TBI-FORENSIC SERVICES DIVISION
PERFORMANCE VERIFICATION FORM

Instrument/Method to Verify:

1 % Δ9 THC Comparison by Agilent LC/MS iQ (Piney)

Check the appropriate box: New Validation ☑ Modification ☐ Performance Check ☐

Laboratory: NCL ☑ KCL ☐ JCL ☐ Unit: Forensic Chemistry

Based on training and competency, the following analyst(s) are authorized by the Technical Leader to participate in this study:

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By signing below, I have verified this study meets all requirements and I deem this procedure/ instrument fit for the intended use:

Technical Leader: Brett Trotter

All information must be submitted to the Quality Assurance Manager prior to the implementation of the procedure/instrument. If applicable, include training plan and competency testing schedule.

Validation of 1% Δ^9-Tetrahydrocannabinol Comparison by Liquid Chromatography/Mass Spectroscopy

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I. Purpose:

Validating a Liquid Chromatography-Mass Spectrometry (LCMS) method for comparison screening of Δ^9 Tetrahydrocannabinol (Δ^9 THC) concentrations must ensure separation of Δ^9 THC and Tetrahydrocannabinolic acid (THC-a). This is crucial for determining whether the Δ^9 THC content exceeds a 1% concentration. This method must also be able to distinguish Δ^8 Tetrahydrocannabinol (Δ^8 THC) and Δ^{10} Tetrahydrocannabinol (Δ^{10} THC). Gas Chromatography-Mass Spectrometry (GCMS) analysis decarboxylates THC-a into Δ^9 THC due to the high inlet temperatures, which result in higher Δ^9 THC concentrations. Isolating and reporting the Δ^9 THC independently from the THC-a became necessary because in 2023 Tennessee Code Annotated defined THC-a as a product of hemp. The LCMS does not require heat, making it an ideal instrument for analyzing and measuring both THC-a and Δ^9 THC and their respective concentrations. As a result, LCMS is particularly well-suited for ensuring precise measurements of both compounds, which is essential for accurately comparing unknown samples to known standard Δ^9 THC concentrations. Our laboratory's ability to make these comparisons is critical in providing the judicial system with confidence that submitted cannabis evidence meets the legal definitions of marijuana or hemp. All data generated in the validation has been preserved and is available for review on either the instrument's (LCMS Piney) hard-drive or on a networked drive.

Key purposes of validating the LCMS method include:

1. **Separation of Cannabinoids**: This validation will demonstrate that the LCMS method effectively separates THC-a, Δ^9 THC, Δ^8 THC, and Δ^{10} THC and that THC-a is not converted into Δ^9 THC during the analysis. This is essential for proper identification and for determining whether the Δ^9 THC content exceeds the legal limit of 0.3% in Tennessee.
2. **Accurate Quantification of Δ^9 THC**: A validated LCMS method allows for precise comparisons of Δ^9 THC concentrations to a 1% Δ^9 THC standard. A 1% Δ^9 THC standard is used instead of a 0.3% threshold due to the uncertainty of the method and to give the analyst and judicial officials confidence that evidence identified as marijuana is well above the allowed legal amount.
3. **Minimizing Conversion Errors**: The LCMS method prevents decarboxylation of THC-a to Δ^9 THC eliminating higher Δ^9 THC concentration measurements. This ensures that the Δ^9 THC content is reported accurately, reducing the risk of false positives or misclassification due to the decarboxylation process.
4. **Accuracy and Consistency**: The validation of the LCMS method ensures that the testing process provides consistent and reliable results. This is critical for ensuring that products are correctly identified as hemp or marijuana based on their Δ^9 THC content. Accurate identification is essential for judicial proceedings, such as the 0.3% Δ^9 THC limit in Tennessee, and for ensuring consumer safety and confidence in cannabis products.

II. Linearity and Range:

A series of Δ^9 THC standards at concentrations ranging from 1µg/mL to 10 µg/mL were collected on the LC/MS (Piney). After evaluating the curve generated from this data set, it was determined that linearity was lost starting at about 8 µg/mL. However, at concentration below 8 µg/mL the curve was linear. This information will be utilized in future quantitative method development, but for the purposes of this validation this data was used to define the concentration of the 1% Δ^9 THC standard at 6.5 µg/mL. This concentration falls well within the linear range and results in good chromatography allowing for good peak resolution and peaks well above the baseline. Samples with concentrations below 1 µg/mL do not give instrument responses acceptable for comparison purposes and samples with concentrations above 10 µg/mL start to saturate the detector and lead to unresolved cannabinoid peaks especially with Δ^8 THC, Δ^9 THC, and Δ^{10} THC which have similar retention times and do not result in mass spectrum data that can distinguish them as they are optical isomers and have the same molecular weight.

III. Repeatability:

After determining an appropriate separation method and adjusting the sample concentration to fit within the linear range of the instrument, the established GC-MS Total THC Screening procedure was used to prepare samples for LC-MS analysis. The initial concentration of the comparison standard and plant material was too high for optimal analysis on the LC-MS. To address this, samples were diluted to a concentration of 6.5 µL/mL, ensuring it fell within the linear detection range for the cannabis method on the LC-MS. Multiple batches of this concentration were analyzed, each producing results for retention time (RT) and peak abundance. Several reproducibility tests were collected over several days, which included multiple runs of 26 µL 1% Δ^9 THC GC-MS standard and plant material samples diluted into 2 mL of acetonitrile (6.5 ul/mL concentration). In total, 30 comparison samples for each Δ^9 THC and THC-a standard were analyzed over several days. See tables below.

Mobile Phase Changes: Mobile A (0.1 % Formic Acid in 18.2 MΩ water) and Mobile B (0.1 % Formic Acid in LCMS grade Acetonitrile) were prepared and used for this validation. See the Forensic Chemistry Unit's prepared reagent logs for more information.

Sample Type:

- **Delta 9-THC Comparison Standard**:
    1. Internal standard: Tribenzyamine prepared 8-23-24 (see logbook)
    2. Δ^9 THC: Cerilliant lot # FE06212201 1.0mg/mL in 1 mL of MeOH
- **THC-A Comparison Standard:**
    1. Internal standard: Tribenzyamine prepared 8-23-24 (see logbook)
    2. THC-a: Cerilliant lot # FE03162224 1.0mg/mL in 1 mL of acetonitrile.
- **Plant Material**: The sample had previously been quantitated by the Department of Agriculture and had a Δ^9 THC concentration greater than 1 %.

Sample Preparation Method:

- Grind Plant Material
- Weigh 100mg of plant material on analytical balance. Record weight to two decimal places of precent THC calculation.
- Pipette 1mL of 300 ug/mL internal standard (Tribenzyamine) and 1mL of methanol onto the plant material.
- Vortex the plant material sample for at least ten minutes.
- The plant material remained in the extraction solution for a minimum of 30 minutes before LCMS preparation.
- This is the extraction method used in the 1 % GC/MS Total THC Screen method currently used by our laboratory
- This preparation was diluted by taking 26 µL into 2 mL of acetonitrile.

Table 1: Data for Delta 9-THC Comparison Sample**.**

Sample Type	Compounds	Retention Time (RT) (minutes)	Peak Area	Day
Comparison STD 1	Tribenzyamine	4.047	2098732.1	11/1/2024
	delta 9-THC	7.35	273260.2	
Comparison STD 2	Tribenzyamine	4.047	2254646.9	11/3/2024
	delta 9-THC	7.1	233320.8	
Comparison STD 3	Tribenzyamine	4.05	2273359.5	11/3/2024
	delta 9-THC	7.193	333559.2	
Comparison STD 4	Tribenzyamine	4.088	2310661.5	11/3/2024
	delta 9-THC	7.315	297754.4	
Comparison STD 5	Tribenzyamine	4.074	2292339	11/3/2024
	delta 9-THC	7.282	293609.9	
Comparison STD 6	Tribenzyamine	4.071	2347302	11/4/2024
	delta 9-THC	7.094	268590.4	
Comparison STD 7	Tribenzyamine	4.082	2274864.7	11/4/2024
	delta 9-THC	7.148	244368	
Comparison STD 8	Tribenzyamine	4.078	2352345.6	11/4/2024
	delta 9-THC	7.191	204707.9	
Comparison STD 9	Tribenzyamine	4.085	2525050.4	11/4/2024
	delta 9-THC	7.22	248659.1	
Comparison STD 10	Tribenzyamine	4.069	2250958.1	11/4/2024
	delta 9-THC	7.19	243173.6	
Comparison STD 11	Tribenzyamine	4.094	2315161.4	11/4/2024
	delta 9-THC	7.279	273001	
Comparison STD 12	Tribenzyamine	4.091	2369775	11/5/2024
	delta 9-THC	7.224	240714.1	

Comparison STD 13	Tribenzyamine	4.084	2326818.6	11/5/2024
	delta 9-THC	7.208	260085.3	
Comparison STD 14	Tribenzyamine	4.081	2211813.8	11/5/2024
	delta 9-THC	7.171	311358.8	
Comparison STD 15	Tribenzyamine	4.081	2342912.2	11/5/2024
	delta 9-THC	7.183	256499.9	
Comparison STD 16	Tribenzyamine	4.092	2343788.1	11/5/2024
	delta 9-THC	7.164	248741.3	
Comparison STD 17	Tribenzyamine	4.089	2363549.3	11/5/2024
	delta 9-THC	7.241	193487.6	
Comparison STD 18	Tribenzyamine	4.088	2254302.1	11/5/2024
	delta 9-THC	7.25	234619.2	
Comparison STD 19	Tribenzyamine	3.944	3652508.6	11/21/2024
	delta 9-THC	7.225	405173.3	11/21/2024
Comparison STD 20	Tribenzyamine	3.963	3914492.2	11/21/2024
	delta 9-THC	7.23	610147.6	11/21/2024
Comparison STD 21	Tribenzyamine	3.974	3607370.6	11/21/2024
	delta 9-THC	7.267	559522.3	11/21/2024
Comparison STD 22	Tribenzyamine	3.994	3881128.3	11/21/2024
	delta 9-THC	7.22	390123.2	11/21/2024
Comparison STD 23	Tribenzyamine	4.002	3874575.6	11/21/2024
	delta 9-THC	7.211	534772.5	11/21/2024
Comparison STD 24	Tribenzyamine	4.012	3698609.5	11/21/2024
	delta 9-THC	7.21	587333.9	11/21/2024
Comparison STD 25	Tribenzyamine	4.019	3744607.9	11/21/2024
	delta 9-THC	7.316	630134.3	11/21/2024

Comparison STD 26	Tribenzyamine	4.025	3645205.6	11/21/2024
	delta 9-THC	7.295	588949.1	11/21/2024
Comparison STD	Tribenzyamine	Instrument stopped and did not run this		
	delta 9-THC	Instrument stopped and did not run this		
Comparison STD 27	Tribenzyamine	3.998	3617463.3	11/21/2024
	delta 9-THC	7.162	485435.0	11/21/2024
Comparison STD 28	Tribenzyamine	4.037	3494846.9	11/21/2024
	delta 9-THC	7.291	364070.1	11/21/2024
Comparison STD 29	Tribenzyamine	4.054	3567992.4	11/21/2024
	delta 9-THC	7.156	600903.5	11/21/2024
Comparison STD 30	Tribenzyamine	4.036	3506881.4	11/21/2024
	delta 9-THC	7.293	619384.2	11/21/2024
Comparison STD 31	Tribenzyamine	4.045	3612367.5	11/21/2024
	delta 9-THC	7.292	638114.7	11/21/2024

The average retention time for the tribenzylamine peak was 4.060 minutes with a standard deviation of 0.042 over 94 data points. The average retention time for the Δ^9 THC peak was 7.227 minutes with a standard deviation of 0.060 over 64 data points. This experiment demonstrated the stability of the retention time over multiple runs and will give the analysts confidence when identifying peaks especially for cannabinoids which are optical isomers and have similar mass spectral data like Δ^8 THC, Δ^9 THC, and Δ^{10} THC. THC-a has a much higher molecular weight and therefore can be easily distinguished by the mass spectral data and its higher retention time value as seen in the table below.

Table 2: Data for THC-A Comparison Sample**.**

Sample Type	Compounds	Retention Time (RT) (min)	Peak Area	Day
Comparison STD 1	Tribenzyamine	3.957	5498455.7	12/3/2024
	THCA	7.908	1378339.8	
Comparison STD 2	Tribenzyamine	4.01	5054602.5	12/3/2024

	THCA	8.601	1001297.3	
Comparison STD 3	Tribenzyamine	4.028	4777852.8	12/3/2024
	THCA	8.614	994456.1	
Comparison STD 4	Tribenzyamine	4.036	4798016.7	12/3/2024
	THCA	8.647	1129987.4	
Comparison STD 5	Tribenzyamine	4.03	4984319.4	12/3/2024
	THCA	8.415	1532588.5	
Comparison STD 6	Tribenzyamine	4.03	5109965	12/3/2024
	THCA	8.318	1261904.5	
Comparison STD 7	Tribenzyamine	4.046	4907405.8	12/3/2024
	THCA	8.448	1249357.8	
Comparison STD 8	Tribenzyamine	4.06	5140832.6	12/3/2024
	THCA	8.55	1138086.5	
Comparison STD 9	Tribenzyamine	4.062	5028824.2	12/3/2024
	THCA	8.518	1363603.3	
Comparison STD 10	Tribenzyamine	4.063	4890977.6	12/3/2024
	THCA	8.597	1257055	
Comparison STD 11	Tribenzyamine	4.064	5022640.3	12/3/2024
	THCA	8.377	4907405.7	
Comparison STD 12	Tribenzyamine	4.068	5455530.1	12/3/2024
	THCA	8.394	883700.5	
Comparison STD 13	Tribenzyamine	4.071	5193147.9	12/3/2024
	THCA	8.443	1124343.1	
Comparison STD 14	Tribenzyamine	4.11	6100335.6	12/4/2024
	THCA	8.169	1656767.6	
Comparison STD 15	Tribenzyamine	4.111	5197759.5	12/4/2024

	THCA	8.159	1675936.8	
Comparison STD 16	Tribenzyamine	4.1	5691210.3	12/4/2024
	THCA	8.116	1902104.3	
Comparison STD 17	Tribenzyamine	4.113	5324720.5	12/4/2024
	THCA	8.139	1612170.4	
Comparison STD 18	Tribenzyamine	4.102	6127228.6	12/4/2024
	THCA	8.158	1498681.5	
Comparison STD 19	Tribenzyamine	4.113	5514814.3	12/4/2024
	THCA	8.146	1519455.6	
Comparison STD 20	Tribenzyamine	4.112	5416938.3	12/4/2024
	THCA	8.168	1646837	
Comparison STD 21	Tribenzyamine	4.109	5510044.1	12/4/2024
	THCA	8.203	1521728.2	
Comparison STD 22	Tribenzyamine	4.103	5662145.9	12/4/2024
	THCA	8.207	1562914.3	
Comparison STD 23	Tribenzyamine	4.123	5163172.7	12/4/2024
	THCA	8.246	1348283.1	
Comparison STD 24	Tribenzyamine	4.12	5342324.9	12/5/2024
	THCA	8.181	1764428.9	
Comparison STD 25	Tribenzyamine	4.111	5464741.3	12/5/2024
	THCA	8.277	1980712	
Comparison STD 26	Tribenzyamine	4.104	6349341.3	12/5/2024
	THCA	8.275	1639726.1	
Comparison STD 27	Tribenzyamine	4.088	5681071.1	12/5/2024
	THCA	8.108	1734050.5	
Comparison STD 28	Tribenzyamine	4.102	5645313.2	12/5/2024

	THCA	8.256	1598066.4	
Comparison STD 29	Tribenzyamine	4.11	5820683.7	12/5/2024
	THCA	8.289	2042784.3	
Comparison STD 30	Tribenzyamine	4.112	5578767.6	12/5/2024
	THCA	8.425	1704610.8	

The retention time for the THC-a peak had an average of 8.349 minutes with a standard deviation of 0.141 over 62 data points. Δ^9 THC and THC-a's average retention time differs by 1.122 minutes making the measured retention times appropriate to distinguish between these two compounds and other cannabinoids. The difference in the mass spectrometer data between THC-a and Δ^9 THC only gives more confidence about identifying the peaks of these samples.

Table 3: Data for Plant Material Sample

Sample Type	Compounds	Retention Time (RT) (min)	Peak Area	Day
Plant Material 1	Tribenzyamine	4.048	1748416.5	11/1/2024
	delta 9-THC	7.355	508307.5	
	THC-A	8.529	482783.8	
Plant Material 2	Tribenzyamine	4.036	2146121.4	11/3/2024
	delta 9-THC	7.174	589428.1	
	THC-A	8.276	644436.8	
Plant Material 3	Tribenzyamine	4.061	2156000.4	11/3/2024
	delta 9-THC	7.185	545568.3	
	THC-A	8.332	3357087.8	
Plant Material 4	Tribenzyamine	4.073	1806952.2	11/4/2024
	delta 9-THC	7.339	552753.2	
	THC-A	8.479	3024662.6	
Plant Material 5	Tribenzyamine	4.078	2132673.8	11/4/2024
	delta 9-THC	7.313	543746.5	

	THC-A	8.482	2936795.3	
Plant Material 6	Tribenzyamine	4.073	2047094.5	11/4/2024
	delta 9-THC	7.189	530567.2	
	THC-A	8.318	2893857.2	
Plant Material 7	Tribenzyamine	4.085	1970659.9	11/5/2024
	delta 9-THC	7.171	525629.8	
	THC-A	8.303	2721917.7	
Plant Material 8	Tribenzyamine	4.085	2187790.8	11/5/2024
	delta 9-THC	7.175	604212.1	
	THC-A	8.341	2736354	
Plant Material 9	Tribenzyamine	4.085	1921522.3	11/5/2024
	delta 9-THC	7.163	679107.0	
	THC-A	8.273	2682234.3	
Plant Material 10	Tribenzyamine	4.090	2175064.2	11/5/2024
	delta 9-THC	7.205	587989.0	
	THC-A	8.309	2549195.1	
Plant Material 11	Tribenzyamine	4.090	2168079.1	11/5/2024
	delta 9-THC	7.227	504167.0	
	THC-A	8.347	2398682.2	
Plant Material 12	Tribenzyamine	4.094	2060154.1	11/5/2024
	delta 9-THC	7.176	697757.1	
	THC-A	8.309	2542076.2	
Plant Material 13	Tribenzyamine	4.100	2245523.6	11/5/2024
	delta 9-THC	7.222	537243.3	
	THC-A	8.368	2344151.1	
Plant Material 14	Tribenzyamine	4.097	2049247.4	11/6/2024

	delta 9-THC	7.236	588542.7	
	THC-A	8.396	2570279.0	
Plant Material 15	Tribenzyamine	4.094	2141906.5	11/6/2024
	delta 9-THC	7.162	629286.5	
	THC-A	8.322	2584293.9	
Plant Material 16	Tribenzyamine	4.093	2069337.7	11/6/2024
	delta 9-THC	7.223	531466.4	
	THC-A	8.366	2418894.9	
Plant Material 17	Tribenzyamine	4.090	2159577.2	11/6/2024
	delta 9-THC	7.148	551455.8	
	THC-A	8.293	2584510.5	
Plant Material 18	Tribenzyamine	4.093	2136421.0	11/6/2024
	delta 9-THC	7.178	728076.4	
	THC-A	8.302	2376316.8	
Plant Material 19	Tribenzyamine	4.087	2231438.9	11/6/2024
	delta 9-THC	7.162	734151.0	
	THC-A	8.293	2435878.6	
Plant Material 20	Tribenzyamine	4.089	2171355.8	11/6/2024
	delta 9-THC	7.143	693193.7	
	THC-A	8.291	2432234.7	
Plant Material 21	Tribenzyamine	4.096	2214165.9	11/6/2024
	delta 9-THC	7.262	702724.1	
	THC-A	8.411	2679404.0	
Plant Material 22	Tribenzyamine	4.082	2026231.2	11/6/2024
	delta 9-THC	7.172	535864.7	
	THC-A	8.303	2358590.1	

Plant Material 23	Tribenzyamine	3.951	3939936.8	11/20/2024
	delta 9-THC	7.228	1135271.2	
	THC-A	8.396	738371.8	
Plant Material 24	Tribenzyamine	3.996	3644009.1	11/20/2024
	delta 9-THC	7.301	1201811.1	
	THC-A	8.507	504931.4	
Plant Material 25	Tribenzyamine	3.995	2914477.5	11/20/2024
	delta 9-THC	7.250	1161693.5	
	THC-A	8.385	393963.8	
Plant Material 26	Tribenzyamine	4.002	3480987.6	11/20/2024
	delta 9-THC	7.224	1034050.0	
	THC-A	8.379	698814.7	
Plant Material 27	Tribenzyamine	4.019	3959974.8	11/20/2024
	delta 9-THC	7.210	1196883.3	
	THC-A	8.374	506146.0	
Plant Material 28	Tribenzyamine	4.040	3326862.8	11/20/2024
	delta 9-THC	7.327	843755.6	
	THC-A	8.519	564950.6	
Plant Material 29	Tribenzyamine	4.035	3486538.7	11/20/2024
	delta 9-THC	7.305	1329921.4	
	THC-A	8.455	342600.6	
Plant Material 30	Tribenzyamine	4.042	3856415.1	11/20/2024
	delta 9-THC	7.300	1104234.3	
	THC-A	8.456	411422.6	
Plant Material 31	Tribenzyamine	4.022	3828148.2	11/21/2024
	delta 9-THC	7.194	994166.3	

	THC-A	8.355	565921.2	
Plant Material 32	Tribenzyamine	4.042	3201469.0	11/21/2024
	delta 9-THC	7.265	975480.1	
	THC-A	8.465	710146.9	
Plant Material 33	Tribenzyamine	4.049	3698329.0	11/21/2024
	delta 9-THC	7.279	1142354.7	
	THC-A	8.446	436476.0	
Plant Material 34	Tribenzyamine	4.050	3786399.6	11/21/2024
	delta 9-THC	7.268	1086802.8	
	THC-A	8.445	317029.6	
Plant Material 35	Tribenzyamine	4.057	3925571.5	11/21/2024
	delta 9-THC	7.274	949485.0	
	THC-A	8.458	542884.0	
Plant Material 36	Tribenzyamine	4.049	3871974.0	11/21/2024
	delta 9-THC	7.279	1026315.2	
	THC-A	8.402	519550.5	

The ratio between the cannabinoid and internal standard was calculated by dividing the abundance of THC-a or Δ^9 THC by the abundance of tribenzylamine. Using ratio data instead of abundance data directly helps normalize minor variation in injections or other instrument variances and allows for more accurate comparisons between runs. The average ratio of Δ^9 THC to tribenzylamine for the 1% Δ^9 THC standard calculated as described above was 0.122 with a standard deviation of 0.022. The 99.7 % confidence level for this standard would be a ratio between 0.055 and 0.189. This range will be the initial acceptance criteria for the ratio of Δ^9 THC to tribenzylamine in the 1% Δ^9 THC standard for the competency test and initial casework. The acceptance criteria for the retention time will be that any samples Δ^9 THC's peak must be within 2 % of the Δ^9 THC peak in the standard (see the requirements for GC retention time matching for more information). As more data is collected through casework, quality control checks, and regional laboratory validation activities the acceptance criteria will be reevaluated. The multiple daily runs demonstrated that this ratio was stable over the course of a day, however, the THC-a to tribenzylamine ratio varied dramatically over the course of a month. Therefore,

based on the results of this study when using this methodology for casework, the analyst must prepare the 1 % Δ^9 THC comparison standard and unknown samples on the same day as collecting instrumental data. The analyst should also consider preparing fresh Mobile Phase A & B and possibly other instrumental maintenance before performing this analysis.

The data from these experiments demonstrate the LCMS performs well for identifying and comparing Δ^9 THC and THC-a. The comparison standard data shows consistency and stability of retention time and peak area over multiple runs. The results of the plant material analysis were consistent with the results obtained by the Department of Agriculture, giving confidence in this methodology.

IV. Separation:

Objective: In the context of THC analysis using Liquid Chromatography/Mass Spectrometry (LC-MS), the goal is to achieve high-resolution separation of the different cannabinoids (Δ^9 -THC, Δ^8THC, THC-a) present in the sample to ensure accurate comparison and to avoid coelution between compounds. The separation of Tetrahydrocannabinolic acid (THC-a) and Δ^9 Tetrahydrocannabinol (Δ^9 -THC) is particularly important because the Tennessee Code Annotated defined THC-a as a product of hemp. These two compounds exhibit different chemical behaviors in the chromatographic system, with THC-a being non-psychoactive and Δ^9 THC being psychoactive. Accurately distinguishing between them is crucial for judicial proceedings, as products with Δ^9 -THC content exceeding 0.3% may be classified as marijuana rather than hemp, impacting legal status. Δ^{10}-THC (Cayman Chemicals Lot # 0606028) data was collected under the same instrument parameters, mobile phase gradient profile, and column. Δ^{10}-THC had an average retention time of 8.717 minutes which is 114.7 % greater than tribenzylamine, 20.6 % more than Δ^9 -THC, 16.2 % more than Δ^8 -THC, and 4.4 % more than THC-a. This cannabinoids are all baseline resolved and distinguishable from each other within the Forensic Chemistry Unit's retention time criteria.

Key Considerations for Separating THCA and Delta-9-THC:

1. **Chemical Differences**:
    - Tetrahydrocannabinolic acid (THC-a) is the carboxylic acid form of tetrahydrocannabinol. Its structure includes a carboxyl group (-COOH) attached to the main cannabinoid structure.
    - Δ^9 Tetrahydrocannabinol is the neutral or decarboxylated form of THC-a. This means it has lost the carboxyl group (-COOH), usually through heat (a process called decarboxylation), leaving behind Δ^9 Tetrahydrocannabinol (Δ^9 THC), a non-acidic, neutral compound.
2. **Chromatographic Separation**:
    - High-performance liquid chromatography (HPLC**)** is typically used for the separation of cannabinoids due to its ability to separate compounds based on their chemical properties such as polarity, size, and charge.
    - Reverse-phase (RP-HPLC**)** is commonly employed for cannabinoid separation, where the stationary phase is non-polar (e.g., C18 column) and the mobile phase is polar (water with organic solvents such as methanol or acetonitrile). THC-a tends to interact more strongly with the polar mobile phase due to its acidic nature, while Δ^9 THC interacts more with the non-polar stationary phase.
    - Gradient elusion can be used to separate these cannabinoids, where the mobile phase composition changes over time to enhance separation.

3. **Detection by Liquid Chromatograph Mass Spectrometry**:
    - THC-a and Δ^9 THC will have different molecular weights and fragmentation patterns. For instance, Δ^9 THC has a molecular ion peak at m/z 315, while THC-a has a molecular ion peak at m/z 357.

Method Development and Testing:

1. Separation Attempts:
    - Standards:
        1. Standards used included Δ^9 THC and THC-a, each prepared in different solvents such as methanol, acetonitrile, and high purity water at different concentrations.
    - Column Type: Agilent Poroshell 120 EC-C18 2.7 µm 3.0 X 50 mm C18 column
    - Mobile:
        1. Mobile A: 0.1% Formic Acid in high purity water
        2. Mobile B: 0.1 Formic Acid in methanol
    - Sample Preparation: depending on the starting conditions of the method used.
        1. 10 µL of standard into 2 mL of methanol
        2. 10 µL of standard into 2 mL of high purity water
    - Methods:
        1. Initial methods, which involved varying run times, gradient holds at 90% mobile phase B, and flow rates between 0.350 mL/min and 0.600 mL/min, did not provide the desired separation between THC-a and Δ^9-THC. After recognizing these challenges, the modifications made to flow rate, gradient, and column type should lead to better separation and resolution of both Δ^9-THC and THC-a, addressing the co-elution issue.

Final Modifications and Optimized Method:

2. **Column Change:**

- **Column Type**: Switching to the Raptor Fluorophenyl 2.7 µm, 100x3.0 mm column was a key change. This column is better suited for separating compounds with polar functional groups (like Δ^9-THC and THC-a), and its fluorophenyl stationary phase can provide more selectivity for cannabinoids compared to a standard C18 column.
- **Fluorophenyl Stationary Phase**: This phase enhances interactions with compounds that have electron-rich functional groups, such as the hydroxyl and aromatic groups in cannabinoids, improving separation efficiency.

3. **Mobile Phase (Acetonitrile):**
    - **Use of Acetonitrile over Methanol**: Switching from methanol (MeOH) to acetonitrile (ACN) as the mobile phase B significantly improved separation. ACN tends to have lower viscosity, which can reduce carryover and improve peak shapes. It also helps with better retention and separation of non-polar compounds, like THC analogs.
    - **Carryover Improvement**: As seen in the washes ran after each sample, ACN helps reduce carryover because it generally has a lower affinity for polar compounds, allowing for cleaner separations between compounds with similar characteristics.
4. **Higher Flow Rate Adjustments:**
    - Higher flow rates allow the mobile phase to move faster through the column, reducing the time THC-a and Δ^9-THC have to interact with the stationary phase. This can lead to faster separation, preventing co-elution. This is especially useful when dealing with closely related compounds like Δ^9-THC and Δ^8-THC, which may have very similar retention times.
5. **Gradient Modifications:**
    - **Slower Gradients**: By applying slower gradients, you allowed more time for the separation of Δ^9-THC and other cannabinoids. A slower gradient means the mobile phase composition changes more gradually, which provides more time for compounds to interact with the stationary phase and separate effectively.
    - **Longer Hold at 49% Mobile Phase B**: Holding at 49% ACN for a longer period gives more time for highly hydrophobic compounds (like THC and its analogs) to elude properly, avoiding issues of co-elution or poor separation.
6. **Separation of Key Cannabinoids:**
    - **Resolution of Co-elution (Δ^9-THC and Δ^8-THC)**: The method successfully resolved Δ^8-THC and Δ^9-THC peaks, a challenge that had hindered previous attempts. These compounds are isomers and have similar retention characteristics, making their separation challenging. The combination of the new column, adjusted gradient, and slower flow rate separated them.
    - **Separation of Δ^9-THC, Δ^8-THC, and THC-a**: This approach improved retention times for all the key cannabinoids, showing excellent separation in the chromatogram, which is crucial for accurate quantification and regulatory compliance in cannabis product testing.

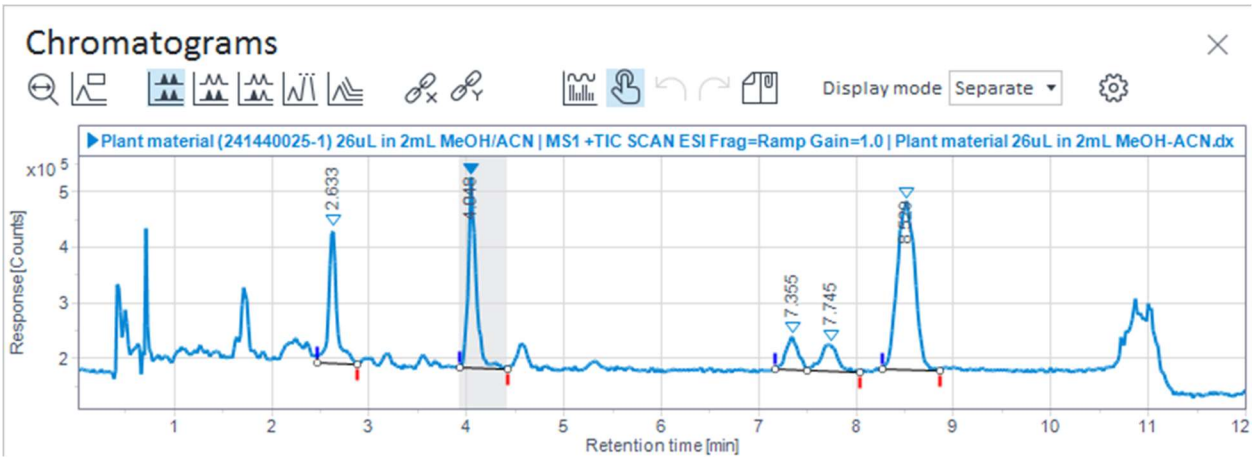
6. Method Validation:

- The method developed has been verified for the reliable separation, comparison, and could be appropriate in the future for quantification of Δ^9-THC and THC-a in cannabis

products, as well as the separation of Δ^9-THC, Δ^8-THC, and other cannabinoids of interest.

- **Final Method:**
    - Sample Preparation**:** 10 µL of standard/sample into 2 mL of Acetonitrile
        - Standards:
            - Δ^9-THC: 1.0 µg/1 mL in 1mL of MeOH Cerilliant lot # FE06212201
            - THC-a: 1.0 µg/1 mL in 1 mL of Acetonitrile Cerilliant lot # FE03162224
            - Δ^8-THC: 1.0 µg/ 1mL in 1 mL of MeOH Cerilliant lot # FE02172272
    - Mobile A: 0.1% Formic Acid in high purity water.
    - Mobile B: 0.1% Formic Acid in Acetonitrile
    - Column: Raptor Fluorophenyl 2.7 µm, 100x3.0 mm lot # 240629B Serial # 19050713 catalog # 9319A1E
    - Flow rate: 0.900 mL/min
    - Gradient:

Time (min)	A(%)	B(%)	Flow (mL/min)	Max Pressure Limit(bar)
0.00	51.0	49.0	0.900	600.00
9.50	51.0	49.0	-	-
10.00	0.0	100.0	-	-
11.00	0.0	100.0	-	-
11.10	51.0	49.0	-	-
12.00	51.0	49.0	-	-



Plant material sample: **Δ^9 THC**: 7.355, **Δ^8 THC:** 7.745, **THCA:** 8.529

THC Screening Method	
Compound	**Retention Time (RT)(min)**
Delta 8-THC	7.606
Delta 9-THC	7.302
THCA	8.447
Delta 10-THC	8.717

V. Carryover:

As mentioned in the separation section of this validation, switching the organic mobile phase greatly improved and eliminated carry-over issues. The validation shows this method does not suffer from carry-over complications that were encountered when using methanol as the organic mobile phase. However, analysts should still be mindful of strong samples and should consider whether possible overloading of the LCMS might occur based off any other instrumental data they might have collected such as GC/MS or GC/IR data. However, properly prepared and diluted samples should not present any concerns of carry-over or lead to any maintenance issues with the instrument.

VI. Extraction and Matrix:

The validation demonstrated that extracting samples and preparing comparison standards as established by the GC/MS Total THC Screening method are appropriate for use when diluted. This will allow the Forensic Chemistry unit to extract plant material samples, gummy candy samples, and liquid samples (such as encountered in vaping apparatuses) and analyze on LCMS when diluted. The 1 % Δ^9 THC standard should be diluted to a concentration of 6.5 µg/mL and the unknown samples should be diluted in the same way.

Because matrix issues were addressed in the validation of the GC/MS Total THC Screening method, they were not studied in this validation. The only concern analysts should have with previously investigated methodology is the heating of the gummy samples before extraction into hexanes. While it may take longer for the gummy candies to dissolve in ambient temperatures, it is important to not heat these samples as that might lead to complete conversion of THC-a into Δ^9 THC by decarboxylation.

VII. Conclusions:

The LCMS (Liquid Chromatography-Mass Spectrometry) accurately identifies and is capable of quantification analysis of cannabinoids like THC-a and Δ9 THC without heating the samples as required in Gas Chromatography-Mass Spectrometry. This method is ideal because heating can sometimes alter the chemical composition of cannabinoids, making it difficult to identify and measure them accurately. By utilizing LCMS, our laboratory can effectively separate, compare, and analyze both Δ^9-THC and THC-a, ensuring precise measurements that are crucial for comparing unknown samples to known THC standards.

This capability is particularly important for judicial proceedings, as it allows us to accurately distinguish between cannabis products. For instance, products with Δ^9-THC content exceeding 0.3% are classified as marijuana impacting their legal status. Therefore, our ability to verify that cannabis evidence meets the legal definitions of marijuana or hemp provides critical support to law enforcement and the legal system with reliable results.

The method developed using LC-MS has been validated for reliably separating and ensuring the repeatability of the comparison standards, THC-a and Δ^9-THC. During the validation process, several maintenance requirements were identified to ensure the accuracy and reliability of the analysis. Specifically, Mobile Phase A and Mobile Phase B must be freshly prepared before analyzing each screening and extracted plant material to avoid potential breakdown or variations in retention times. The validation process highlighted that prepared THC-a standards started to break down and were not stable over the course of a month. However, Δ^9-THC standards were observed to be stable over the same time. Δ^9-THC results in plant material were consistent, reinforcing the reliability of the method for this compound. The comparison standards, including both THC-a and Δ9-THC, showed consistent retention times (RTs) and peak abundances, confirming repeatability. The retention times for tribenzylamine, Δ^8-THC, Δ^9-THC, Δ^{10}-THC, and THC-a were stable and consistent throughout the validation. Δ^9-THC concentrations of 6.5 µg/mL were demonstrated to be optimal for comparison of unknown case samples. As mentioned earlier, analysts should use freshly prepared Mobile A & B, 1% Δ^9-THC comparison standard, and case samples. The developed LC-MS method ensures reliable measurement of Δ^9-THC concentrations above regulatory threshold of 0.3% and by using a 1% standard gives confidence that any samples identified as marijuana far exceed the legal requirements. Its versatility also allows for the effective analysis of unstable compounds like THC-a, making it an indispensable tool for analysis of cannabis.

VIII. Training and Competency

For the Nashville Laboratory, the required training in this methodology will be limited because the sample preparation is the same as the GCMS methodology with the addition of diluting the standard and case samples. This dilution consists of pipetting 26 µL of the prepared standard and case sample and diluting them to a final volume of 2 mL. Any analysts conducting this sample preparation and dilution will be competency tested before performing casework. The LC/MS iQ instrument is similar to the LC/TQMS (Agilent Ultivo) and would not require additional training other than software familiarization in Nashville, however more training and experience will be necessary in the Knoxville and Jackson laboratories as the analyst there do not any experience with LC/MS analysis. Analysts will be given a competency test involving known cannabinoid samples before conducting this testing in casework.

Analysts in Knoxville and Jackson will gain experience in LC/MS analysis by continuing to install and performance check their LC/MS iQ instruments. Performing routine maintenance, developing instrument methods with appropriate parameters, preparing mobile phases, setting up and running sequences, performing data analysis, changing columns, cleaning, and other activities necessary for LC/MS testing. Once analysts at these laboratories acquire the knowledge, skills, and abilities for basic LC/MS operation, they will conduct a full validation for quantitative comparison like the methodology outlined in this validation including statistically based acceptance criteria specific to their laboratory's instrument. These analysts will be required to pass the same competency test described above.

After all laboratory's have established acceptance criteria for the 1% Δ^9 THC standard on their respective instruments, a statistical analysis will be conducted to determine whether a statewide acceptance criteria can be established or if each instrument will have to have its own criteria. It is recommended that in conjunction with the monthly QC standard check that the instruments used for Δ^9 THC comparisons also have a 1% Δ^9 THC standard check run as a QC measure to help evaluate the acceptance criteria for this methodology or instruments.

IX. References:

Drug Enforcement Administration's Cannabis analysis method by LC/MS

Tennessee Department of Agriculture's method for quantitation of Δ^9-Tetrahydrocannabinol and Tetrahydrocannabinolic acid by LC/TQMS.

Nashville's Metropolitan Police Department Crime Laboratory's standard operating procedures and policies for cannabis analysis specifically those related to HPLC analysis and quantitation of Δ^9-Tetrahydrocannabinol.

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Theory and practice of gradient elution liquid chromatography, Chapter 15, John W. Dolan and Lloyd R. Snyder, LC Resources, McMinnville, OR, United States, 2023.

Secondary chemical equilibria in reversed-phase liquid chromatography, Chapter 7, Maria Celia Garcia-Alvarez-Coque, Jose Ramon Torres-Lapasio, M.J. Ruiz-Angel, and Josse Antonio Navarro-Huerta, University of Valencia, Burjassot, Spain, 2023.

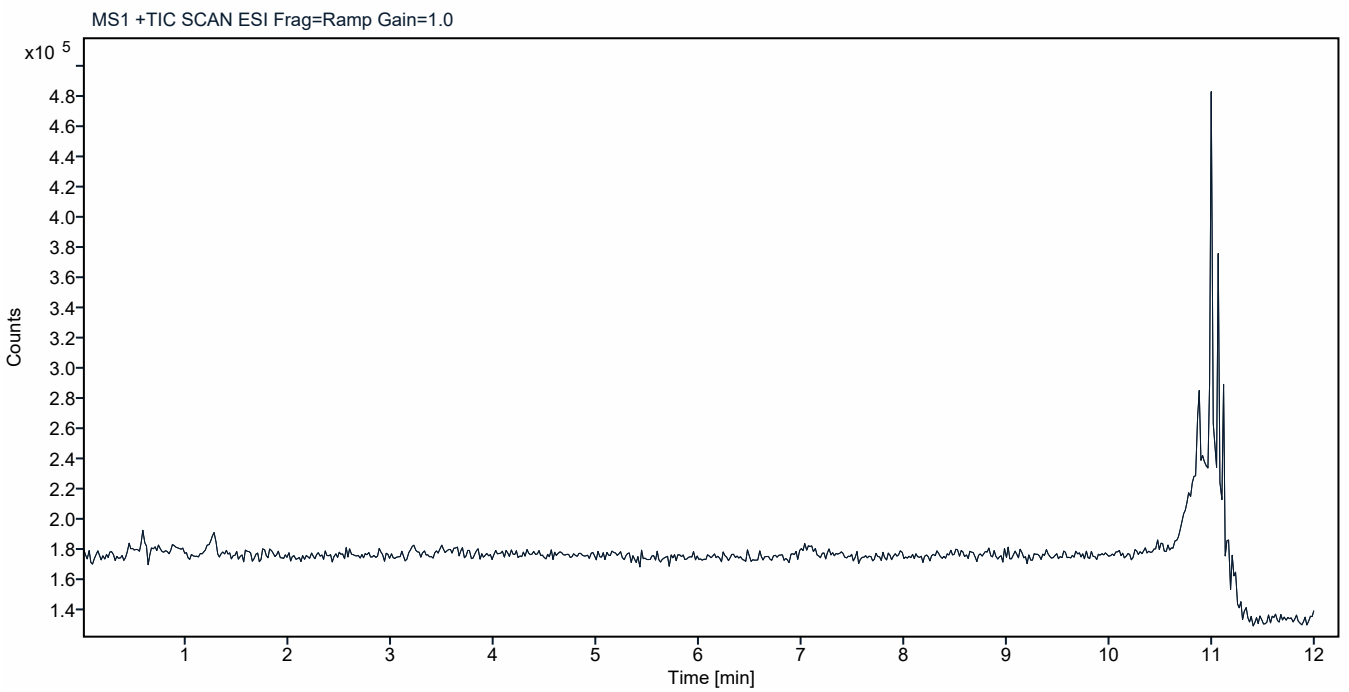
Reversed-phase liquid chromatography, Chapter 6, Colin F. Poole, Department of Chemistry, Wayne State University, Detroit, MI, United States, 2023.

AK

X. Data

Analysis Report

Sample Name	Blank for Comparsion THC STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-01 14:05:19-05:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-1-2426ul\Blank Comparsion THC STD ACN 26uL.sirslt

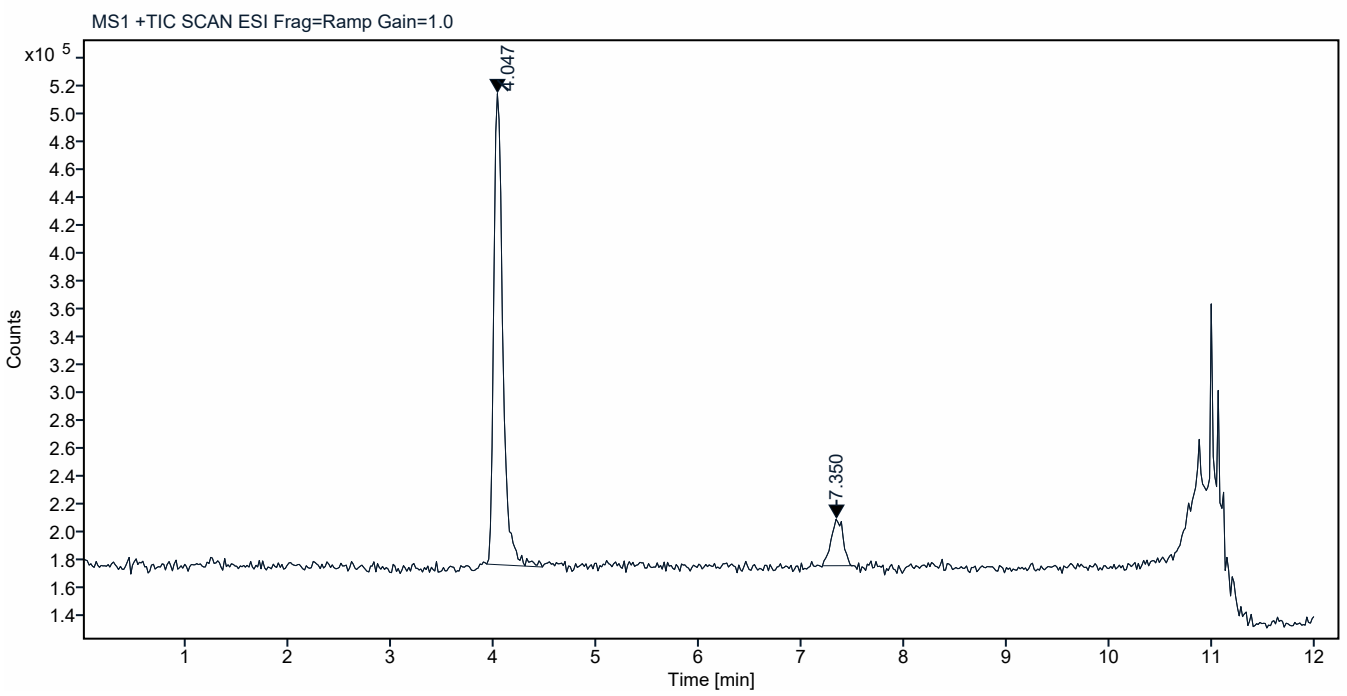


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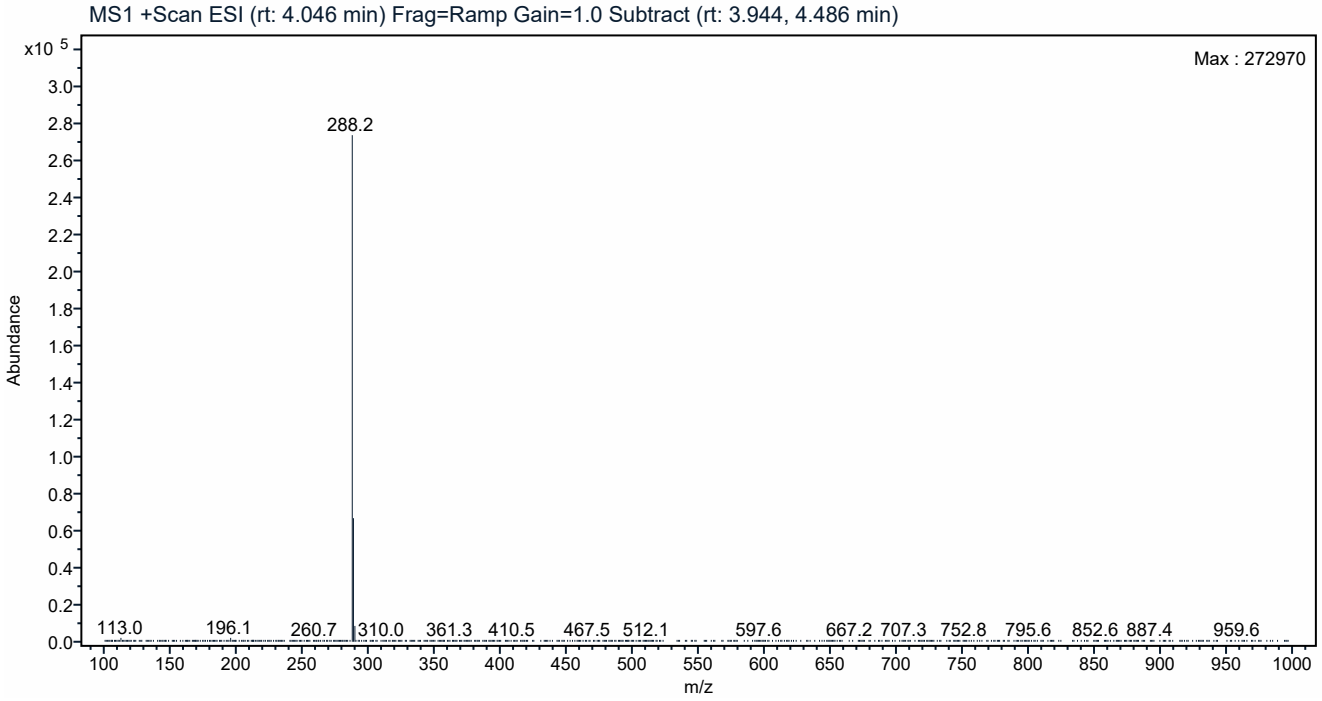
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-01 14:18:54-05:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-1-2426ul\THC STD 26uL-mL in 2mLACN.sirslt

AK Comparison STD 1



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.047

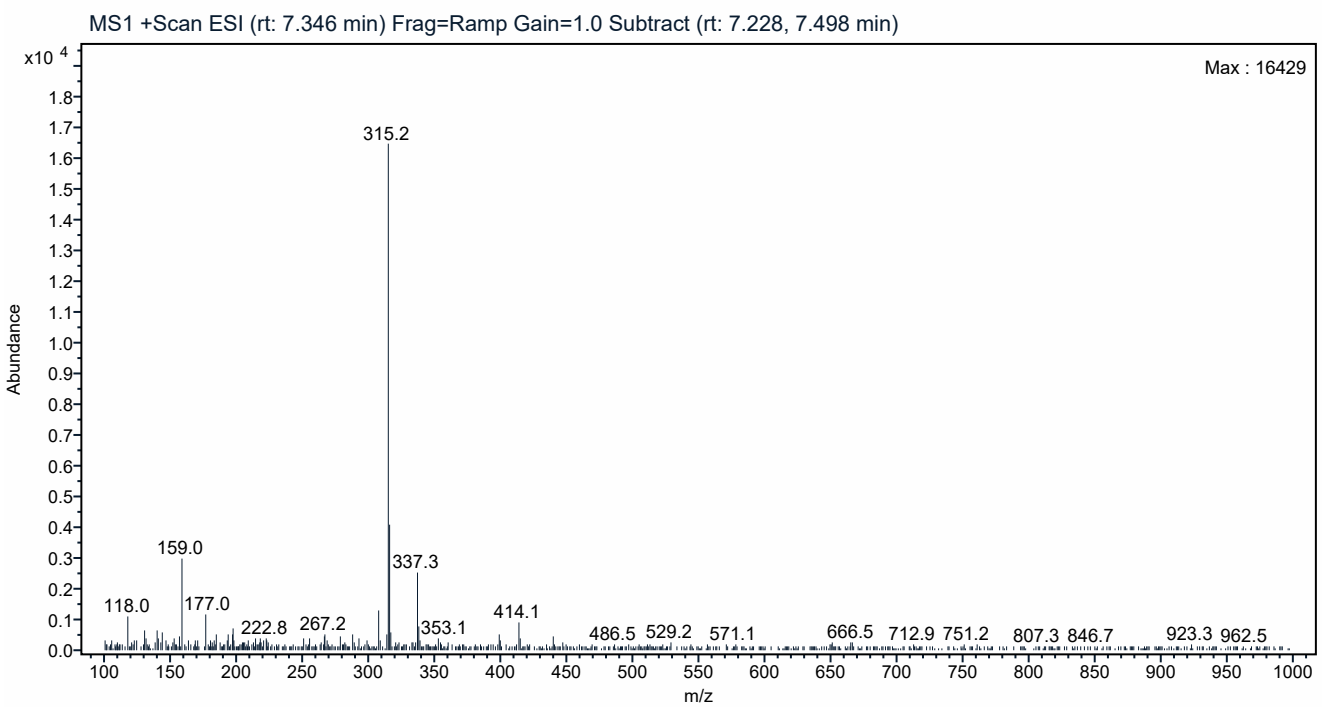


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Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-01 14:18:54-05:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-1-2426ul\THC STD 26uL-mL in 2mLACN.sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.350



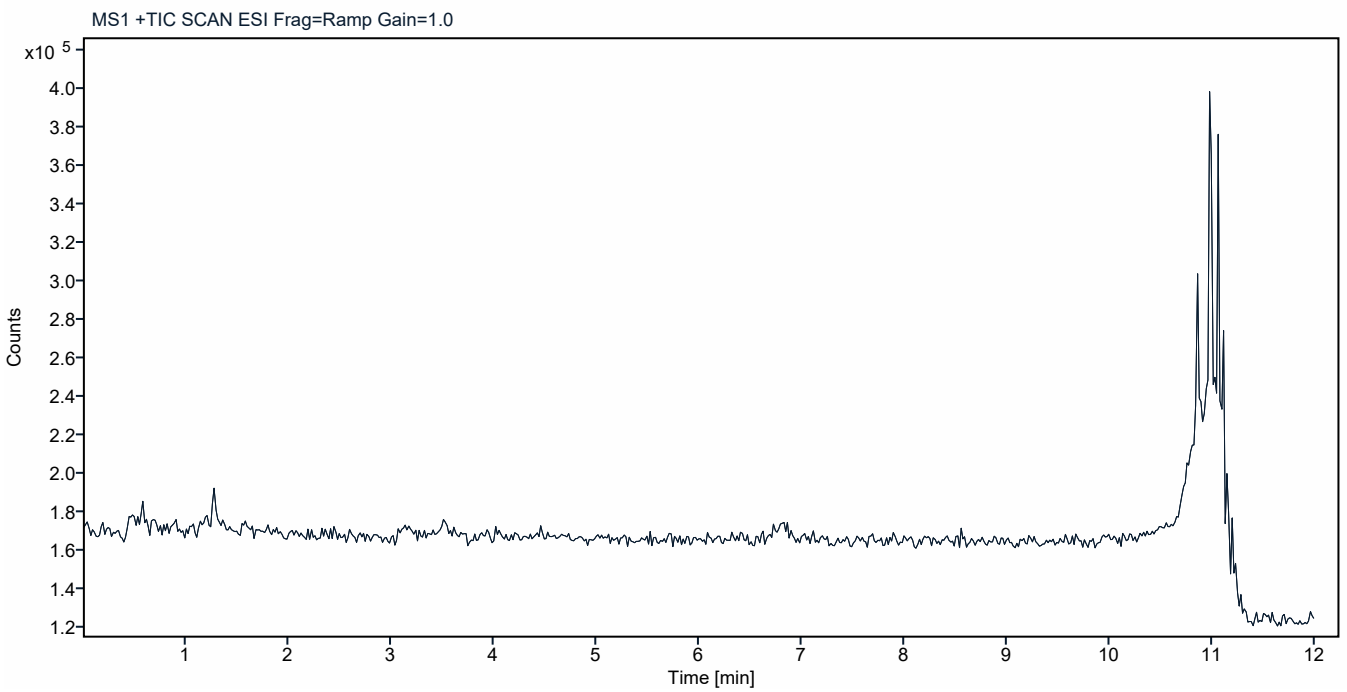
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7.350	0.2956	273260.1674	33481.1356	11.5203

AK

Analysis Report

Sample Name	Blank for Comparsion THC STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL-20241104 075749.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-04 07:58:24-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\Blank Comparsion THC STD ACN 26uL-20241104 075749.sirslt

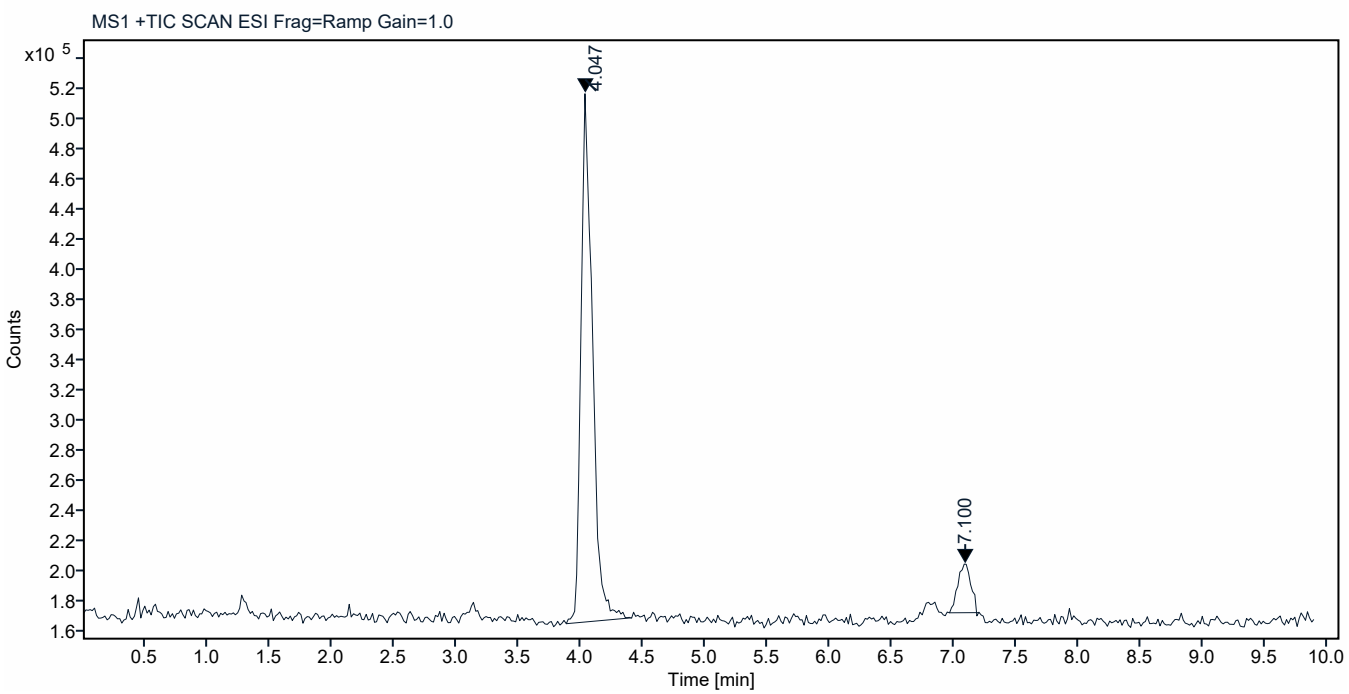


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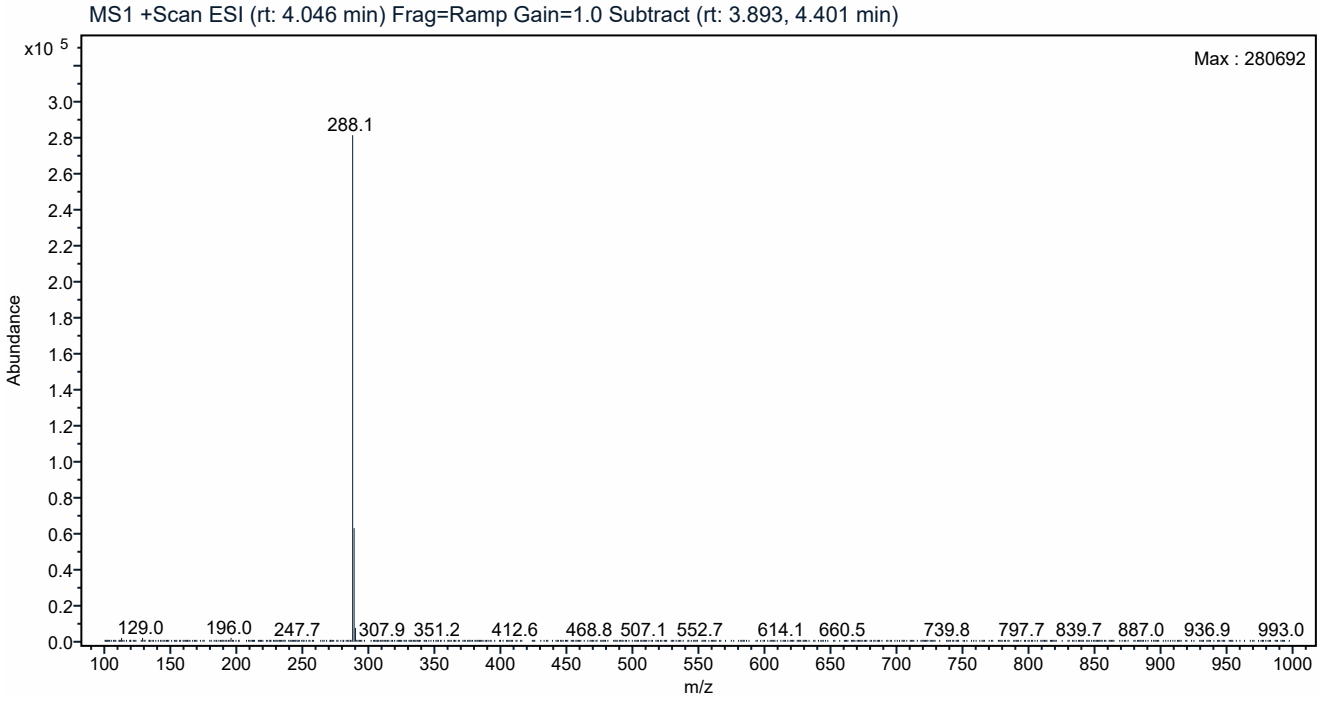
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN-20241104 081124.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-04 08:11:58-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\THC STD 26uL-mL in 2mLACN-20241104 081124.sirslt

Comparison STD 2



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.047

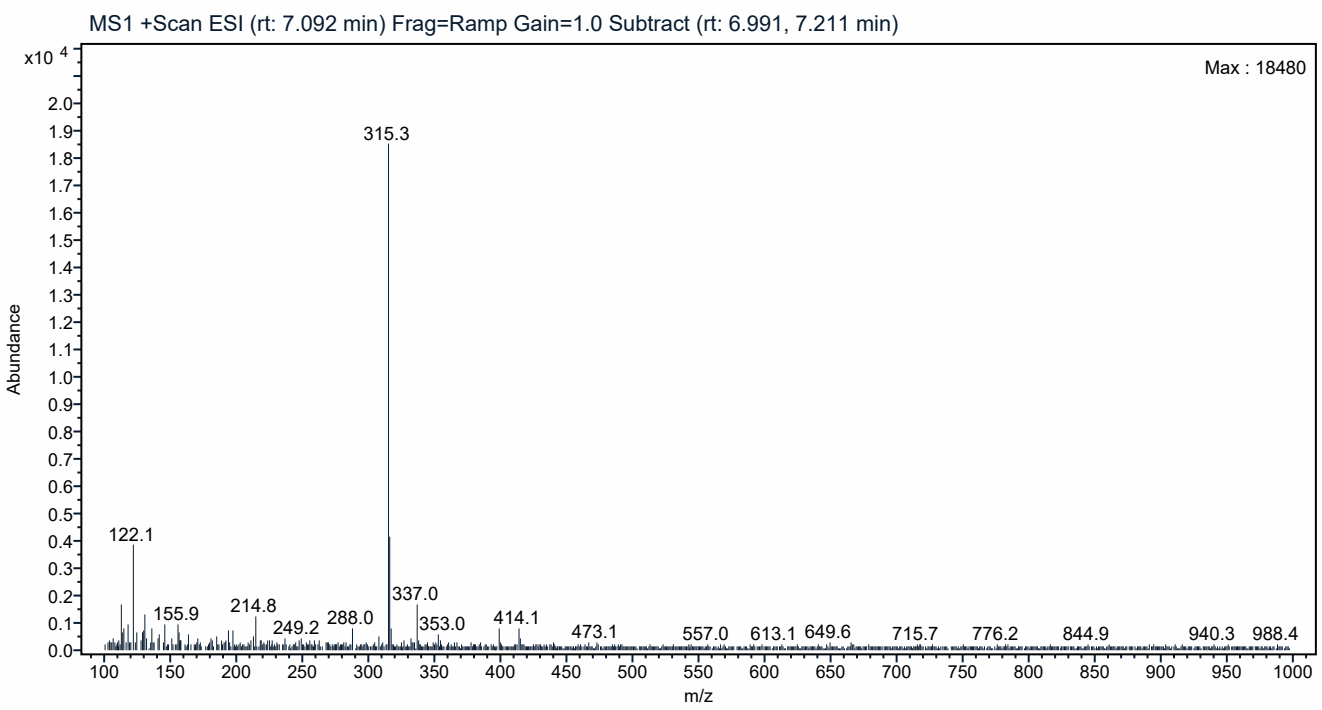


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Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN-20241104 081124.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-04 08:11:58-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\THC STD 26uL-mL in 2mLACN-20241104 081124.sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.100



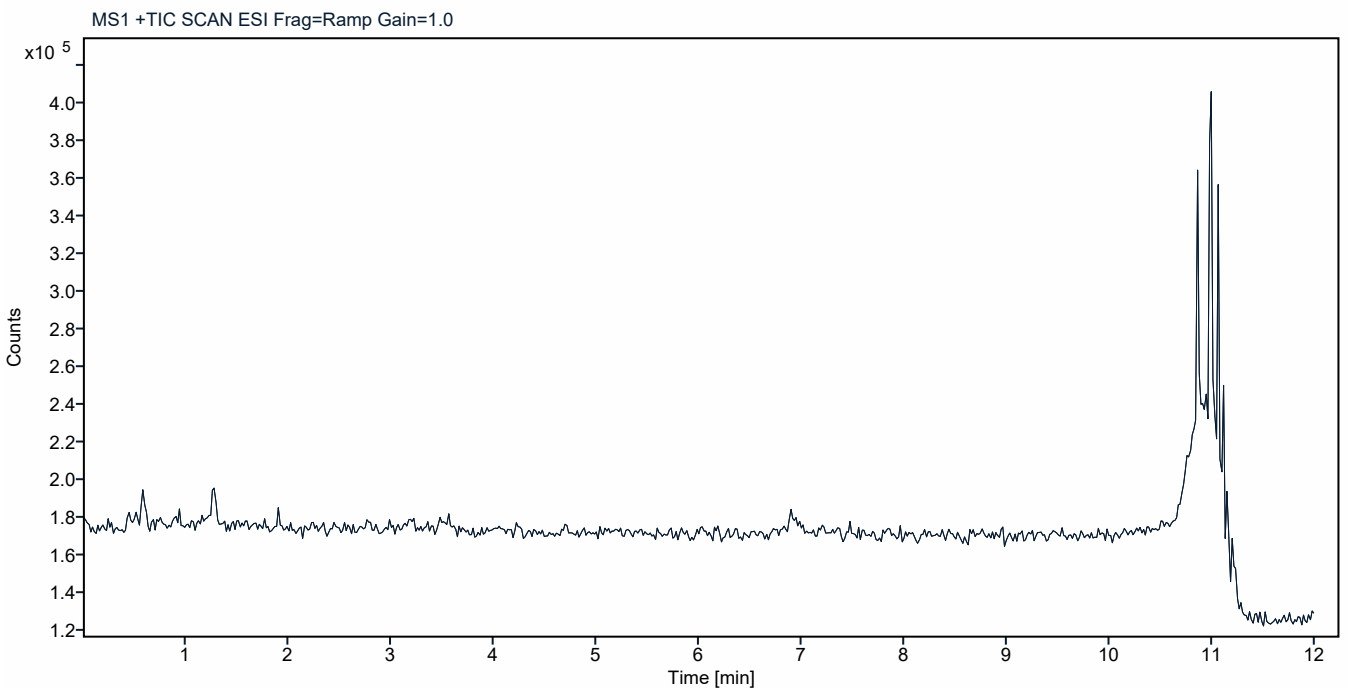
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7.100	0.2390	233320.7639	32708.6462	9.3780

AK

Analysis Report

Sample Name	Blank Comparsion THC STD ACN 26uL	Injection Data File Name	Blank THC STD ACN 26uL (2).dx
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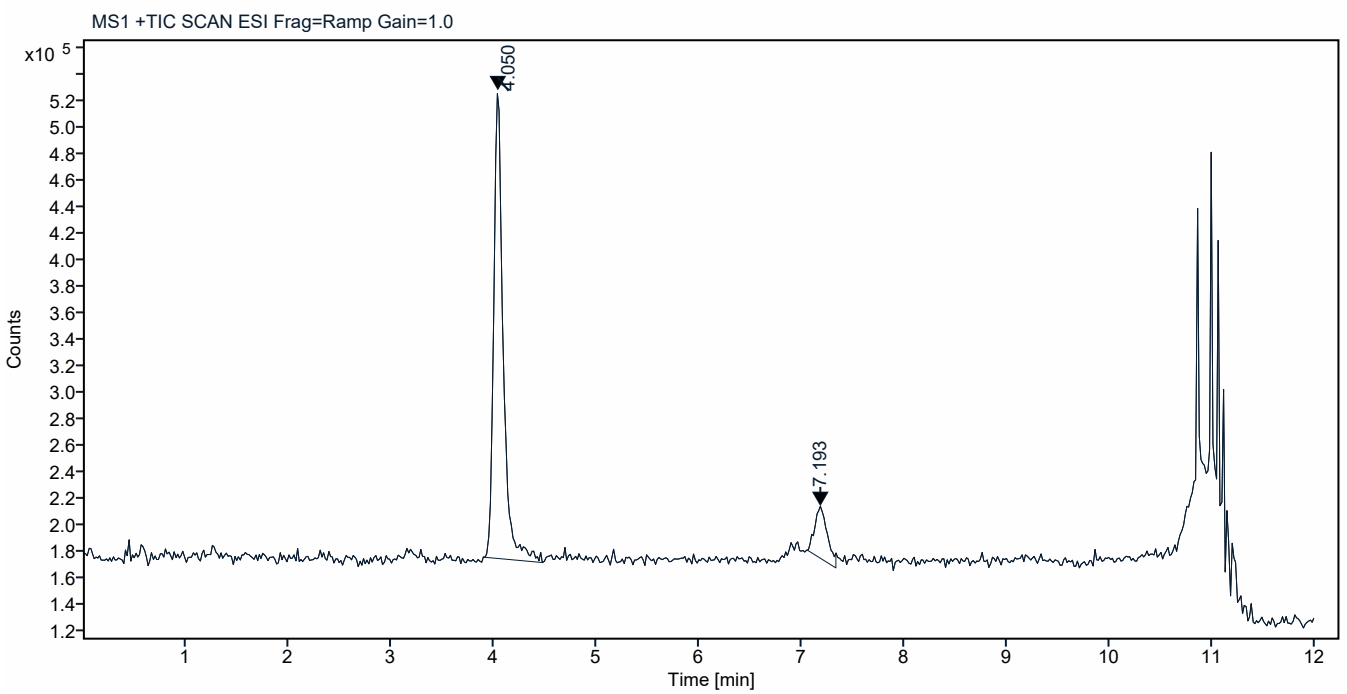


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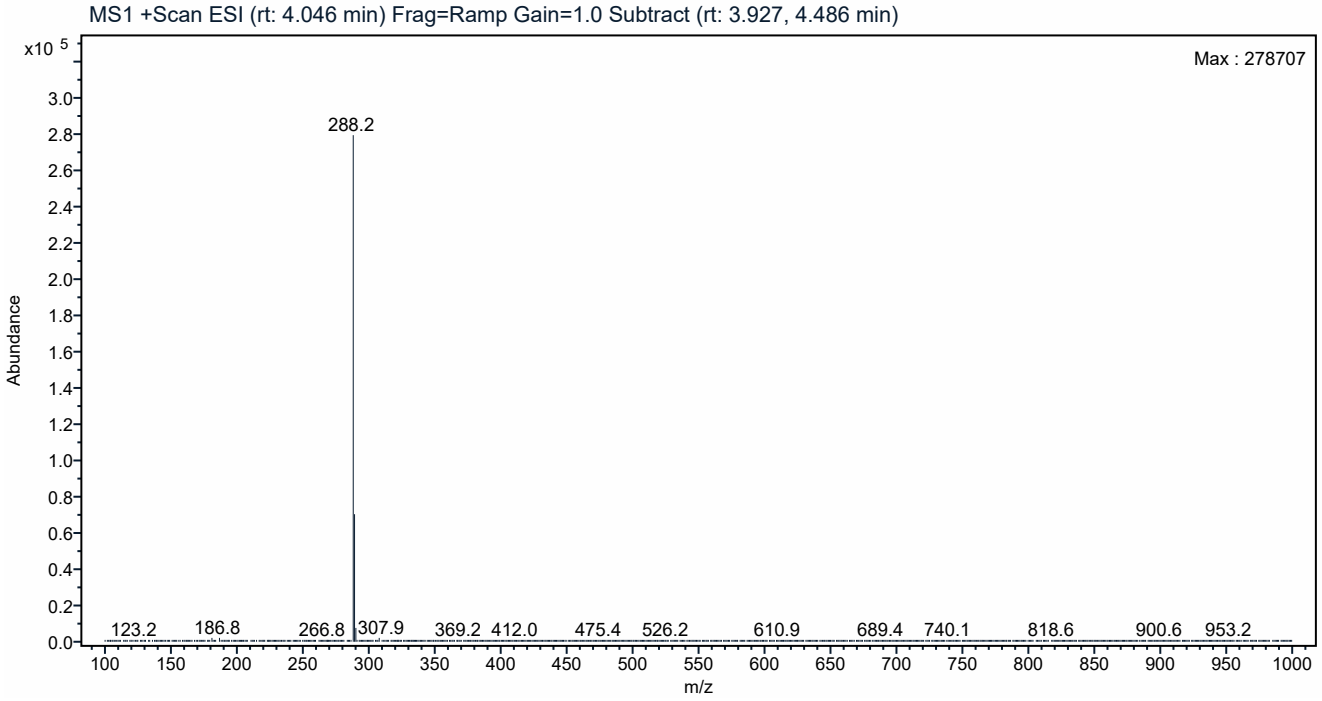
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN (2).dx
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Comparison STD 3



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.050

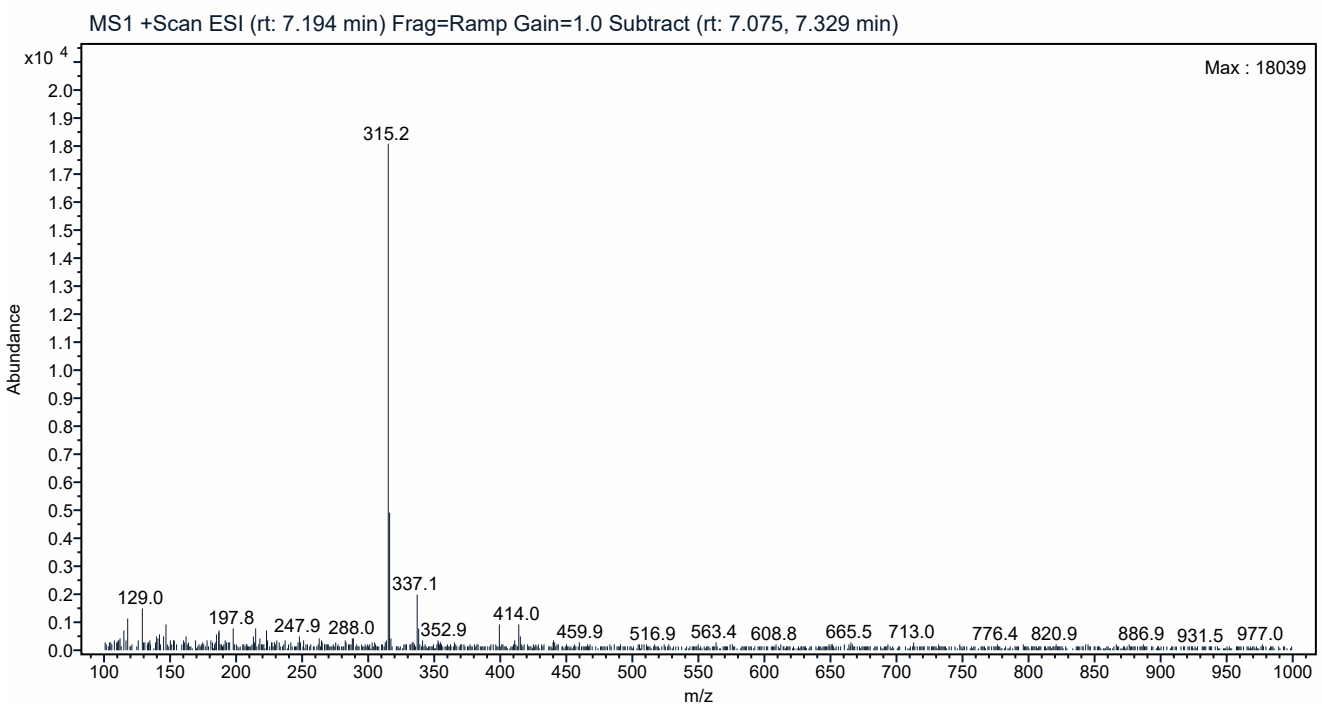


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Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN (2).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-03 23:31:57-06:00
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Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.193



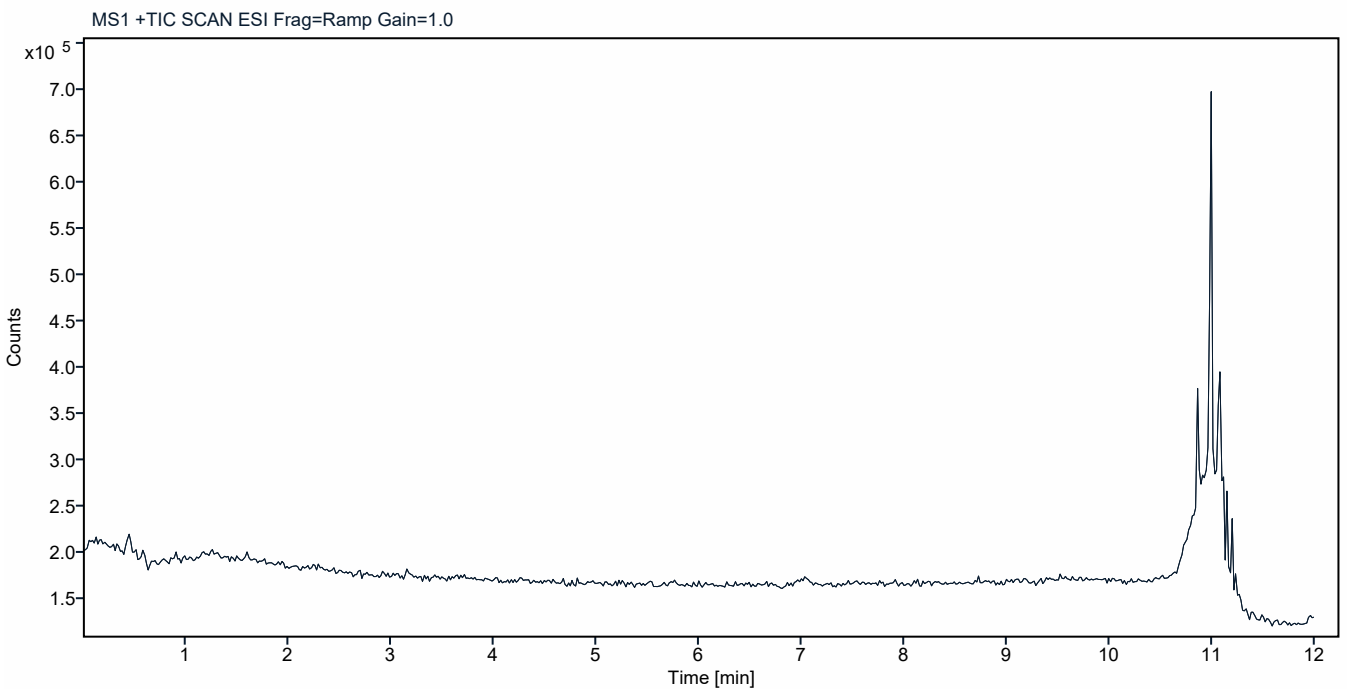
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.050	0.5585	2273359.5464	353295.0857	87.2048
7.193	0.2794	333559.2446	39293.9001	12.7952

AK

Analysis Report

Sample Name	Blank for Comparsion THC STD ACN	Injection Data File Name	Blank THC STD ACN 26uL (3).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-04 09:10:01-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\Blank THC STD ACN 26uL (3).sirslt

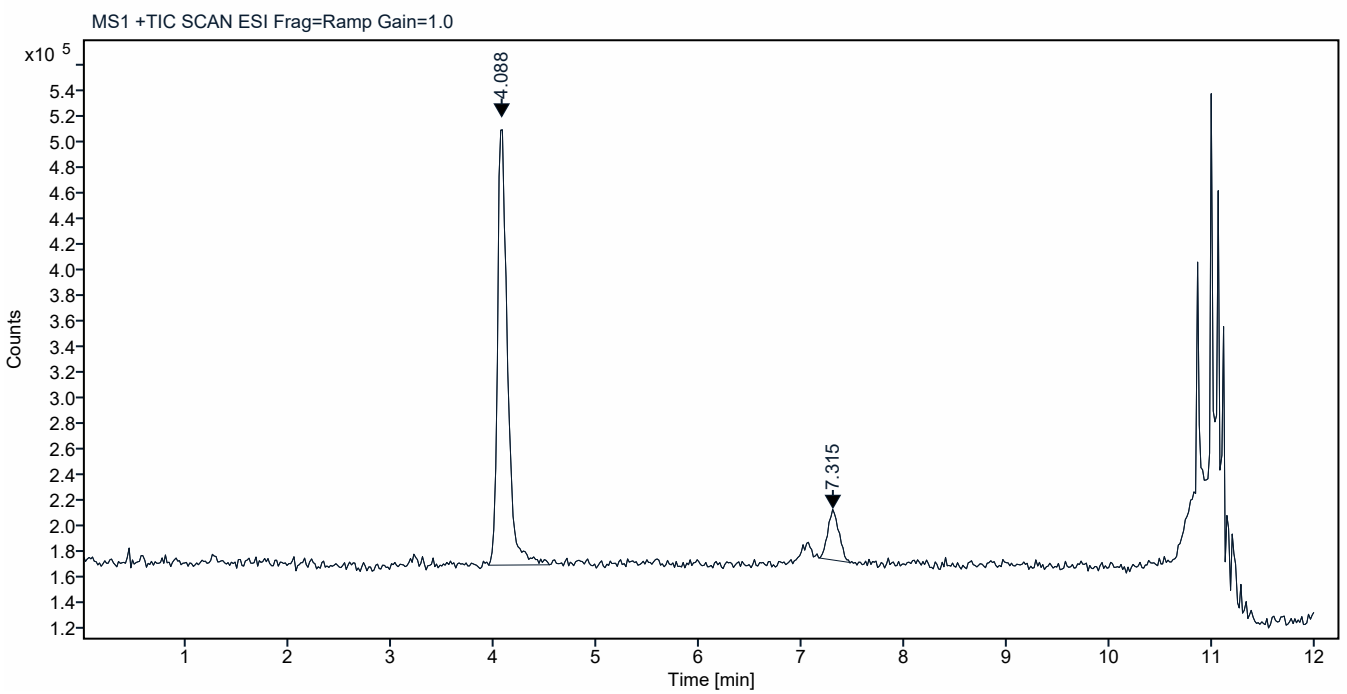


AK

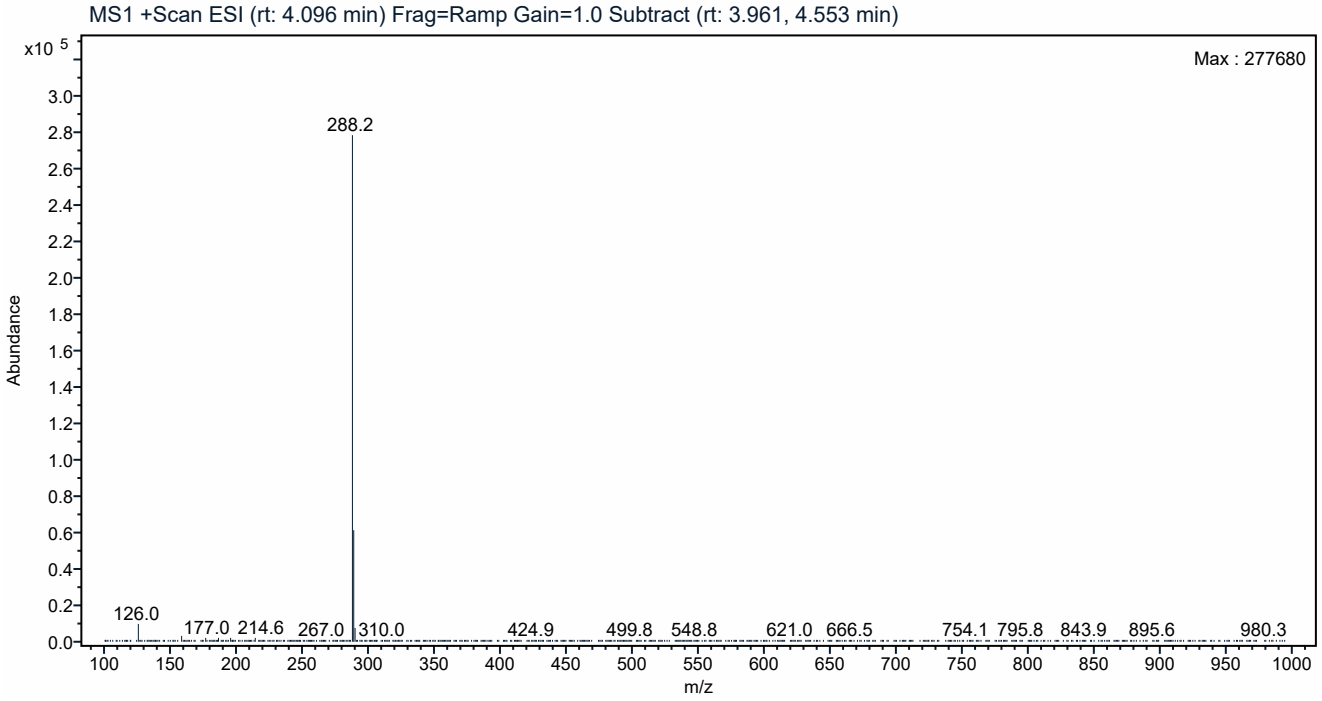
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN (3).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-04 09:23:34-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\THC STD 26uL-mL in 2mLACN (3).sirslt

Comparison STD 4



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.088

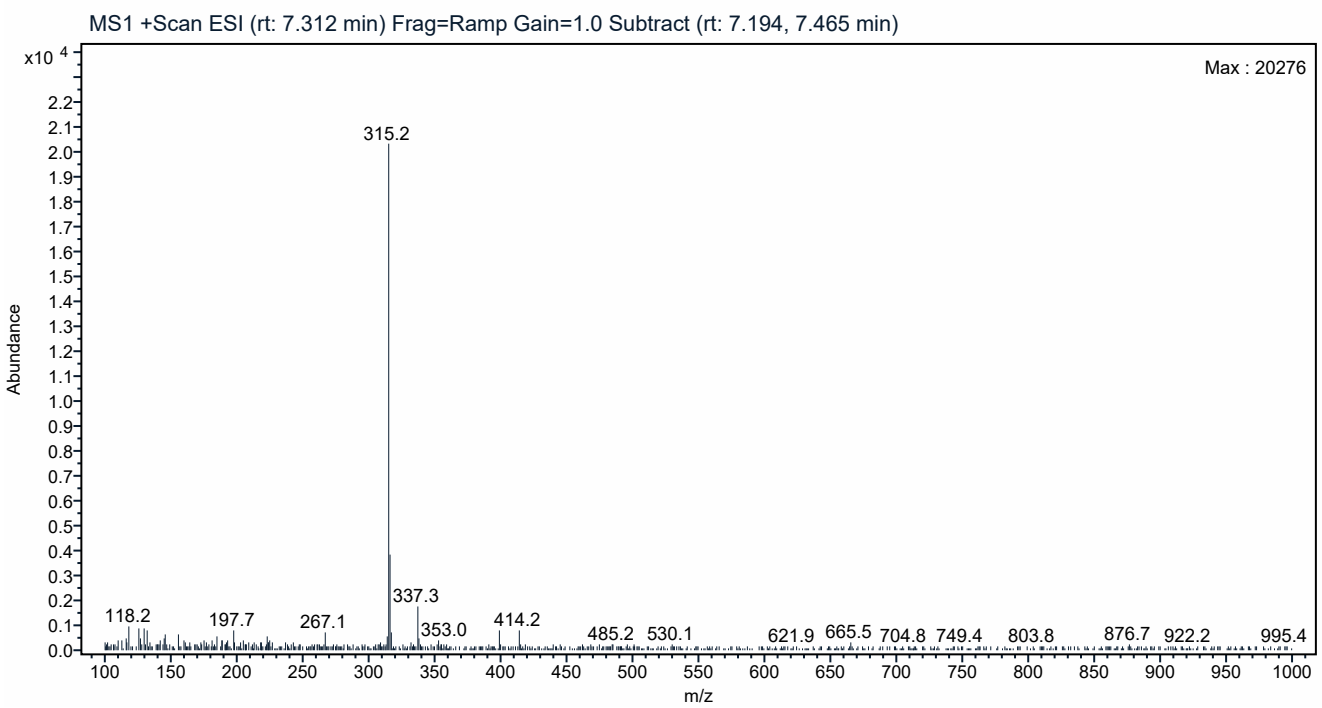


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN (3).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-04 09:23:34-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\THC STD 26uL-mL in 2mLACN (3).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.315



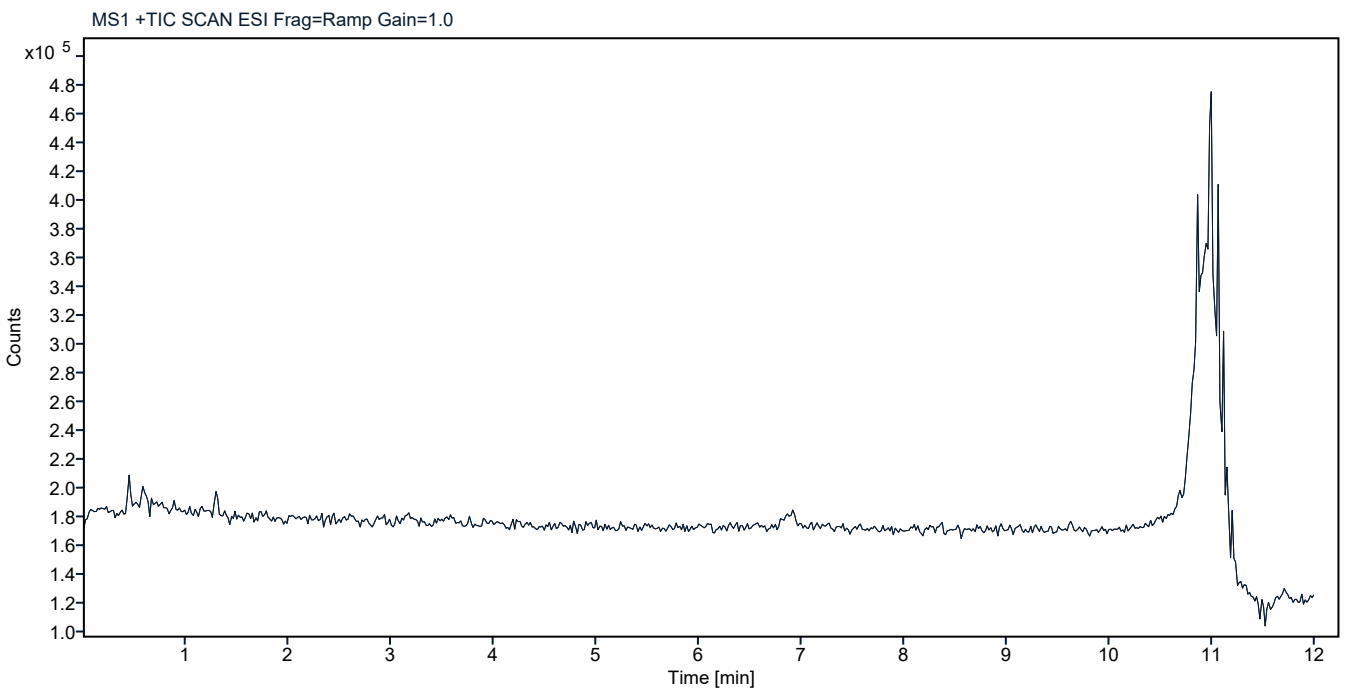
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.088	0.5925	2310661.5039	349556.0828	88.5849
7.315	0.3001	297754.3853	39642.3552	11.4151

AK

Analysis Report

Sample Name	Blank for Comparsion THC STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-05 06:32:20-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\Blank Comparsion THC STD ACN 26uL.sirslt

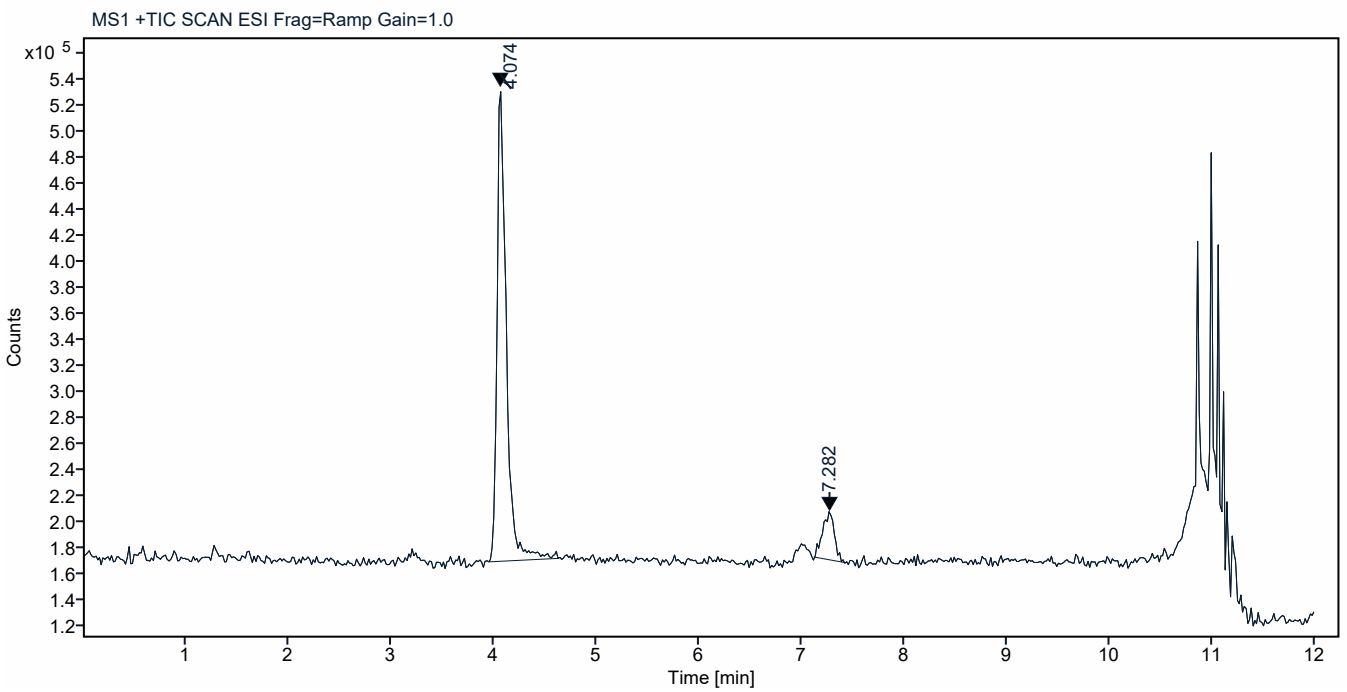


AK

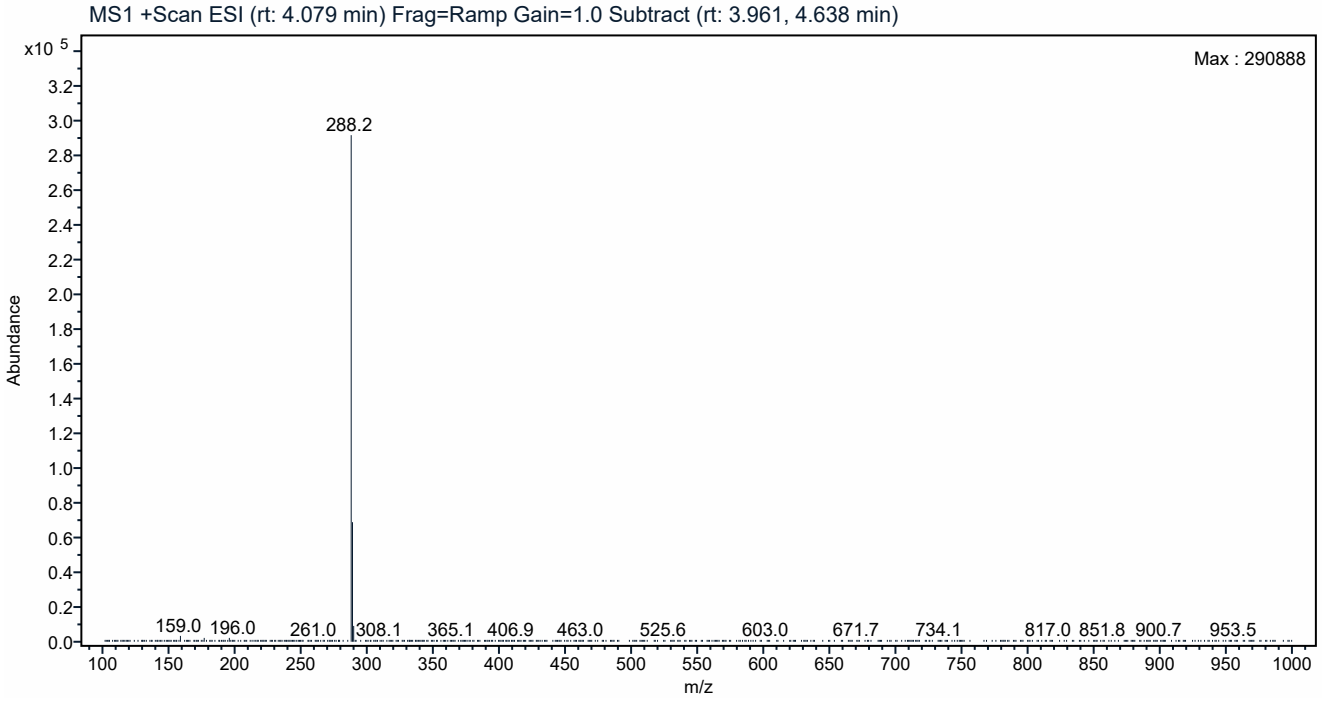
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN (7).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-04 12:06:40-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\THC STD 26uL-mL in 2mLACN (7).sirslt

Comparison STD 5



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.074

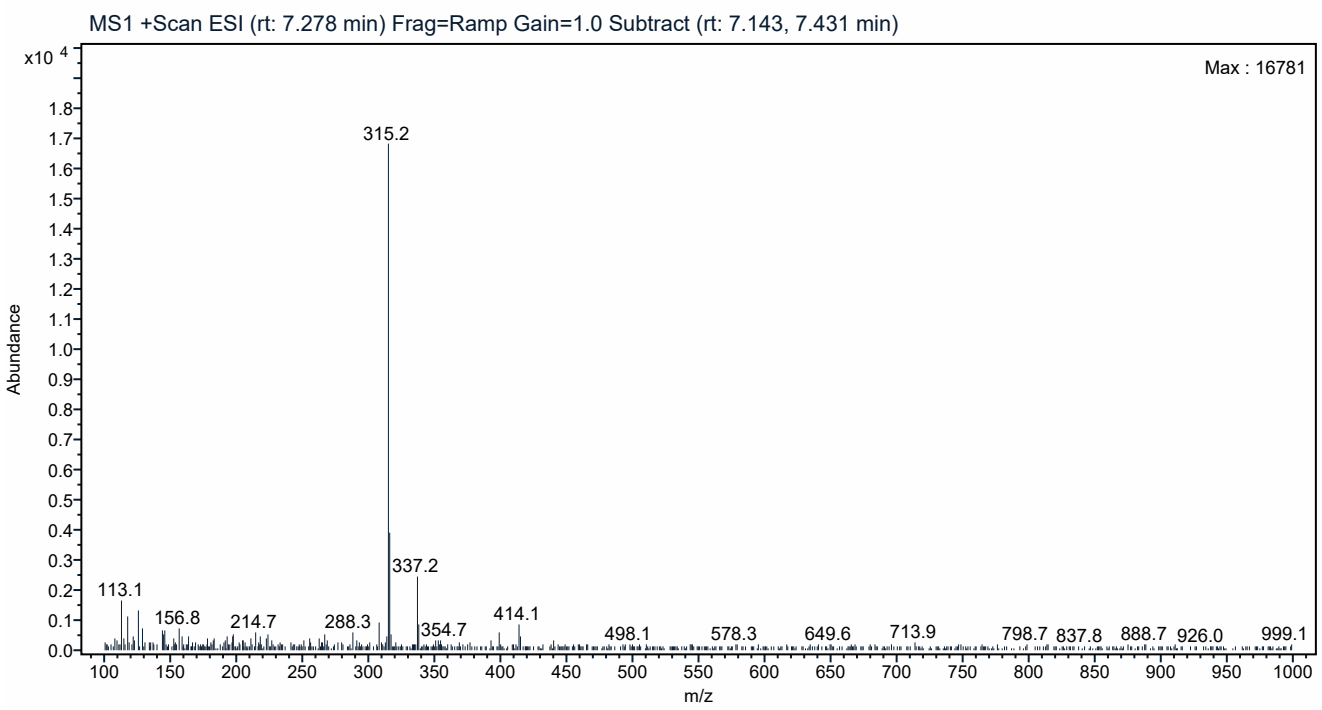


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN (7).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-04 12:06:40-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\THC STD 26uL-mL in 2mLACN (7).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.282



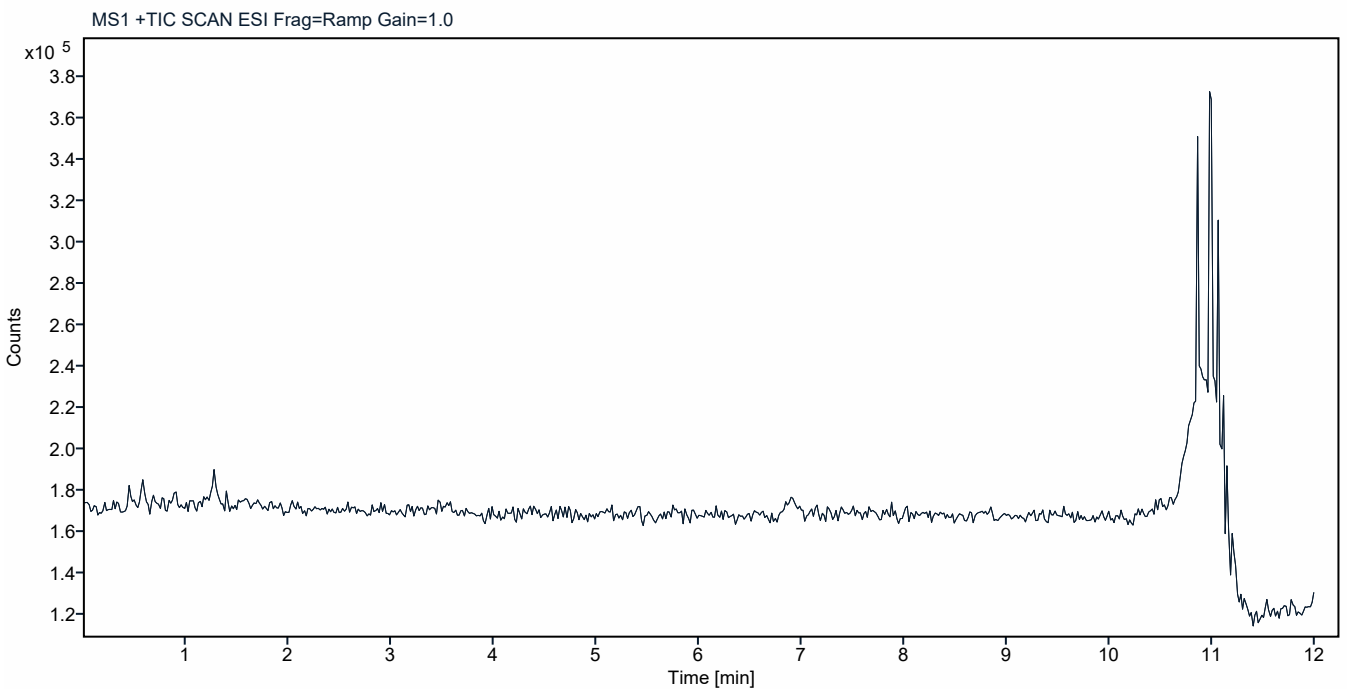
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.074	0.6770	2292339.0359	364335.9684	88.6460
7.282	0.3001	293609.9127	37253.8566	11.3540

AK

Analysis Report

Sample Name	Blank for Comparsion THC STD ACN	Injection Data File Name	Blank THC STD ACN 26uL (7).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-04 11:53:07-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\Blank THC STD ACN 26uL (7).sirslt

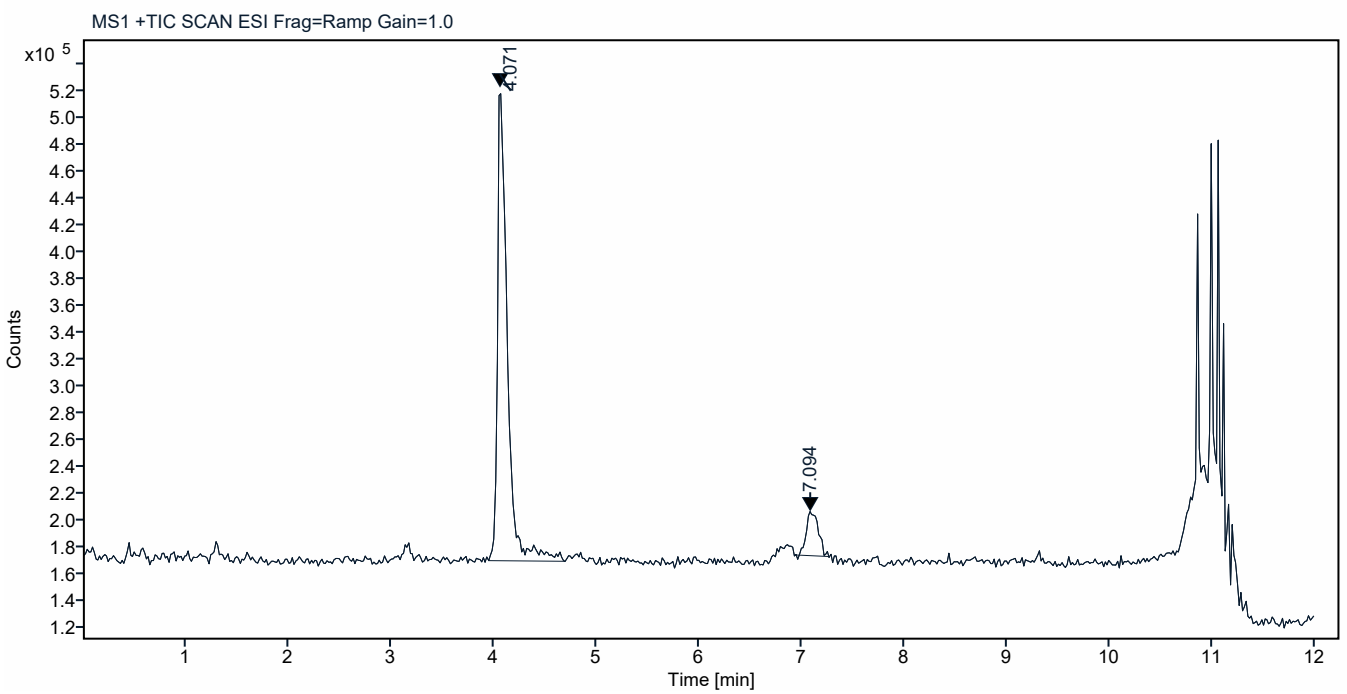


AK

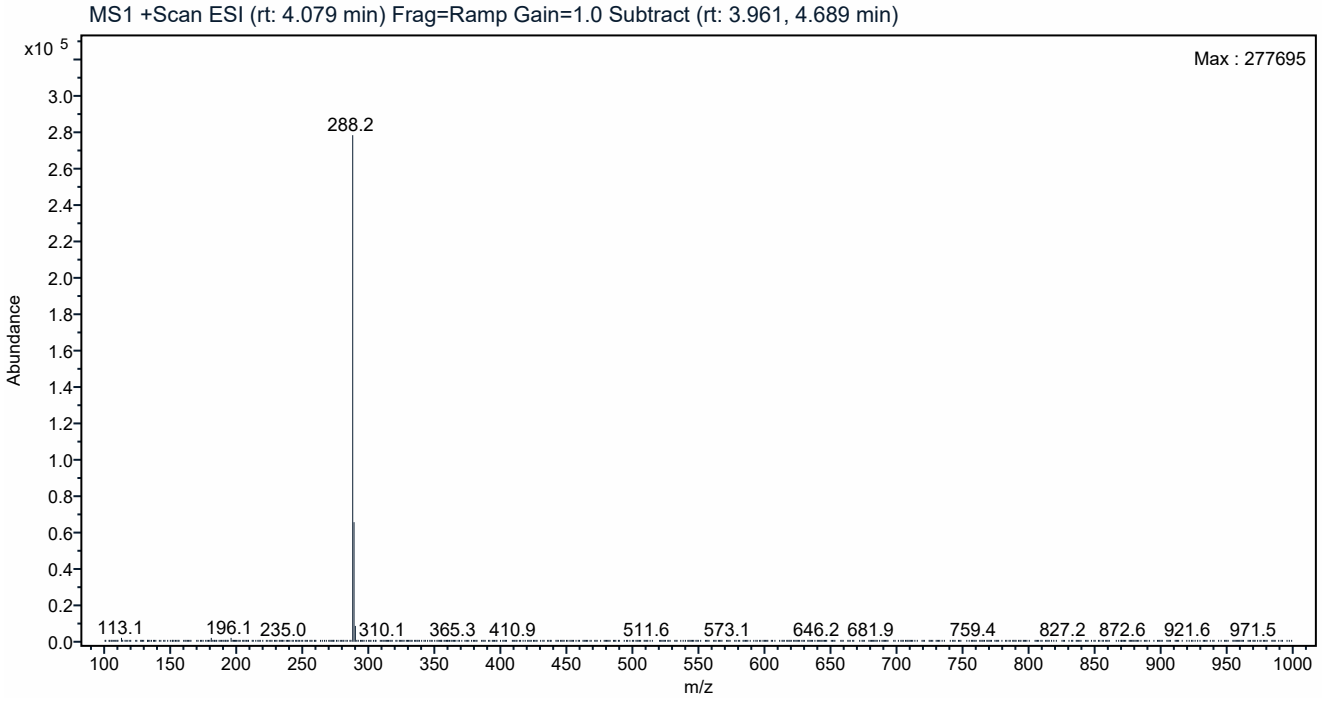
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-05 06:45:55-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\THC STD 26uL-mL in 2mLACN.sirslt

Comparison STD 6



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.071

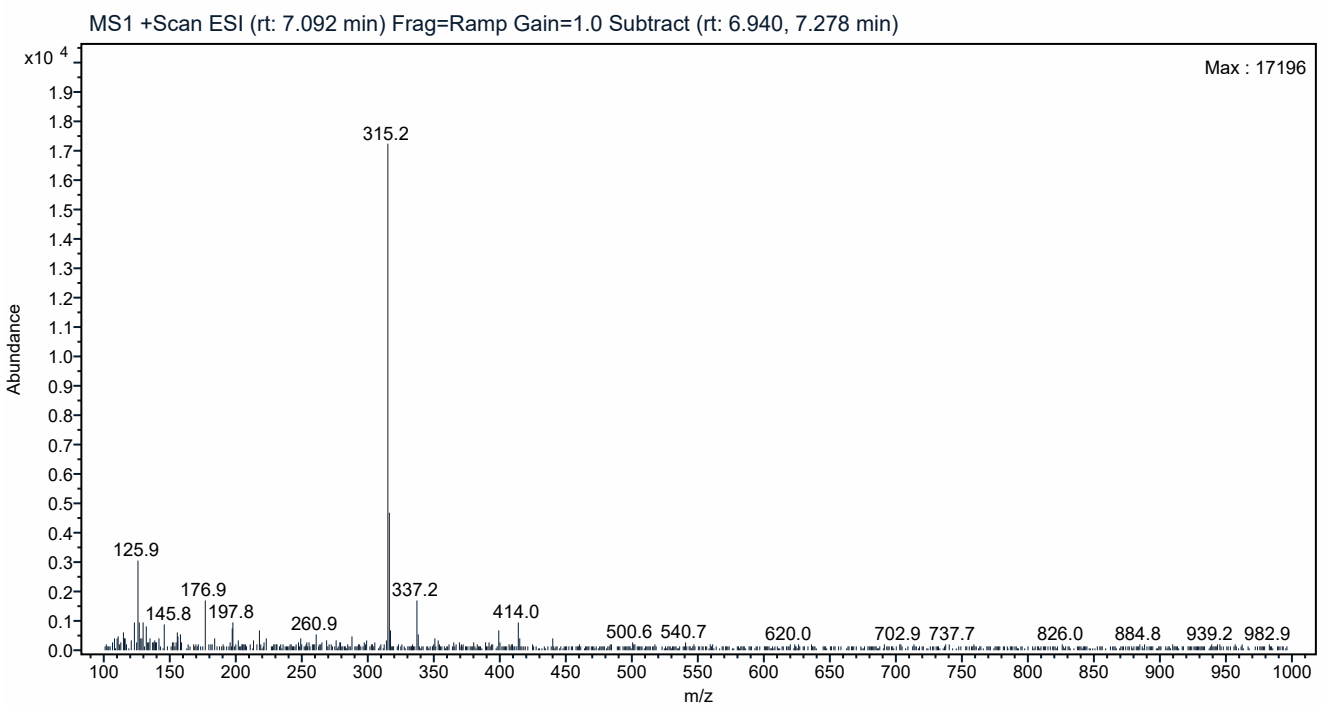


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-05 06:45:55-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\THC STD 26uL-mL in 2mLACN.sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.094



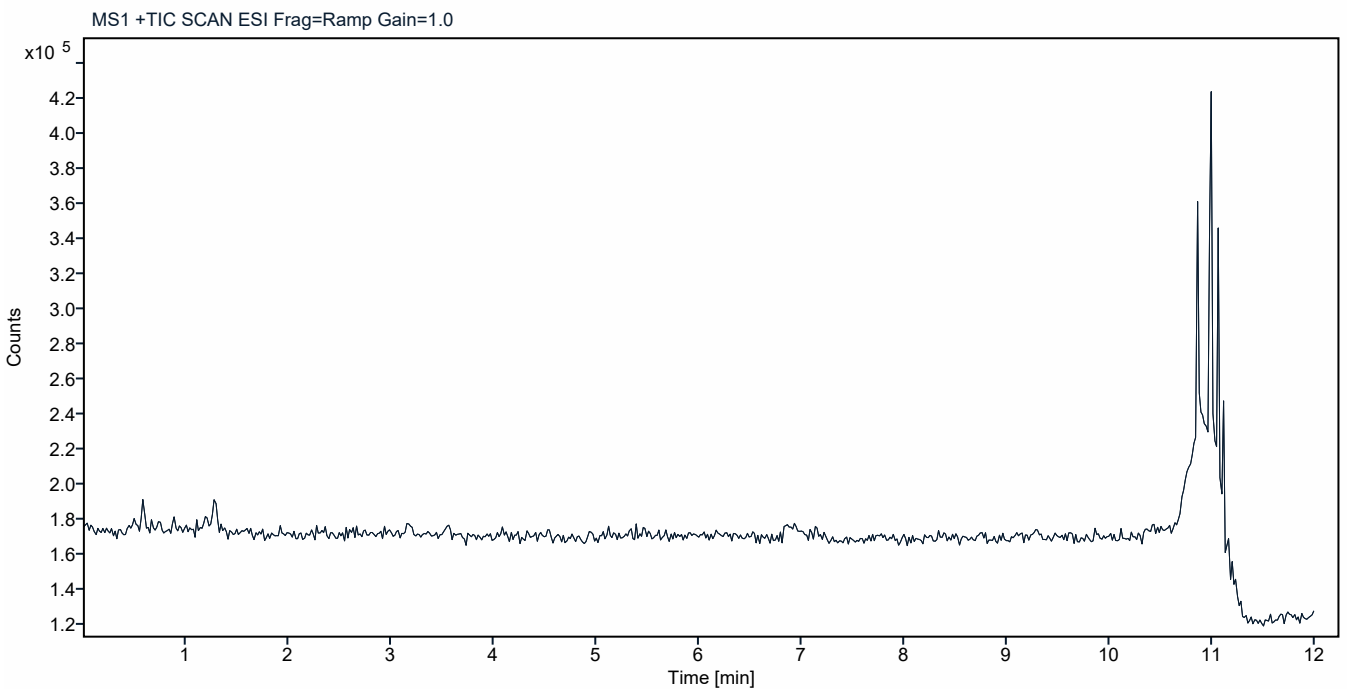
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.071	0.7411	2347302.0085	352616.2535	89.7324
7.094	0.3452	268590.3641	32885.8134	10.2676

AK

Analysis Report

Sample Name	Blank for Comparsion THC STD ACN	Injection Data File Name	Blank THC STD ACN 26uL (3).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-05 08:34:40-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\Blank THC STD ACN 26uL (3).sirslt

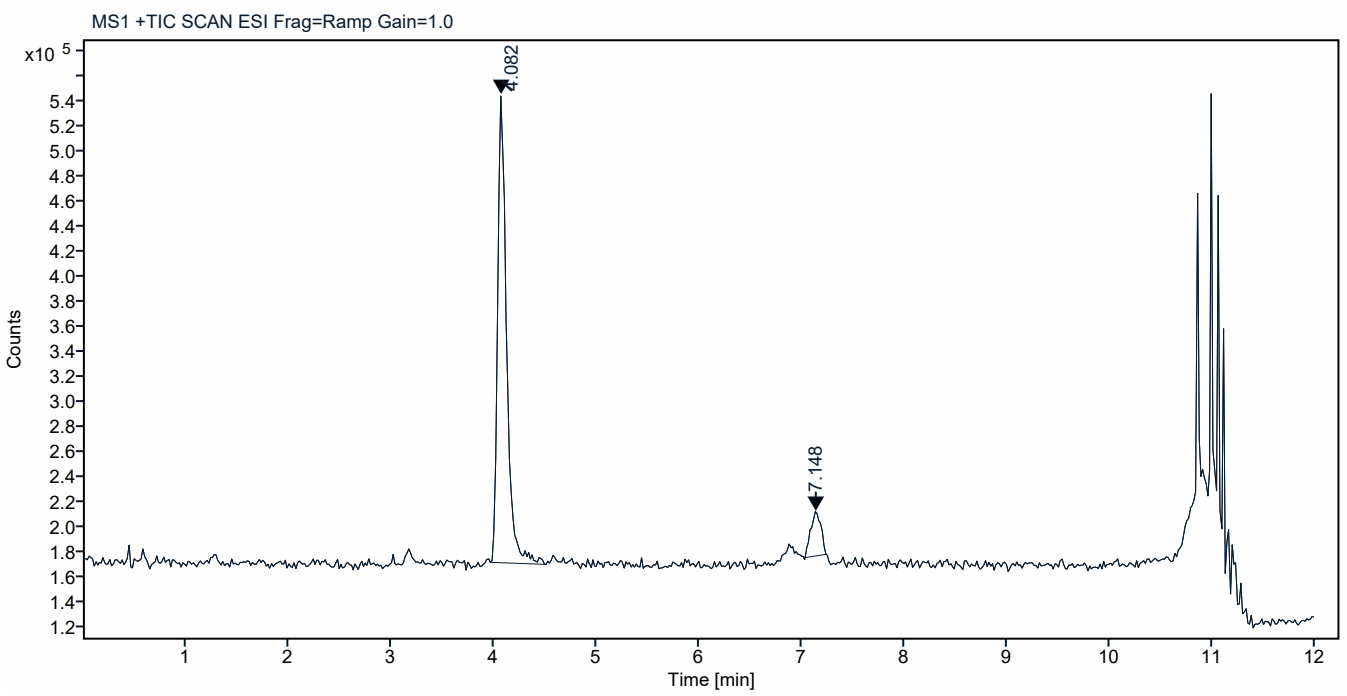


AK

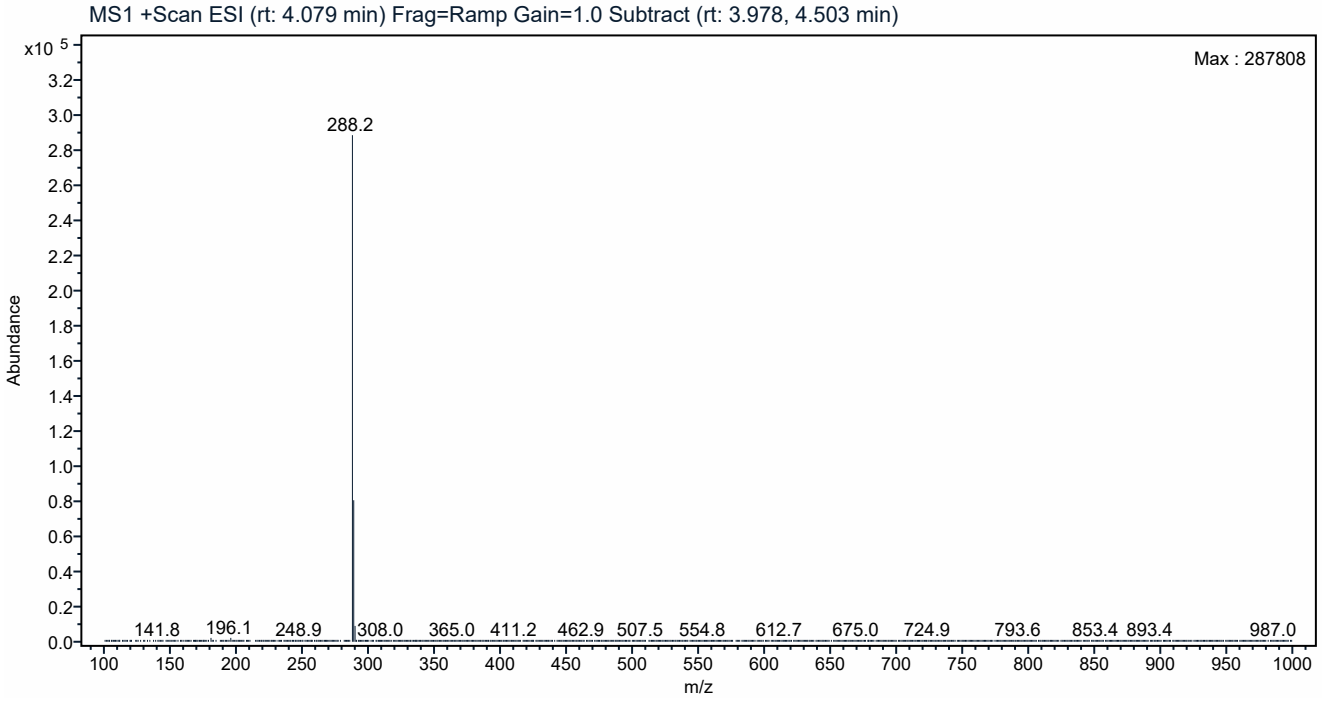
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN (3).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-05 08:48:14-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\THC STD 26uL-mL in 2mLACN (3).sirslt

Comparison STD 7



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.082

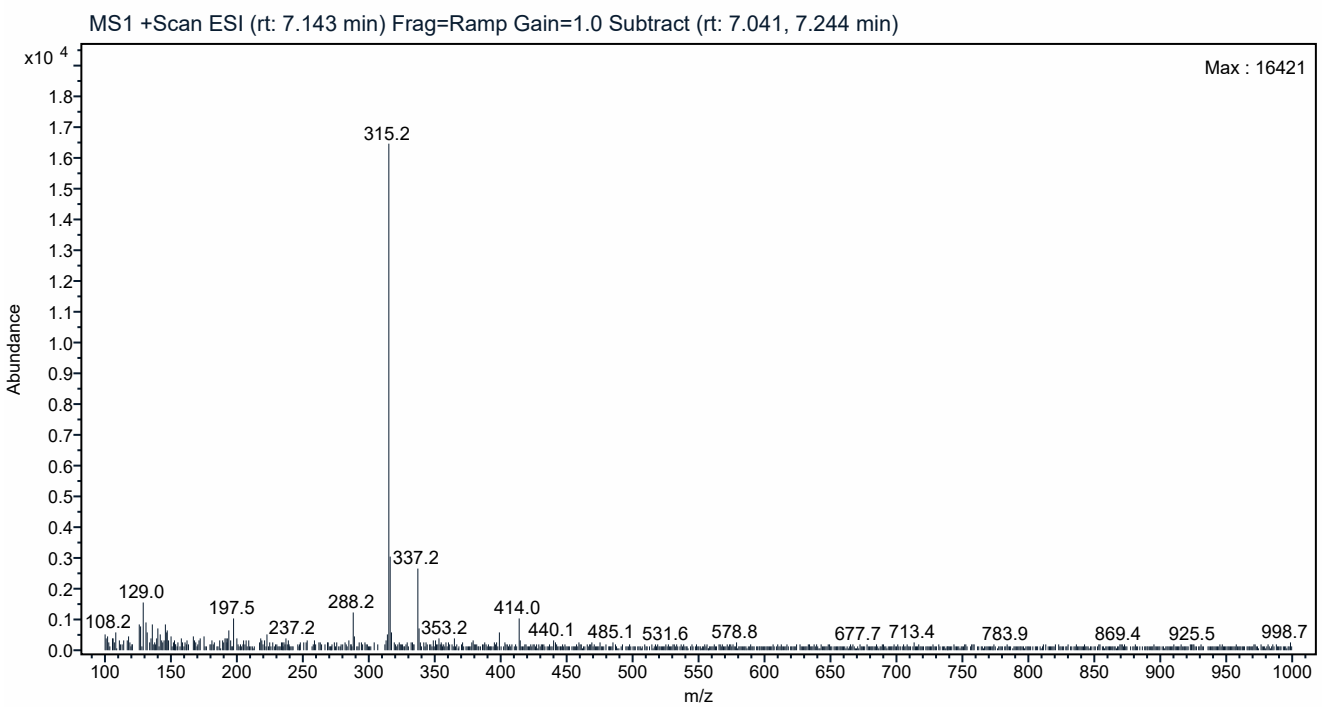


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN (3).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-05 08:48:14-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\THC STD 26uL-mL in 2mLACN (3).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.148



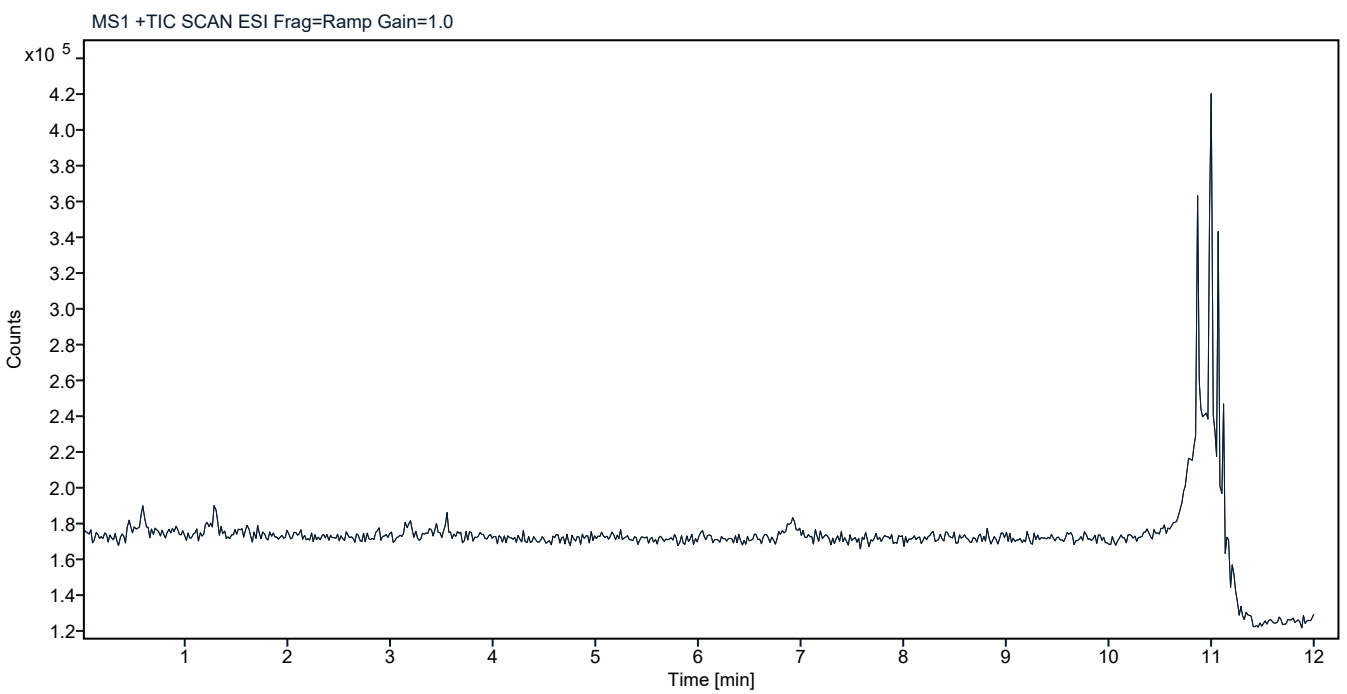
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.082	0.5359	2274864.7436	374274.9734	90.2999
7.148	0.2192	244368.0320	35890.5454	9.7001

AK

Analysis Report

Sample Name	Blank for Comparsion THC STD ACN	Injection Data File Name	Blank THC STD ACN 26uL (7).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-05 11:17:47-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\Blank THC STD ACN 26uL (7).sirslt

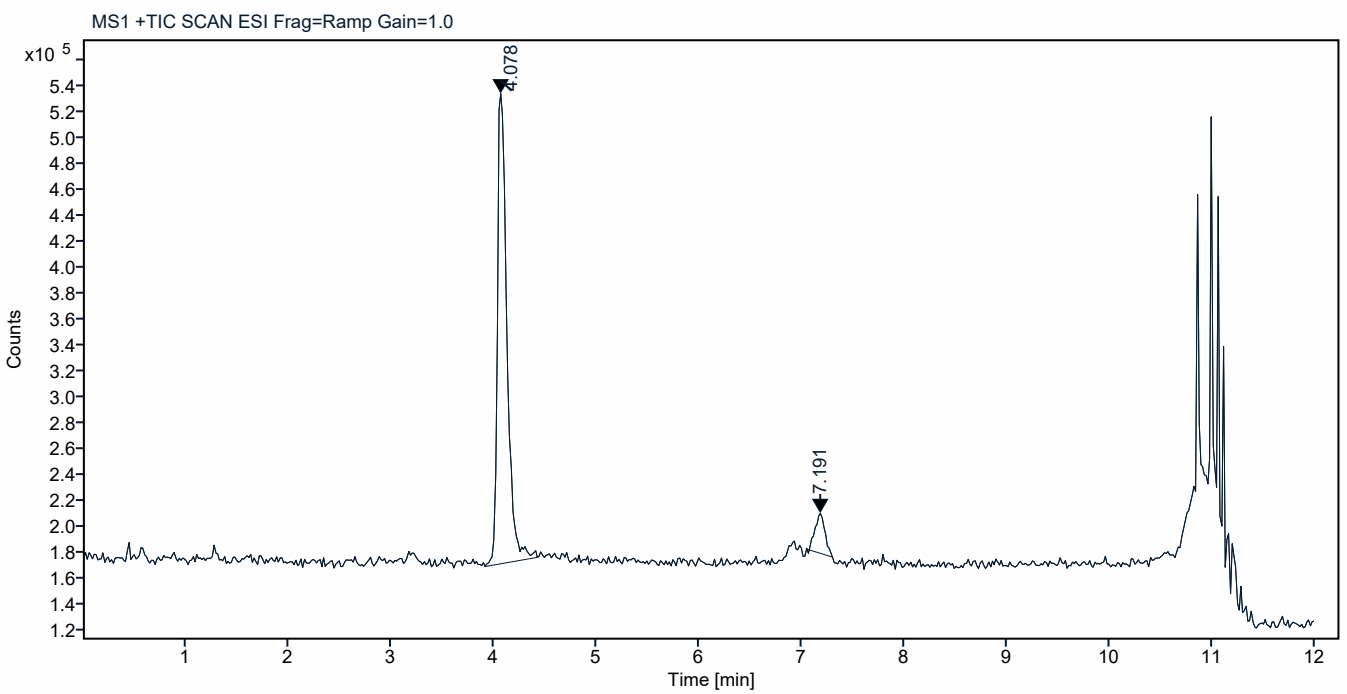


AK

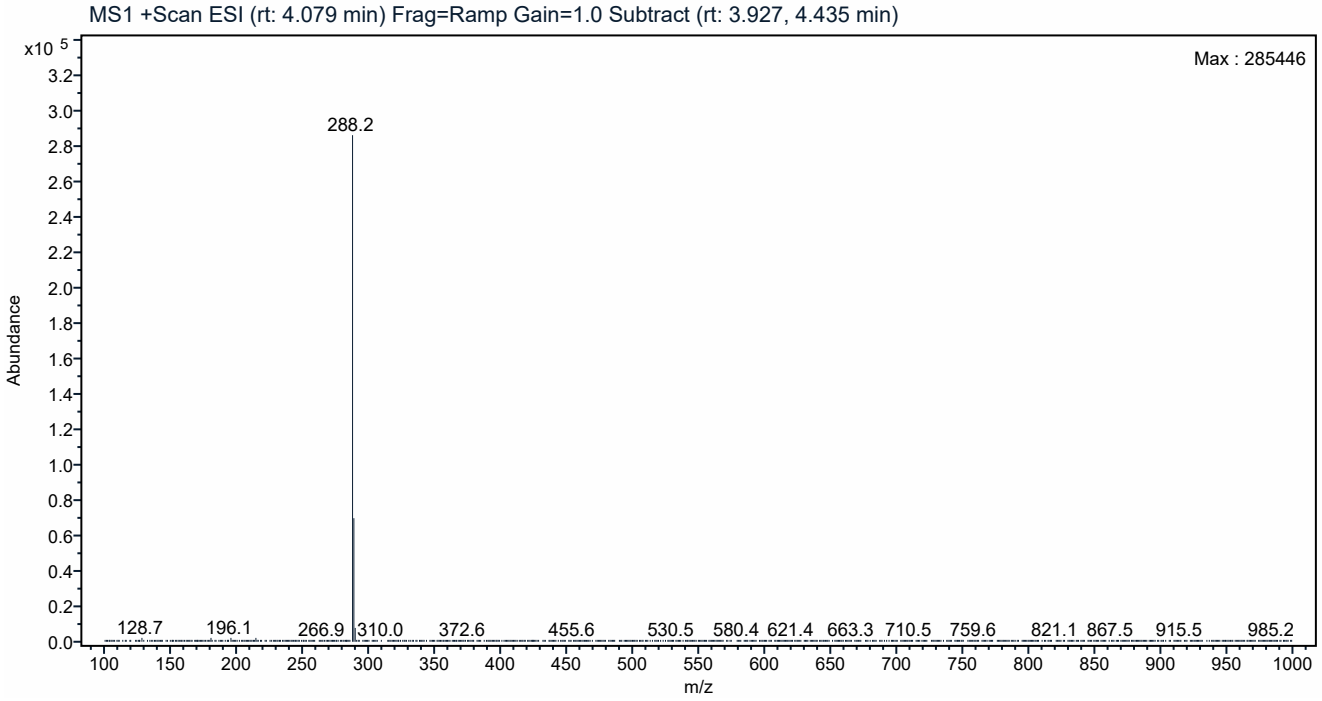
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN (7).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-05 11:31:21-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\THC STD 26uL-mL in 2mLACN (7).sirslt

Comparison STD 8



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.078

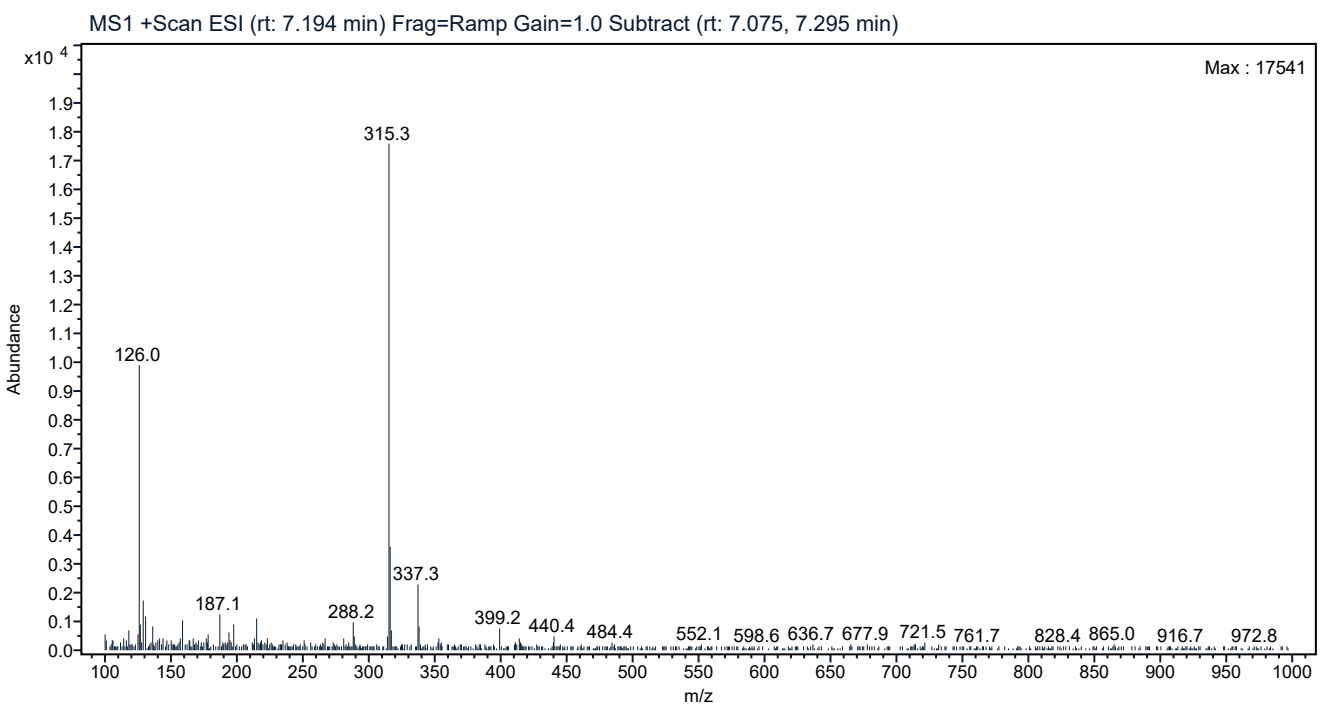


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN (7).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-05 11:31:21-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\THC STD 26uL-mL in 2mLACN (7).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.191



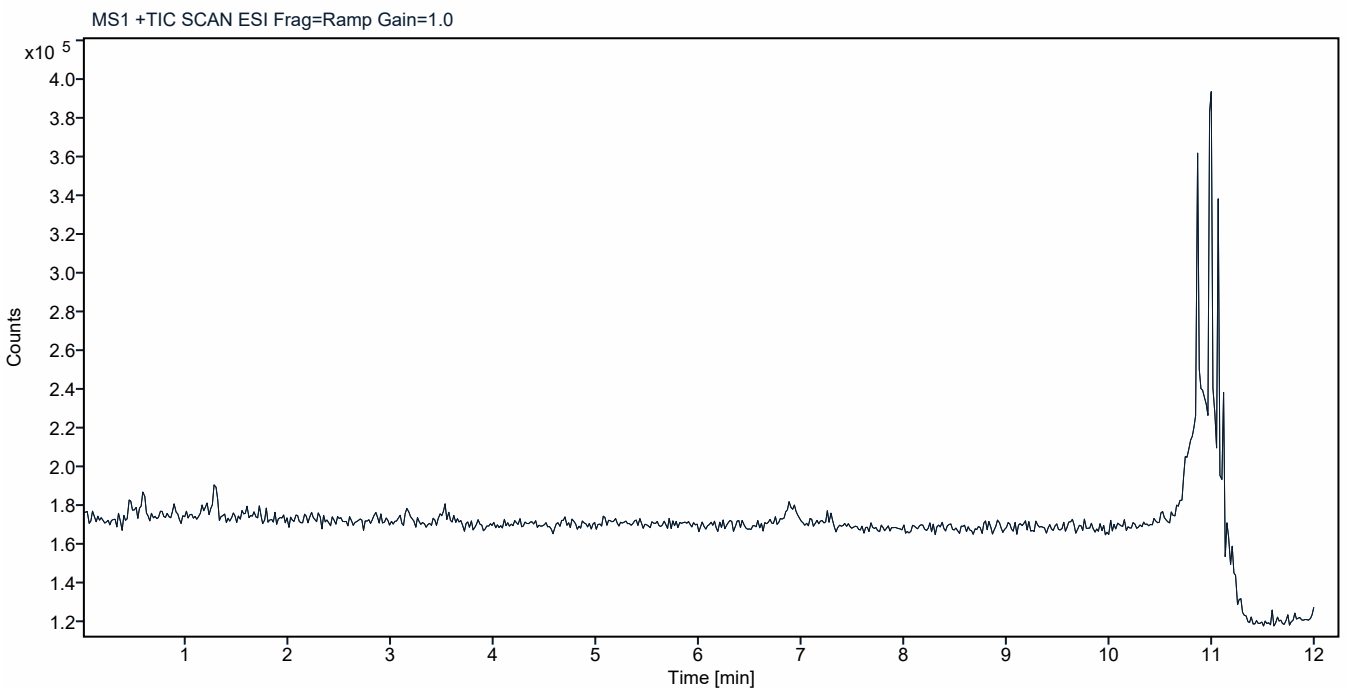
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.078	0.5078	2352345.6010	362900.1372	91.9944
7.191	0.2484	204707.8742	30913.0604	8.0056

AK

Analysis Report

Sample Name	Blank for Comparsion THC STD ACN	Injection Data File Name	Blank THC STD ACN 26uL (9).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-05 12:39:21-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\Blank THC STD ACN 26uL (9).sirslt

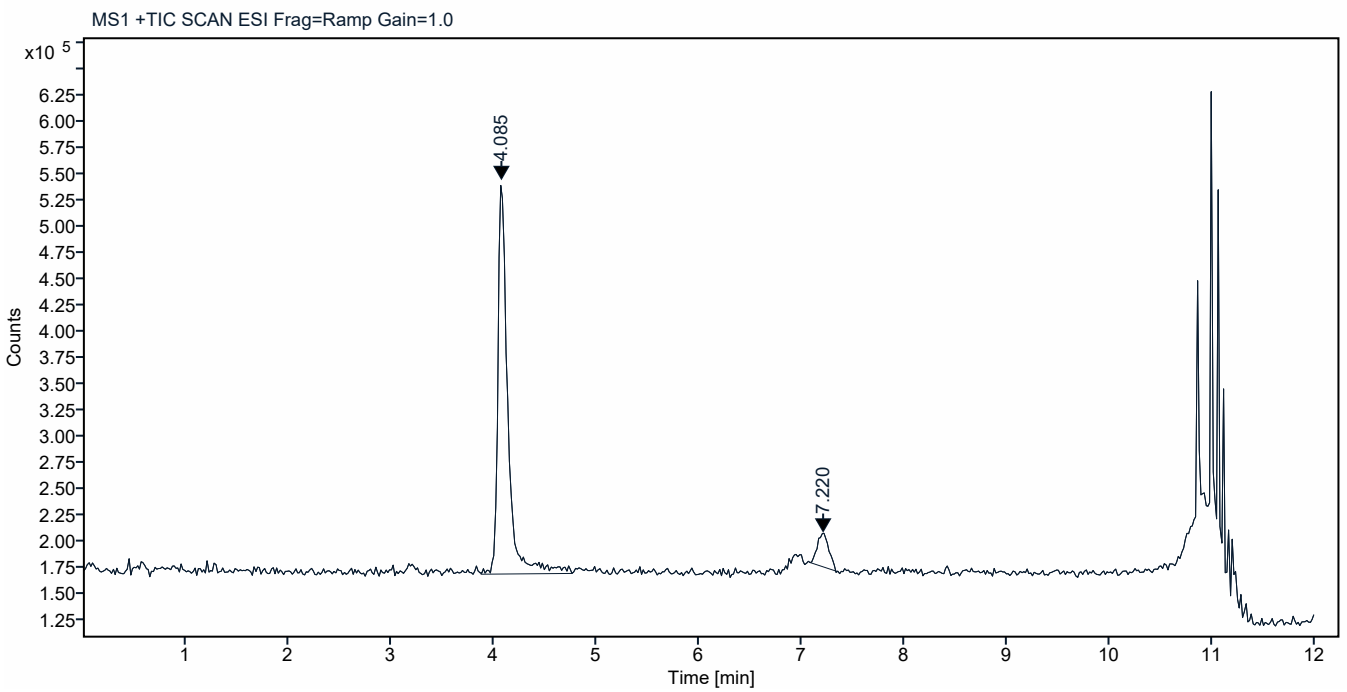


AK

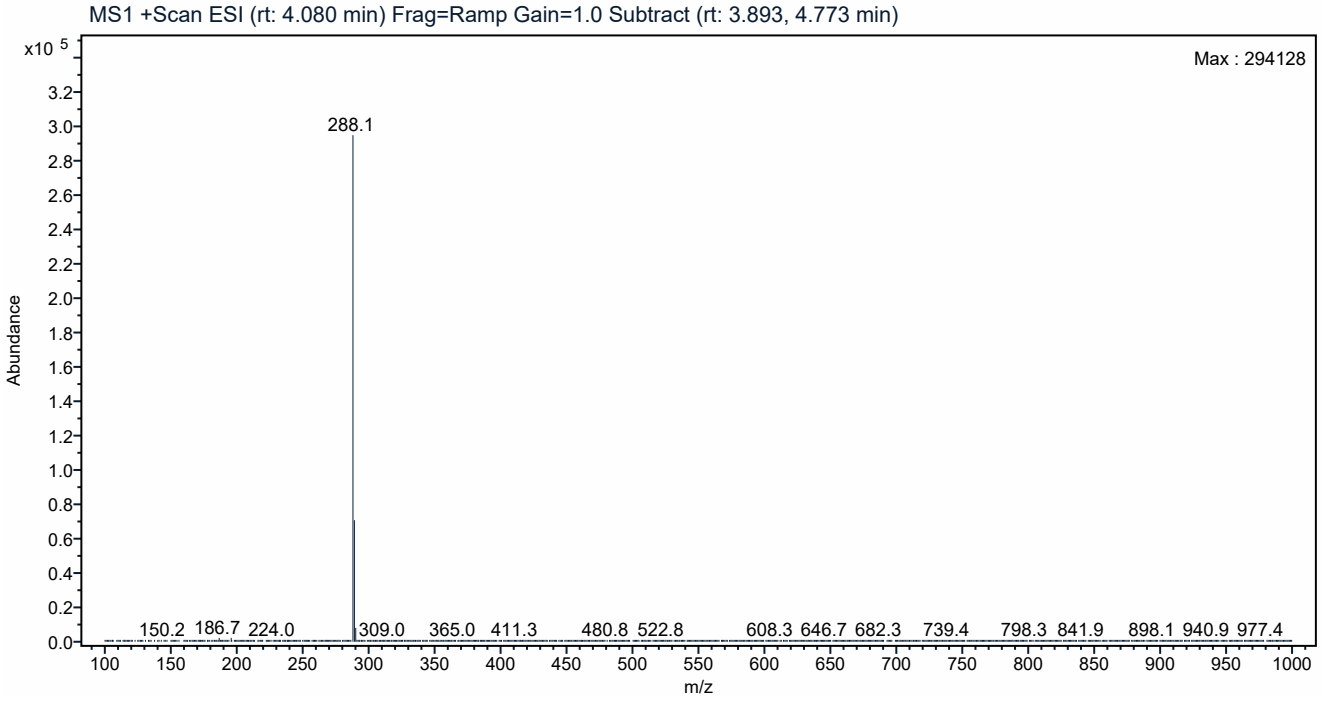
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN (9).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-05 12:52:54-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\THC STD 26uL-mL in 2mLACN (9).sirslt

Comparison STD 9



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.085

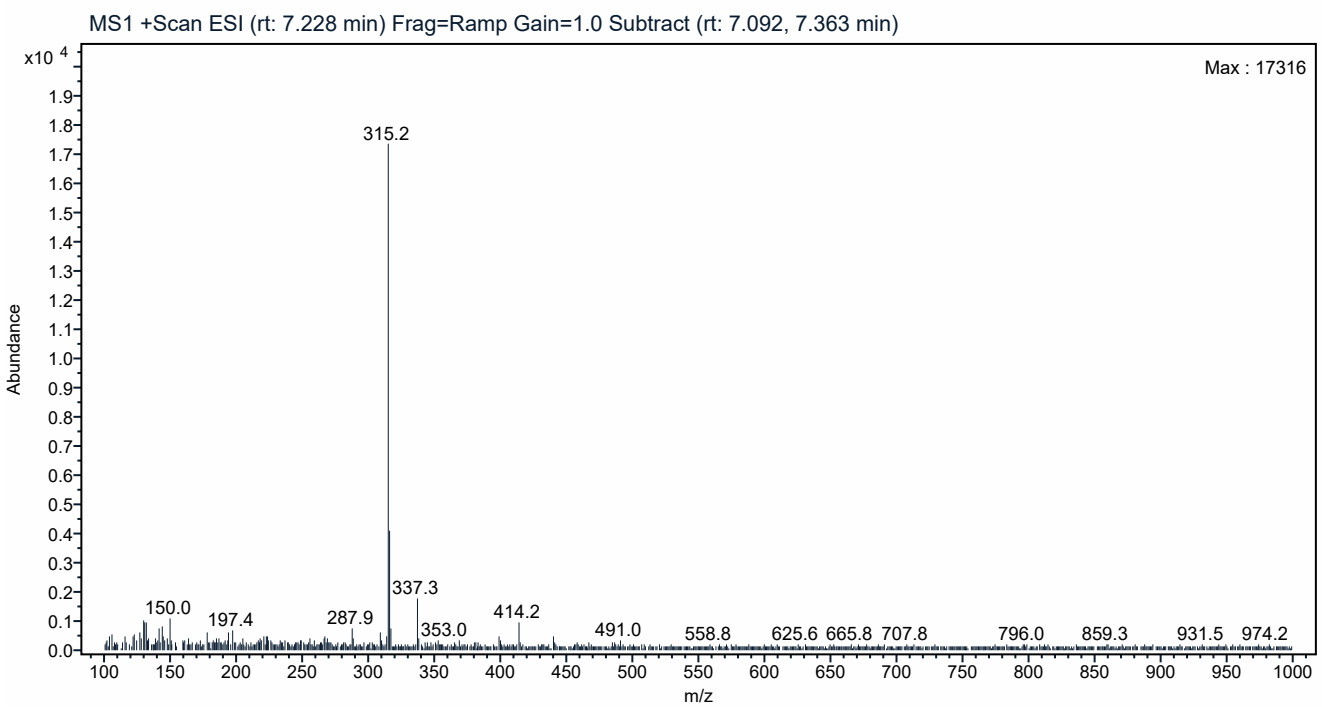


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN (9).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-05 12:52:54-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\THC STD 26uL-mL in 2mLACN (9).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.220



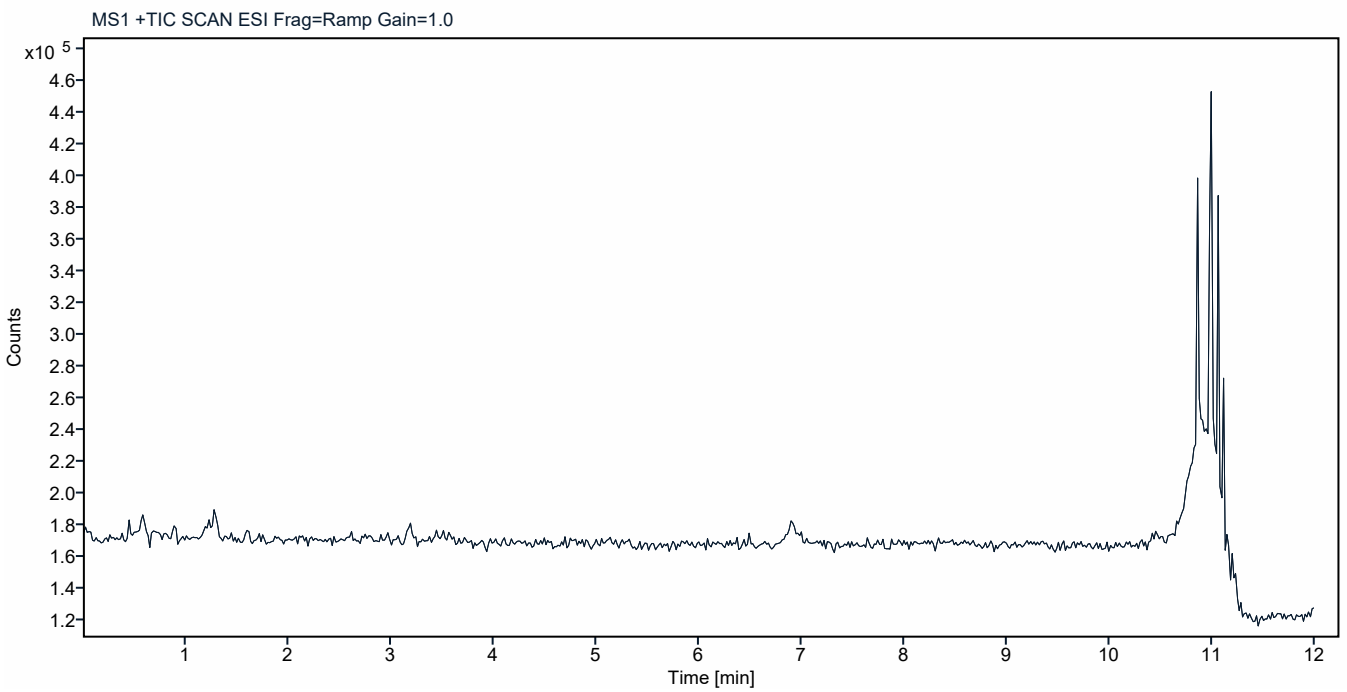
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.085	0.8872	2525050.3527	375310.6426	91.0351
7.220	0.2777	248659.1377	32449.2914	8.9649

AK

Analysis Report

Sample Name	Blank Comparsion THC STD ACN 26uL	Injection Data File Name	Blank THC STD ACN 26uL(11).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-05 22:56:39-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\Blank THC STD ACN 26uL(11).sirslt

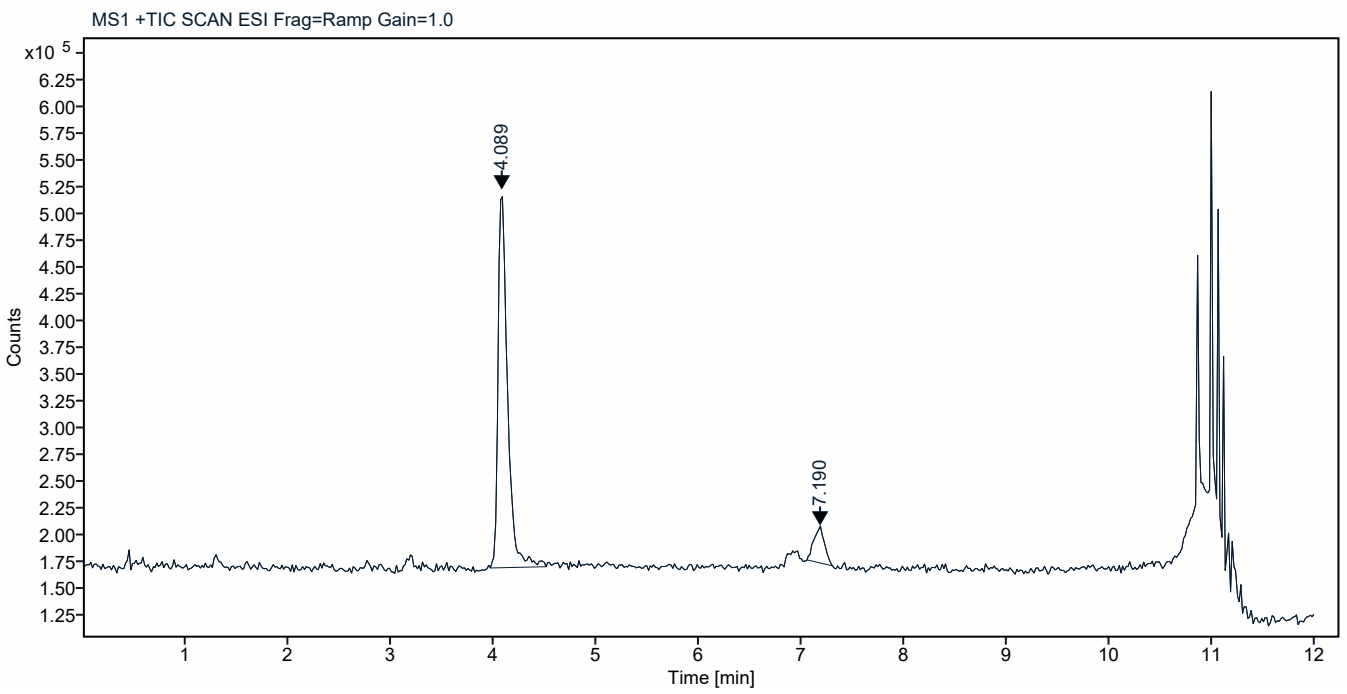


AK

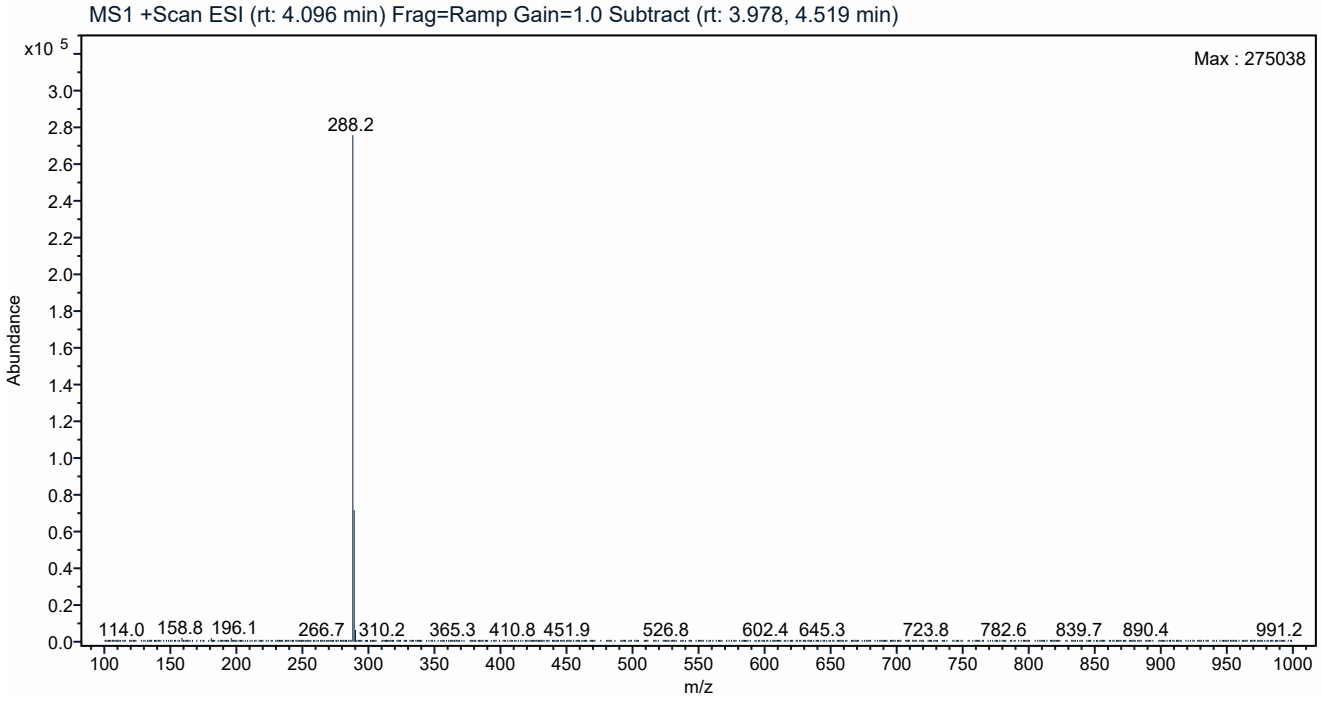
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(11).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-05 23:10:14-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\THC STD 26uL-mL in 2mLACN(11).sirslt

Comparison STD 10



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.089

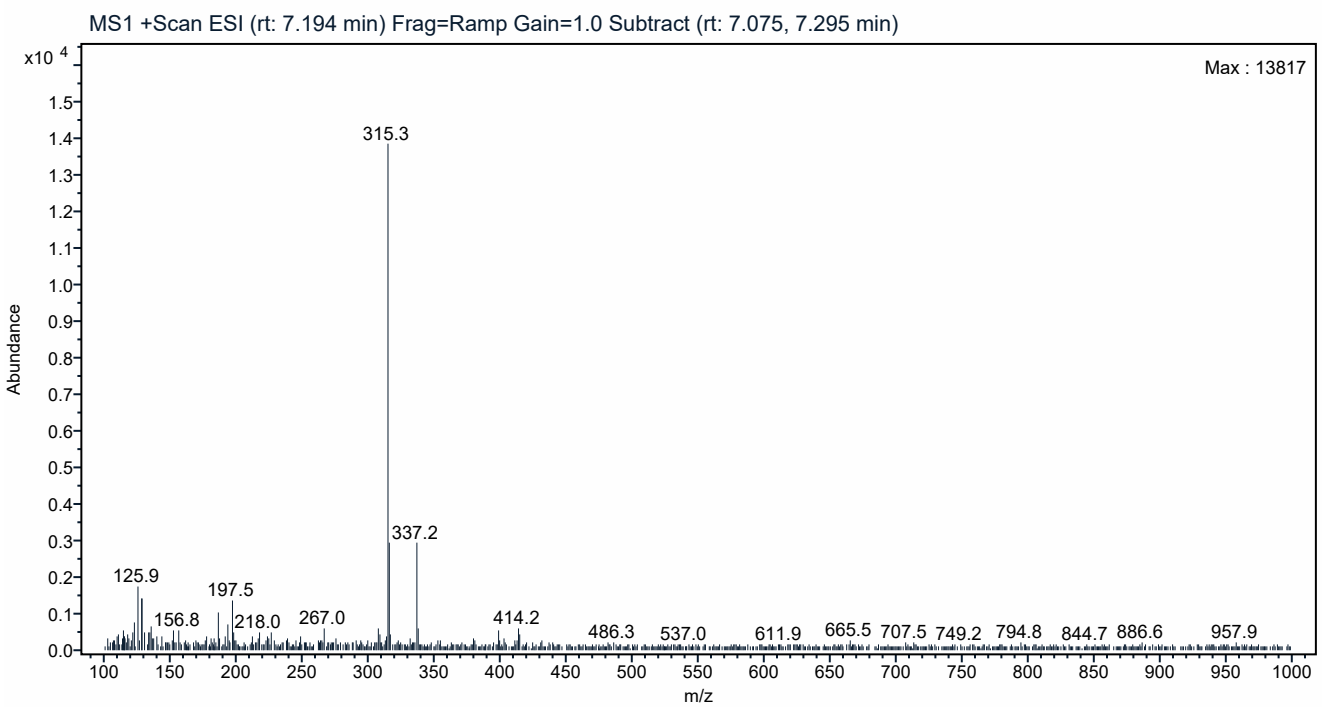


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(11).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-05 23:10:14-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\THC STD 26uL-mL in 2mLACN(11).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.190



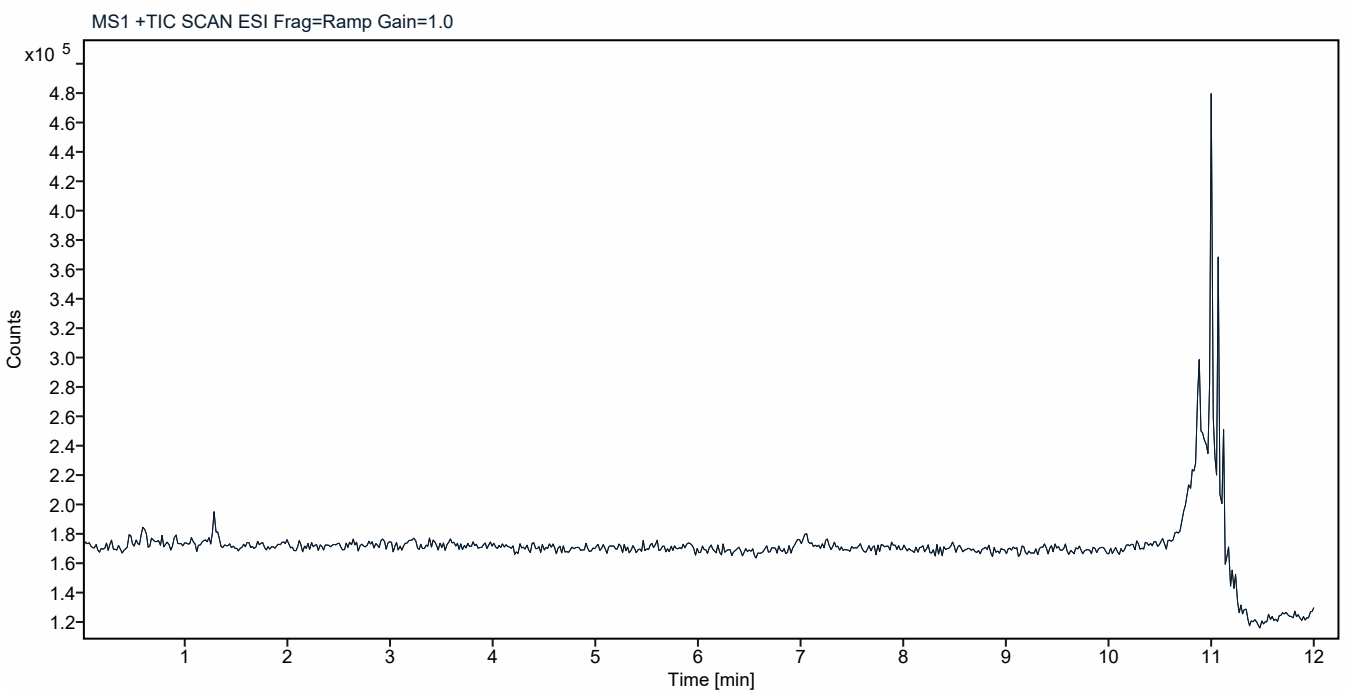
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.089	0.5416	2250958.1468	353206.6226	90.2502
7.190	0.2484	243173.6412	34776.1296	9.7498

AK

Analysis Report

Sample Name	Blank for Comparsion THC STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL(13).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-06 00:18:12-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\Blank Comparsion THC STD ACN 26uL (13).sirslt

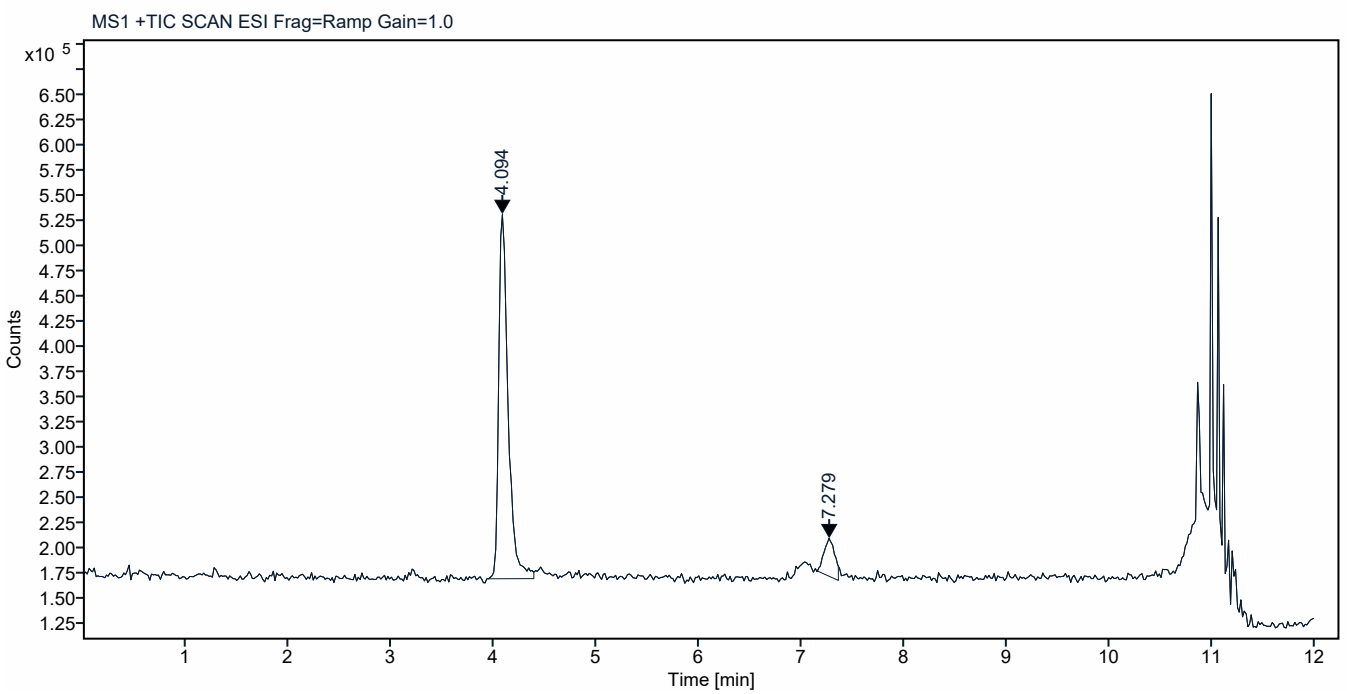


AK

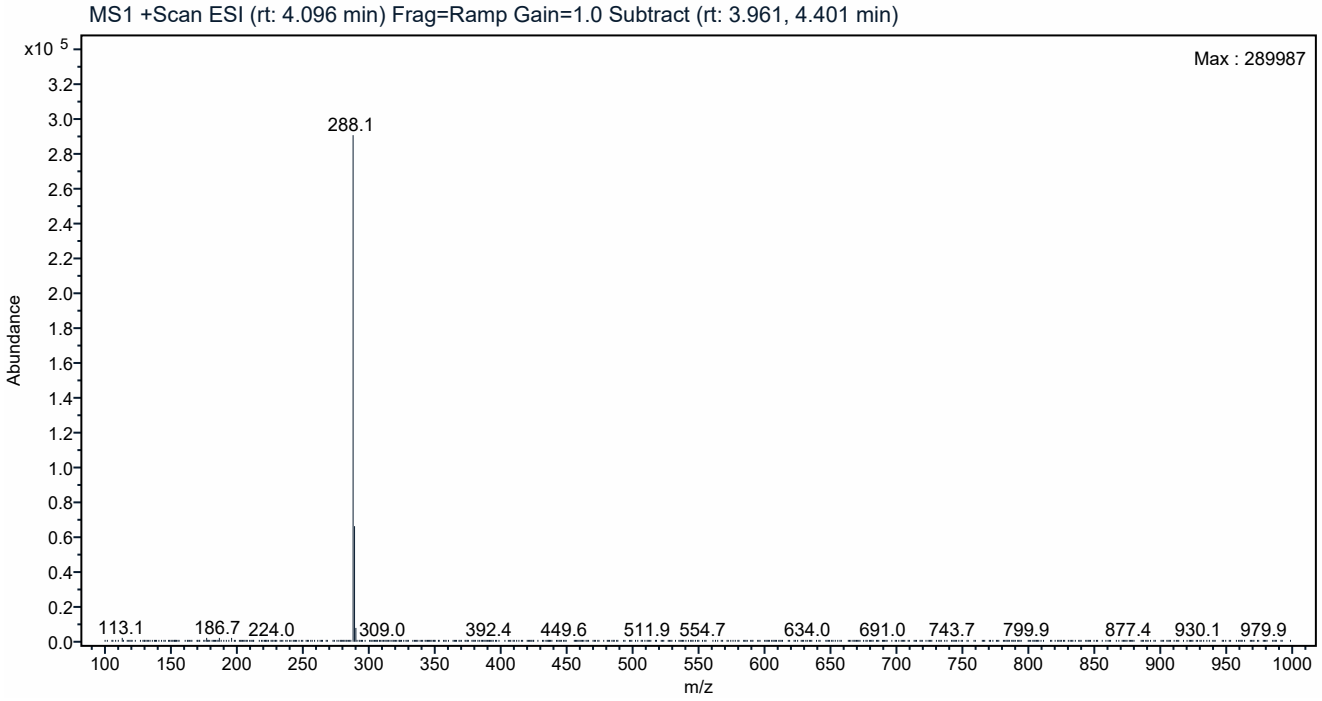
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(13).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-06 00:31:46-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\THC STD 26uL-mL in 2mLACN(13).sirslt

Comparison STD 11



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.094

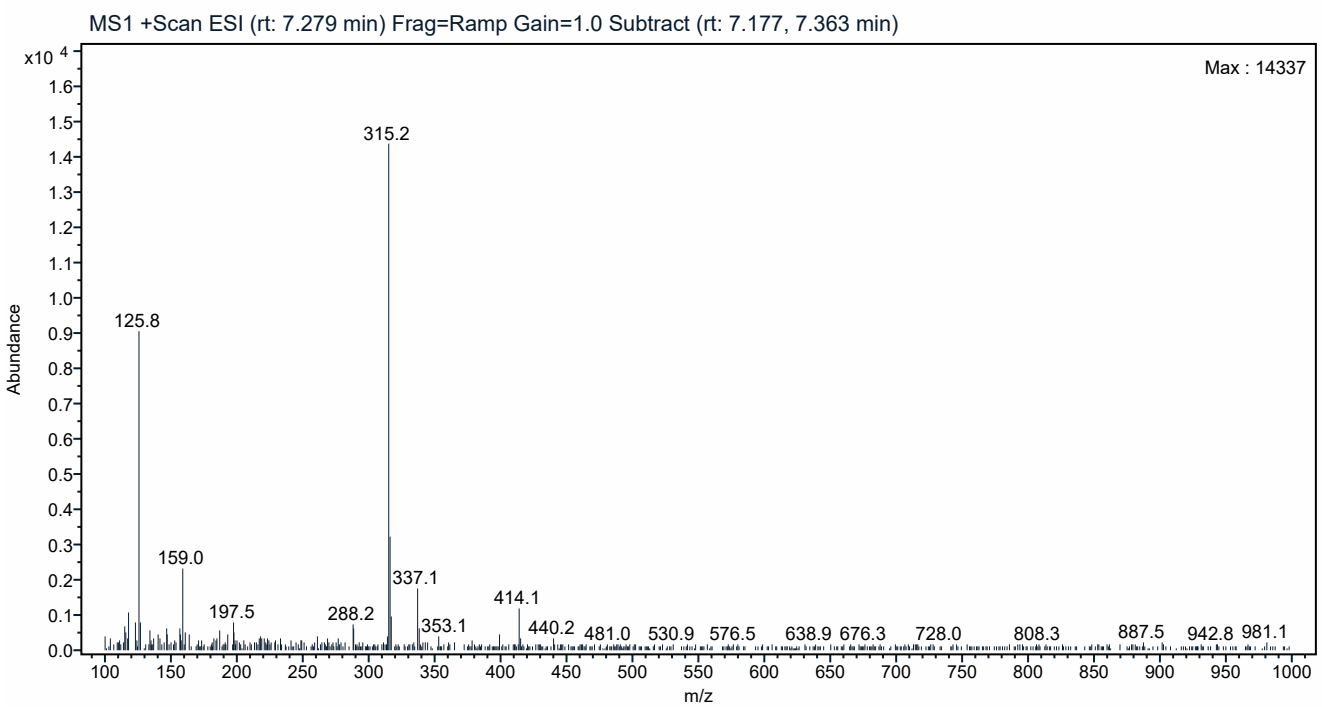


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(13).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-06 00:31:46-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\THC STD 26uL-mL in 2mLACN(13).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.279



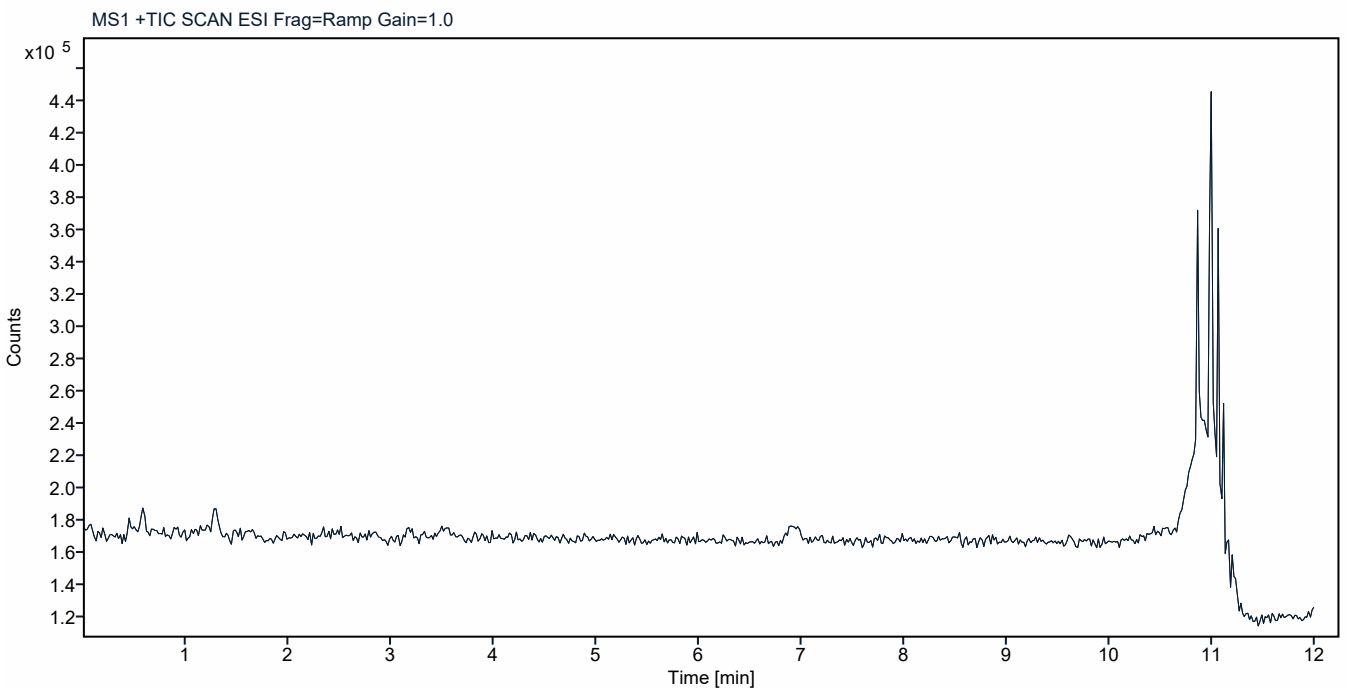
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.094	0.4402	2315161.3851	361957.2553	89.4519
7.279	0.2046	273001.0275	37629.4066	10.5481

AK

Analysis Report

Sample Name	Blank for Comparsion THC STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-06 02:34:09-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\Blank Comparsion THC STD ACN 26uL.sirslt

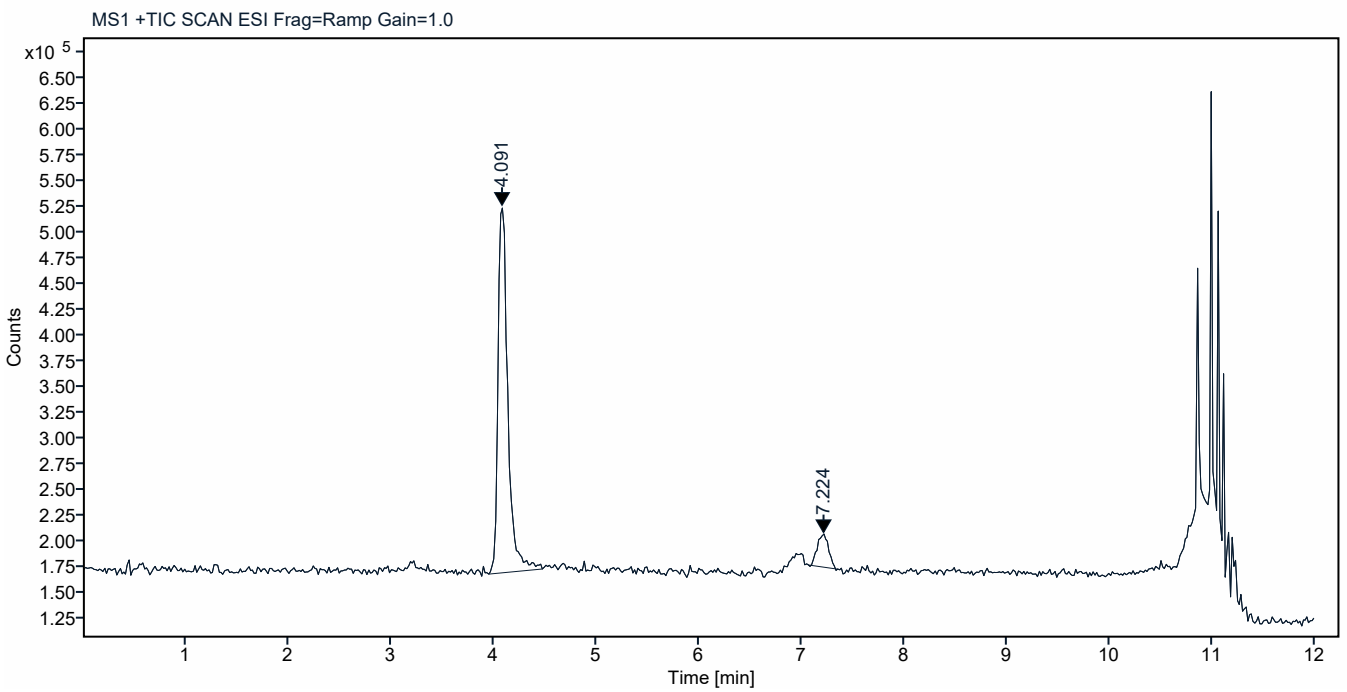


AK

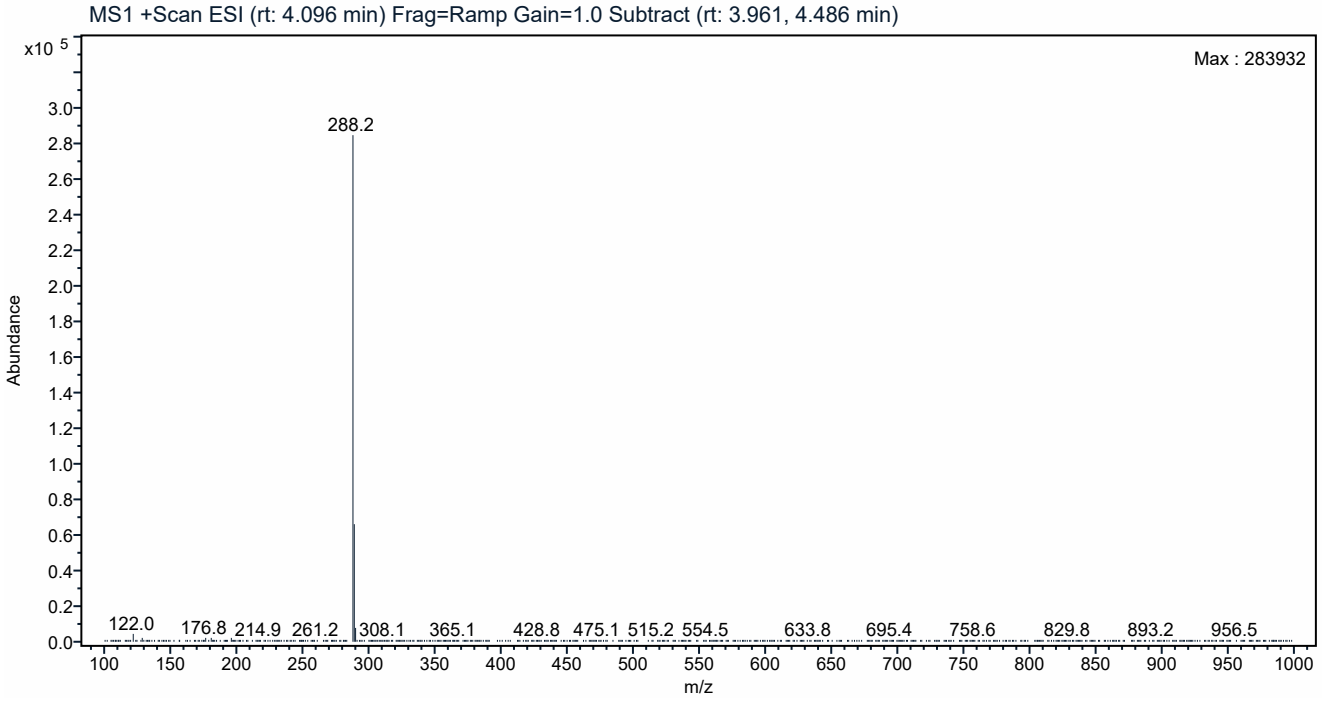
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-06 02:47:43-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\THC STD 26uL-mL in 2mLACN.sirslt

Comparison STD 12



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.091

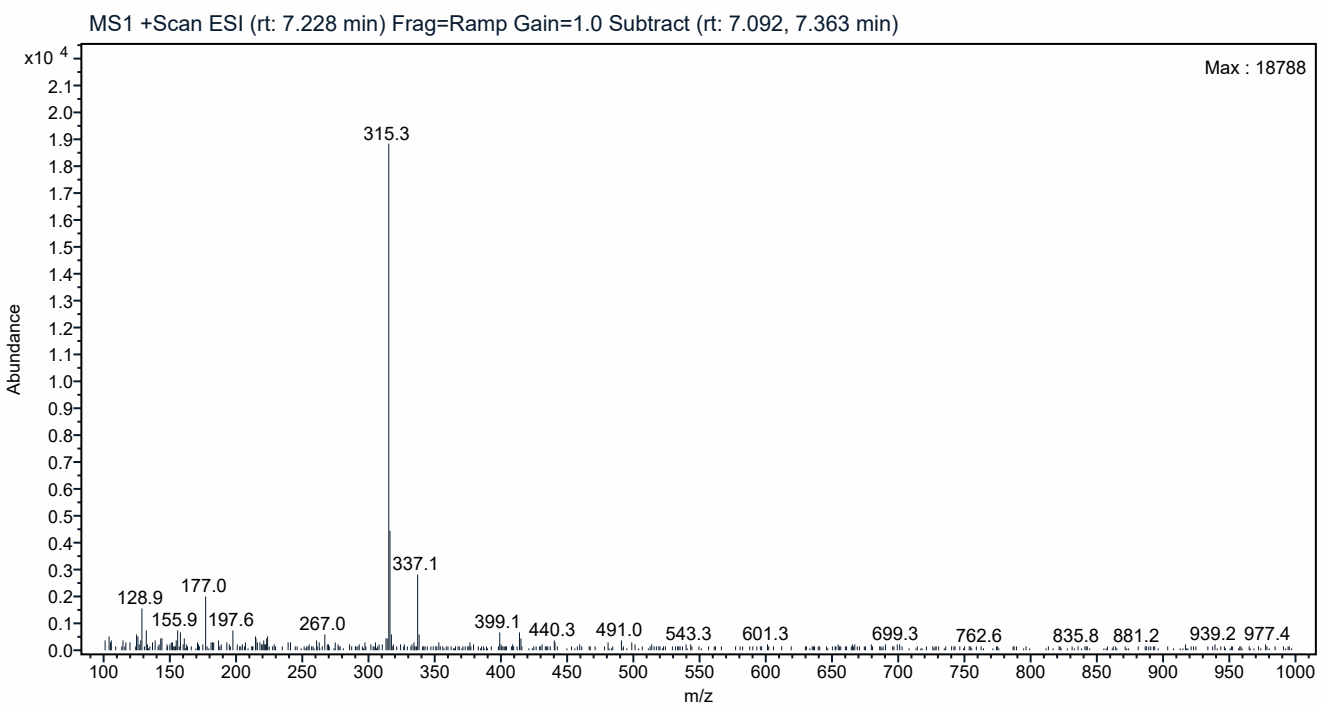


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-06 02:47:43-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\THC STD 26uL-mL in 2mLACN.sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.224



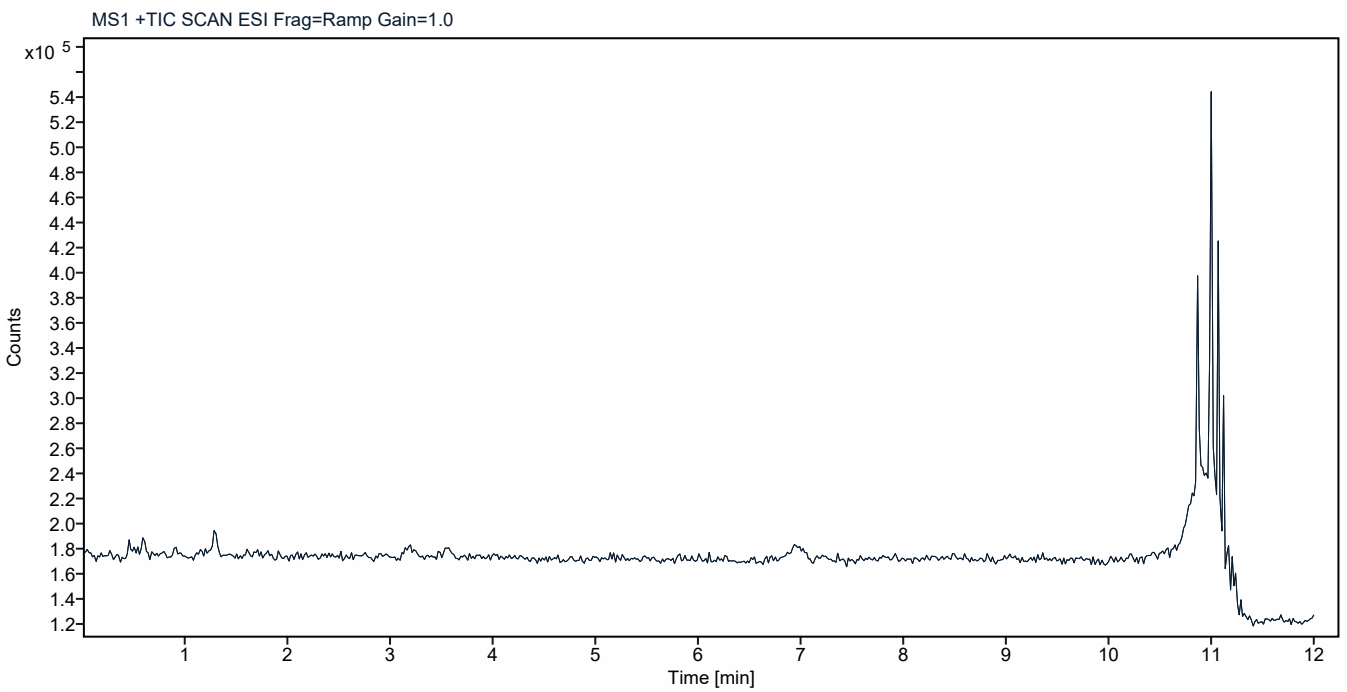
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.091	0.5247	2369774.9896	355826.8871	90.7790
7.224	0.2923	240714.1301	32331.6850	9.2210

AK

Analysis Report

Sample Name	Blank Comparsion THC STD ACN 26uL	Injection Data File Name	Blank THC STD ACN 26uL (2).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-06 03:55:42-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\Blank THC STD ACN 26uL (2).sirslt

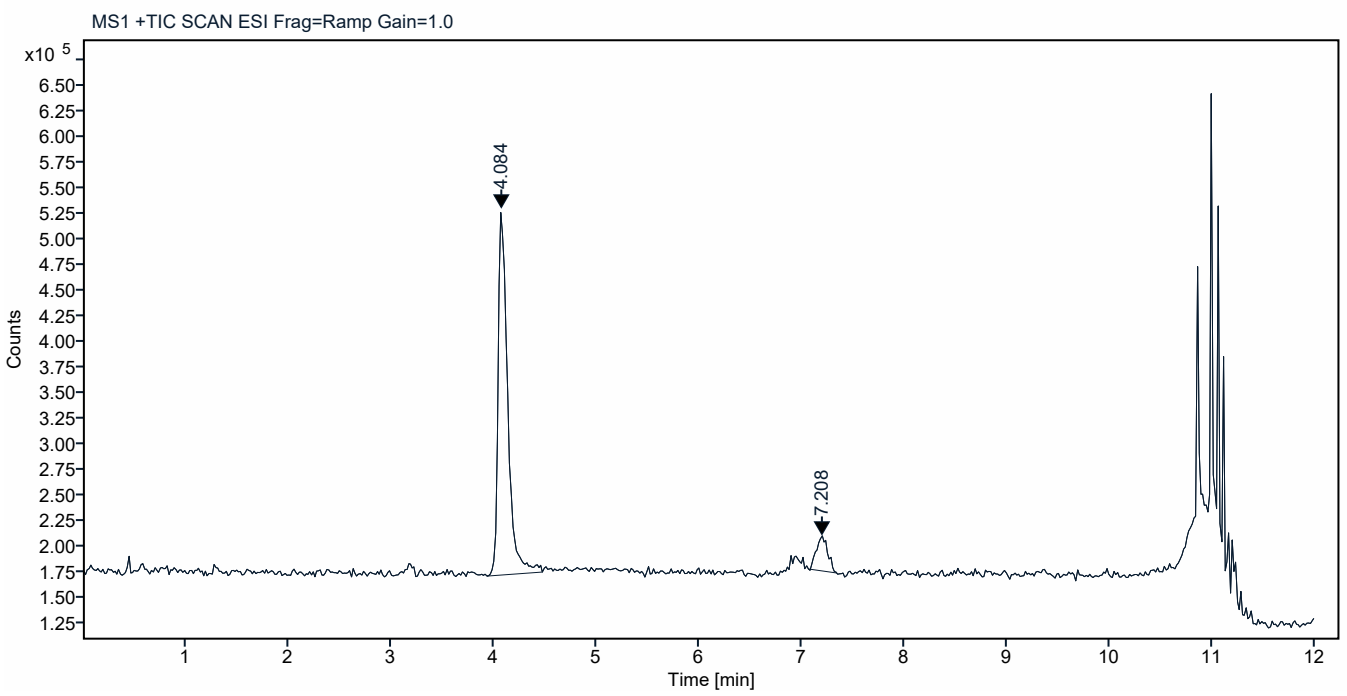


AK

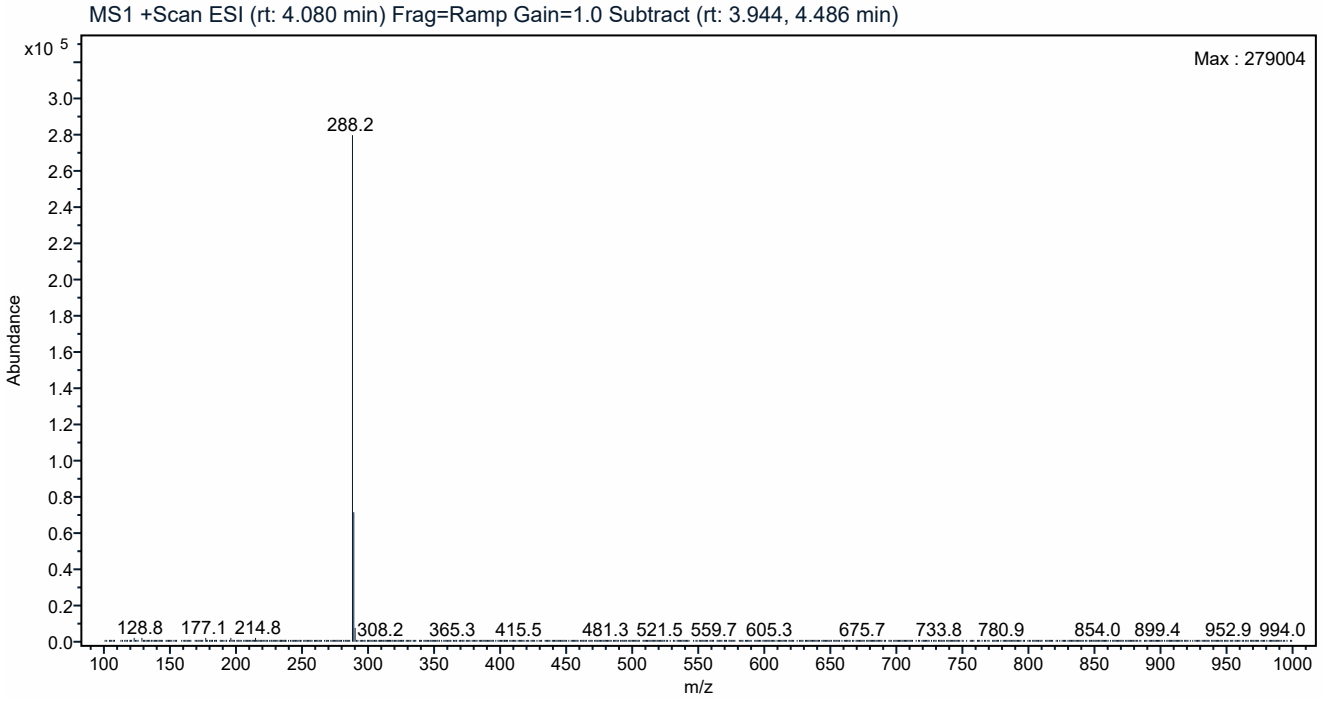
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN (2).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-06 04:09:16-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\THC STD 26uL-mL in 2mLACN (2).sirslt

Comparison STD 13



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.084

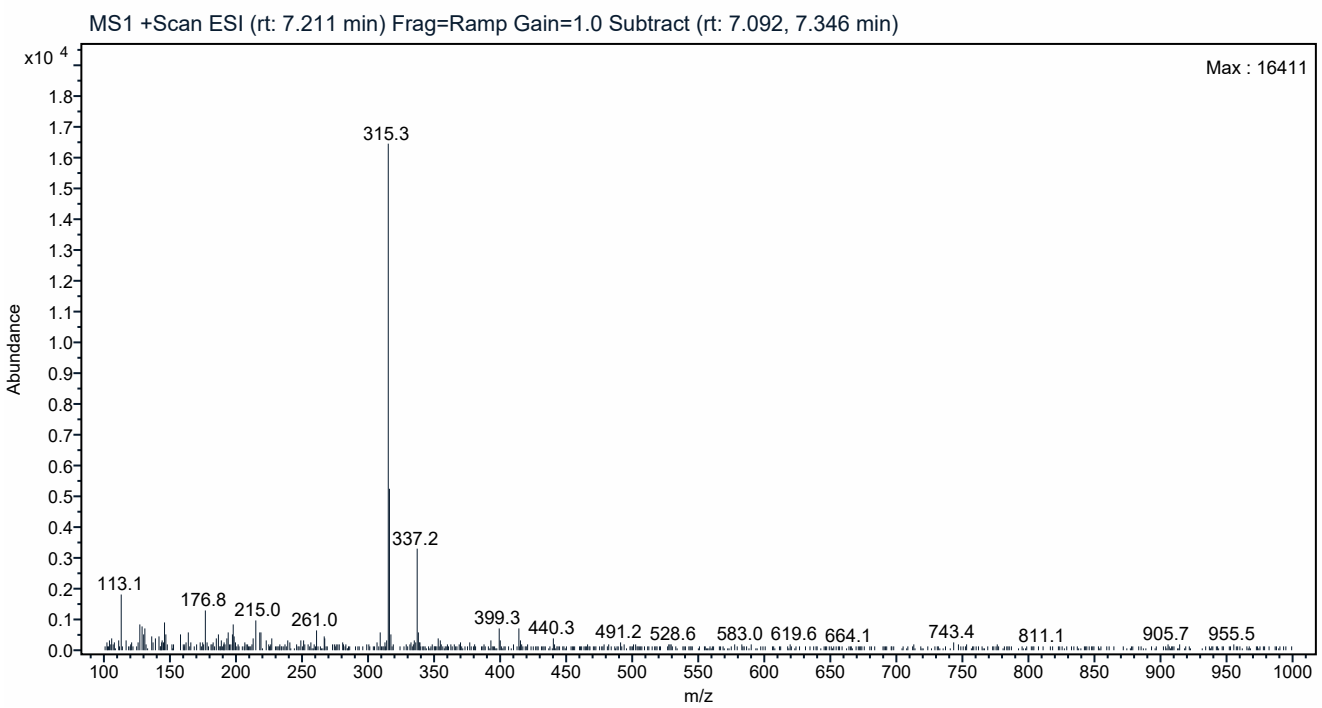


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN (2).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-06 04:09:16-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\THC STD 26uL-mL in 2mLACN (2).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.208



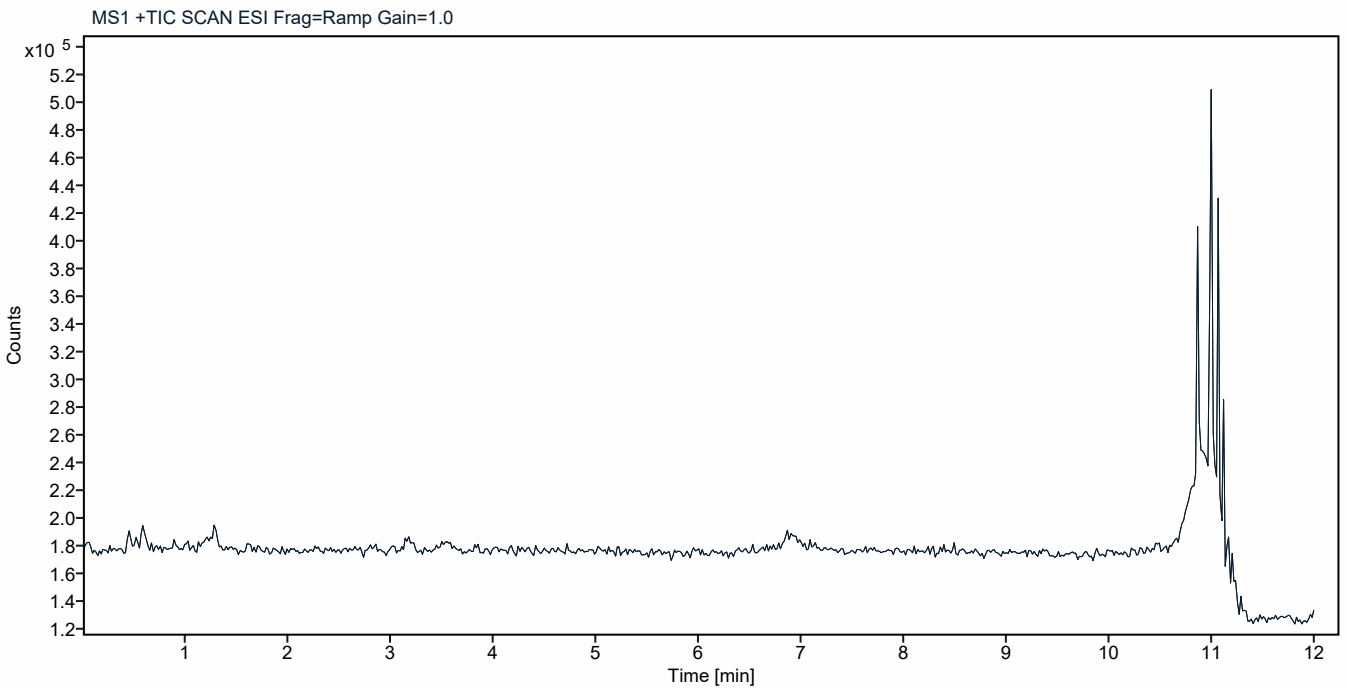
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.084	0.5416	2326818.6086	357789.2719	89.9461
7.208	0.2777	260085.3076	34339.3424	10.0539

AK

Analysis Report

Sample Name	Blank for Comparsion THC STD ACN	Injection Data File Name	Blank THC STD ACN 26uL (3).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-06 05:58:00-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\Blank THC STD ACN 26uL (3).sirslt

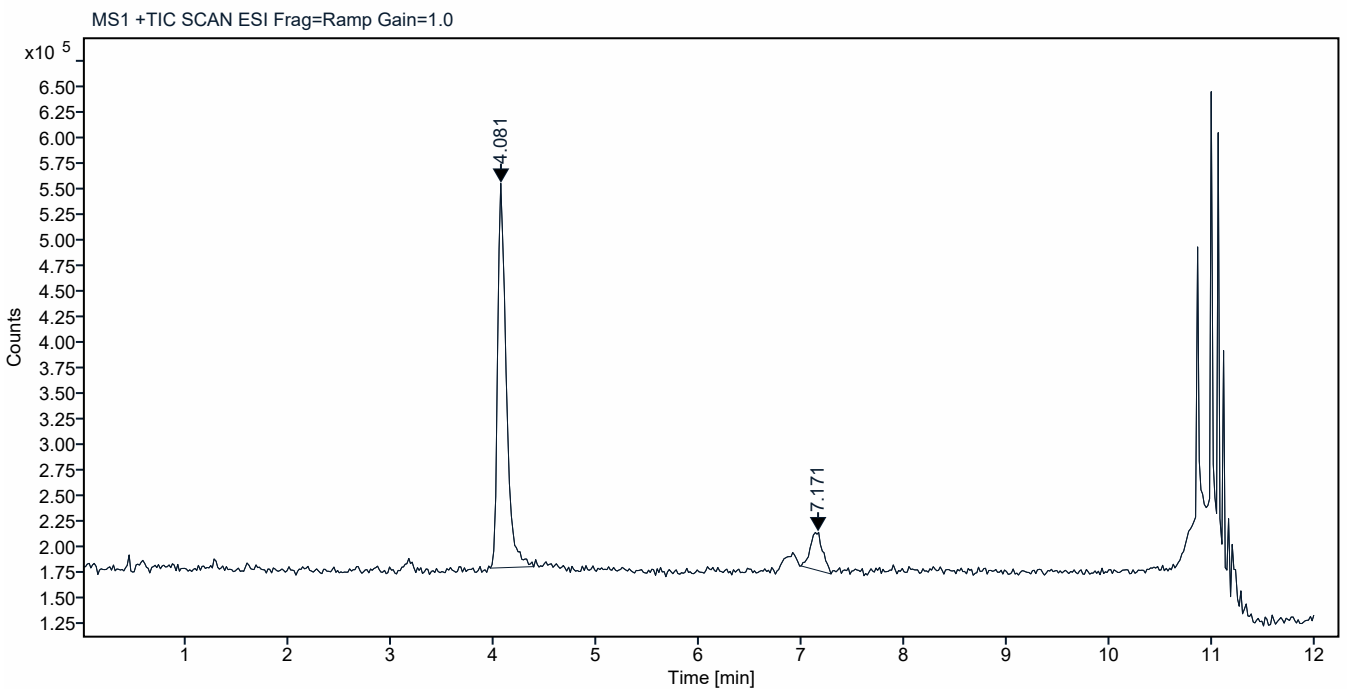


AK

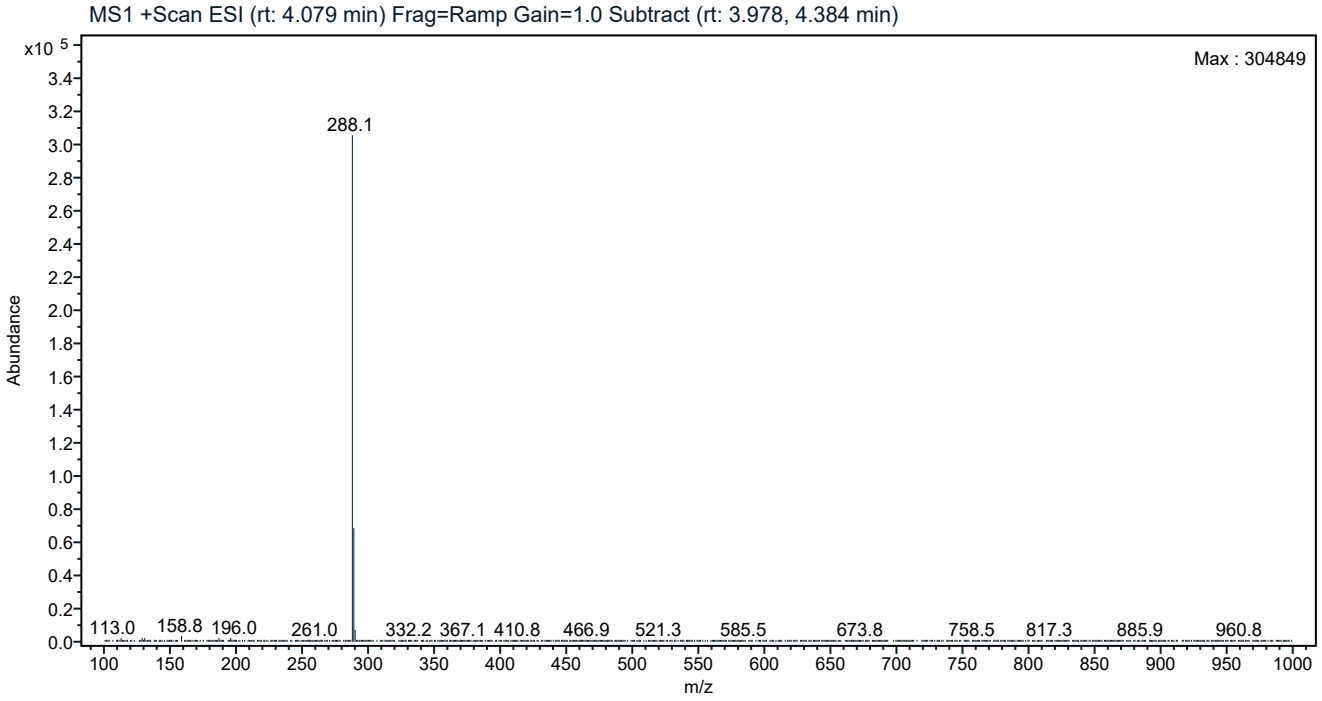
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN (3).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-06 06:11:34-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\THC STD 26uL-mL in 2mLACN (3).sirslt

Comparison STD 14



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.081

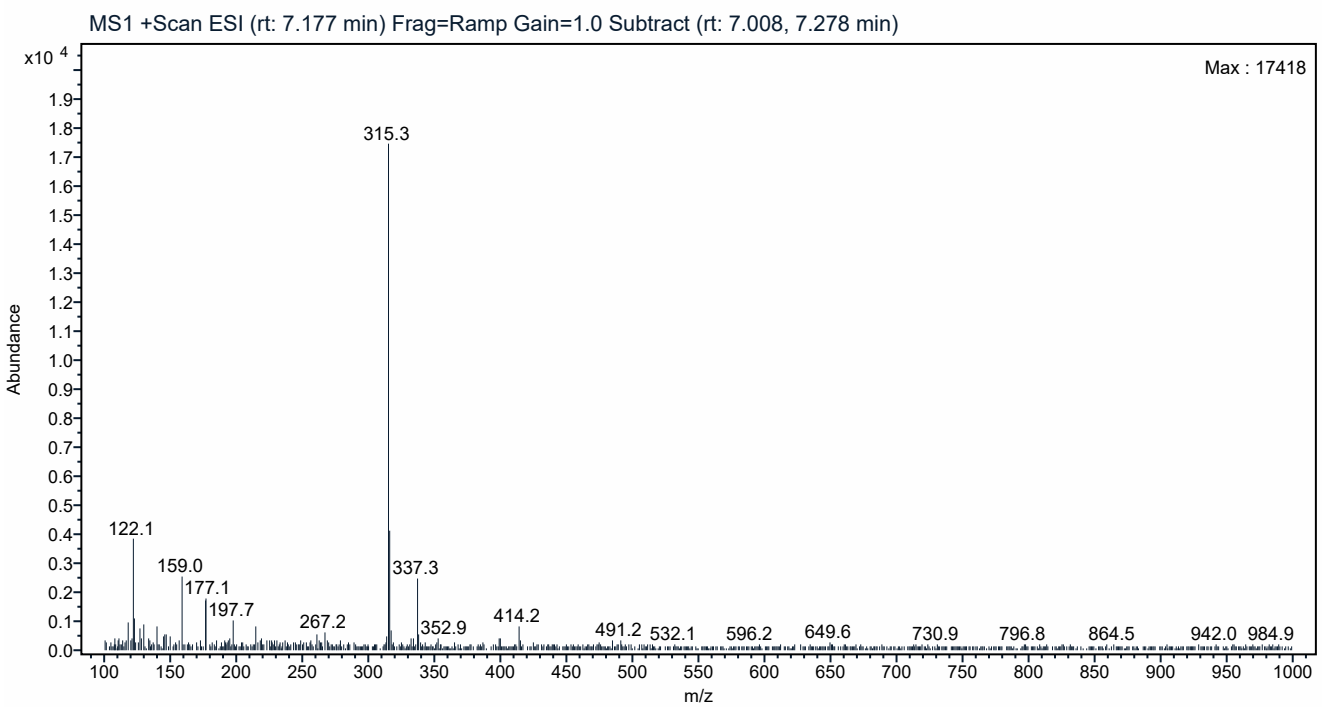


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN (3).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-06 06:11:34-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\THC STD 26uL-mL in 2mLACN (3).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.171



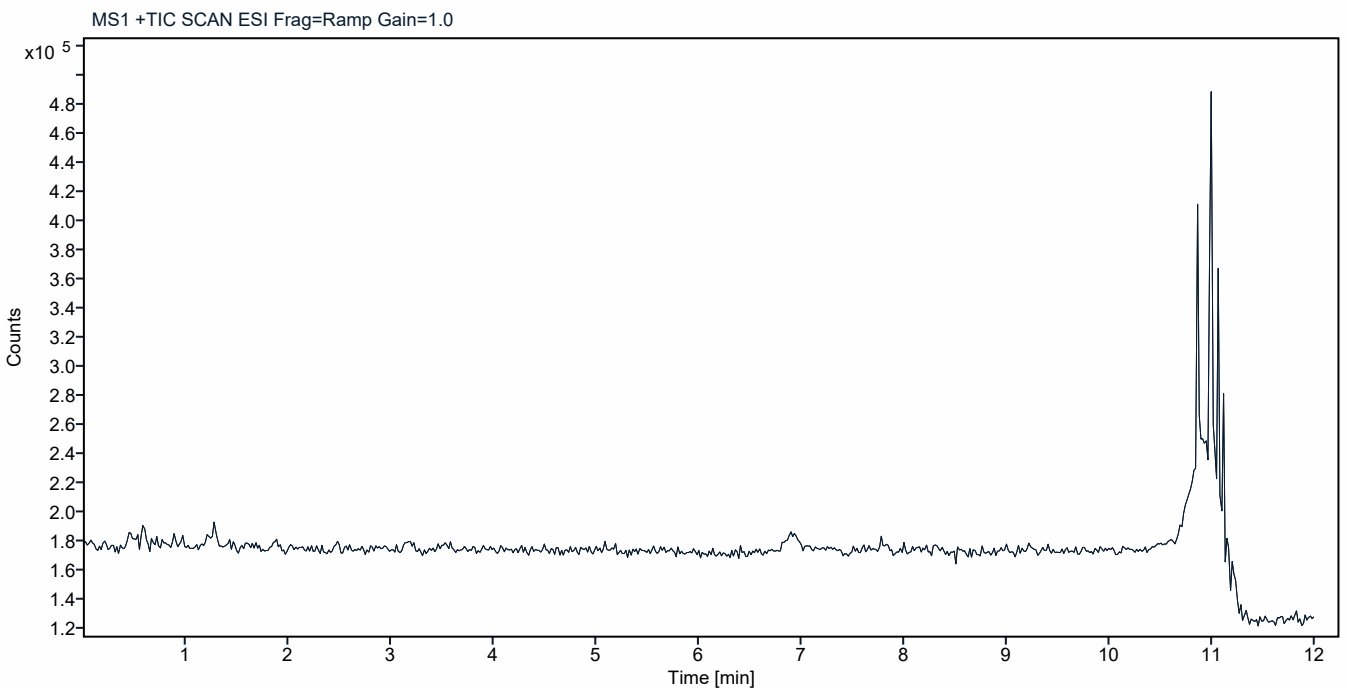
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.081	0.4215	2211813.7882	376466.1303	87.6600
7.171	0.2923	311358.7911	38141.0479	12.3400

AK

Analysis Report

Sample Name	Blank for Comparsion THC STD ACN	Injection Data File Name	Blank THC STD ACN 26uL (5).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-06 07:19:32-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\Blank THC STD ACN 26uL (5).sirslt

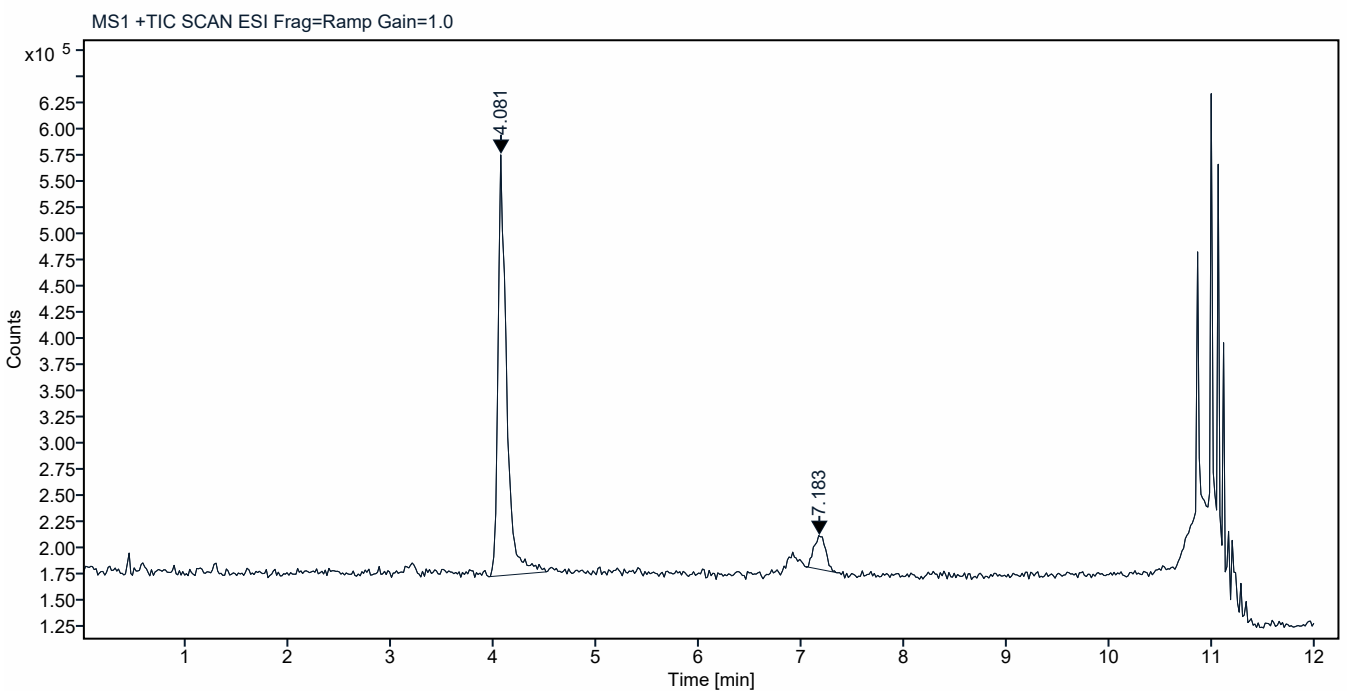


AK

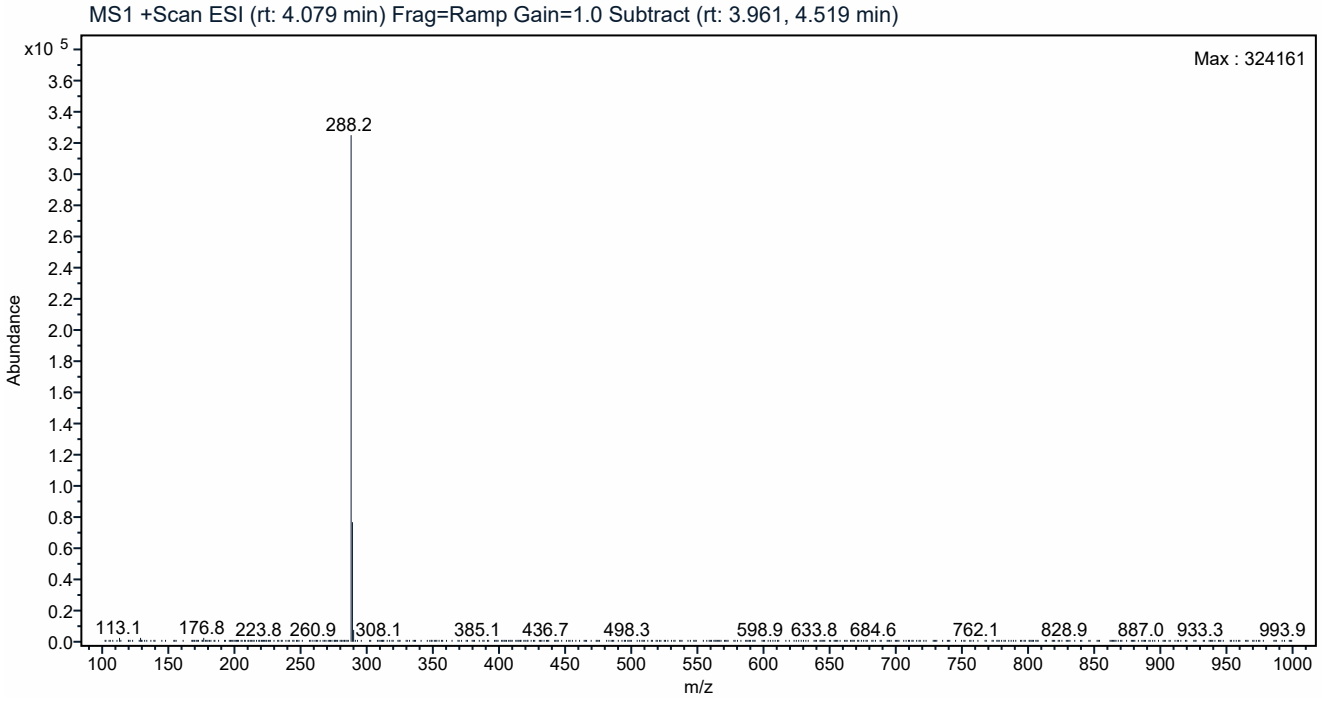
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN (5).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-06 07:33:06-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\THC STD 26uL-mL in 2mLACN (5).sirslt

Comparison STD 15



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.081

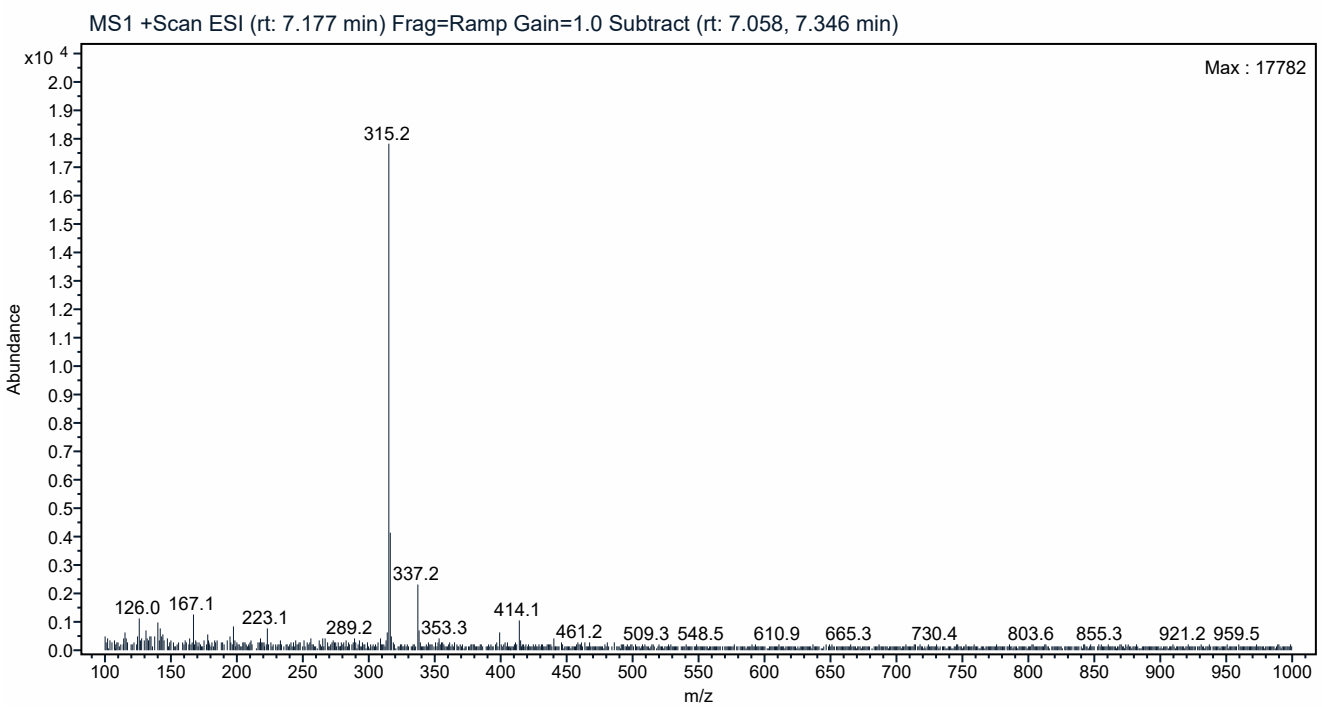


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN (5).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-06 07:33:06-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\THC STD 26uL-mL in 2mLACN (5).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.183



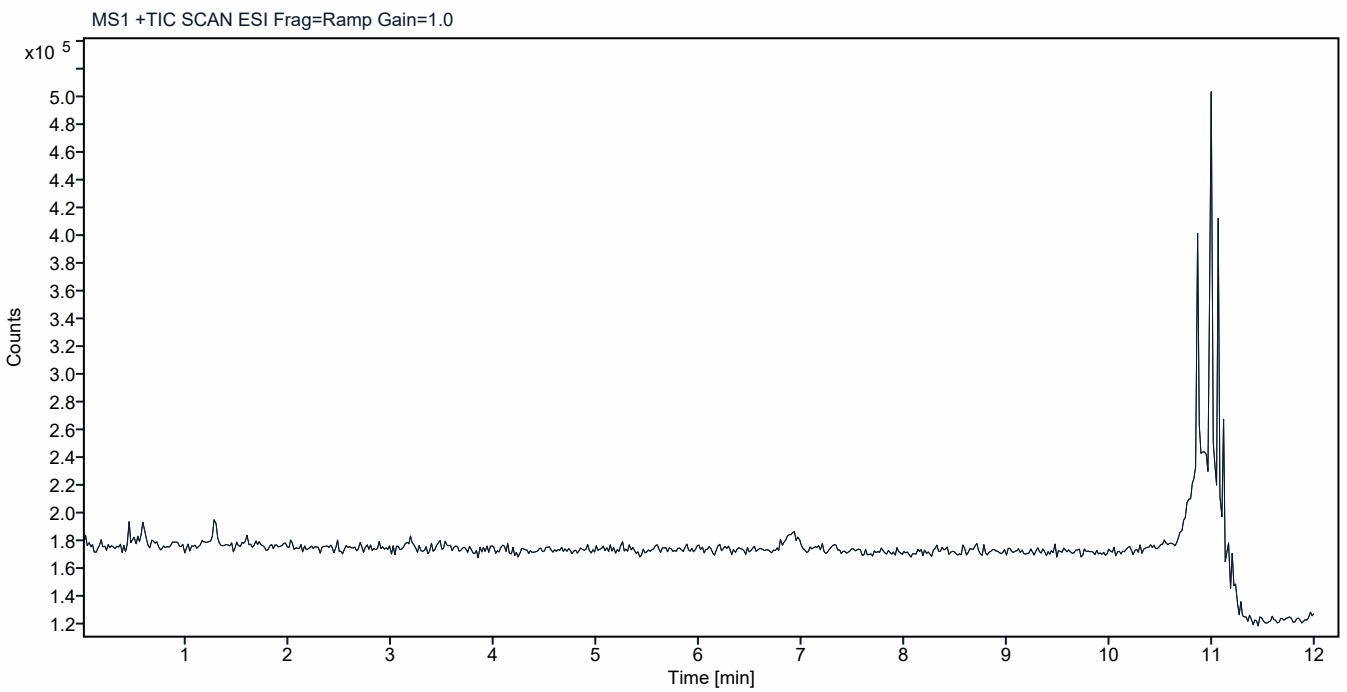
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.081	0.5585	2342912.1709	402787.6084	90.1324
7.183	0.3069	256499.8914	32565.6539	9.8676

AK

Analysis Report

Sample Name	Blank Comparsion THC STD ACN 26uL	Injection Data File Name	Blank THC STD ACN 26uL(6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-06 08:41:05-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\Blank THC STD ACN 26uL(6).sirslt

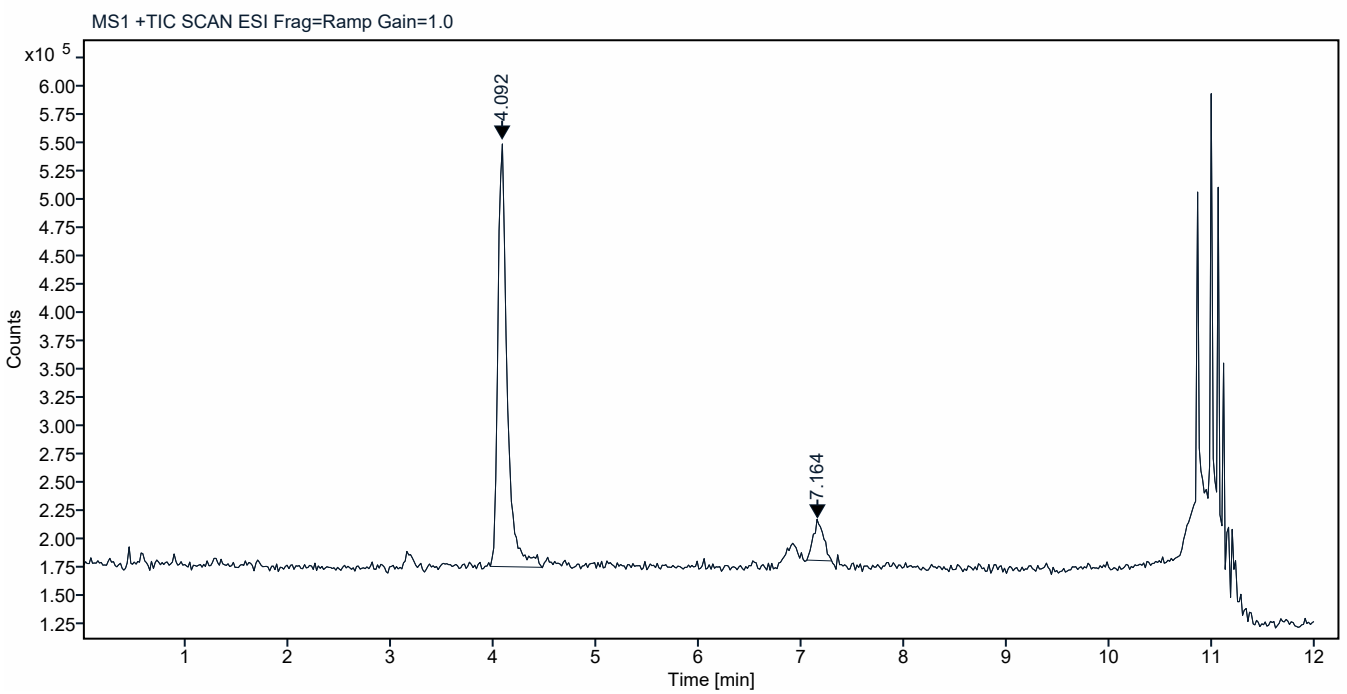


AK

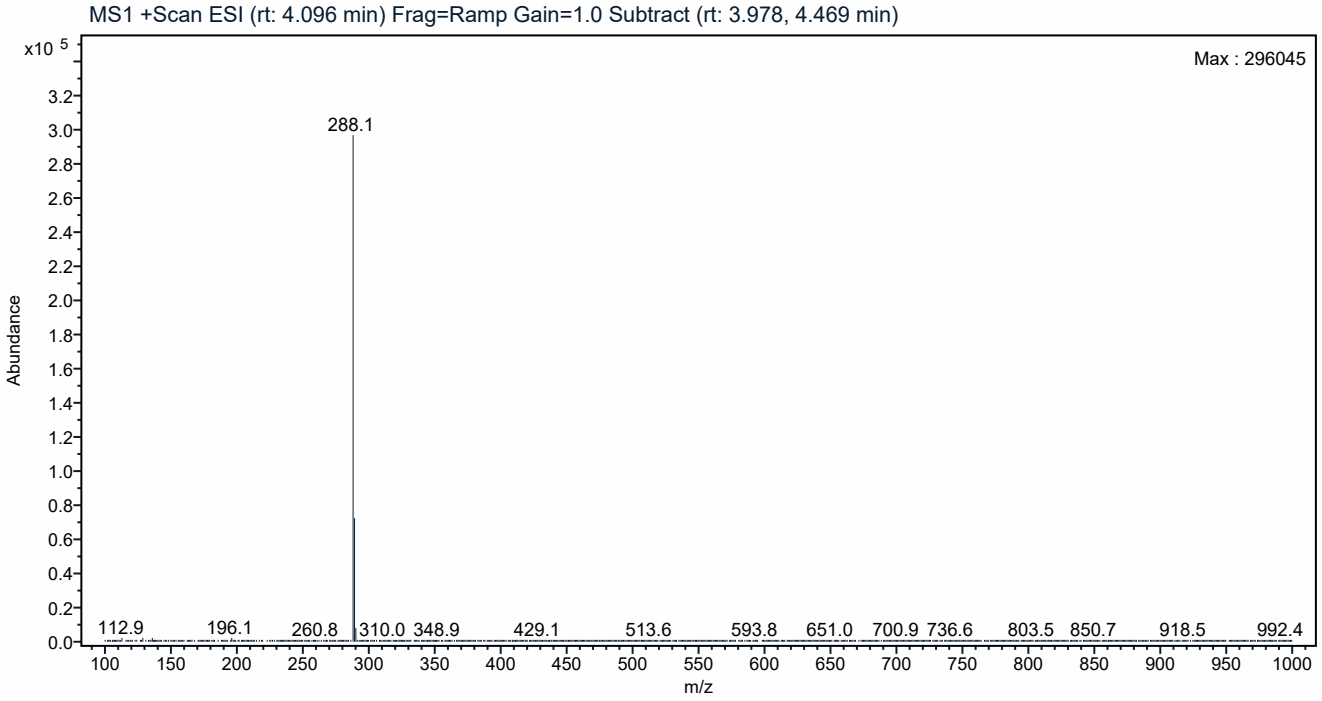
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-06 08:54:39-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\THC STD 26uL-mL in 2mLACN(6).sirslt

Comparison STD 16



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.092

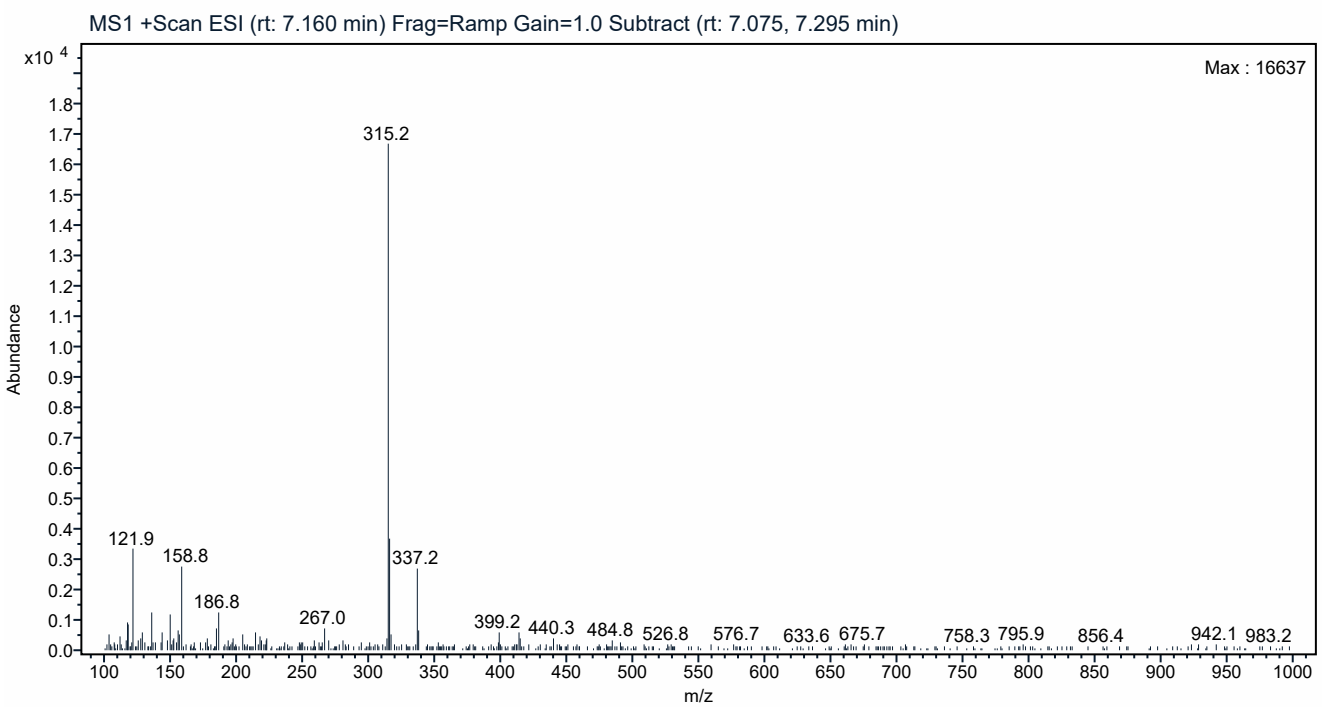


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-06 08:54:39-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\THC STD 26uL-mL in 2mLACN(6).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.164



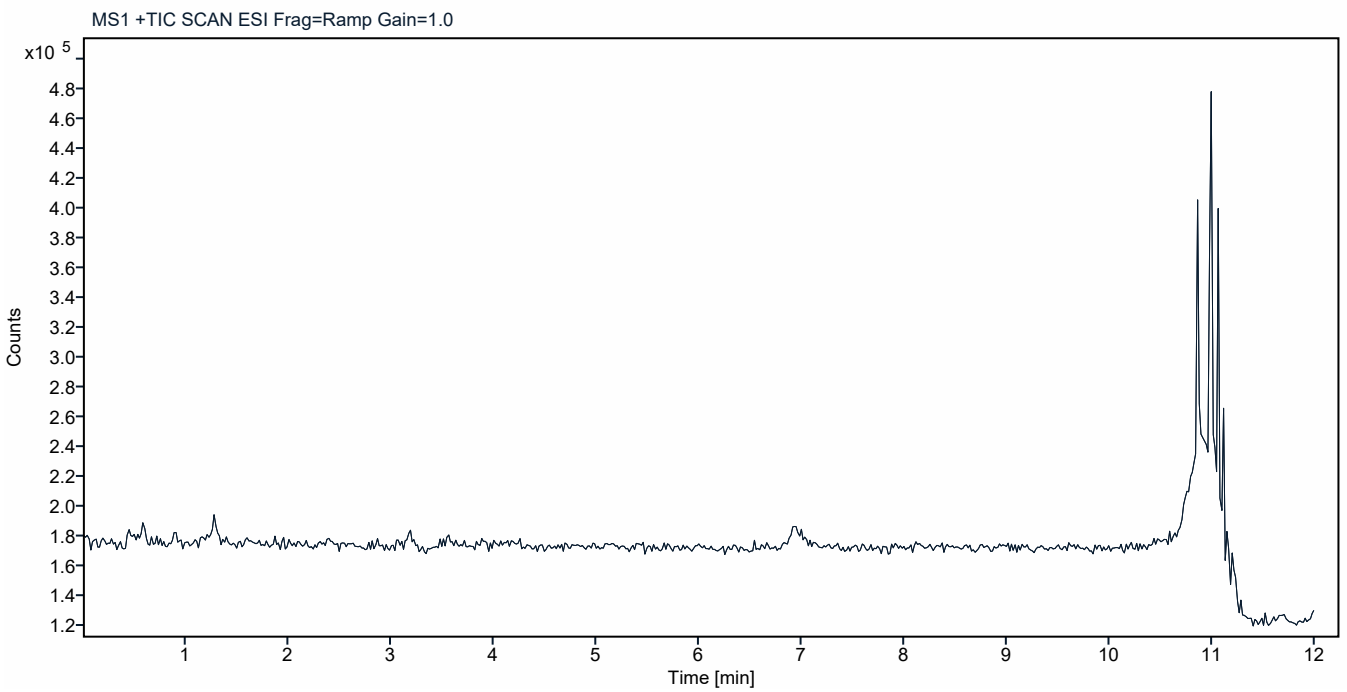
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.092	0.5045	2343788.1151	377006.5688	90.4055
7.164	0.2428	248741.2806	36777.1255	9.5945

AK

Analysis Report

Sample Name	Blank for Comparsion THC STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL(7).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-06 10:02:38-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\Blank Comparsion THC STD ACN 26uL (7).sirslt

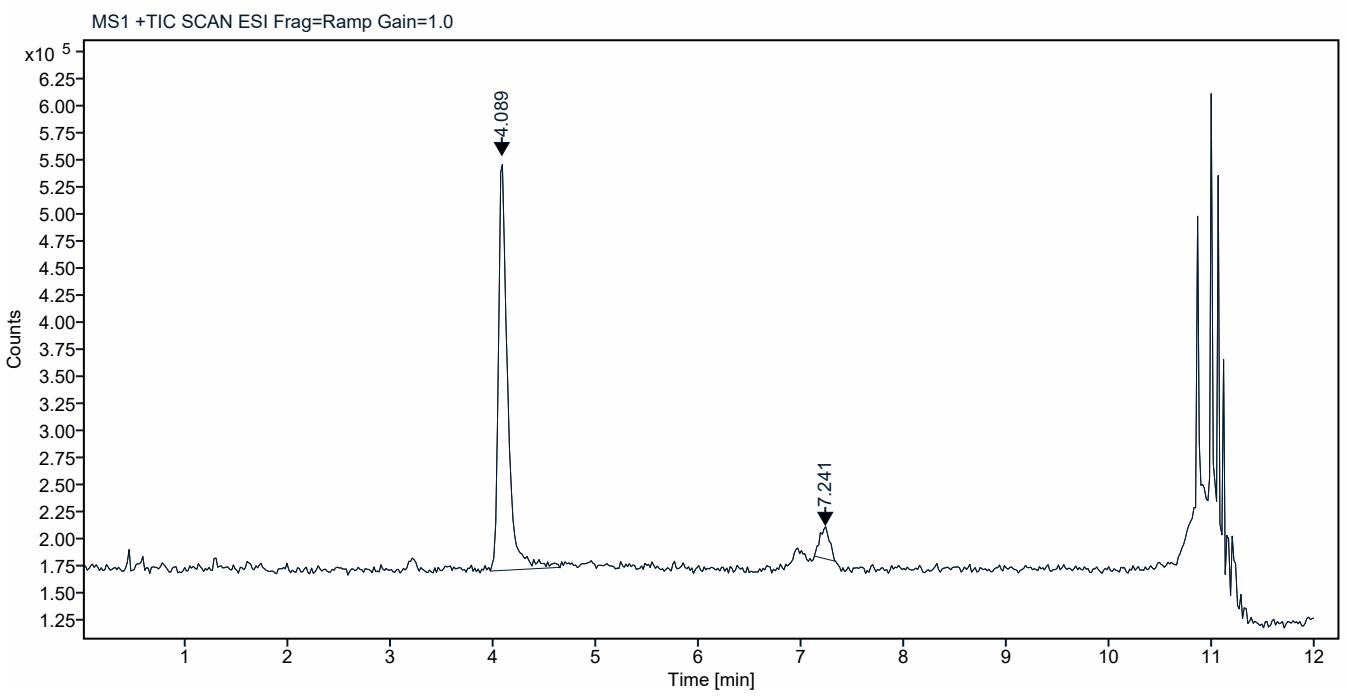


AK

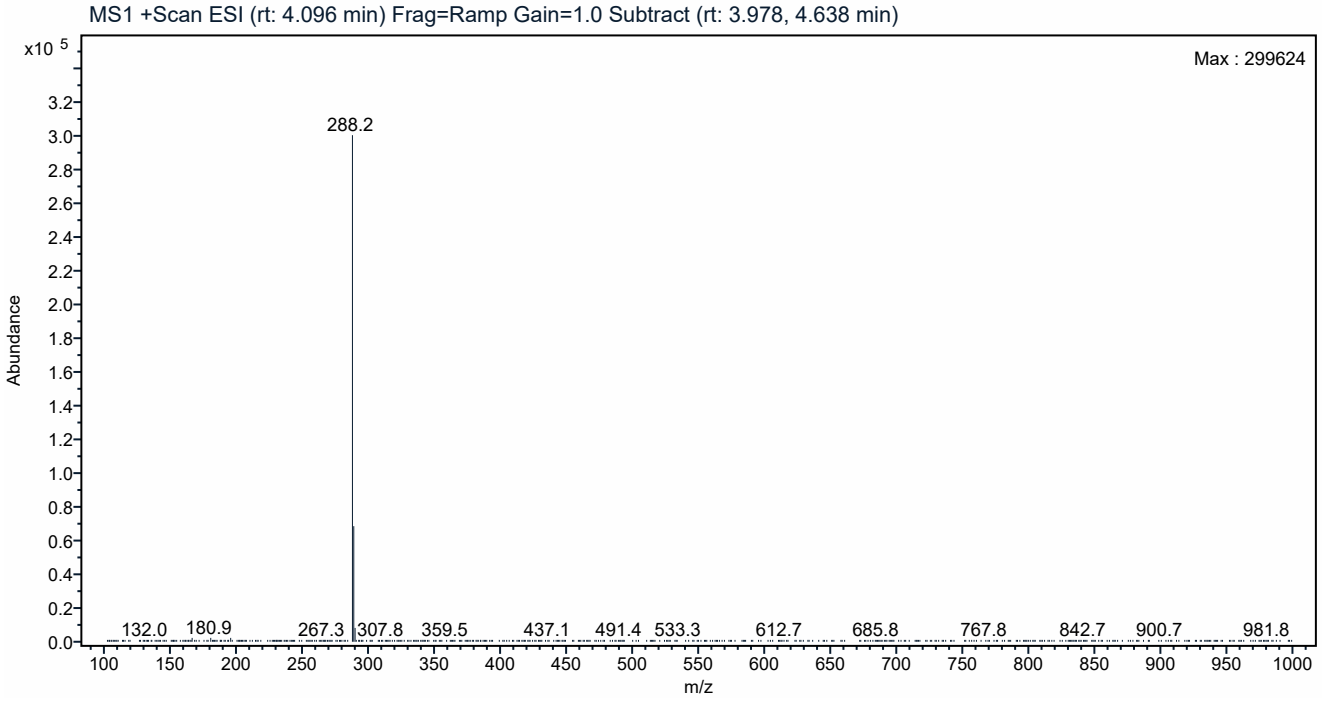
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(7).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-06 10:16:12-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\THC STD 26uL-mL in 2mLACN(7).sirslt

Comparison STD 17



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.089

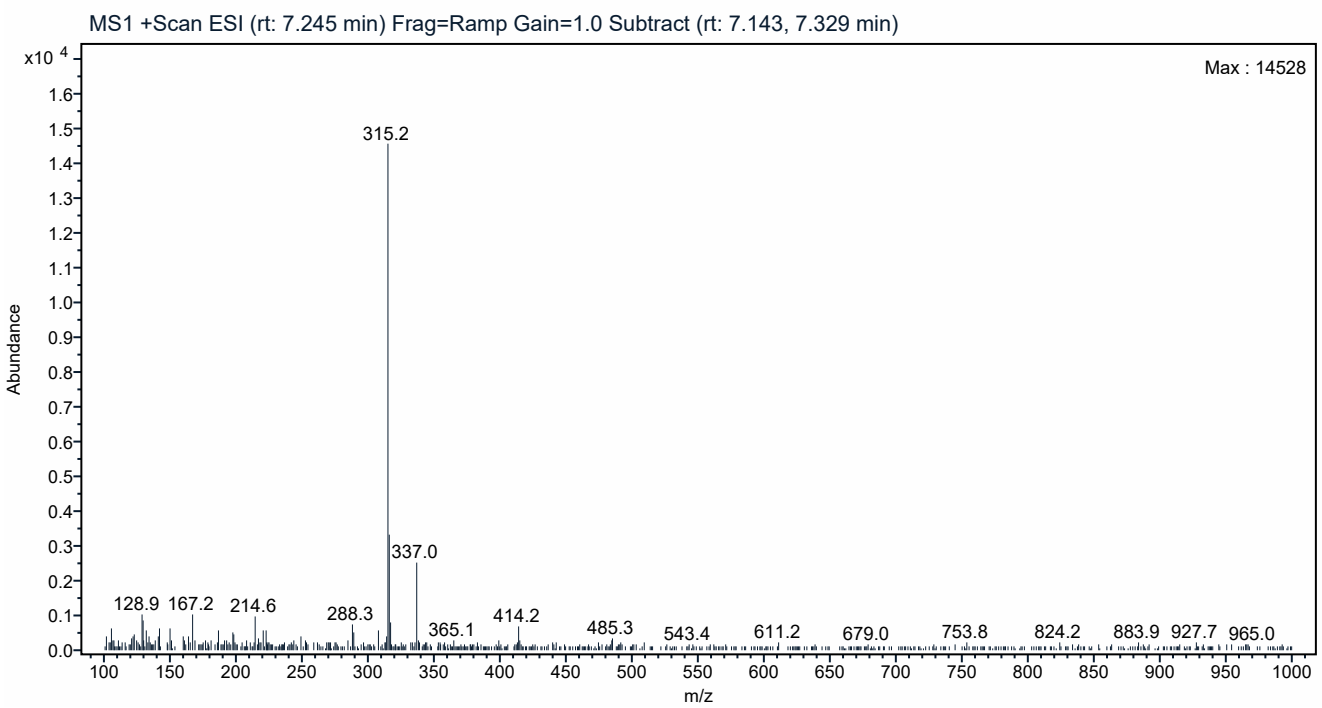


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(7).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-06 10:16:12-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\THC STD 26uL-mL in 2mLACN(7).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.241



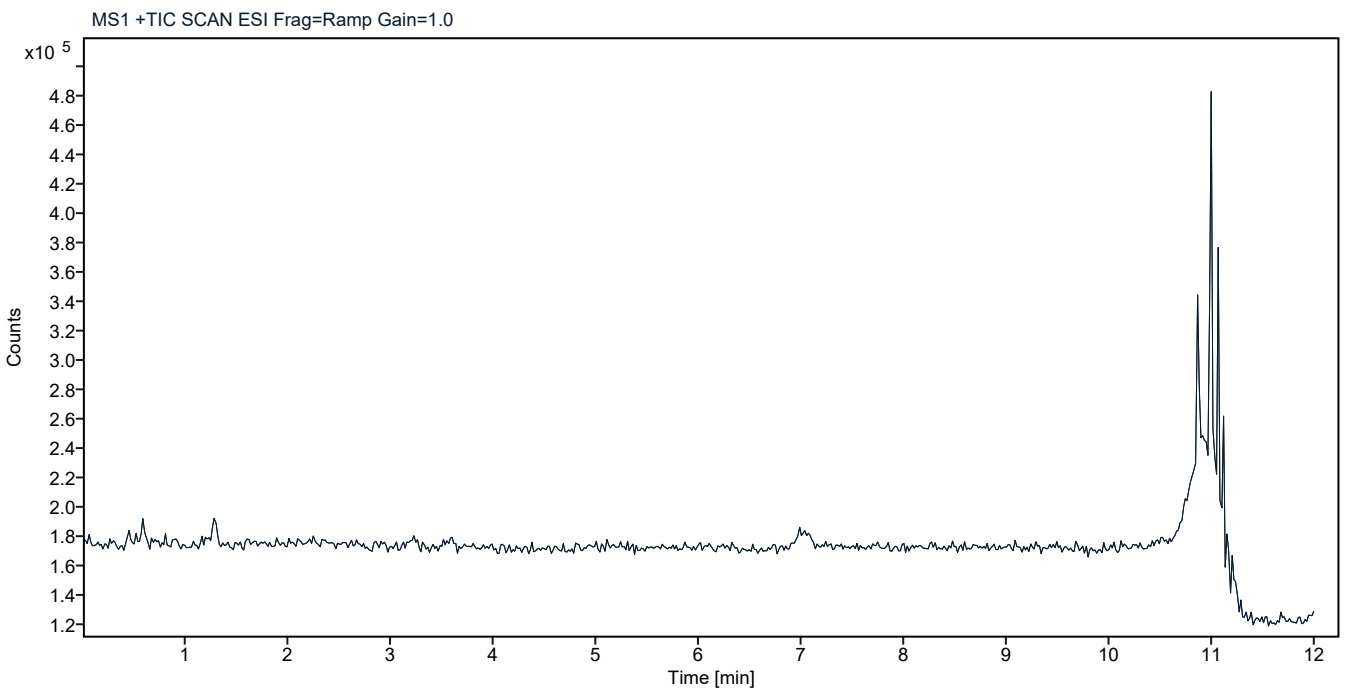
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.089	0.6748	2363549.3406	382510.4716	92.4331
7.241	0.2055	193487.5682	29981.6830	7.5669

AK

Analysis Report

Sample Name	Blank for Comparsion THC STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL(8).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-06 11:24:11-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\Blank Comparsion THC STD ACN 26uL (8).sirslt

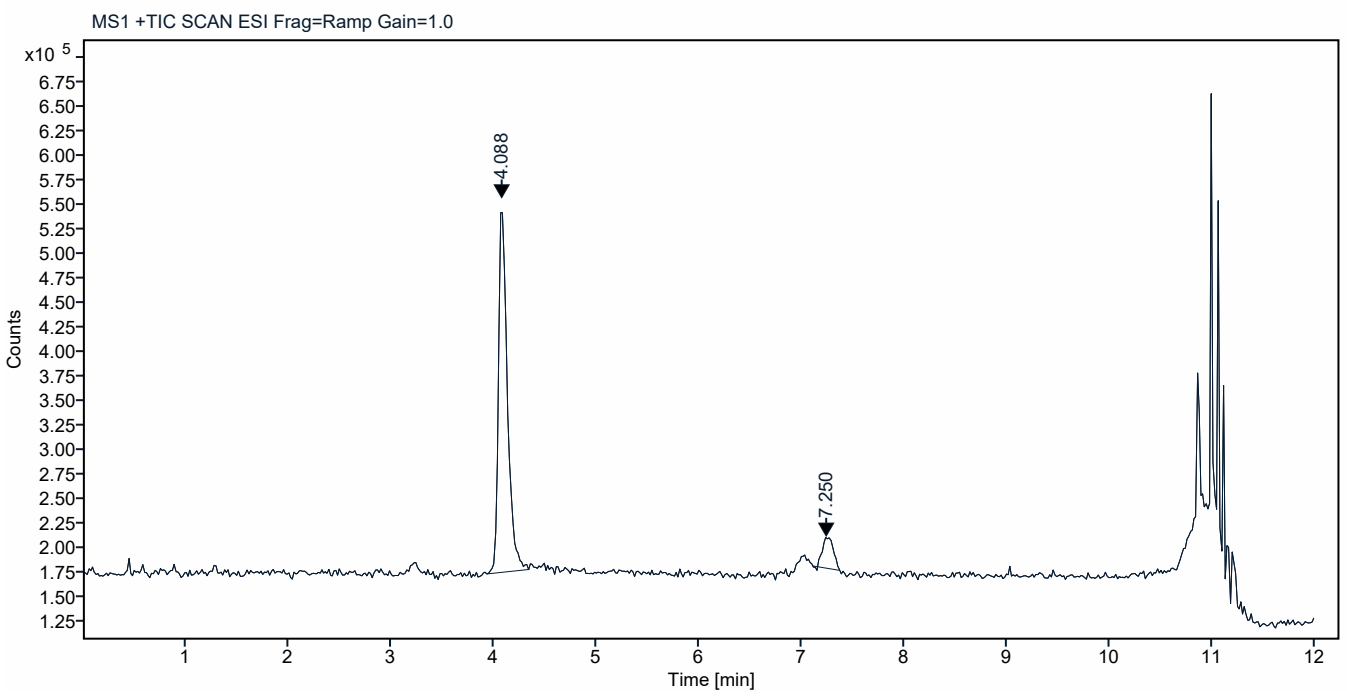


AK

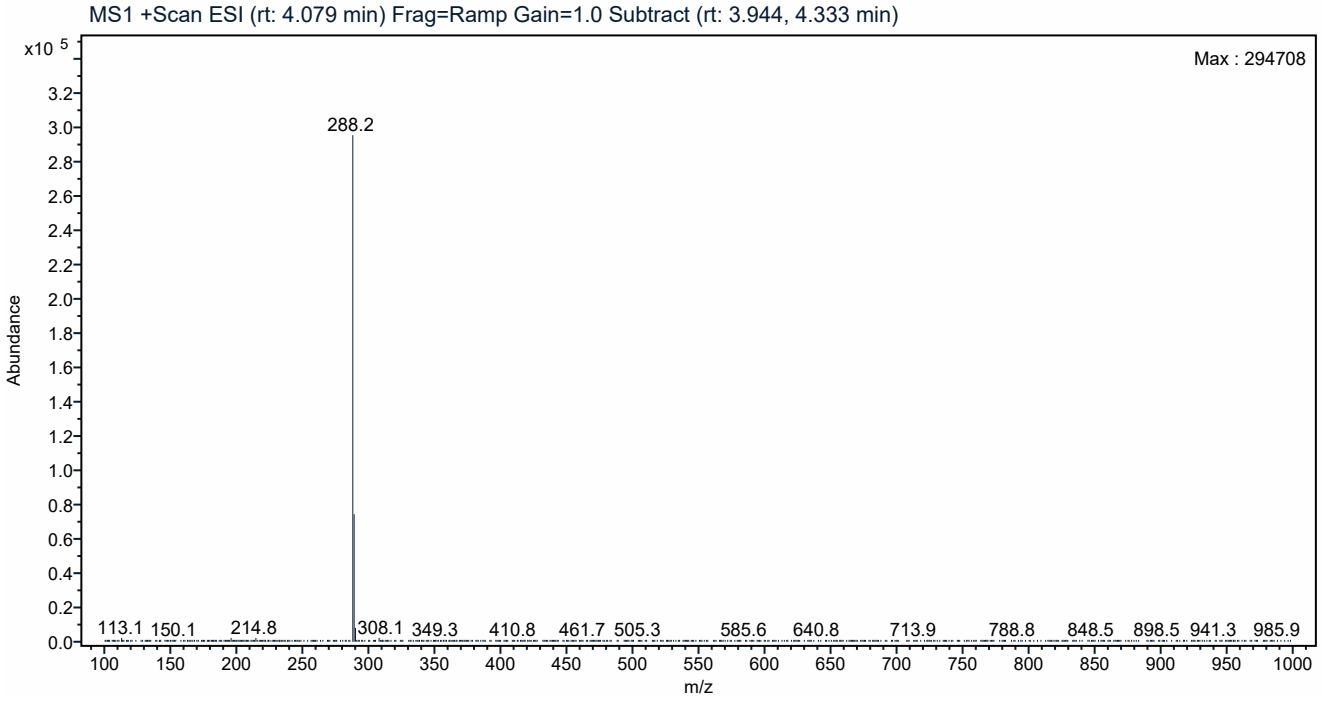
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(8).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-06 11:37:45-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\THC STD 26uL-mL in 2mLACN(8).sirslt

Comparison STD 18



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.088

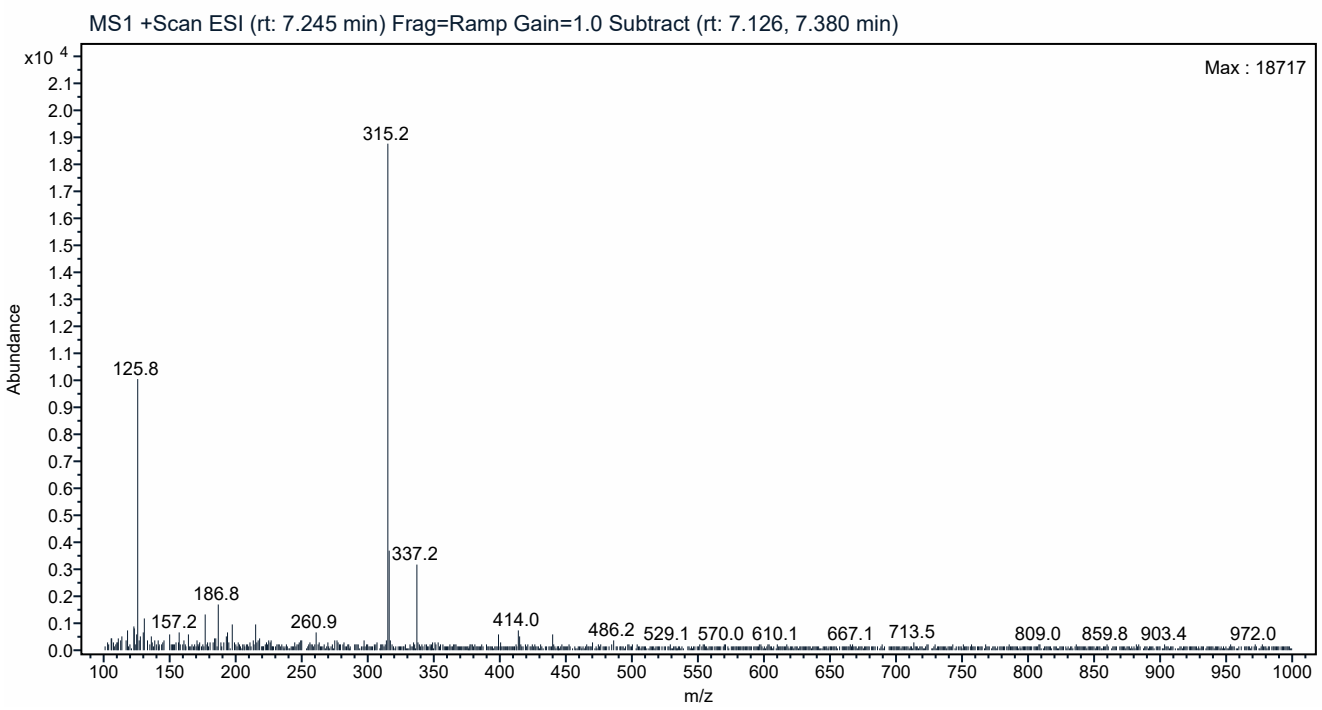


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(8).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-06 11:37:45-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\THC STD 26uL-mL in 2mLACN(8).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.250



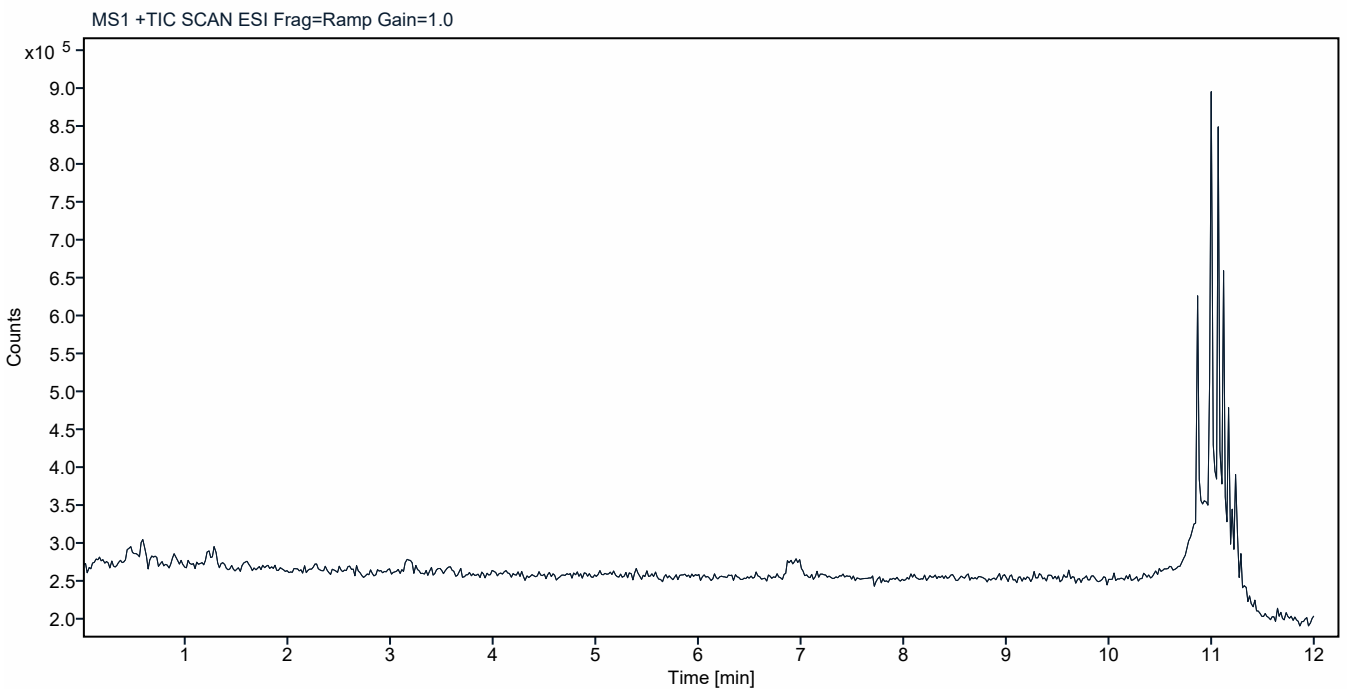
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.088	0.4058	2254302.0821	381062.1833	90.5735
7.250	0.2605	234619.1685	31638.0179	9.4265

AK

Analysis Report

Sample Name	Blank for Comparsion THC STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL(1).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-20 12:47:01-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank Comparsion THC STD ACN 26uL (1).sirslt

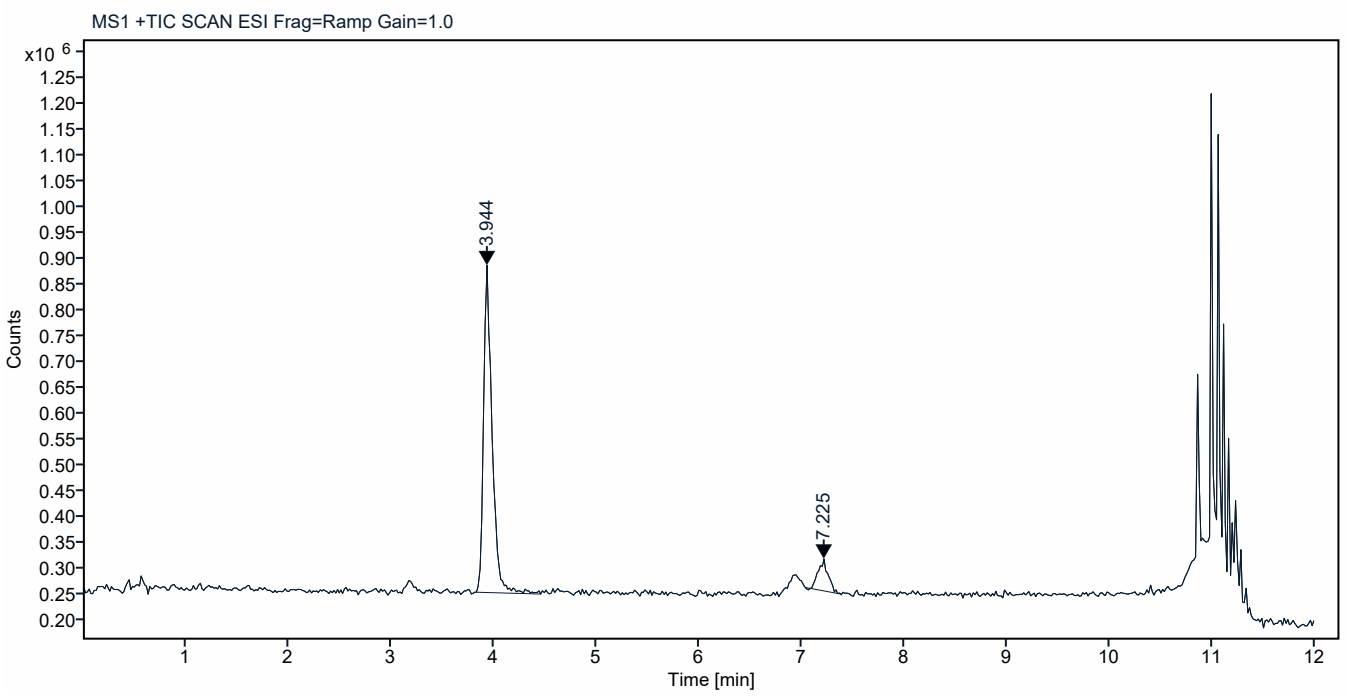


AK

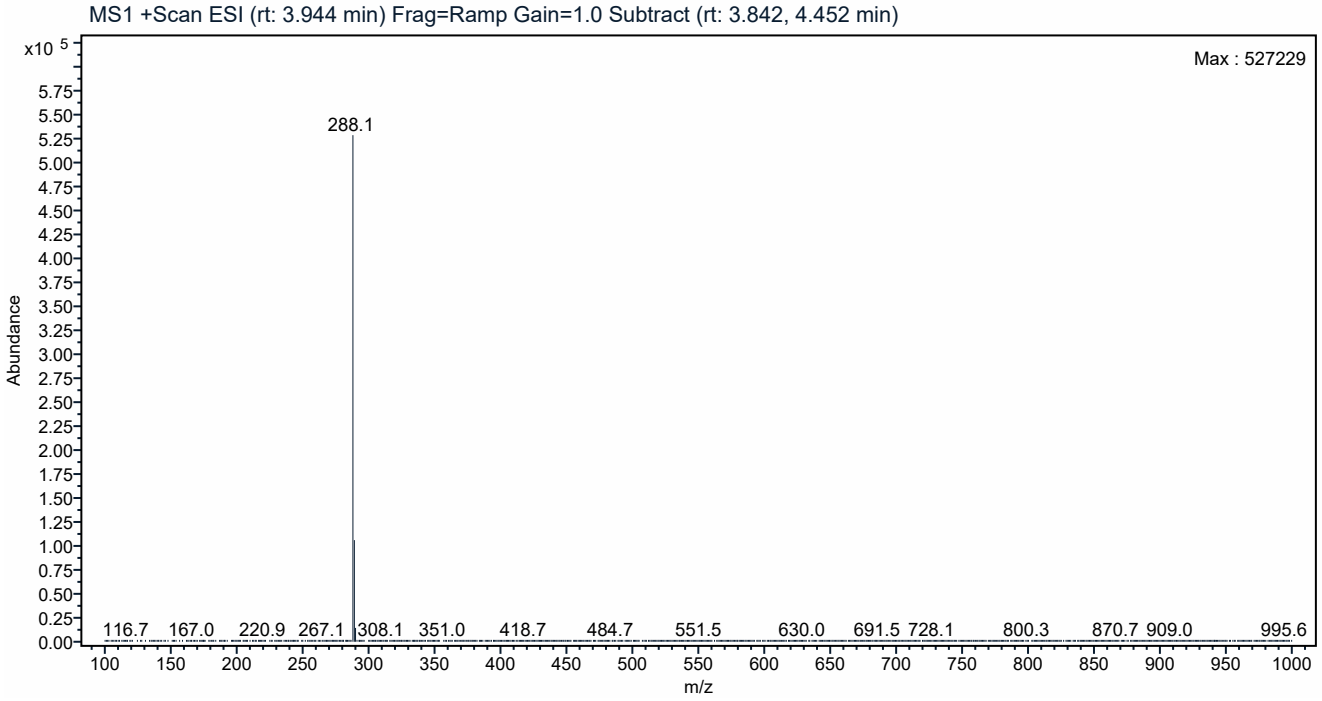
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(1).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-20 13:00:35-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(1).sirslt

Comparison STD 19



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 3.944

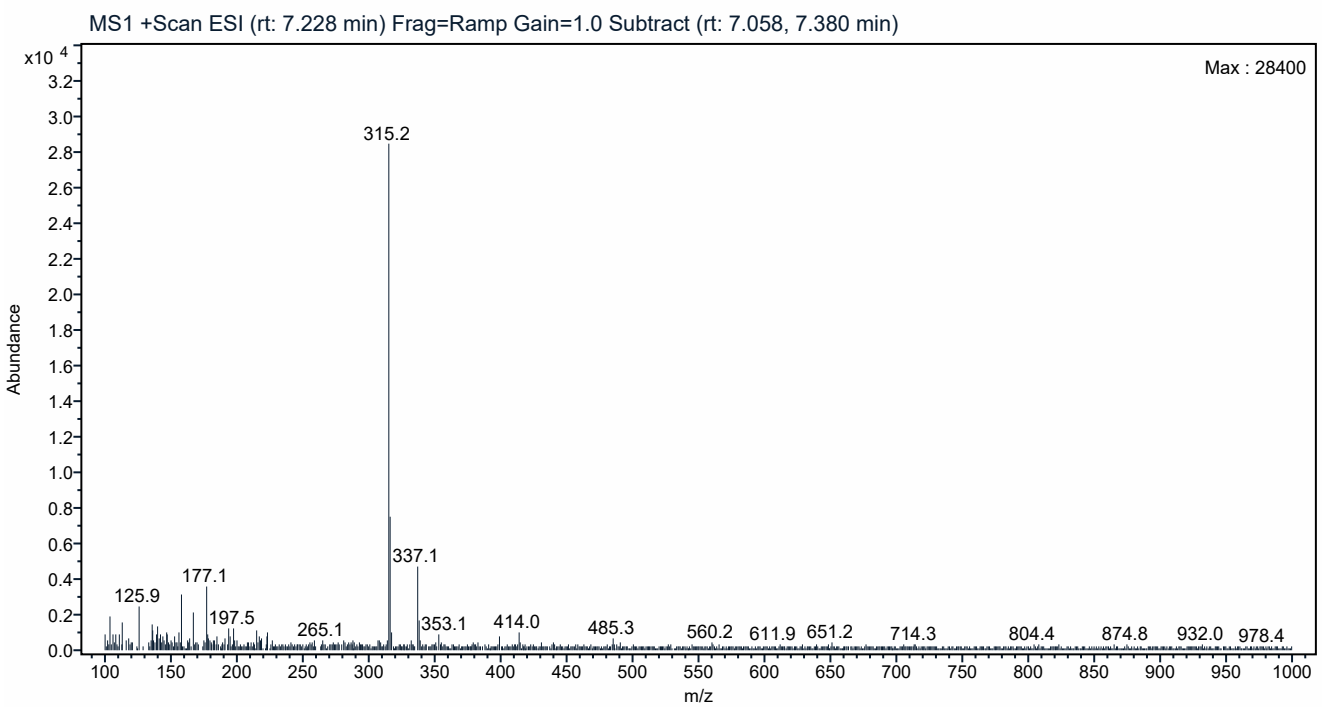


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(1).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-20 13:00:35-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(1).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.225



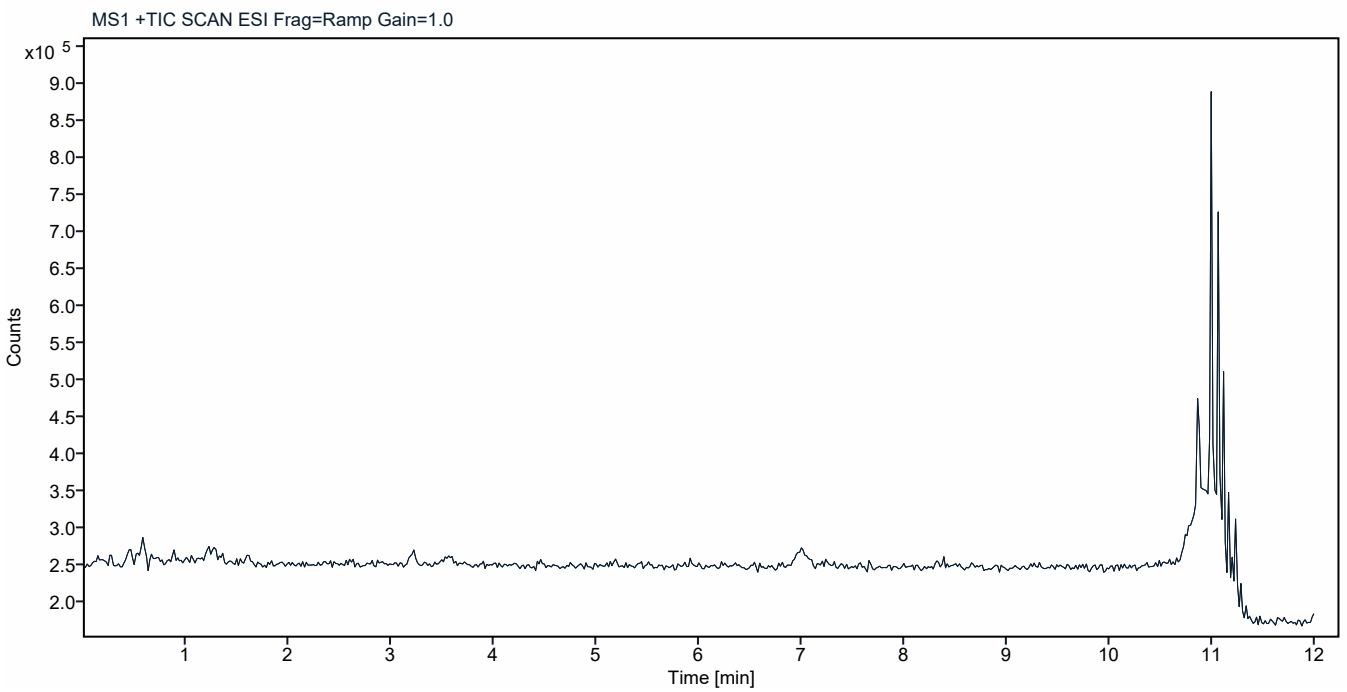
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
3.944	0.6262	3652508.5855	633684.9243	90.0147
7.225	0.3429	405173.3748	62157.0660	9.9853

AK

Analysis Report

Sample Name	Blank Comparsion THC STD ACN 26uL	Injection Data File Name	Blank THC STD ACN 26uL (2).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-20 14:08:34-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank THC STD ACN 26uL (2).sirslt

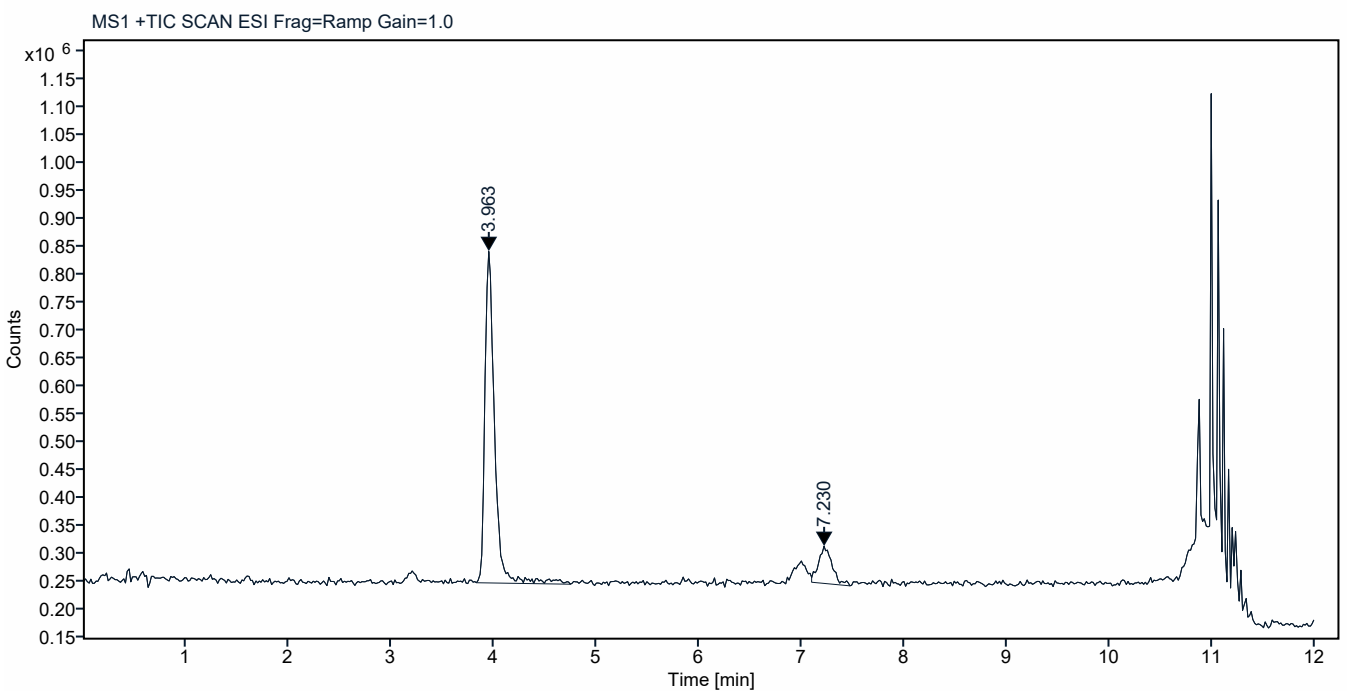


AK

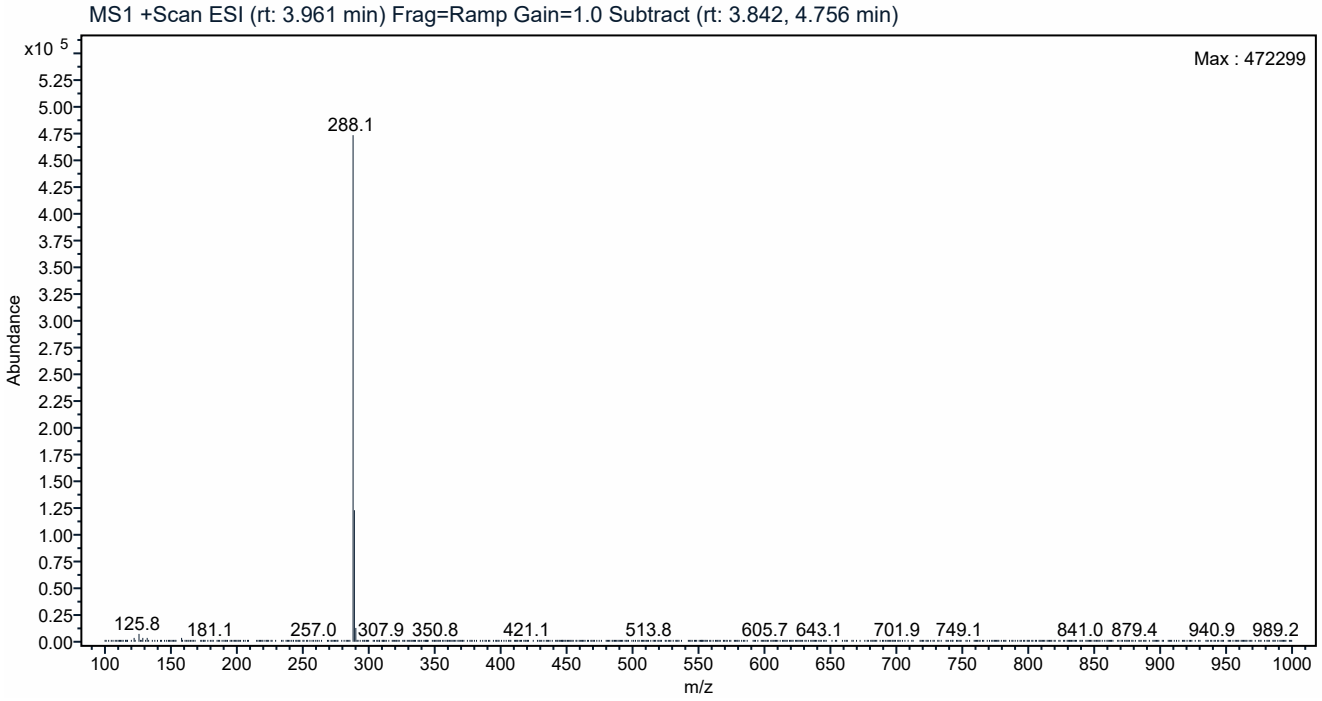
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(2).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-20 14:22:08-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(2).sirslt

Comparison STD 20



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 3.963

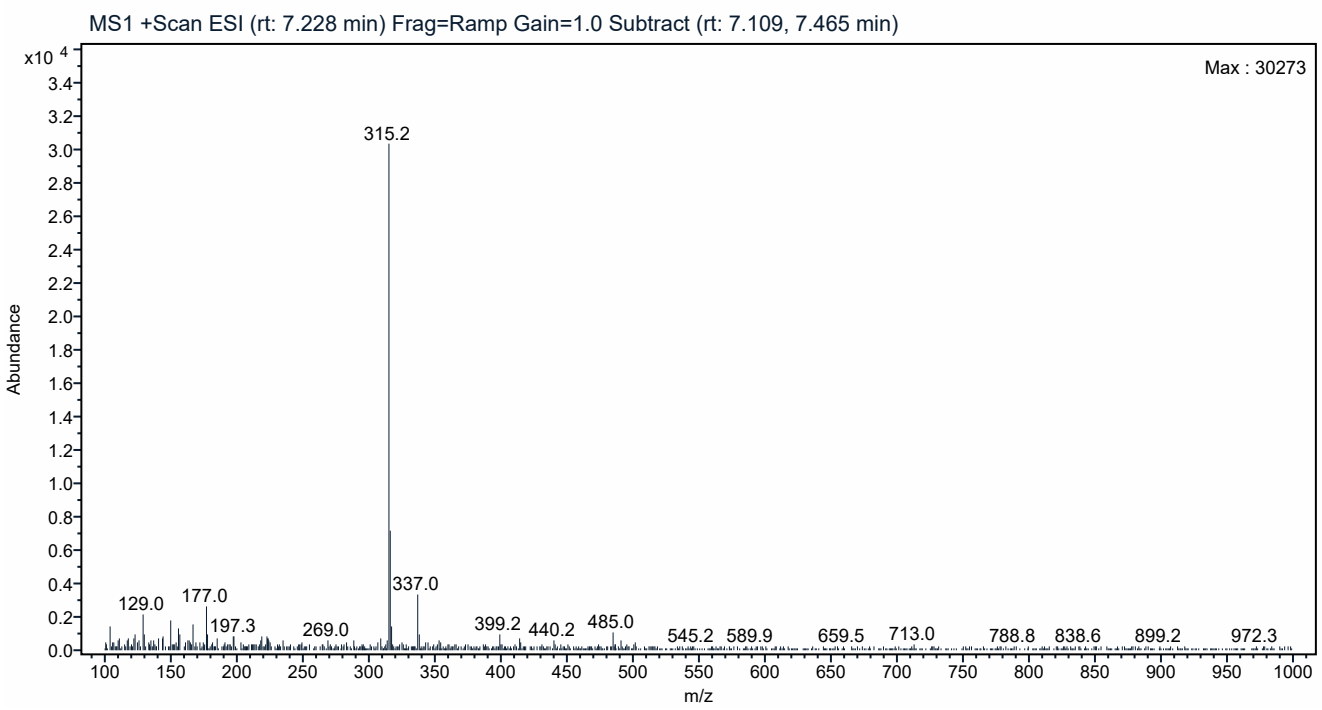


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(2).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-20 14:22:08-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(2).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.230



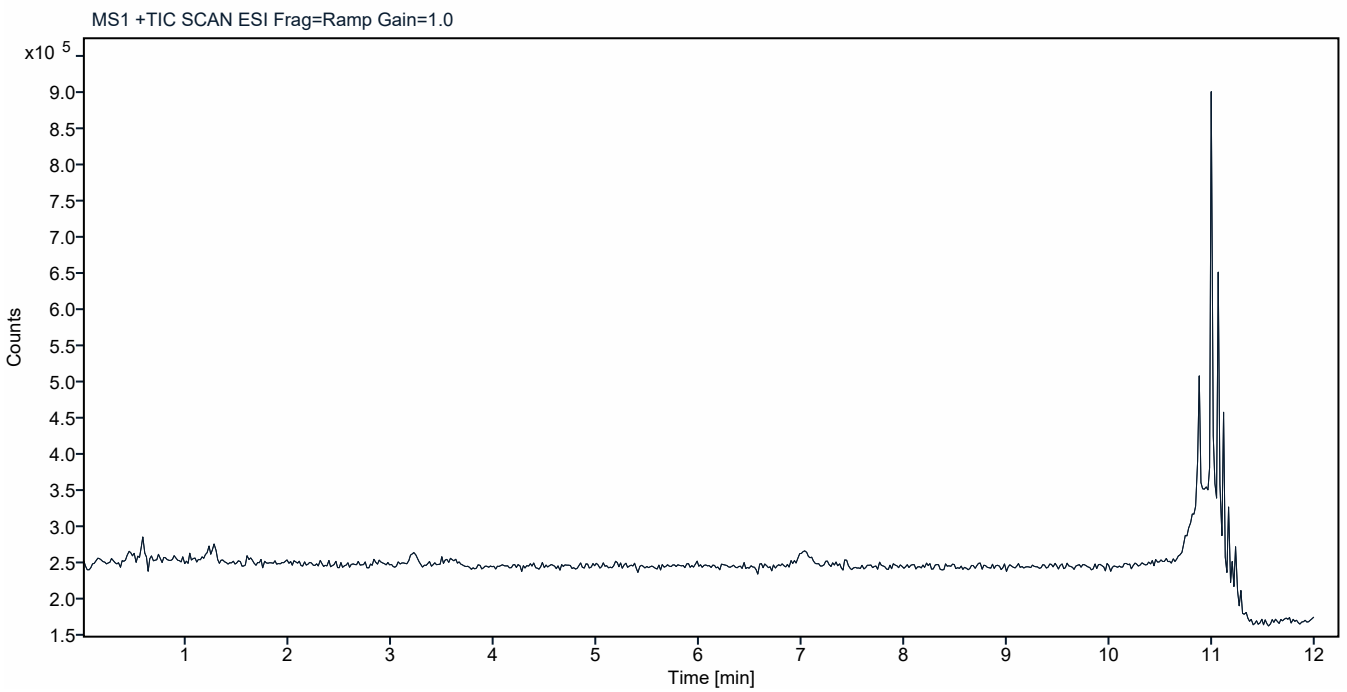
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
3.963	0.9140	3914492.1818	594306.5660	86.5150
7.230	0.3738	610147.6242	66796.2333	13.4850

AK

Analysis Report

Sample Name	Blank for Comparsion THC STD ACN	Injection Data File Name	Blank THC STD ACN 26uL (3).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-20 14:49:19-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank THC STD ACN 26uL (3).sirslt

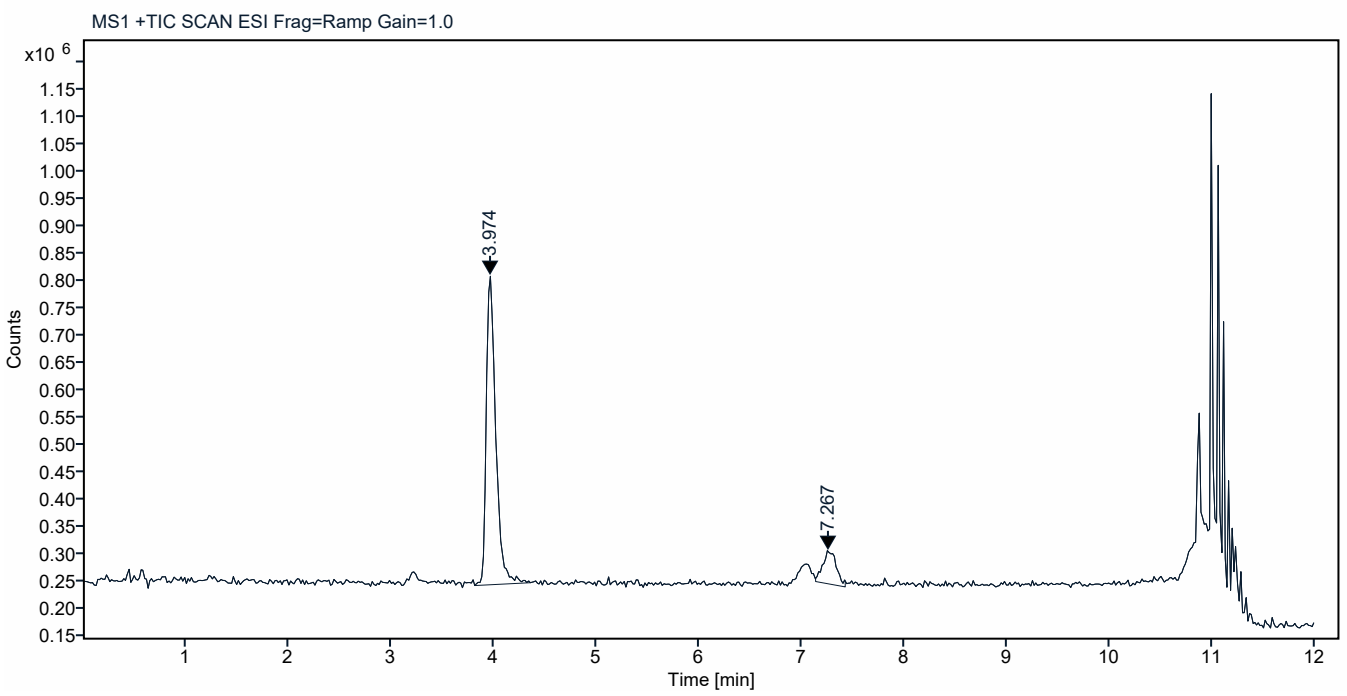


AK

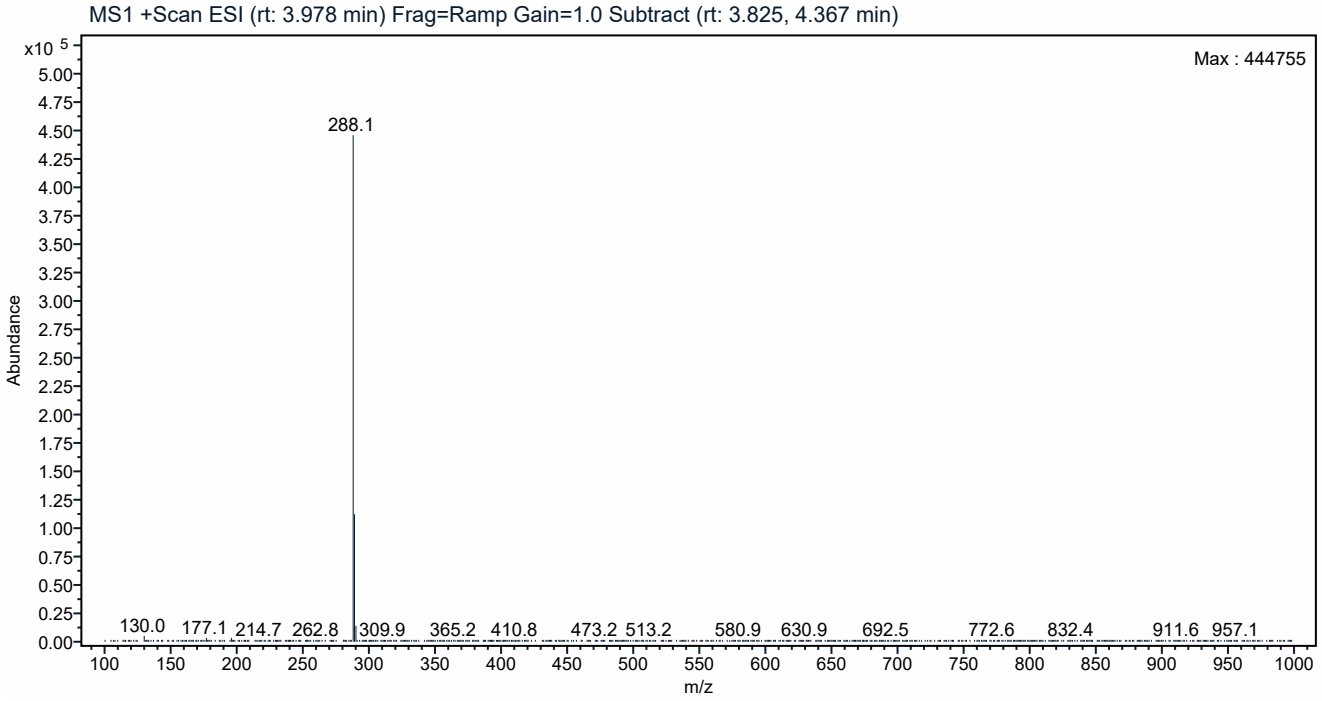
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(3).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-20 15:02:53-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(3).sirslt

Comparison STD 21



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 3.974

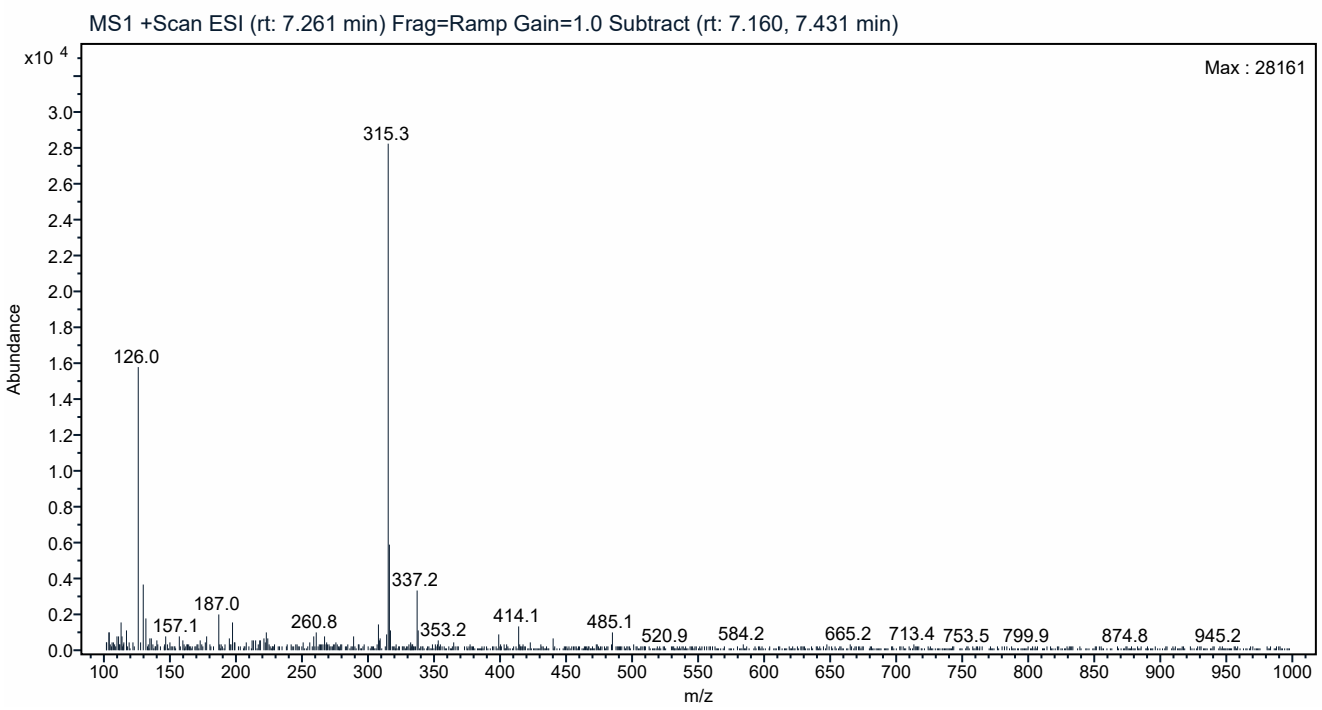


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(3).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-20 15:02:53-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(3).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.267



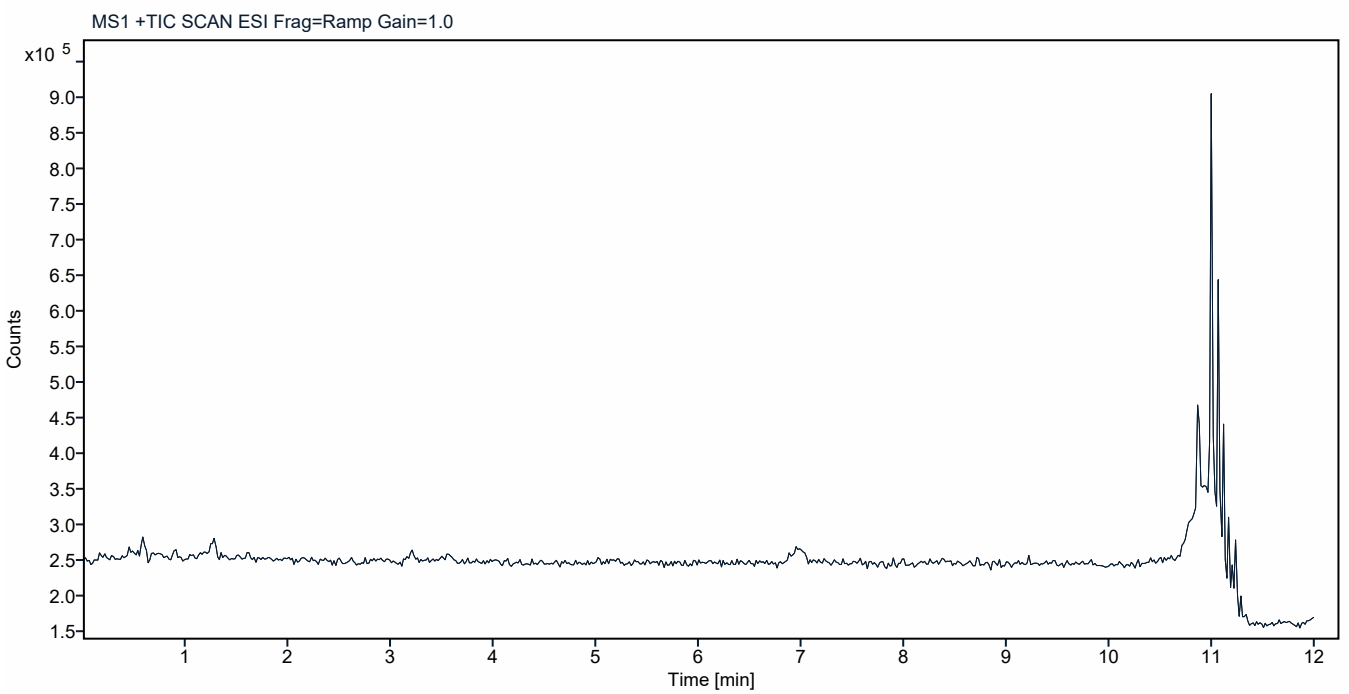
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
3.974	0.5416	3607370.5924	566694.0162	86.5722
7.267	0.2886	559522.3169	61534.4858	13.4278

AK

Analysis Report

Sample Name	Blank for Comparsion THC STD ACN	Injection Data File Name	Blank THC STD ACN 26uL (4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-20 17:32:25-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank THC STD ACN 26uL (4).sirslt

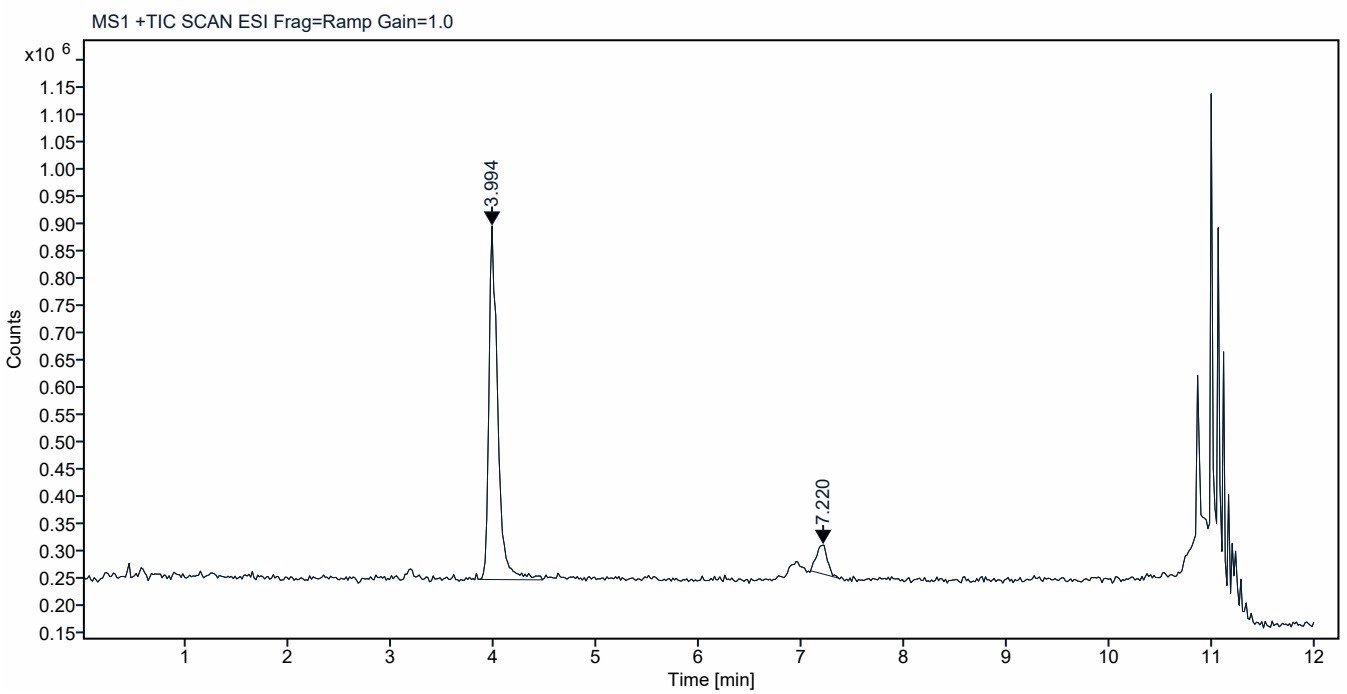


AK

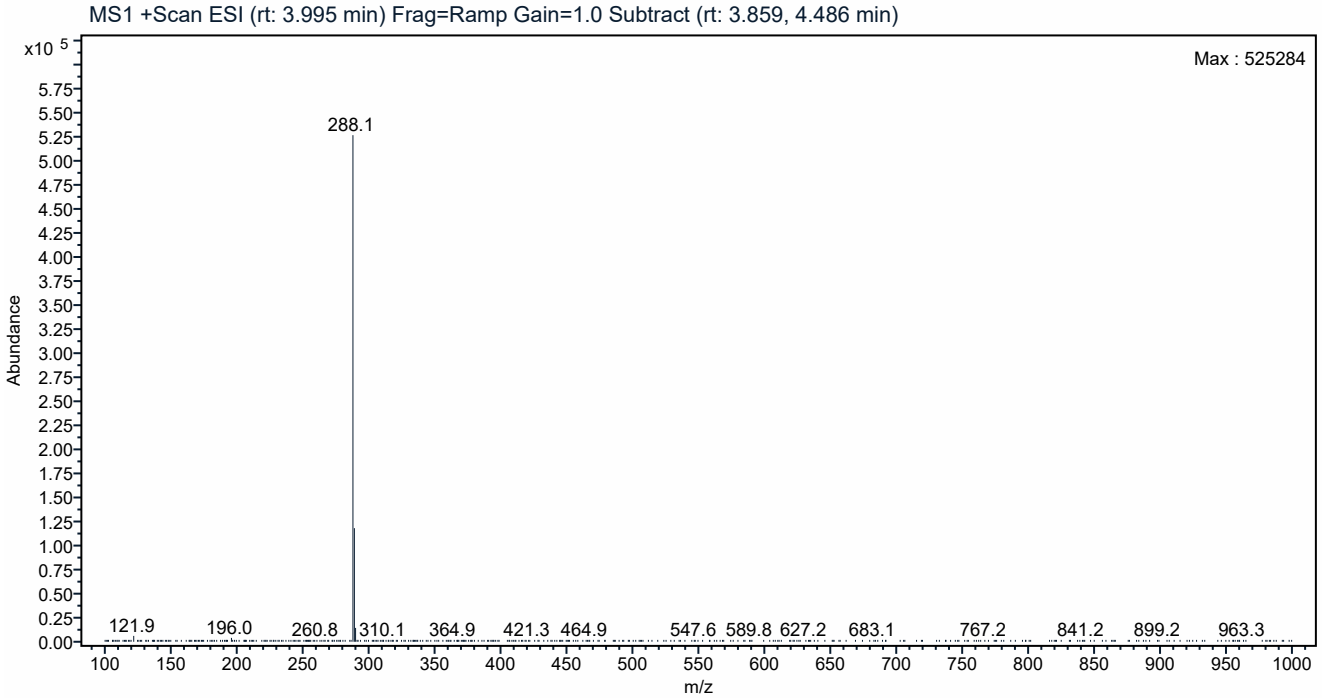
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-20 17:45:59-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(4).sirslt

Comparison STD 22



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 3.994

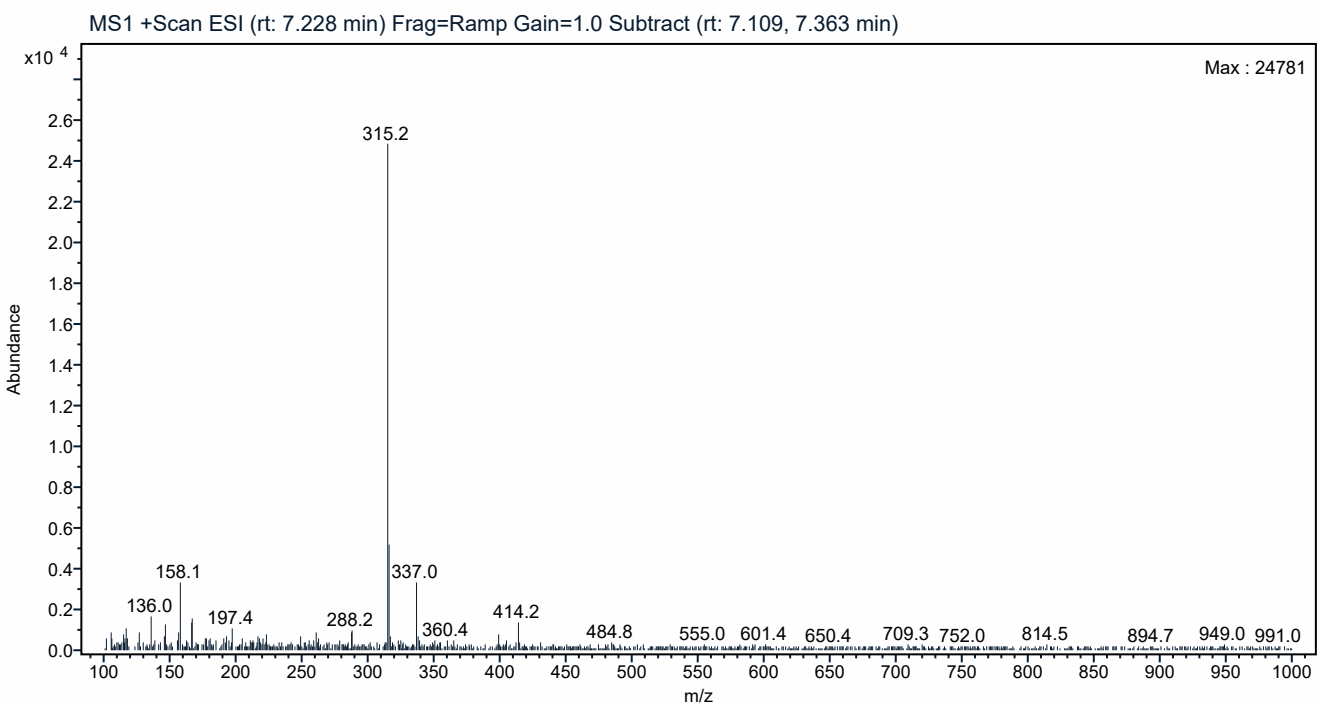


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-20 17:45:59-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(4).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.220



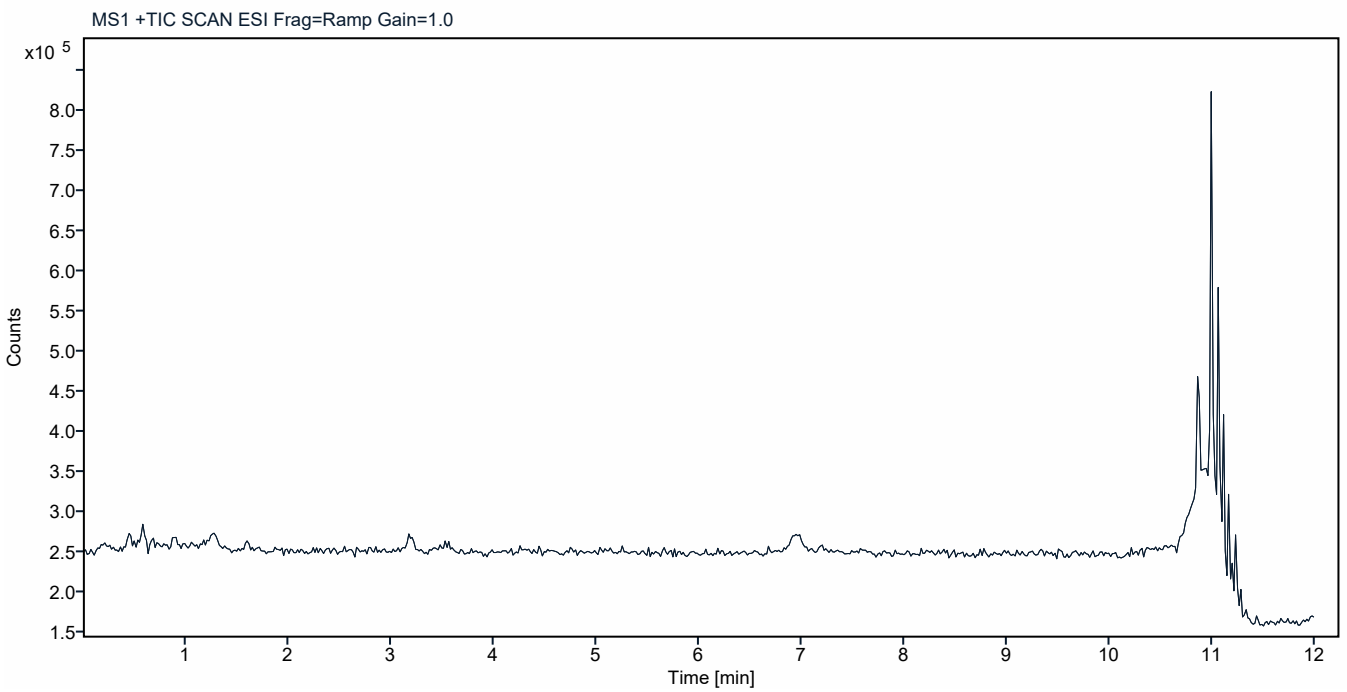
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
3.994	0.6262	3881128.2970	648518.9089	90.8663
7.220	0.2743	390123.2261	54590.2995	9.1337

AK

Analysis Report

Sample Name	Blank for Comparsion THC STD ACN	Injection Data File Name	Blank THC STD ACN 26uL(5).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-20 18:53:55-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank THC STD ACN 26uL(5).sirslt

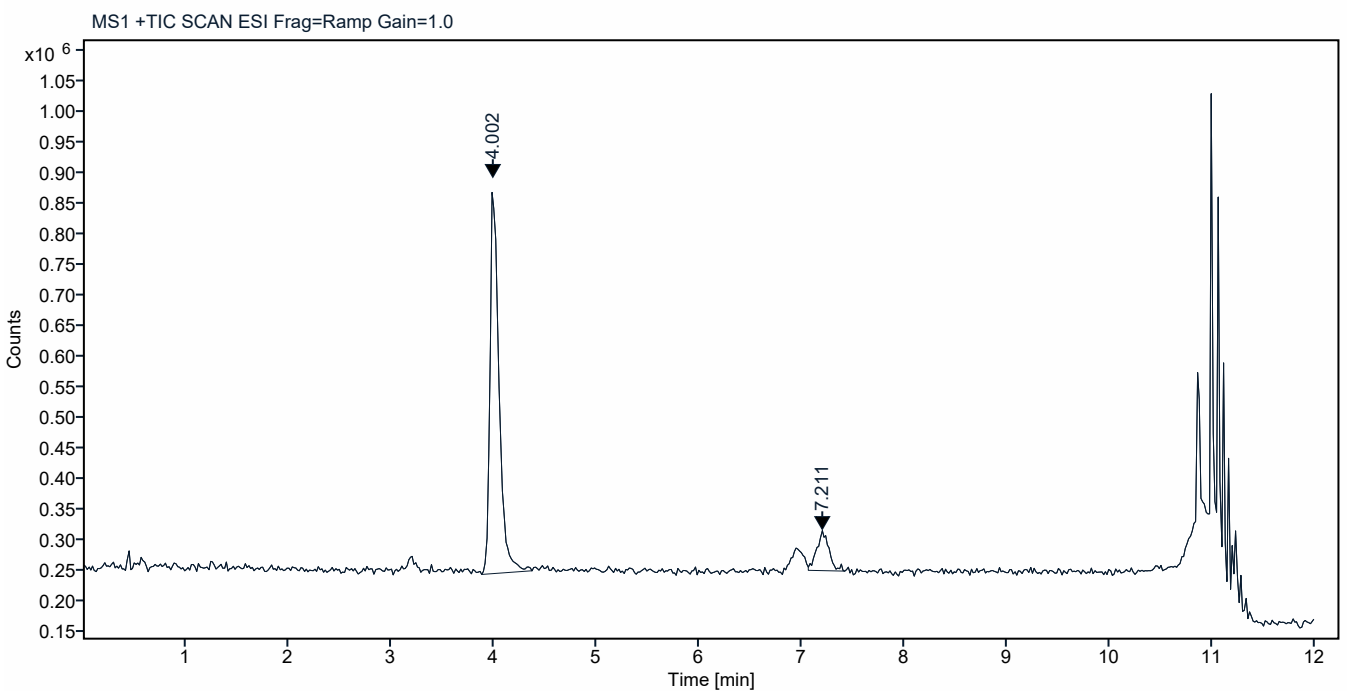


AK

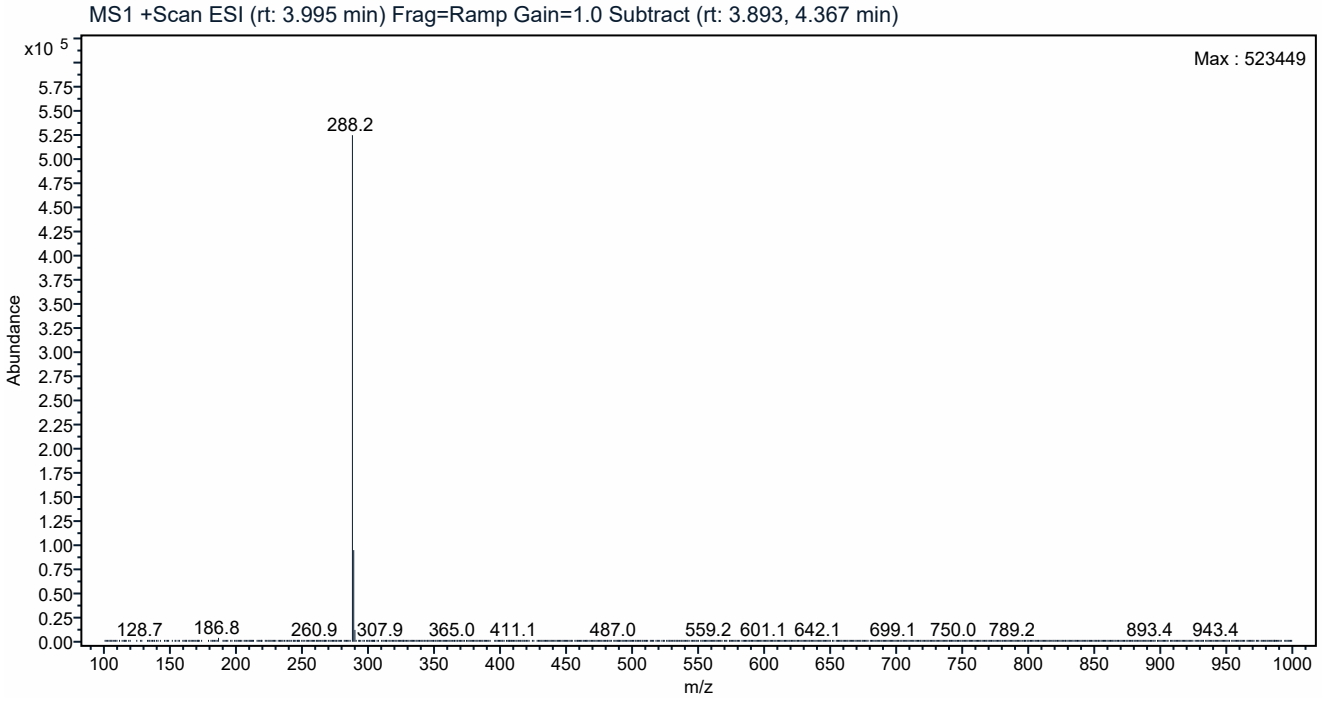
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(5).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-20 19:07:28-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(5).sirslt

Comparison STD 23



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.002

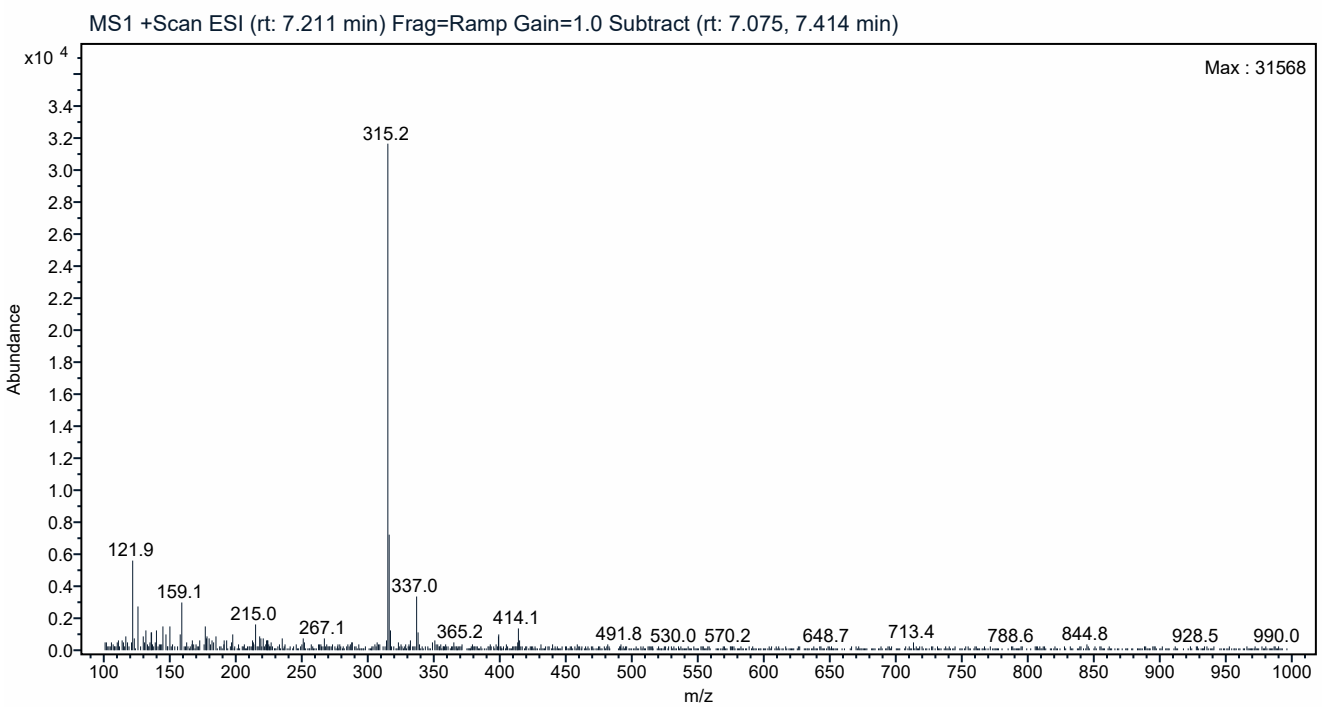


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(5).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-20 19:07:28-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(5).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.211



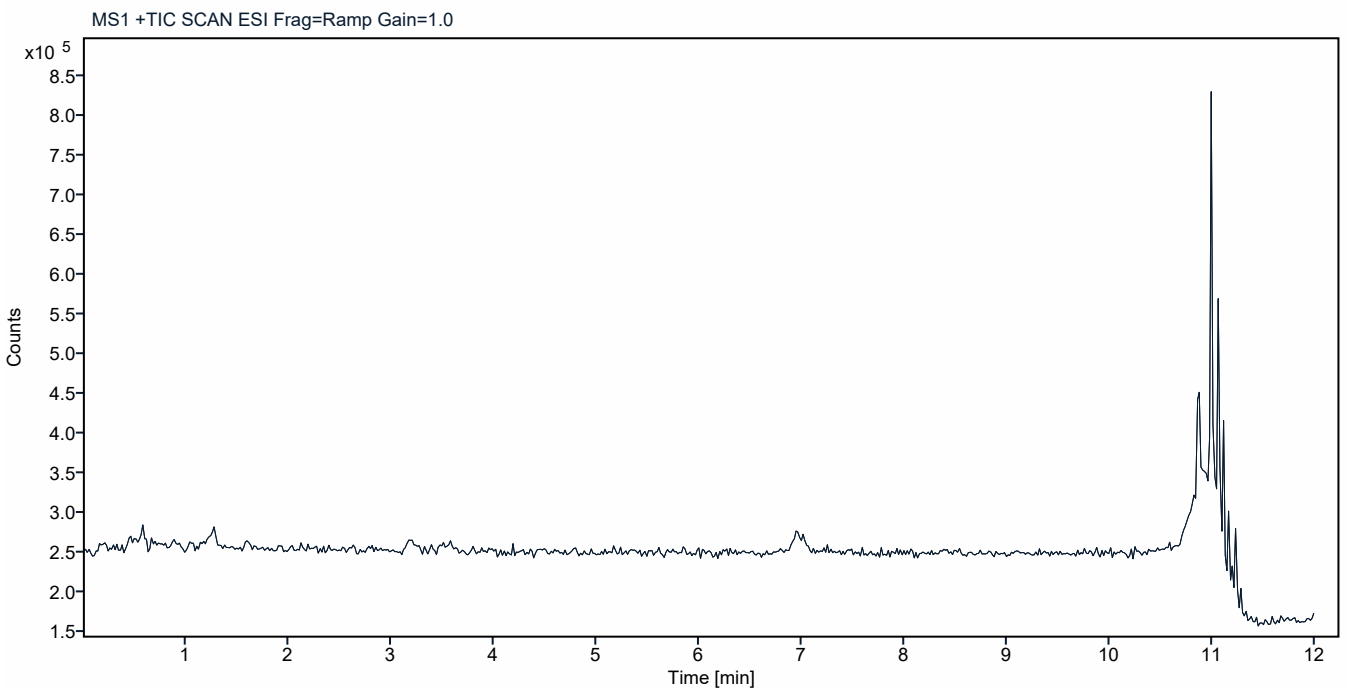
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.002	0.4902	3874575.5711	646010.0823	87.8718
7.211	0.3533	534772.4794	65442.9920	12.1282

AK

Analysis Report

Sample Name	Blank Comparsion THC STD ACN 26uL	Injection Data File Name	Blank THC STD ACN 26uL(6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-20 20:15:27-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank THC STD ACN 26uL(6).sirslt

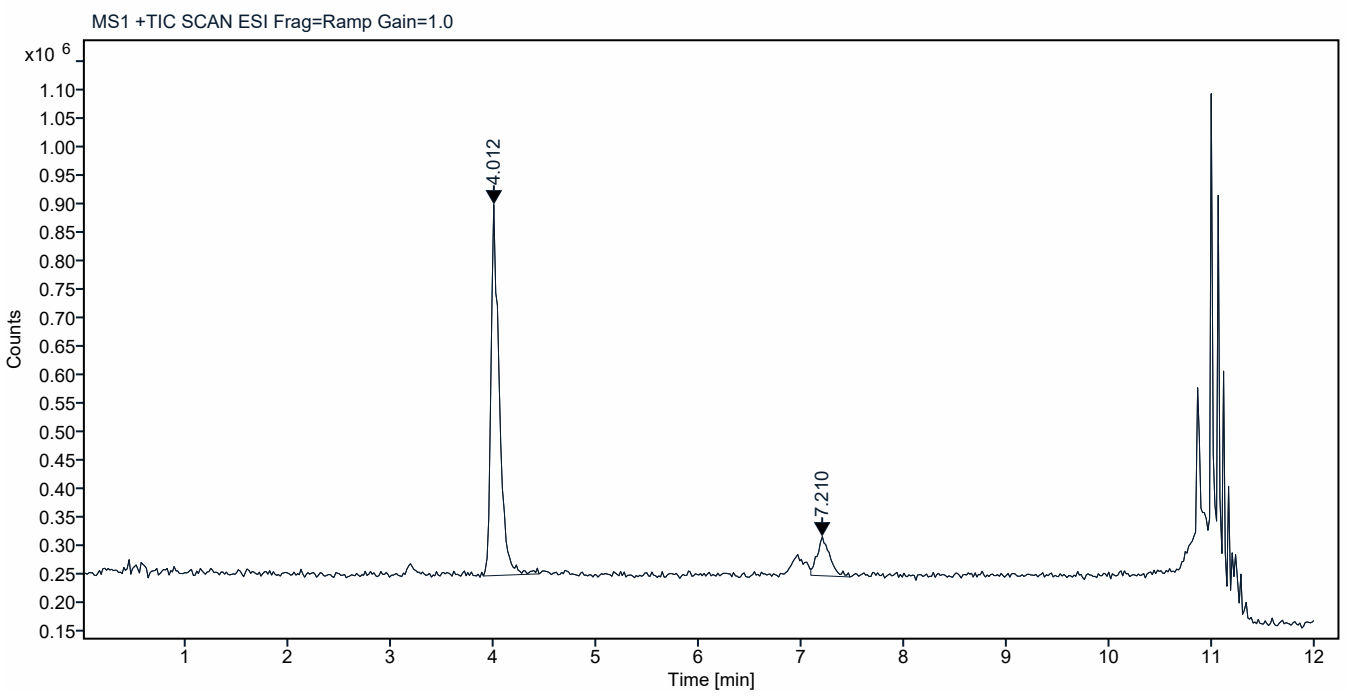


AK

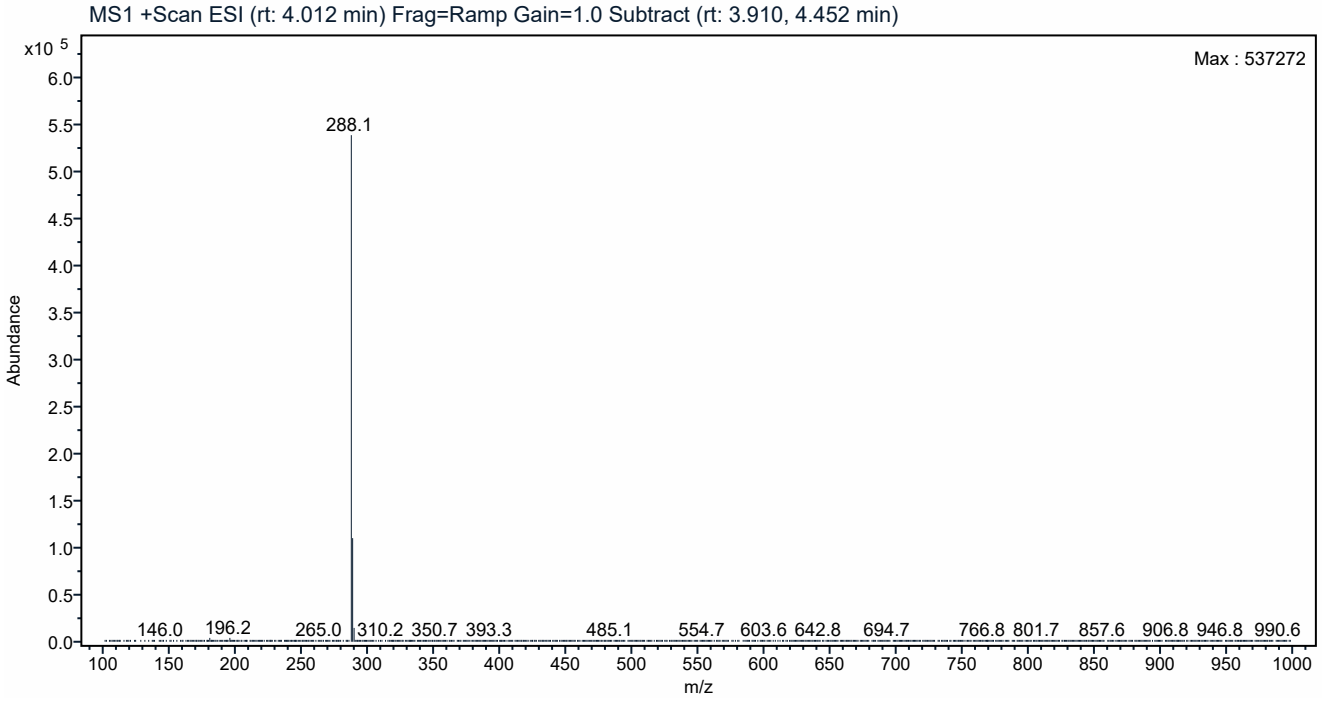
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-20 20:29:00-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(6).sirslt

Comparison STD 24



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.012

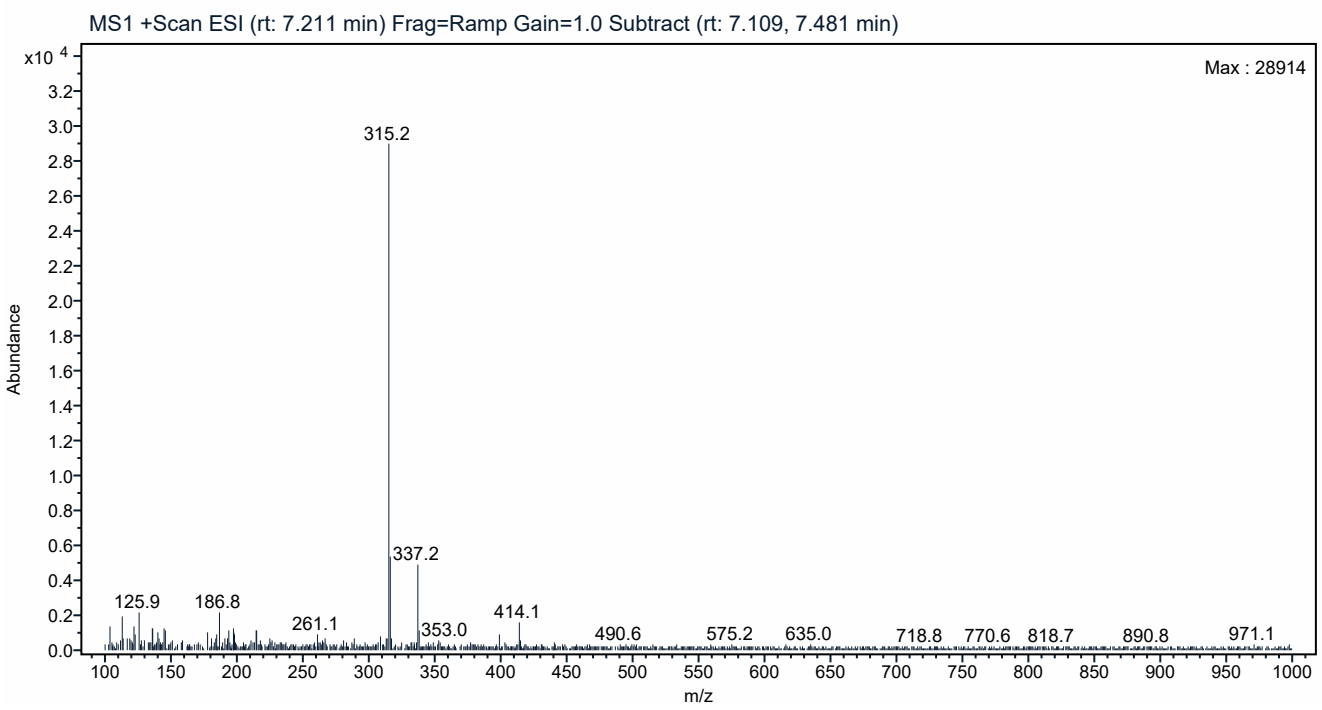


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-20 20:29:00-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(6).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.210



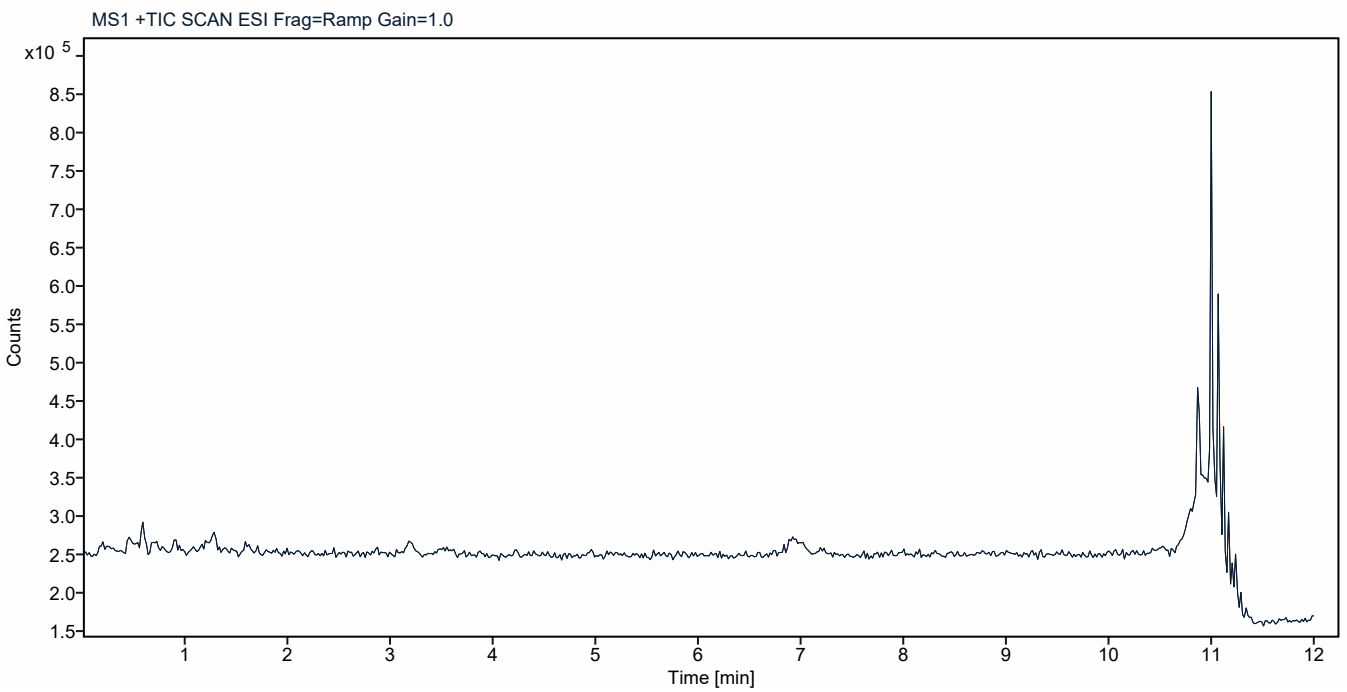
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.012	0.5416	3698609.4718	651349.2733	86.2963
7.210	0.3817	587333.9540	68747.2253	13.7037

AK

Analysis Report

Sample Name	Blank for Comparsion THC STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL(7).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-20 21:36:59-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank Comparsion THC STD ACN 26uL (7).sirslt

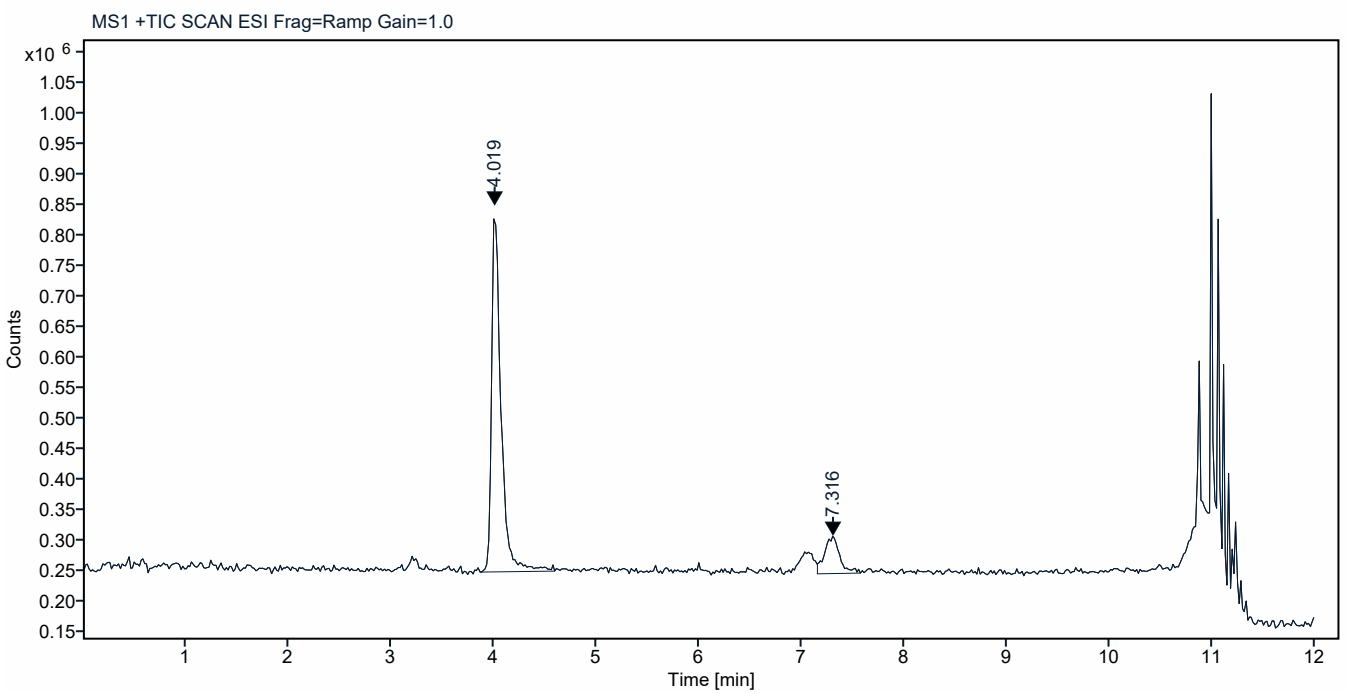


AK

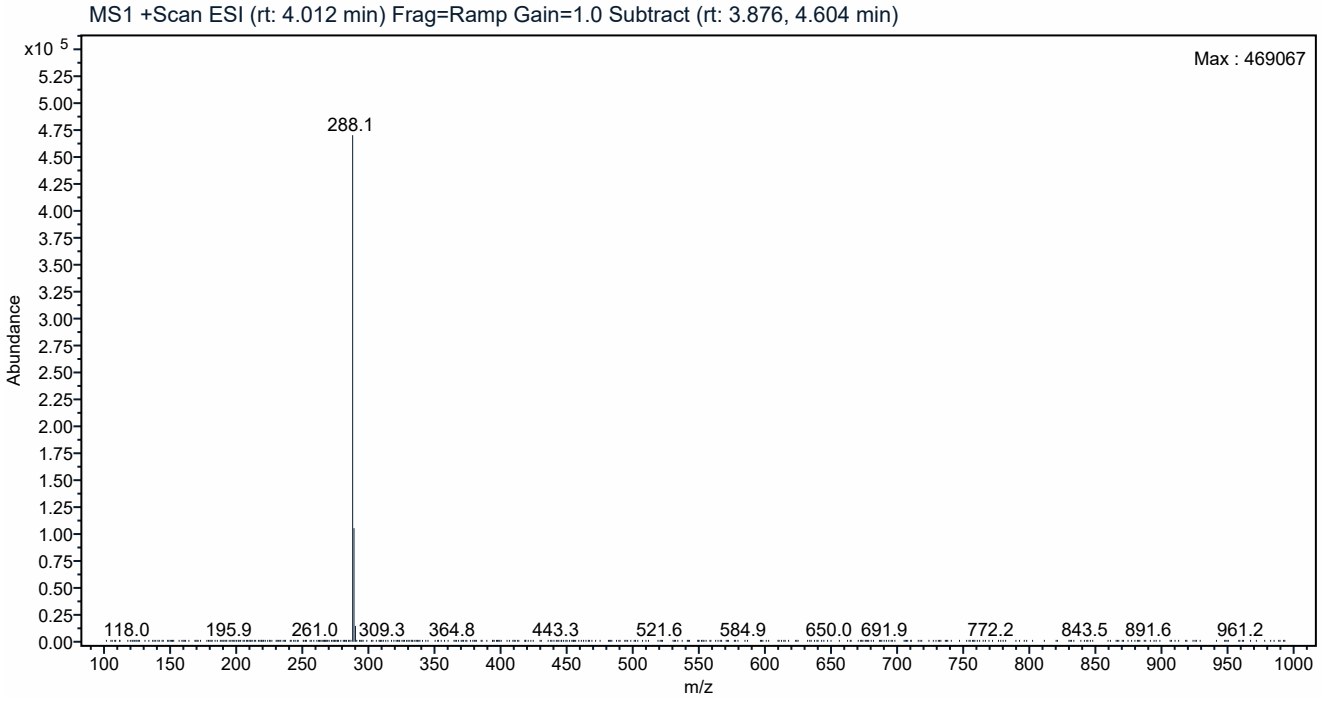
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(7).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-20 21:50:33-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(7).sirslt

Comparison STD 25



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.019

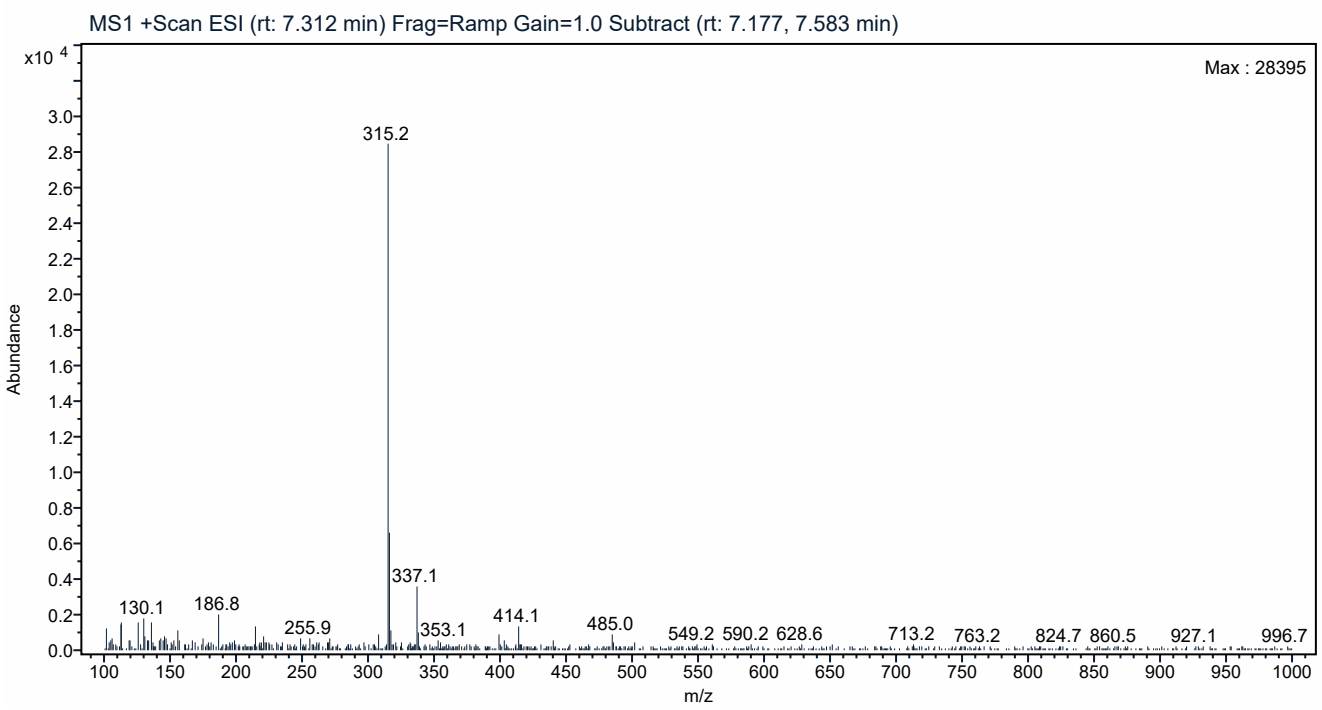


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(7).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-20 21:50:33-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(7).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.316



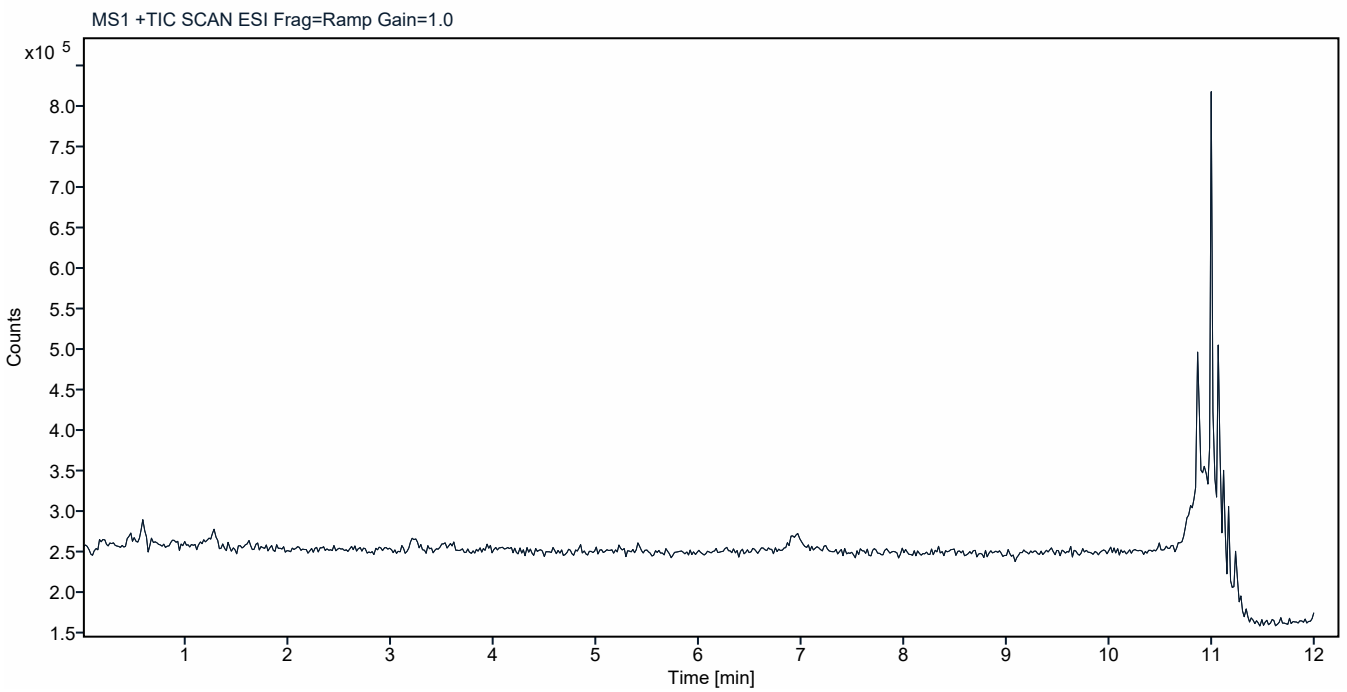
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.019	0.7278	3744607.9439	600102.5064	85.5961
7.316	0.4190	630134.3124	61373.7663	14.4039

AK

Analysis Report

Sample Name	Blank for Comparsion THC STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL(10).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-21 00:20:02-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank Comparsion THC STD ACN 26uL (10).sirslt

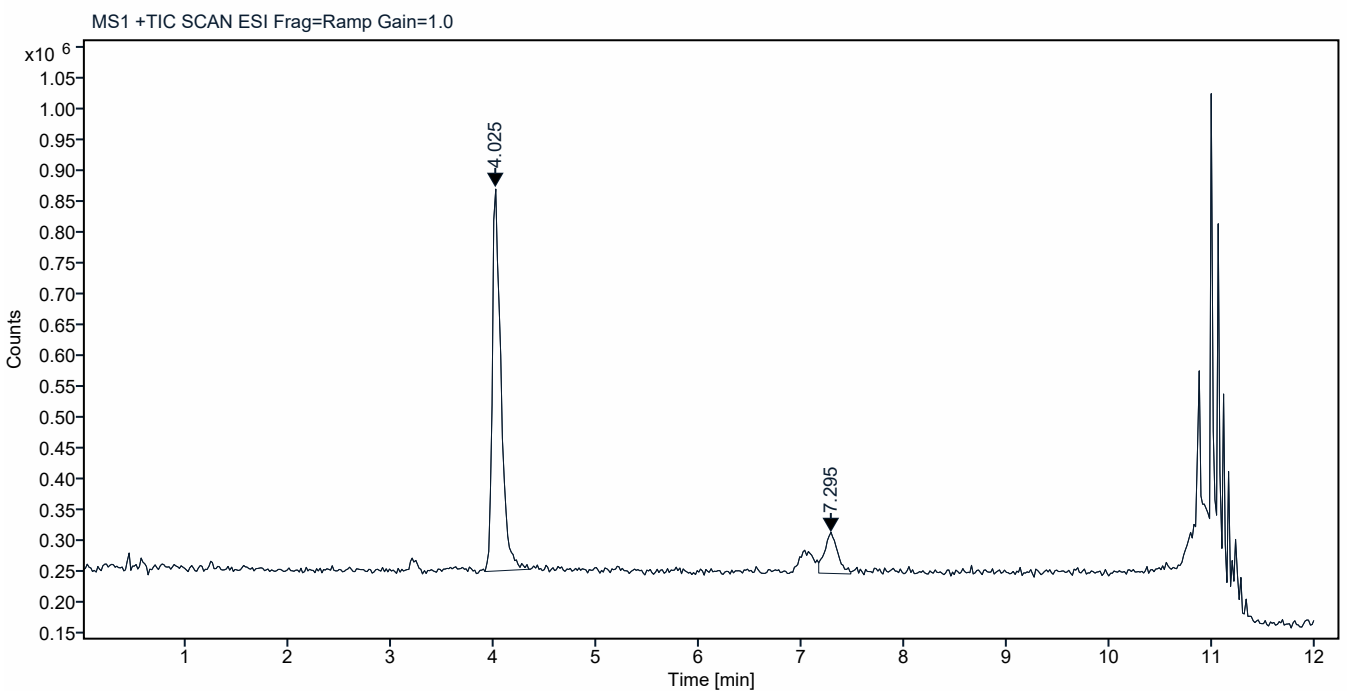


AK

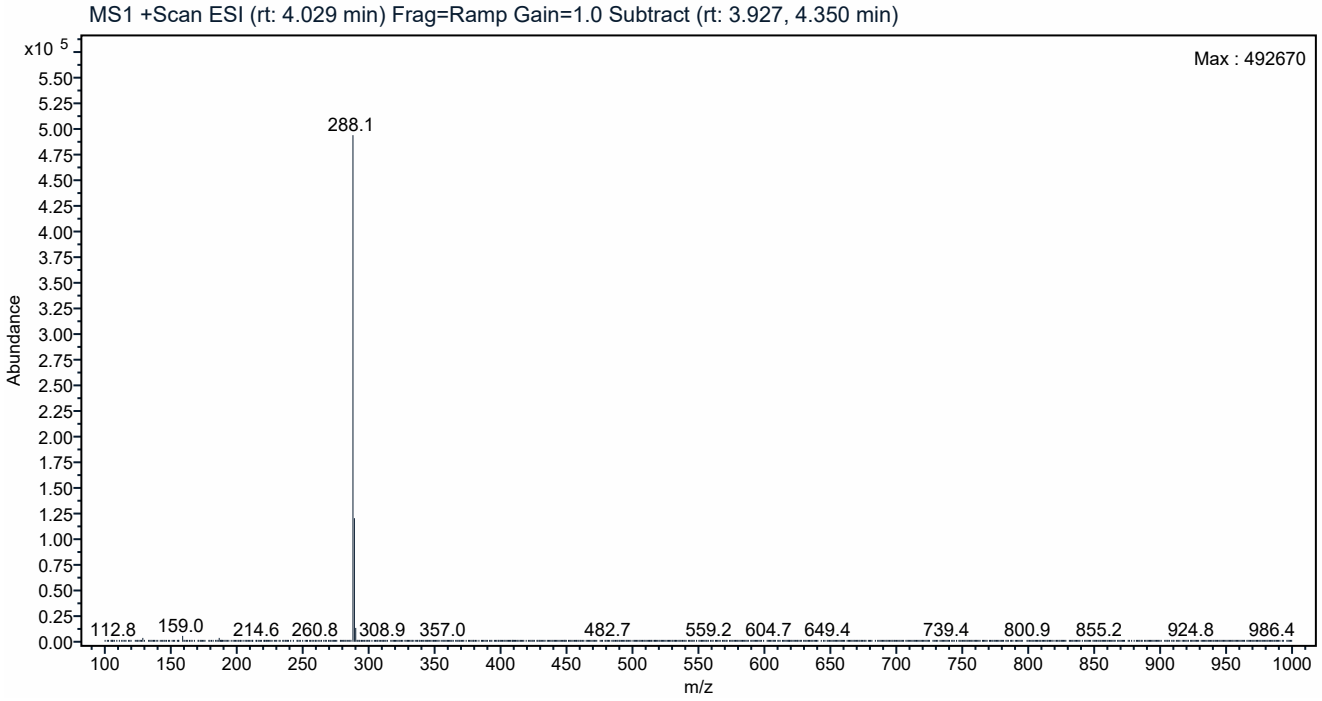
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(8).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-20 23:12:04-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(8).sirslt

Comparison STD 26



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.025

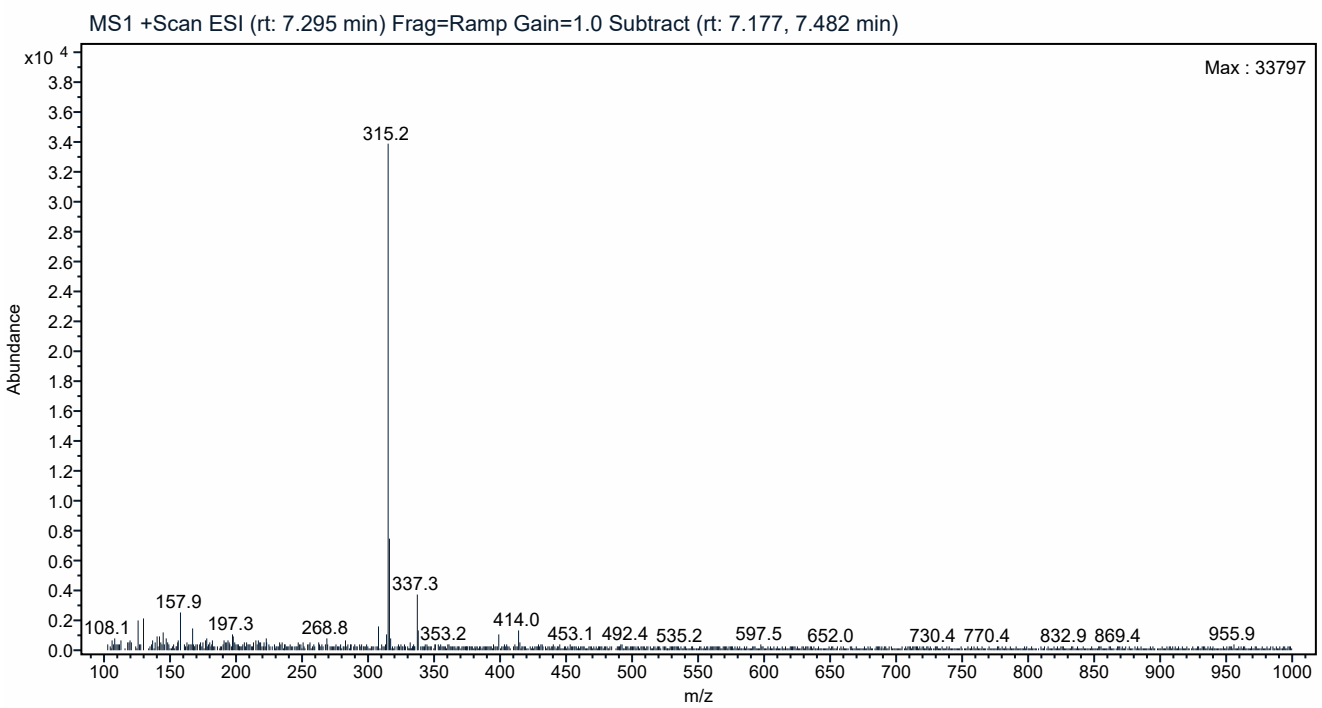


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(8).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-20 23:12:04-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(8).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.295



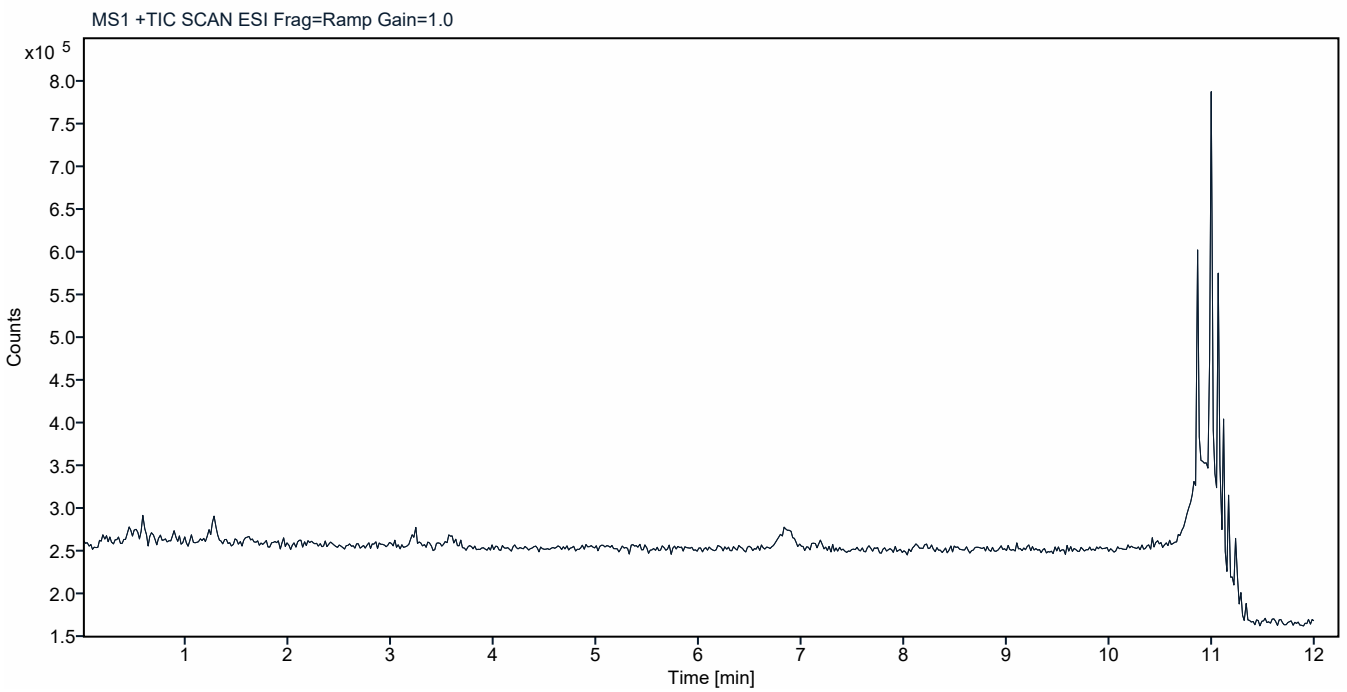
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.025	0.4327	3645205.6006	622521.9894	86.0905
7.295	0.3131	588949.1177	66755.4326	13.9095

AK

Analysis Report

Sample Name	Blank for Comparsion THC STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL(11).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-21 01:41:34-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank Comparsion THC STD ACN 26uL (11).sirslt

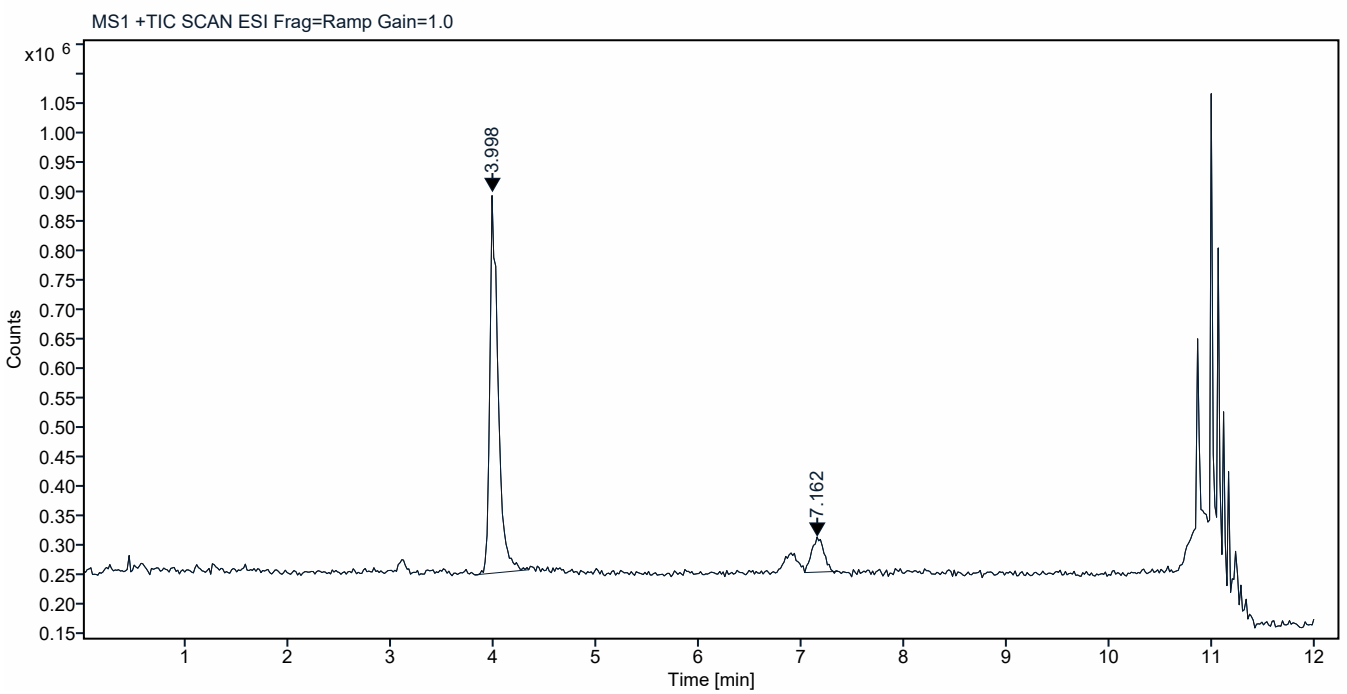


AK

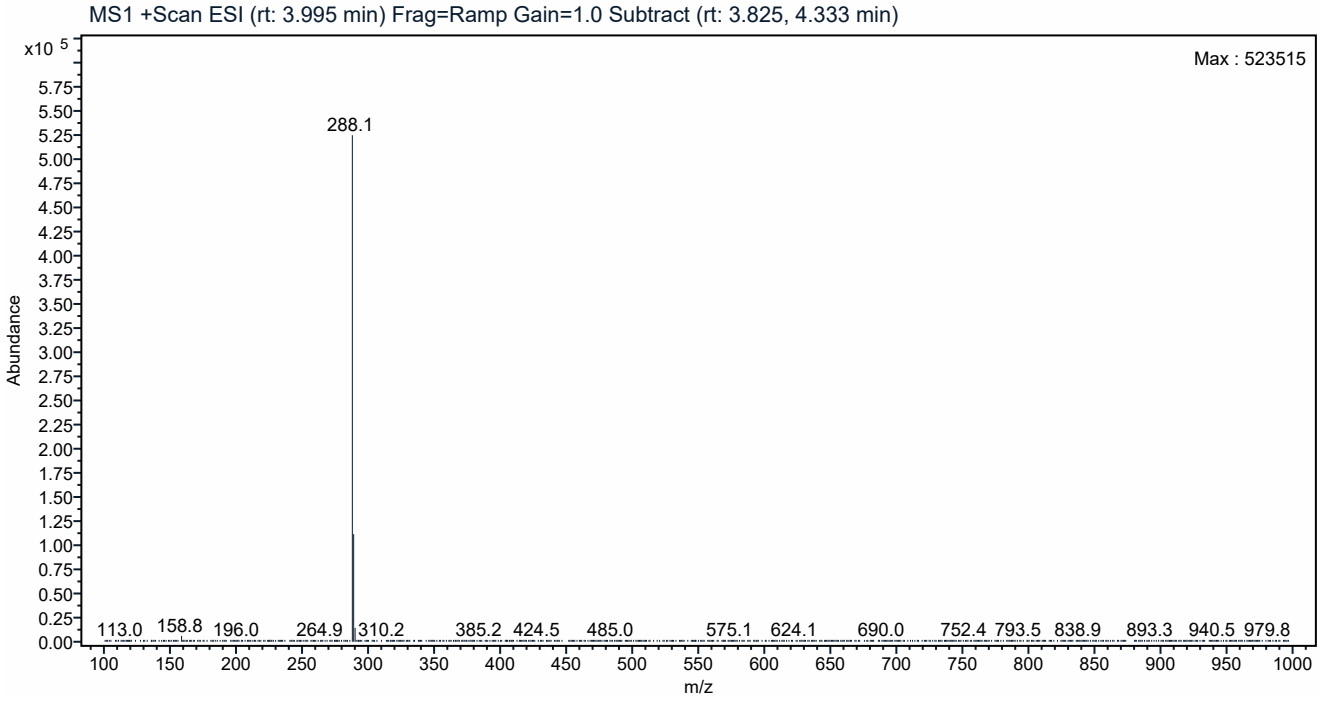
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(10).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-21 00:33:36-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(10).sirslt

Comparison STD 27



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 3.998

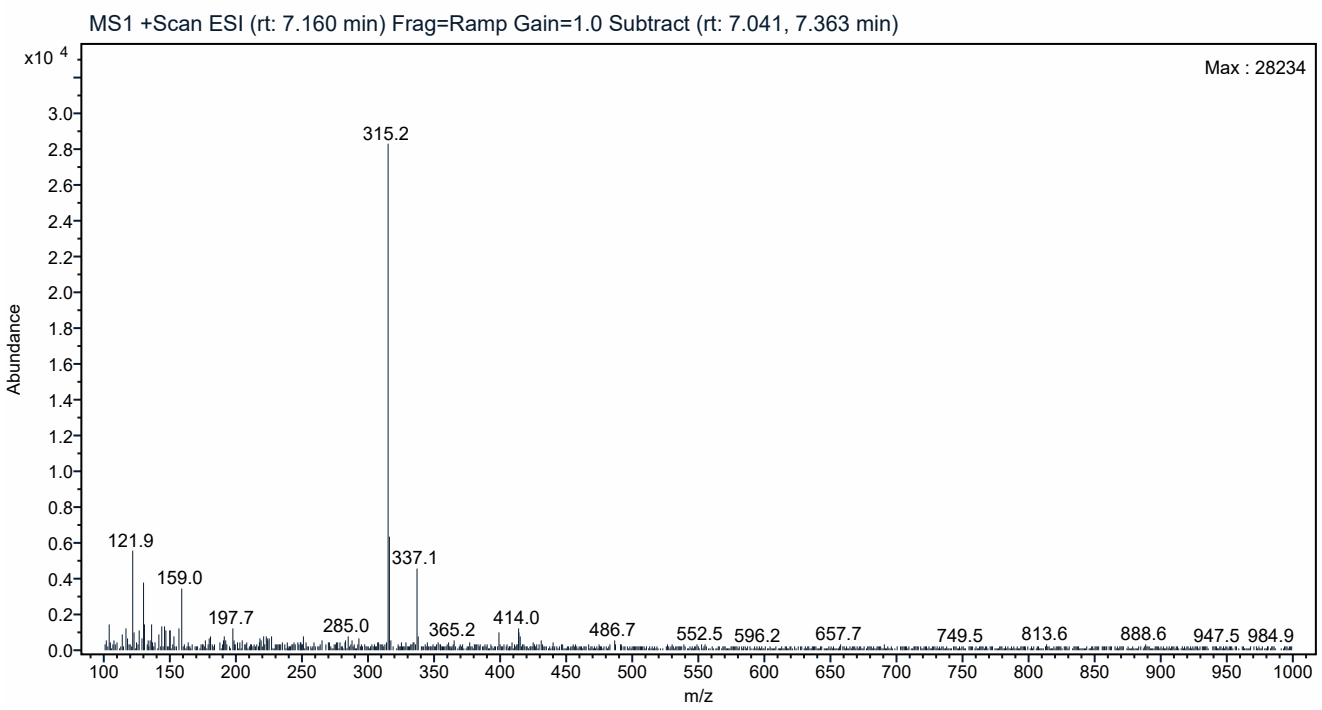


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(10).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-21 00:33:36-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(10).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.162



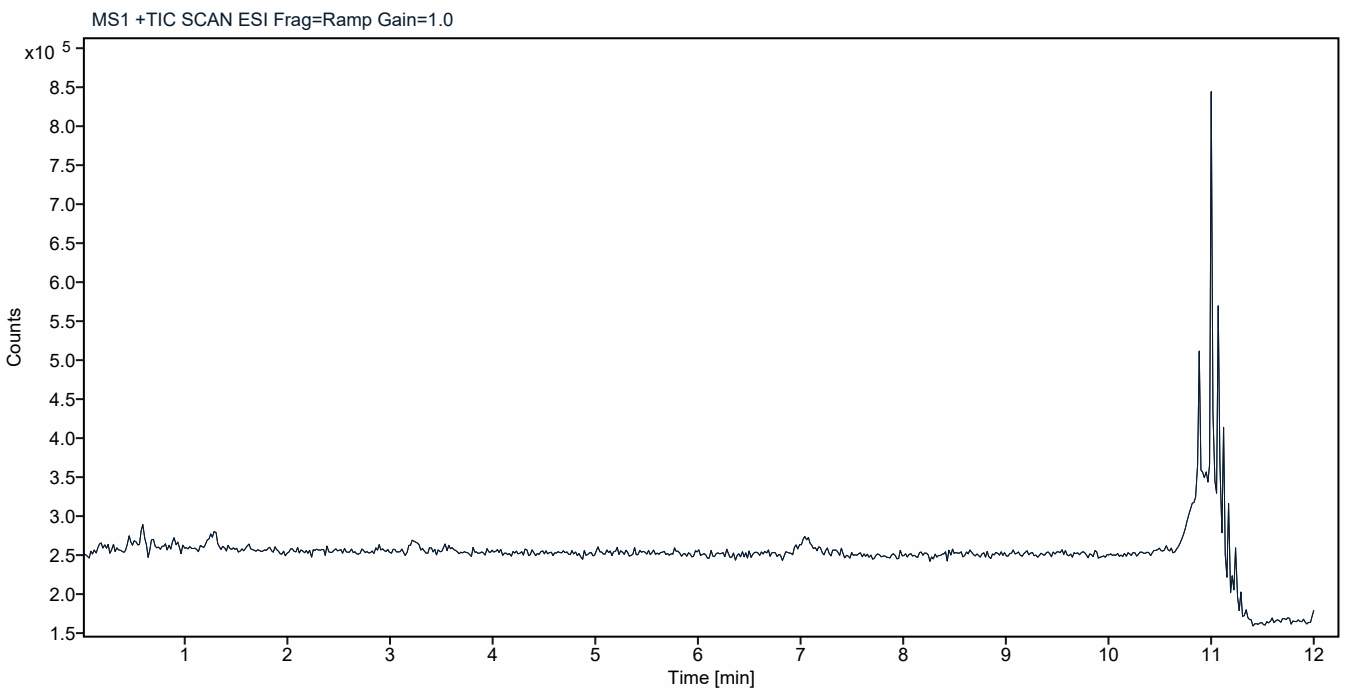
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
3.998	0.5244	3617463.2552	646740.7398	88.1685
7.162	0.3250	485435.0014	59794.3323	11.8315

AK

Analysis Report

Sample Name	Blank for Comparsion THC STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL(8).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-20 22:58:30-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank Comparsion THC STD ACN 26uL (8).sirslt

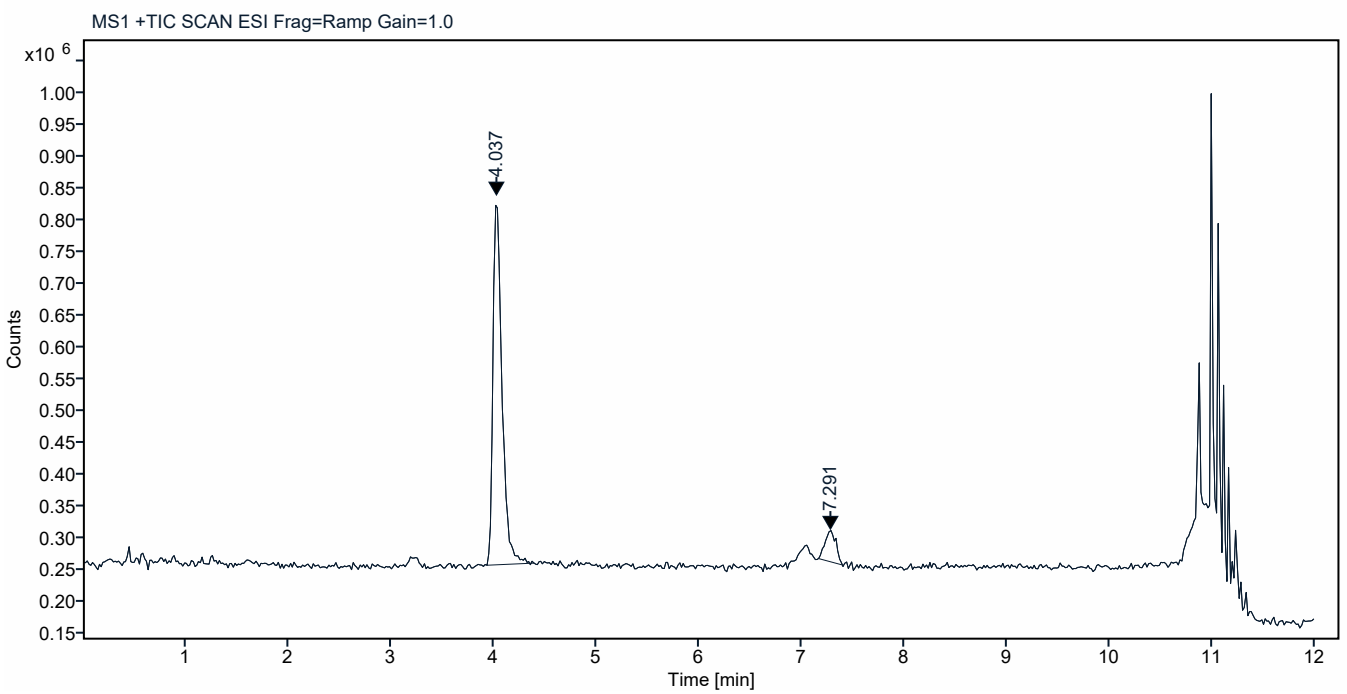


AK

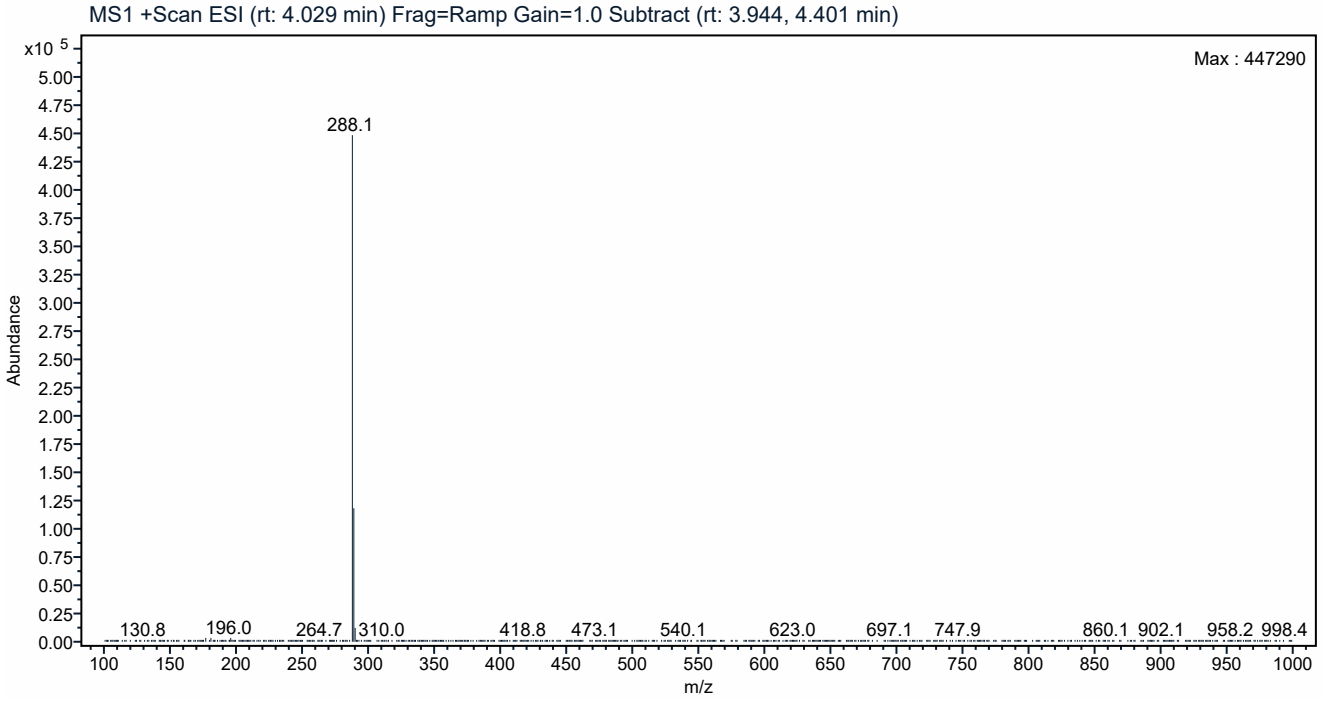
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(11).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-21 01:55:08-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(11).sirslt

Comparison STD 28



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.037

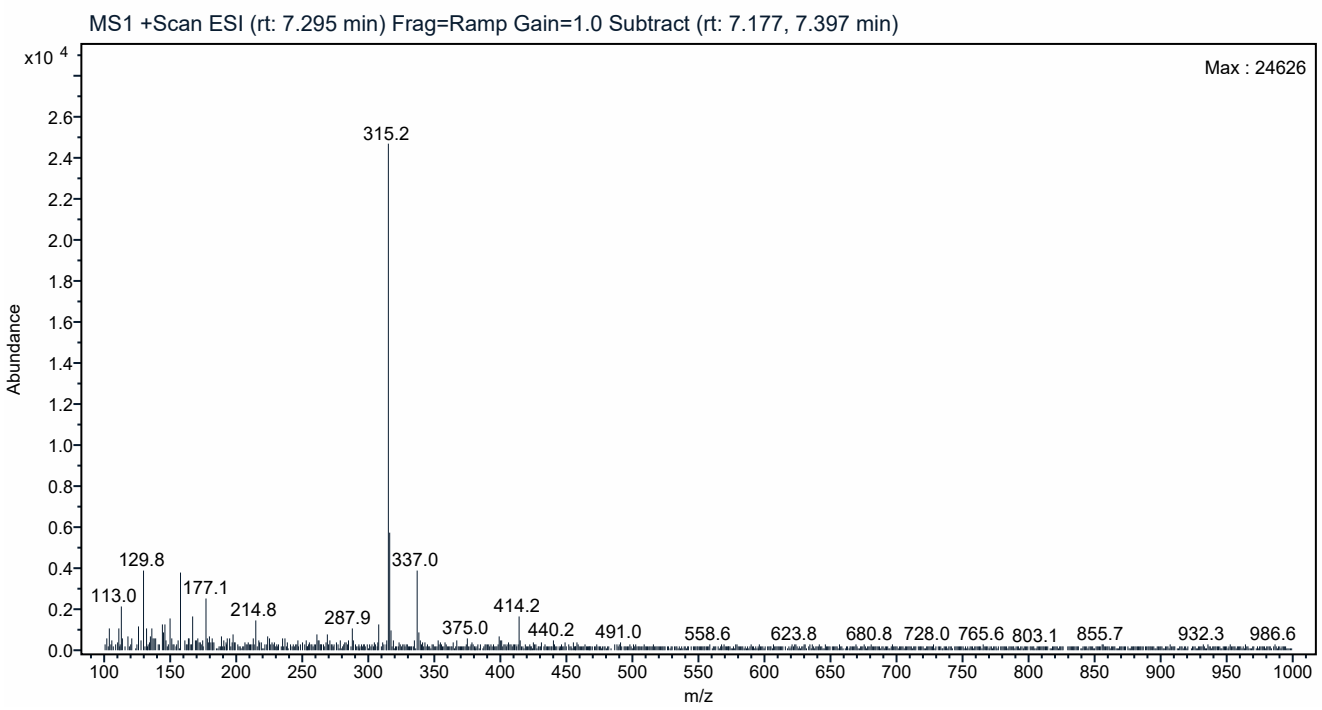


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(11).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-21 01:55:08-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(11).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.291



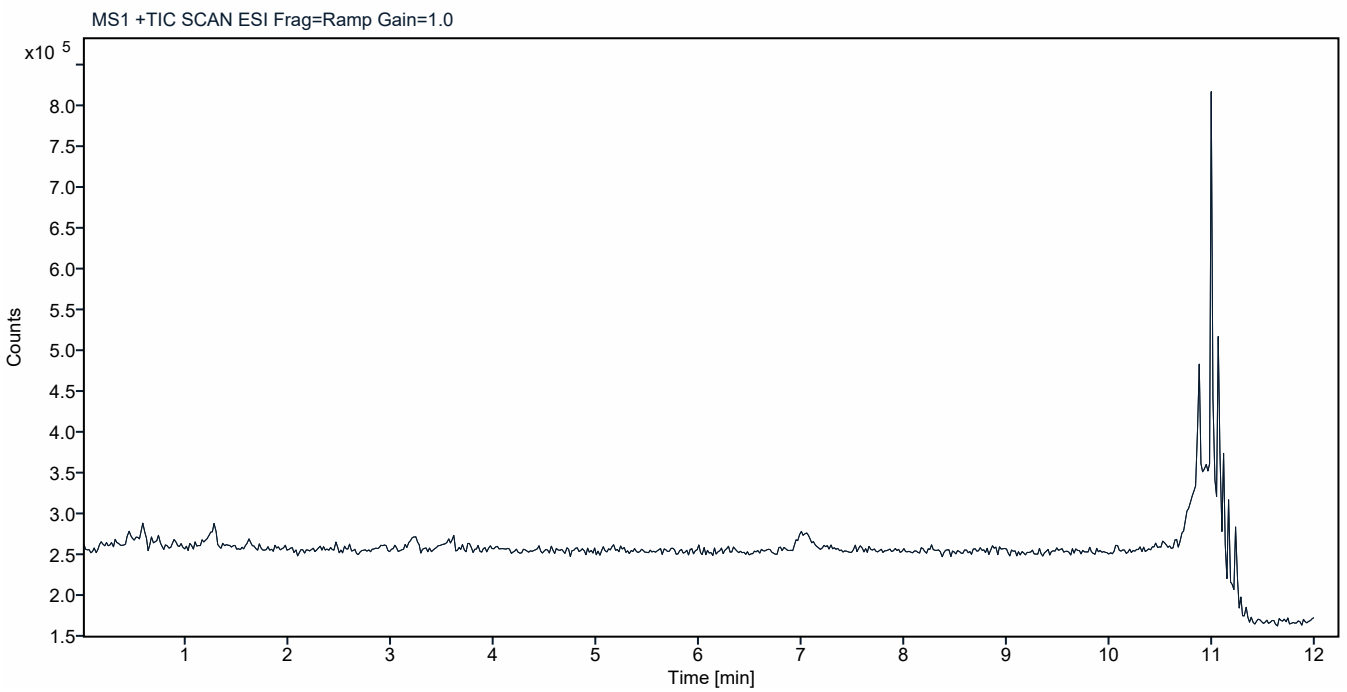
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.037	0.4607	3494846.9283	579902.4744	90.5655
7.291	0.2331	364070.0835	49388.1850	9.4345

AK

Analysis Report

Sample Name	Blank for Comparsion THC STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL(12).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-21 03:03:05-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank Comparsion THC STD ACN 26uL (12).sirslt

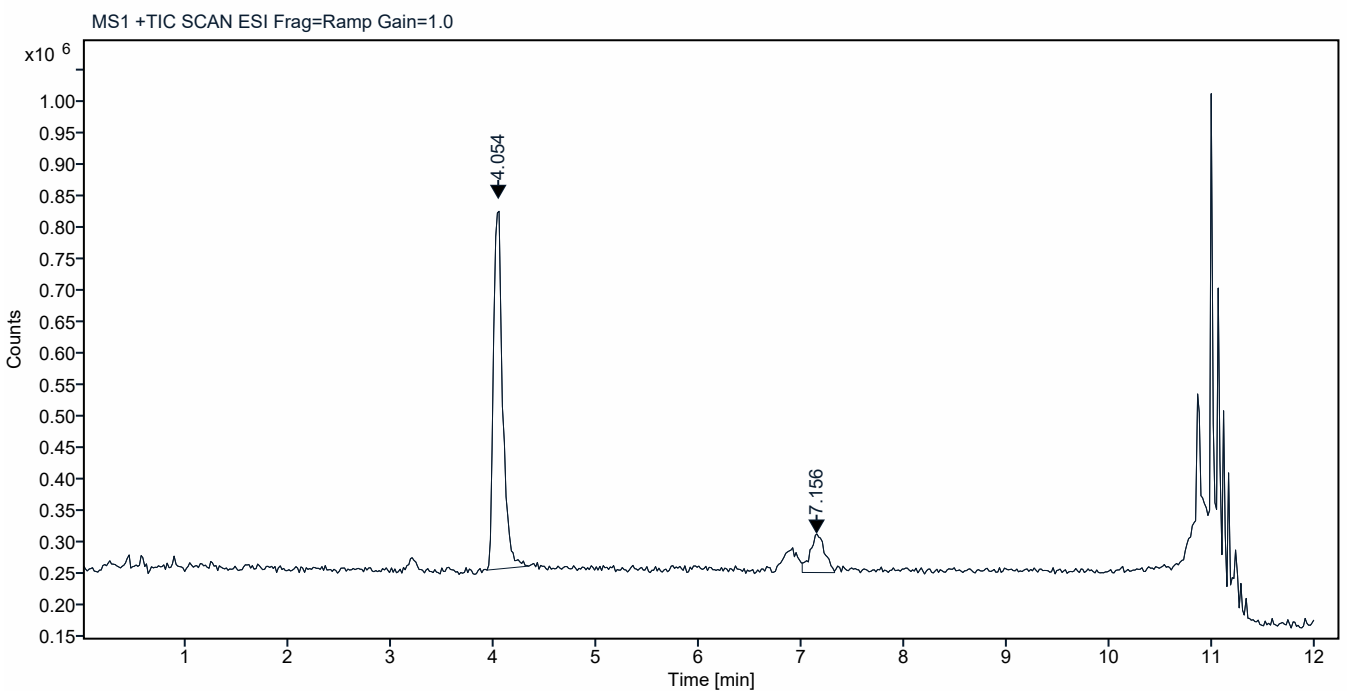


AK

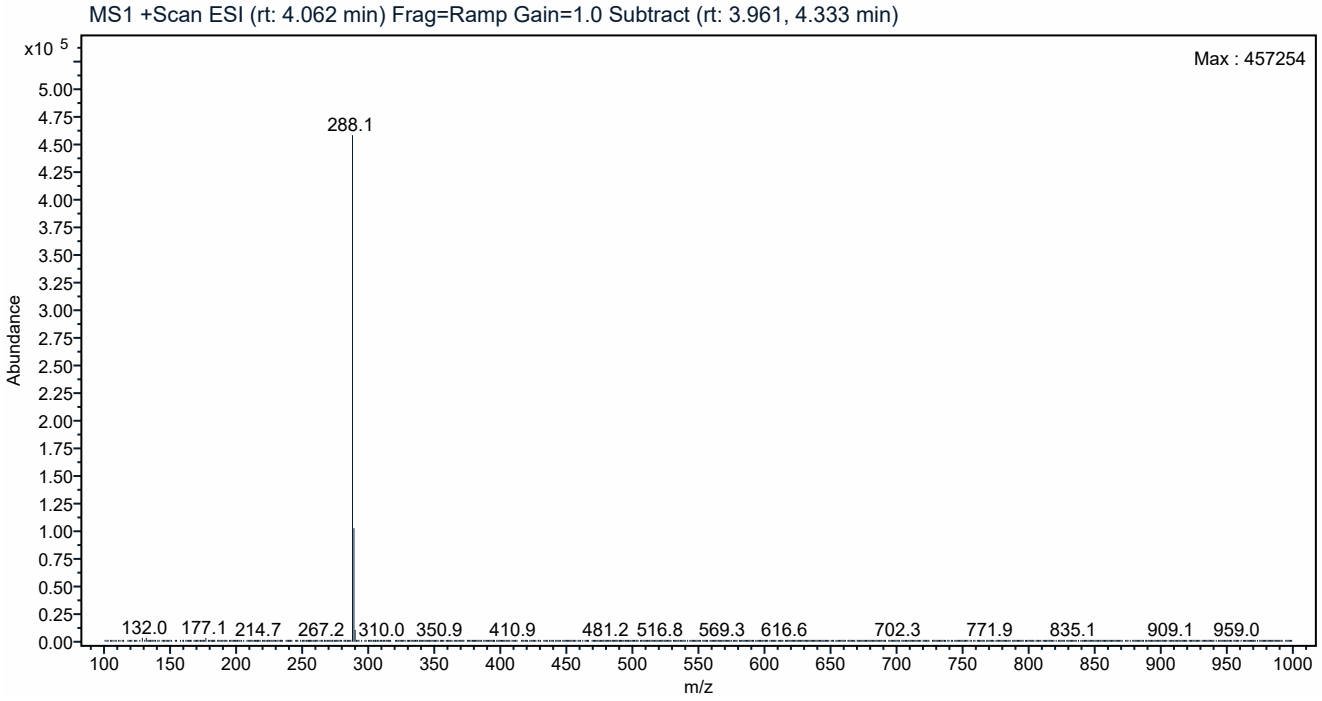
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(12).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-21 03:16:39-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(12).sirslt

Comparison STD 29



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.054

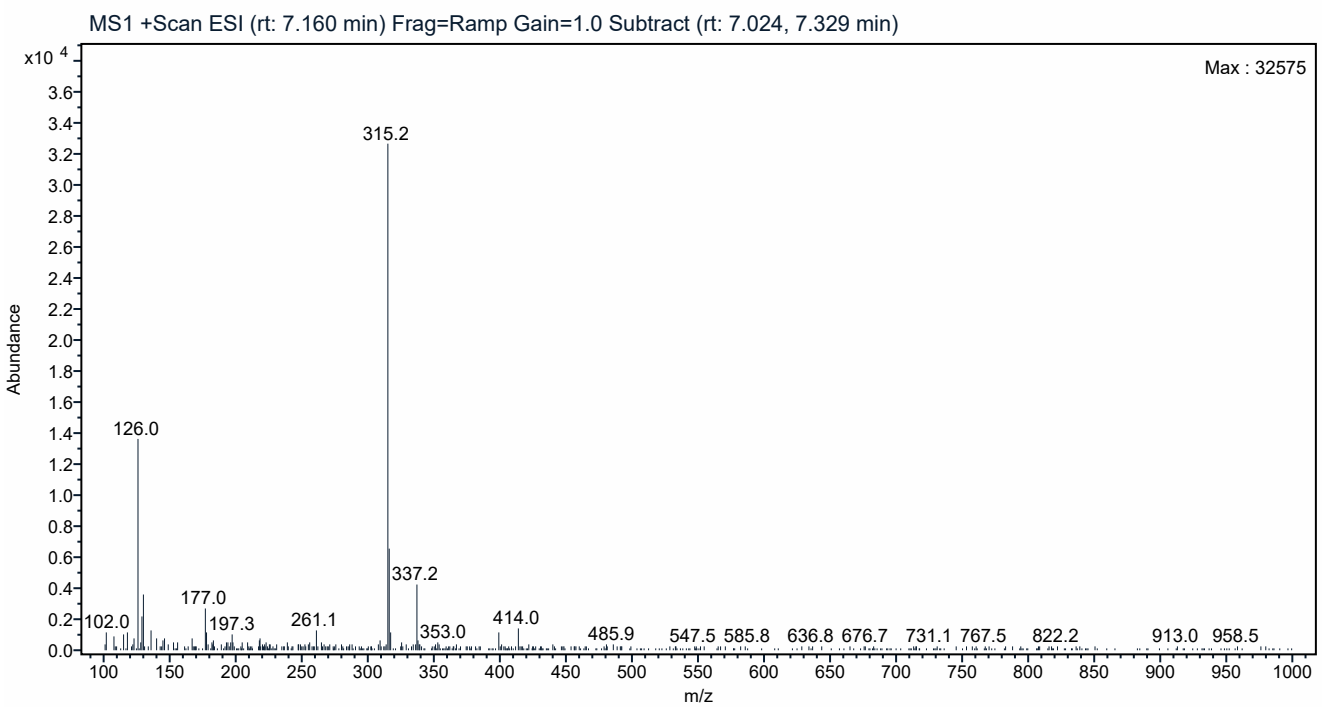


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(12).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-21 03:16:39-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(12).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.156



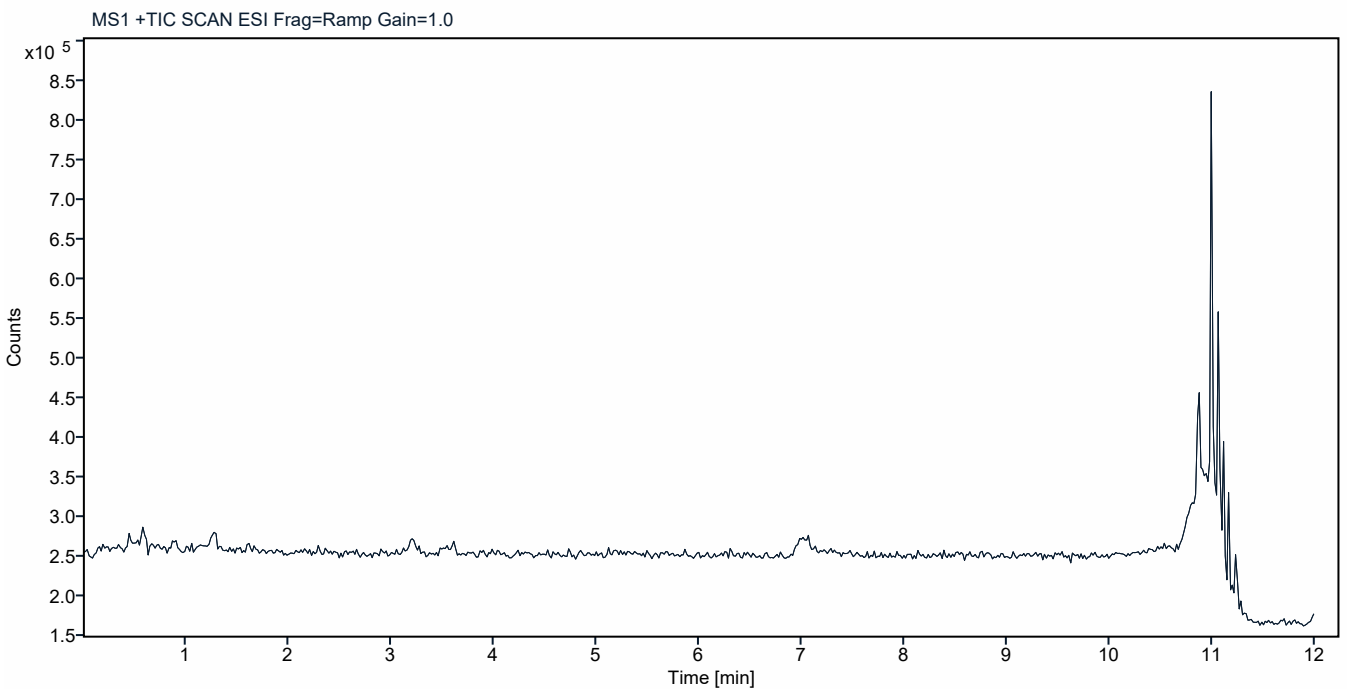
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.054	0.4049	3567992.4160	587638.1372	85.5860
7.156	0.3151	600903.4912	61244.7953	14.4140

AK

Analysis Report

Sample Name	Blank for Comparsion THC STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL(13).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-21 04:24:37-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank Comparsion THC STD ACN 26uL (13).sirslt

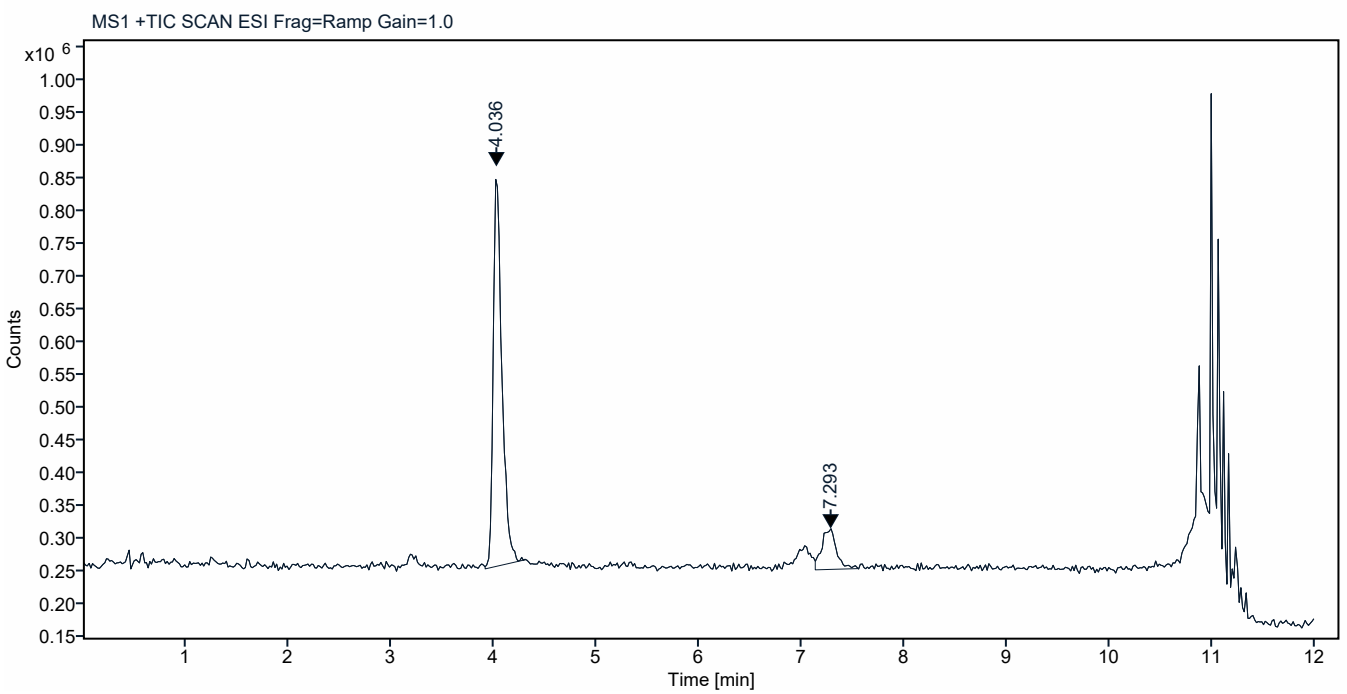


AK

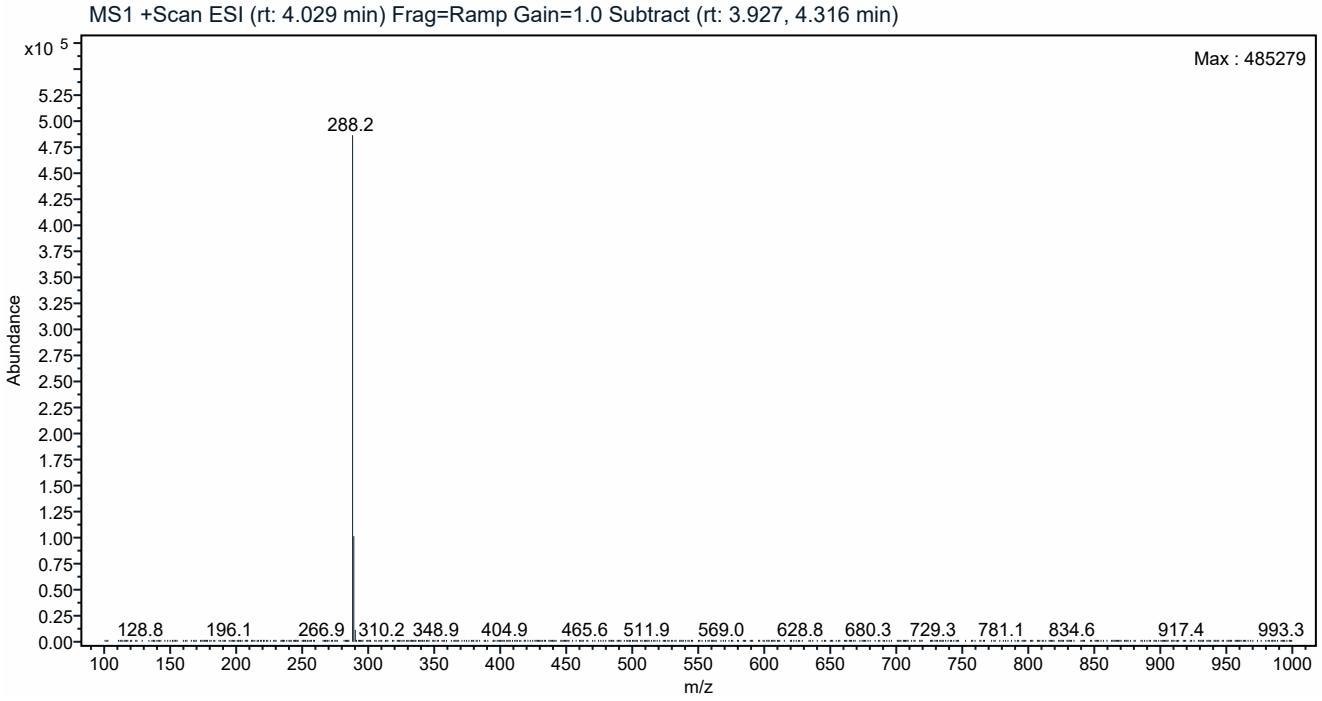
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(13).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-21 04:38:10-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(13).sirslt

Comparison STD 30



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.036

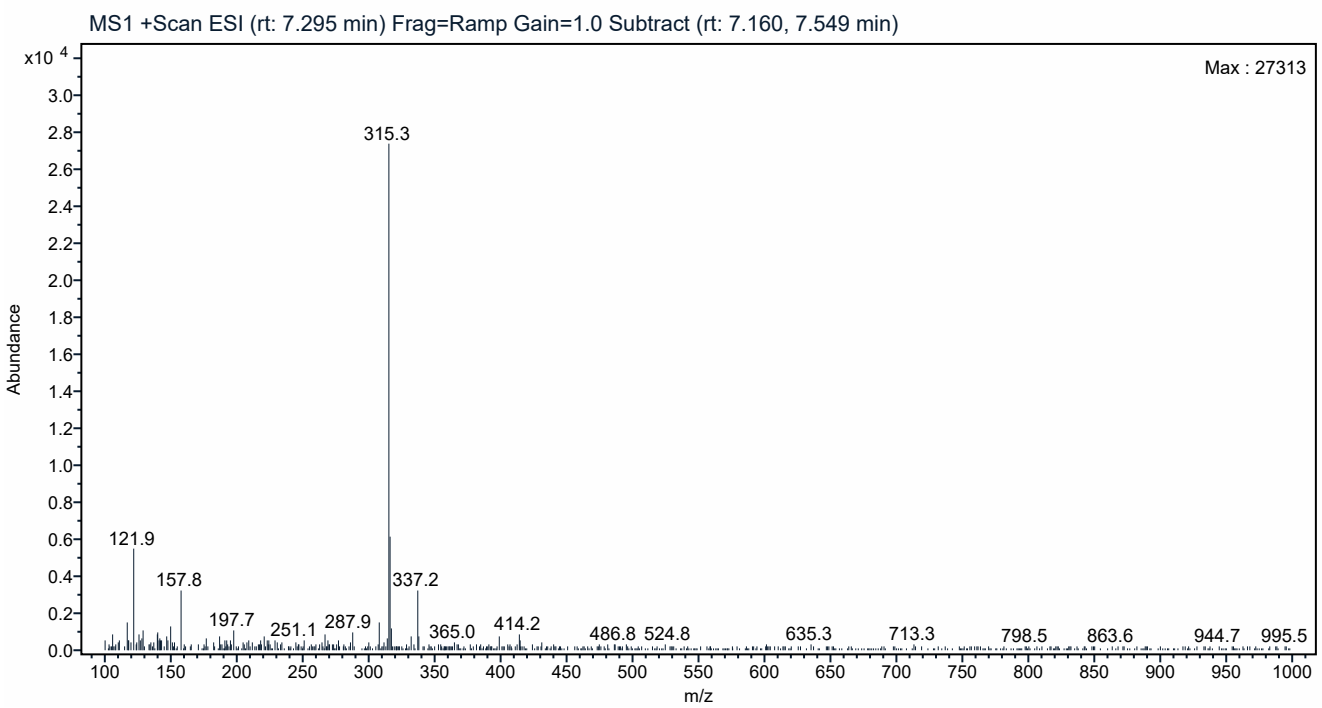


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(13).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-21 04:38:10-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(13).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.293



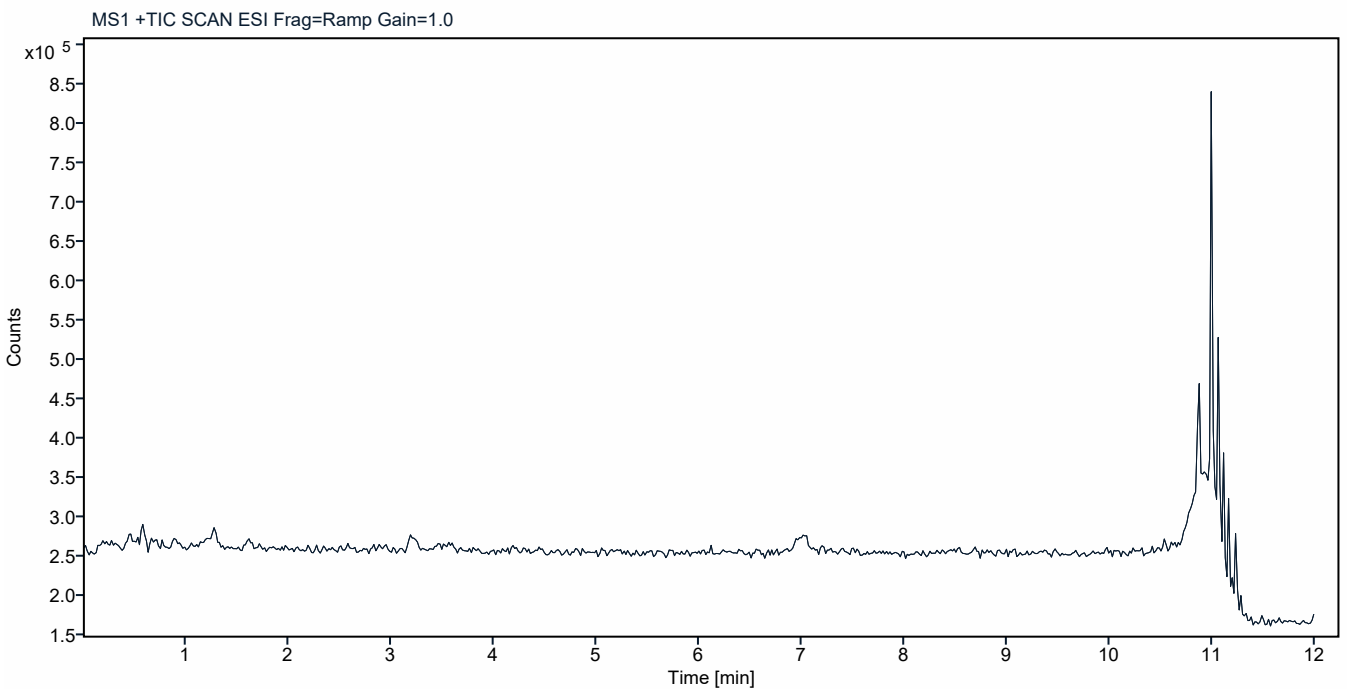
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.036	0.3959	3506881.3732	610467.6999	84.9892
7.293	0.4190	619384.1760	62188.2967	15.0108

AK

Analysis Report

Sample Name	Blank for Comparsion THC STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL(14).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-21 05:46:06-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank Comparsion THC STD ACN 26uL (14).sirslt

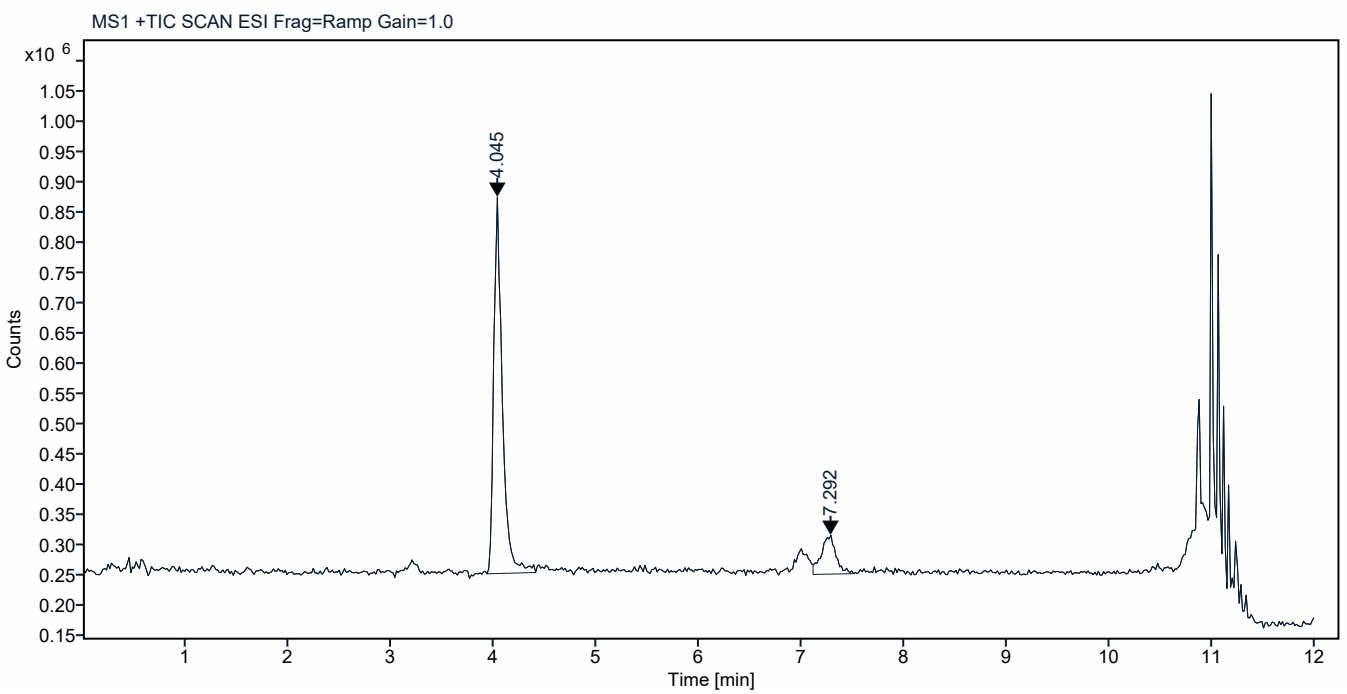


AK

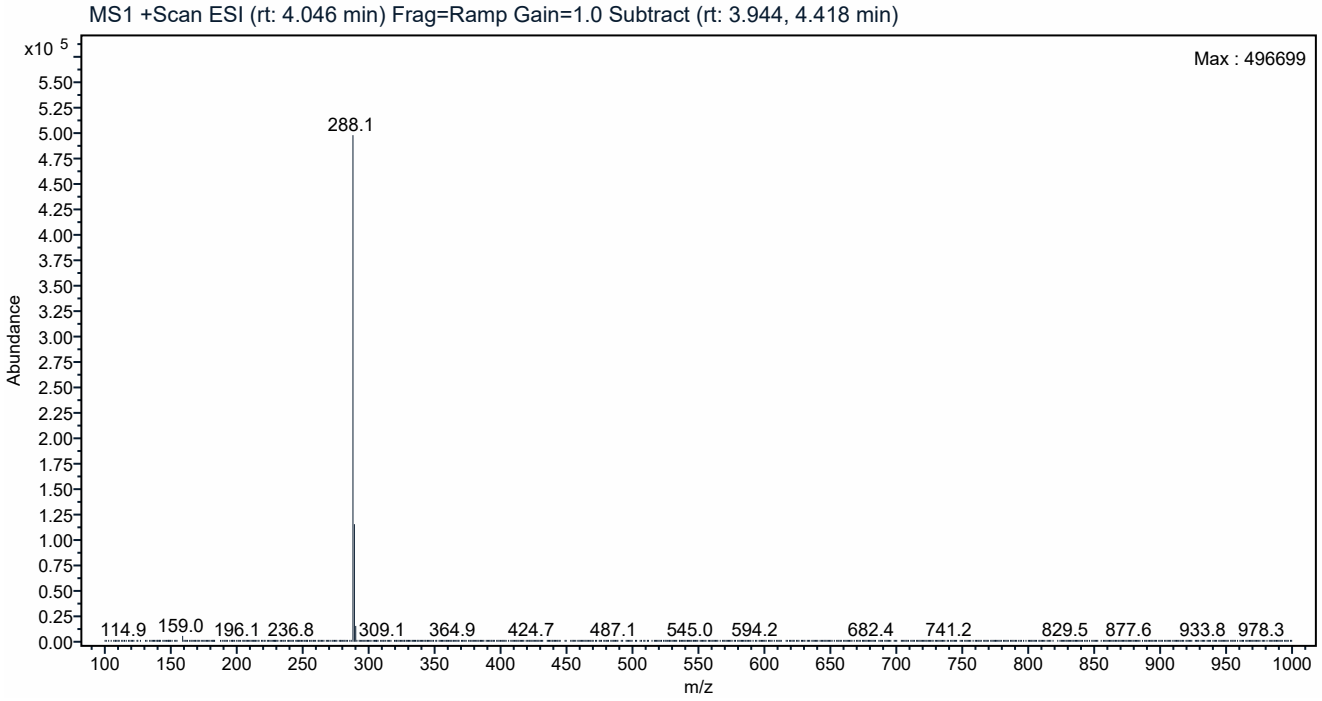
Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(14).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-21 05:59:40-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(14).sirslt

Comparison STD 31



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.045

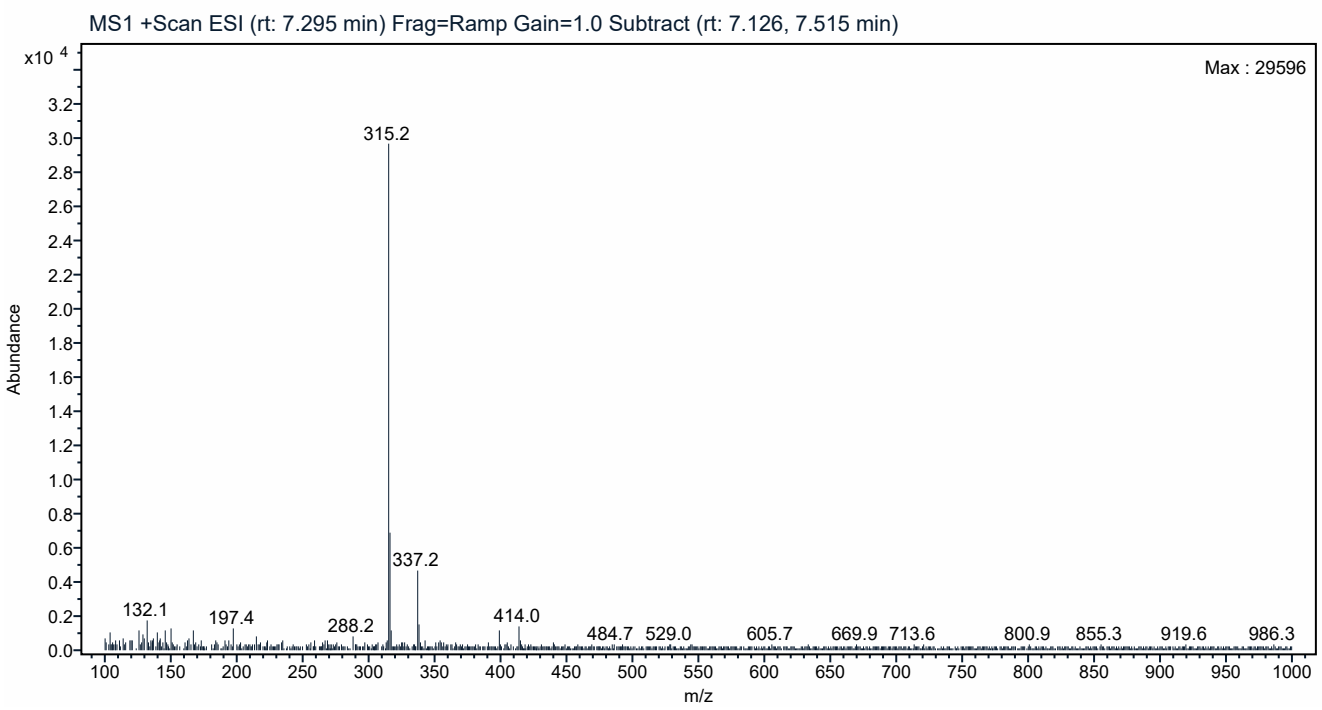


AK

Analysis Report

Sample Name	Comparsion THC STD cerilliant lot#FE06212201	Injection Data File Name	THC STD 26uL-mL in 2mLACN(14).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-11-21 05:59:40-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\THC STD 26uL-mL in 2mLACN(14).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.292



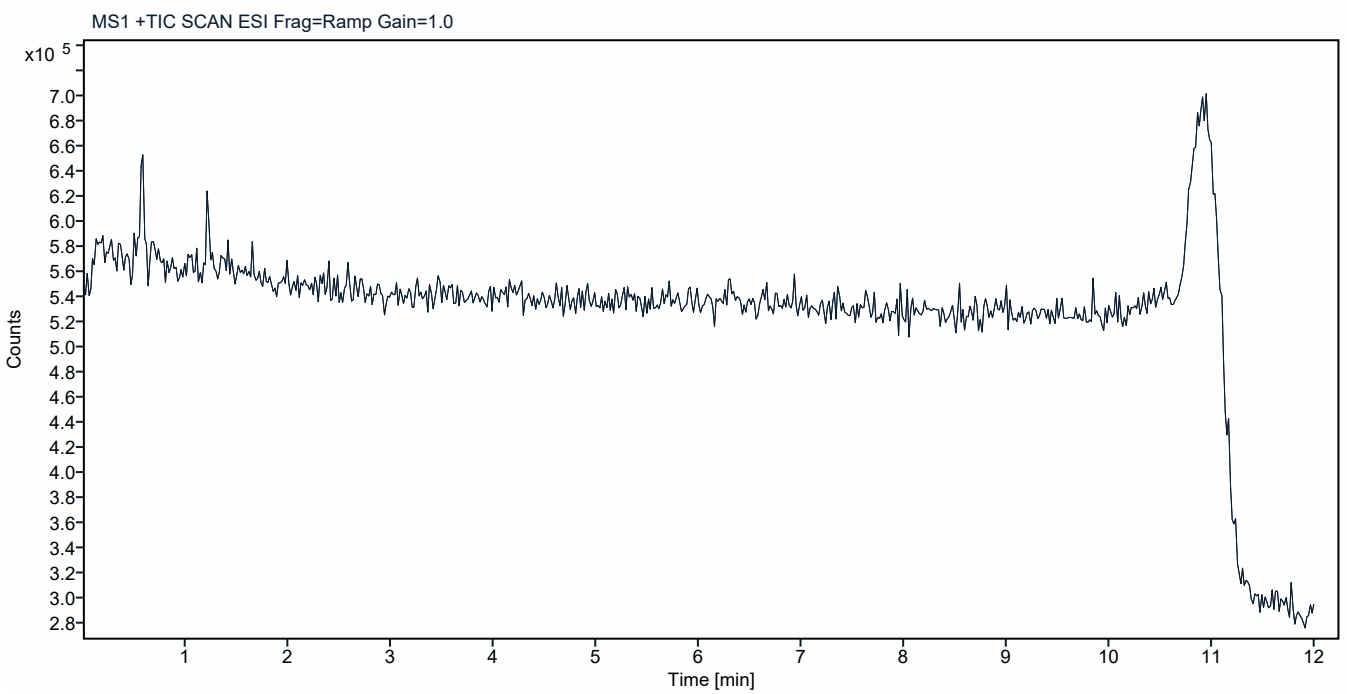
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.045	0.4749	3612367.5137	622688.3630	84.9872
7.292	0.3935	638114.7712	64563.4508	15.0128

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL(1).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-03 09:26:45-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\Blank Comparsion THC STD ACN 26uL (1).sirslt

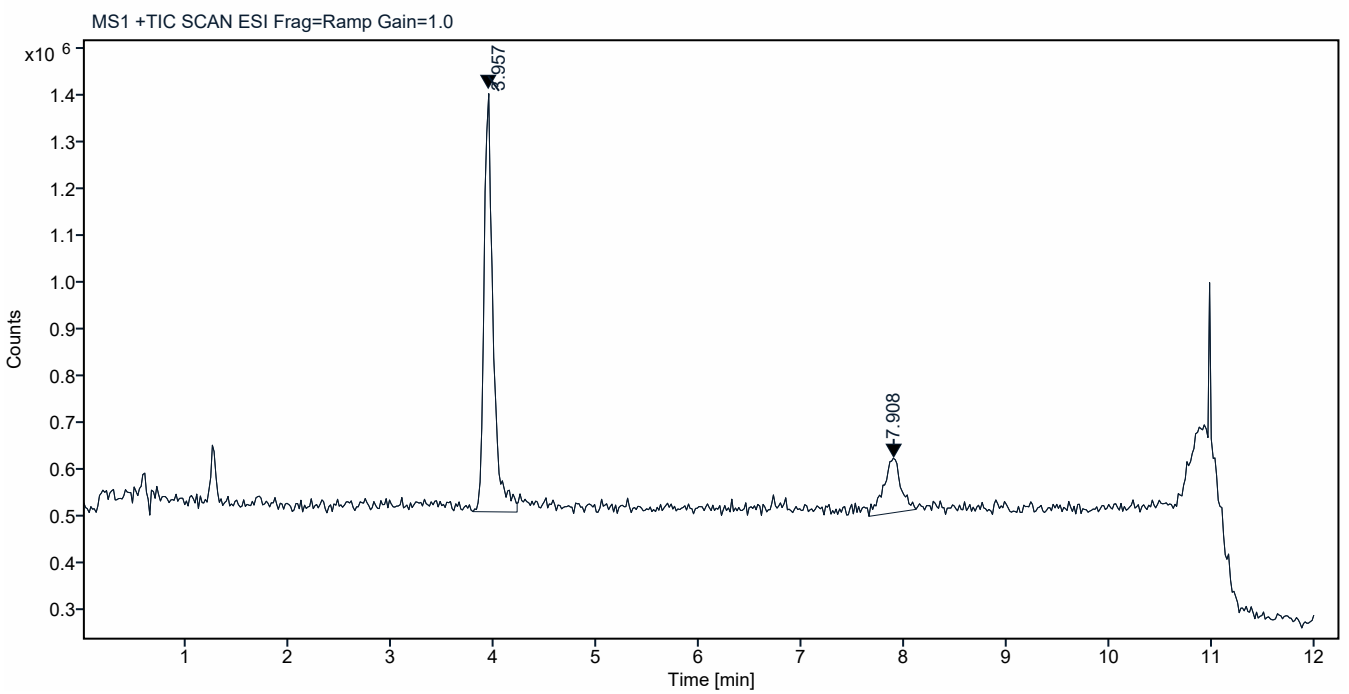


AK

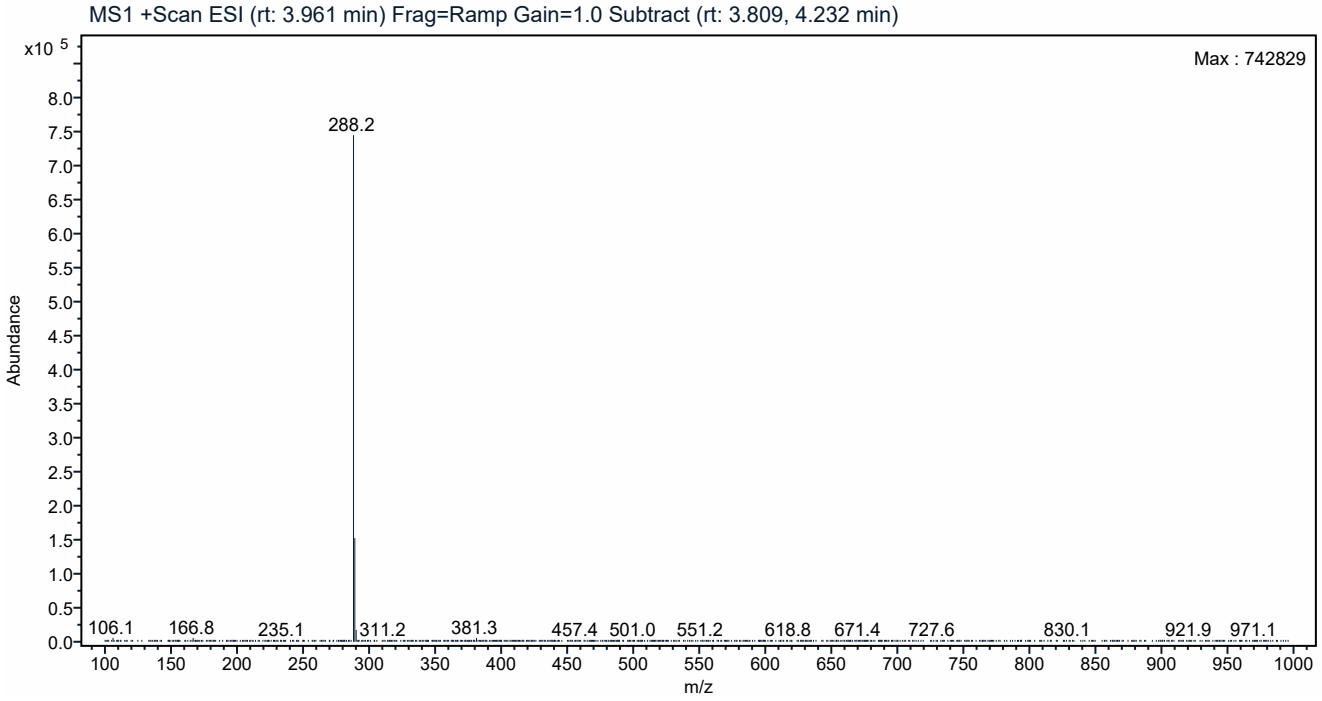
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(1).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 09:40:19-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(1).sirslt

THCA Comparison STD 1



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 3.957

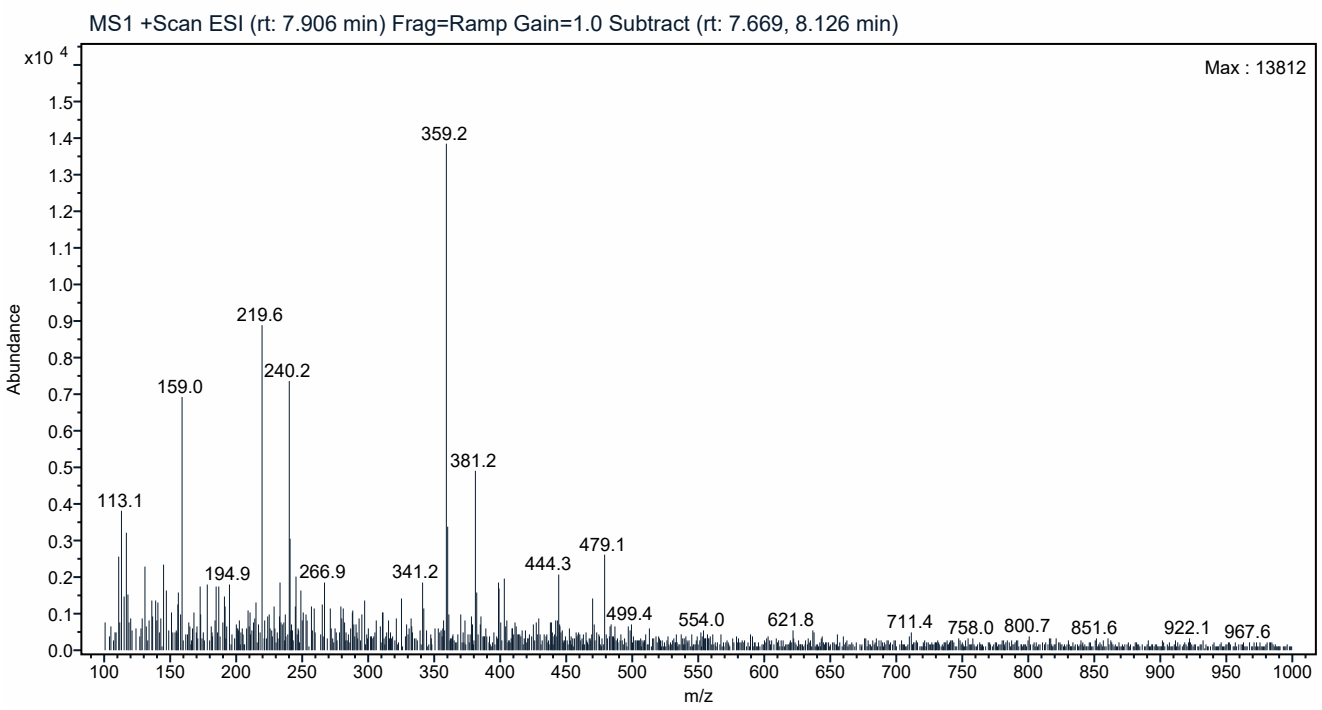


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(1).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 09:40:19-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(1).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.908



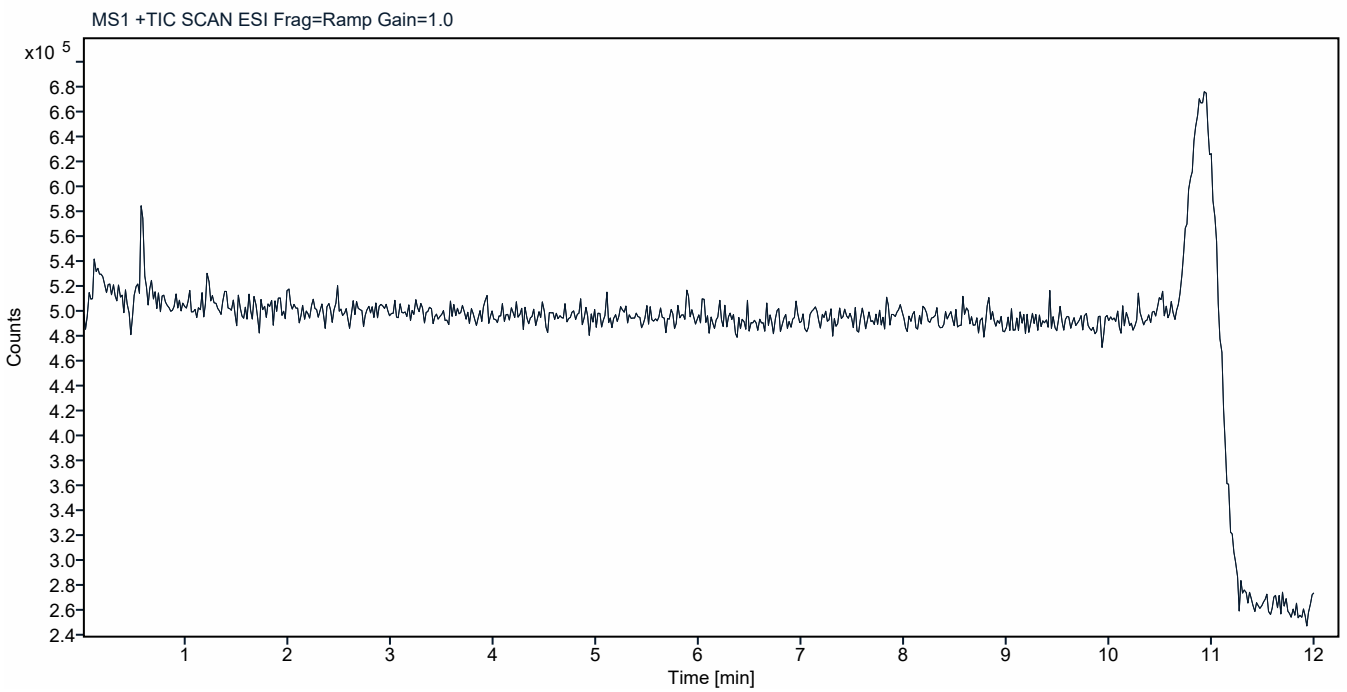
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
3.957	0.4300	5498455.7012	903435.1586	79.9567
7.908	0.4571	1378339.8366	116505.6506	20.0433

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank THC STD ACN 26uL (2).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-03 10:07:31-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\Blank THC STD ACN 26uL (2).sirslt

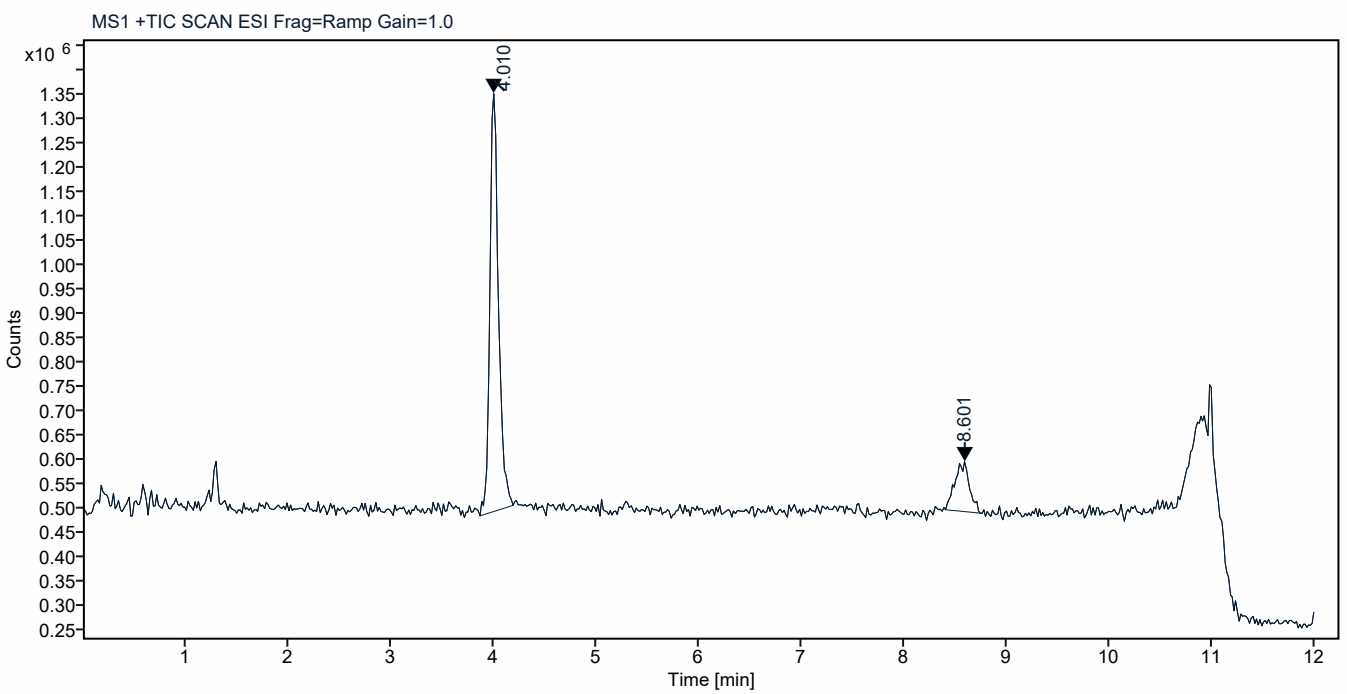


AK

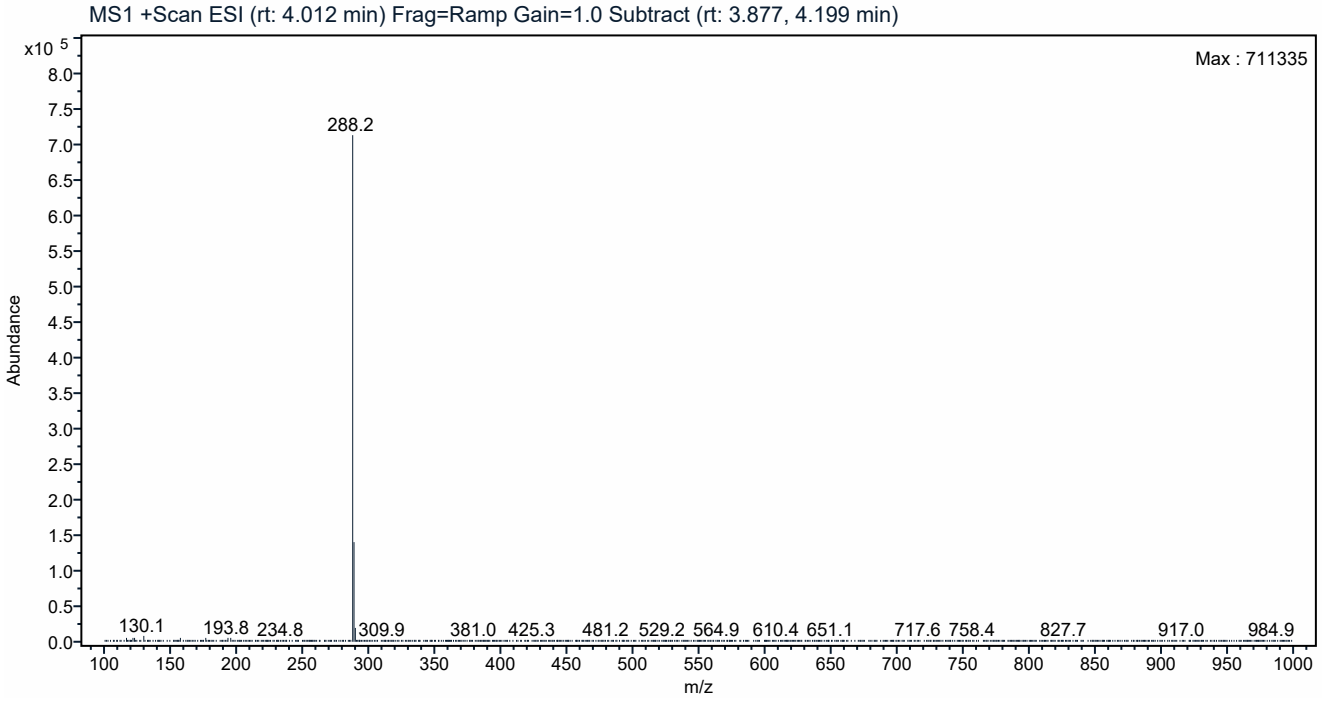
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(2).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 10:21:04-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(2).sirslt

THCA Comparison STD 2



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.010

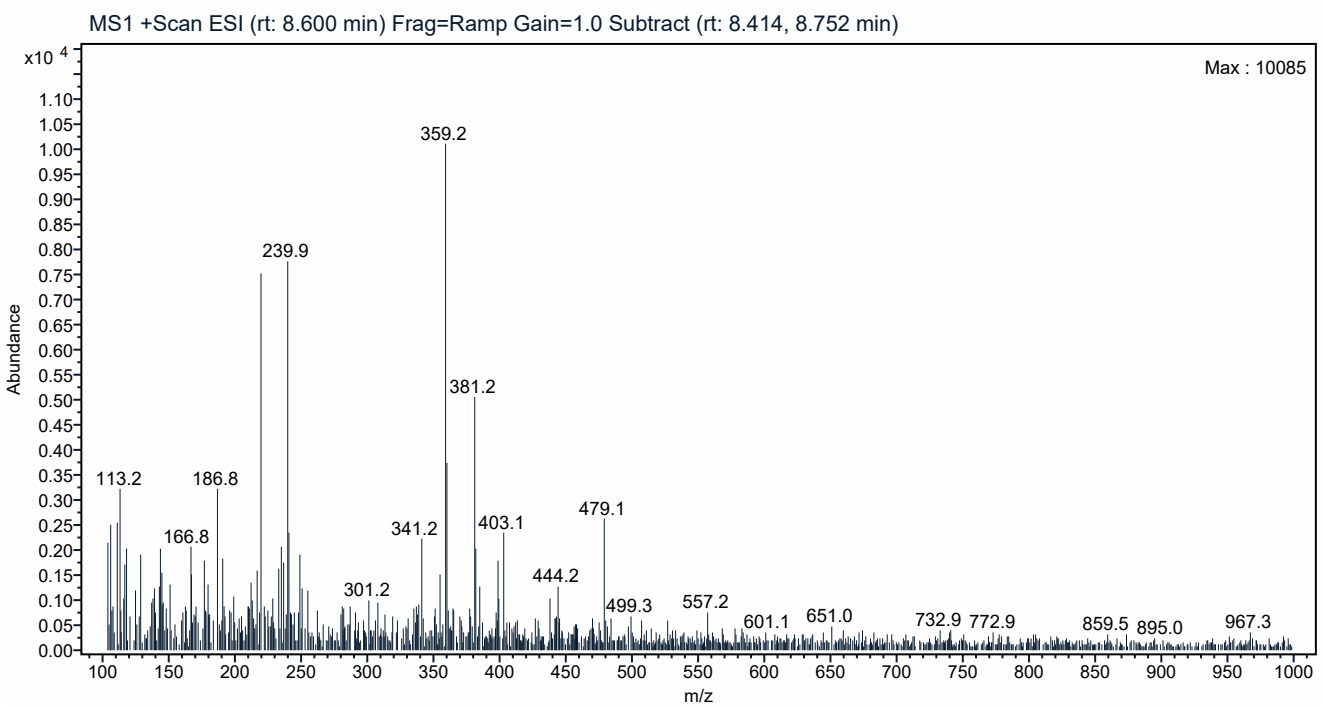


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(2).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 10:21:04-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(2).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.601



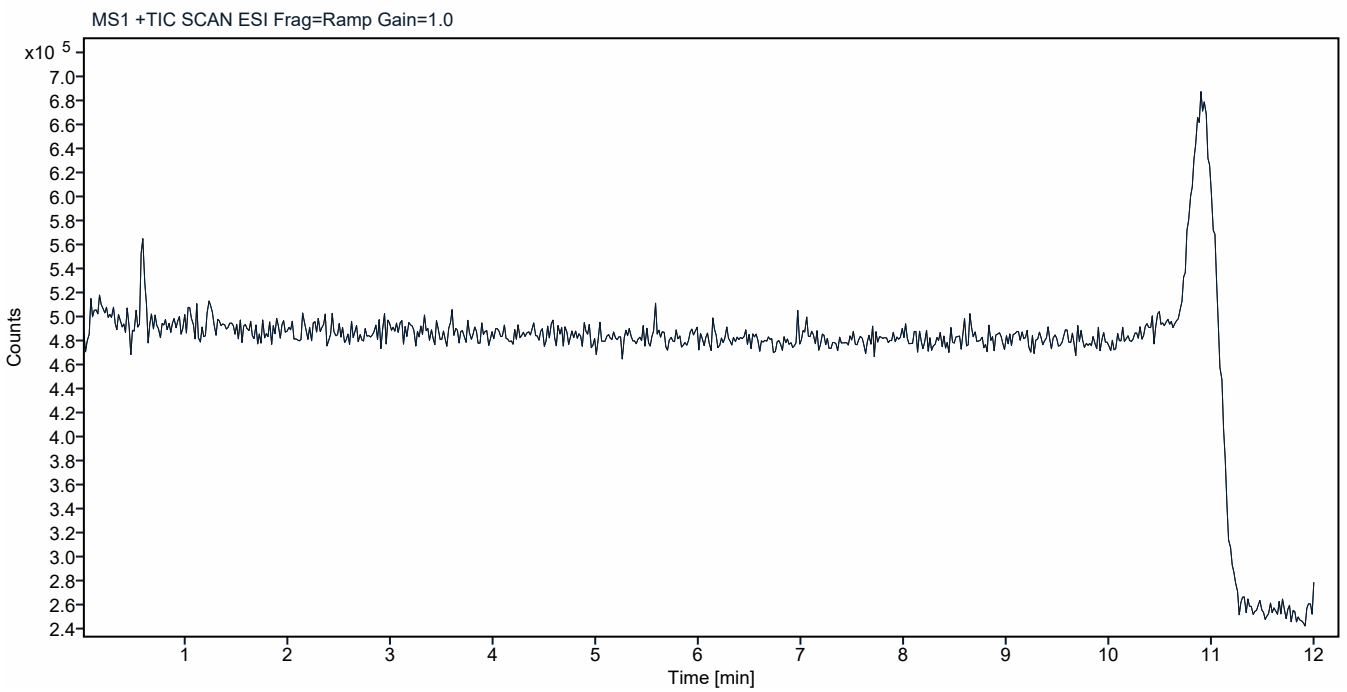
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.010	0.3217	5054602.4921	859301.1950	83.4658
8.601	0.3471	1001297.3319	103023.9823	16.5342

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank THC STD ACN 26uL (3).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-03 10:48:17-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\Blank THC STD ACN 26uL (3).sirslt

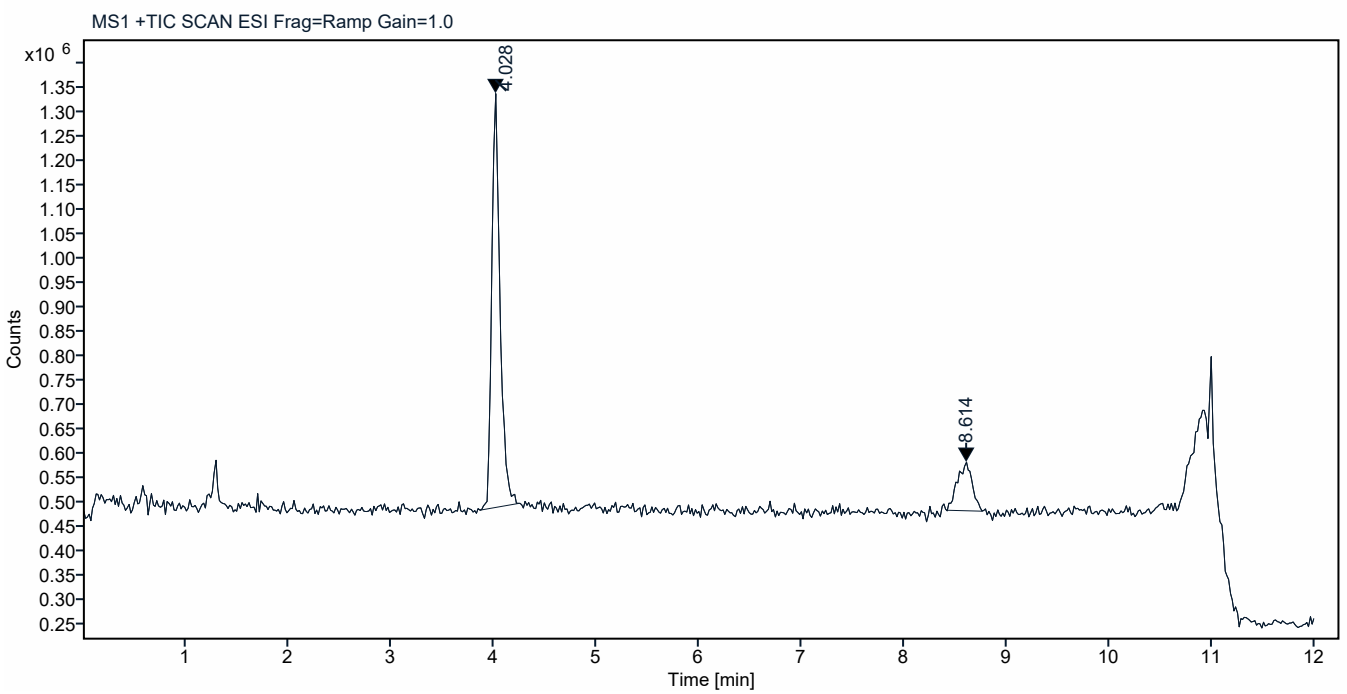


AK

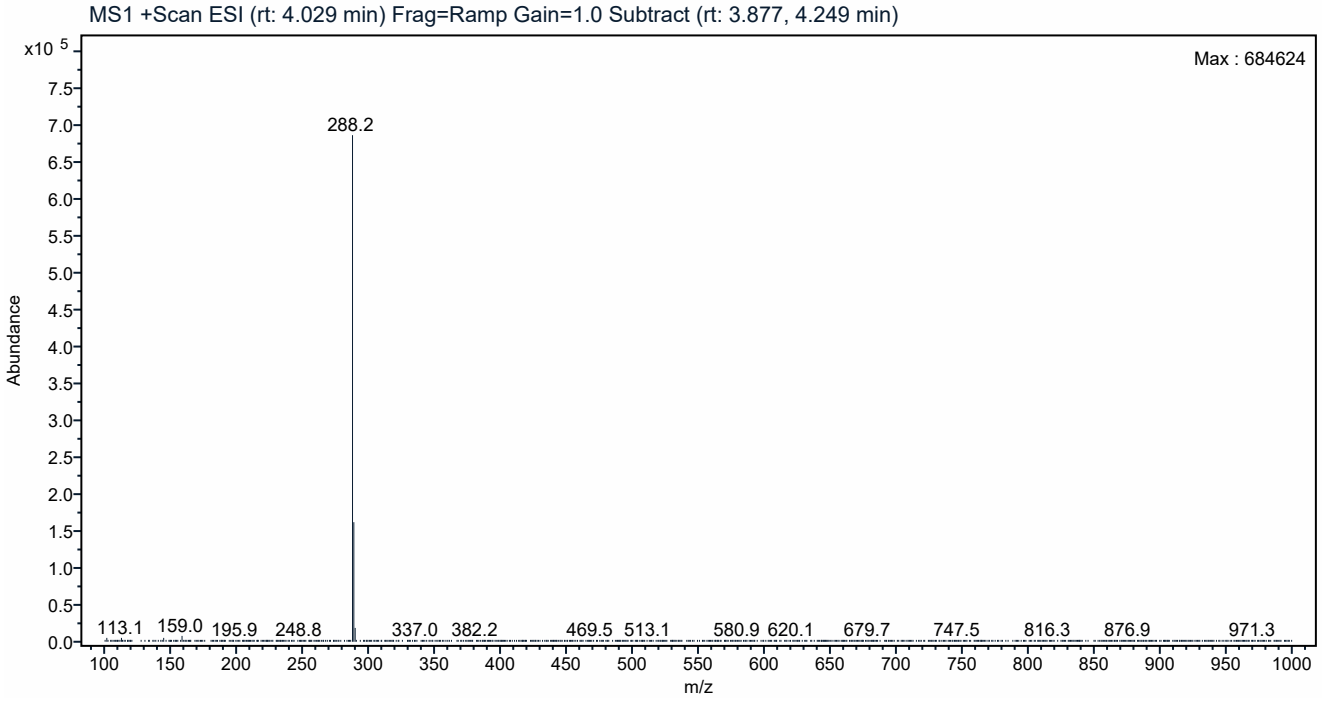
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(3).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 11:01:51-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(3).sirslt

THCA Comparison STD 3



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.028

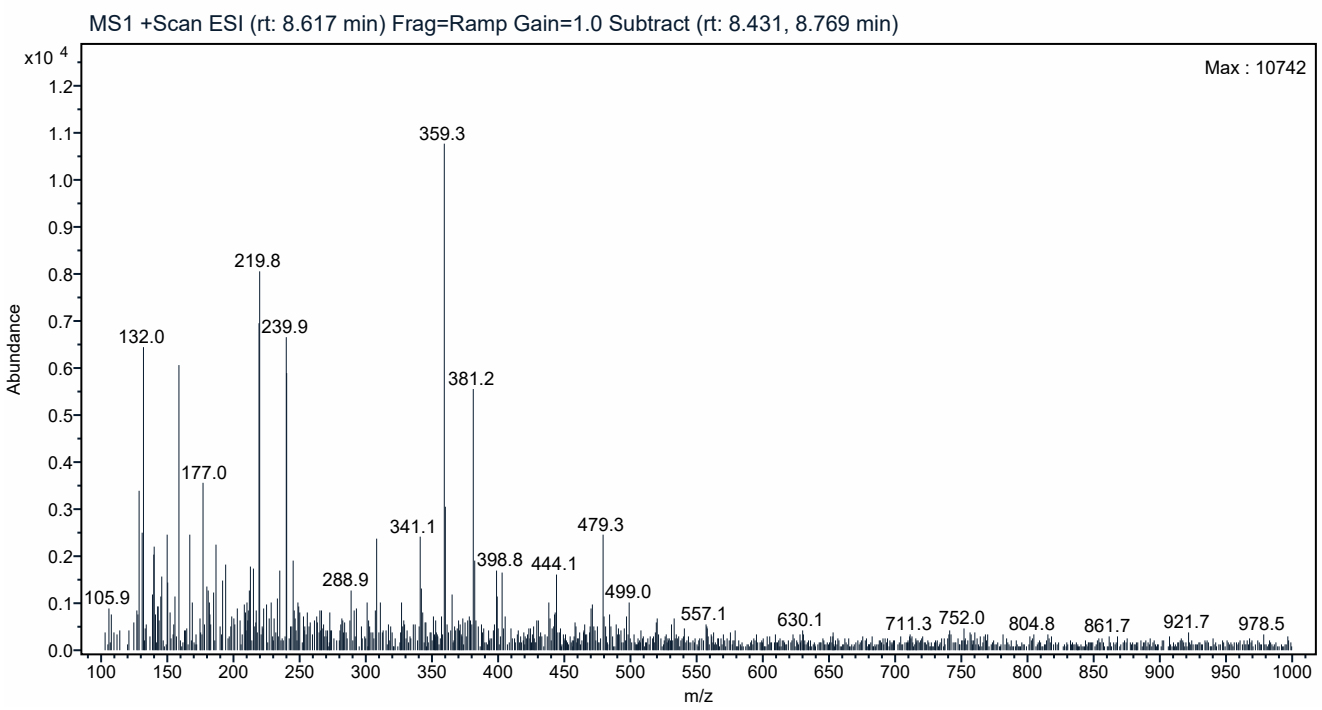


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(3).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 11:01:51-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(3).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.614



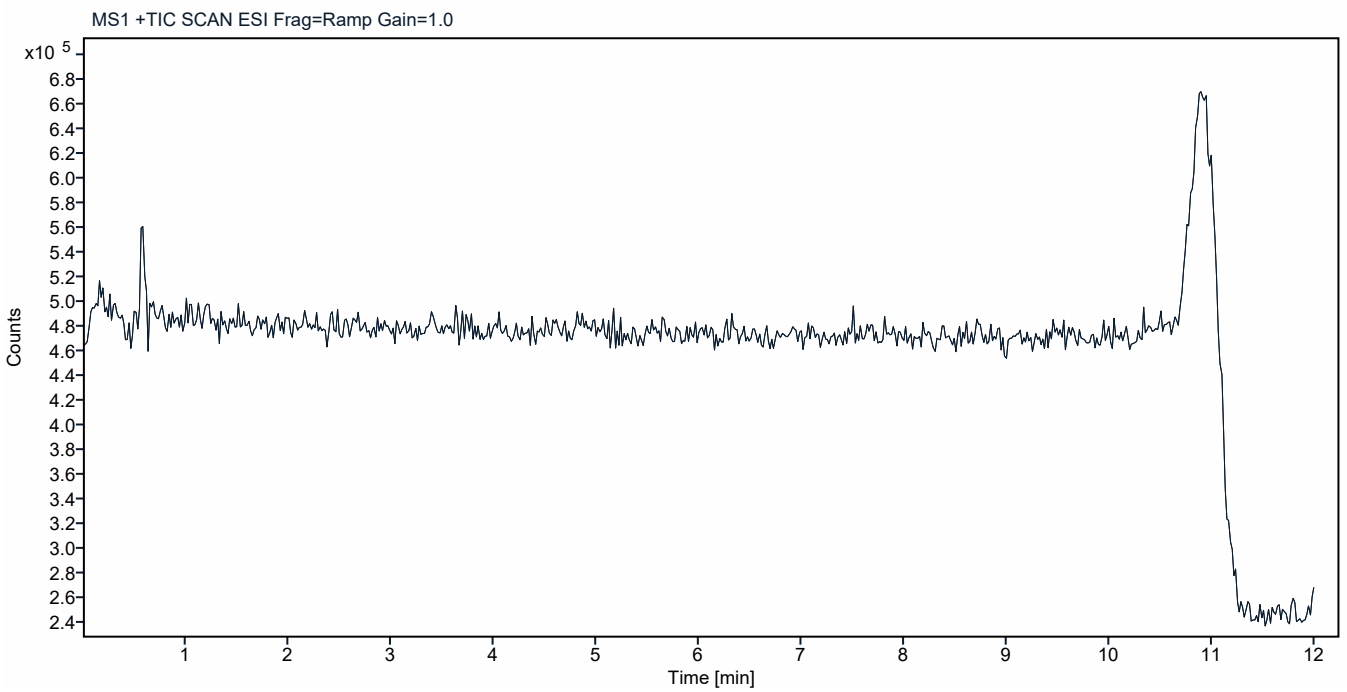
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.028	0.3814	4777852.7576	849053.9176	82.7720
8.614	0.3446	994456.0588	99910.4694	17.2280

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank THC STD ACN 26uL (4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-03 11:29:02-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\Blank THC STD ACN 26uL (4).sirslt

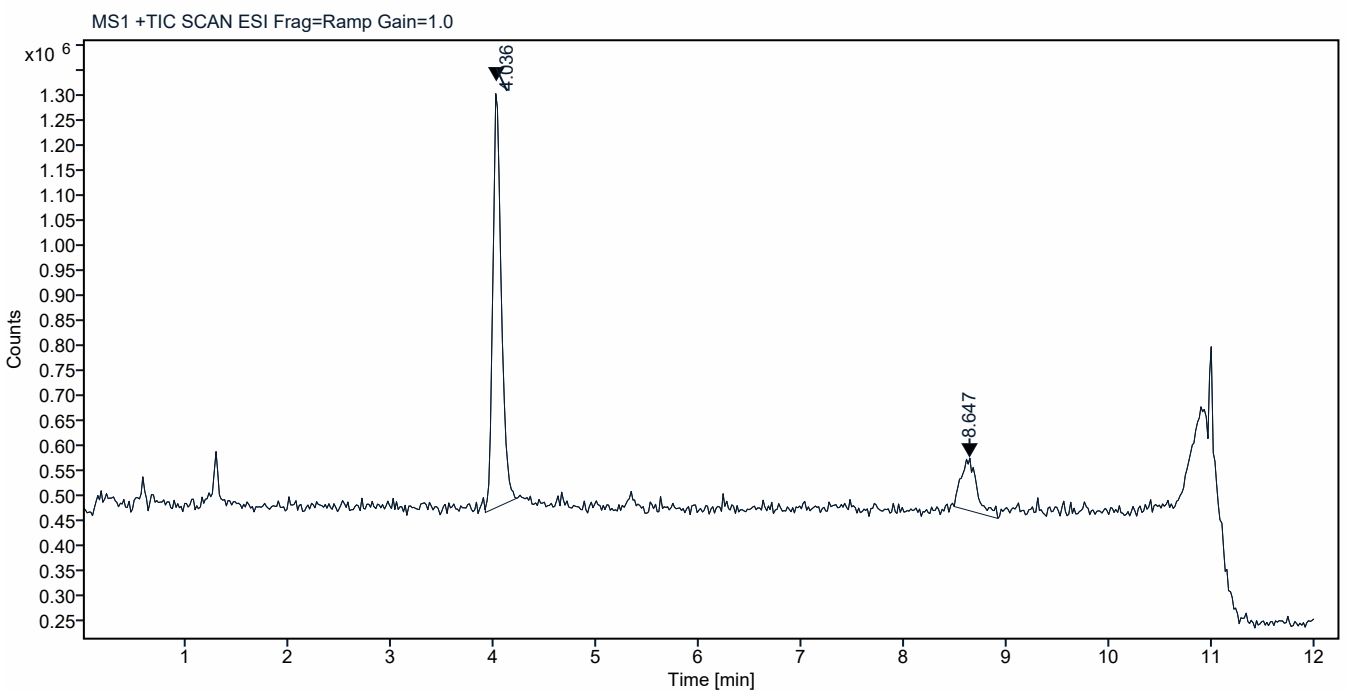


AK

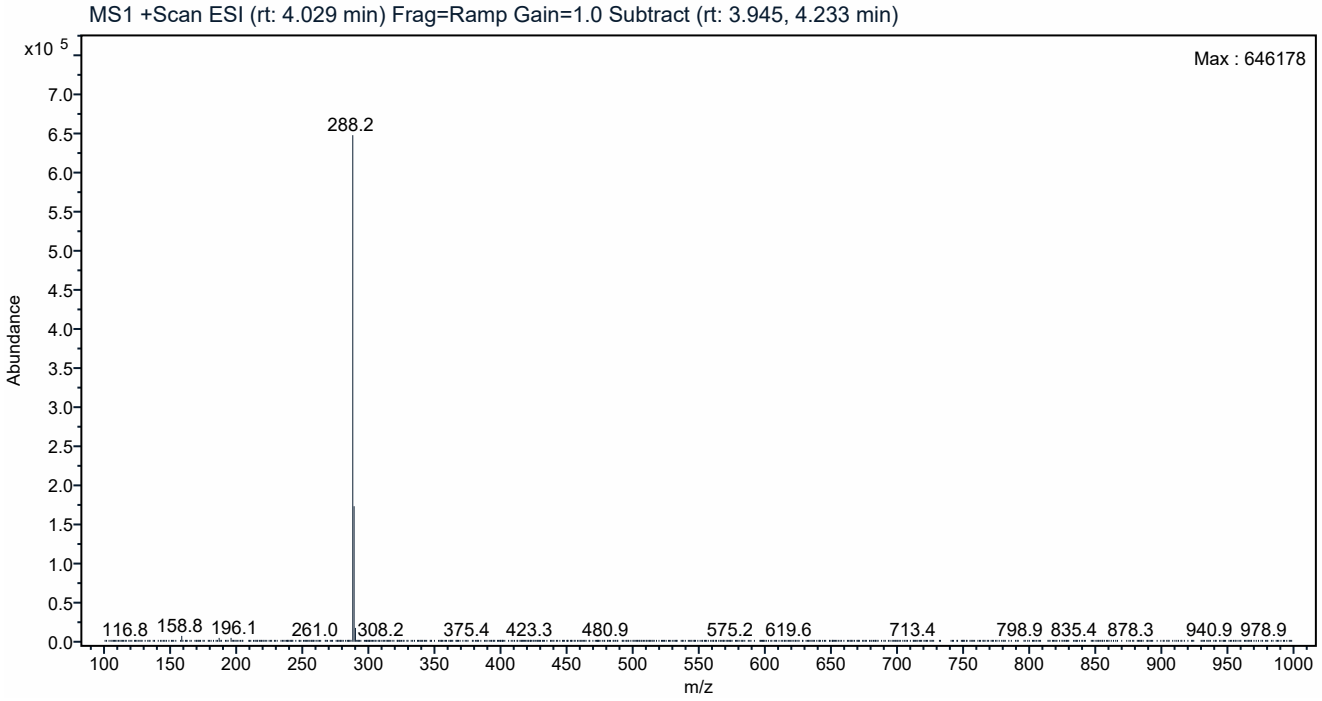
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 11:42:36-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(4).sirslt

THCA Comparison STD 4



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.036

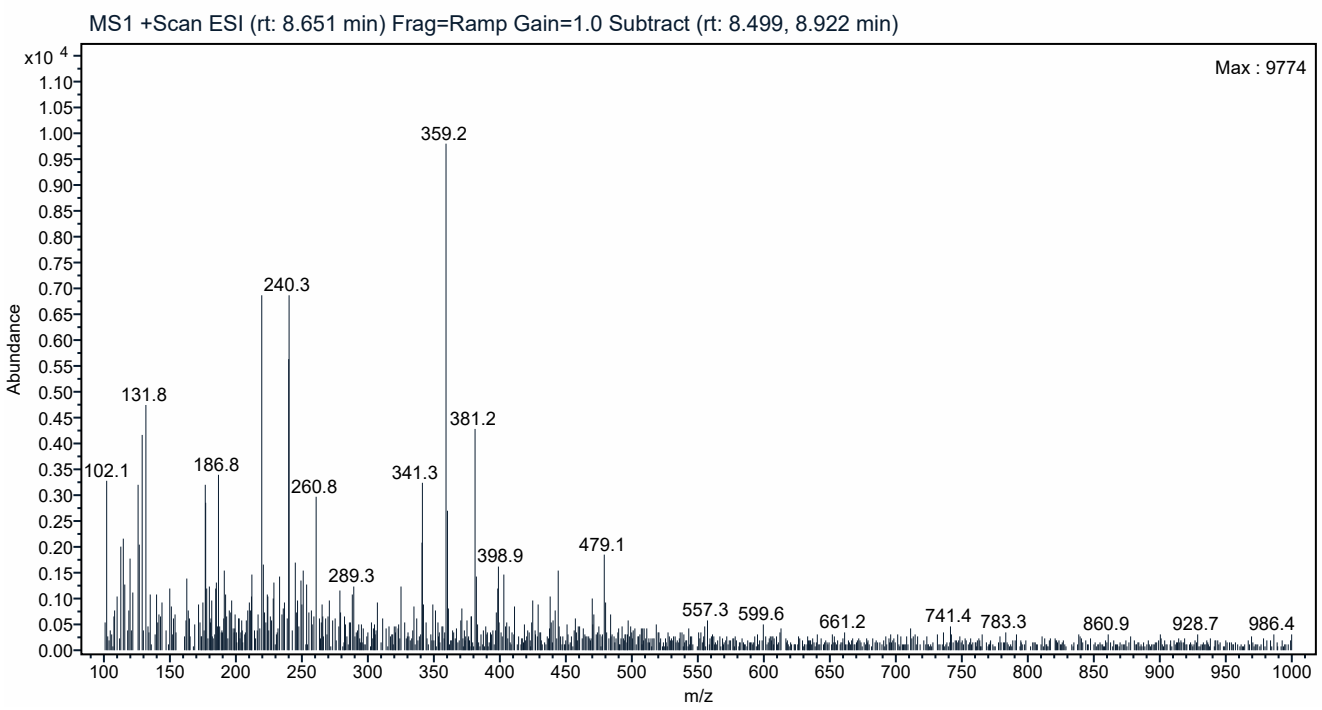


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 11:42:36-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(4).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.647



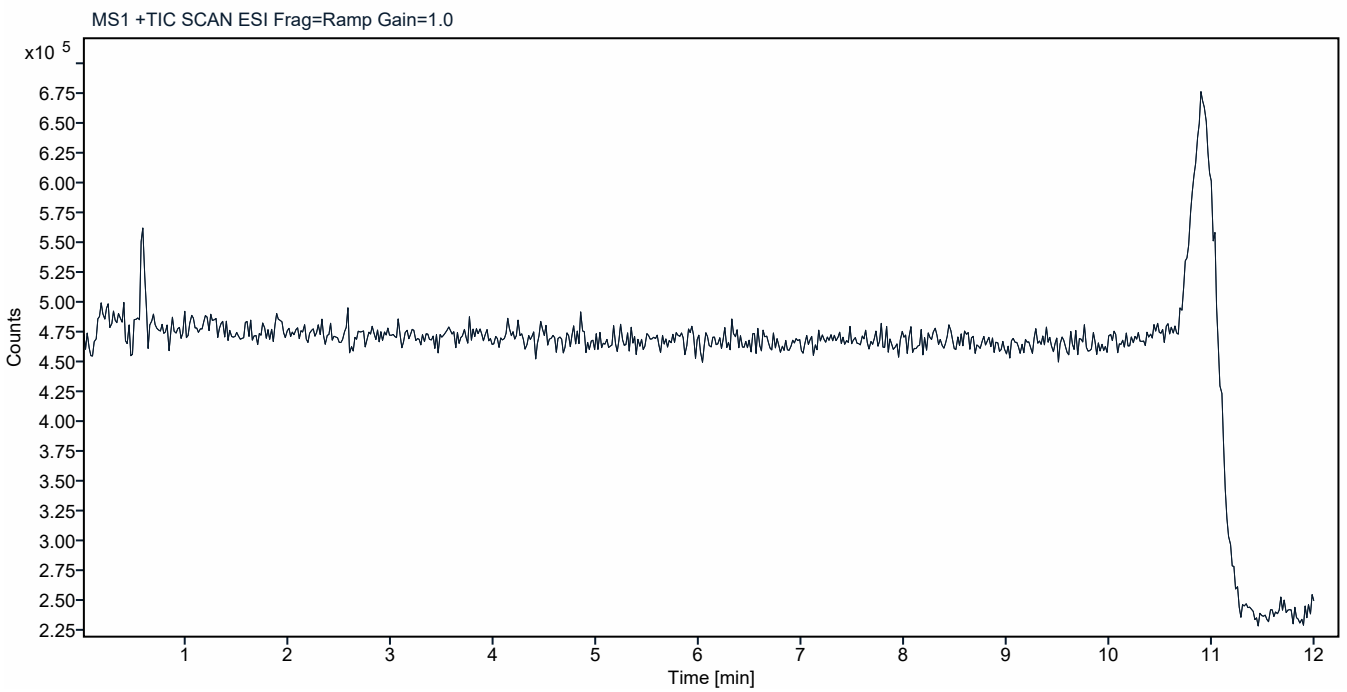
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.036	0.3073	4798016.7701	851489.4186	80.9381
8.647	0.4232	1129987.3772	105981.2233	19.0619

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank THC STD ACN 26uL(5).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-03 12:09:47-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\Blank THC STD ACN 26uL(5).sirslt

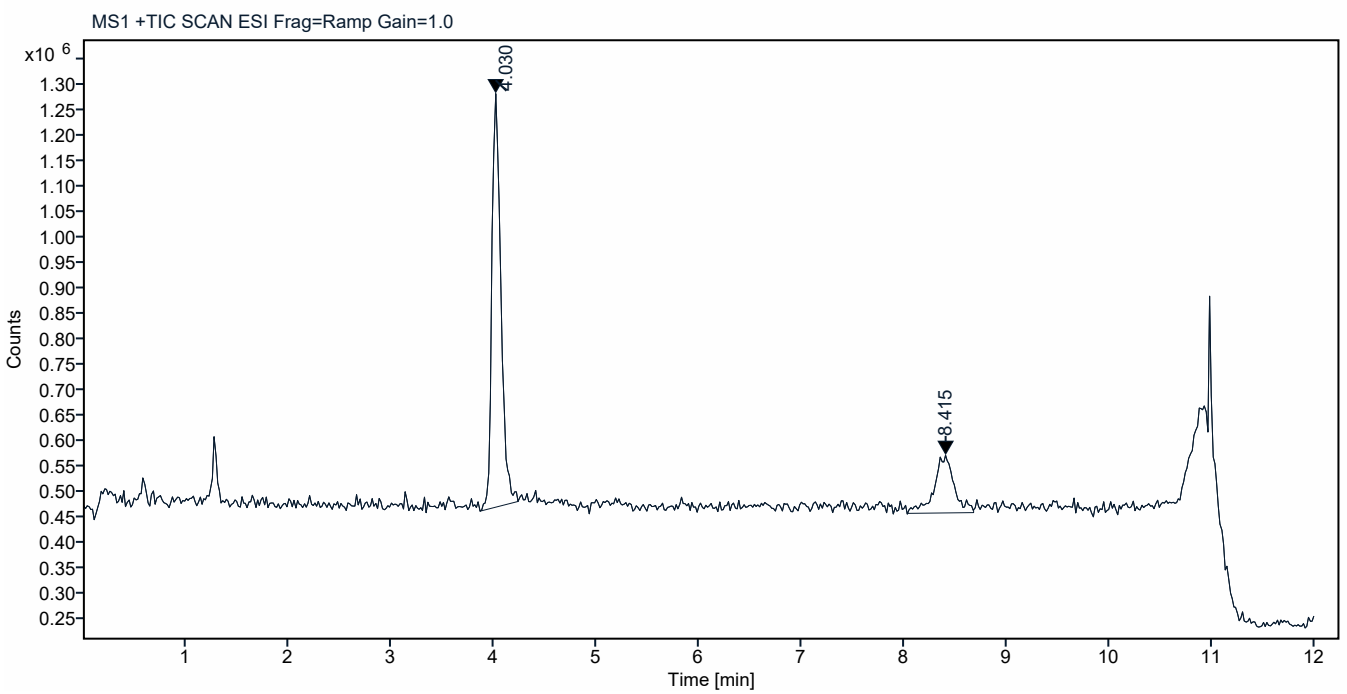


AK

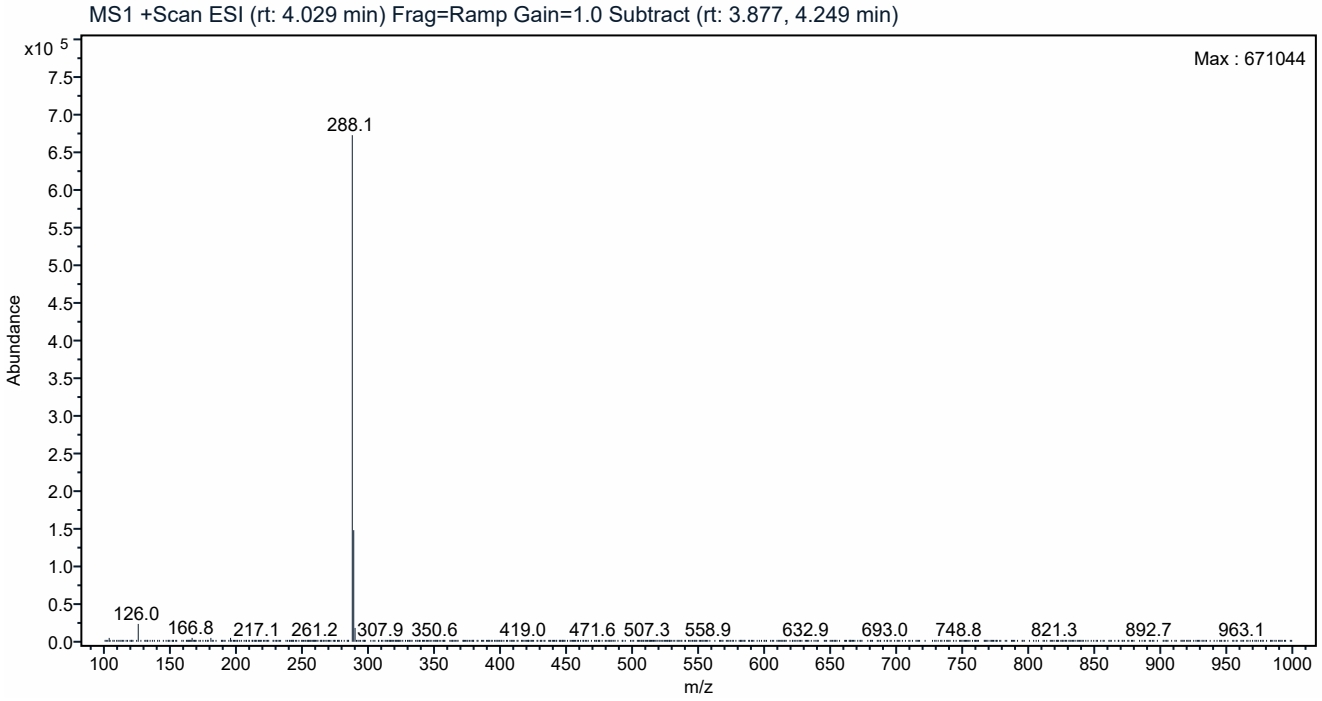
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(5).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 12:23:20-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(5).sirslt

THCA Comparison STD 5



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.030

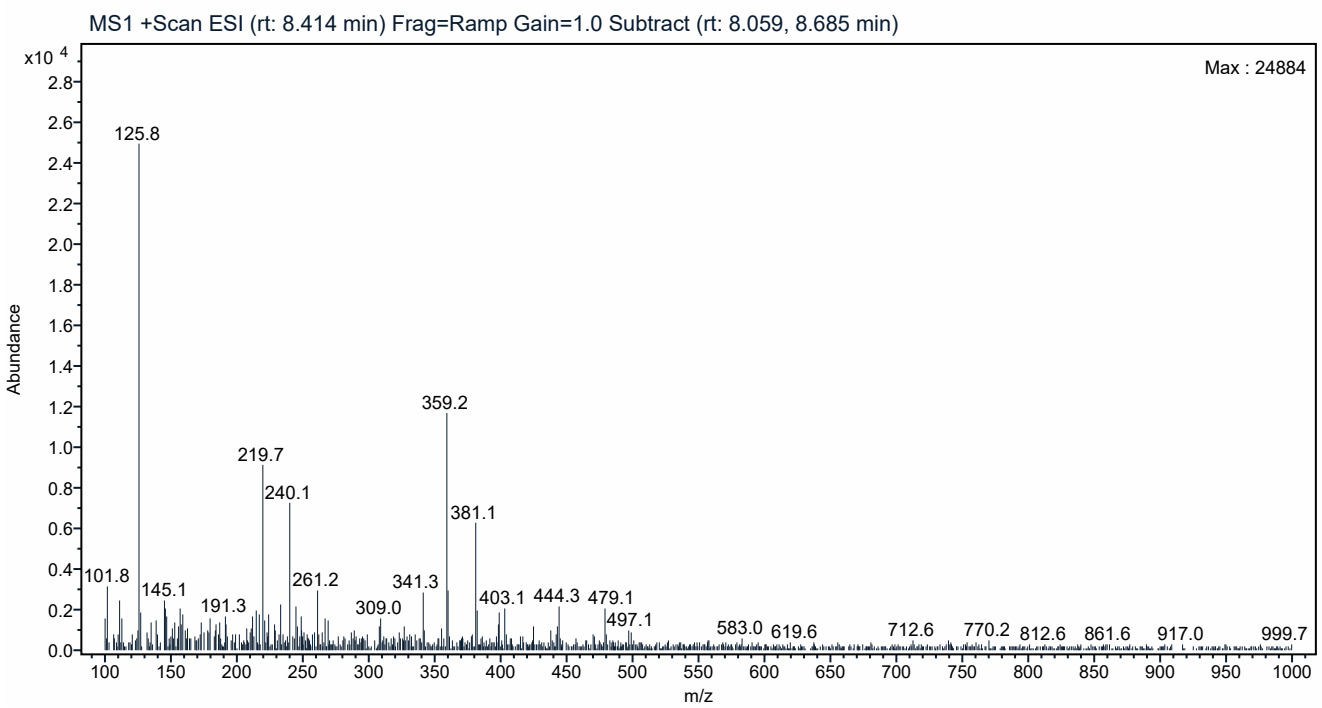


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(5).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 12:23:20-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(5).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.415



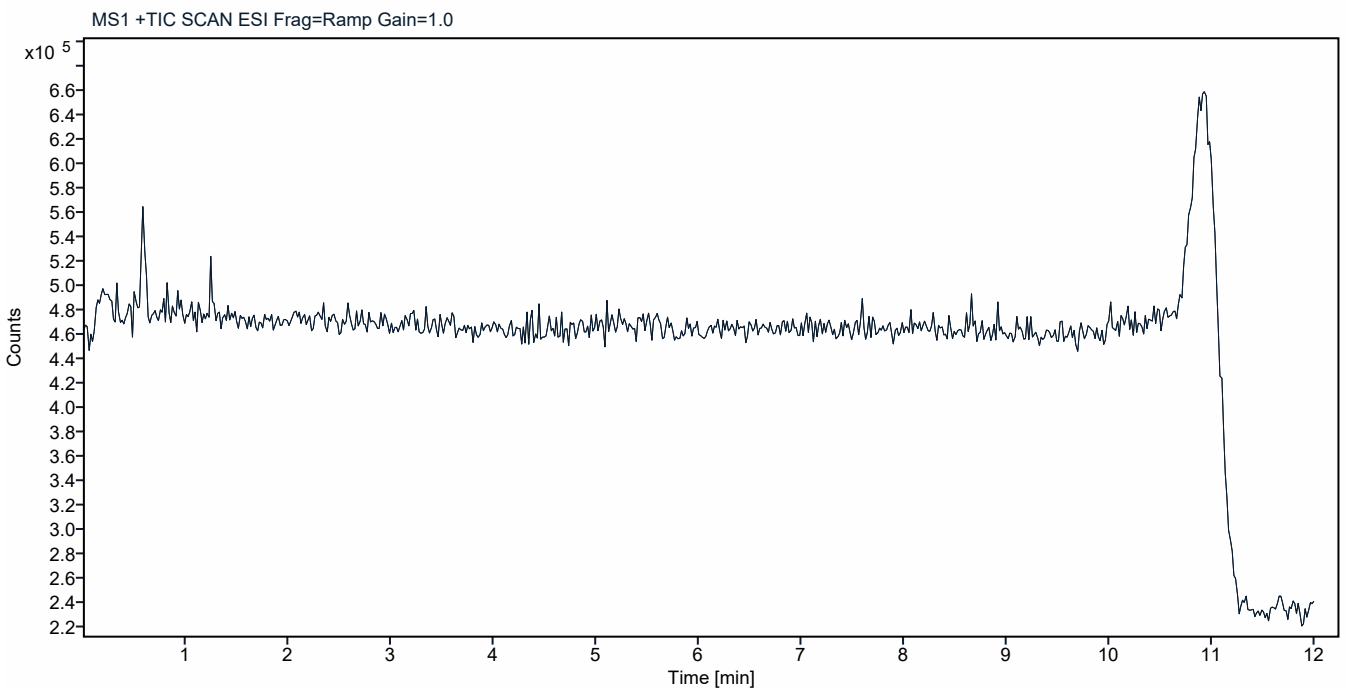
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.030	0.3724	4984319.4491	813066.9976	76.4829
8.415	0.6428	1532588.4618	113491.9757	23.5171

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank THC STD ACN 26uL(6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-03 12:50:32-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\Blank THC STD ACN 26uL(6).sirslt

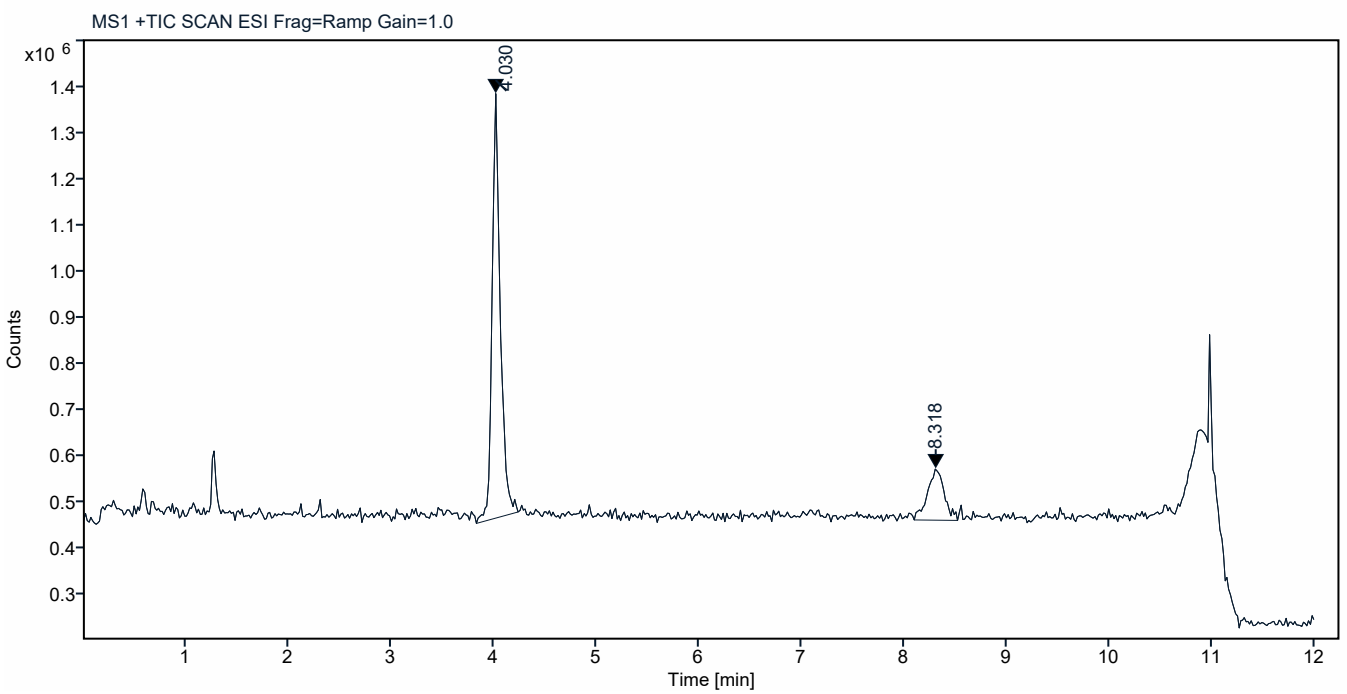


AK

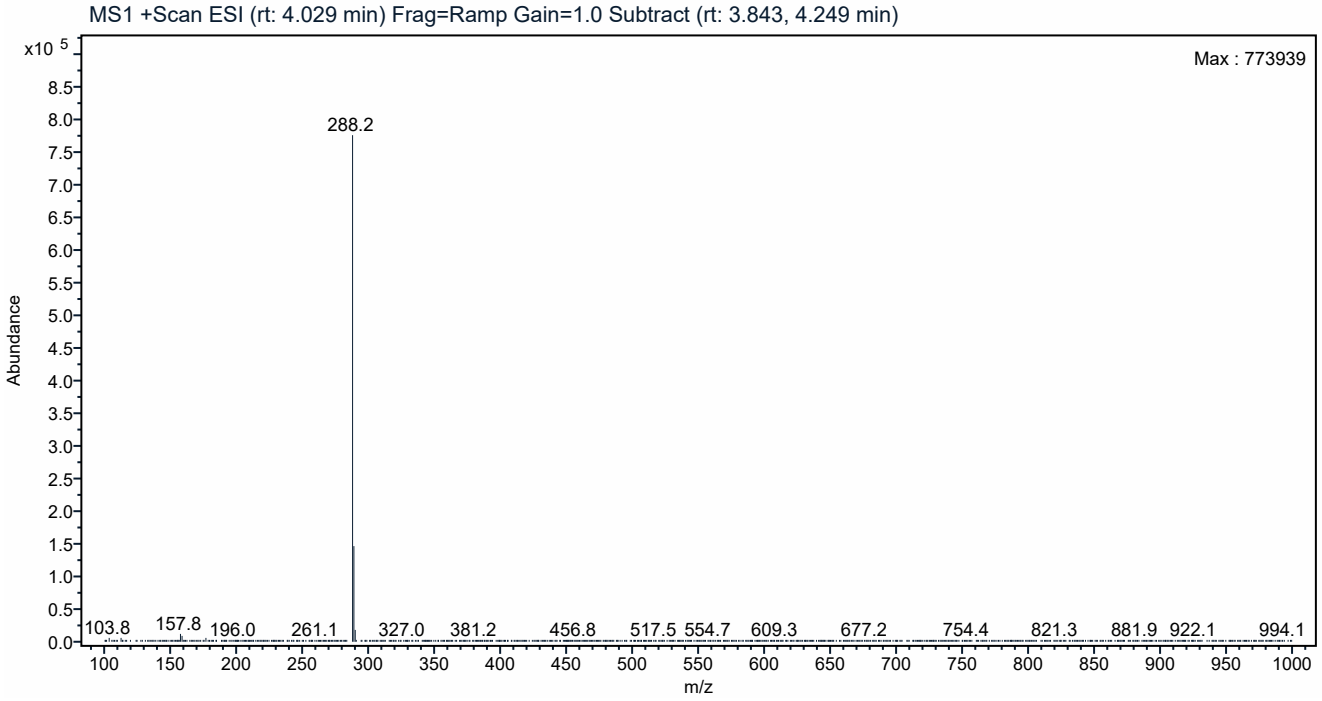
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 13:04:06-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(6).sirslt

THCA Comparison STD 6



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.030

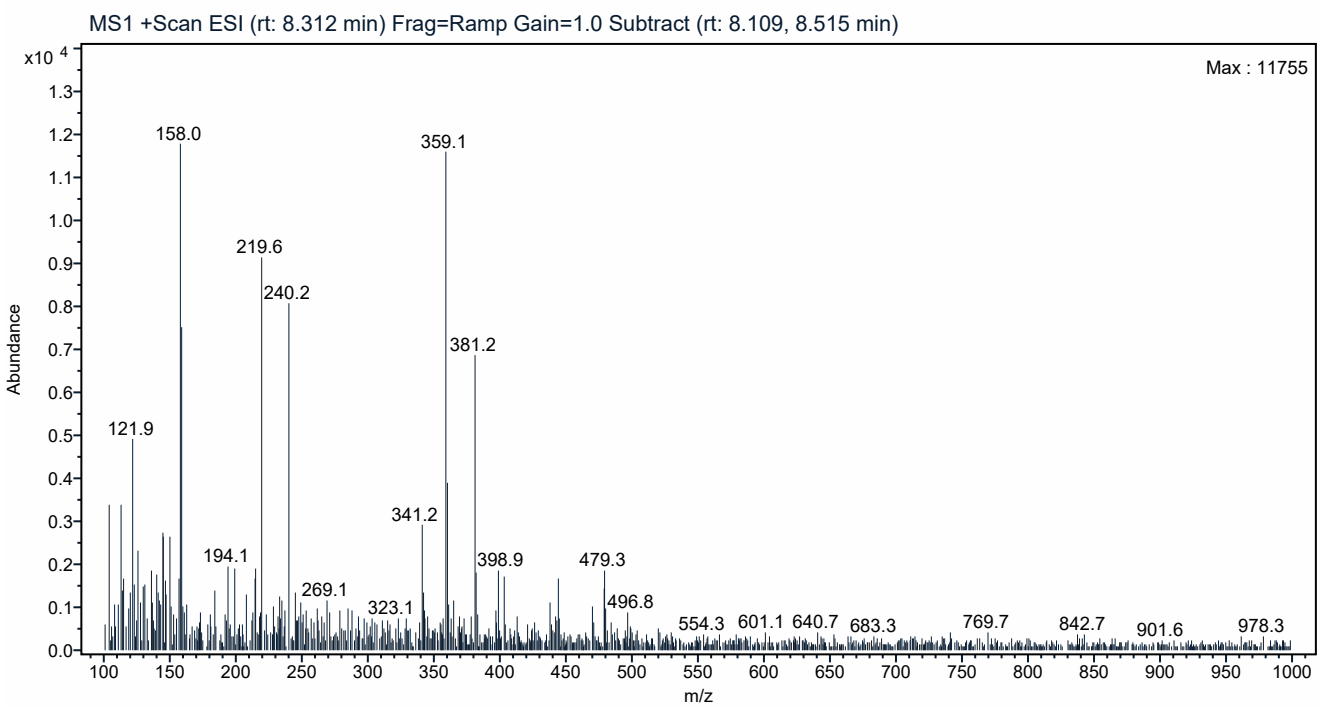


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 13:04:06-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(6).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.318



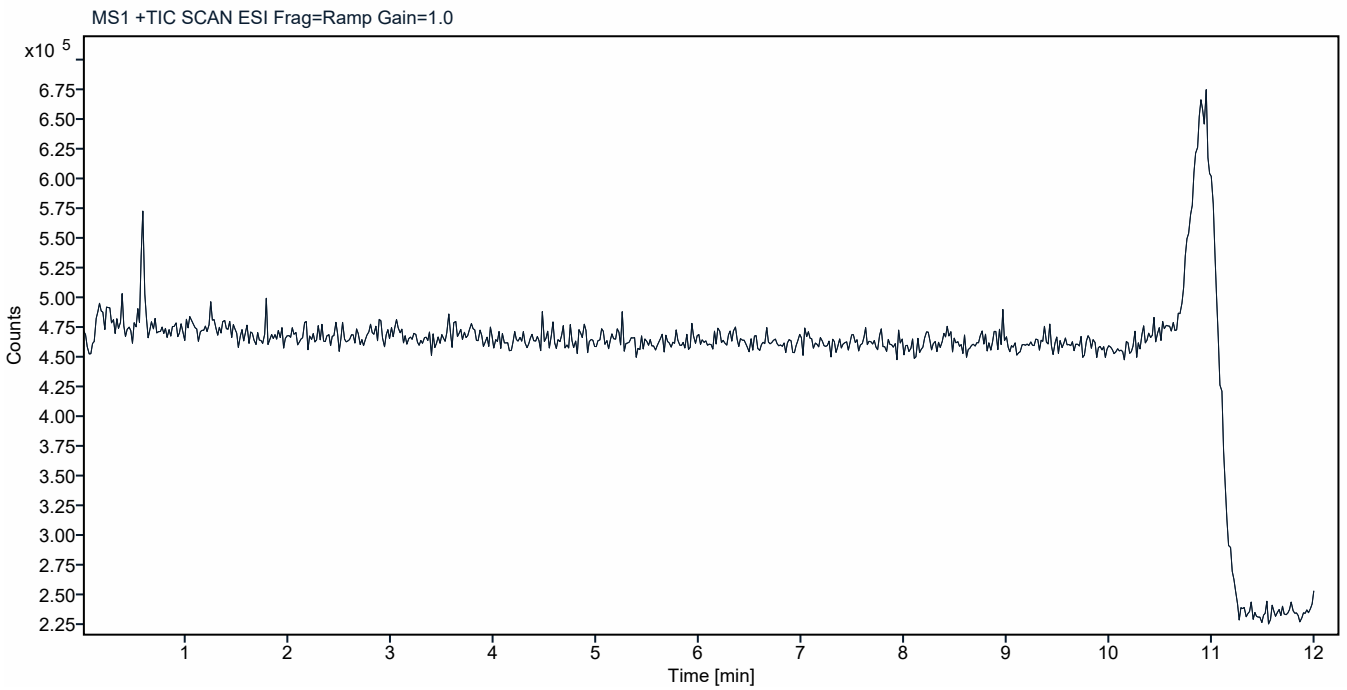
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.030	0.4063	5109965.0467	921461.0370	80.1957
8.318	0.4231	1261904.4560	112173.7589	19.8043

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL(7).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-03 13:31:17-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\Blank Comparsion THC STD ACN 26uL (7).sirslt

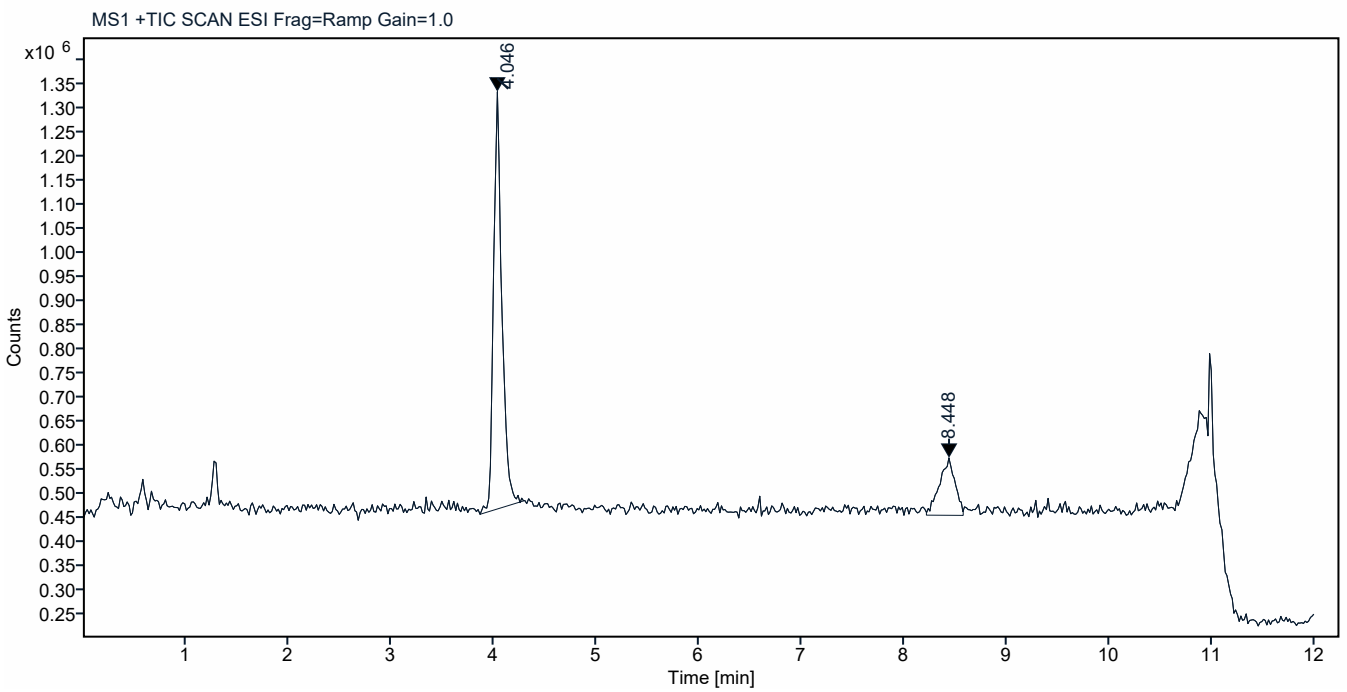


AK

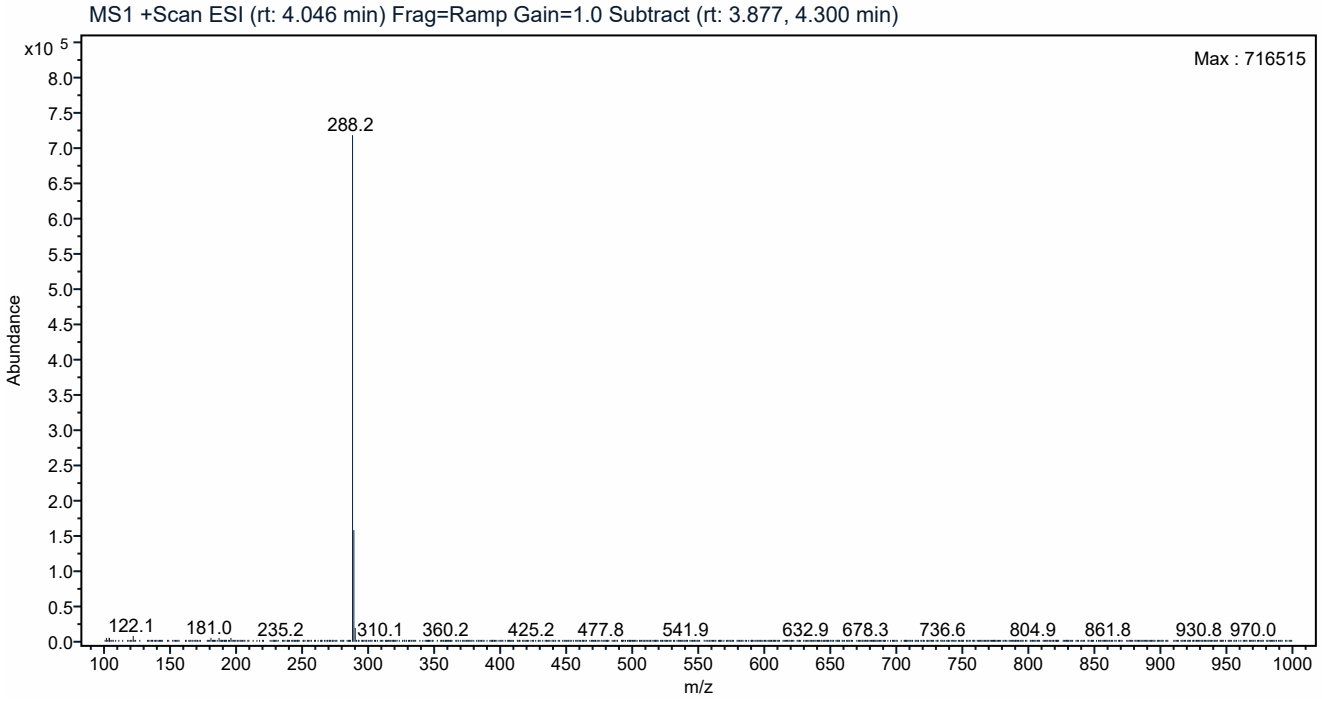
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(7).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 13:44:51-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(7).sirslt

THCA Comparison STD 7



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.046

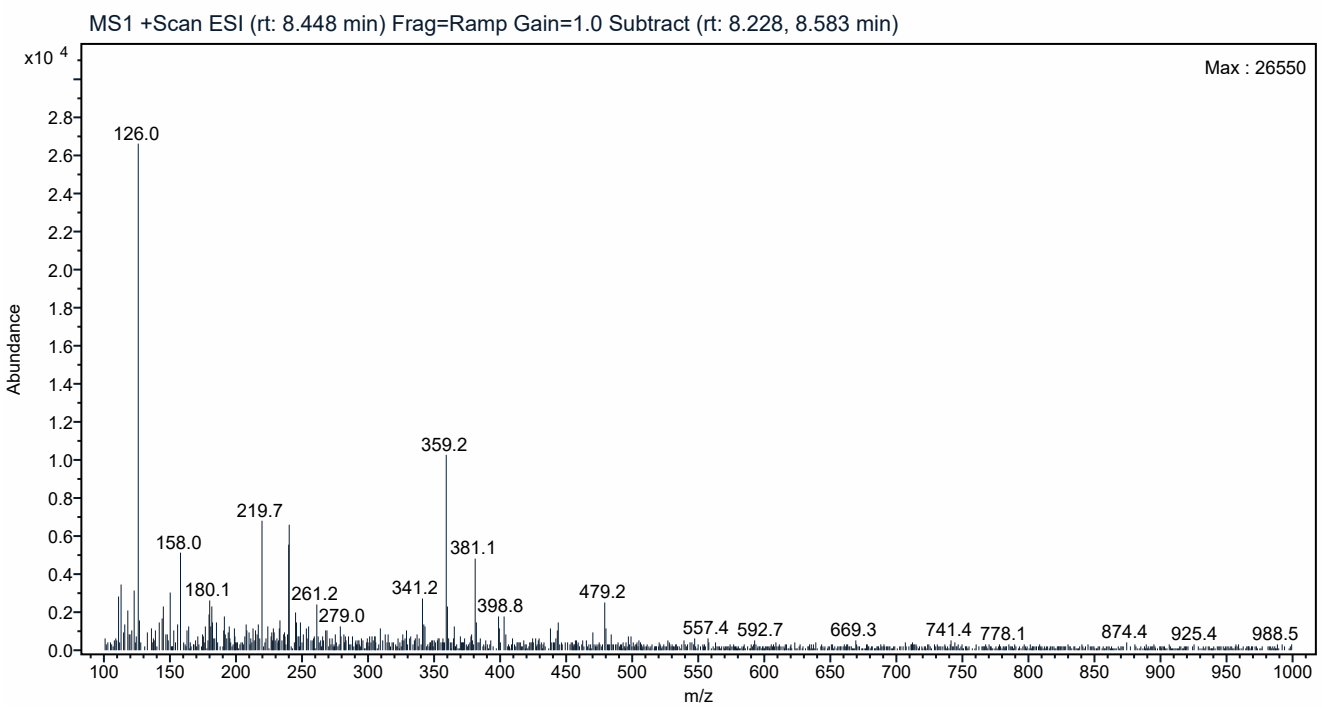


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(7).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 13:44:51-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(7).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.448



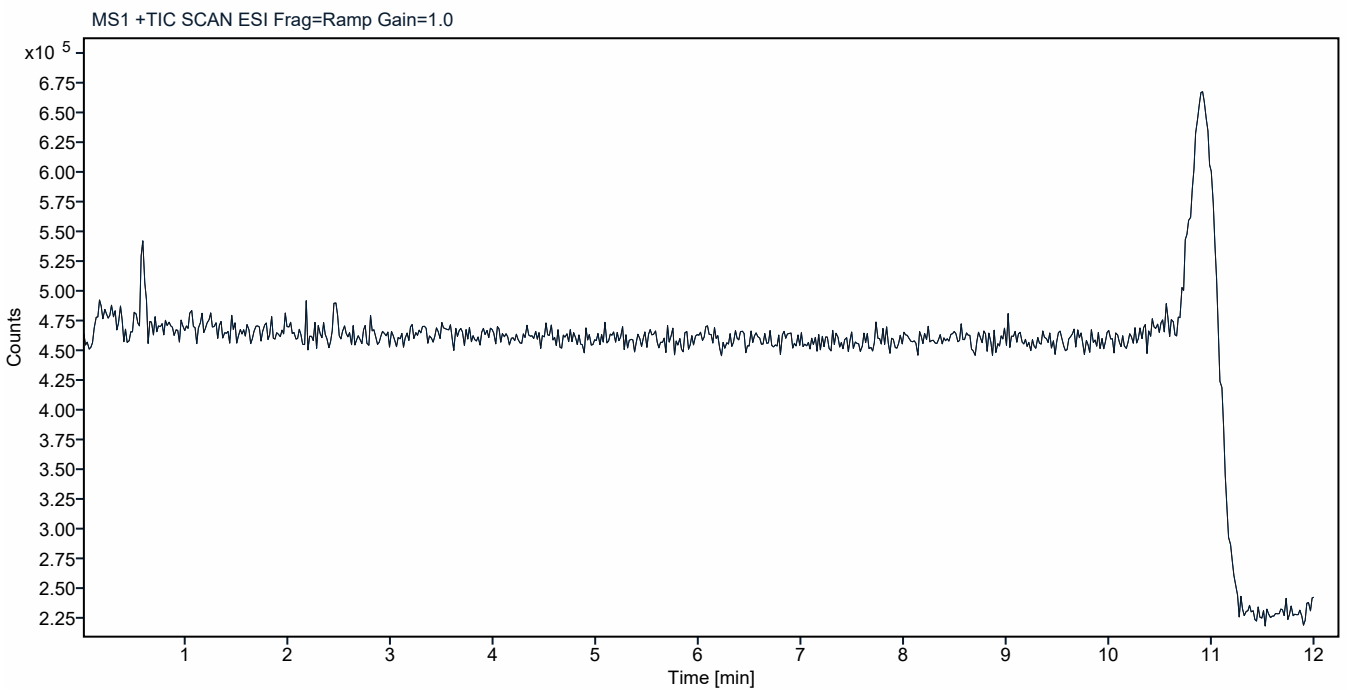
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.046	0.4342	4907405.7580	866085.2290	79.7076
8.448	0.3586	1249357.7762	119141.4820	20.2924

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL(8).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-03 14:12:03-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\Blank Comparsion THC STD ACN 26uL (8).sirslt

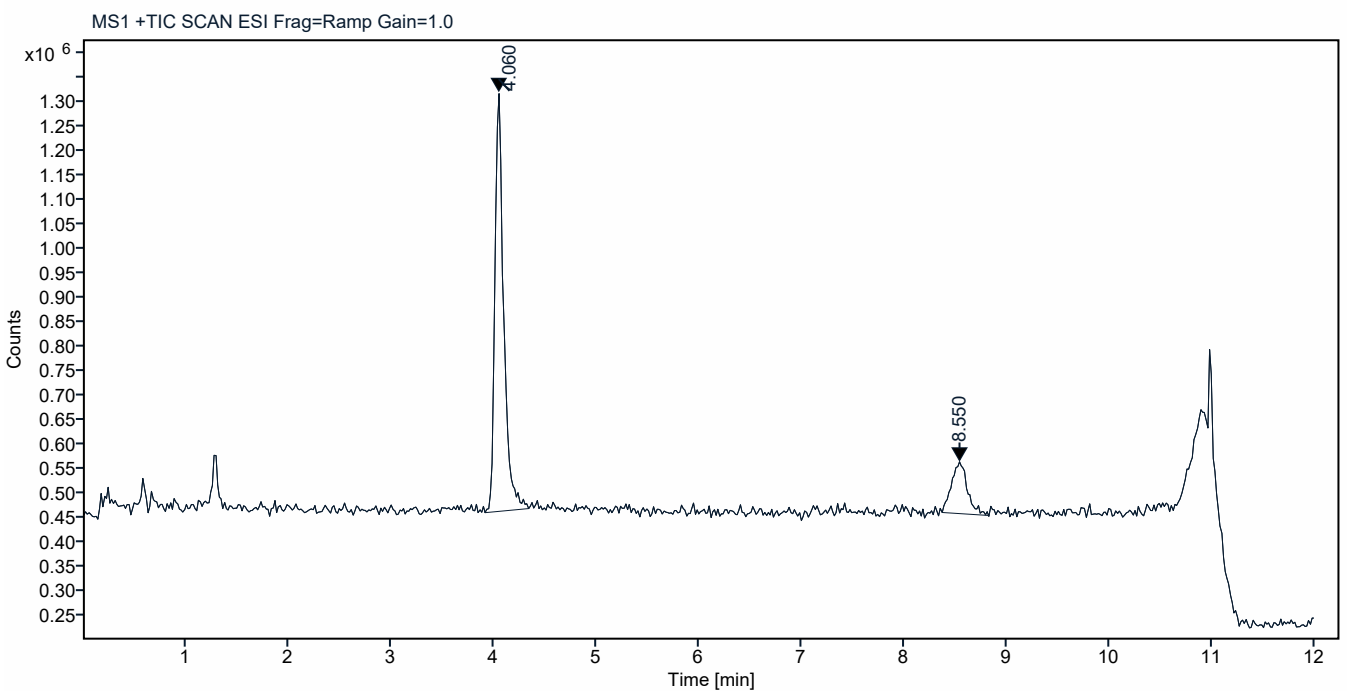


AK

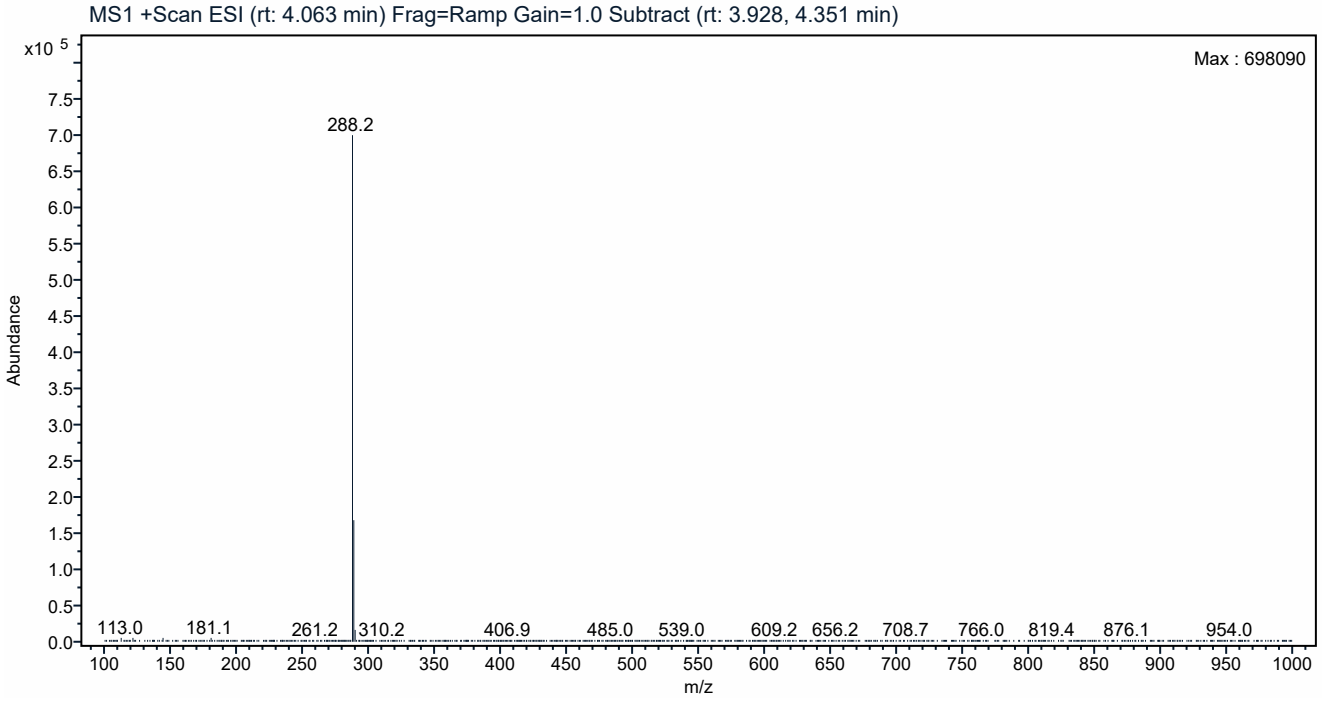
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(8).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 14:25:37-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(8).sirslt

THCA Comparison STD 8



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.060

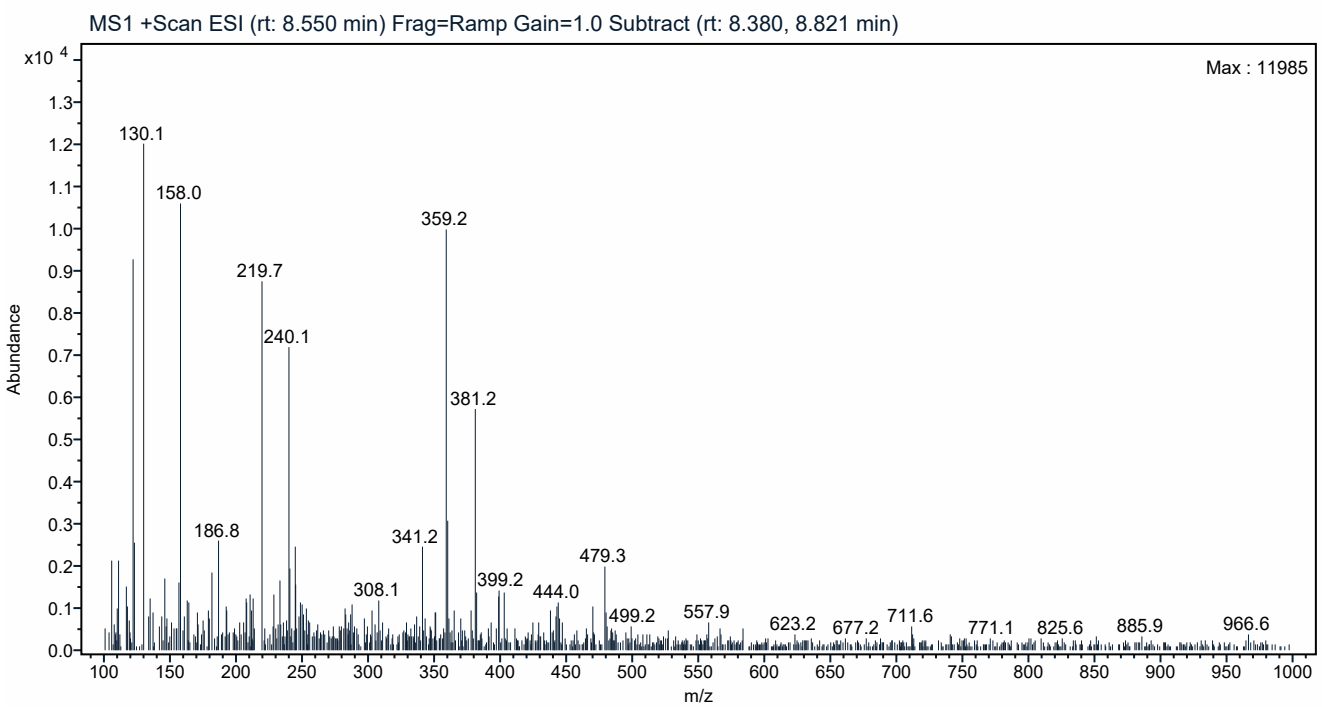


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(8).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 14:25:37-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(8).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.550



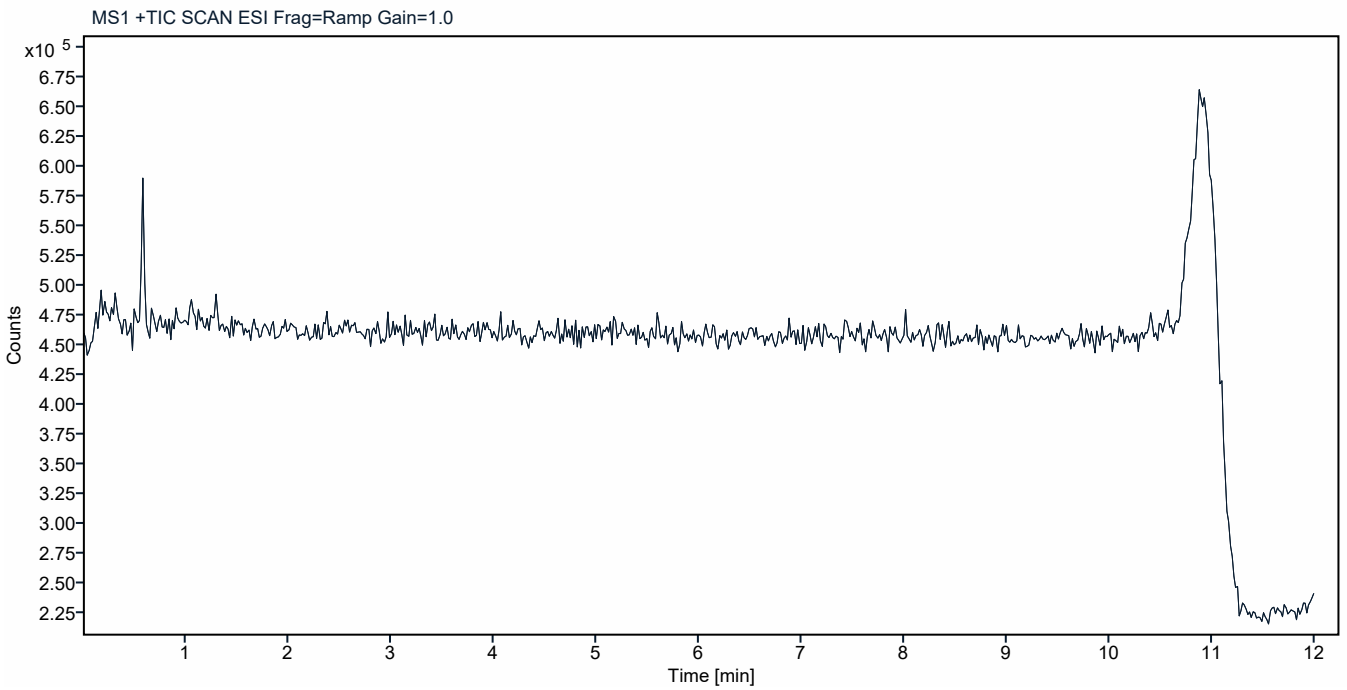
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.060	0.4232	5140832.6415	857041.5480	81.8745
8.550	0.4539	1138086.4878	106012.3703	18.1255

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL(9).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-03 14:52:49-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\Blank Comparsion THC STD ACN 26uL (9).sirslt

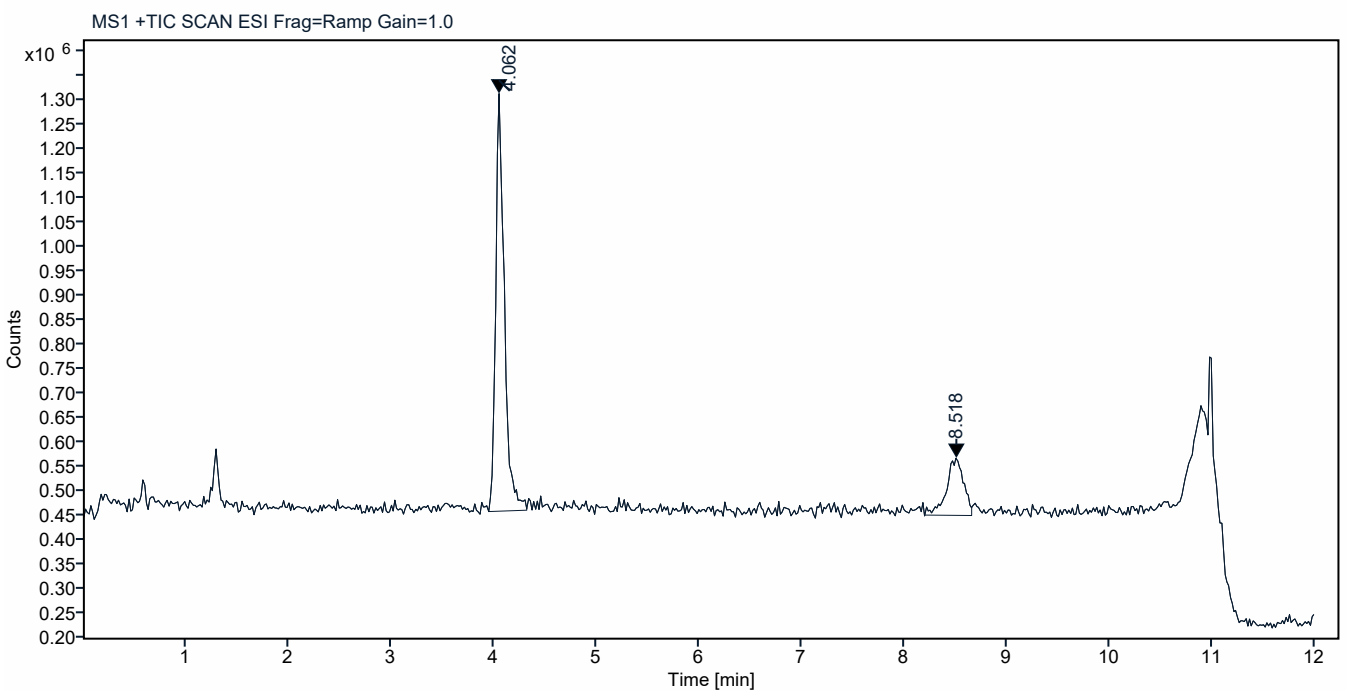


AK

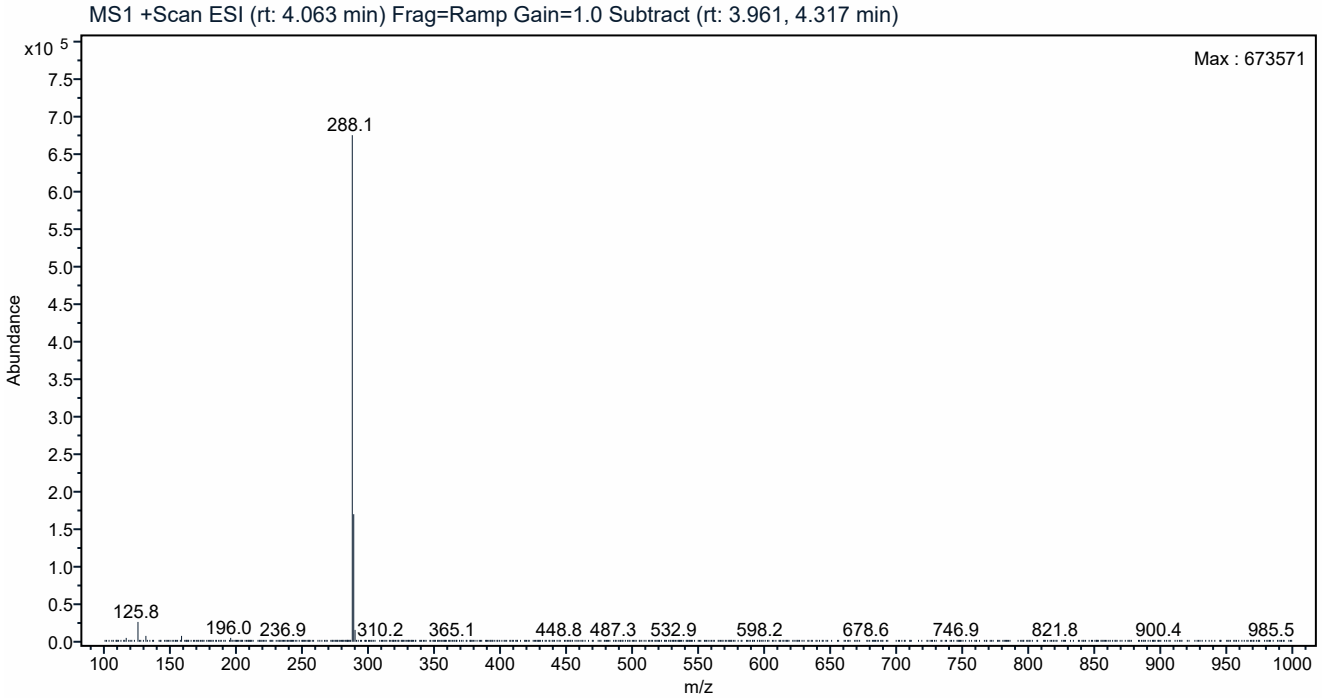
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(9).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 15:06:23-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(9).sirslt

THCA Comparison STD 9



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.062

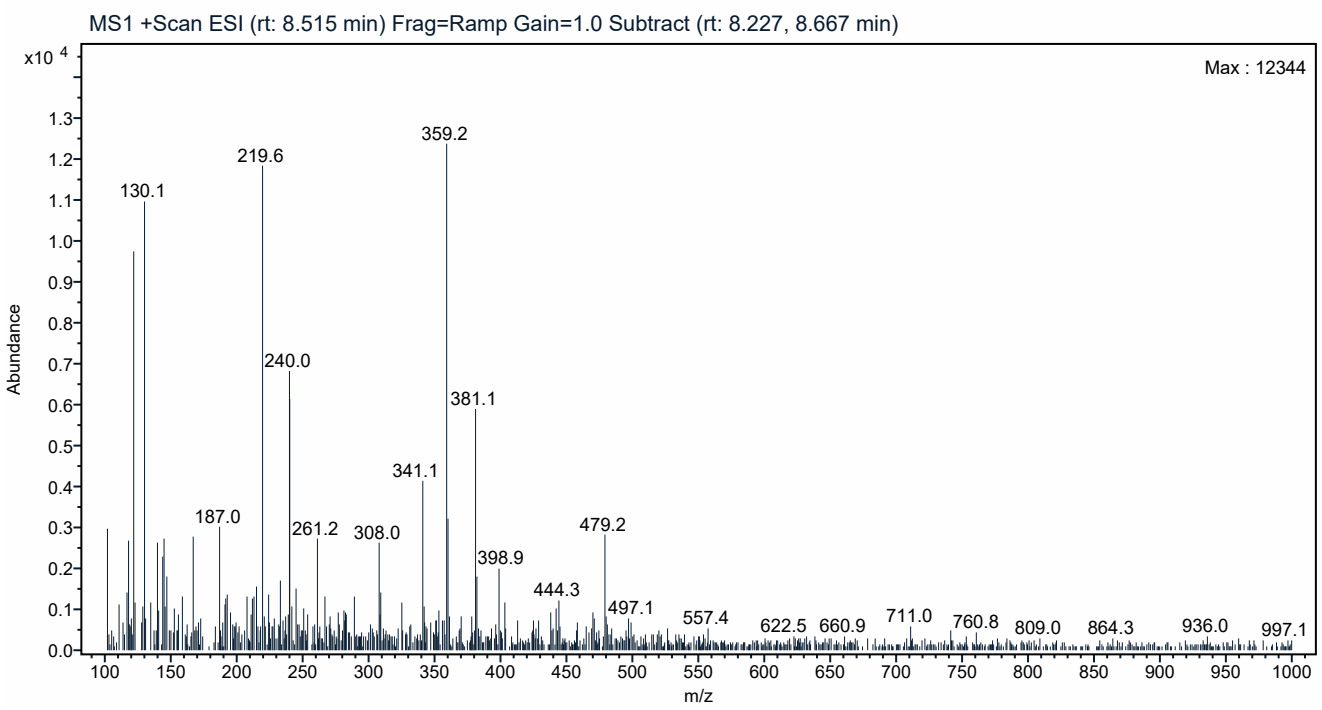


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(9).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 15:06:23-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(9).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.518



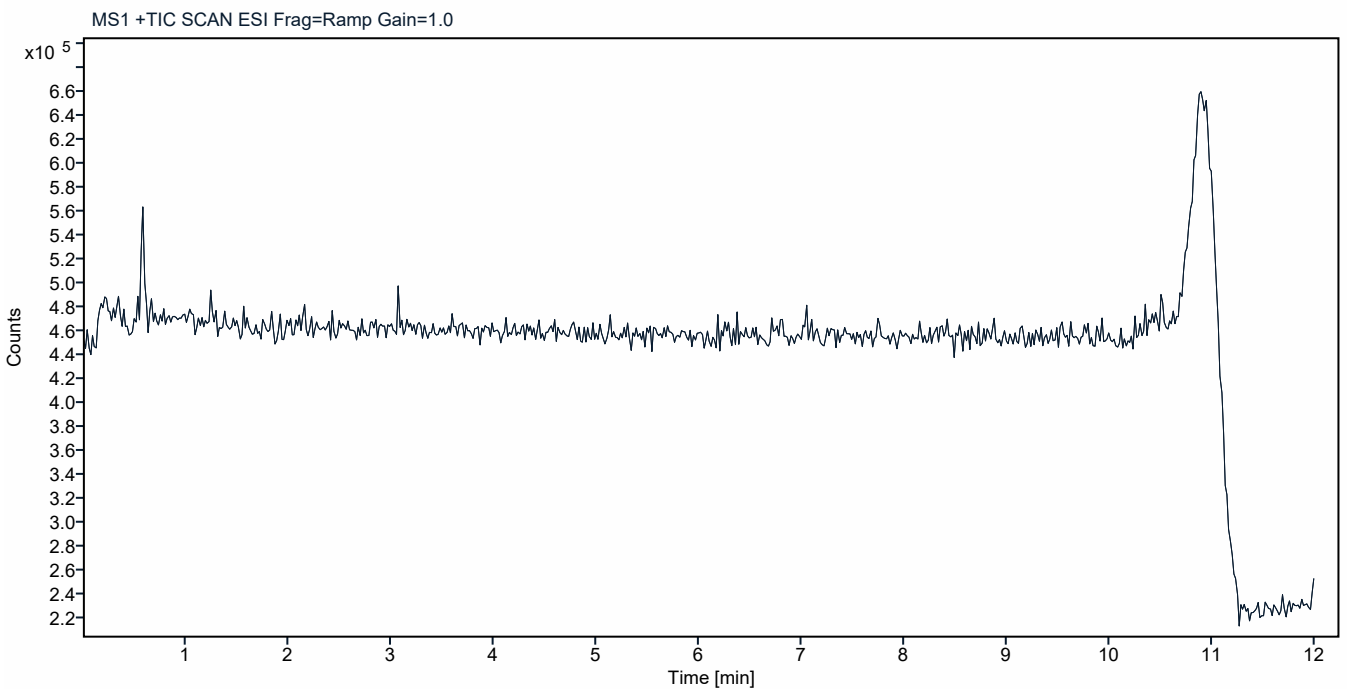
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.062	0.3718	5028824.2248	854519.1006	78.6685
8.518	0.4558	1363603.2894	117354.2221	21.3315

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank THC STD ACN 26uL (10).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-03 15:33:34-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\Blank THC STD ACN 26uL (10).sirslt

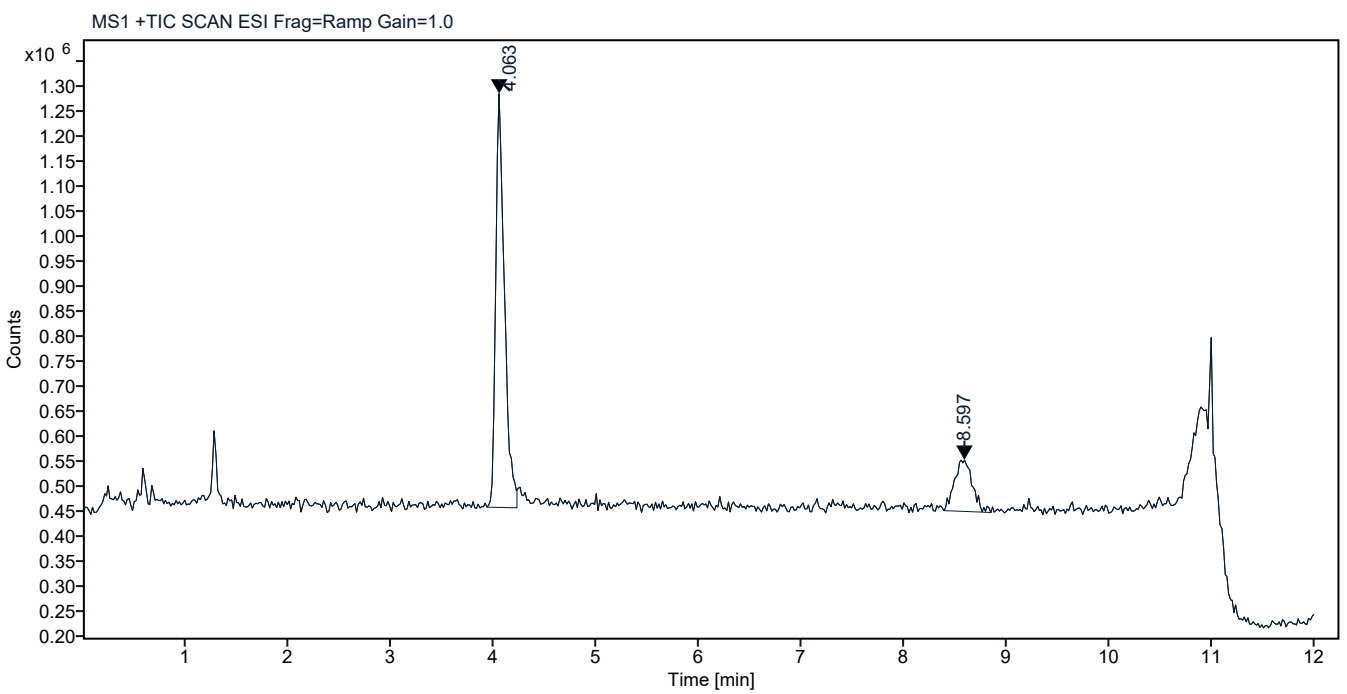


AK

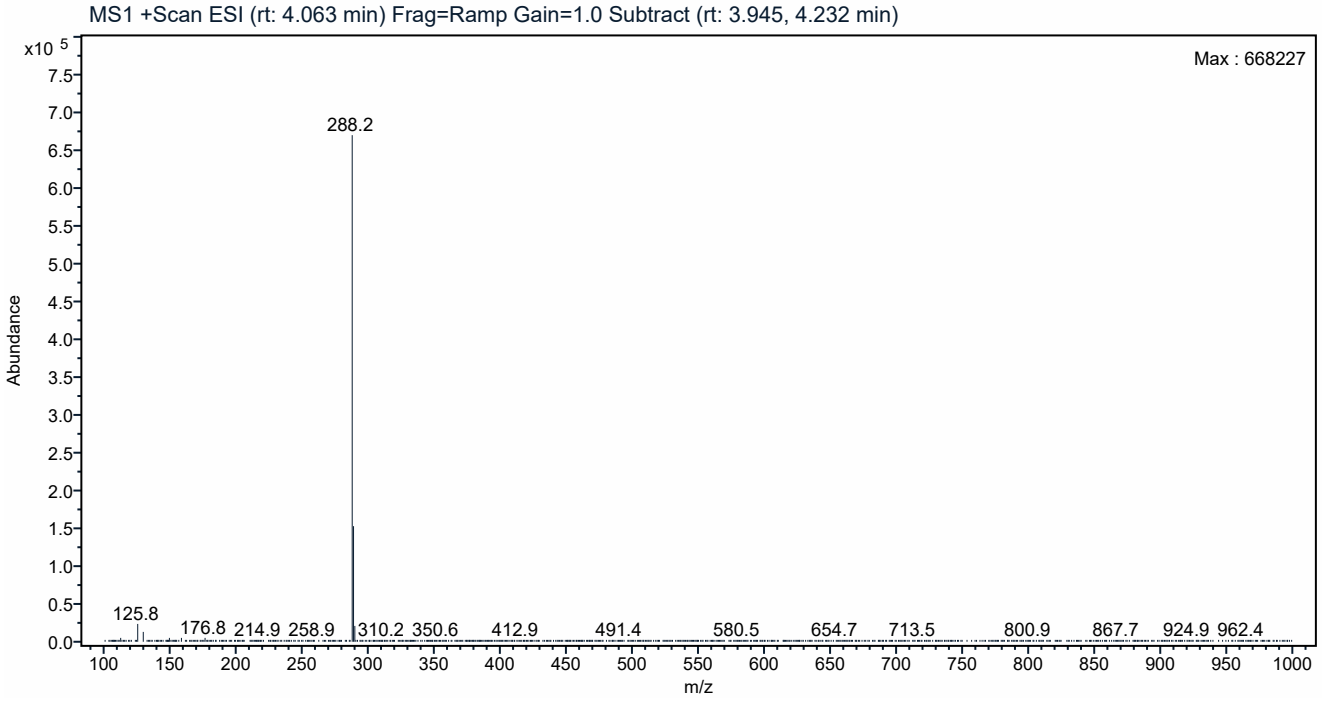
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(10).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 15:47:07-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(10).sirslt

THCA Comparison STD 10



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.063

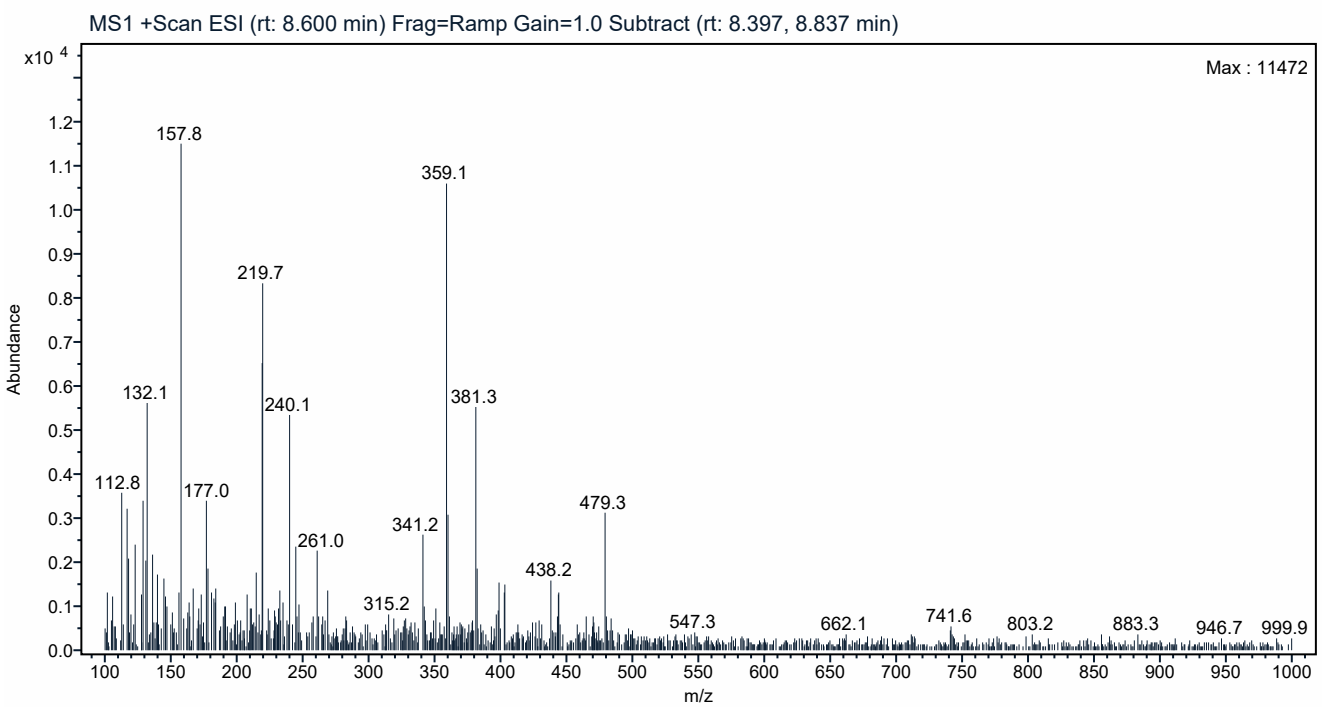


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(10).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 15:47:07-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(10).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.597



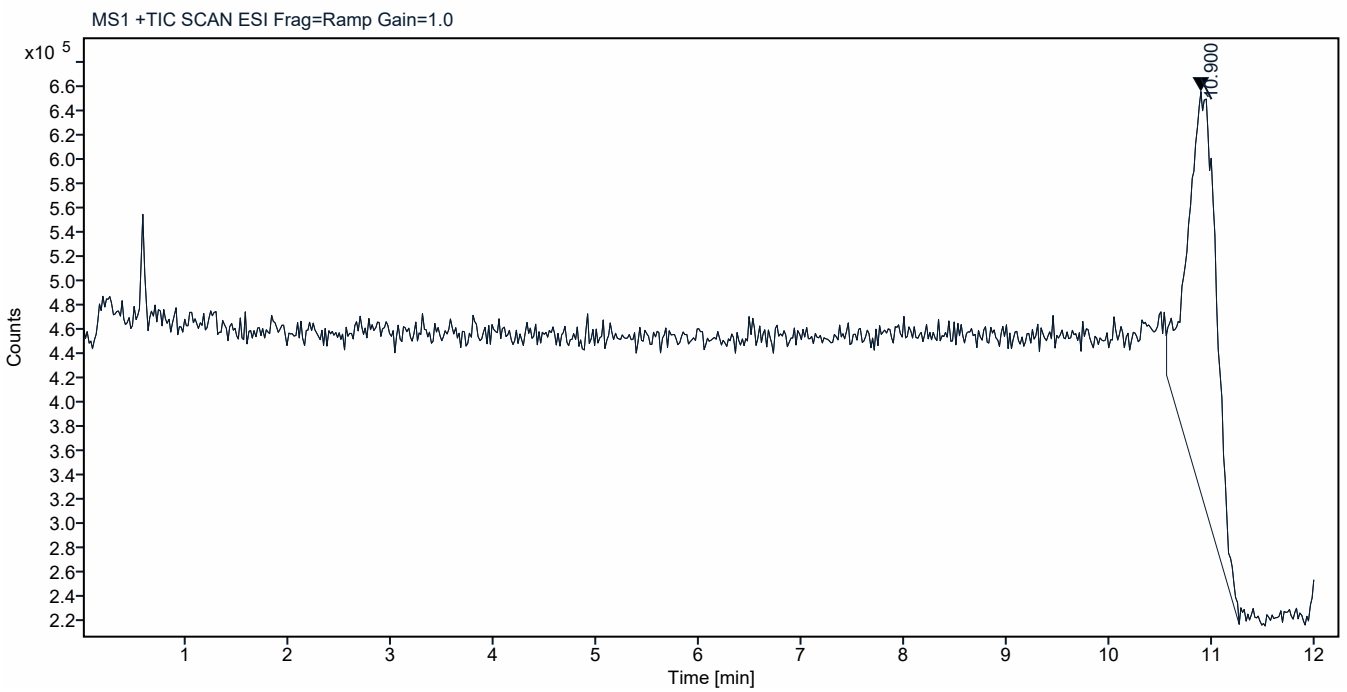
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.063	0.2926	4890977.5989	827435.5073	79.5535
8.597	0.4566	1257055.0119	103009.1436	20.4465

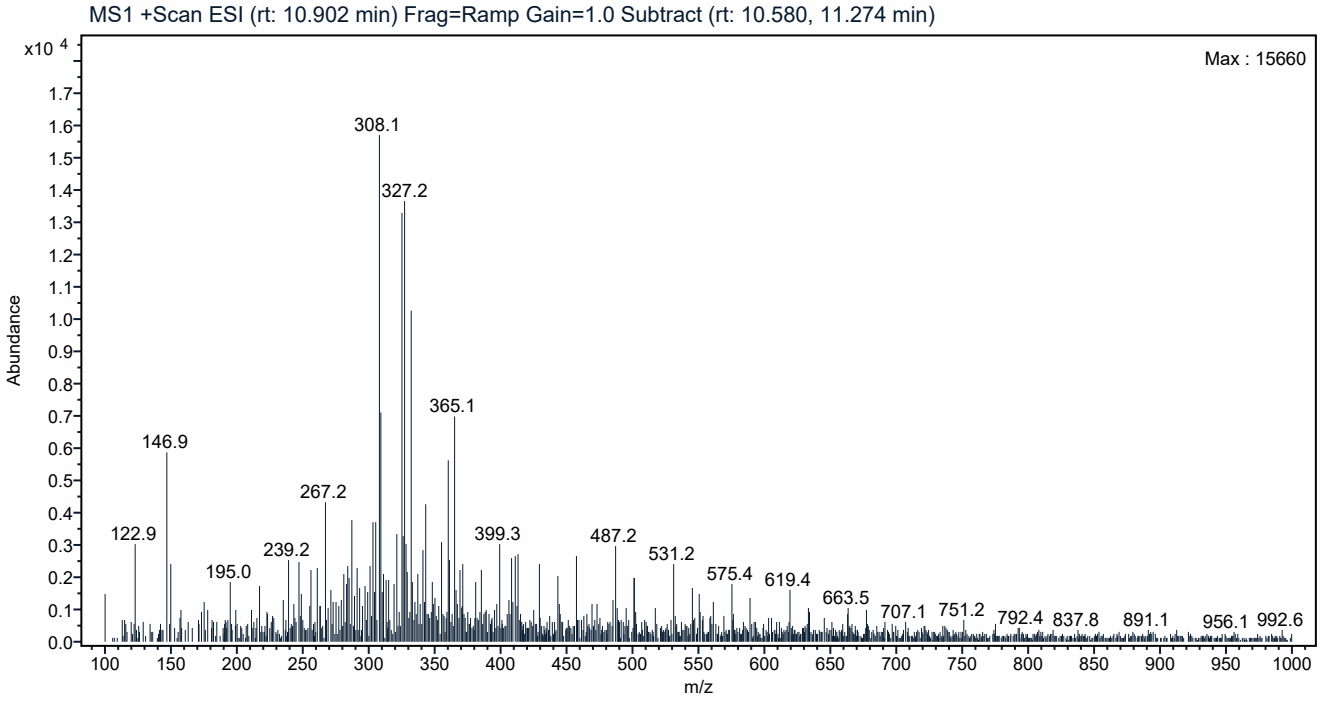
AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank THC STD ACN 26uL (11).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-03 16:14:20-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\Blank THC STD ACN 26uL (11).sirslt



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 10.900



AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank THC STD ACN 26uL (11).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-03 16:14:20-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\Blank THC STD ACN 26uL (11).sirslt

Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

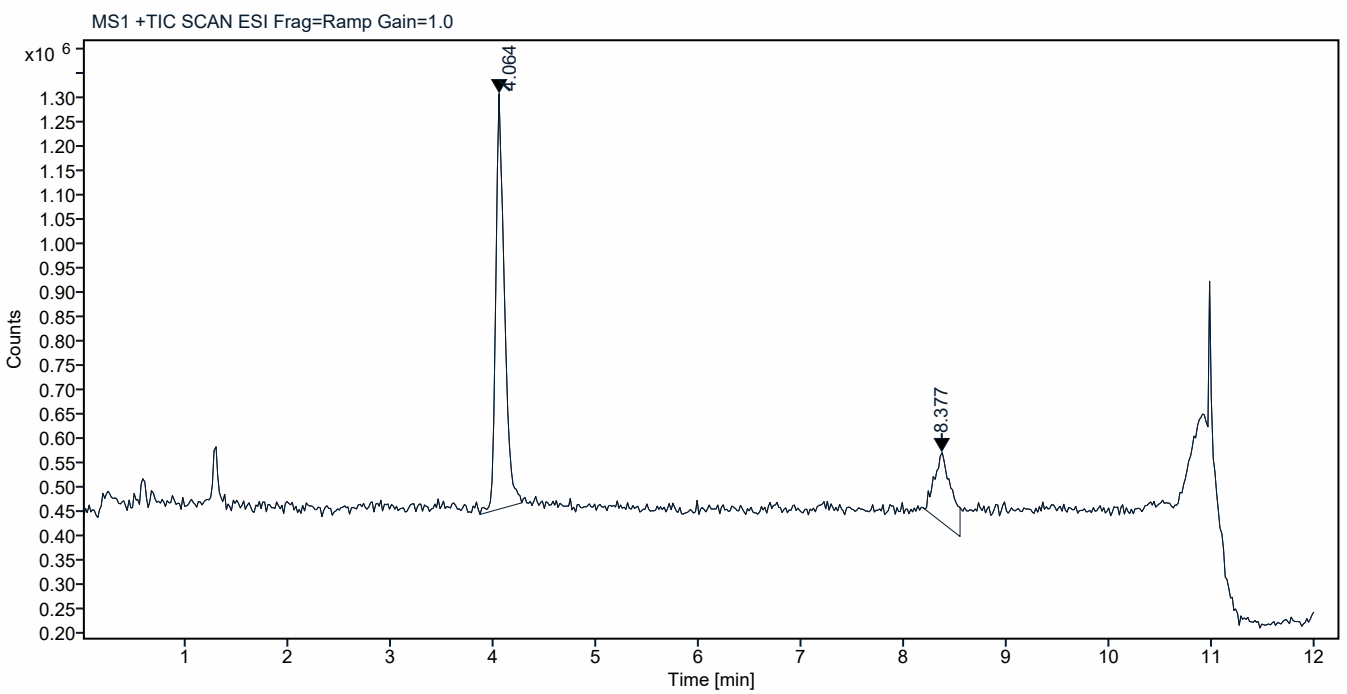
RT [min]	Width [min]	Area	Height	Area%
10.900	0.7070	6694980.9026	330474.0079	100.0000

AK

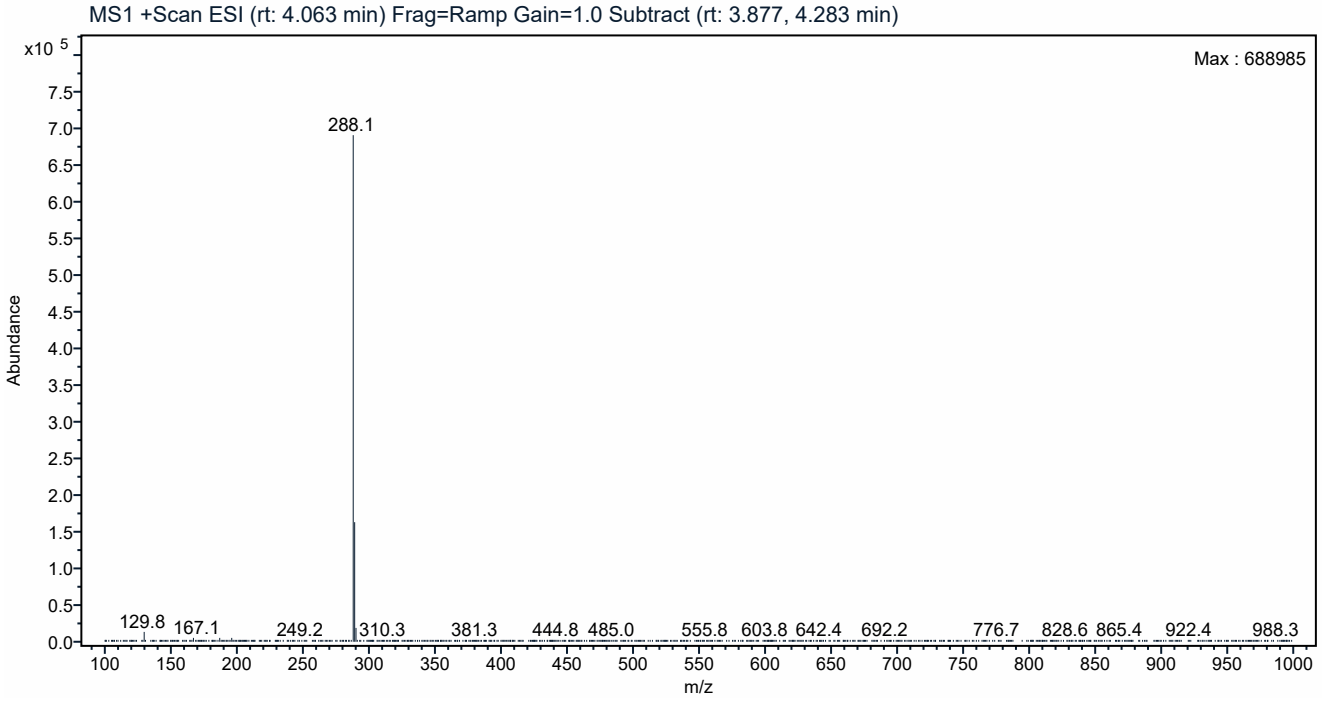
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(11).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 16:27:53-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(11).sirslt

THCA Comparison STD 11



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.064

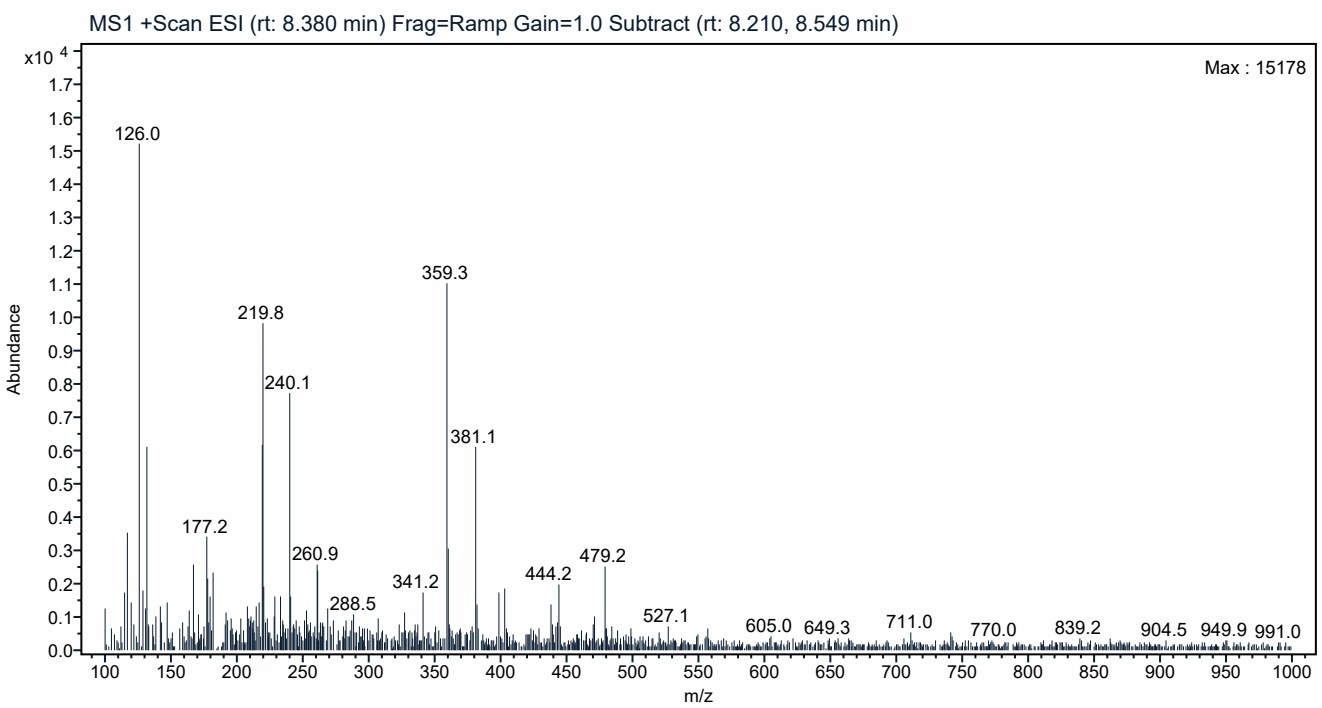


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(11).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 16:27:53-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(11).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.377



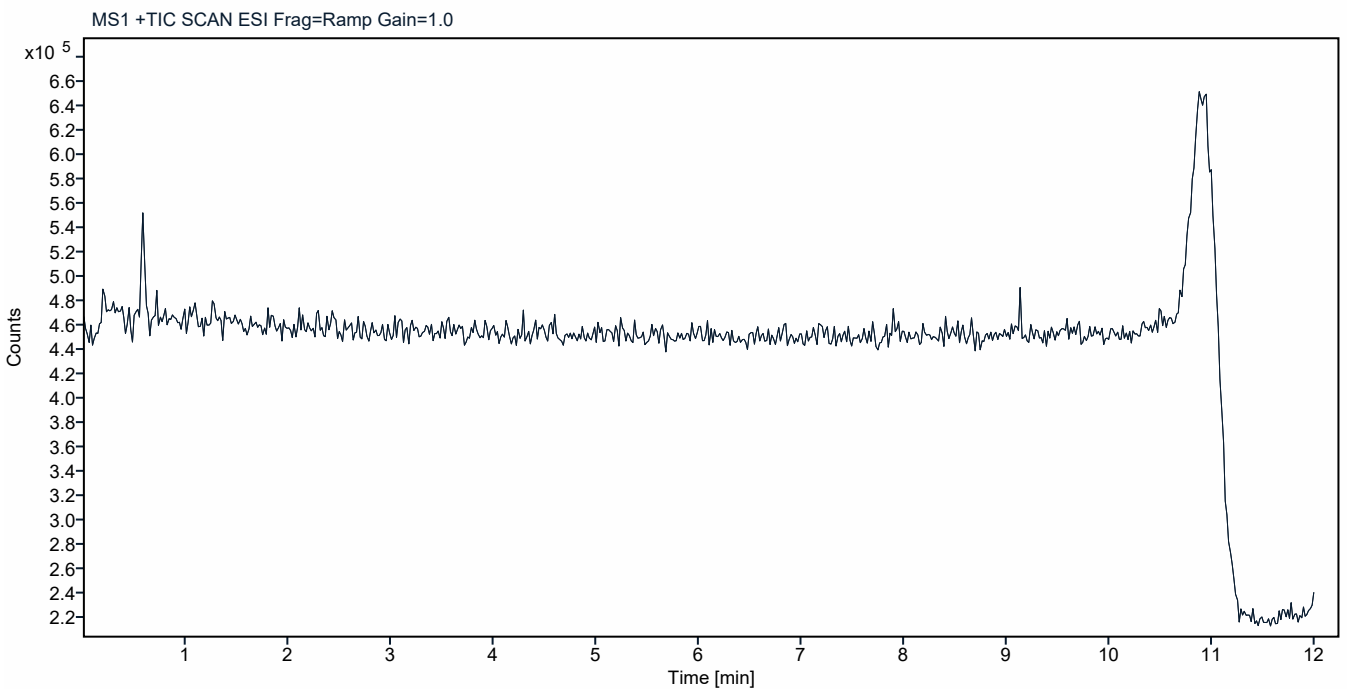
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.064	0.4063	5022640.2718	853612.0138	75.2256
8.377	0.3609	1654126.5179	143499.2410	24.7744

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank THC STD ACN 26uL (12).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-03 16:55:06-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\Blank THC STD ACN 26uL (12).sirslt

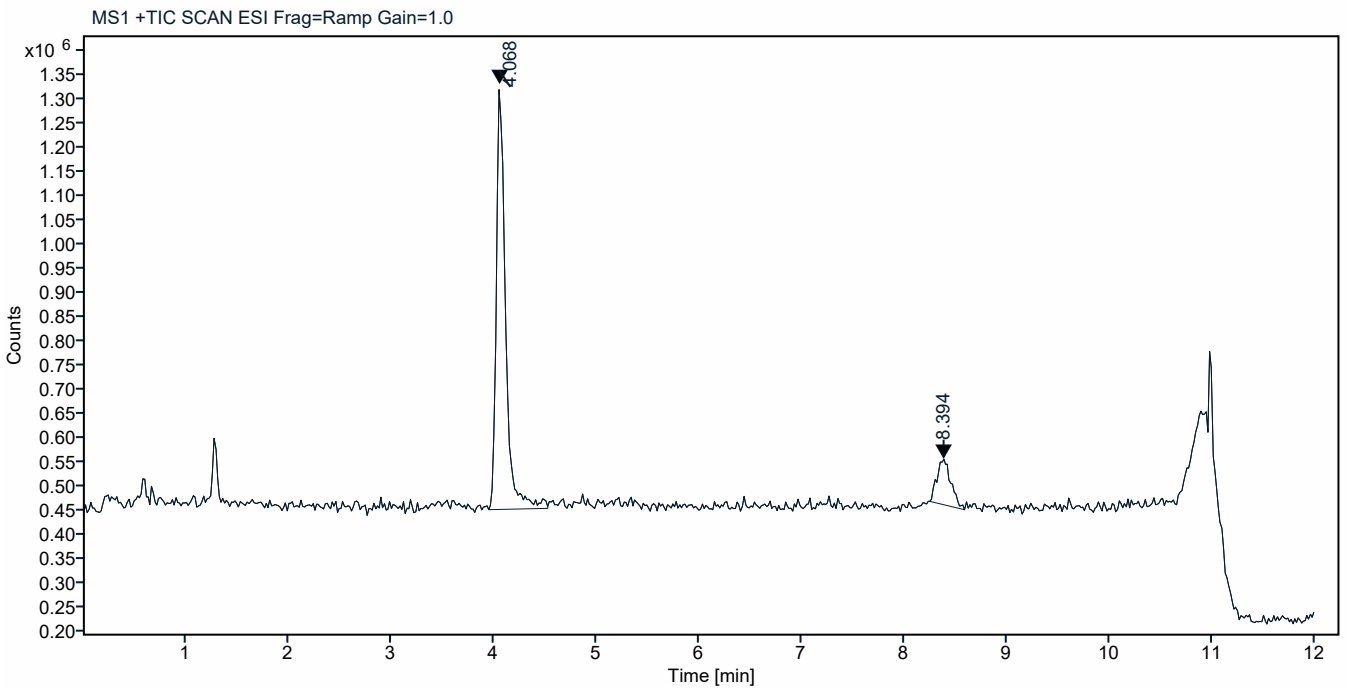


AK

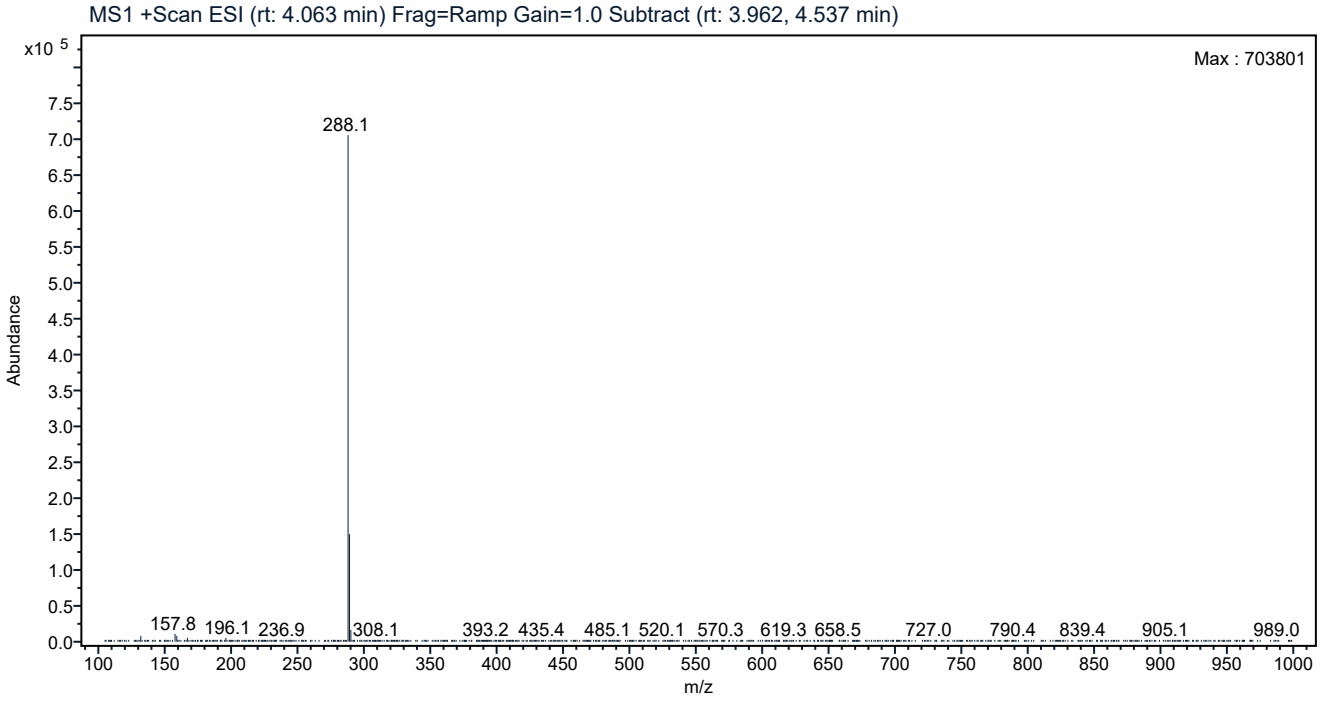
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(12).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 17:08:40-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(12).sirslt

THCA Comparison STD 12



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.068

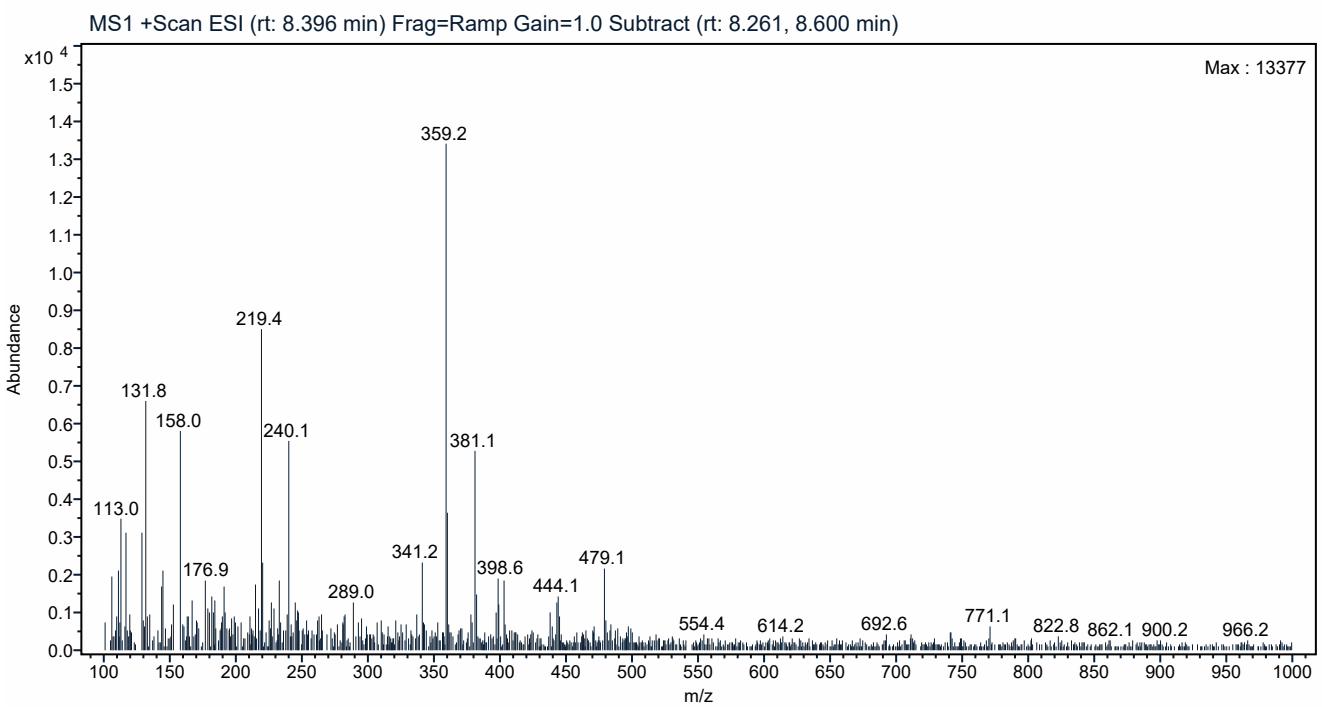


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(12).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 17:08:40-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(12).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.394



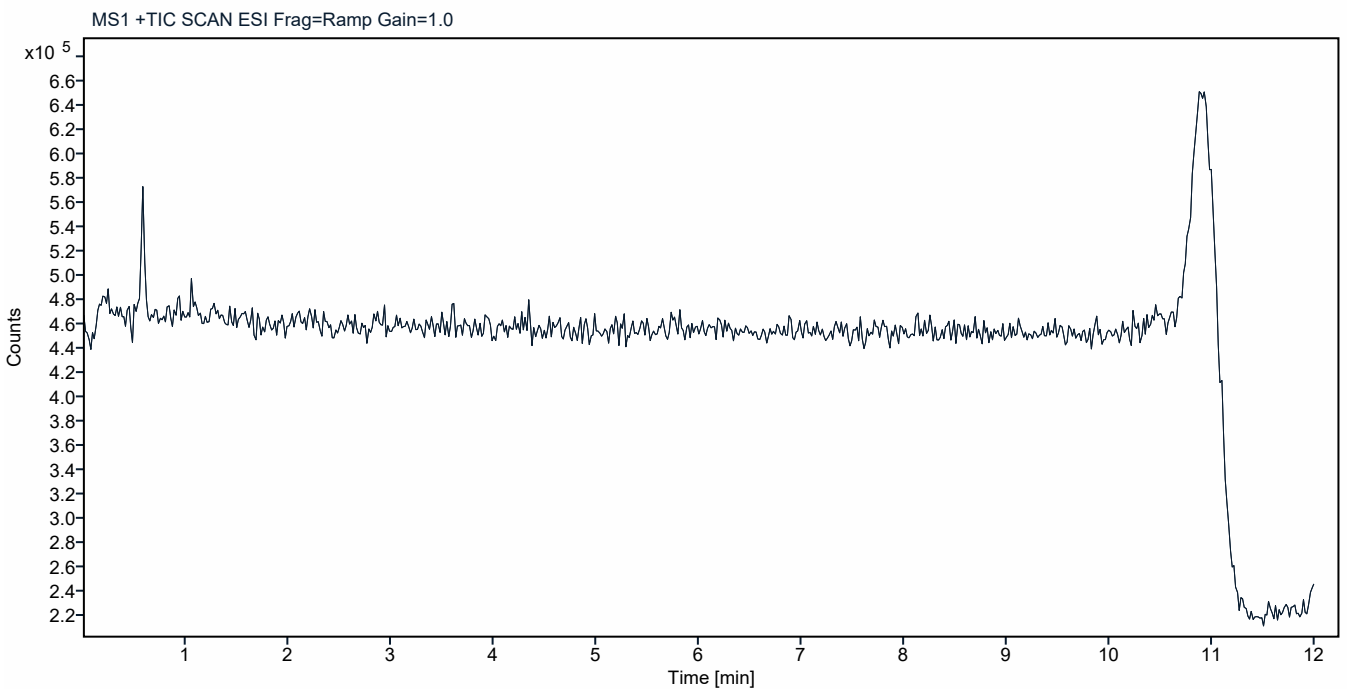
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.068	0.5760	5455530.1428	878811.7230	86.0598
8.394	0.3385	883700.5113	94493.1432	13.9402

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank THC STD ACN 26uL(13).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-03 17:35:52-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\Blank THC STD ACN 26uL(13).sirslt

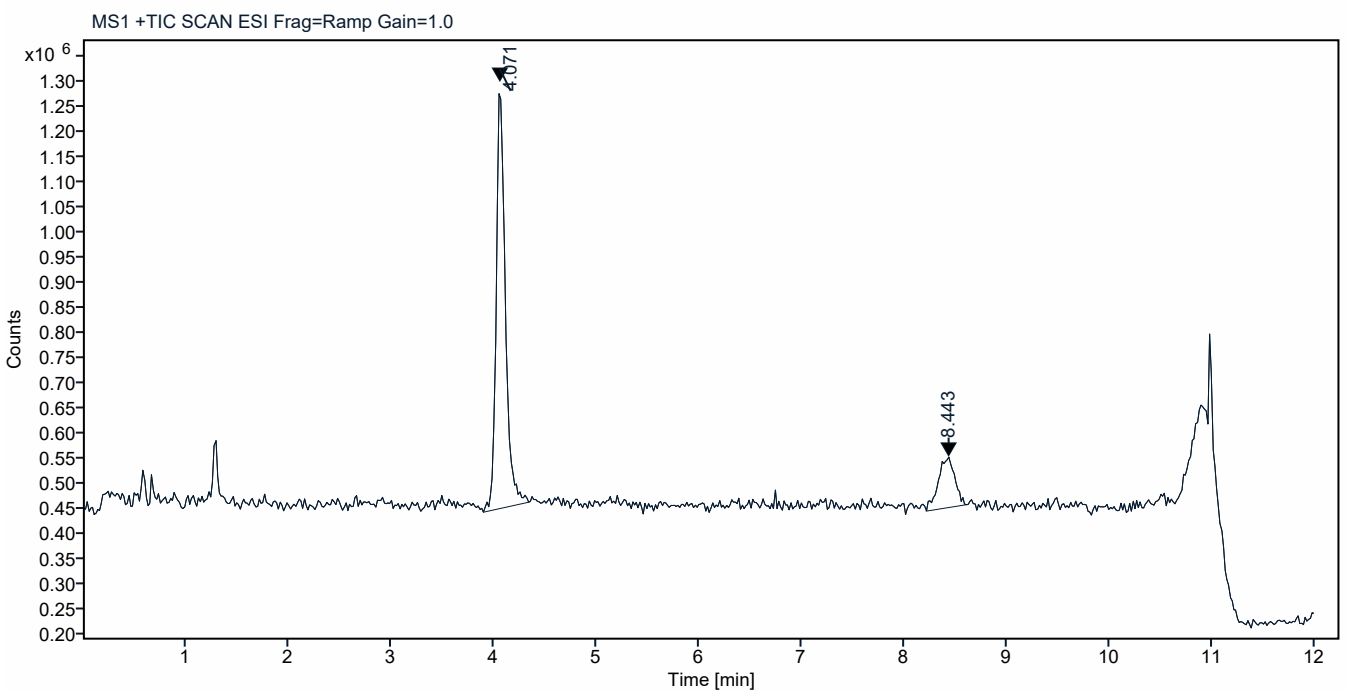


AK

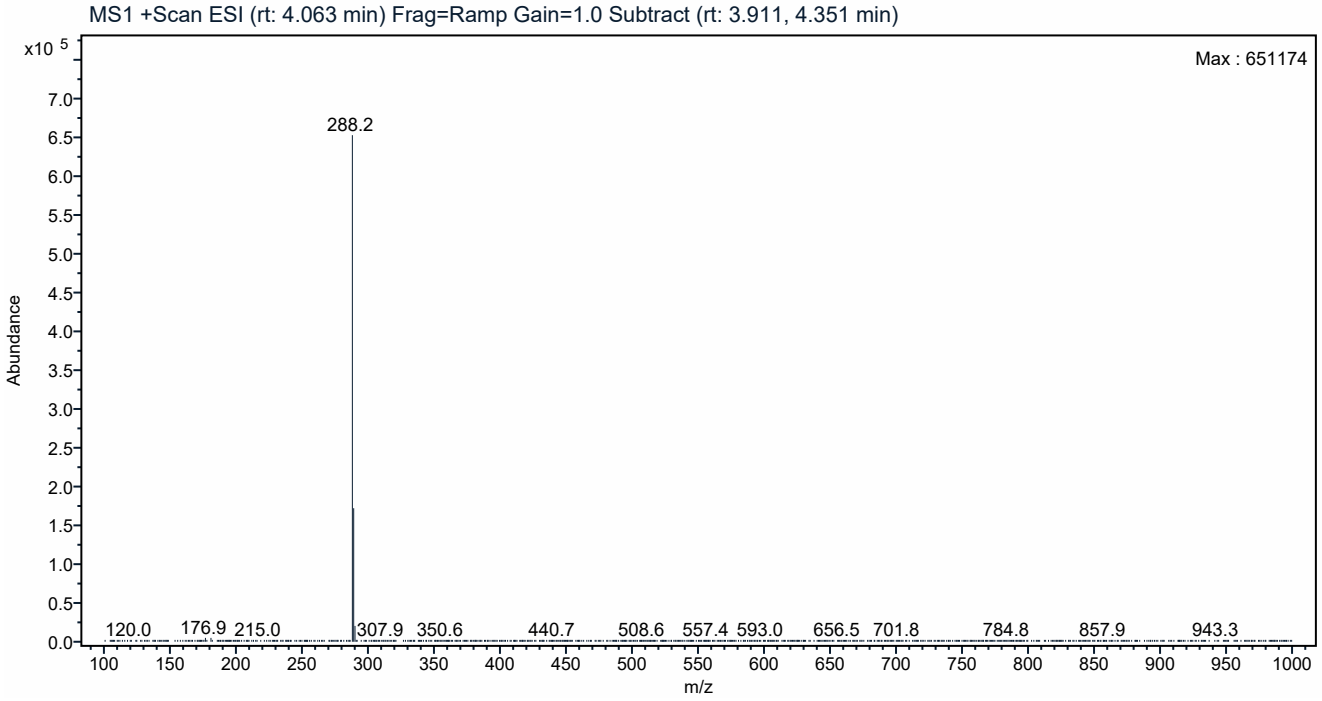
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(13).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 17:49:26-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(13).sirslt

THCA Comparison STD 13



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.071

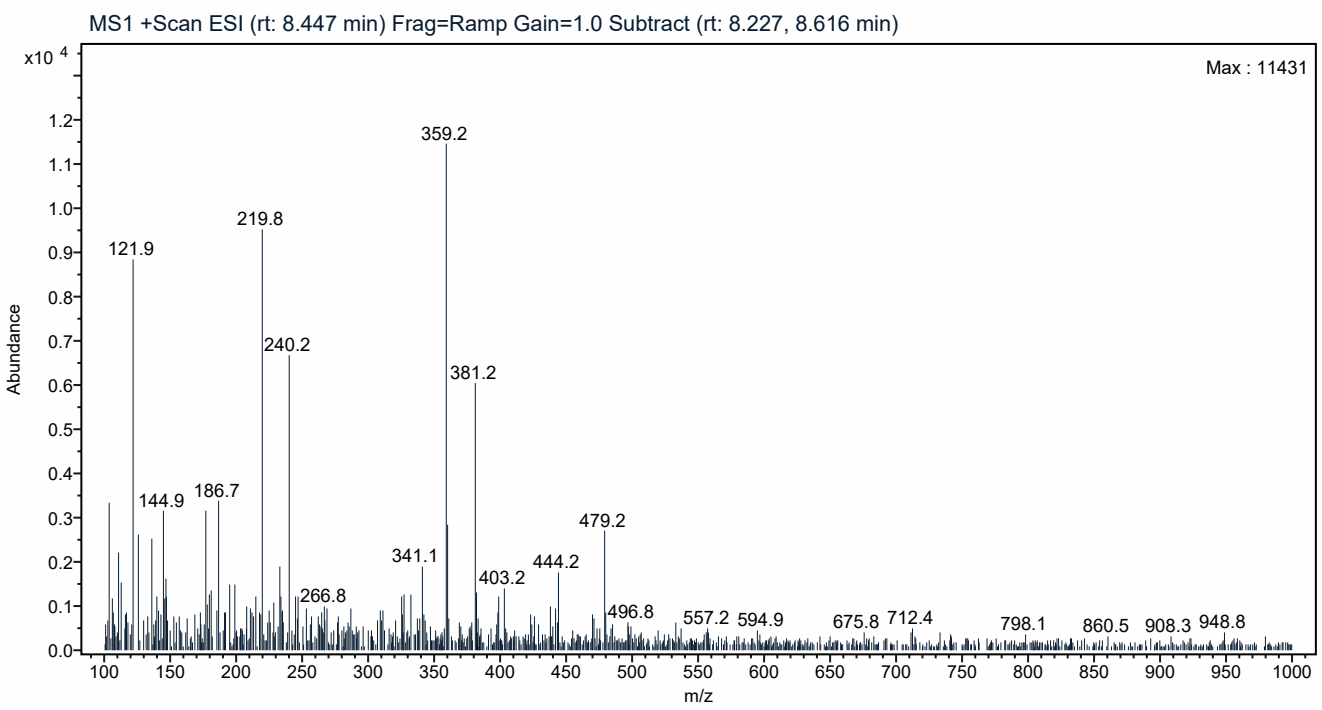


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(13).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-03 17:49:26-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-3-24\THC STD 26uL-mL in 2mLACN(13).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.443



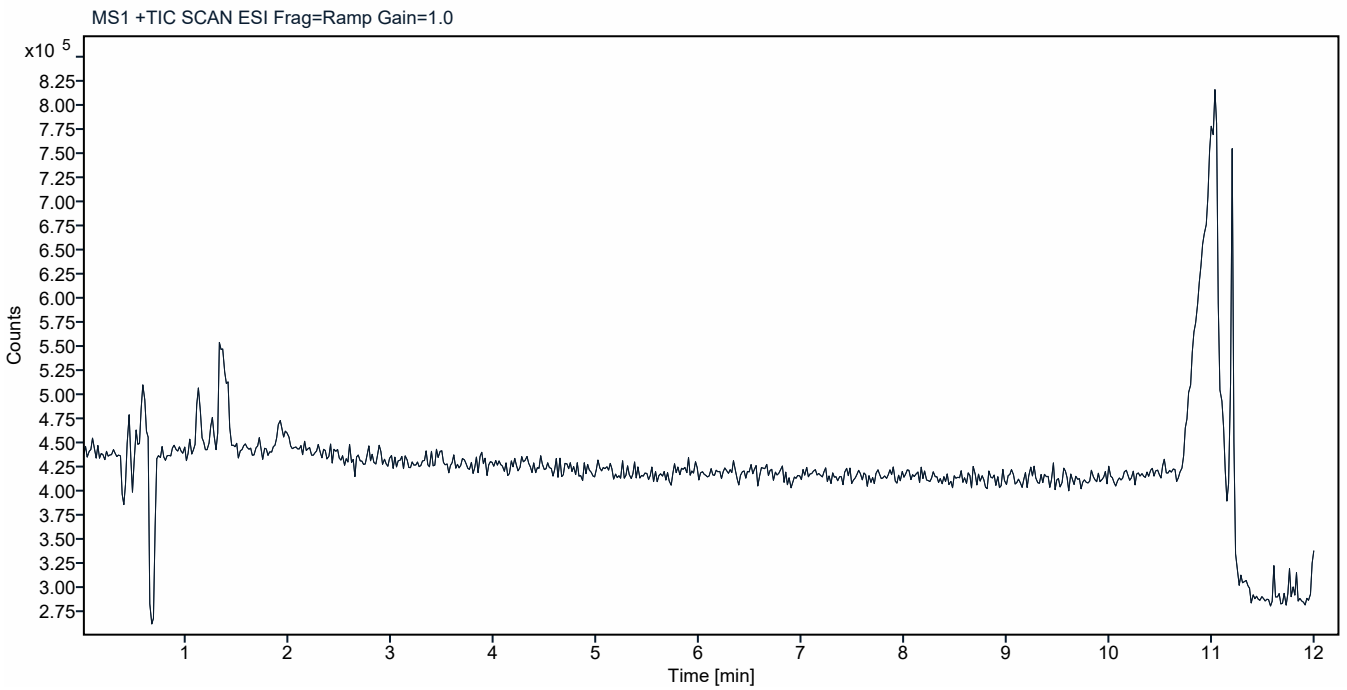
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.071	0.4401	5193147.9369	848828.6580	82.2027
8.443	0.3921	1124343.1172	100856.3326	17.7973

AK

Analysis Report

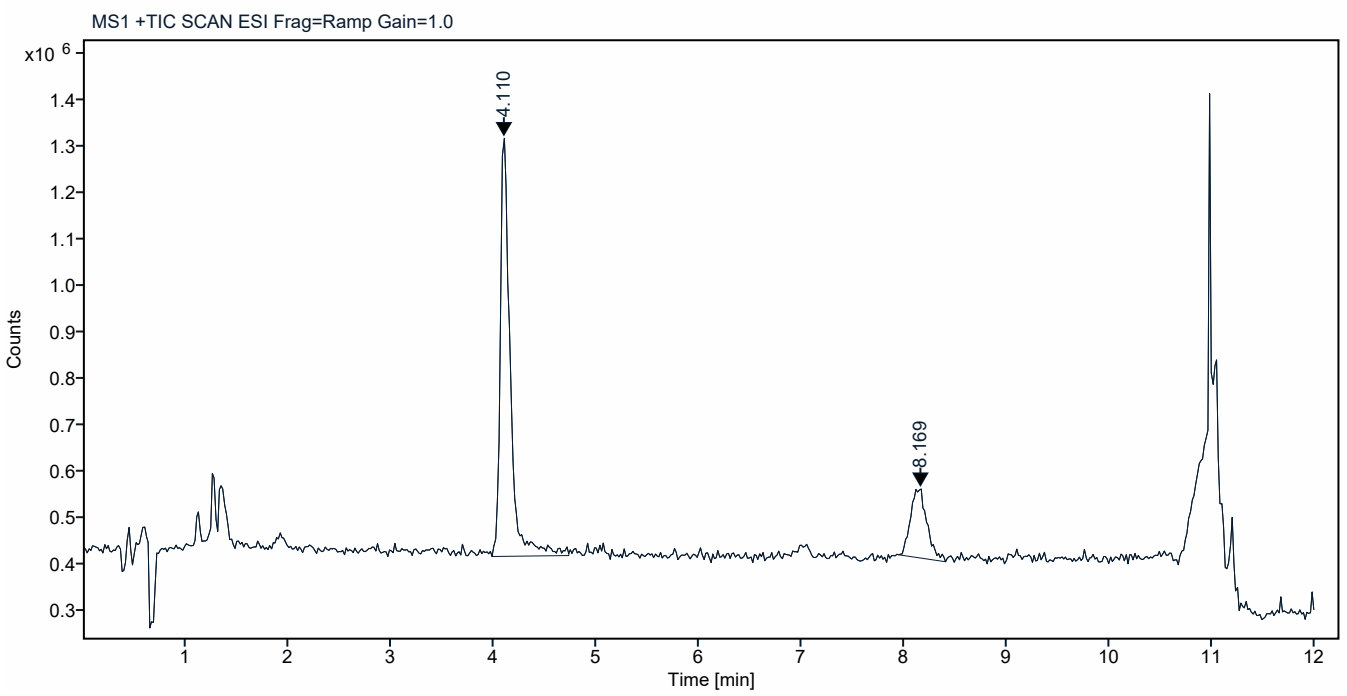
Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL(14).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-04 13:35:56-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\Blank Comparsion THC STD ACN 26uL (14).sirslt



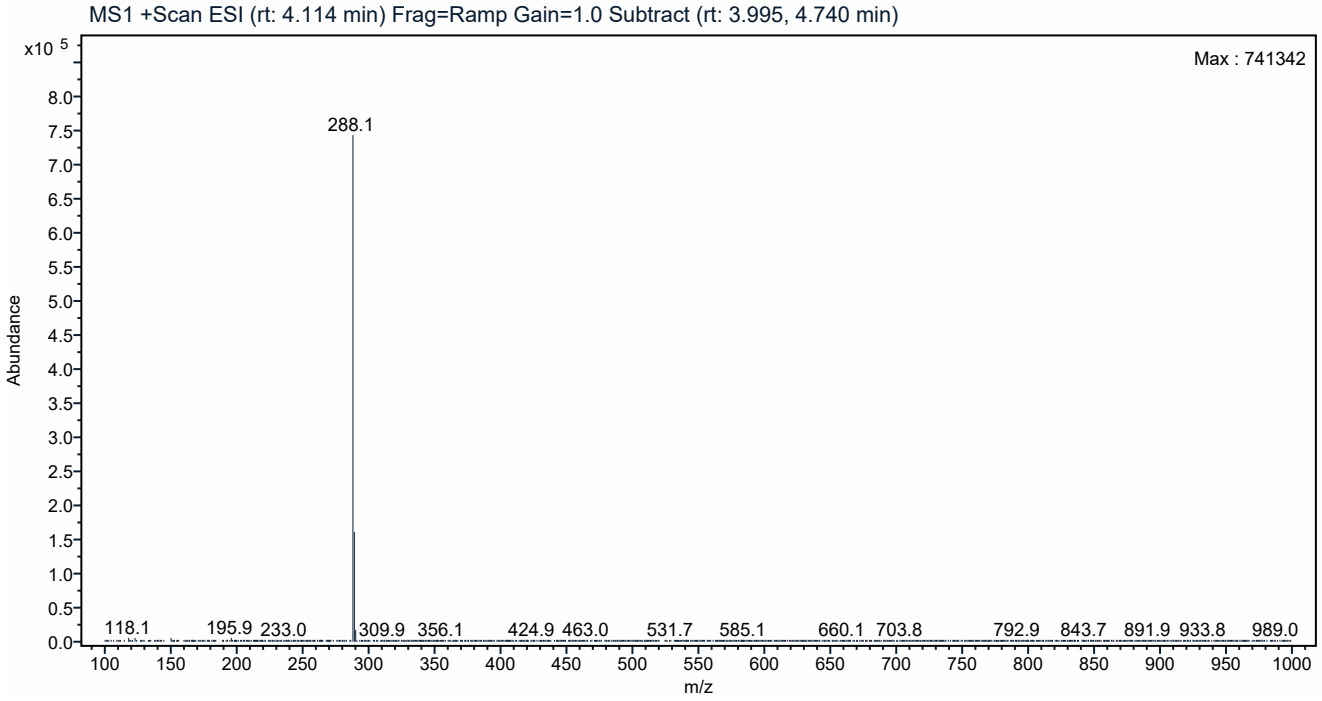
AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(14).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-04 13:49:30-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\THC STD 26uL-mL in 2mLACN(14).sirslt



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.110

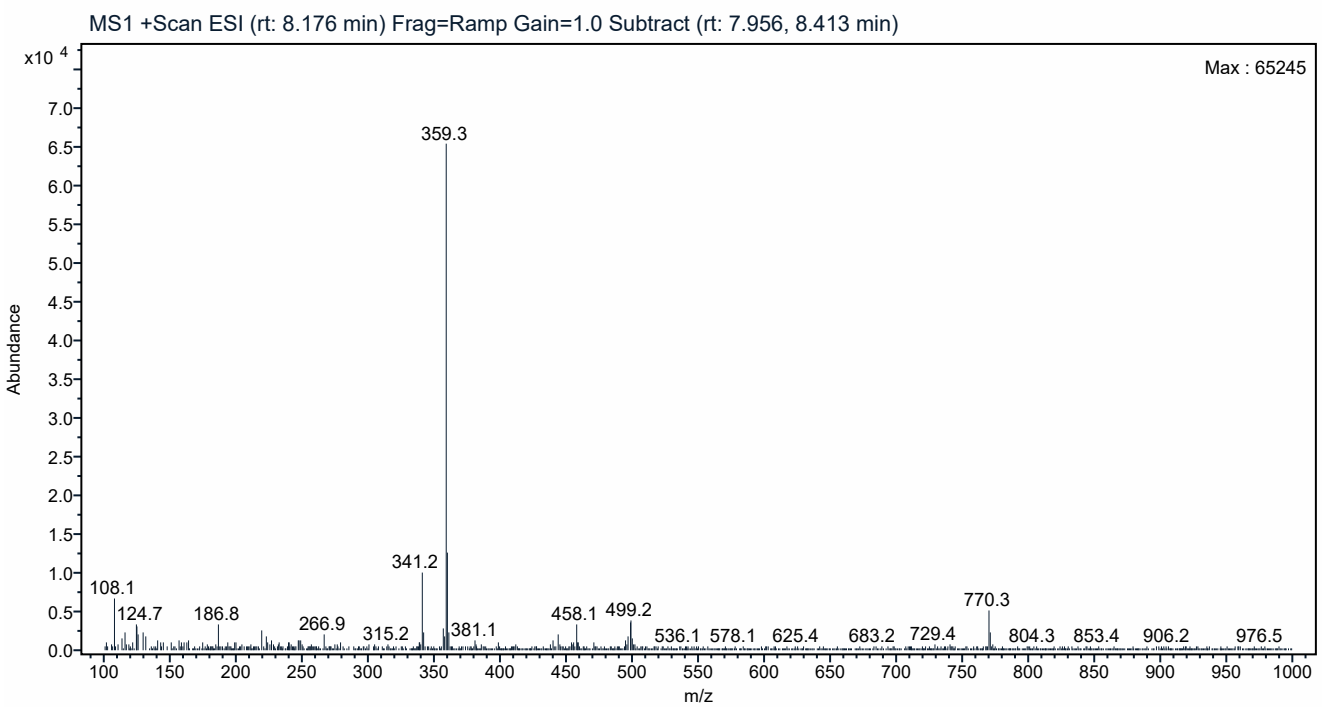


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(14).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-04 13:49:30-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\THC STD 26uL-mL in 2mLACN(14).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.169



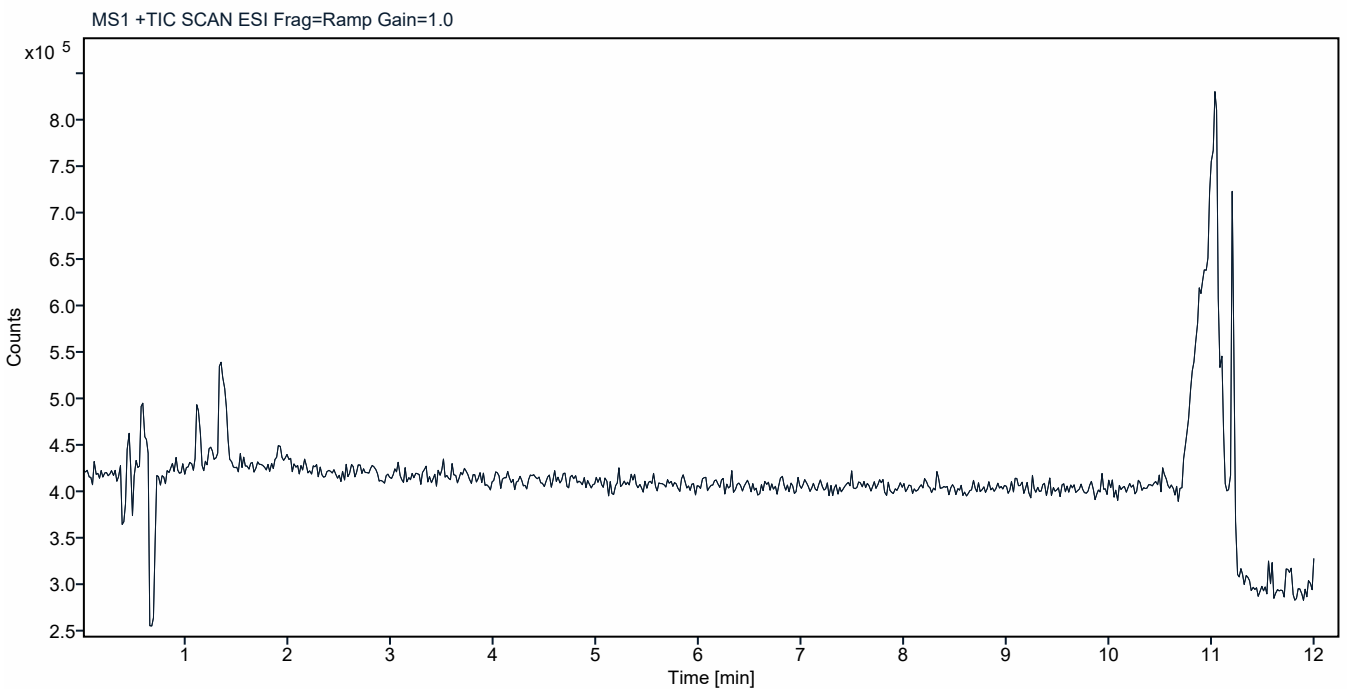
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.110	0.7473	6100335.6389	904432.2110	78.6419
8.169	0.4570	1656767.5977	153069.6070	21.3581

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL(15).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-04 14:16:43-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\Blank Comparsion THC STD ACN 26uL (15).sirslt

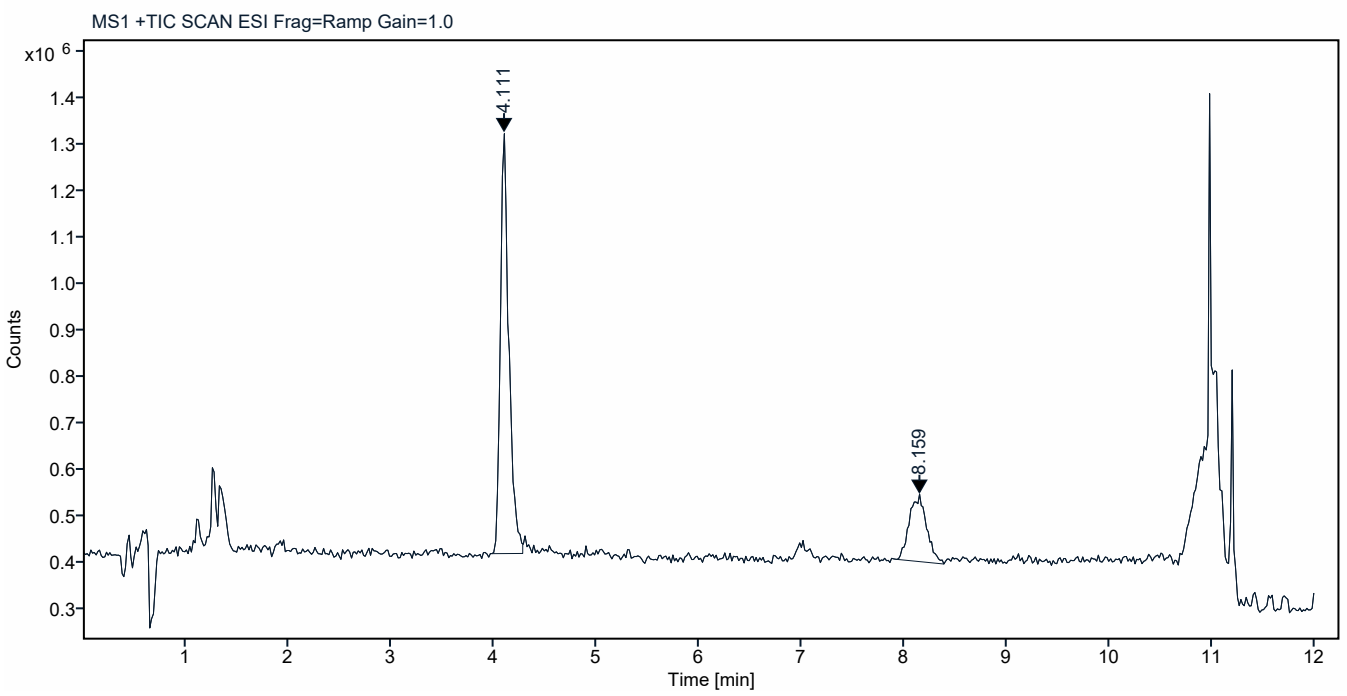


AK

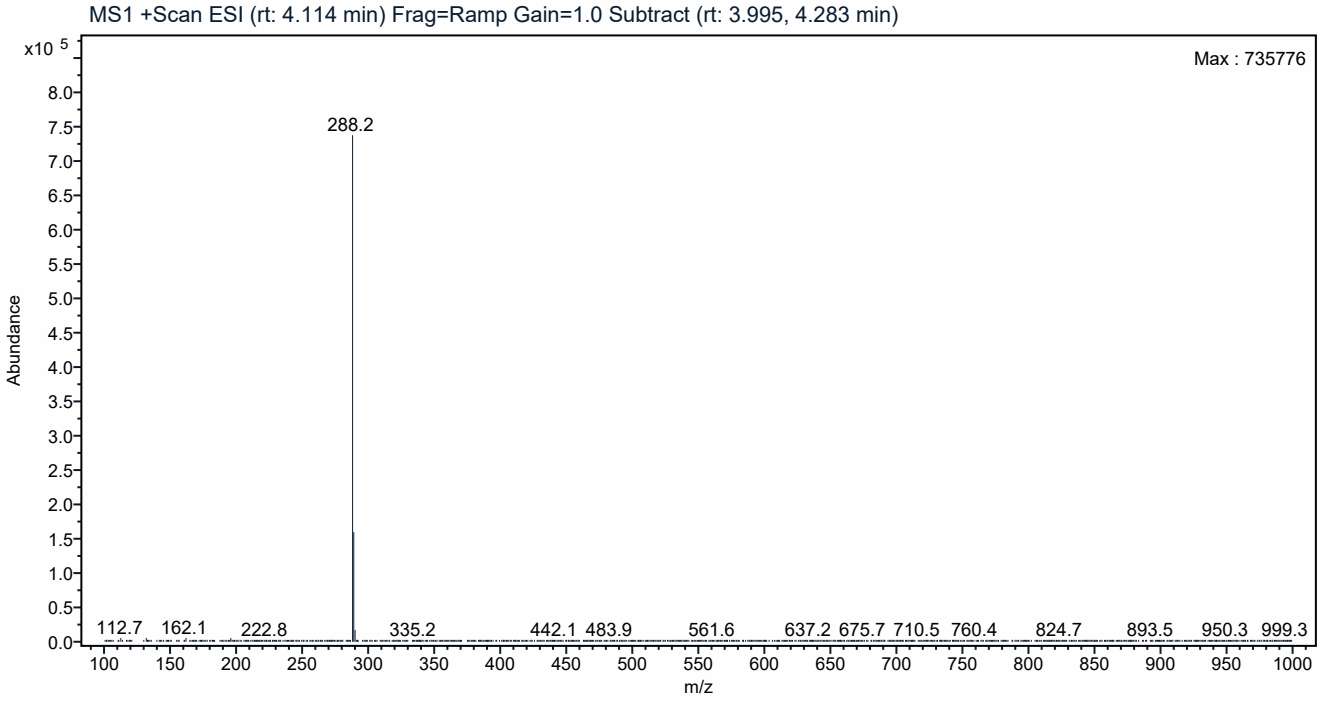
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(15).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-04 14:30:16-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\THC STD 26uL-mL in 2mLACN(15).sirslt

THCA Comparison STD 15



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.111

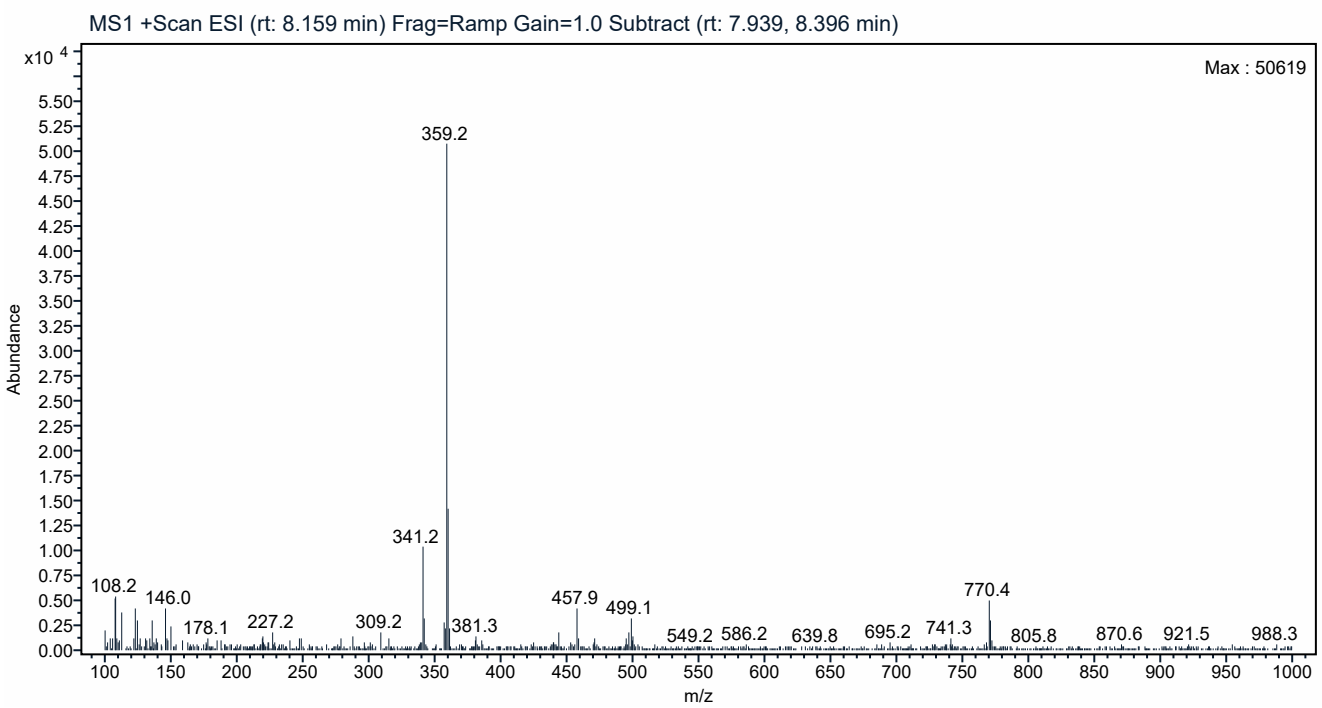


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(15).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-04 14:30:16-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\THC STD 26uL-mL in 2mLACN(15).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.159



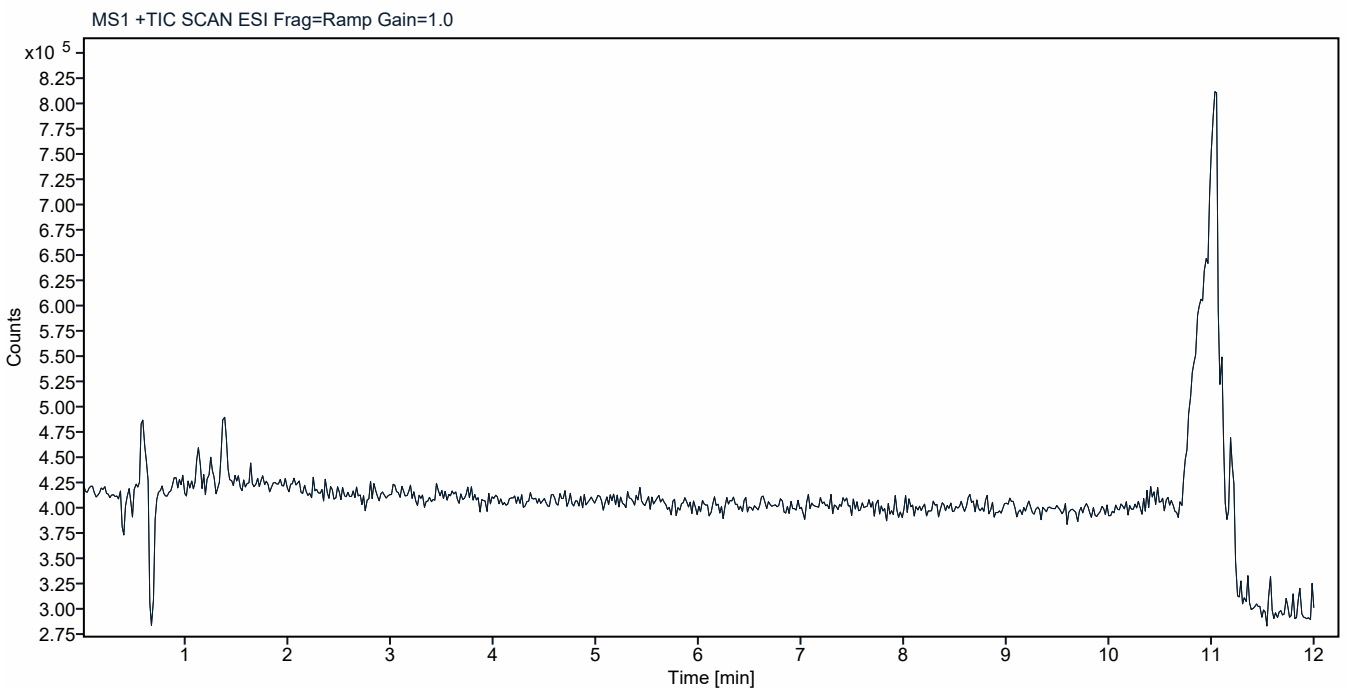
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.111	0.2981	5197759.4996	906676.1650	75.6181
8.159	0.4570	1675936.8118	145421.2510	24.3819

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL(16).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-04 14:57:28-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\Blank Comparsion THC STD ACN 26uL (16).sirslt

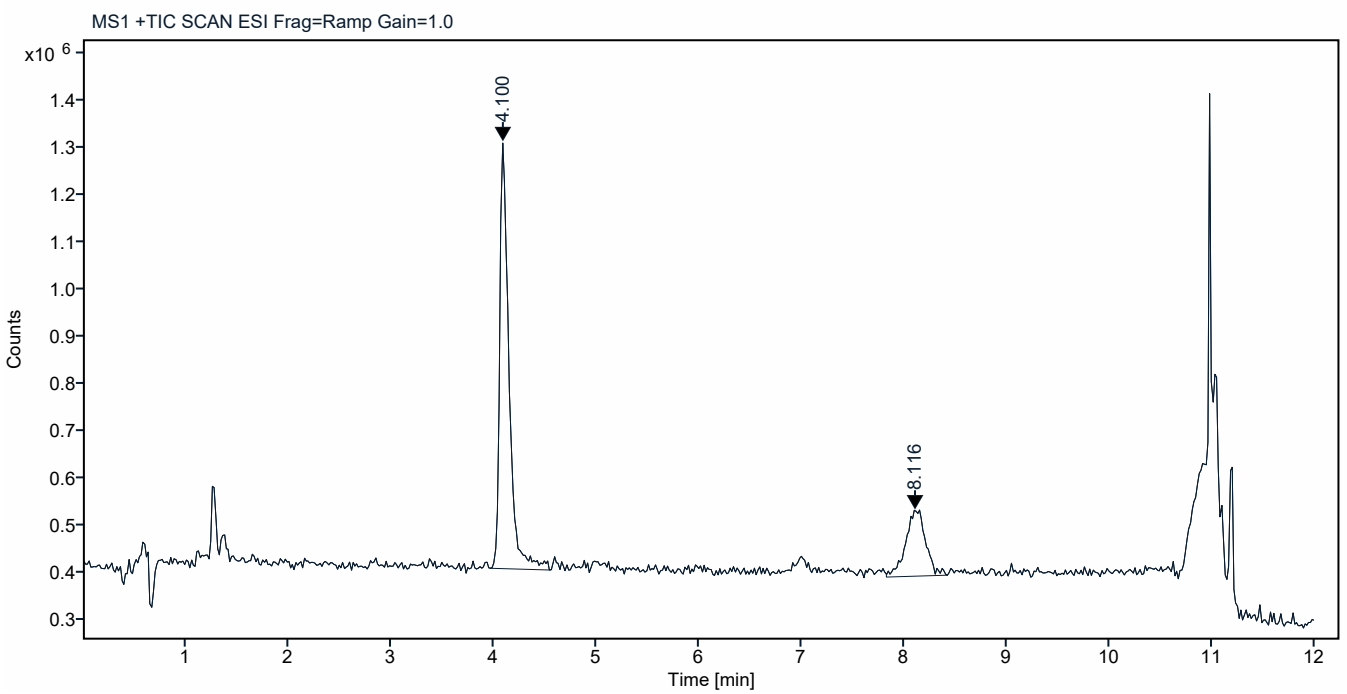


AK

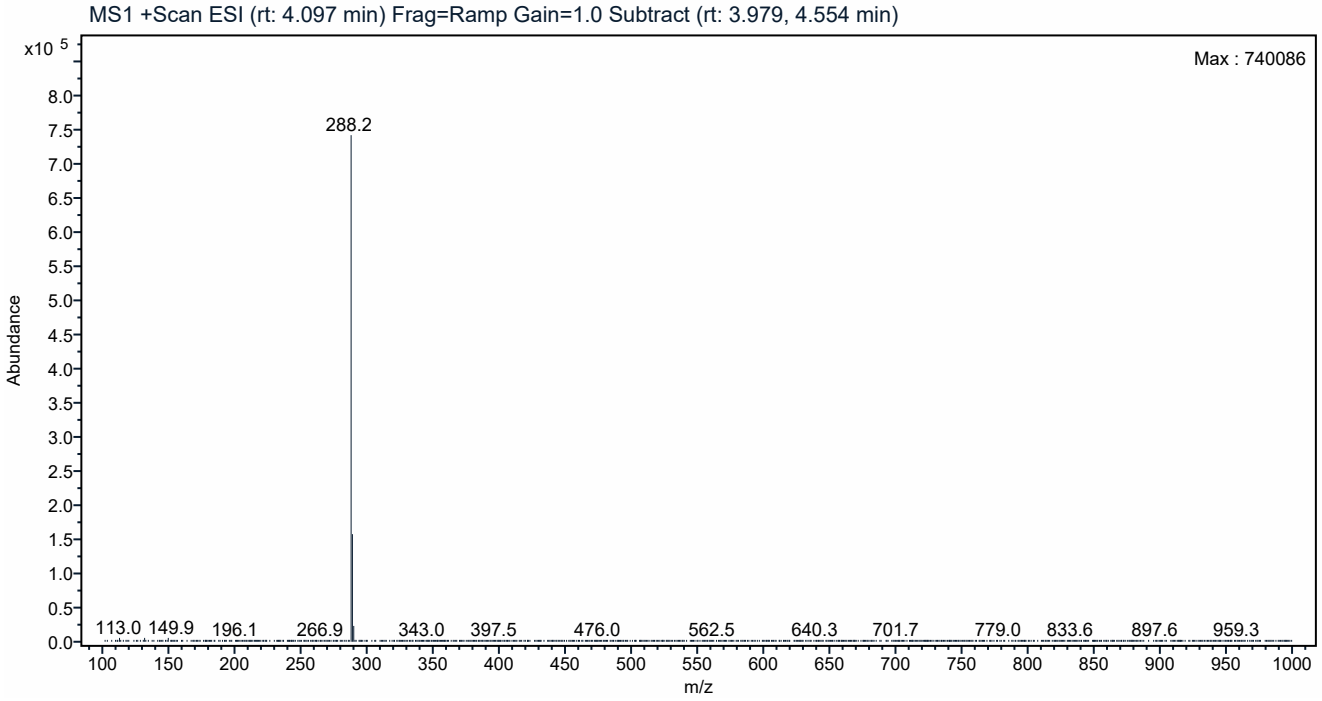
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(16).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-04 15:11:01-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\THC STD 26uL-mL in 2mLACN(16).sirslt

THCA Comparison STD 16



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.100

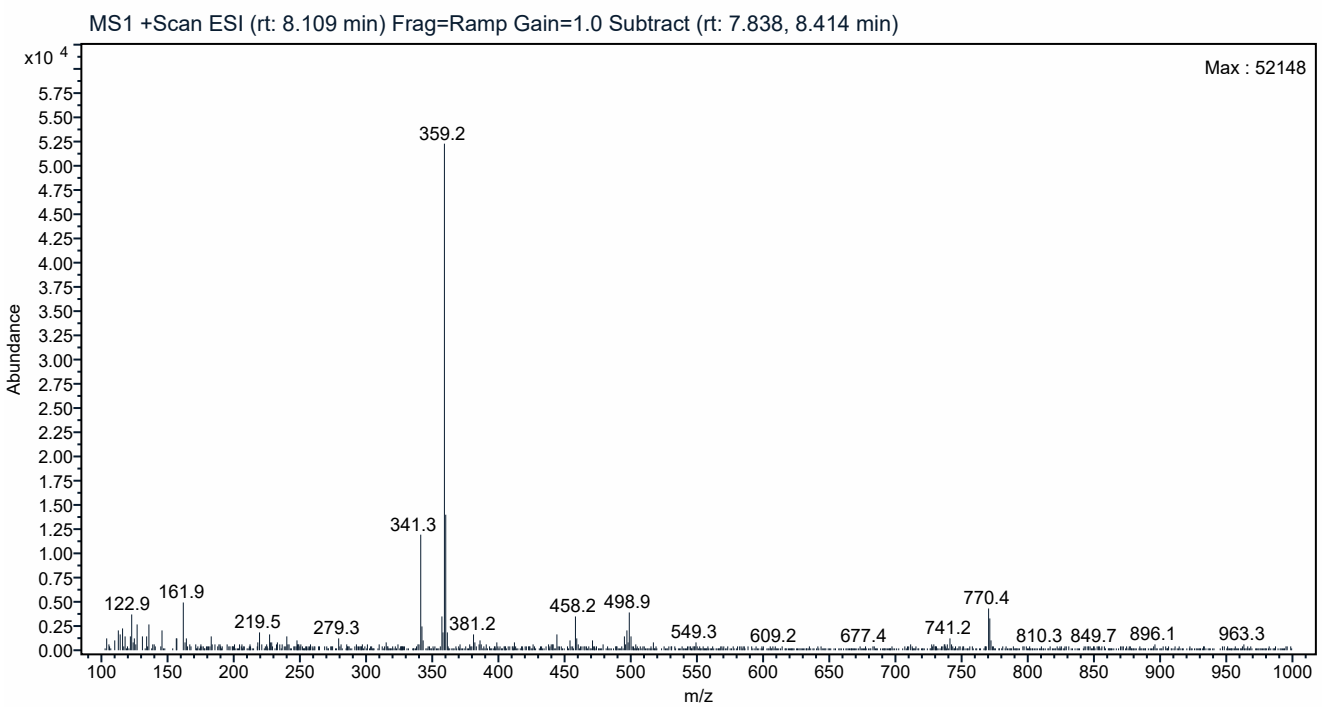


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(16).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-04 15:11:01-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\THC STD 26uL-mL in 2mLACN(16).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.116



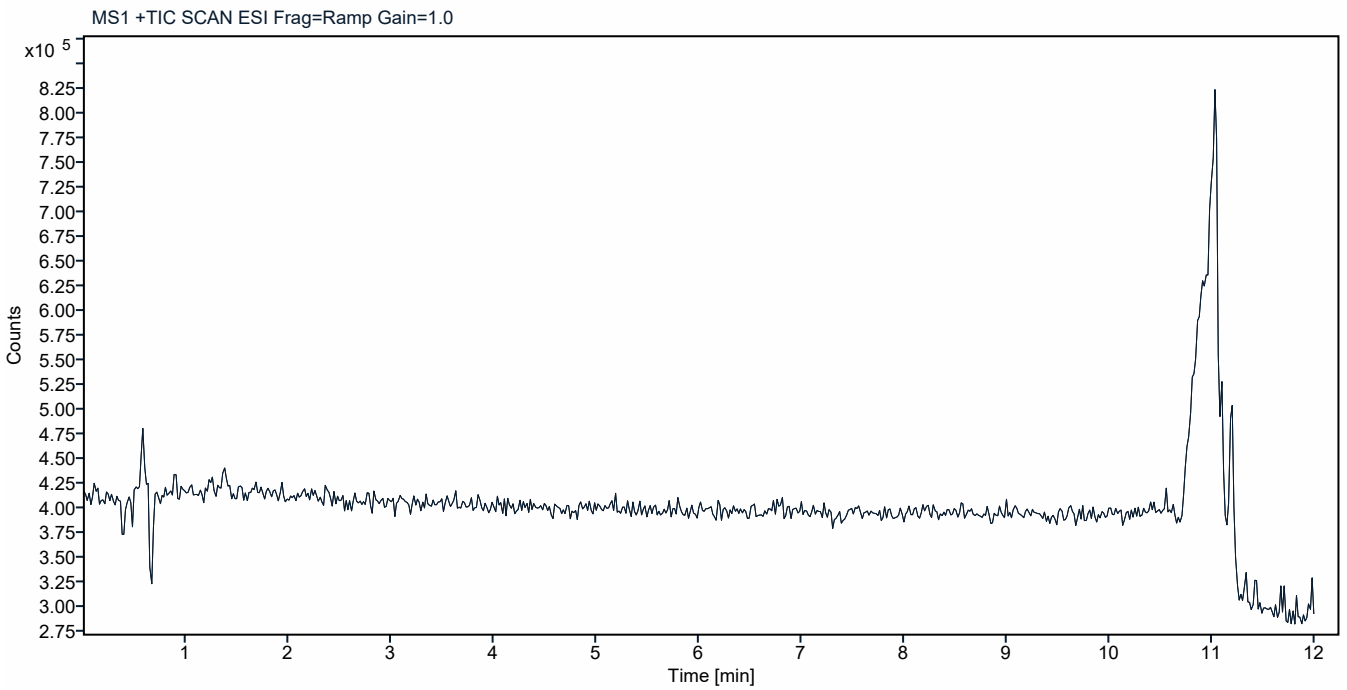
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.100	0.5836	5691210.3185	905127.5235	74.9503
8.116	0.5912	1902104.2852	141153.9612	25.0497

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL(17).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-04 15:38:14-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\Blank Comparsion THC STD ACN 26uL (17).sirslt

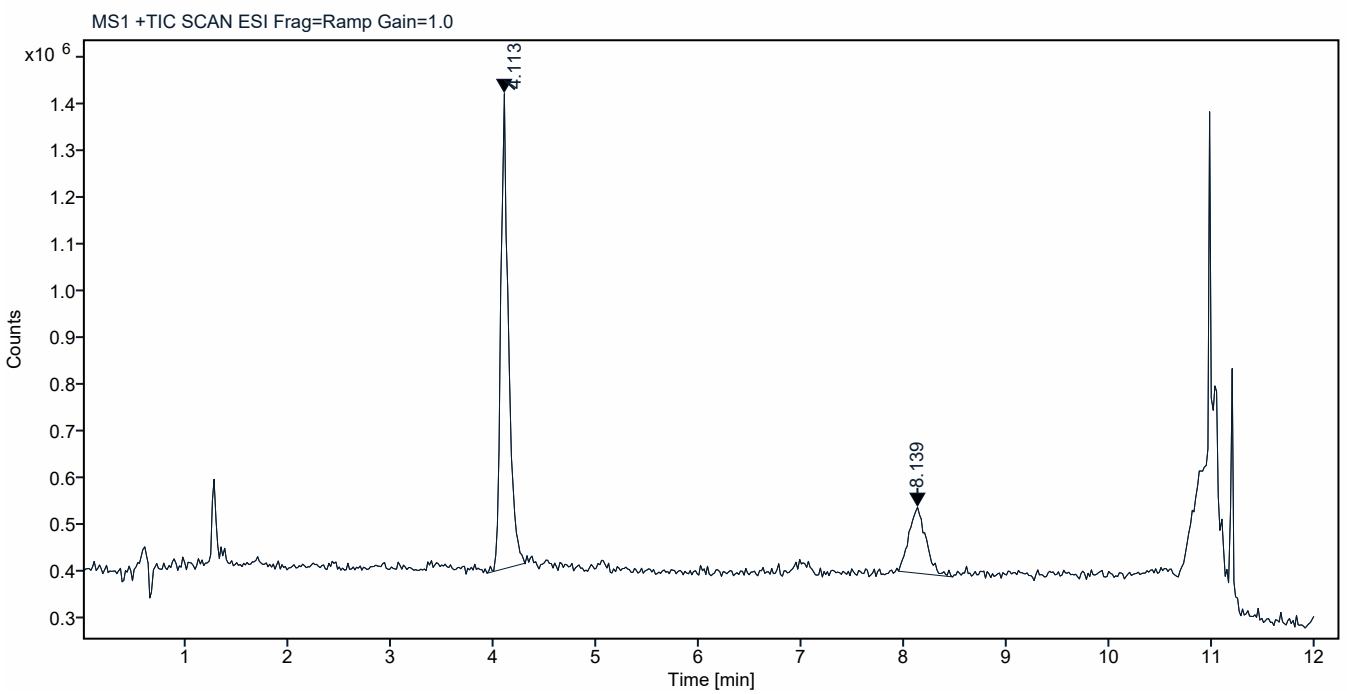


AK

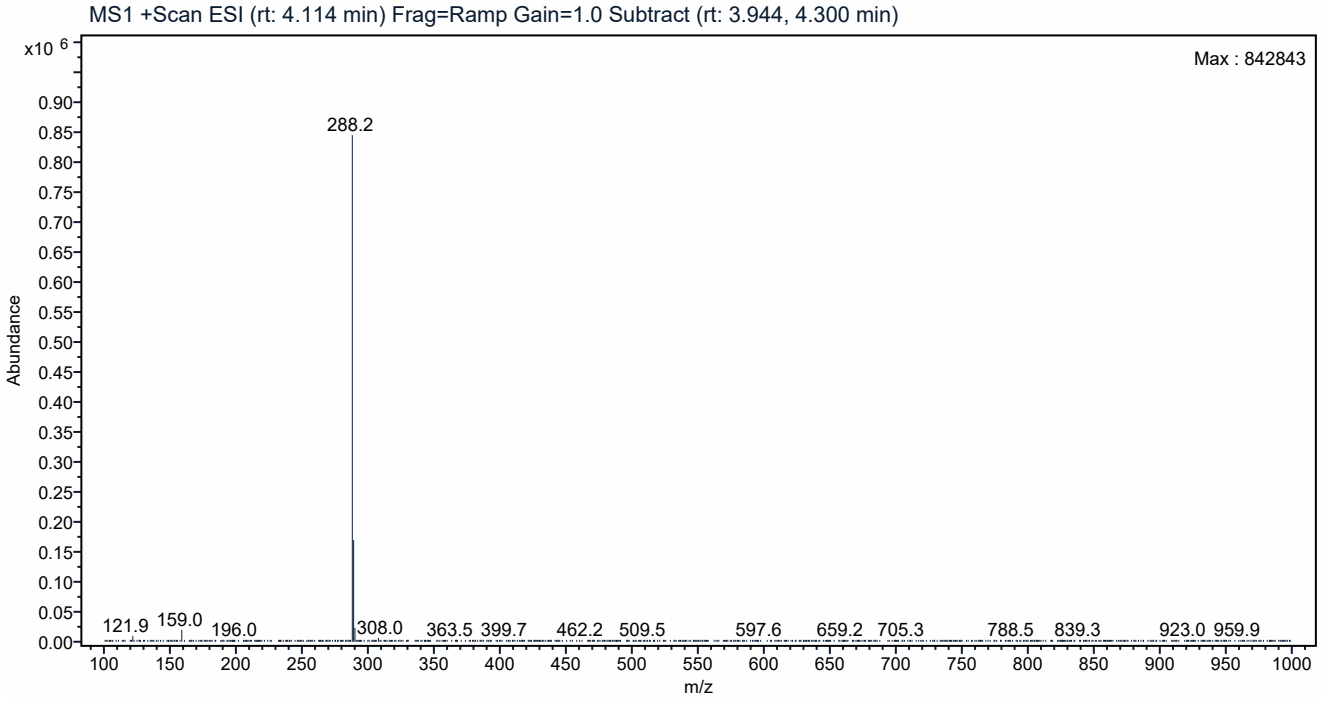
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(17).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-04 15:51:47-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\THC STD 26uL-mL in 2mLACN(17).sirslt

THCA Comparison STD 17



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.113

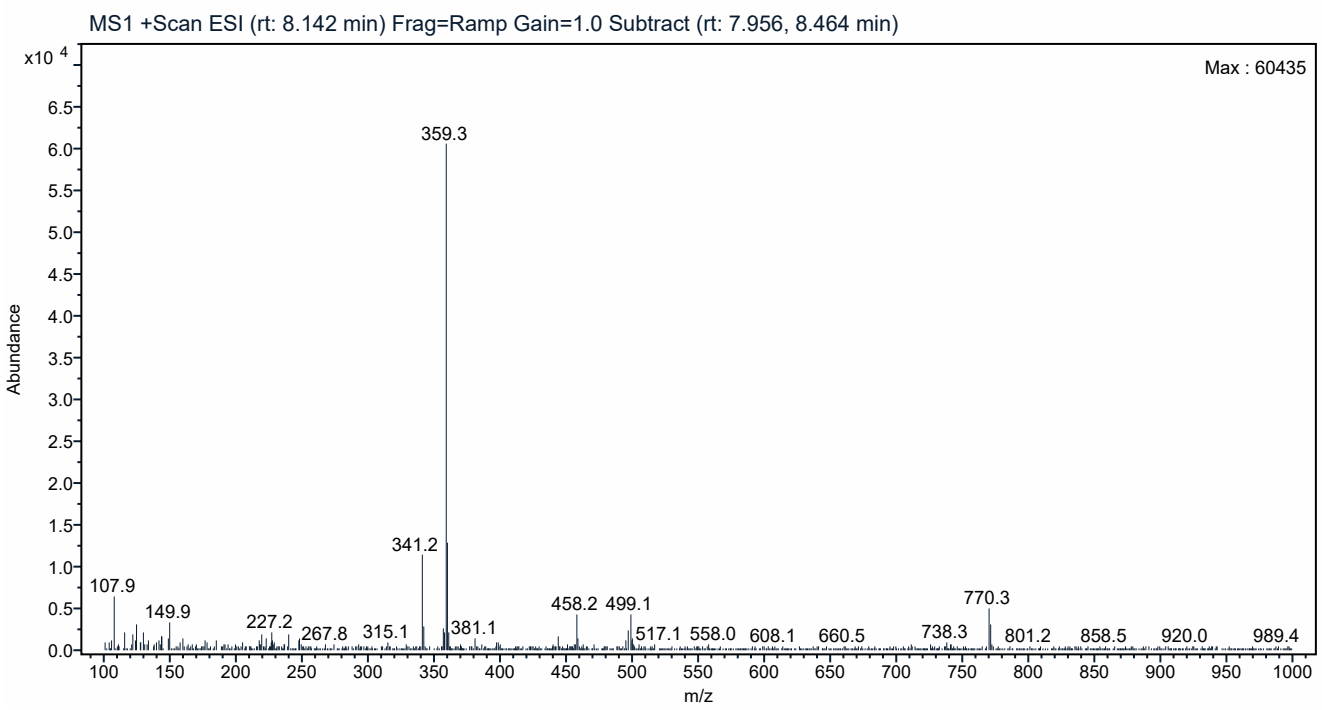


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(17).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-04 15:51:47-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\THC STD 26uL-mL in 2mLACN(17).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.139



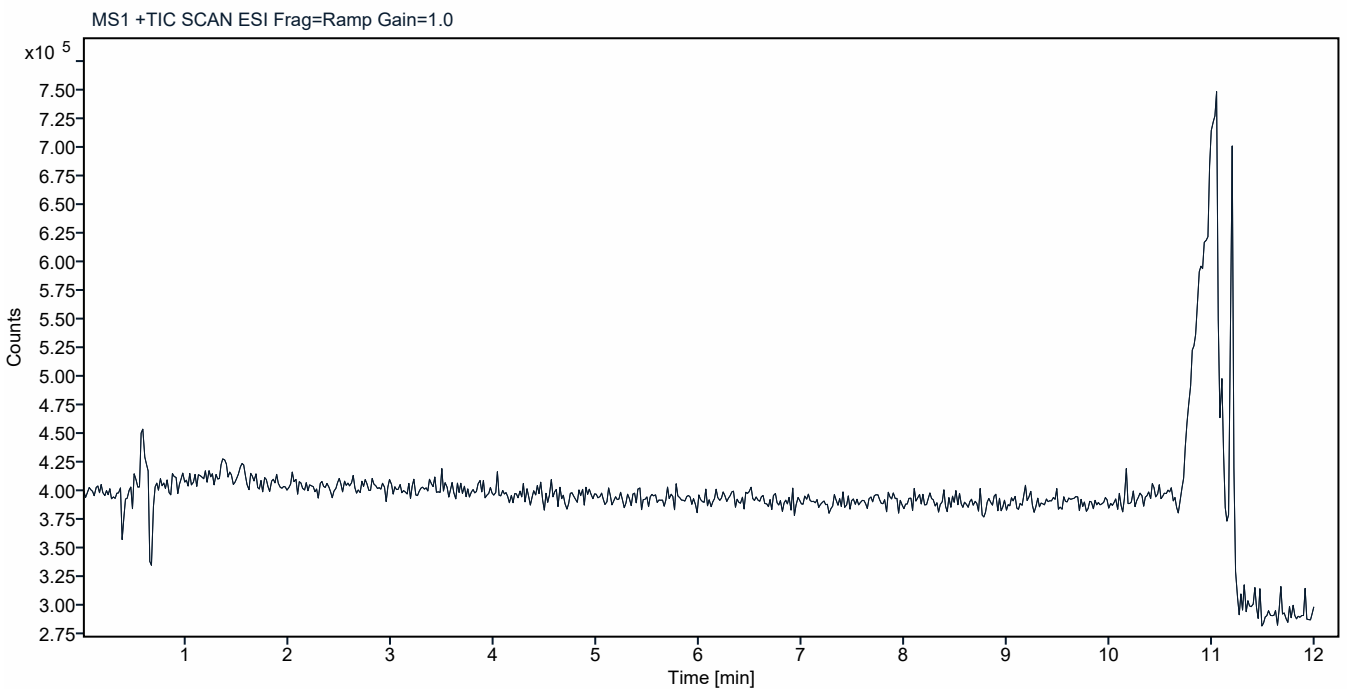
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.113	0.3705	5324720.4596	1017504.4753	76.7595
8.139	0.5230	1612170.4077	141375.9914	23.2405

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank THC STD ACN 26uL(18).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-04 16:18:58-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\Blank THC STD ACN 26uL(18).sirslt

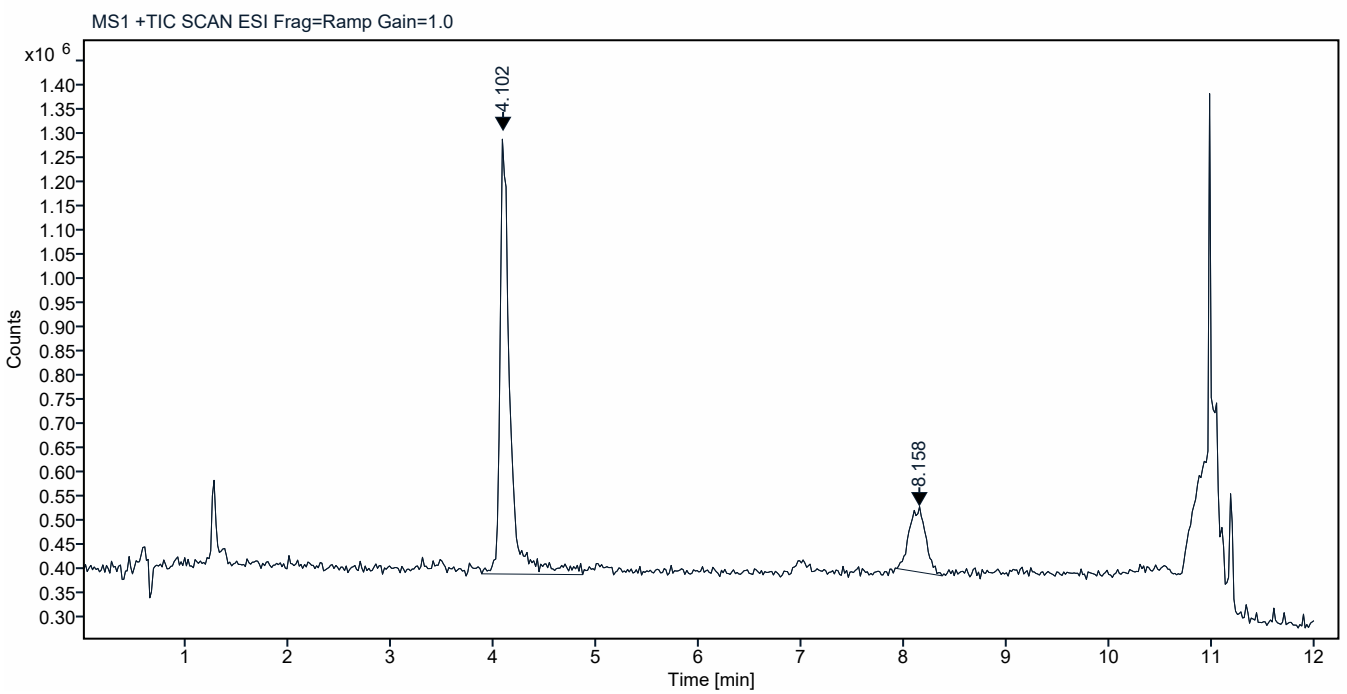


AK

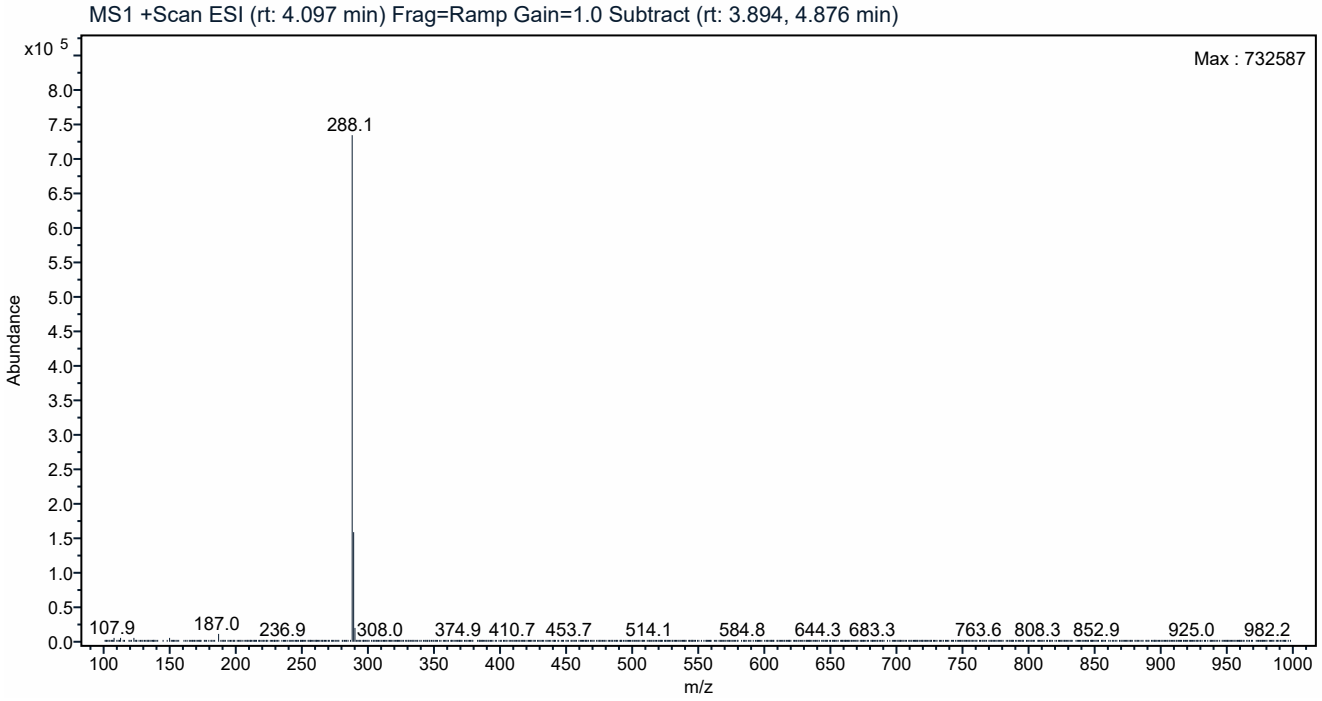
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(18).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-04 16:32:32-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\THC STD 26uL-mL in 2mLACN(18).sirslt

THCA Comparison STD 18



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.102

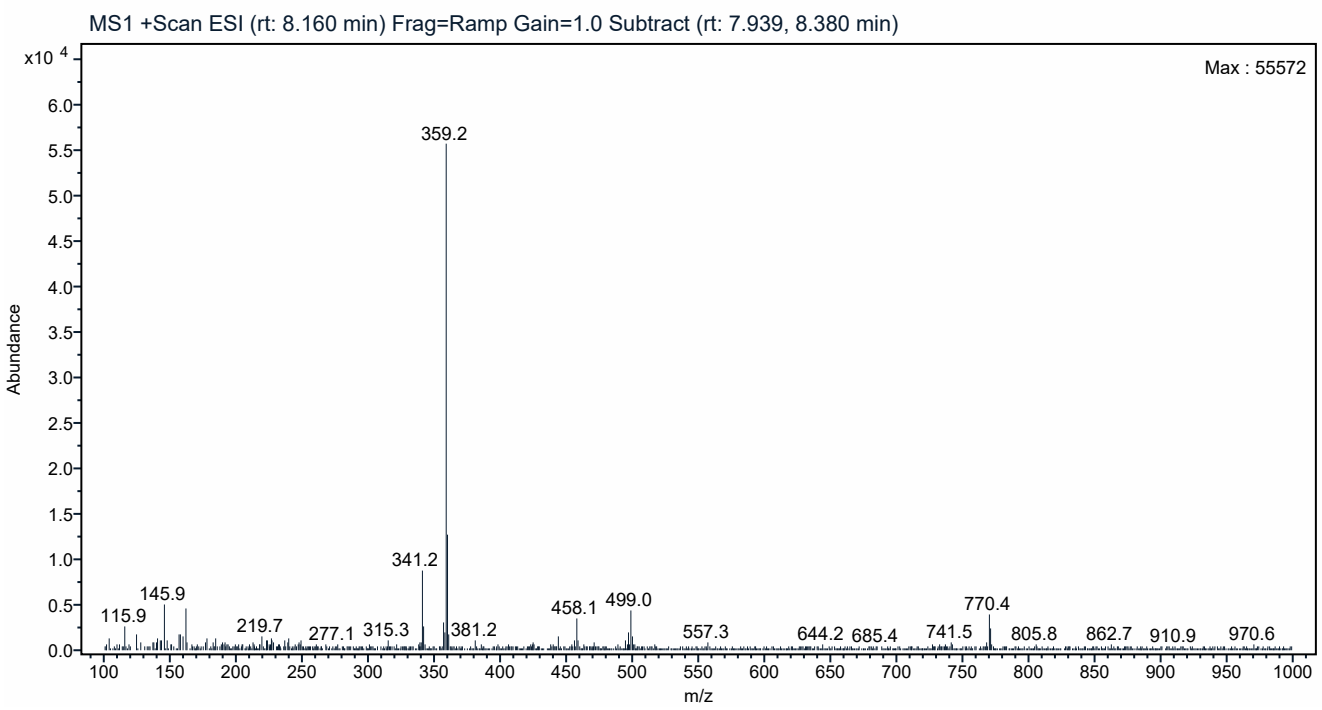


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(18).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-04 16:32:32-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\THC STD 26uL-mL in 2mLACN(18).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.158



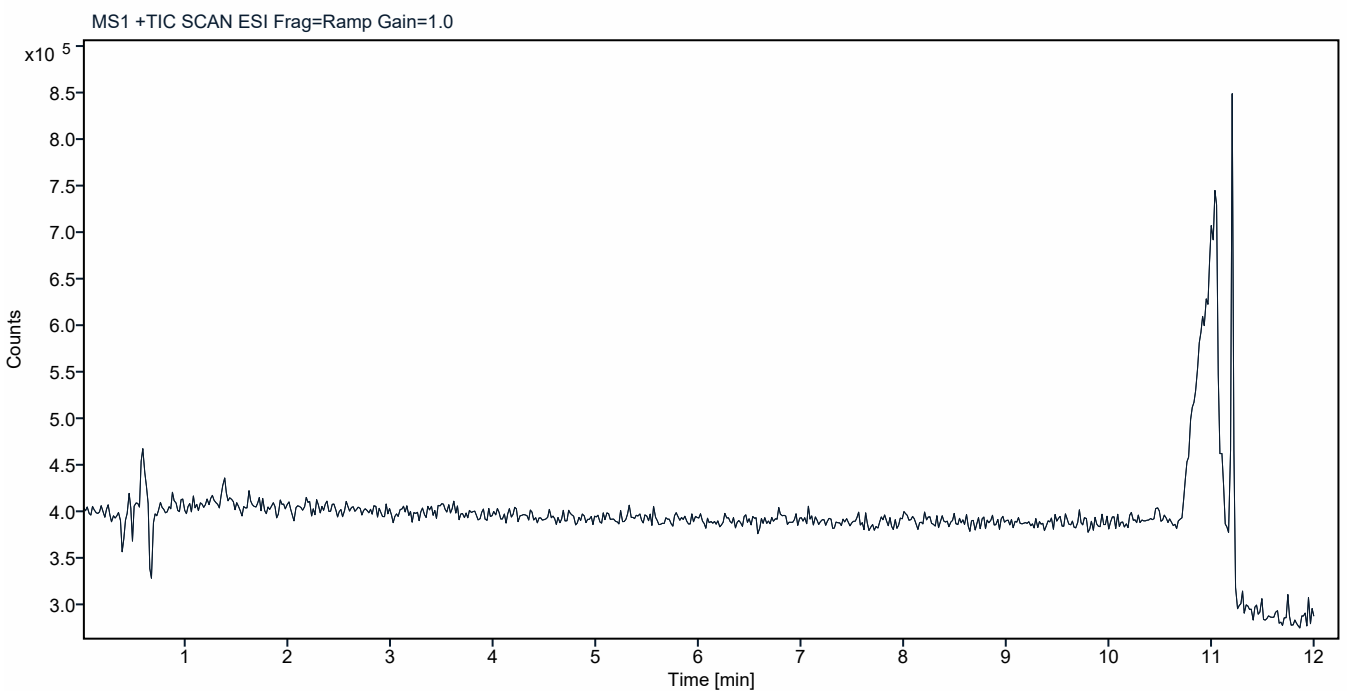
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.102	0.9818	6127228.5962	915740.7846	80.3475
8.158	0.4402	1498681.4965	135645.2427	19.6525

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank THC STD ACN 26uL(19).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-04 16:59:45-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\Blank THC STD ACN 26uL(19).sirslt

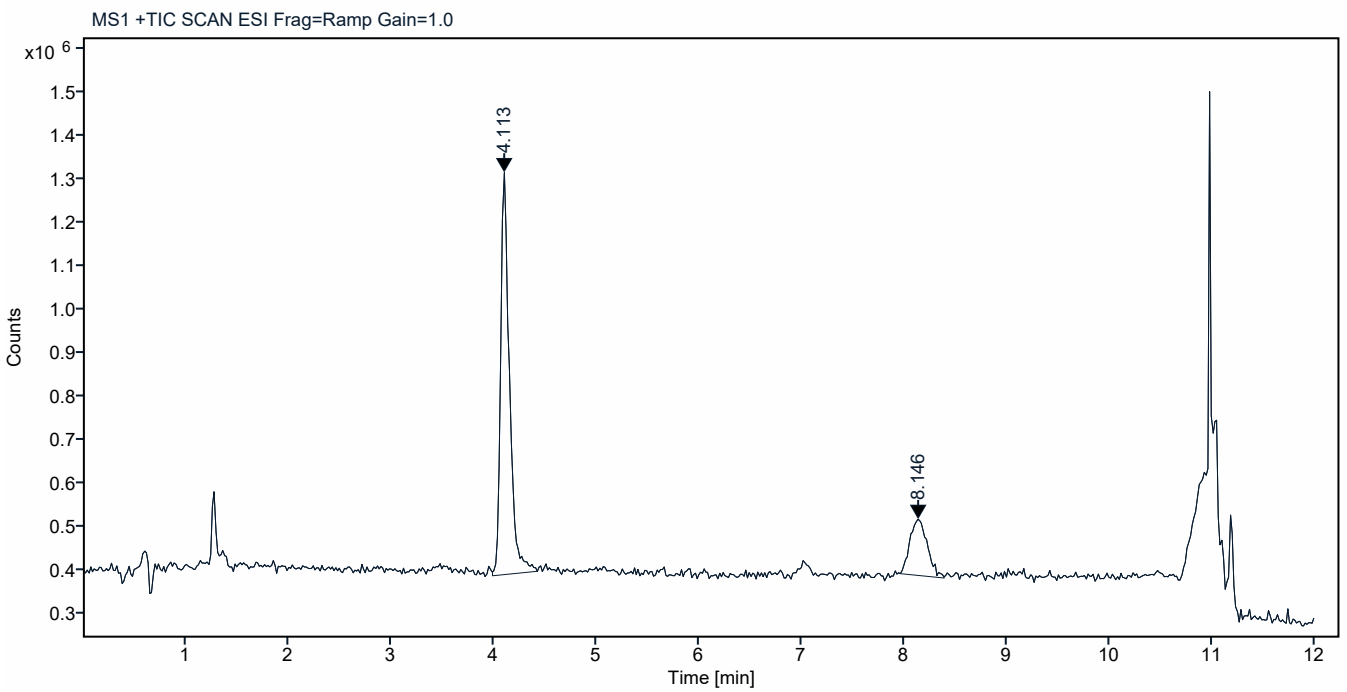


AK

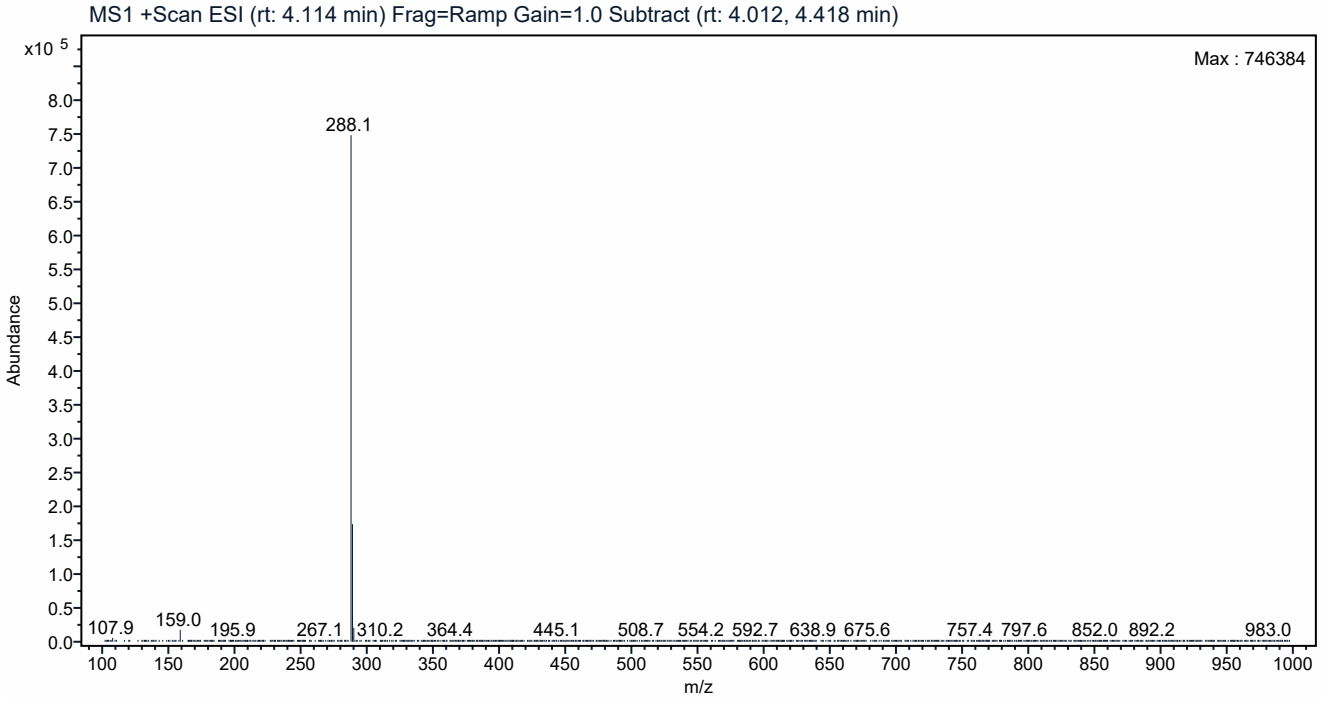
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(19).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-04 17:13:18-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\THC STD 26uL-mL in 2mLACN(19).sirslt

THCA Comparison STD 19



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.113

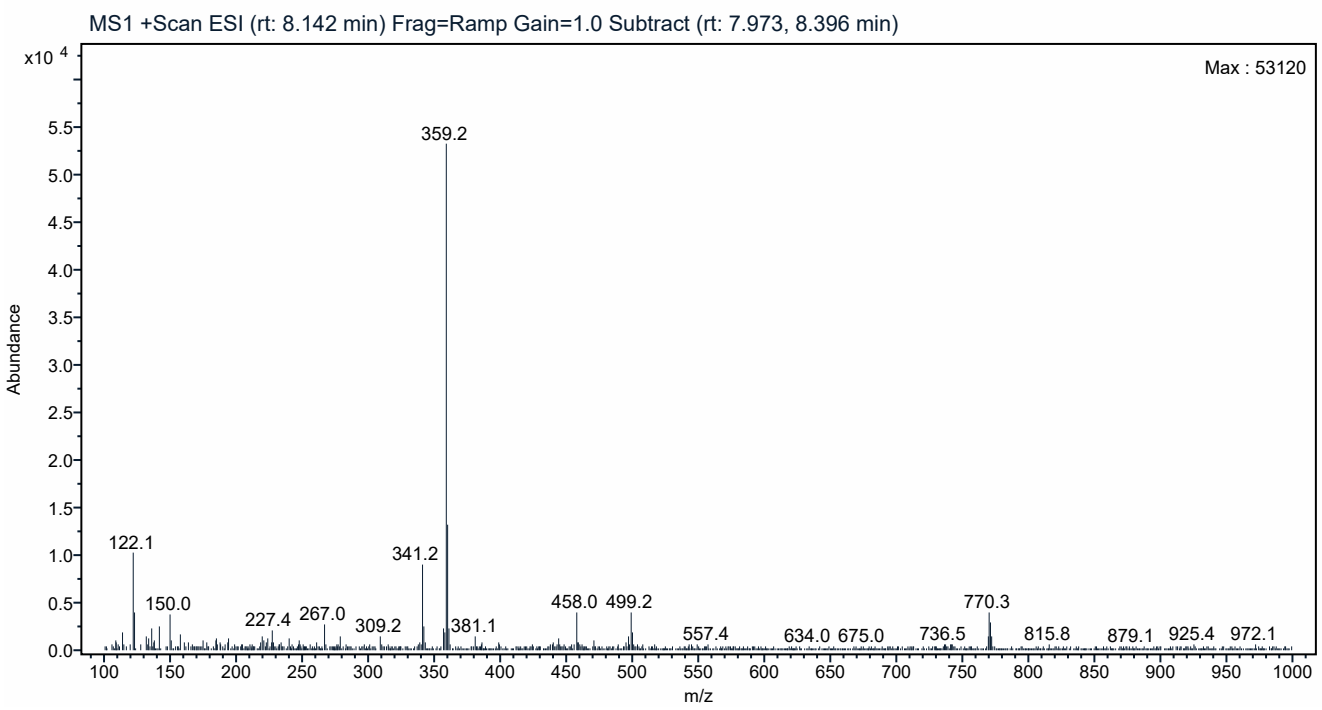


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(19).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-04 17:13:18-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\THC STD 26uL-mL in 2mLACN(19).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.146



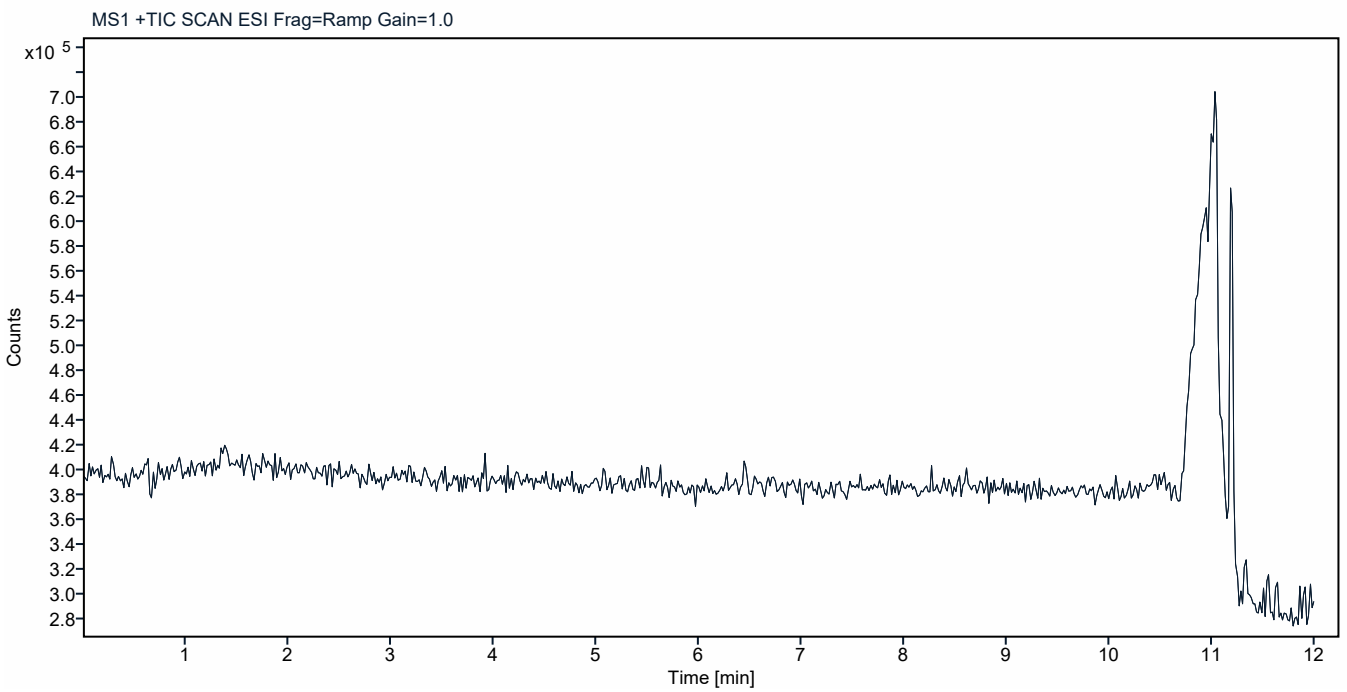
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.113	0.4356	5514814.2788	925699.9341	78.3992
8.146	0.4266	1519455.5930	129452.9458	21.6008

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank THC STD ACN 26uL (20).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-04 17:40:30-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\Blank THC STD ACN 26uL (20).sirslt

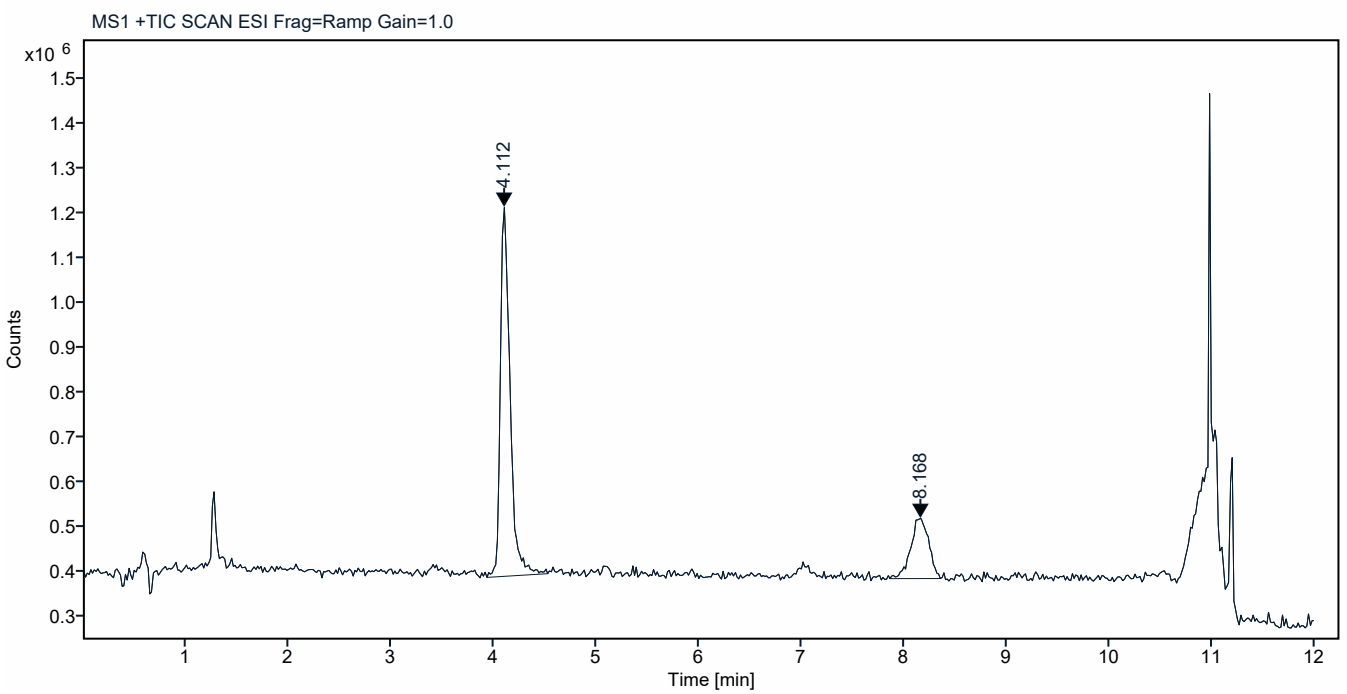


AK

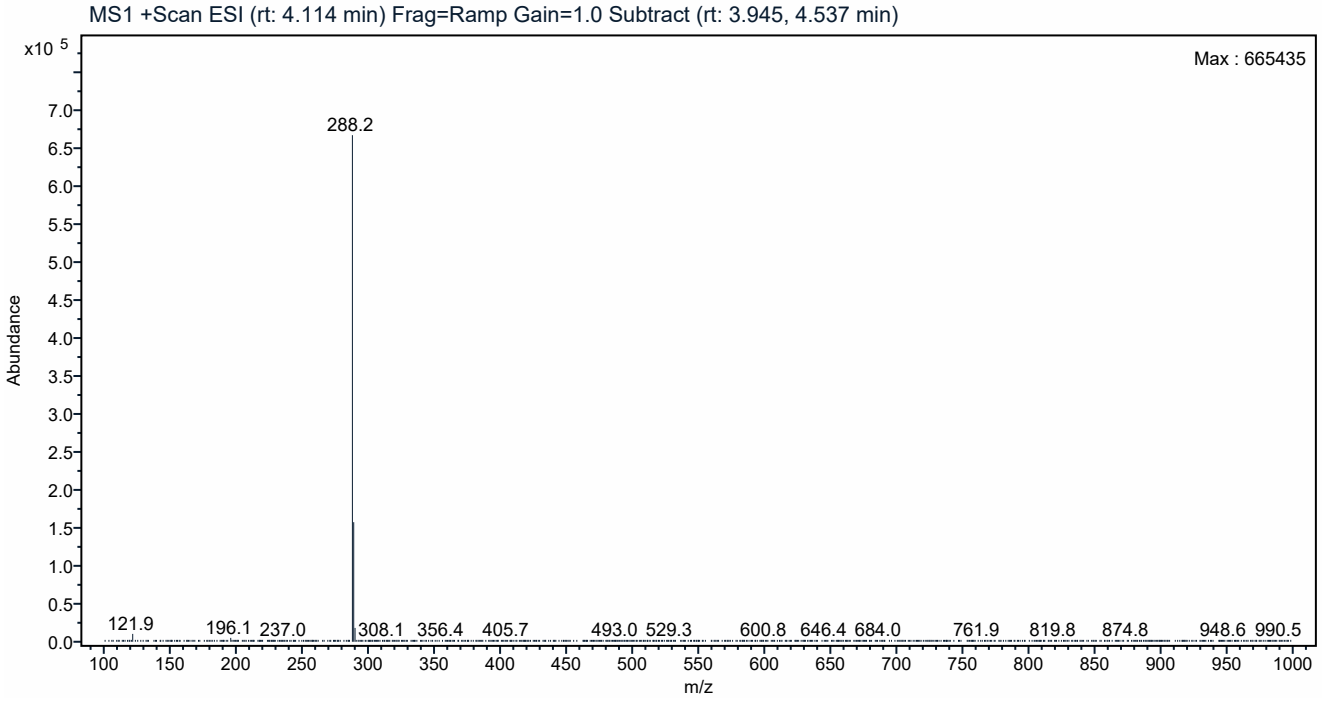
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(20).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-04 17:54:04-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\THC STD 26uL-mL in 2mLACN(20).sirslt

THCA Comparison STD 20



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.112

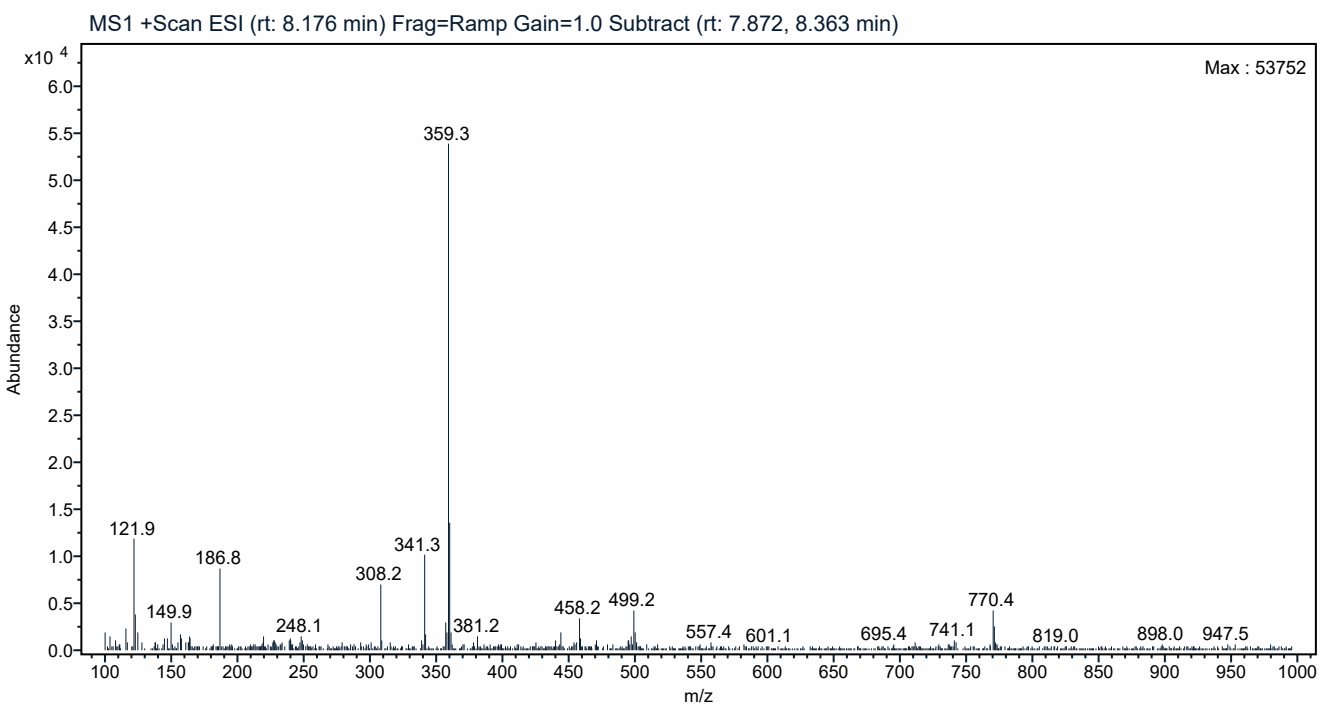


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(20).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-04 17:54:04-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\THC STD 26uL-mL in 2mLACN(20).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.168



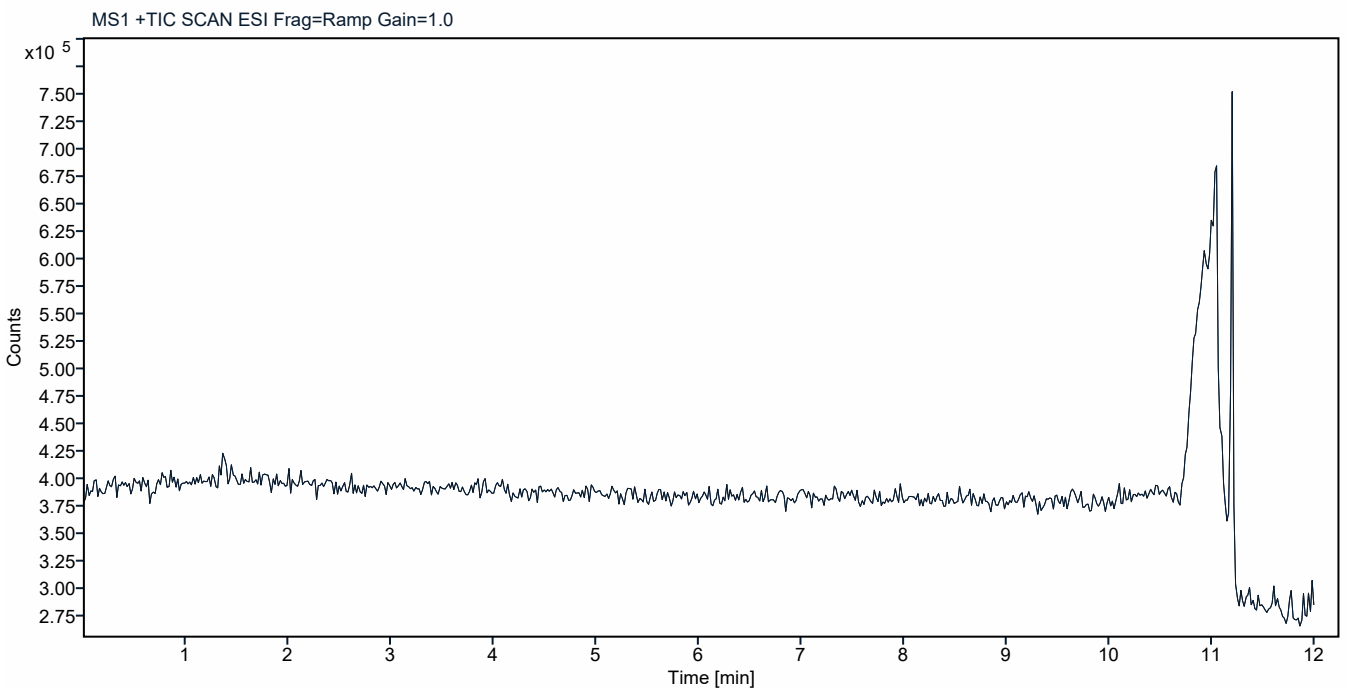
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.112	0.5925	5416938.2820	824364.8162	76.6862
8.168	0.4909	1646837.0233	134851.6947	23.3138

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank THC STD ACN 26uL (21).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-04 18:21:16-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\Blank THC STD ACN 26uL (21).sirslt

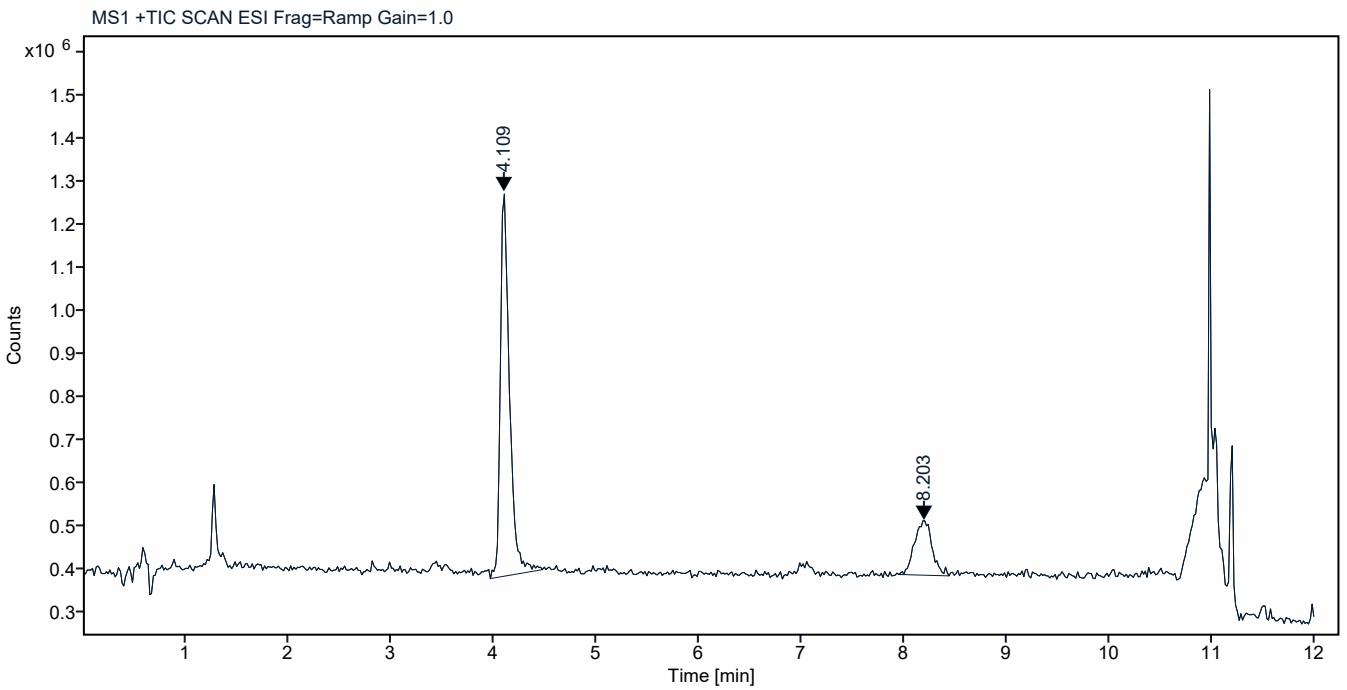


AK

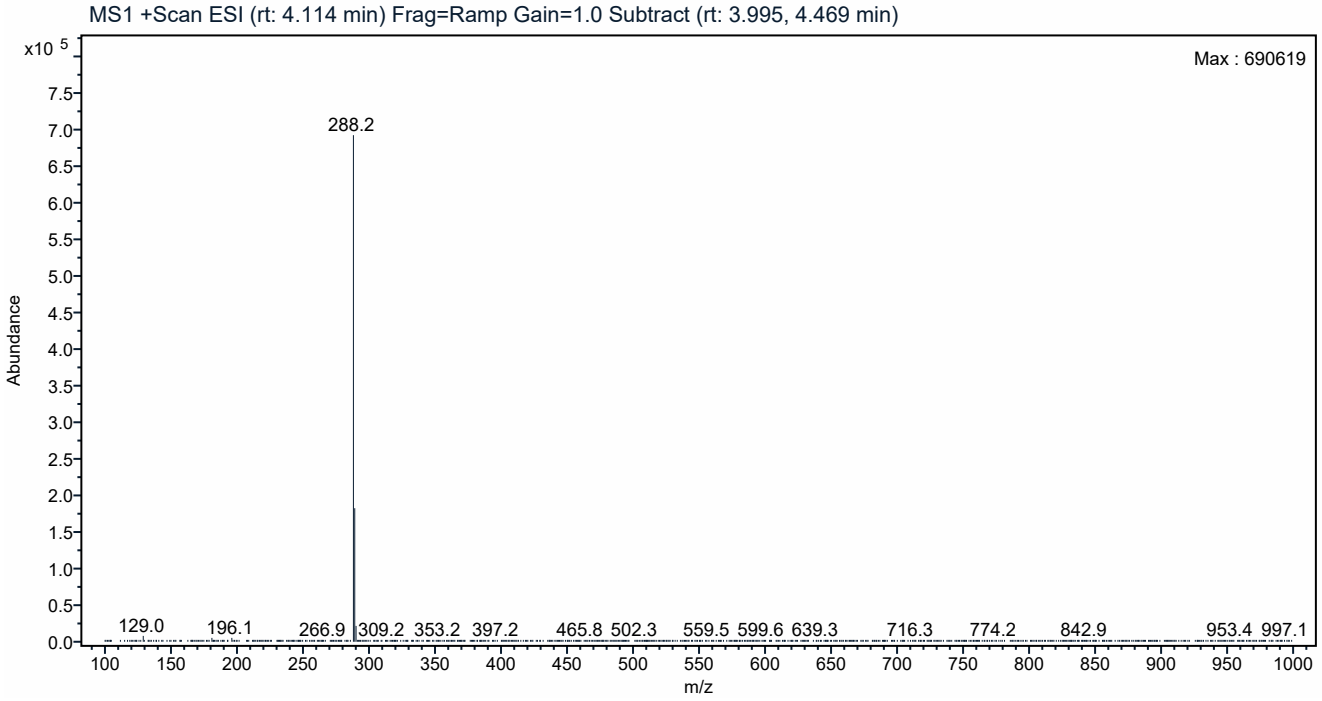
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(21).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-04 18:34:50-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\THC STD 26uL-mL in 2mLACN(21).sirslt

THCA Comparison STD 21



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.109

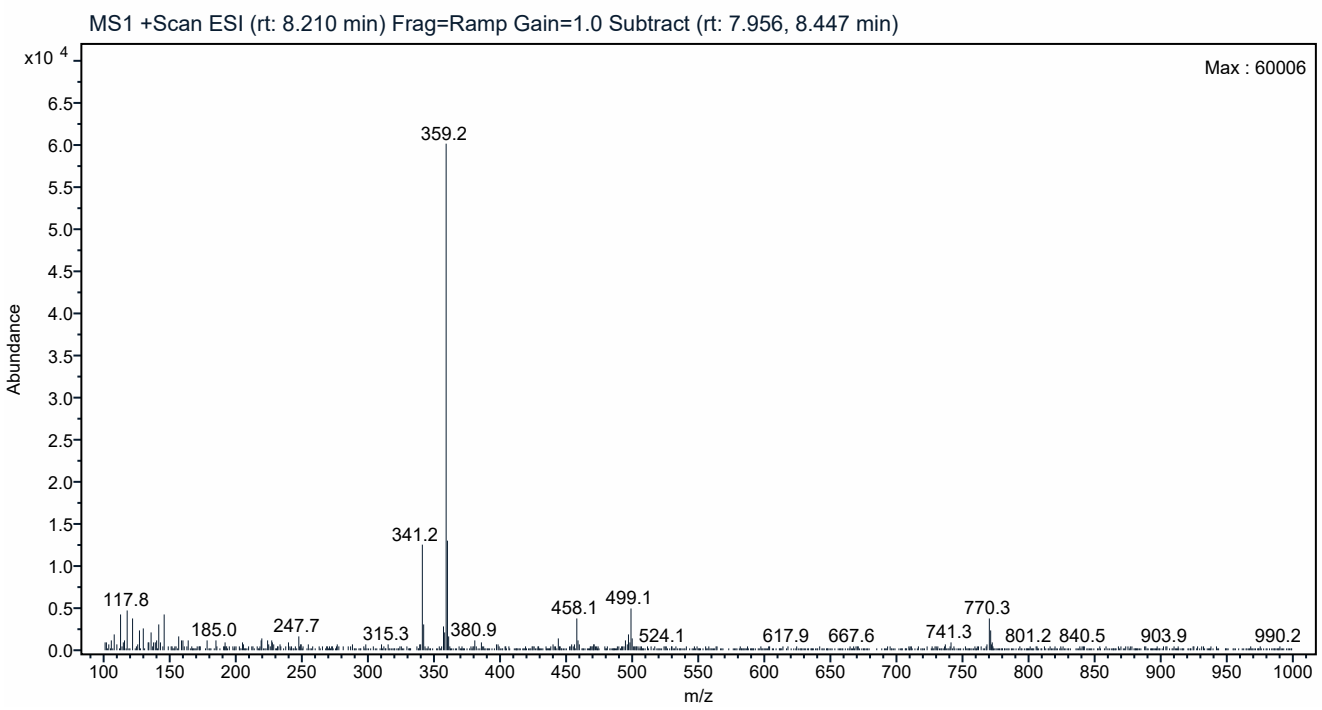


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(21).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-04 18:34:50-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\THC STD 26uL-mL in 2mLACN(21).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.203



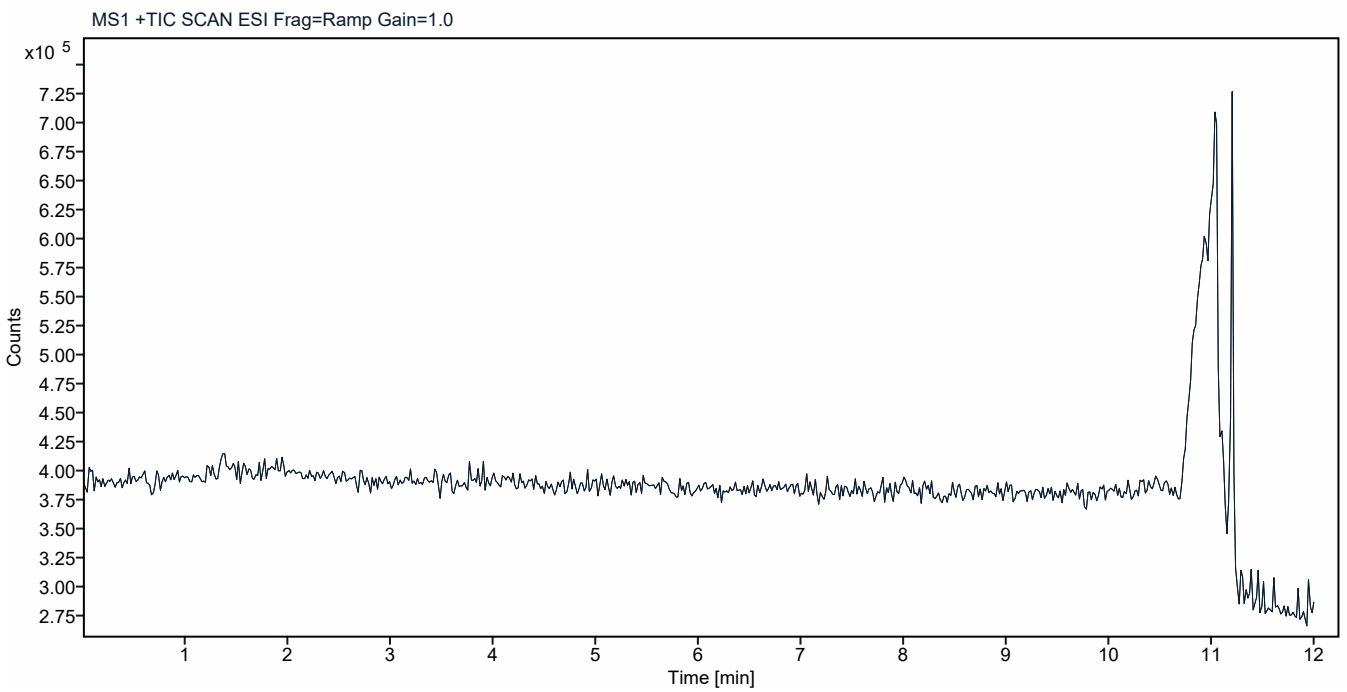
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.109	0.5073	5510044.0503	893798.7763	78.3593
8.203	0.4909	1521728.1653	128011.6644	21.6407

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank THC STD ACN 26uL (22).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-04 19:02:02-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\Blank THC STD ACN 26uL (22).sirslt

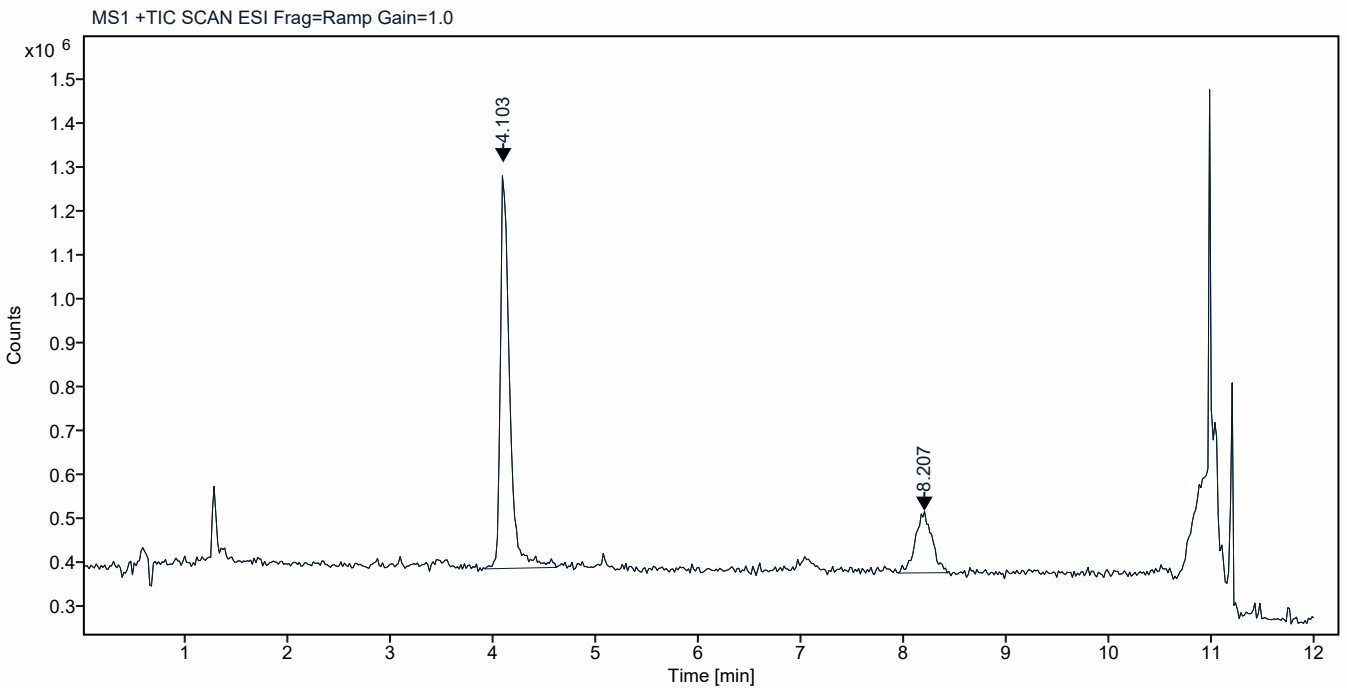


AK

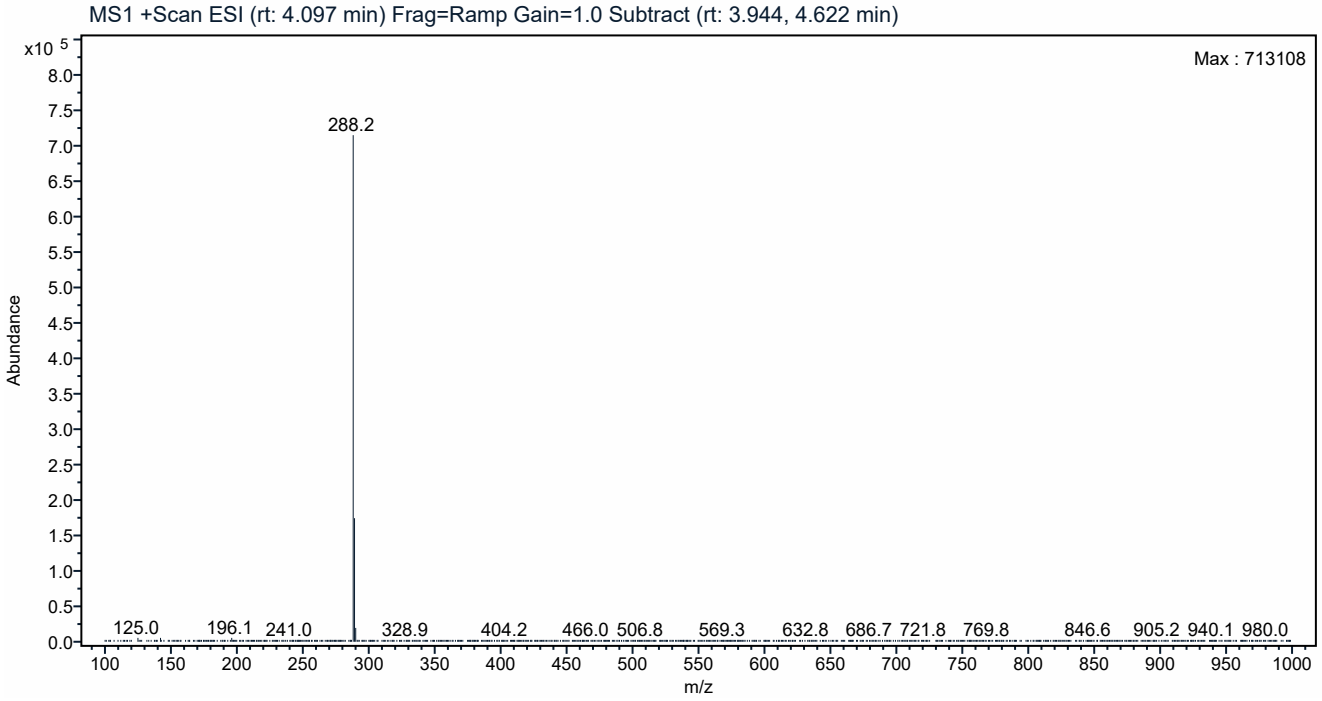
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(22).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-04 19:15:36-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\THC STD 26uL-mL in 2mLACN(22).sirslt

THCA Comparison STD 22



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.103

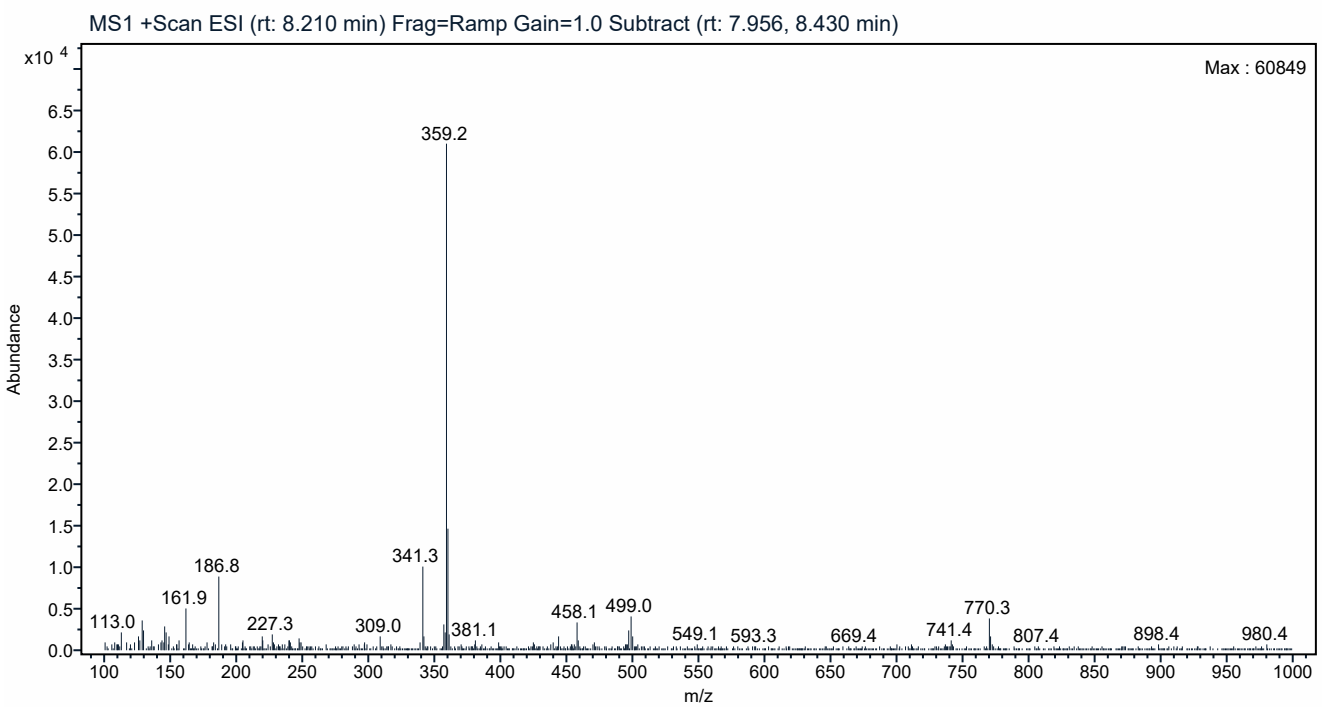


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(22).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-04 19:15:36-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\THC STD 26uL-mL in 2mLACN(22).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.207



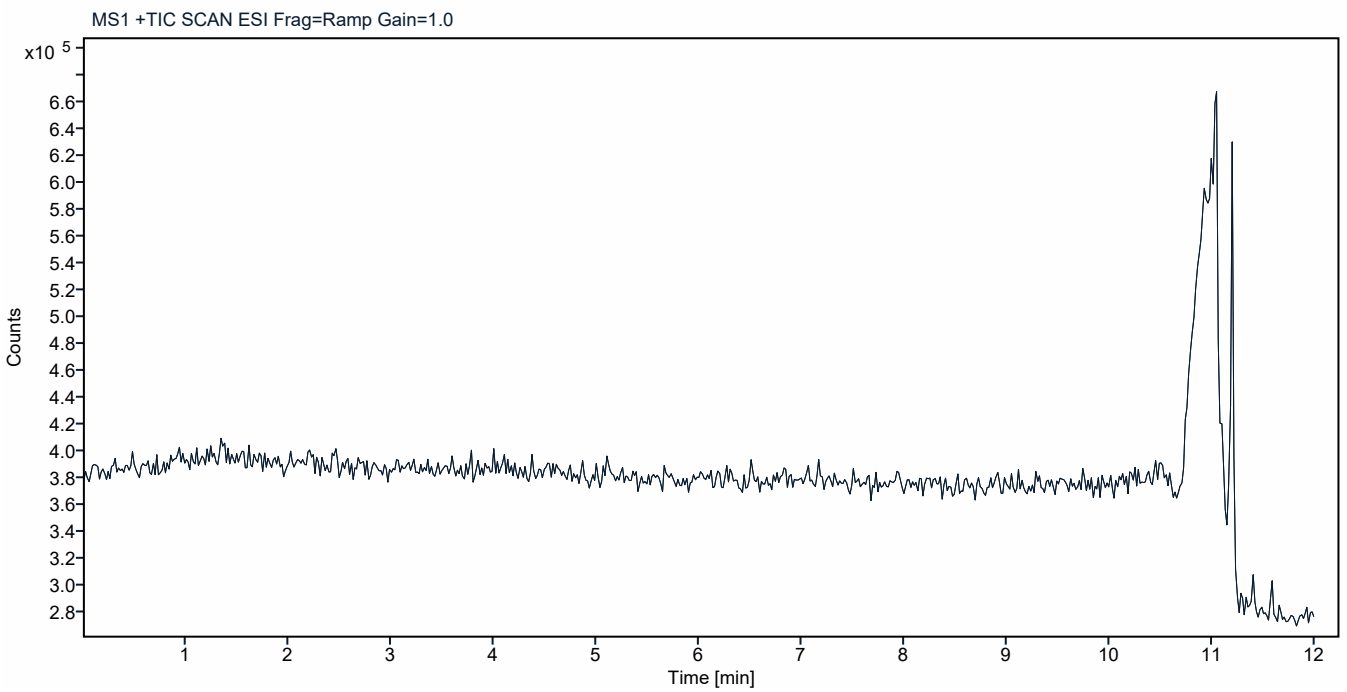
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.103	0.6940	5662145.8767	924683.2717	78.3681
8.207	0.4773	1562914.3457	140716.1045	21.6319

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL(23).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-04 19:42:48-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\Blank Comparsion THC STD ACN 26uL (23).sirslt

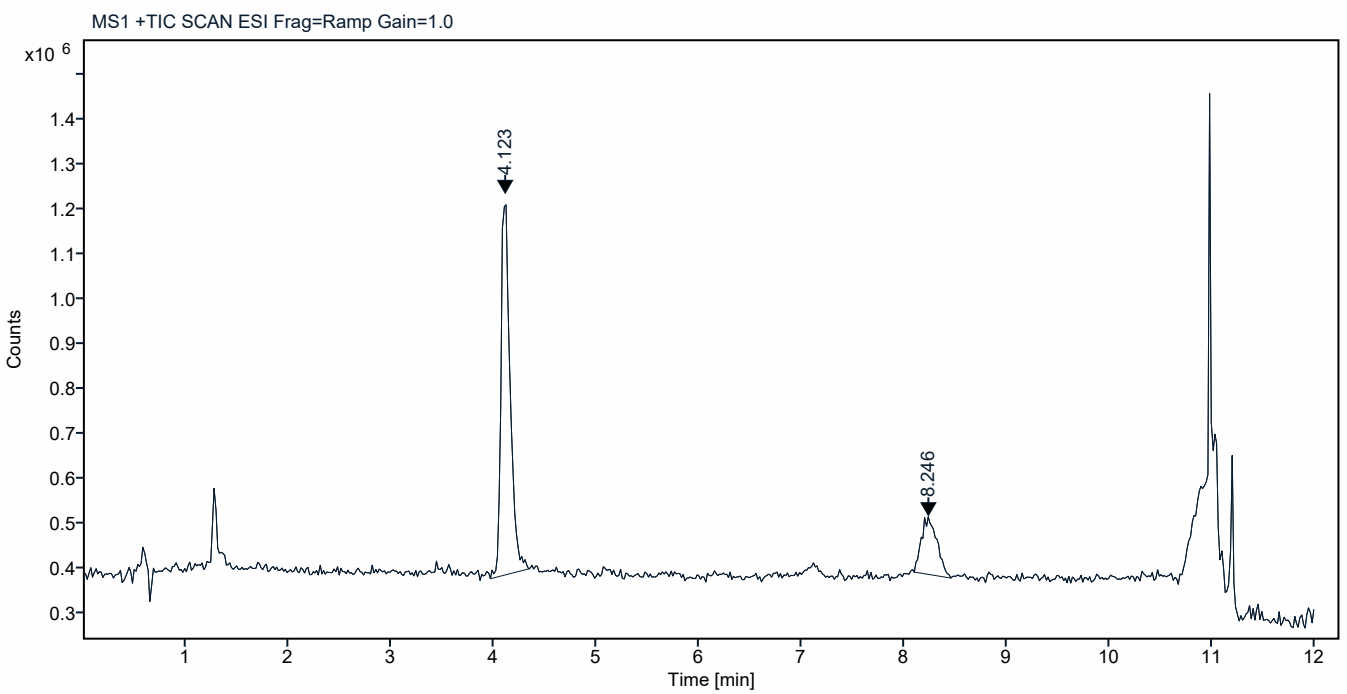


AK

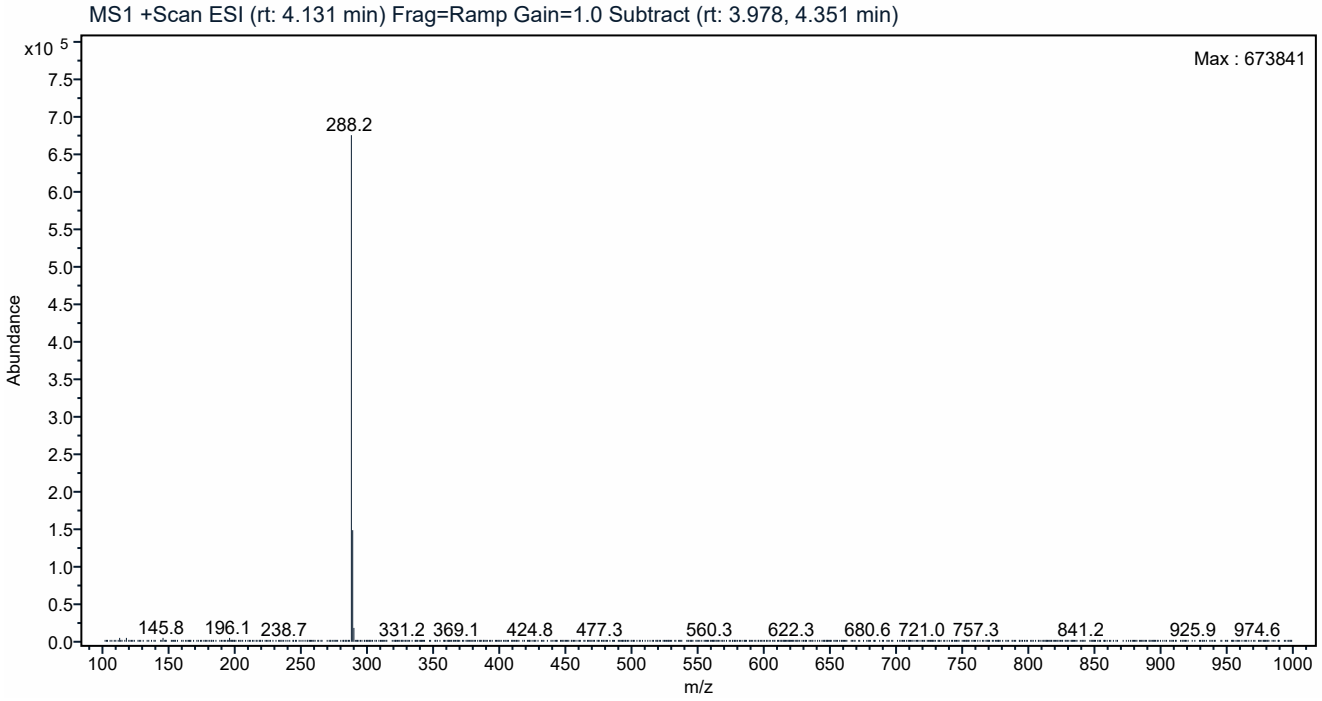
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(23).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-04 19:56:22-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\THC STD 26uL-mL in 2mLACN(23).sirslt

THCA Comparison STD 23



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.123

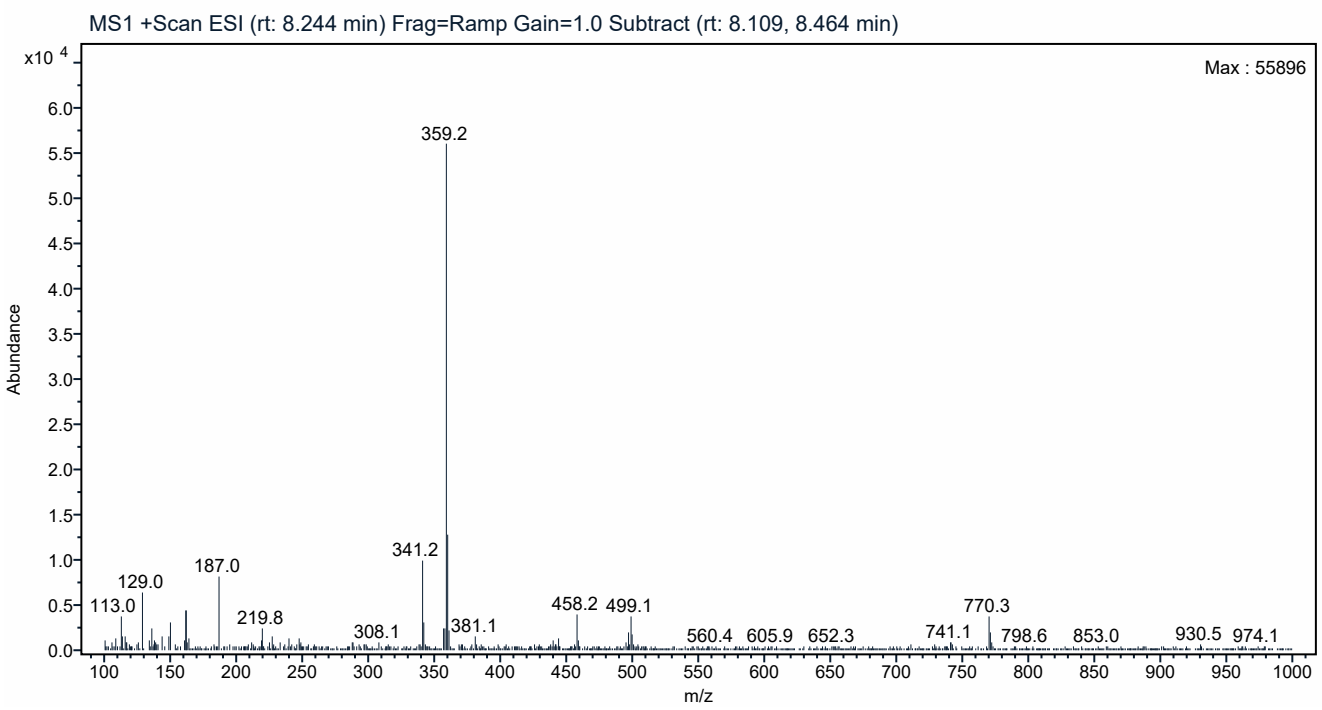


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(23).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-04 19:56:22-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-4-24\THC STD 26uL-mL in 2mLACN(23).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.246



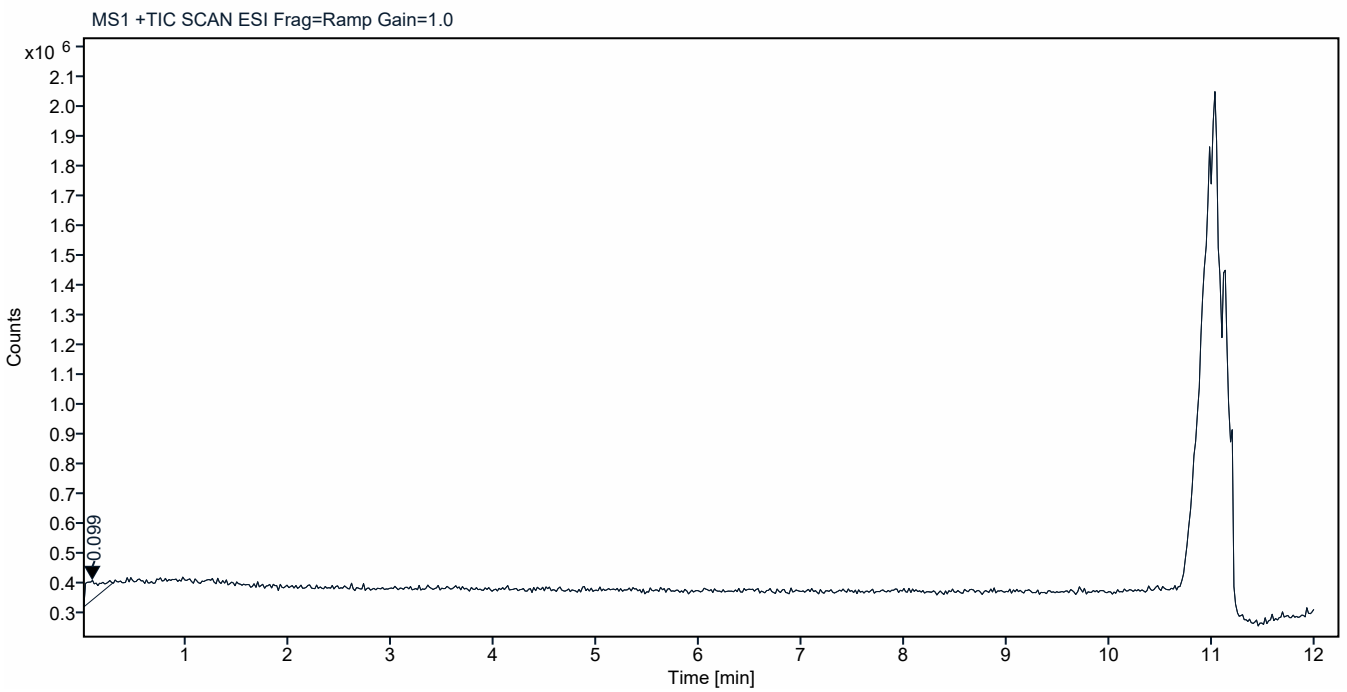
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.123	0.3724	5163172.7146	848042.0205	79.2937
8.246	0.3575	1348283.1306	128616.0300	20.7063

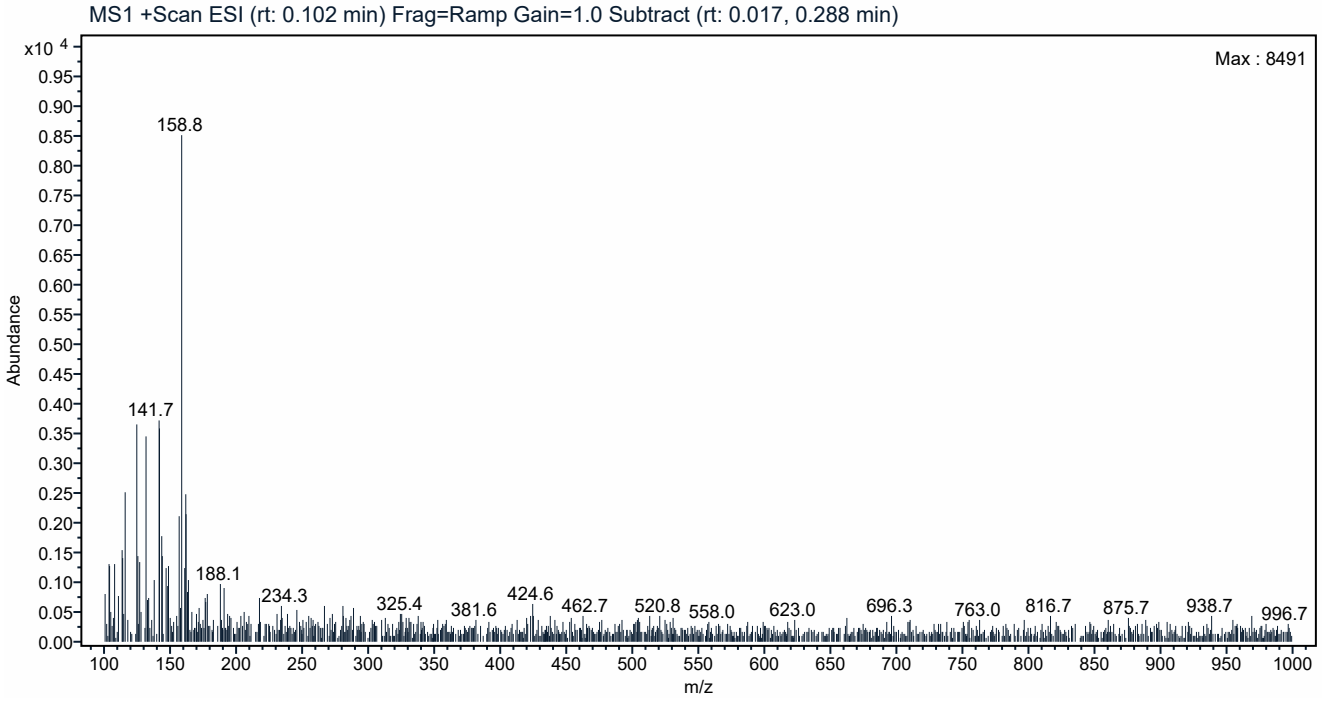
AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL(24).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-05 06:36:18-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-5-24\Blank Comparsion THC STD ACN 26uL (24).sirslt



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 0.099



AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL(24).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-05 06:36:18-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-5-24\Blank Comparsion THC STD ACN 26uL (24).sirslt

Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

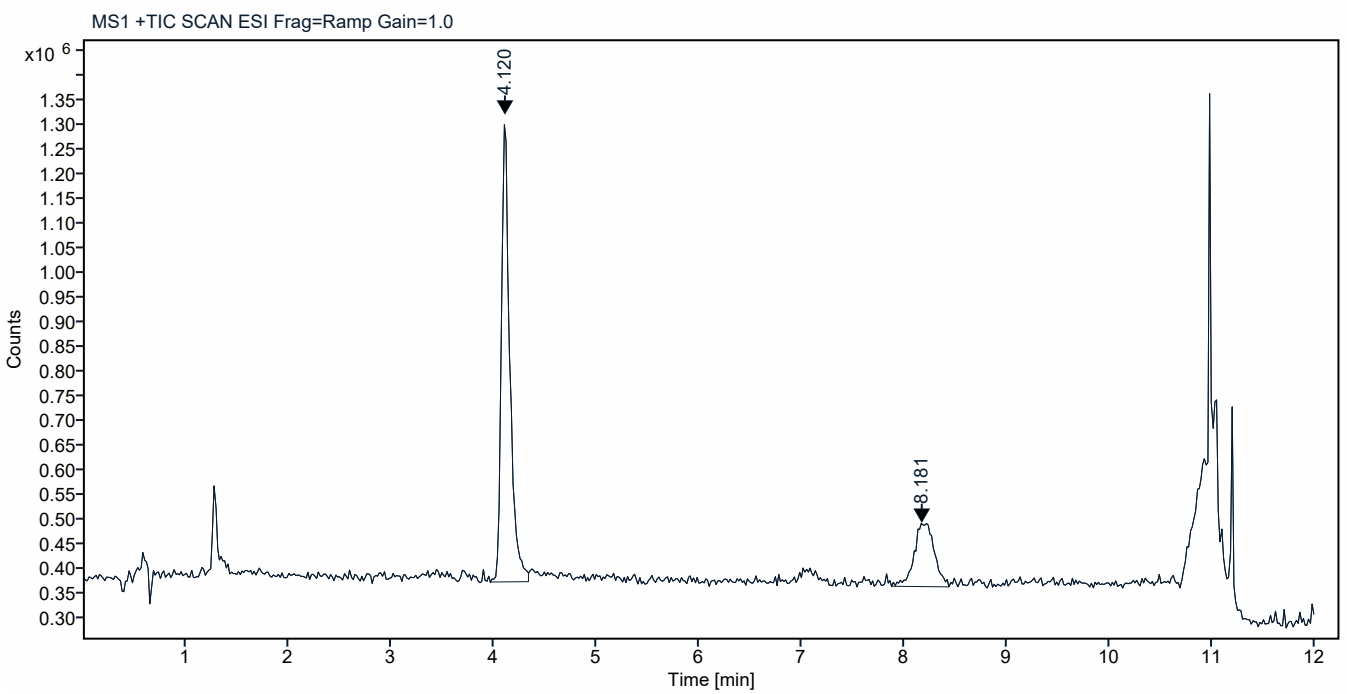
RT [min]	Width [min]	Area	Height	Area%
0.099	0.2829	650929.3992	66038.9614	100.0000

AK

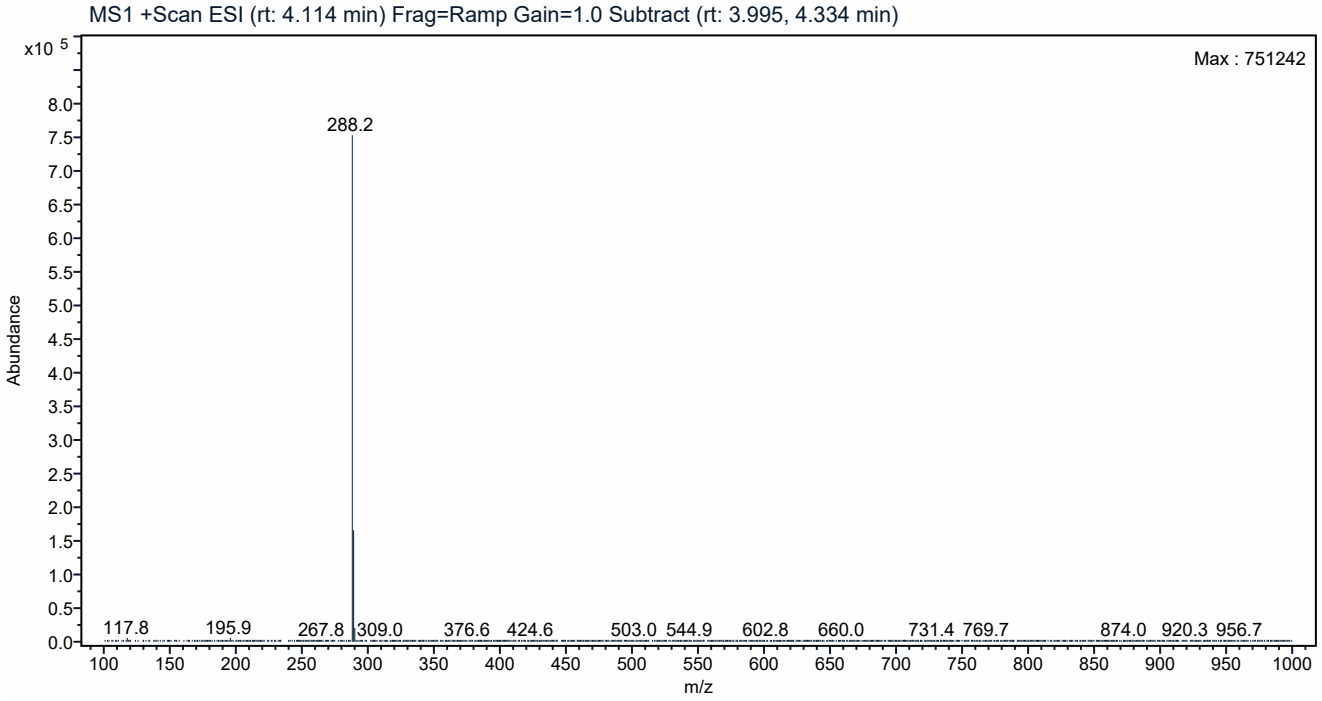
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(24).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-05 06:49:51-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-5-24\THC STD 26uL-mL in 2mLACN(24).sirslt

THCA Comparison STD 24



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.120

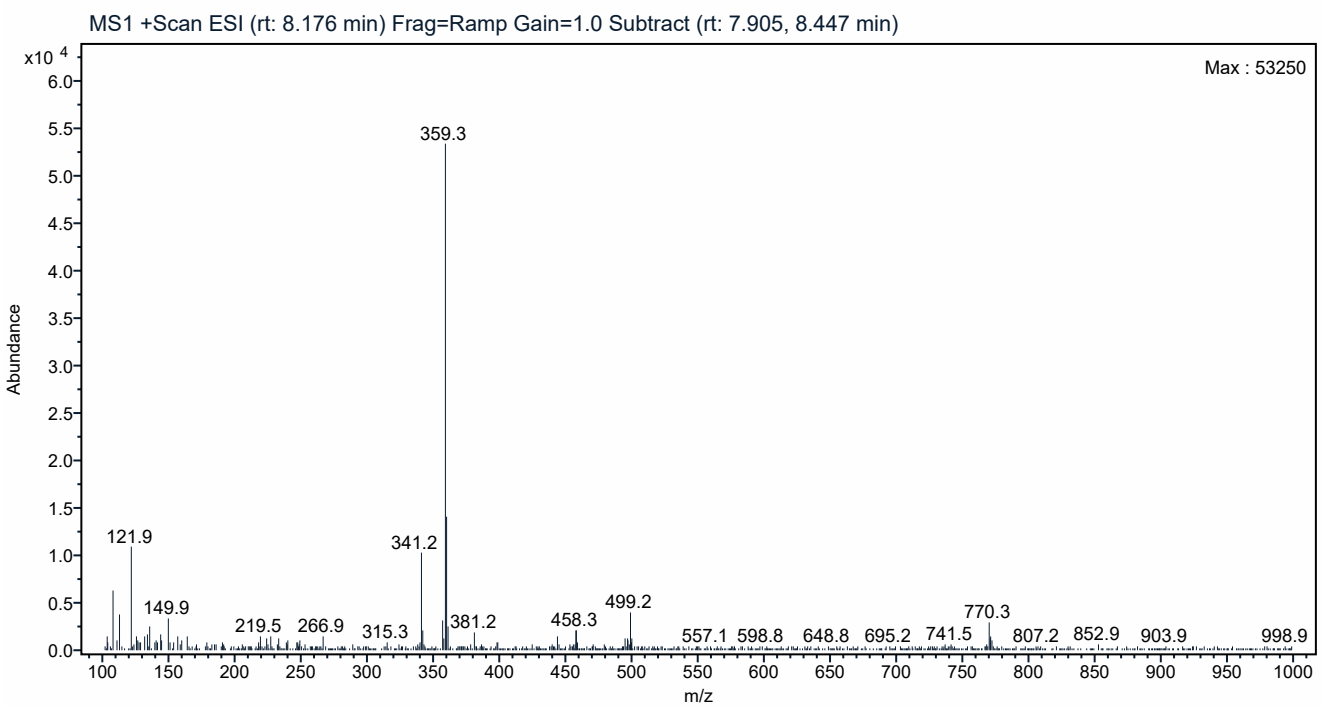


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(24).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-05 06:49:51-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-5-24\THC STD 26uL-mL in 2mLACN(24).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.181



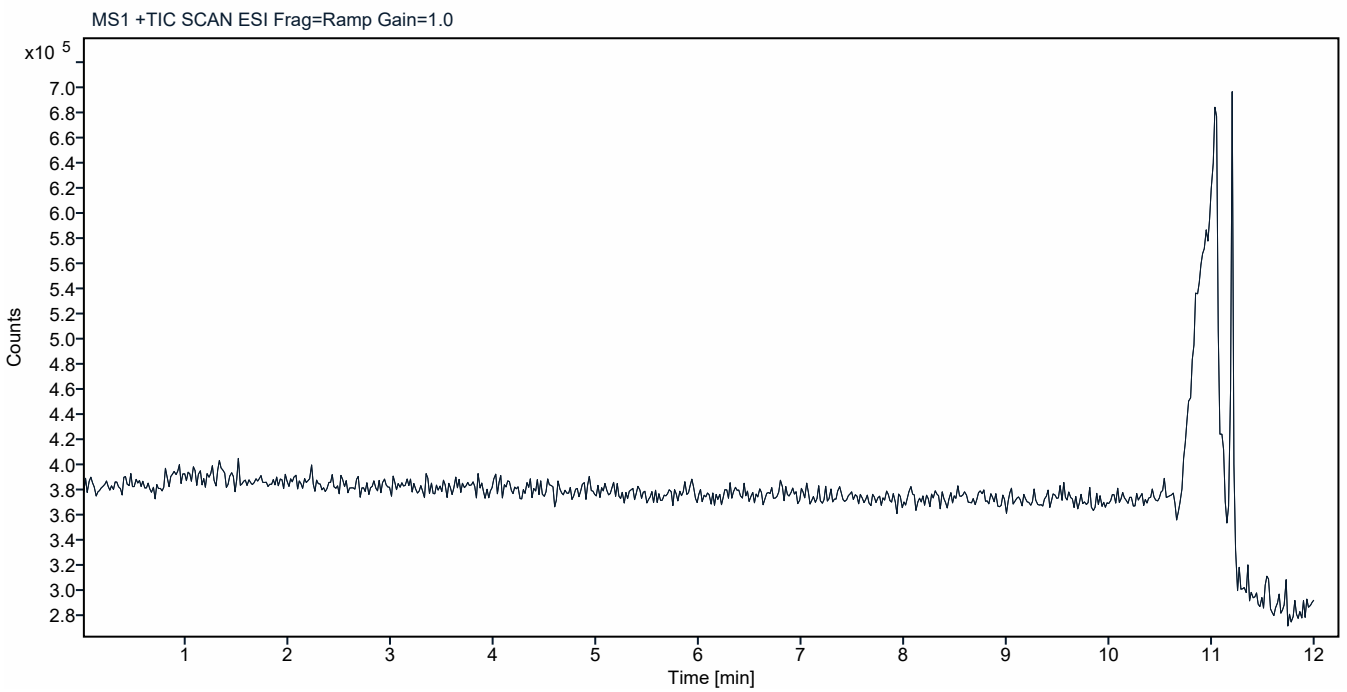
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.120	0.3686	5342324.9107	946959.8987	75.1725
8.181	0.5572	1764428.8853	128926.7053	24.8275

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank Comparsion THC STD ACN 26uL(25).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-05 07:17:03-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-5-24\Blank Comparsion THC STD ACN 26uL (25).sirslt

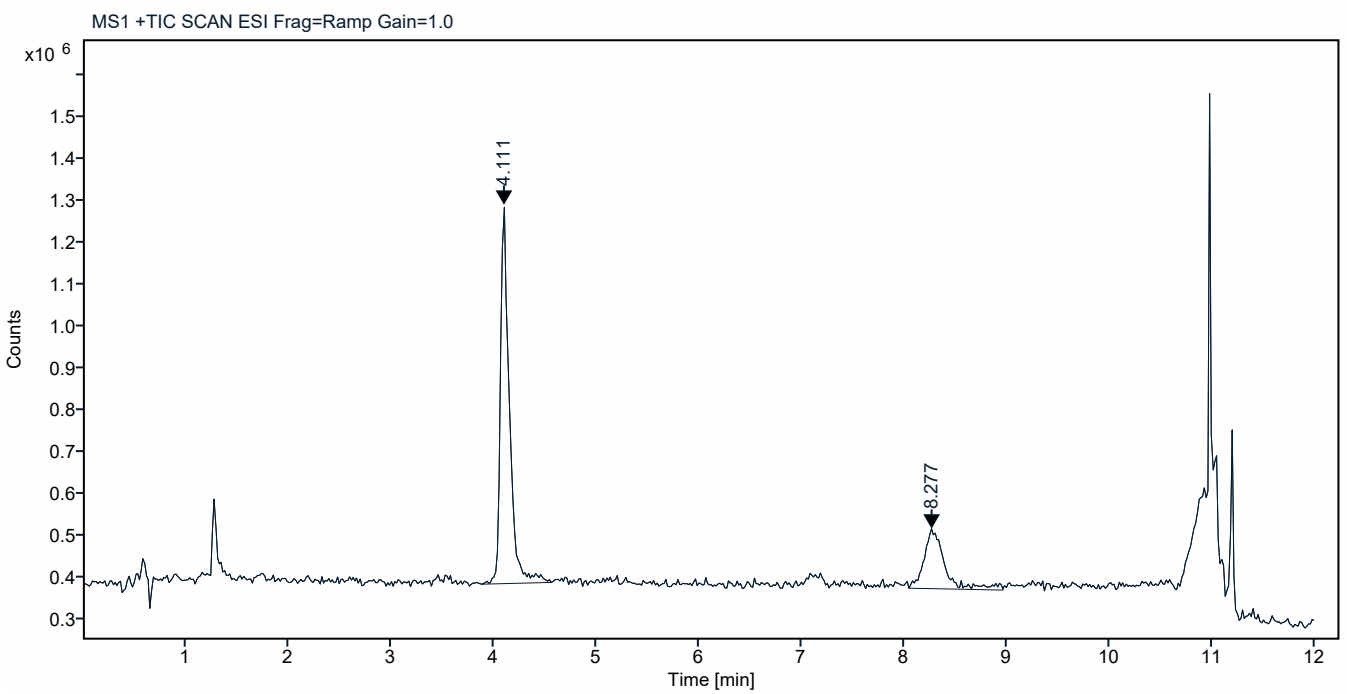


AK

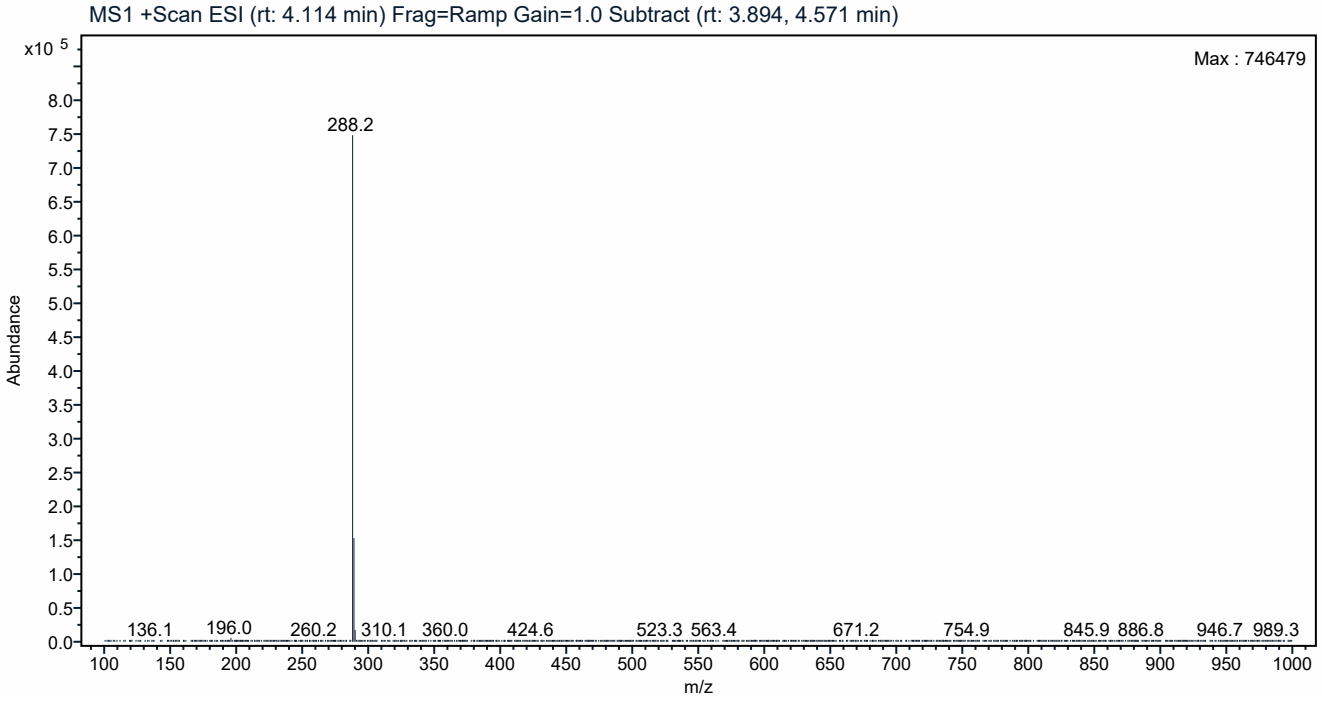
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(25).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-05 07:30:37-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-5-24\THC STD 26uL-mL in 2mLACN(25).sirslt

THCA Comparison STD 25



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.111

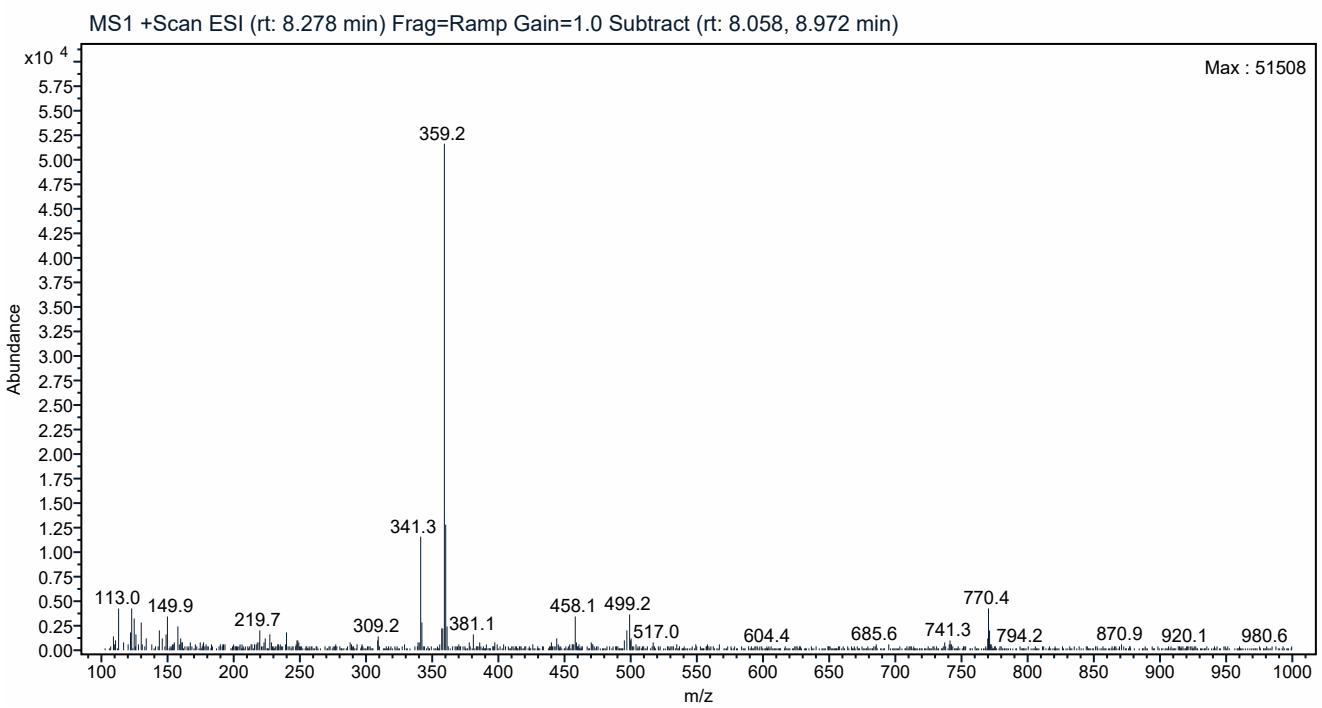


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(25).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-05 07:30:37-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-5-24\THC STD 26uL-mL in 2mLACN(25).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.277



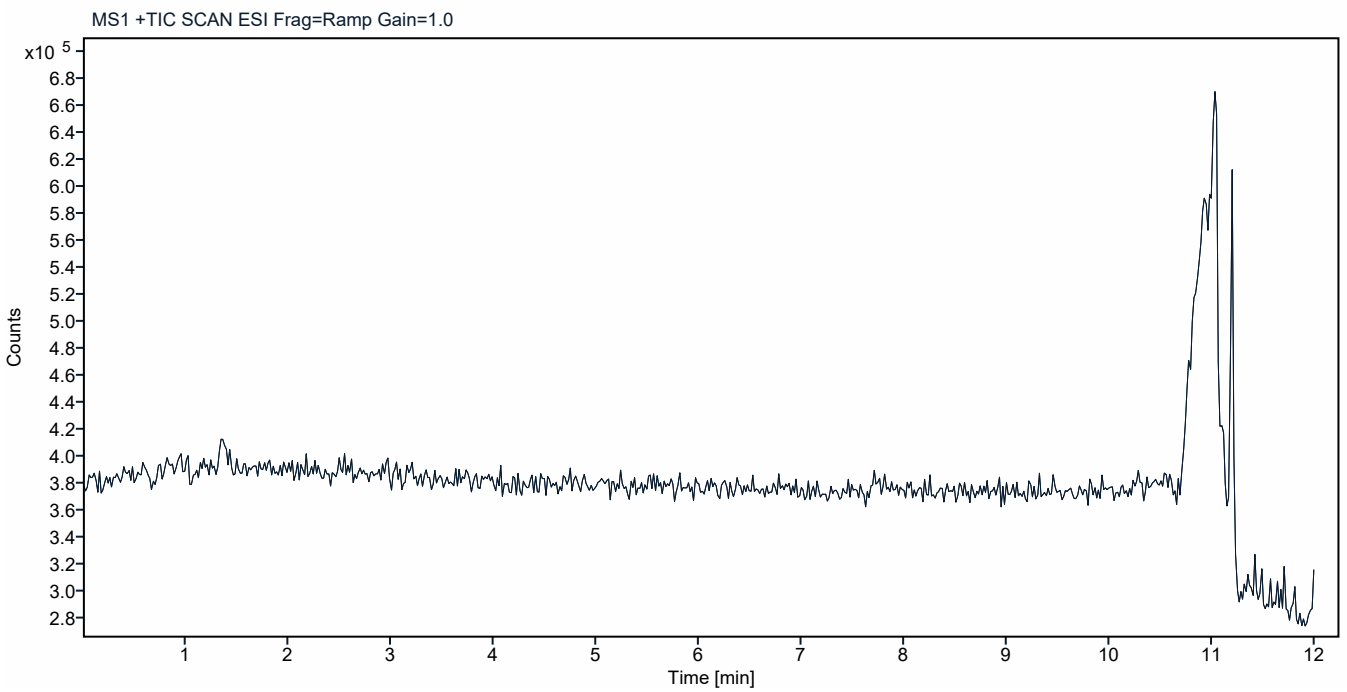
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.111	0.6772	5464741.3399	904988.4209	73.3970
8.277	0.9154	1980711.9889	143184.8020	26.6030

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank THC STD ACN 26uL(26).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-05 07:57:49-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-5-24\Blank THC STD ACN 26uL(26).sirslt

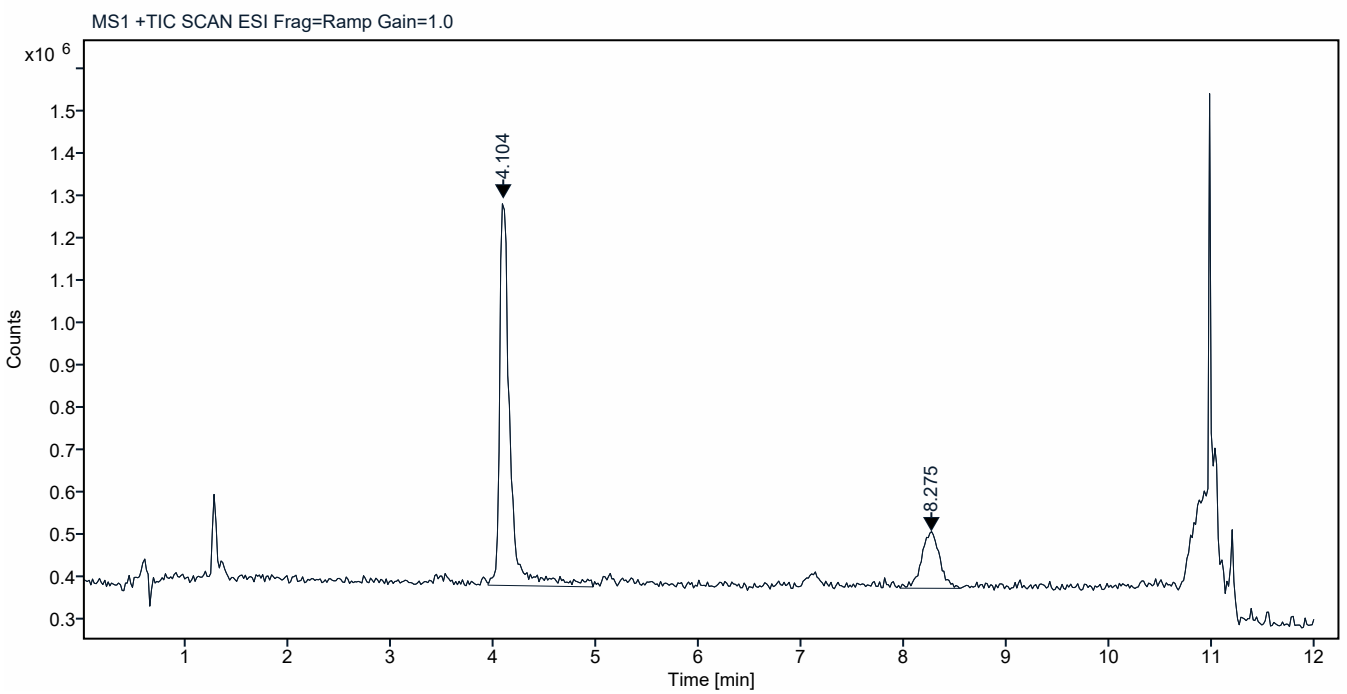


AK

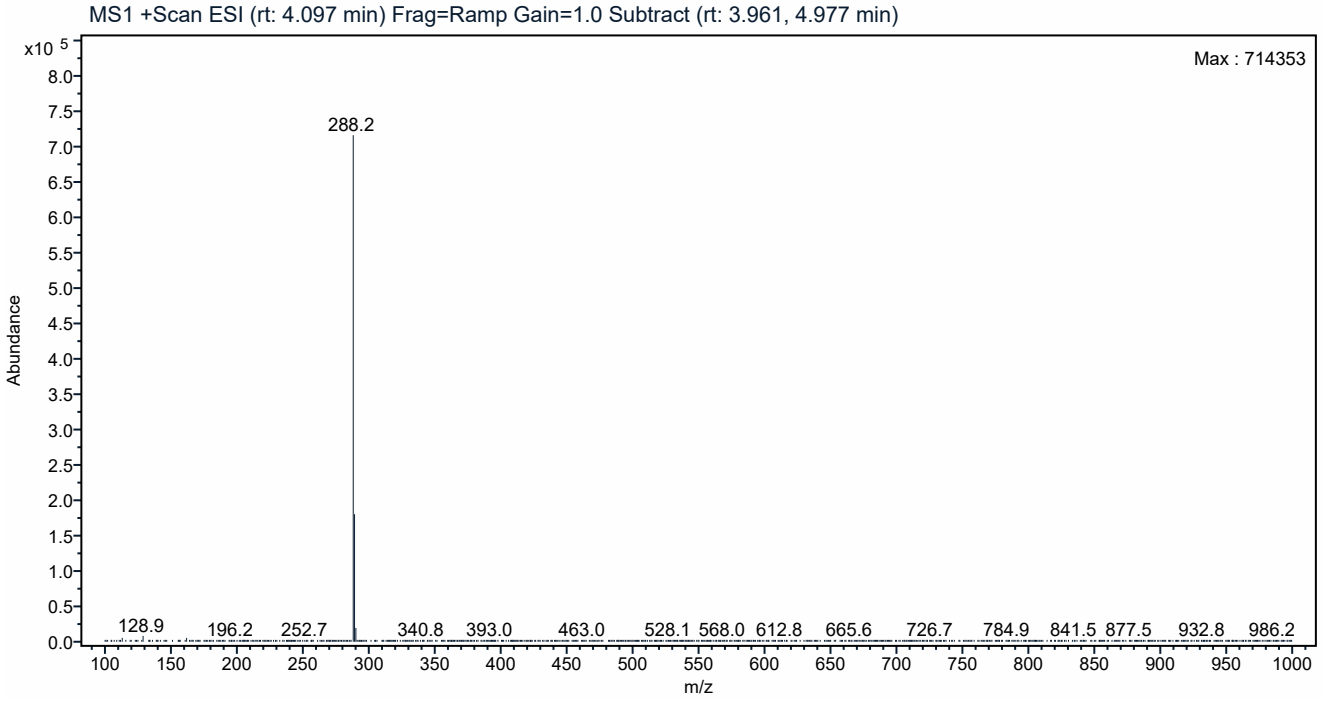
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(26).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-05 08:11:22-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-5-24\THC STD 26uL-mL in 2mLACN(26).sirslt

THCA Comparison STD 26



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.104

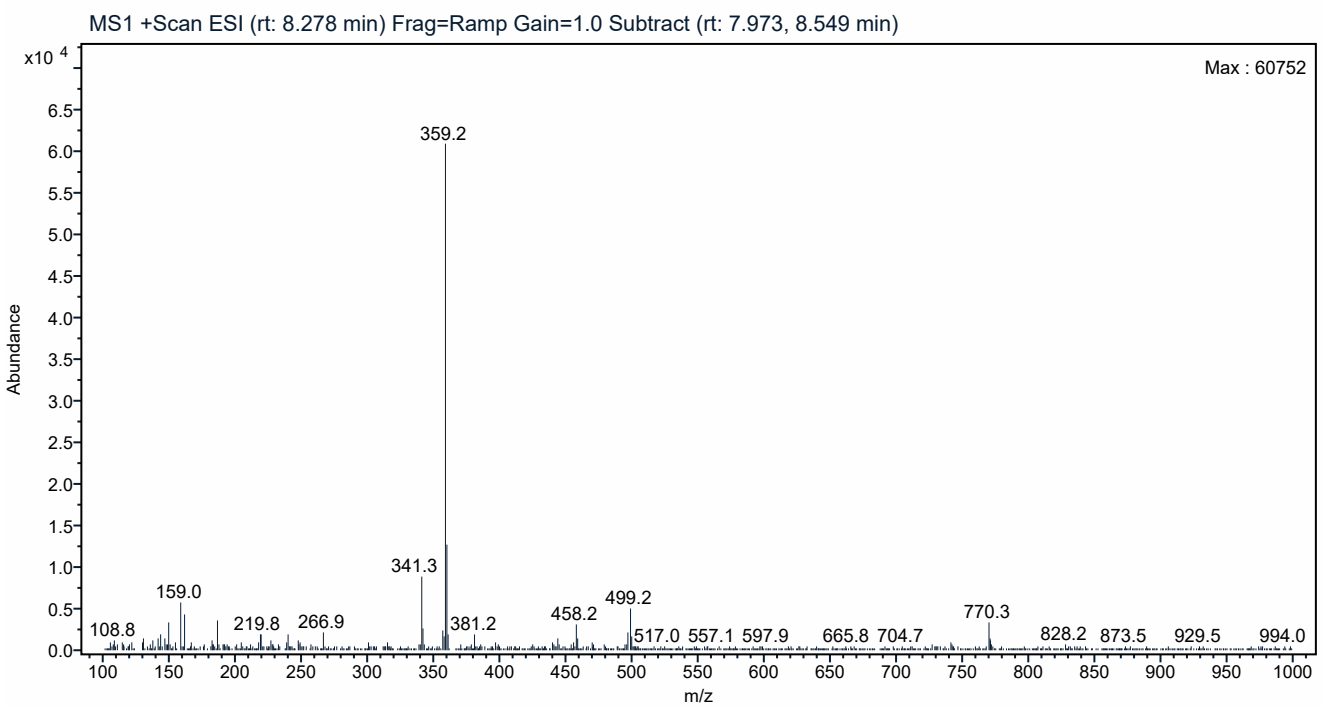


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(26).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-05 08:11:22-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-5-24\THC STD 26uL-mL in 2mLACN(26).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.275



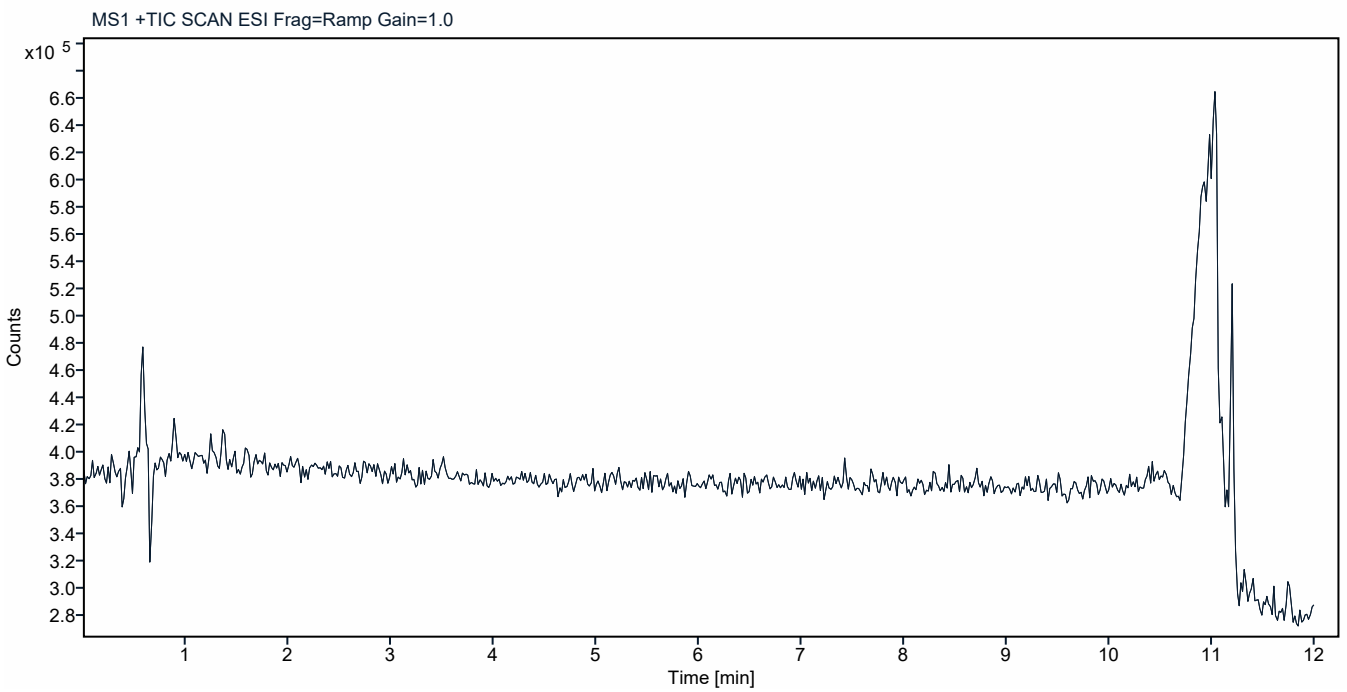
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.104	1.0219	6349341.2531	913434.1053	79.4754
8.275	0.5755	1639726.1160	134107.1005	20.5246

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank THC STD ACN 26uL(27).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-05 08:38:34-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-5-24\Blank THC STD ACN 26uL(27).sirslt

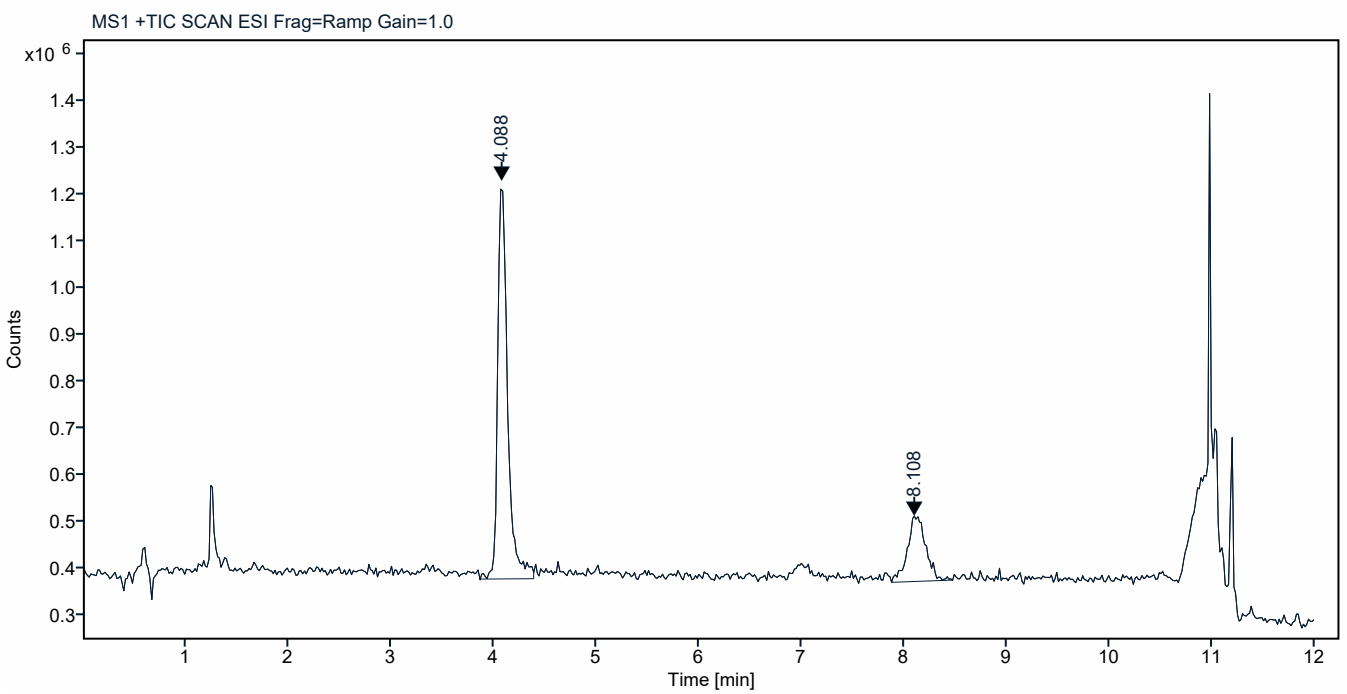


AK

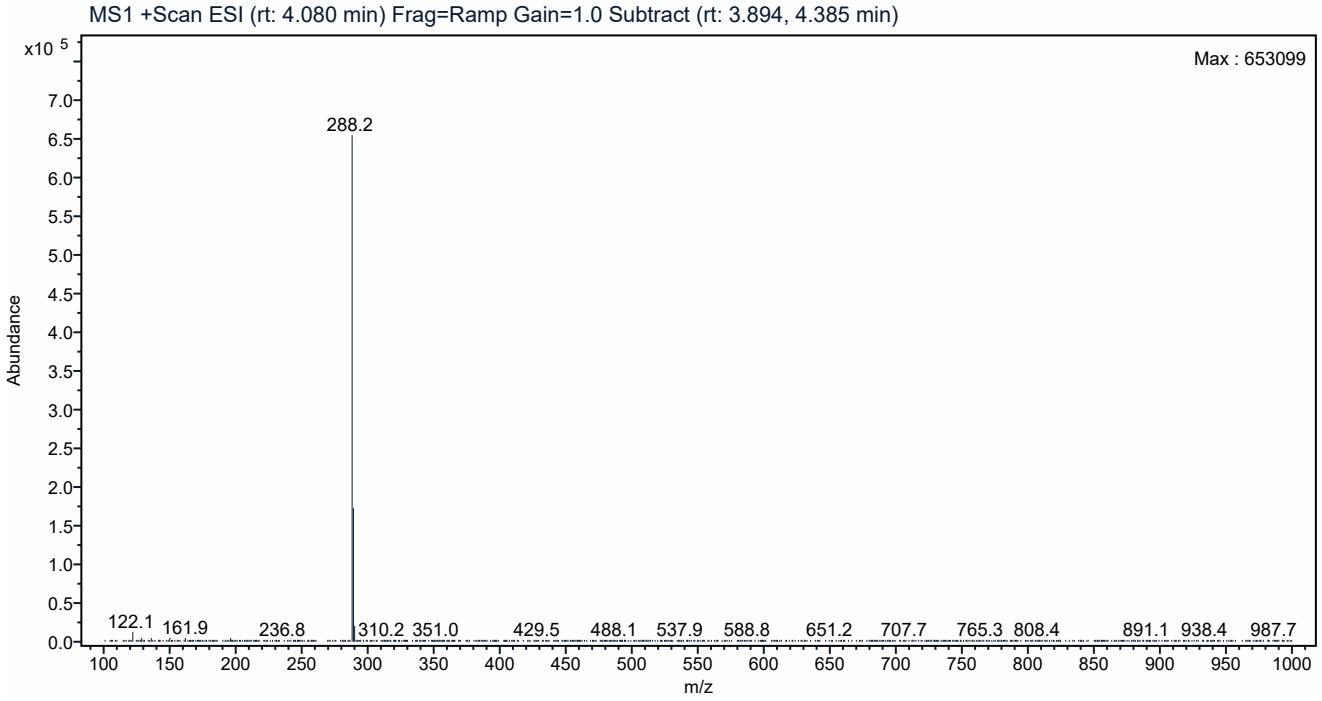
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(27).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-05 08:52:08-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-5-24\THC STD 26uL-mL in 2mLACN(27).sirslt

THCA Comparison STD 27



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.088

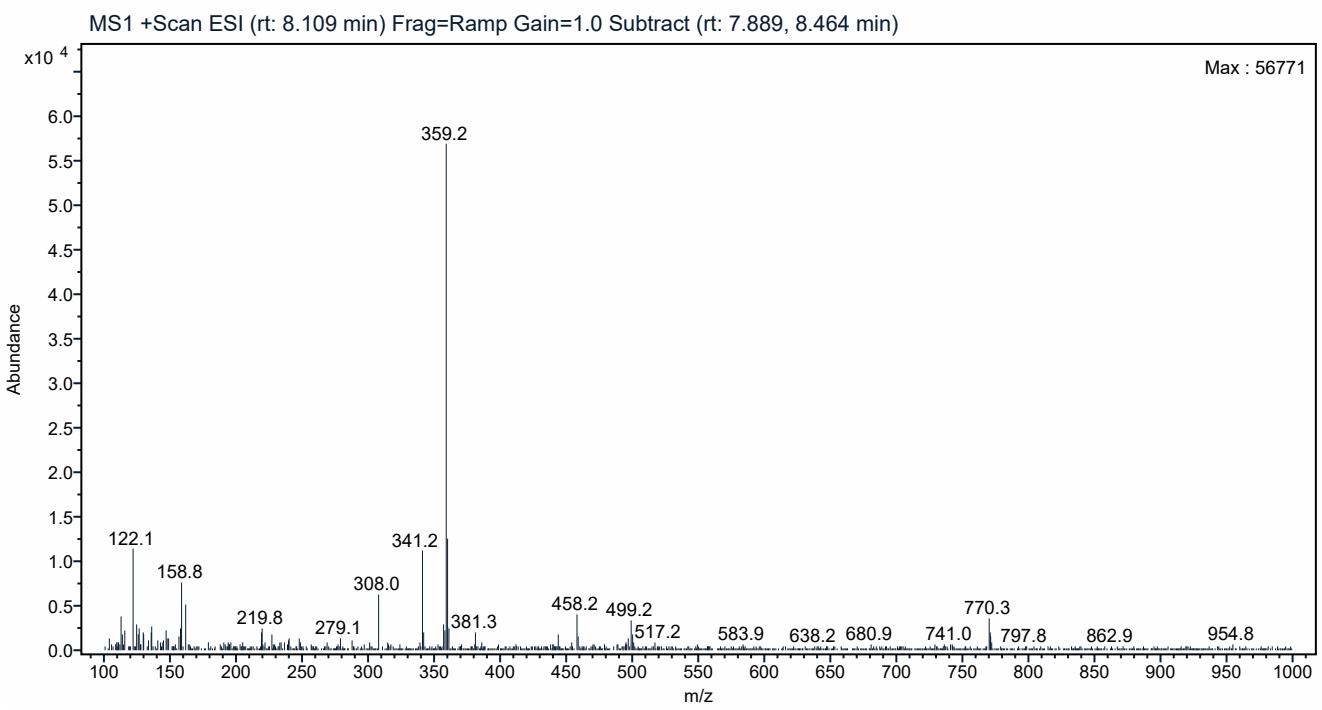


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(27).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-05 08:52:08-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-5-24\THC STD 26uL-mL in 2mLACN(27).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.108



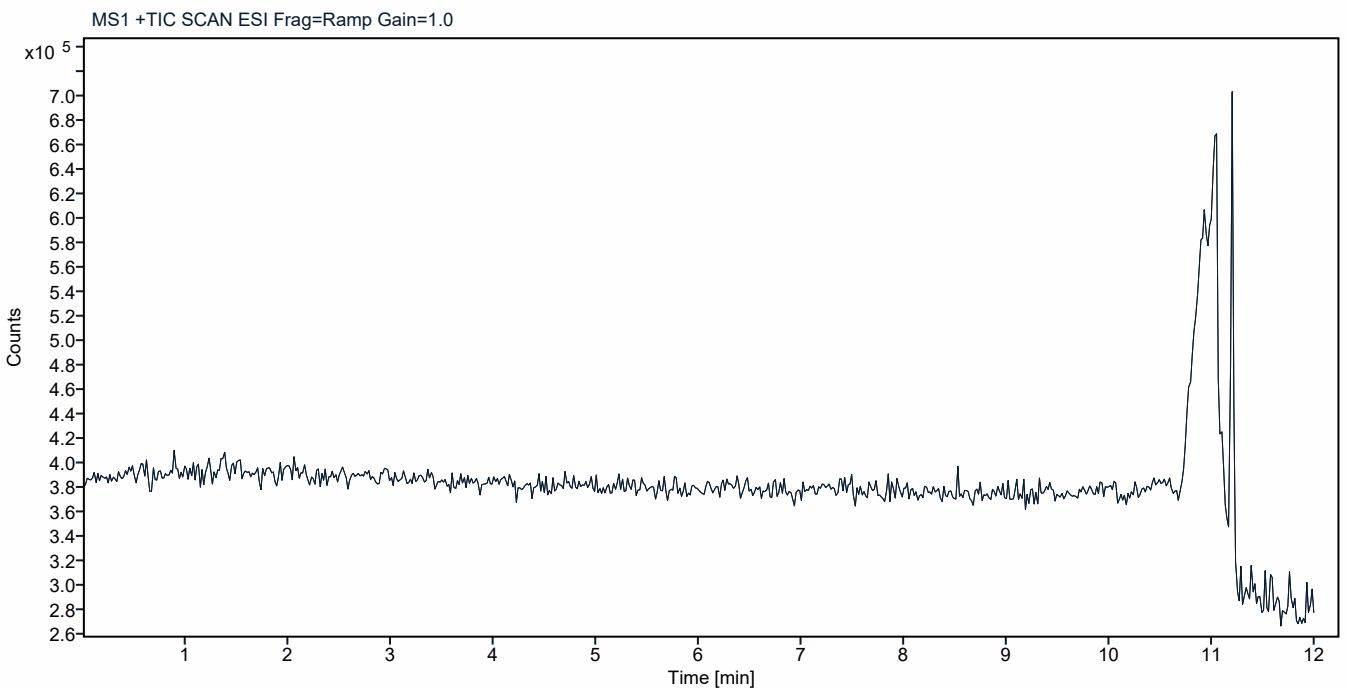
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.088	0.5211	5681071.0844	851586.2771	76.6147
8.108	0.5876	1734050.4951	140061.9446	23.3853

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank THC STD ACN 26uL(28).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-05 09:19:20-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-5-24\Blank THC STD ACN 26uL(28).sirslt

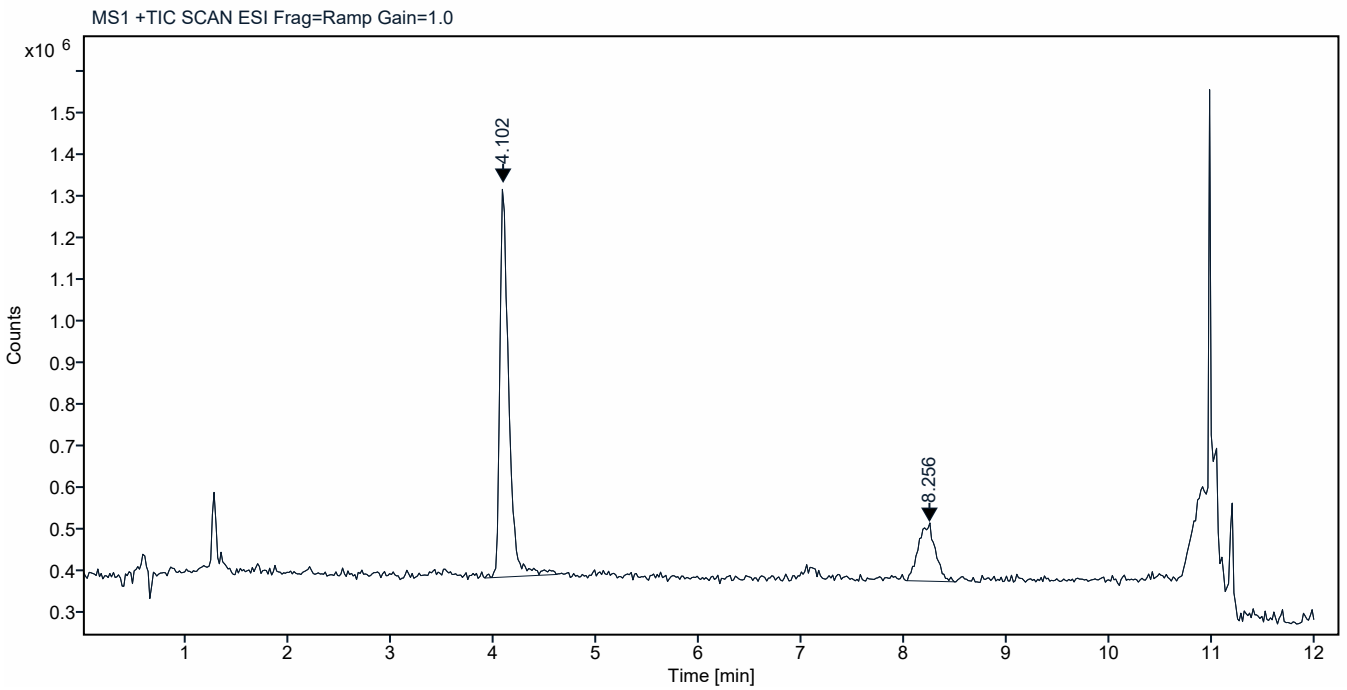


AK

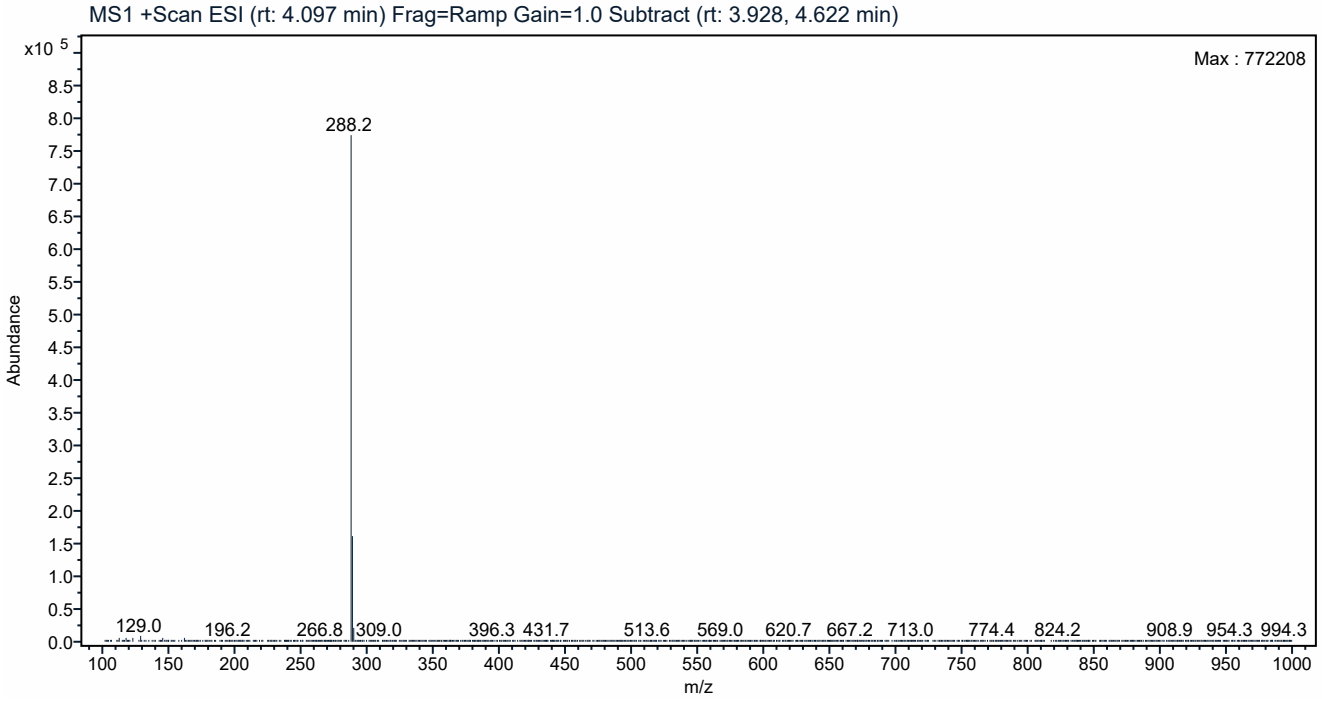
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(28).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-05 09:32:53-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-5-24\THC STD 26uL-mL in 2mLACN(28).sirslt

THCA Comparison STD 28



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.102

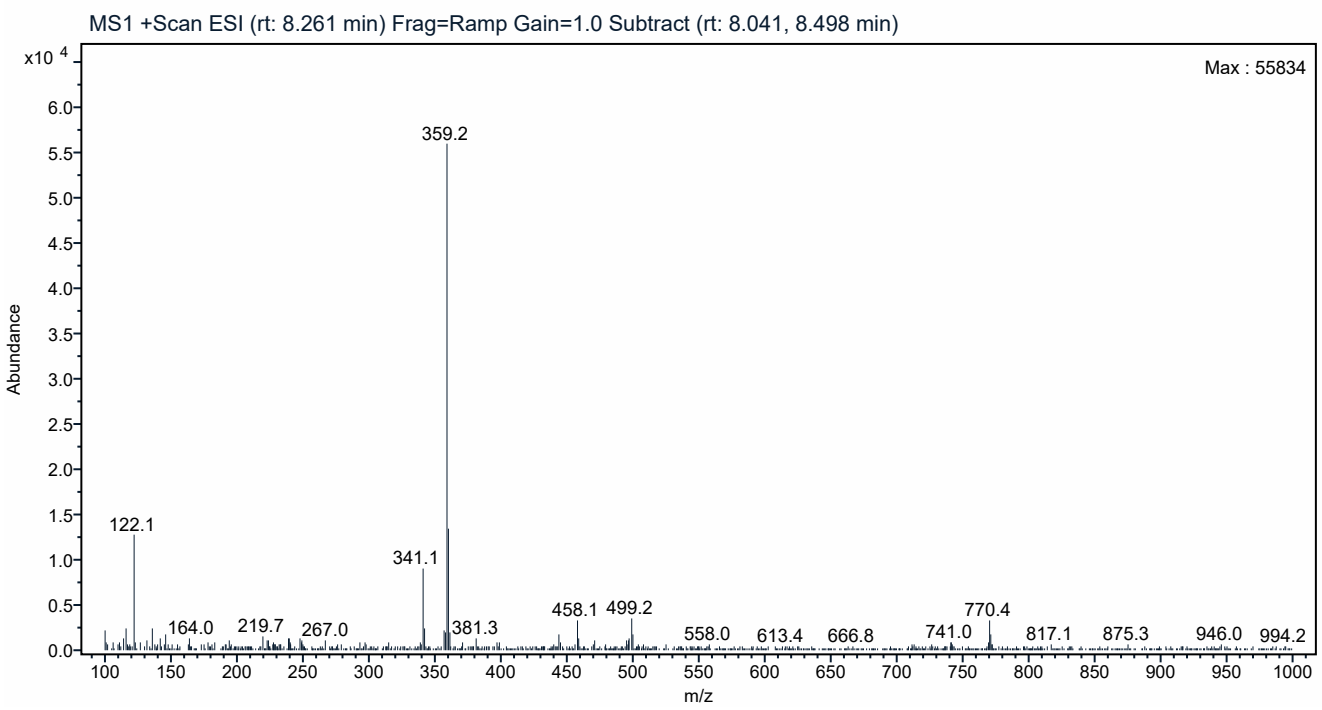


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(28).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-05 09:32:53-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-5-24\THC STD 26uL-mL in 2mLACN(28).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.256



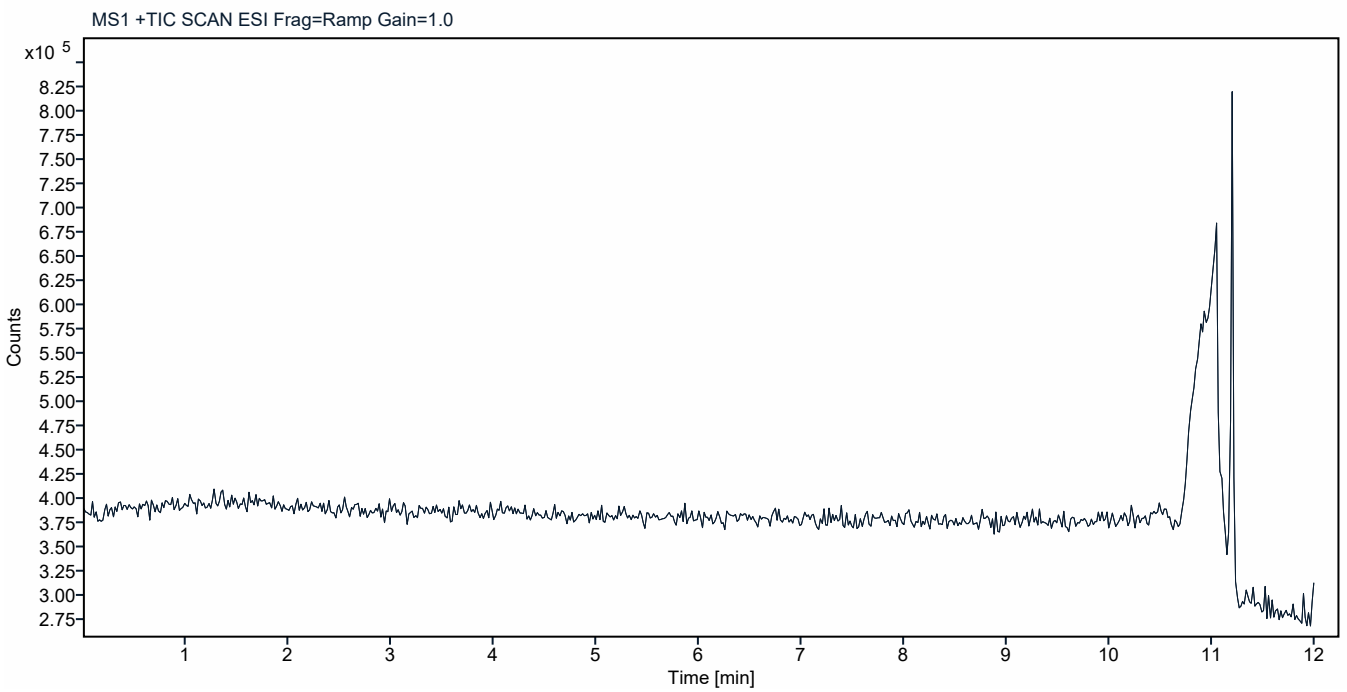
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.102	0.6980	5645313.1631	947097.2466	77.9376
8.256	0.4662	1598066.4007	142062.3172	22.0624

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank THC STD ACN 26uL (29).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-05 10:00:05-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-5-24\Blank THC STD ACN 26uL (29).sirslt

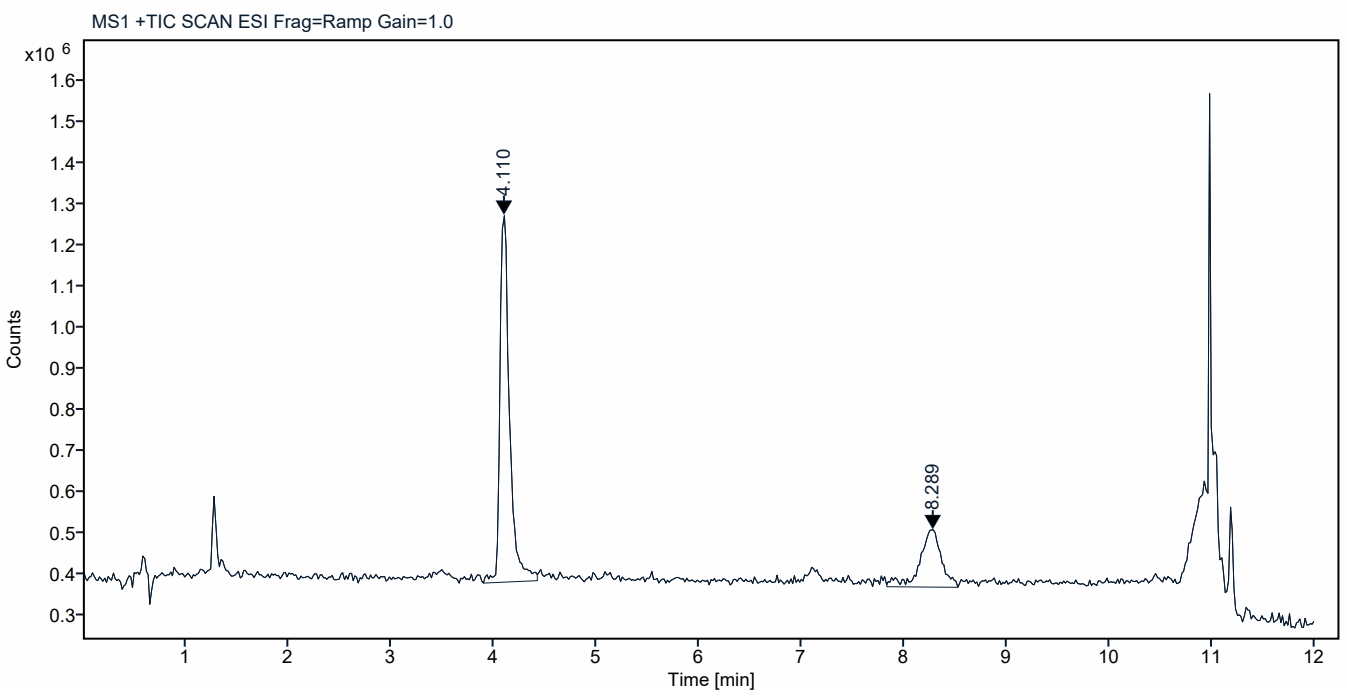


AK

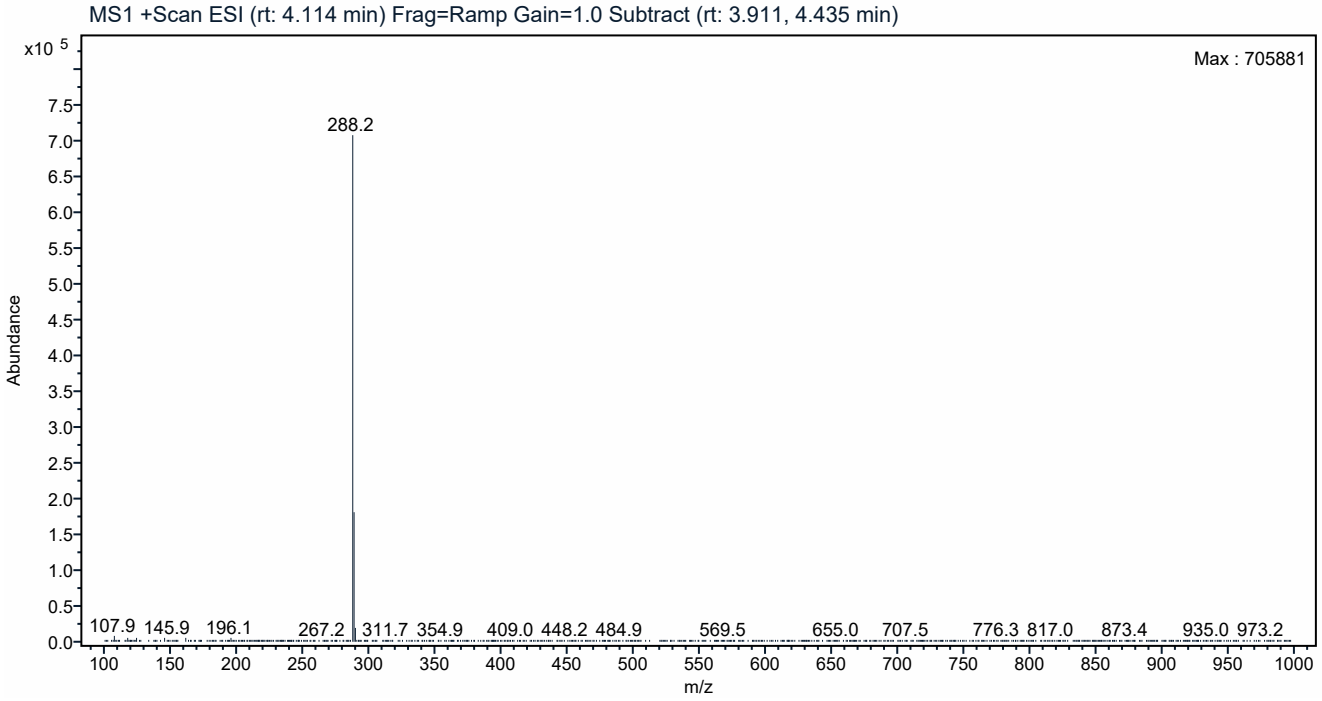
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(29).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-05 10:13:38-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-5-24\THC STD 26uL-mL in 2mLACN(29).sirslt

THCA Comparison STD 29



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.110

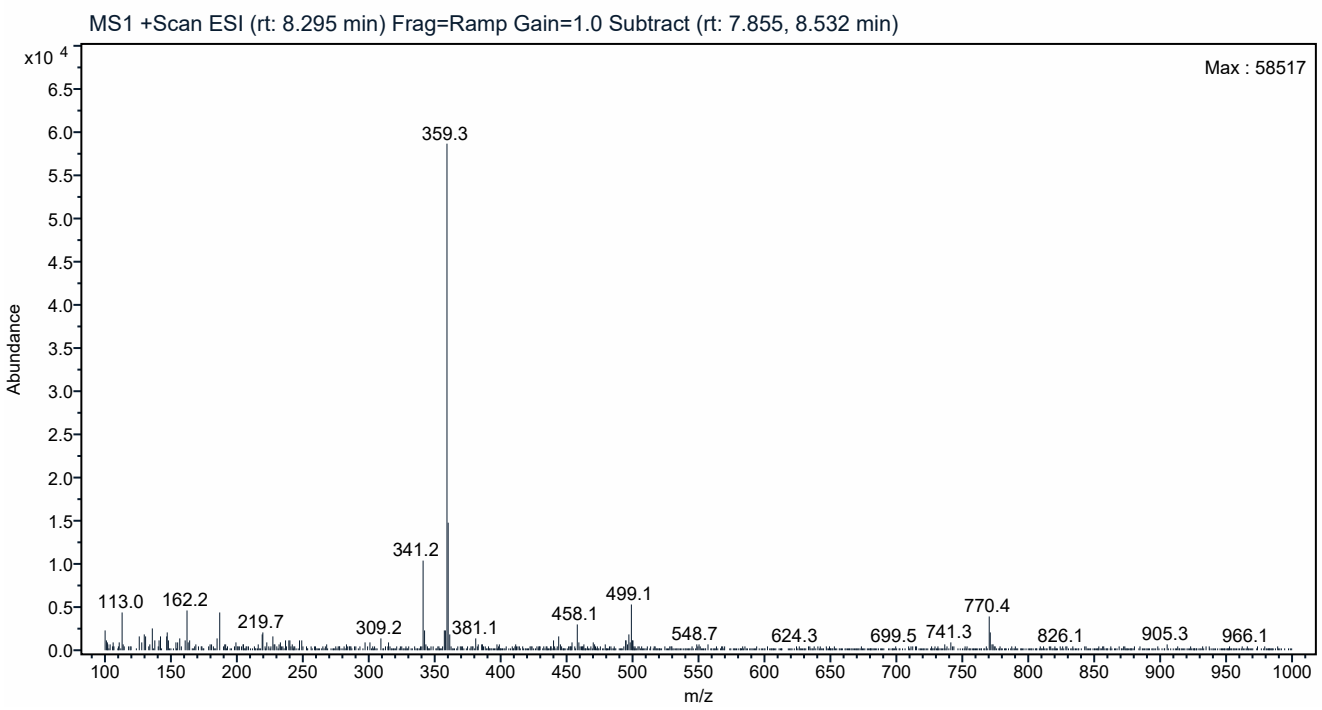


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(29).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-05 10:13:38-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-5-24\THC STD 26uL-mL in 2mLACN(29).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.289



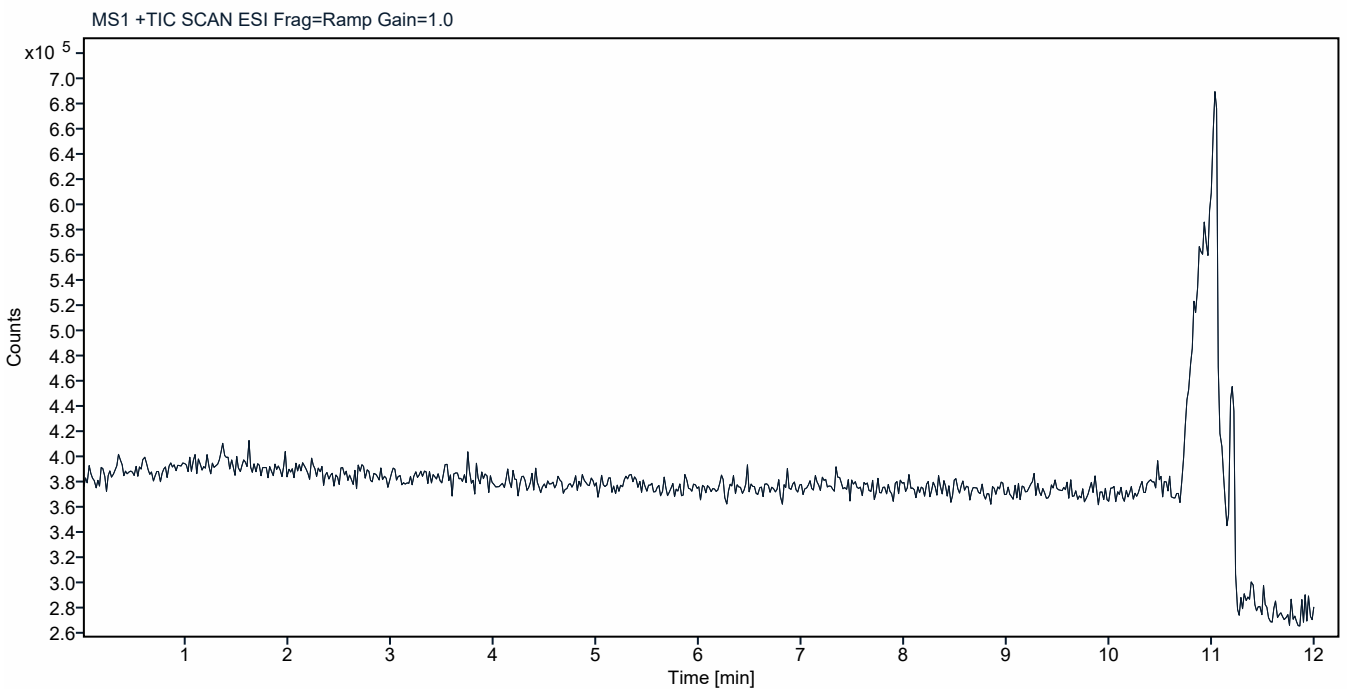
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.110	0.5249	5820683.7005	893327.0064	74.0218
8.289	0.6900	2042784.2857	140394.4182	25.9782

AK

Analysis Report

Sample Name	Blank for Comparsion THCA STD ACN	Injection Data File Name	Blank THC STD ACN 26uL (30).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-12-05 10:40:49-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-5-24\Blank THC STD ACN 26uL (30).sirslt

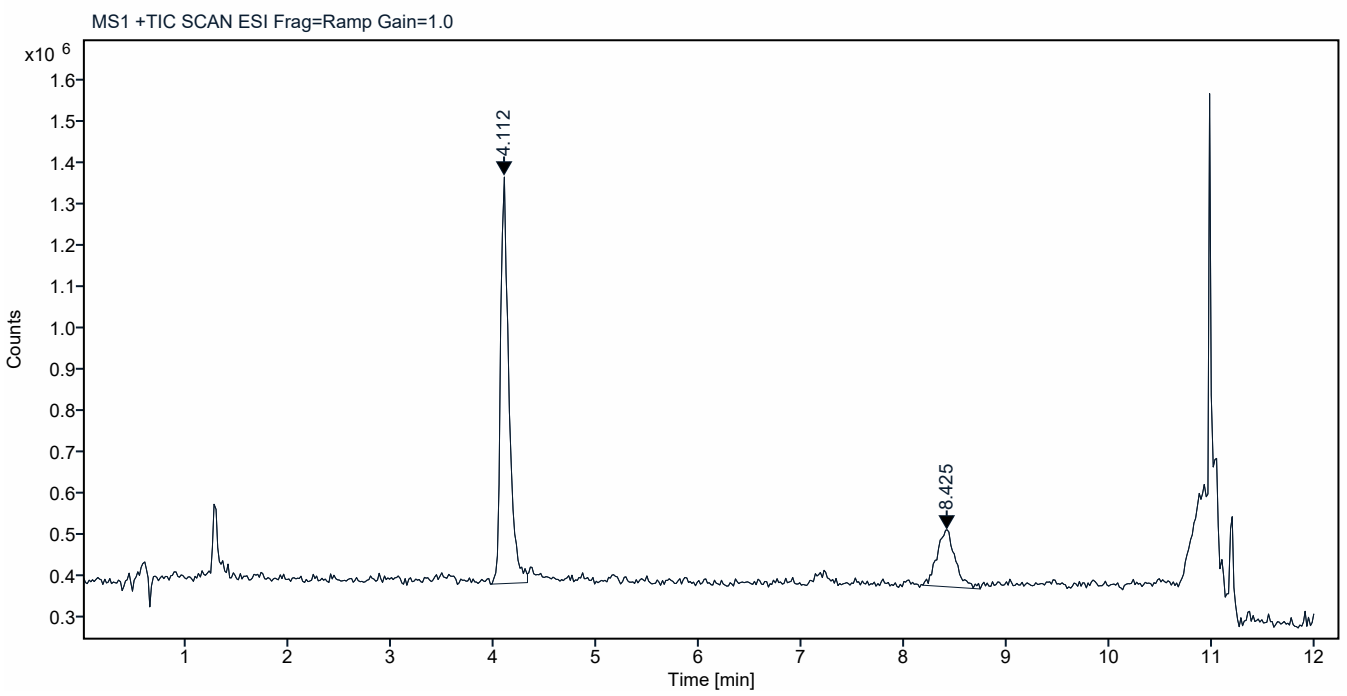


AK

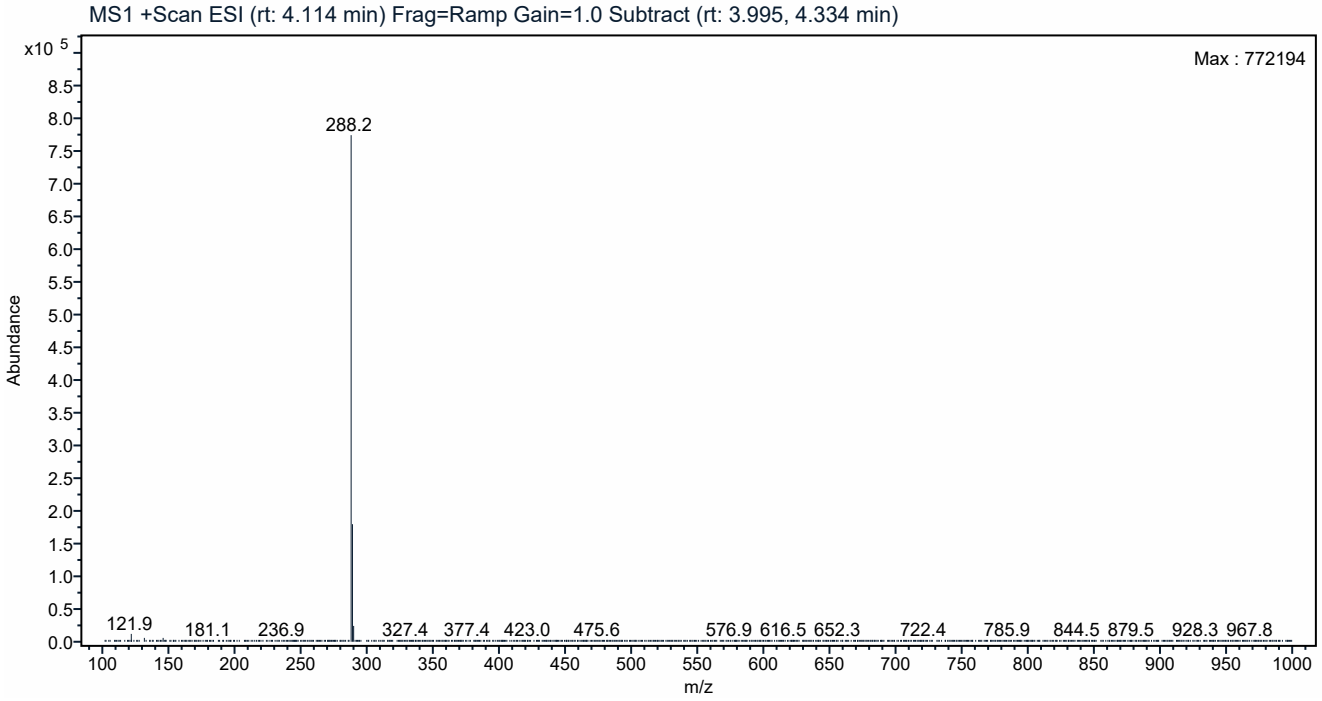
Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(30).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-05 10:54:23-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-5-24\THC STD 26uL-mL in 2mLACN(30).sirslt

THCA Comparison STD 30



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.112

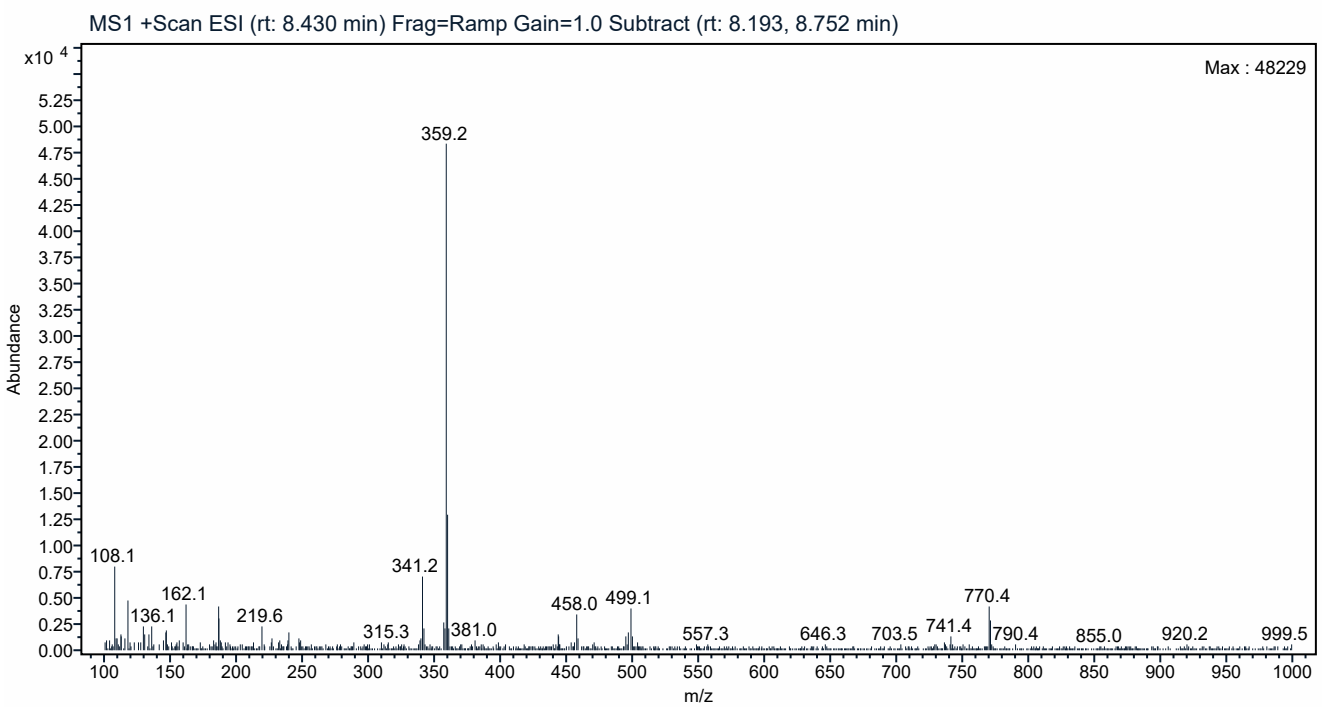


AK

Analysis Report

Sample Name	Comparsion THCA STD cerilliant lot#FE03162224	Injection Data File Name	THC STD 26uL-mL in 2mLACN(30).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a1	Injection Acquired Date	2024-12-05 10:54:23-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-5-24\THC STD 26uL-mL in 2mLACN(30).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.425



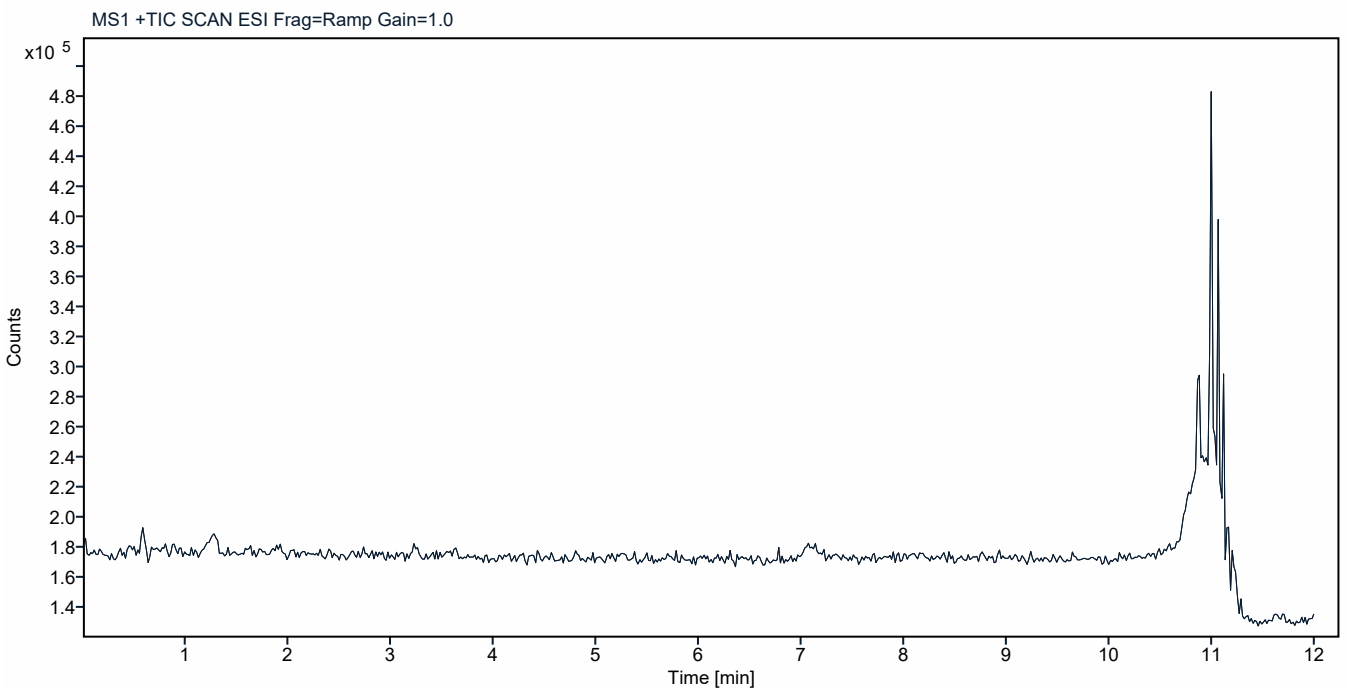
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.112	0.3615	5578767.6052	987482.9703	76.5959
8.425	0.5586	1704610.8440	138170.2345	23.4041

AK

Analysis Report

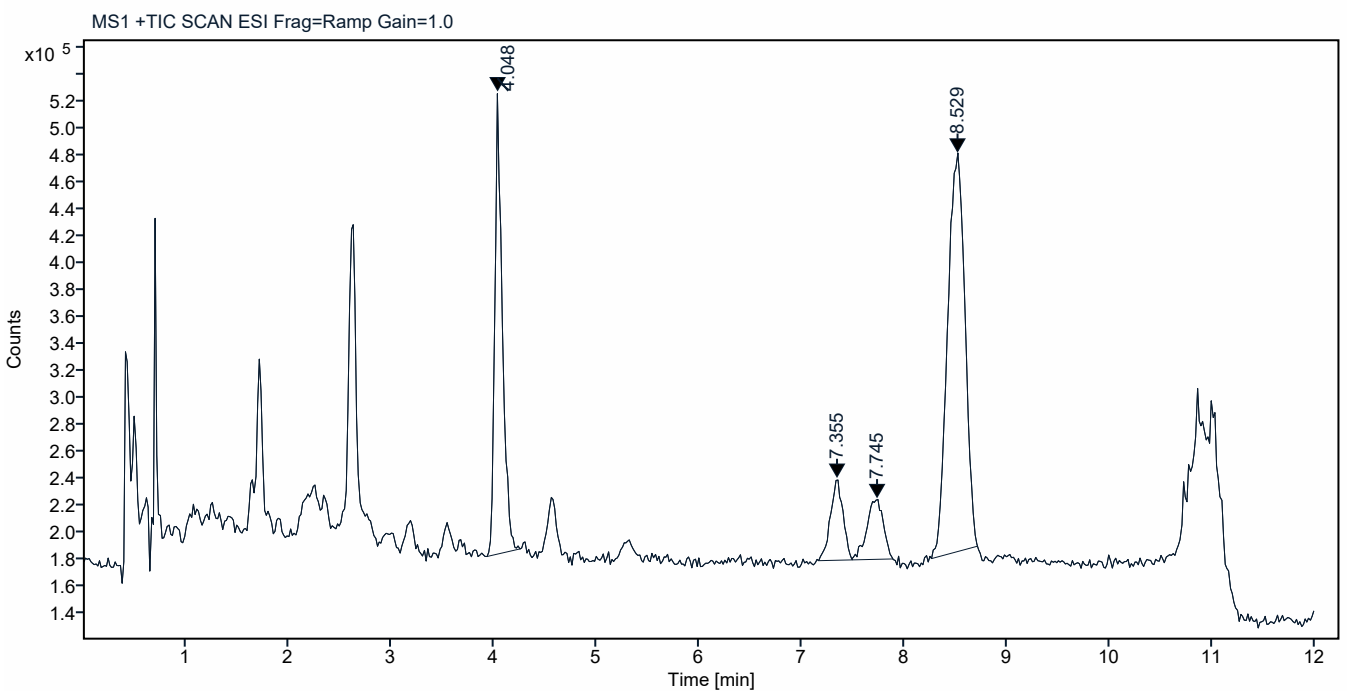
Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank for Plant materialMeOH-ACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-01 14:46:06-05:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-1-2426ul\Blank for Plant materialMeOH-ACN.sirslt



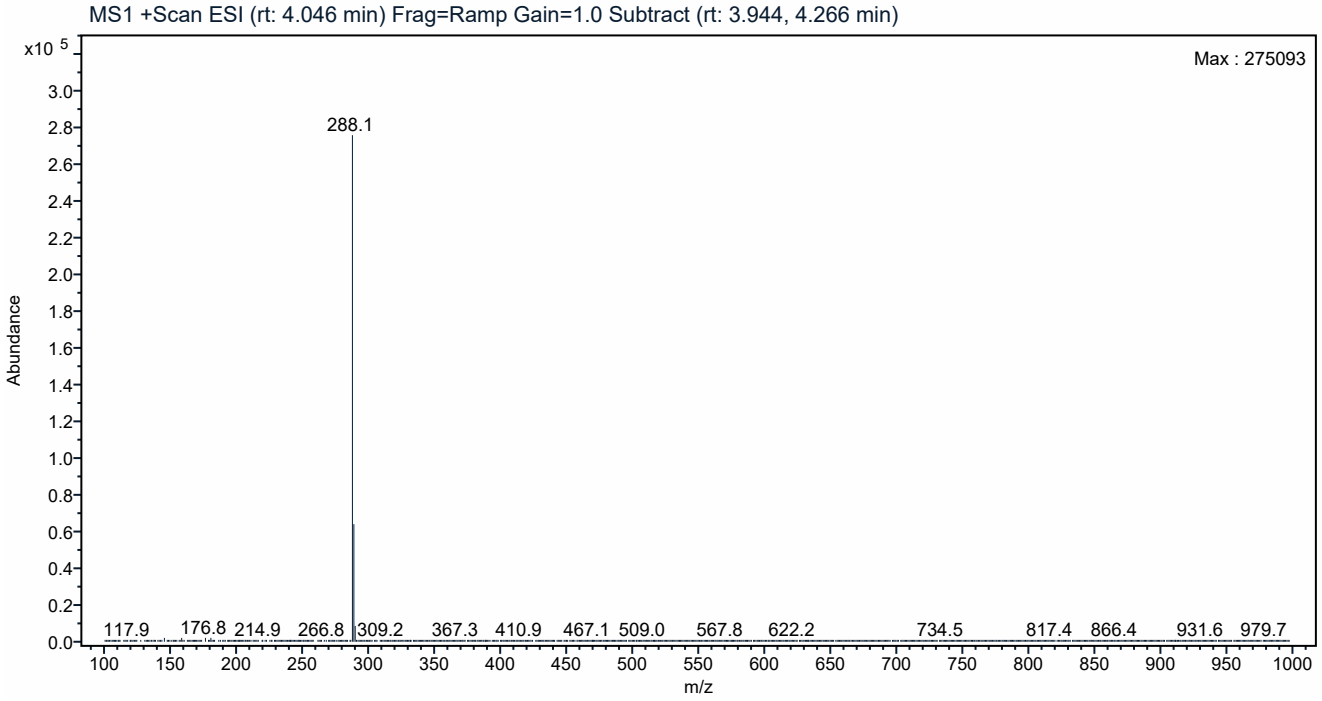
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	Plant material 26uL in 2mL MeOH-ACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-01 14:59:40-05:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-1-2426ul\Plant material 26uL in 2mL MeOH-ACN.sirslt

Plant Material 1



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.048

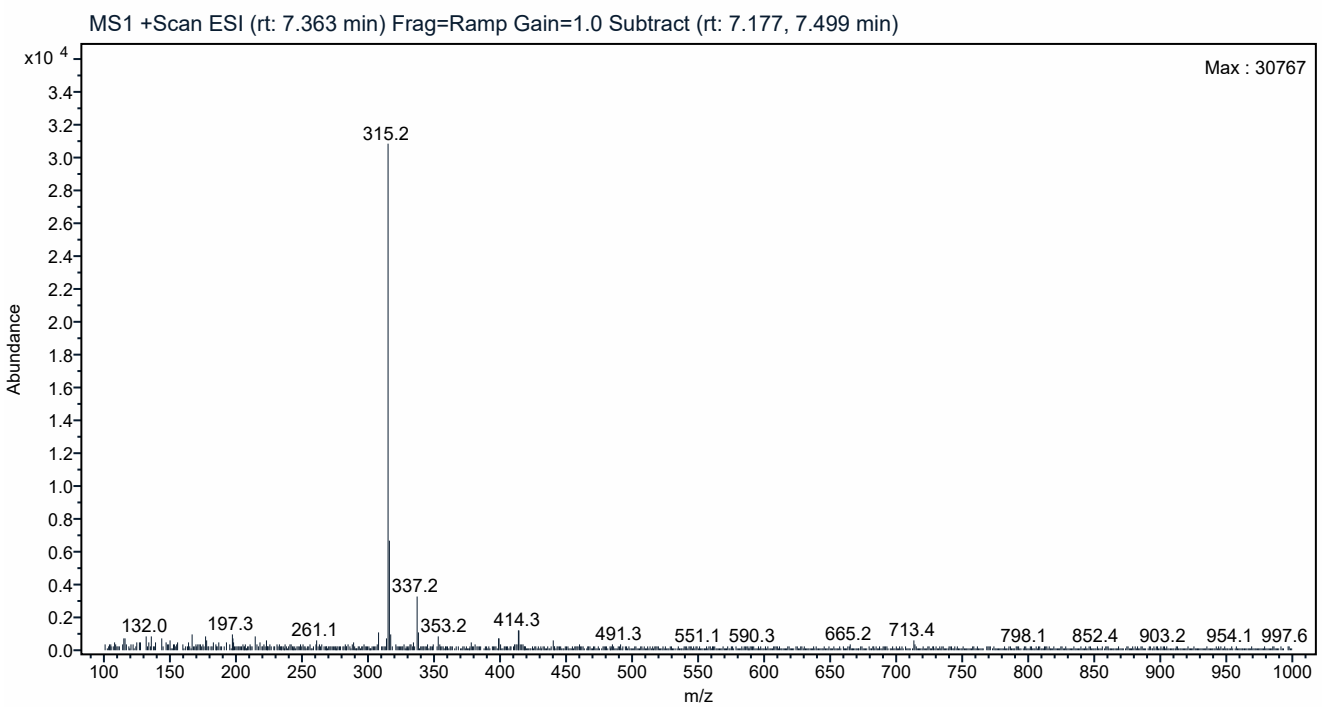


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	Plant material 26uL in 2mL MeOH-ACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-01 14:59:40-05:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-1-2426ul\Plant material 26uL in 2mL MeOH-ACN.sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.355

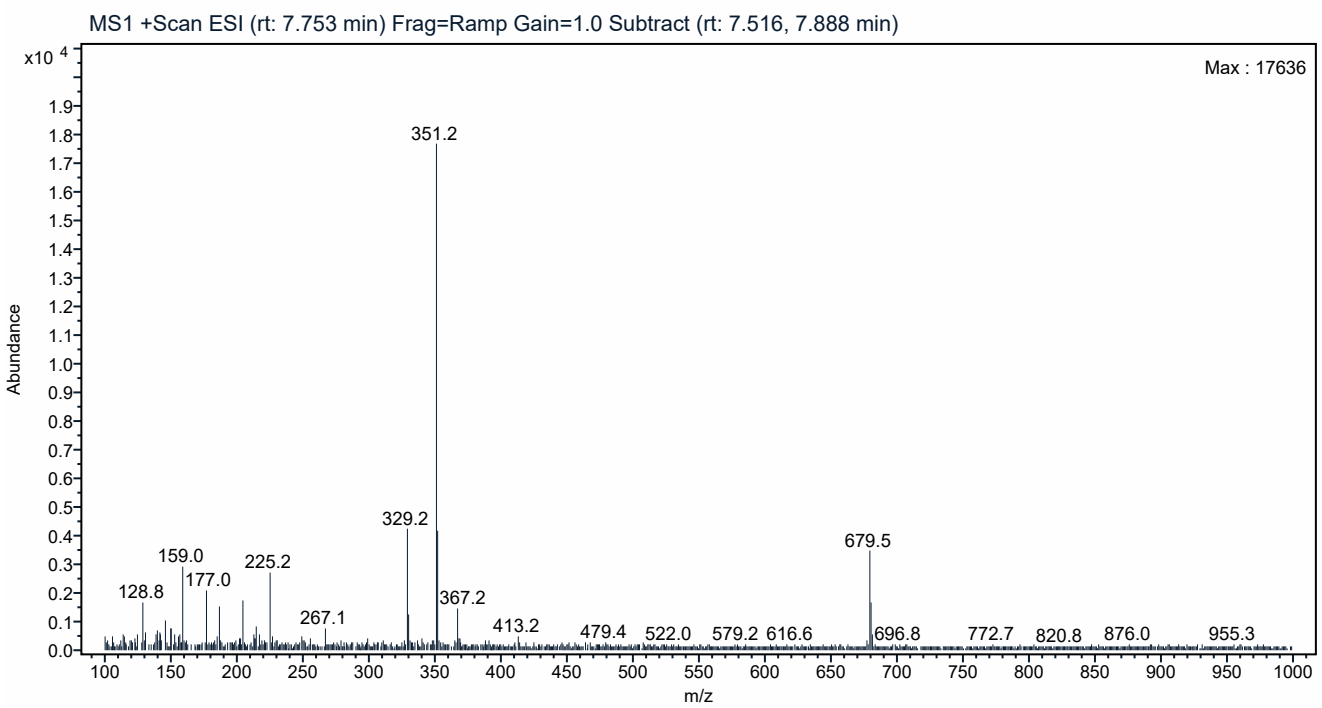


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	Plant material 26uL in 2mL MeOH-ACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-01 14:59:40-05:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-1-2426ul\Plant material 26uL in 2mL MeOH-ACN.sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.745

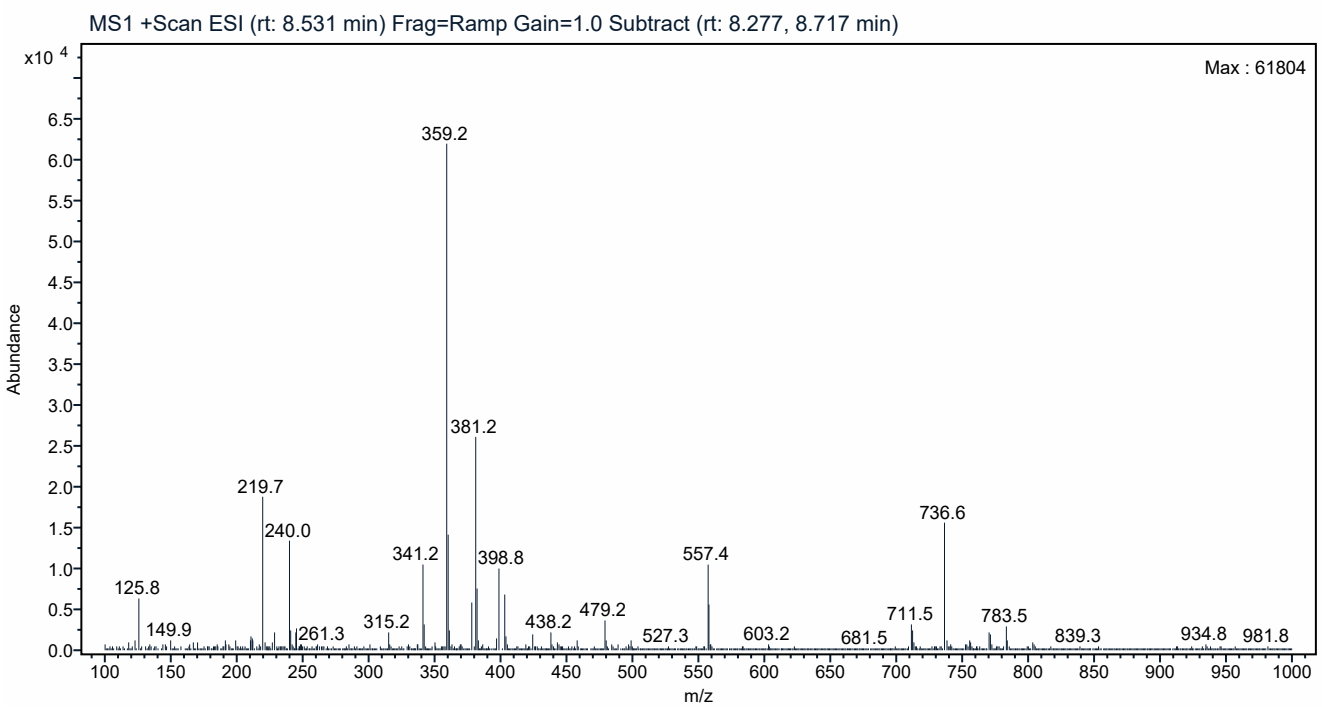


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	Plant material 26uL in 2mL MeOH-ACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-01 14:59:40-05:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-1-2426ul\Plant material 26uL in 2mL MeOH-ACN.sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.529



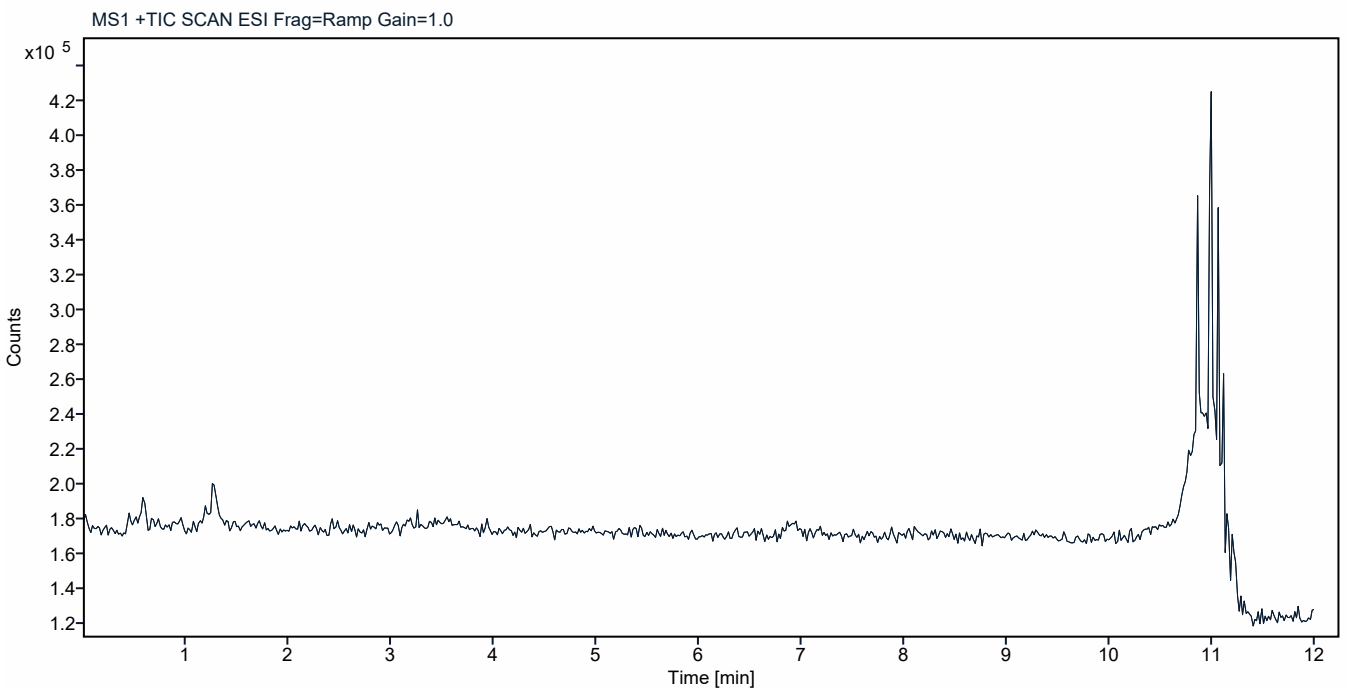
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.048	0.3236	1748416.5076	343596.0028	28.0309
7.355	0.3259	508307.4901	61057.7973	8.1493
7.745	0.3983	497951.2488	45262.5959	7.9832
8.529	0.4466	3482783.8373	296221.8768	55.8366

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank for PM MeOH-ACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-03 22:37:37-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\Blank for PM MeOH-ACN.sirslt

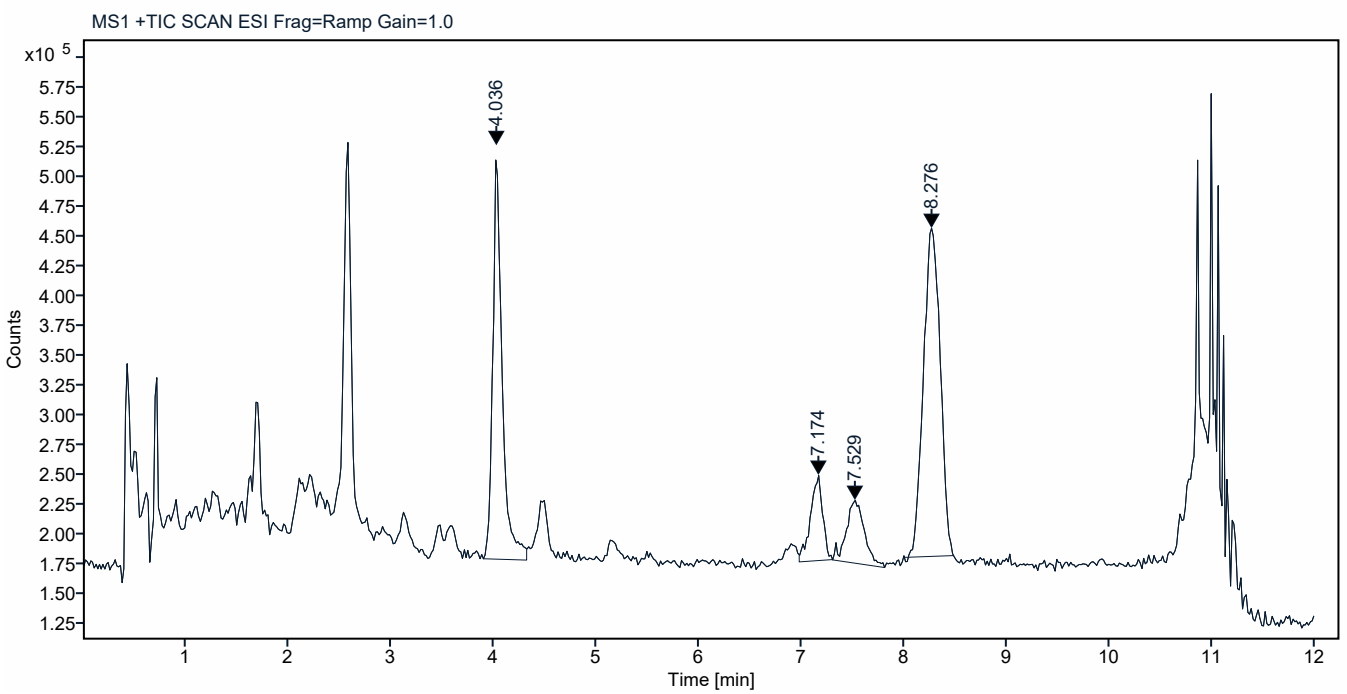


AK

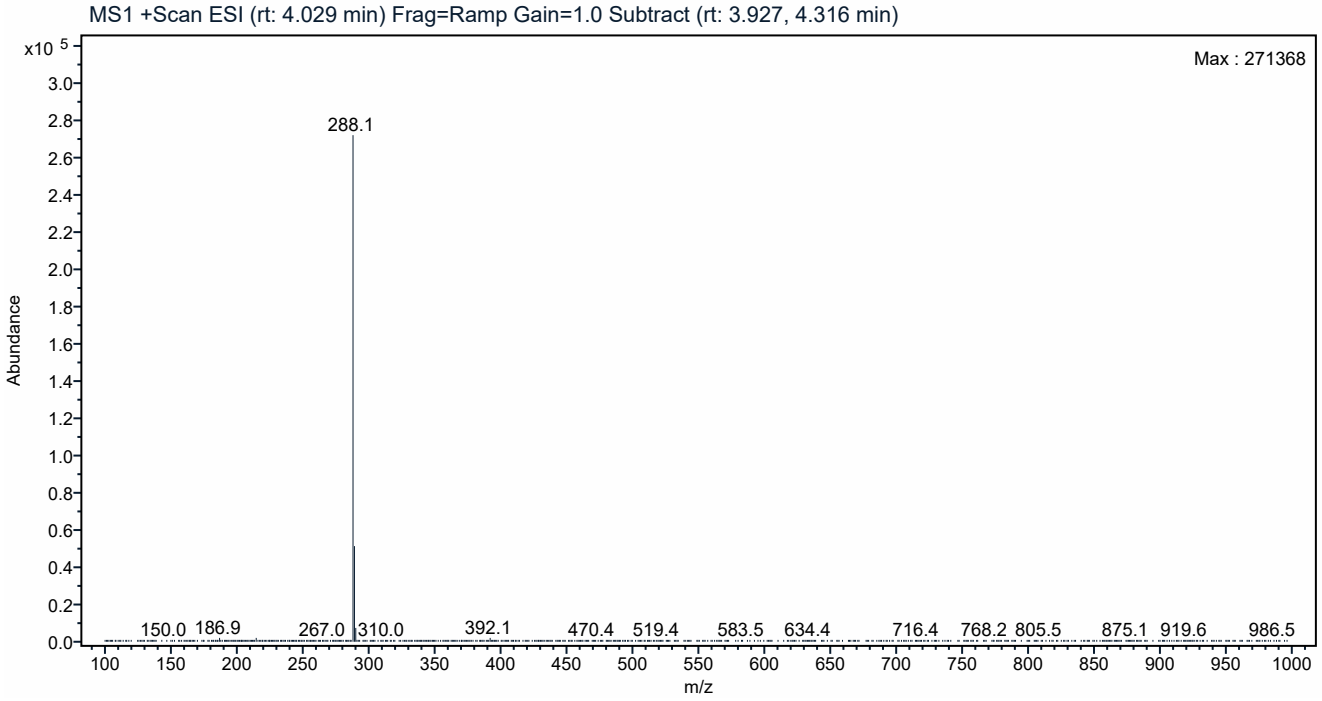
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-03 22:51:11-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\PM 26uL in 2mL MeOH-ACN.sirslt

Plant Material 2



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.036

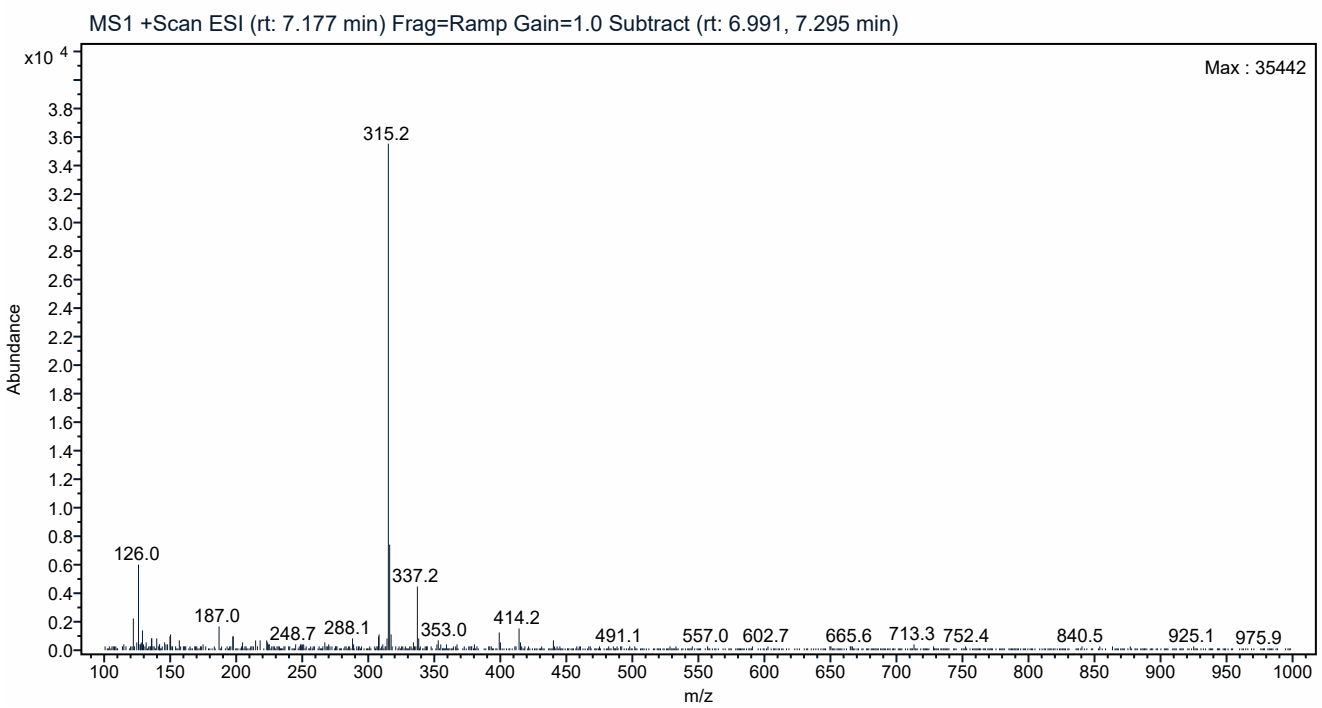


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-03 22:51:11-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\PM 26uL in 2mL MeOH-ACN.sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.174

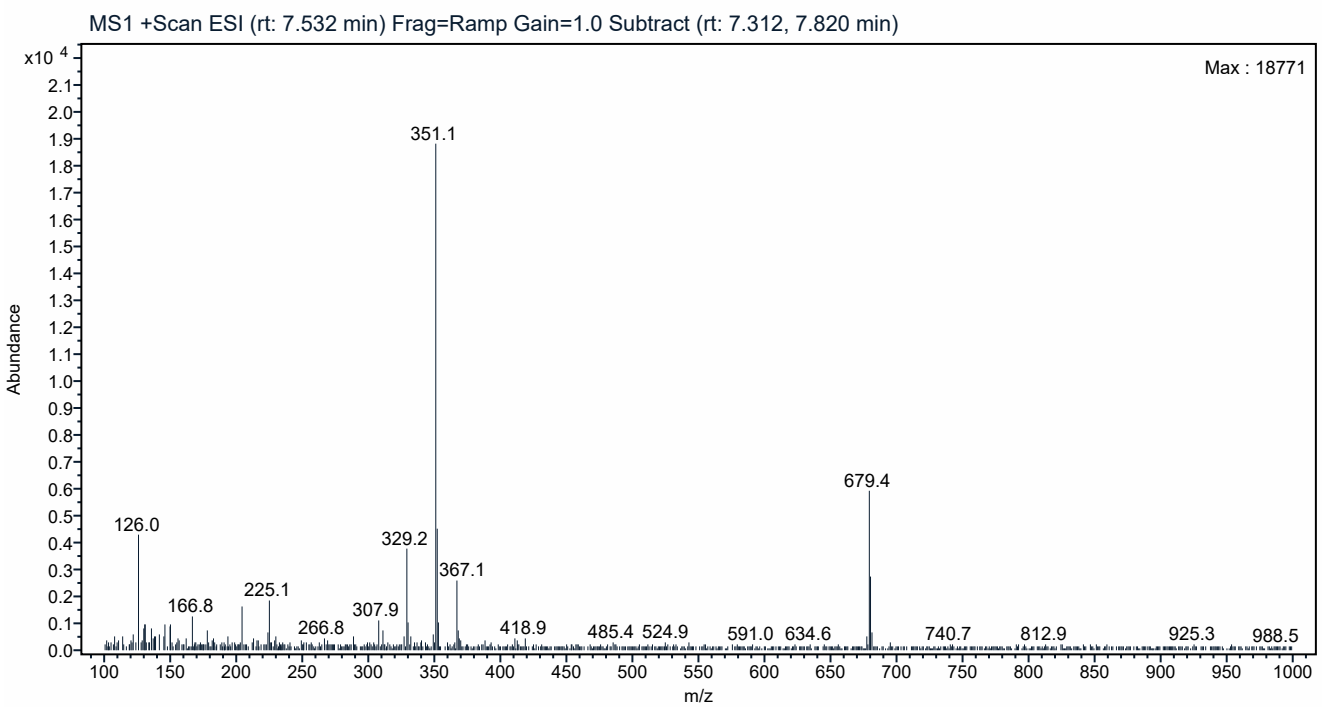


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-03 22:51:11-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\PM 26uL in 2mL MeOH-ACN.sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.529

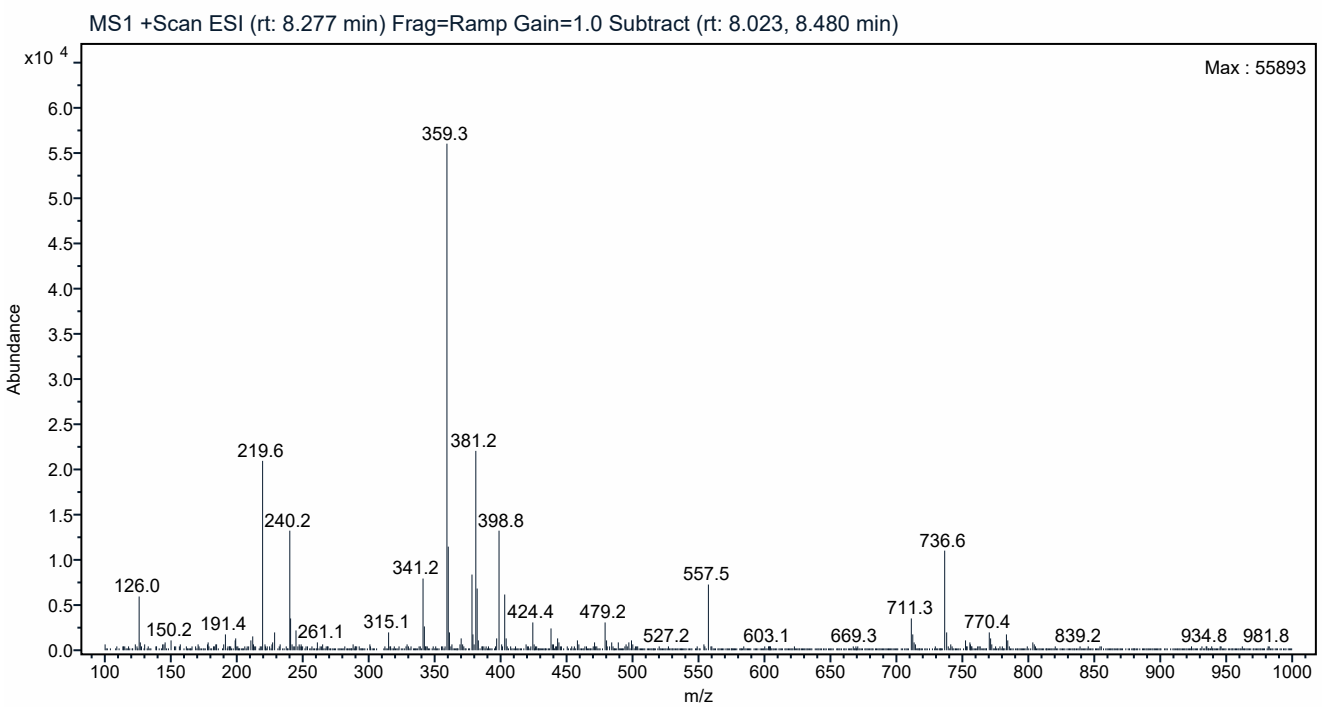


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-03 22:51:11-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\PM 26uL in 2mL MeOH-ACN.sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.276

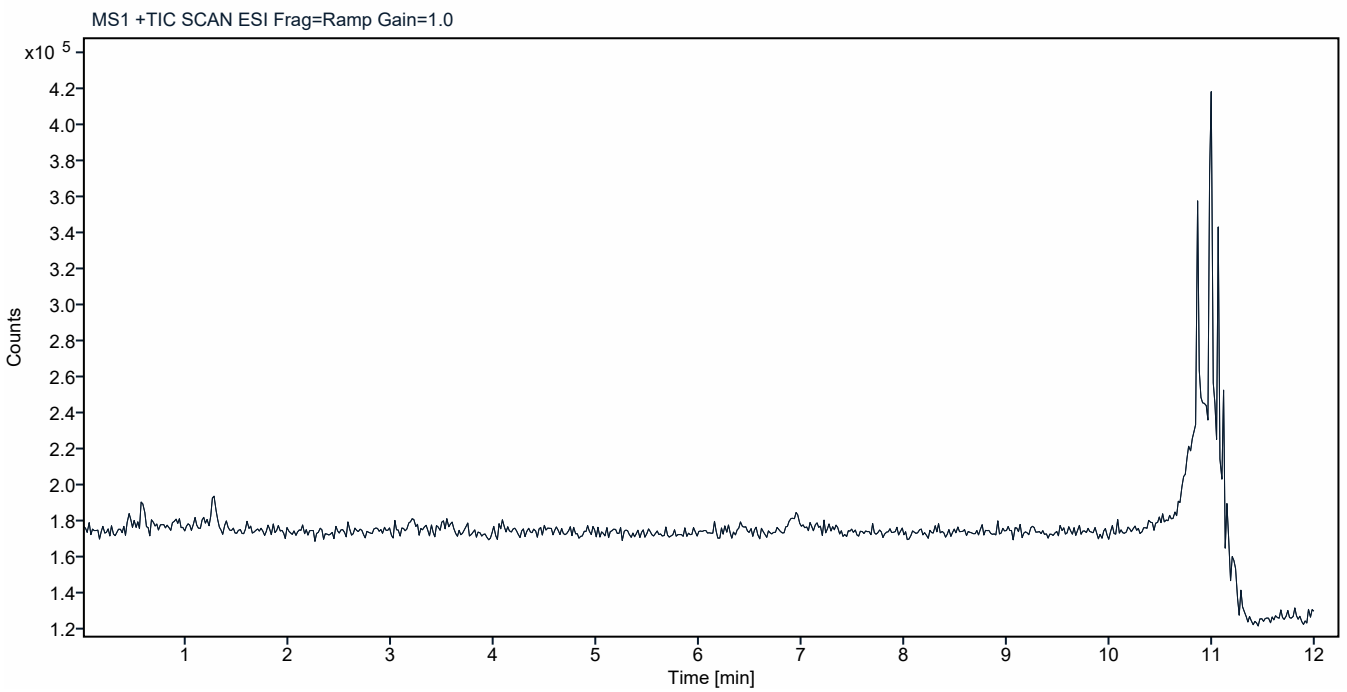


Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.036	0.4207	2146121.4224	347409.5733	32.9870
7.174	0.3245	589428.0658	71805.5045	9.0598
7.529	0.5078	644436.8056	52914.4243	9.9053
8.276	0.4799	3125981.2870	275543.8970	48.0479

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank PM MeOH-ACN (2).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-03 23:59:10-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\Blank PM MeOH-ACN (2).sirslt

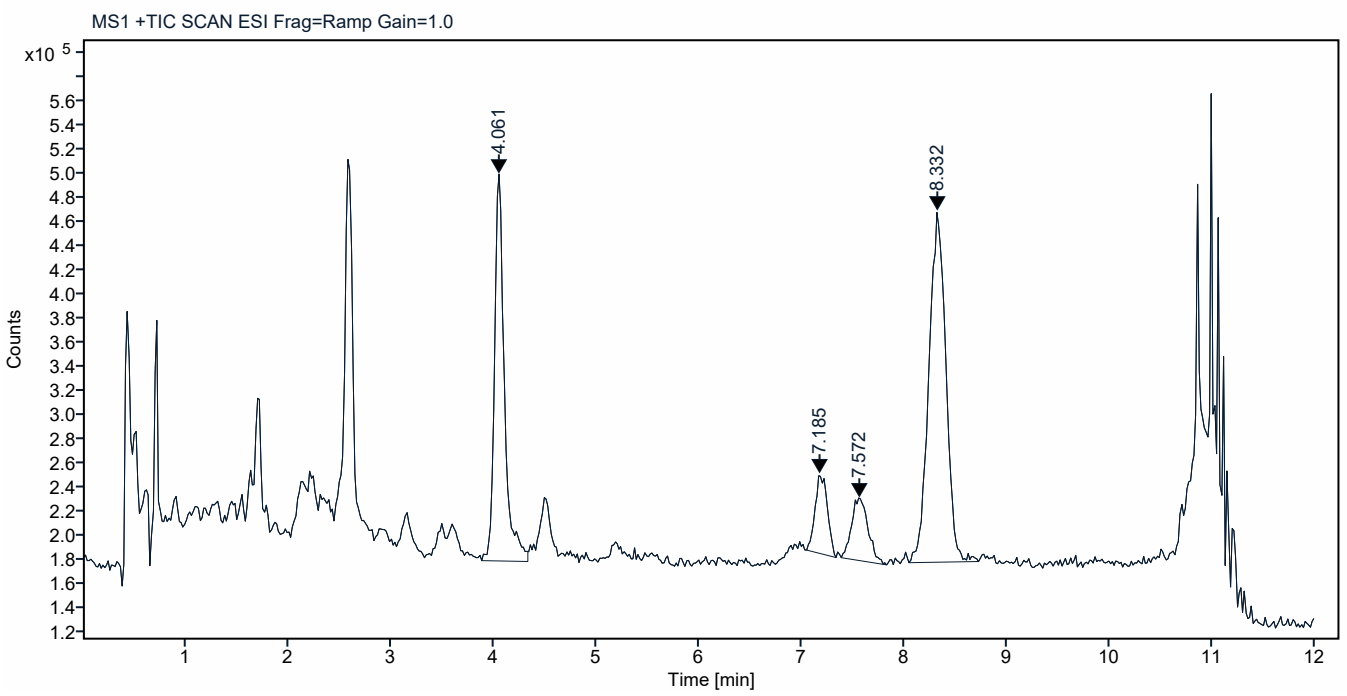


AK

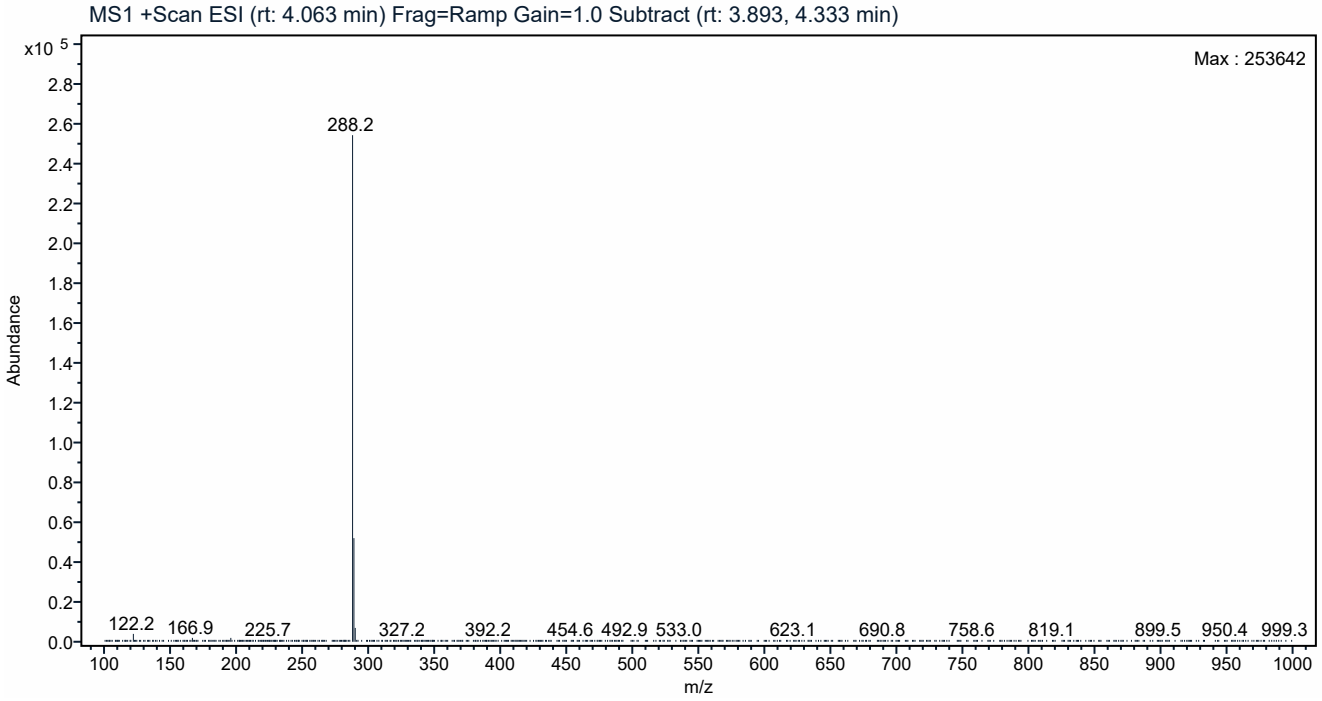
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (2).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-04 00:12:44-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\PM 26uL in 2mL MeOH-ACN (2).sirslt

Plant Material 3



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.061

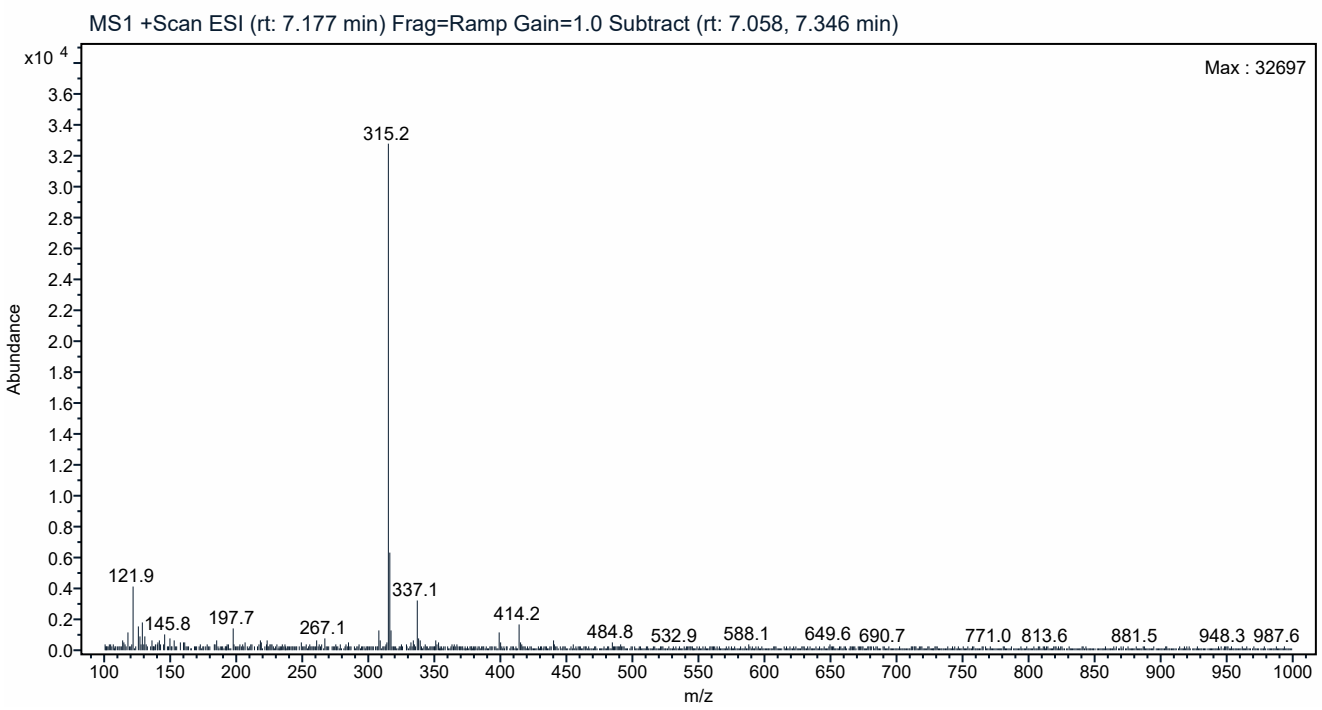


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (2).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-04 00:12:44-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\PM 26uL in 2mL MeOH-ACN (2).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.185

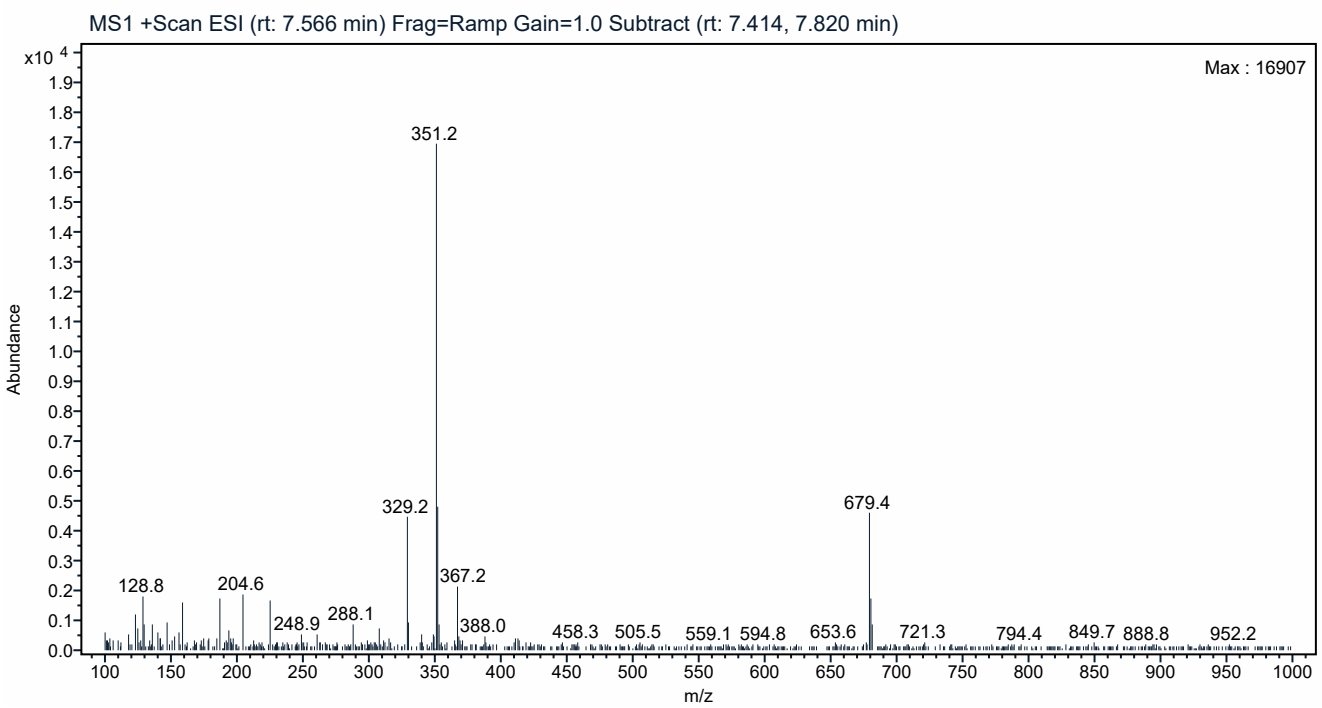


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (2).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-04 00:12:44-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\PM 26uL in 2mL MeOH-ACN (2).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.572

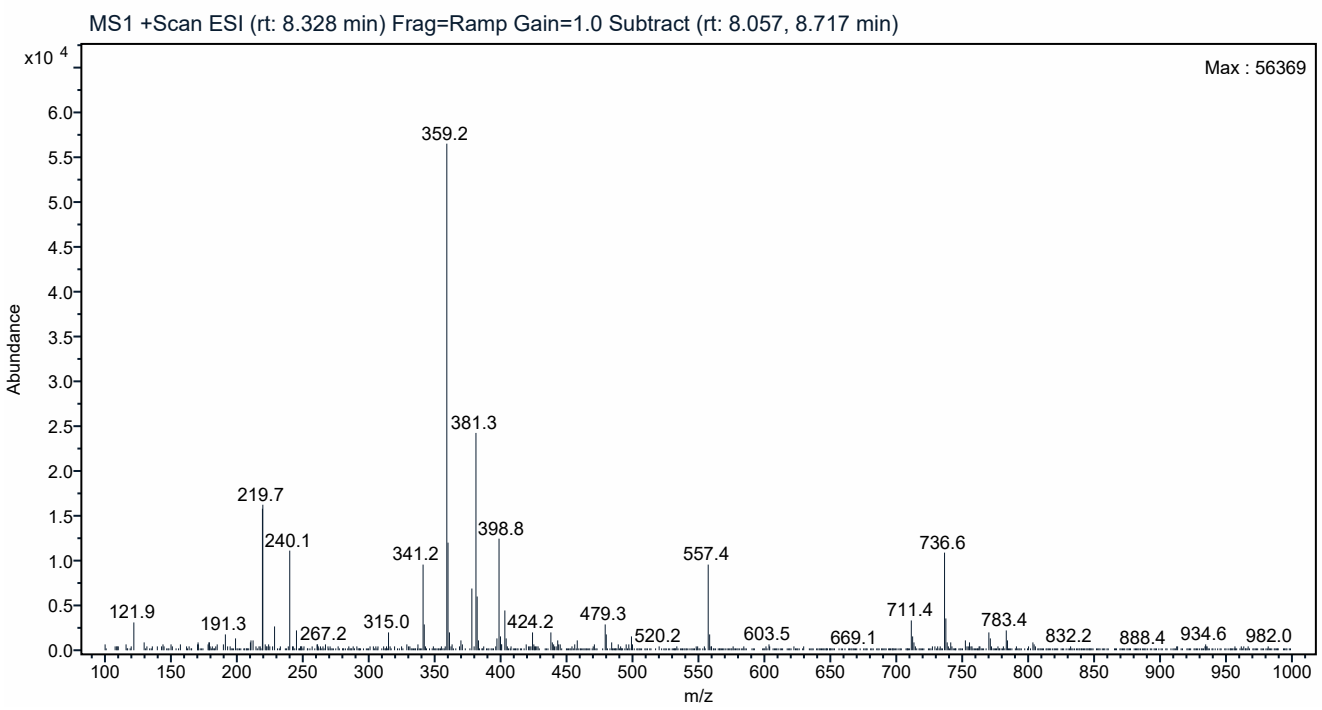


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (2).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-04 00:12:44-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\PM 26uL in 2mL MeOH-ACN (2).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.332



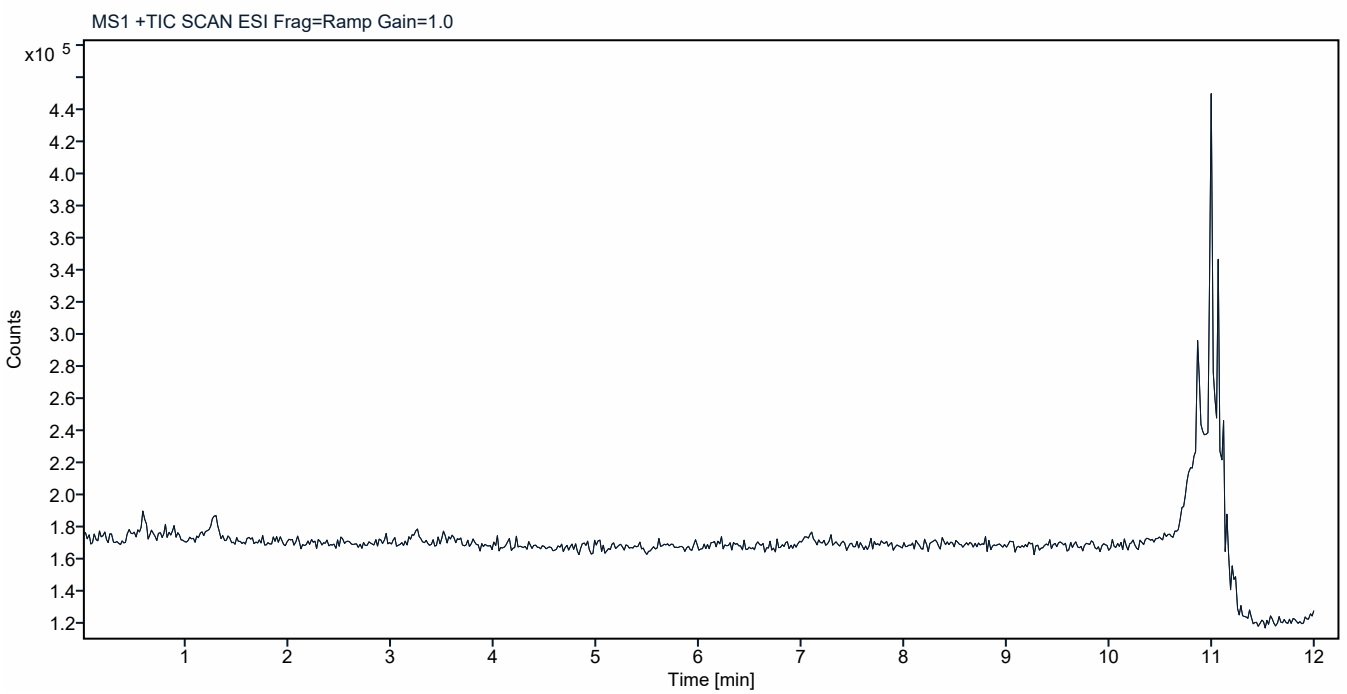
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.061	0.4495	2156000.4083	320894.6959	32.4823
7.185	0.2877	545568.3326	66217.7852	8.2195
7.572	0.4398	578803.8712	52196.0496	8.7203
8.332	0.6764	3357087.8419	291329.3814	50.5779

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank PM MeOH-ACN (4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-04 09:50:48-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\Blank PM MeOH-ACN (4).sirslt

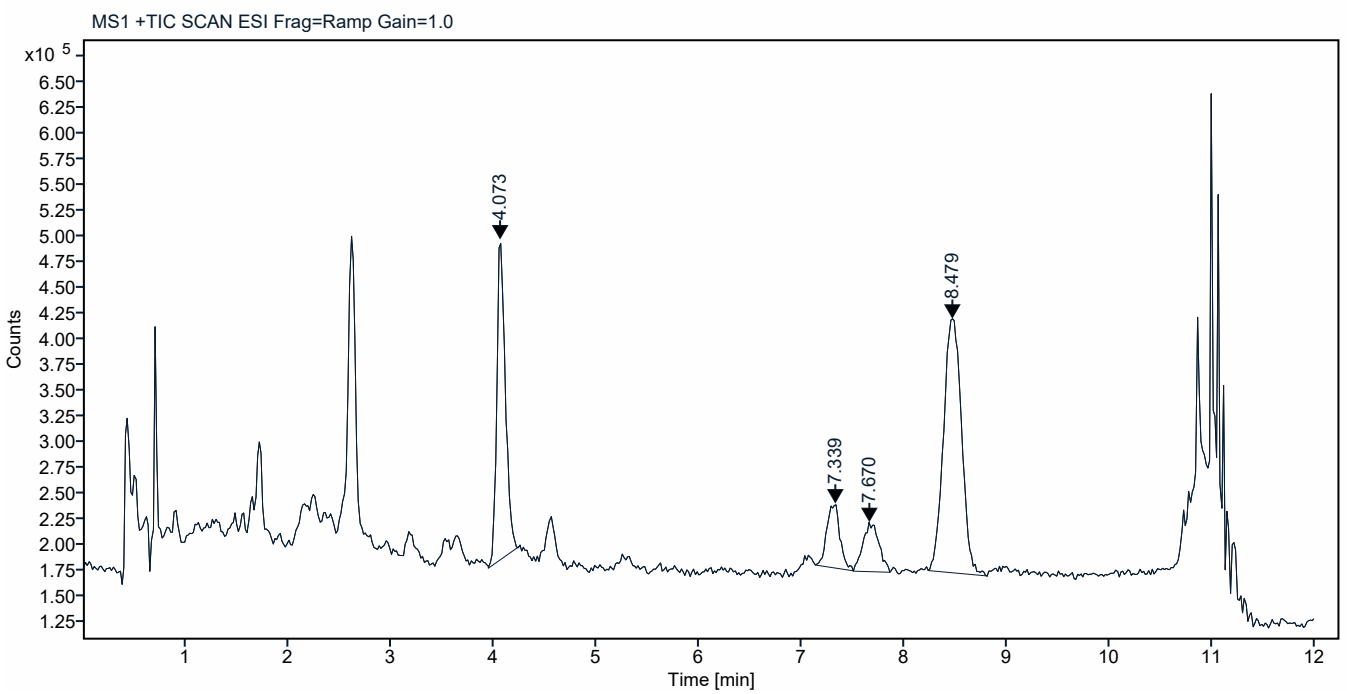


AK

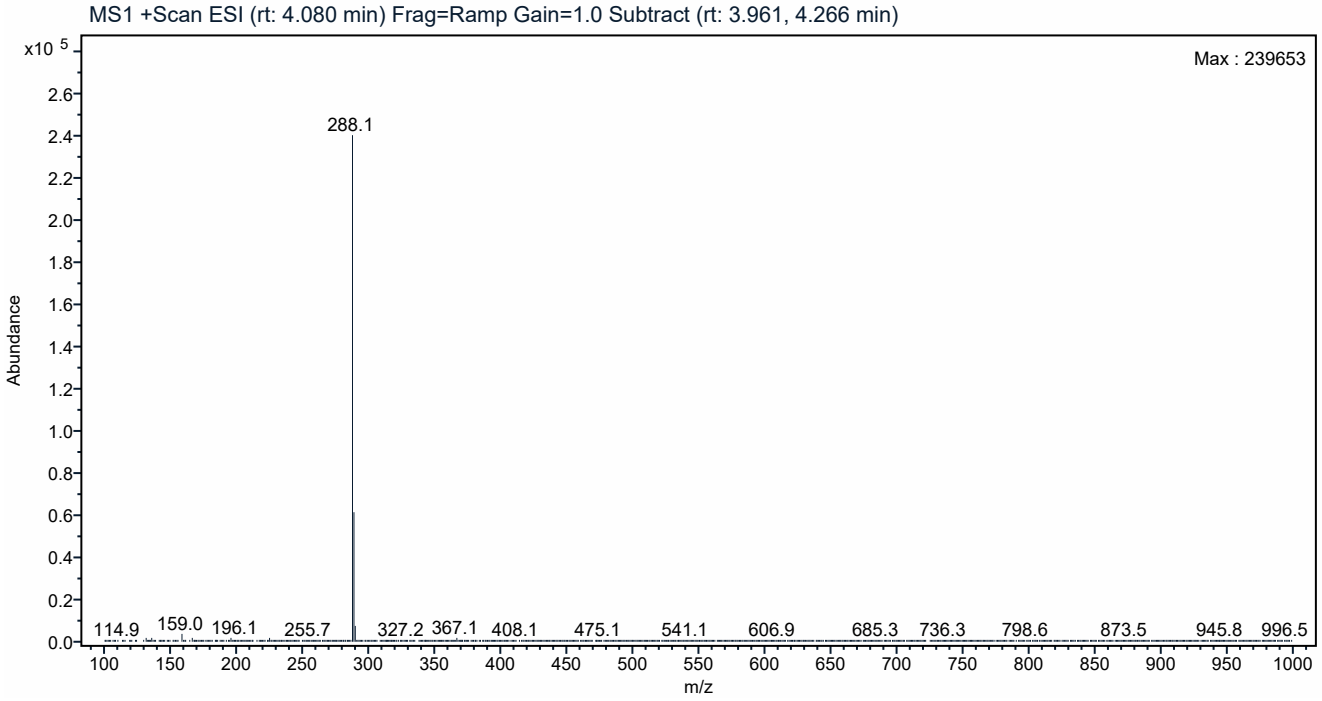
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-04 10:04:22-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\PM 26uL in 2mL MeOH-ACN (4).sirslt

Plant Material 4



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.073

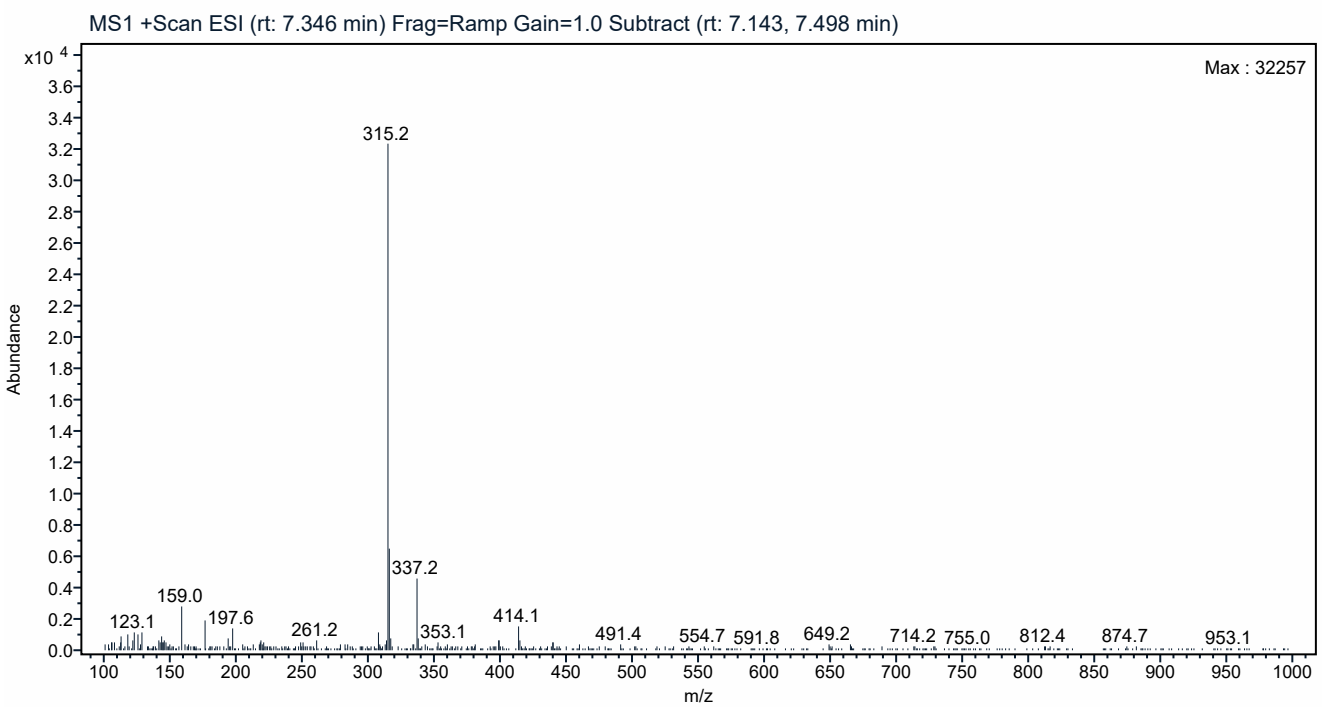


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-04 10:04:22-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\PM 26uL in 2mL MeOH-ACN (4).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.339

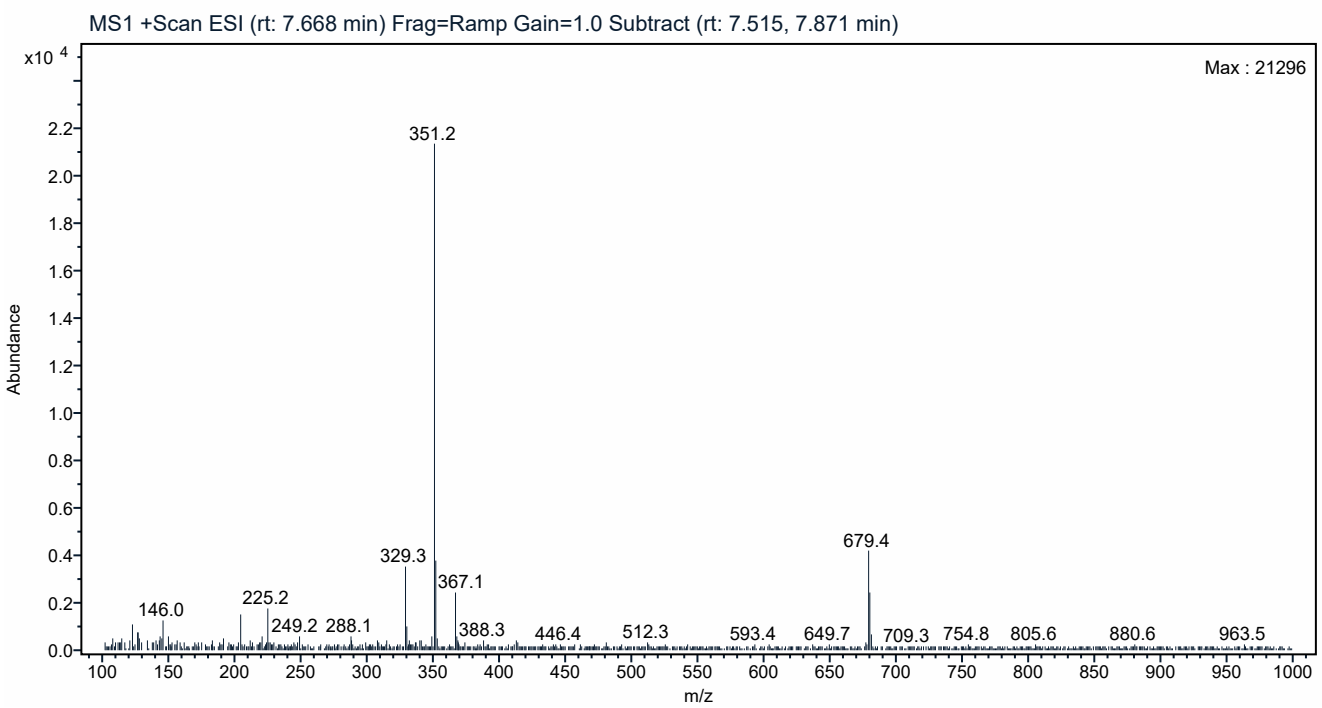


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-04 10:04:22-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\PM 26uL in 2mL MeOH-ACN (4).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.670

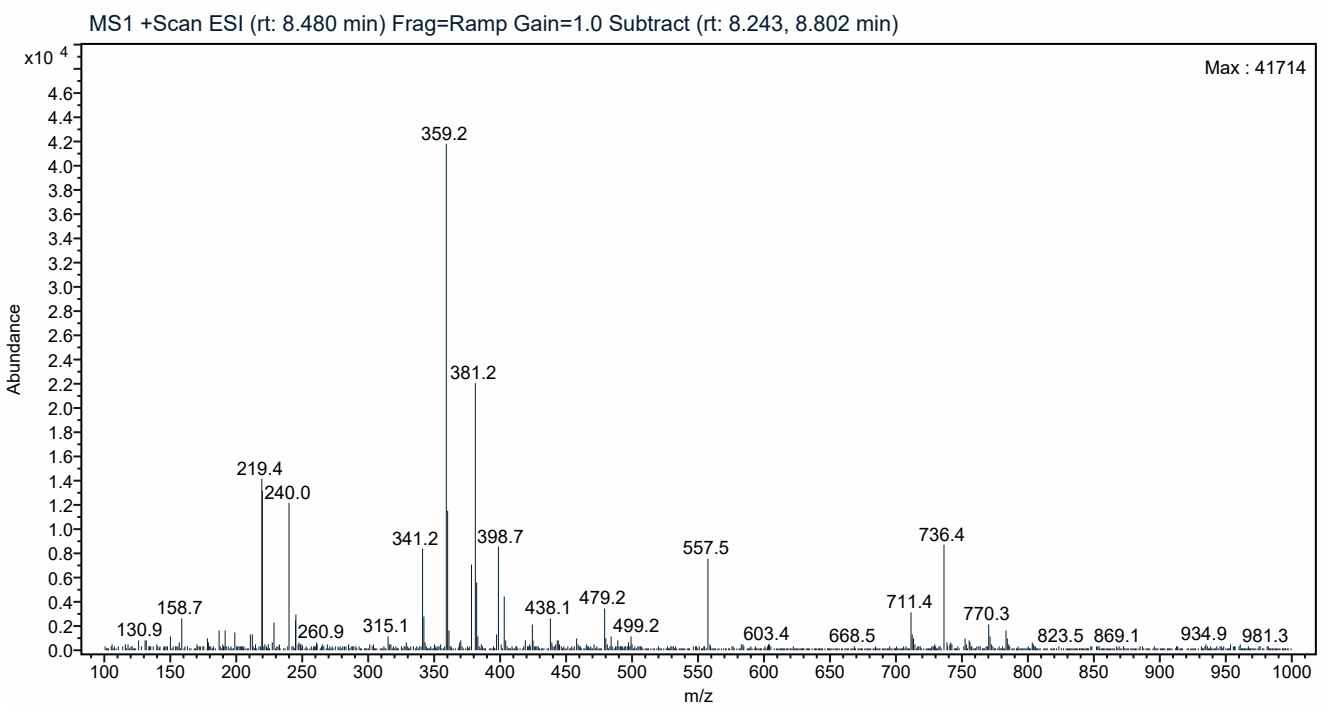


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-04 10:04:22-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\PM 26uL in 2mL MeOH-ACN (4).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.479

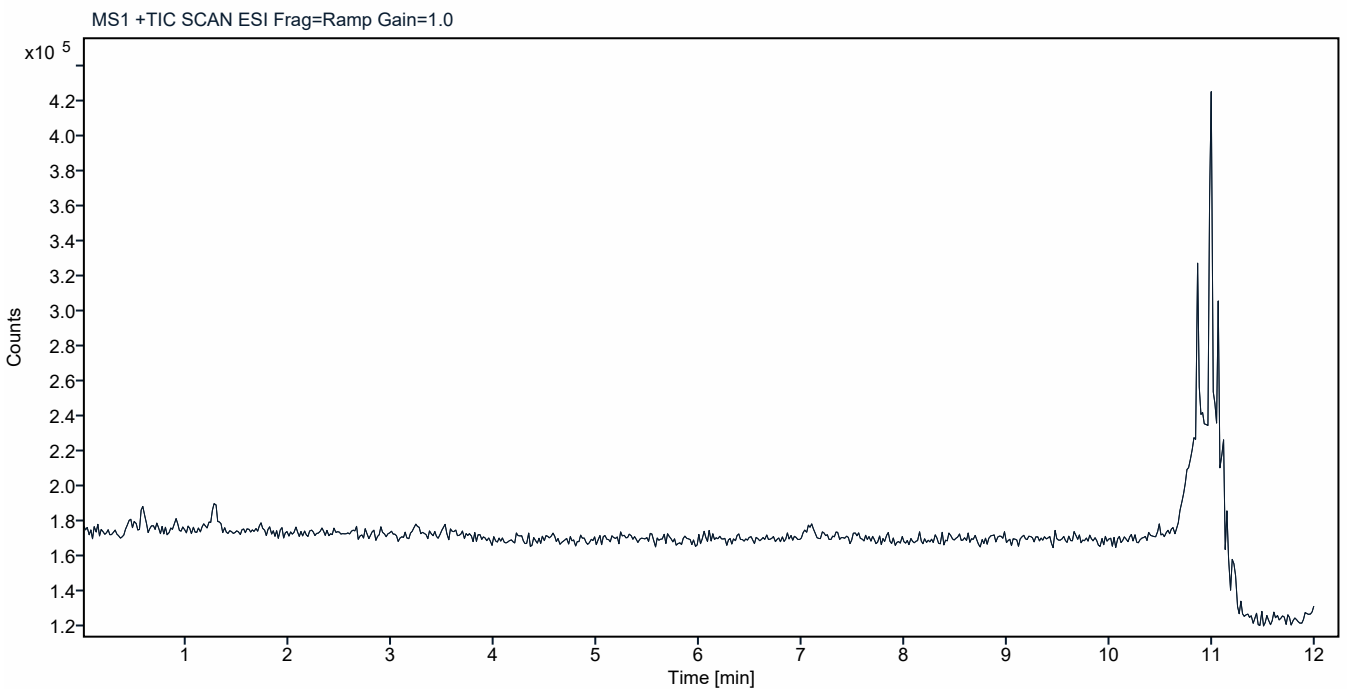


Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.073	0.3104	1806952.2175	311610.0157	30.6168
7.339	0.3711	552753.1800	62721.3415	9.3658
7.670	0.3555	517470.4847	48100.3142	8.7680
8.479	0.5694	3024662.6427	247046.6464	51.2495

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank PM MeOH-ACN (5).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-04 10:31:34-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\Blank PM MeOH-ACN (5).sirslt

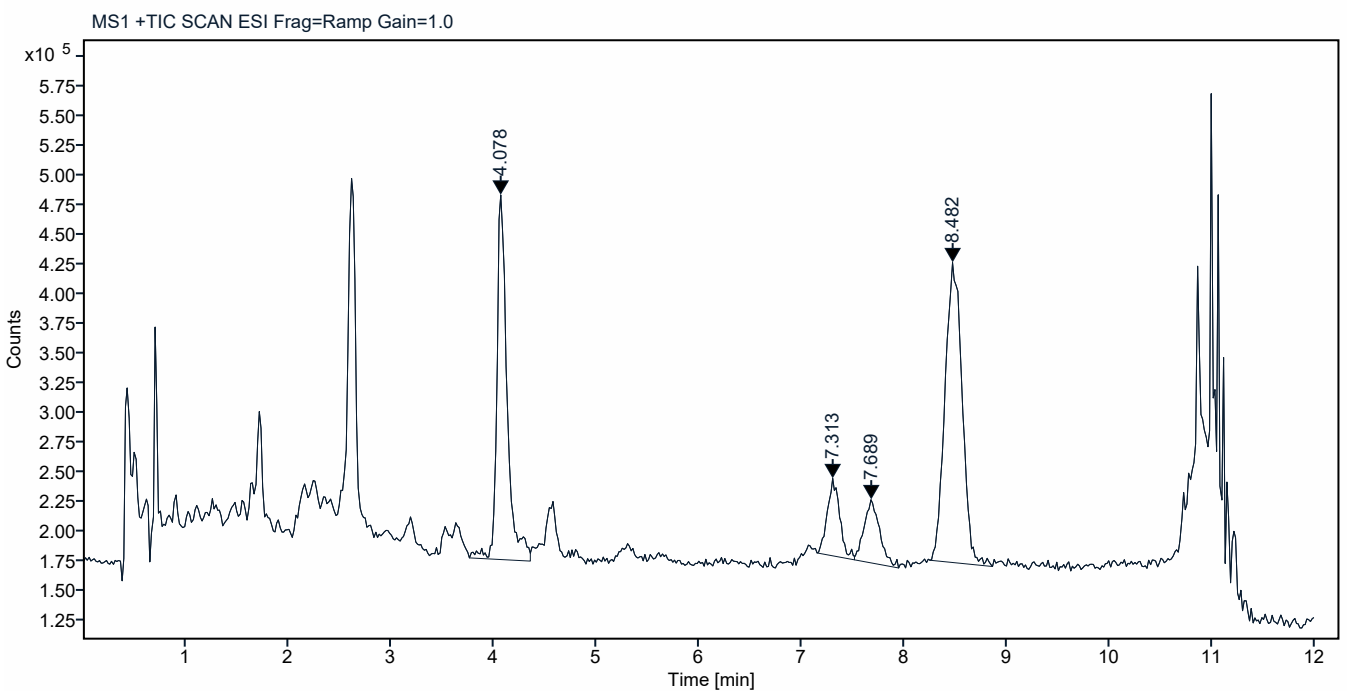


AK

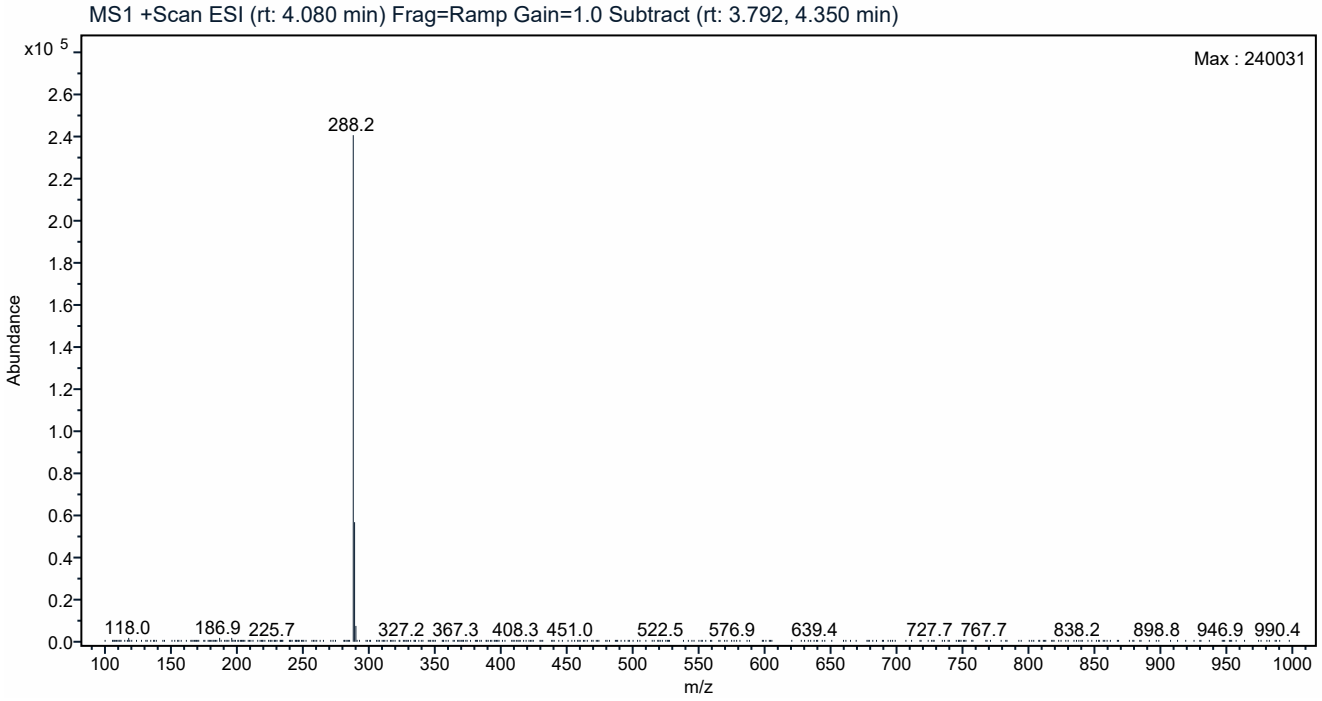
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (5).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-04 10:45:08-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\PM 26uL in 2mL MeOH-ACN (5).sirslt

Plant Material 5



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.078

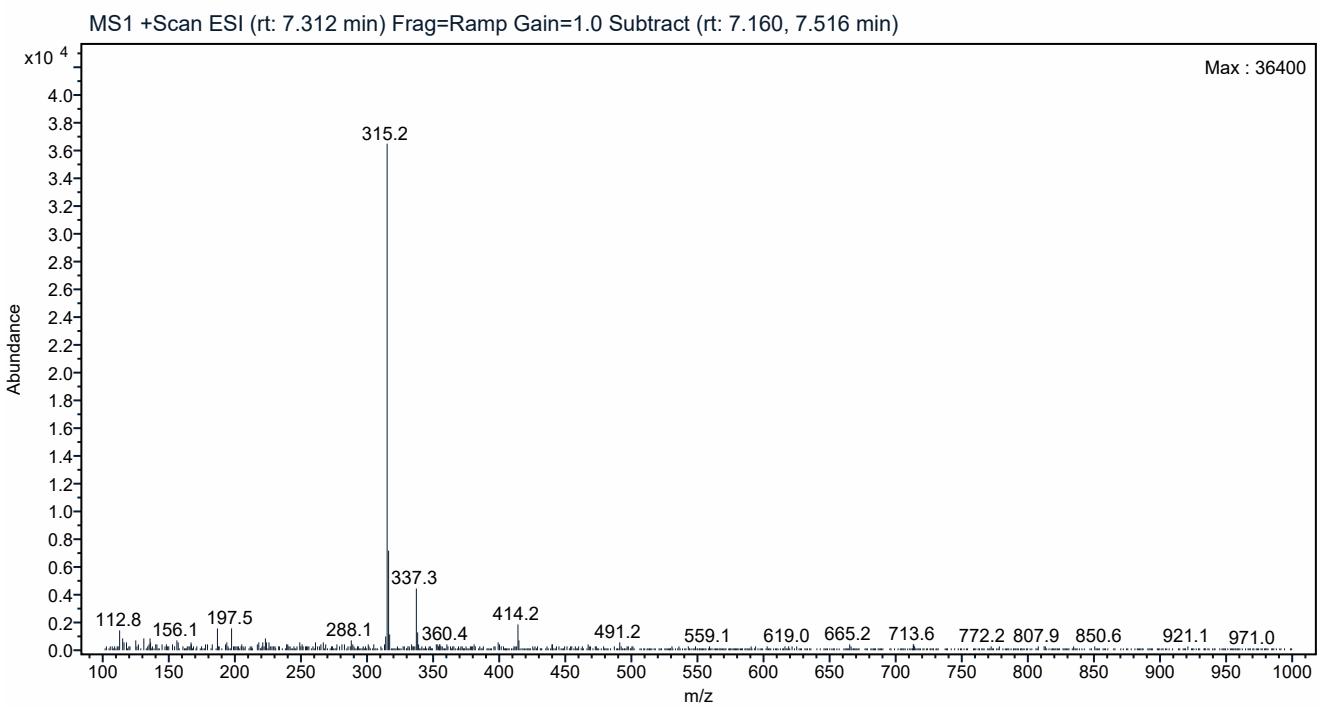


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (5).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-04 10:45:08-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\PM 26uL in 2mL MeOH-ACN (5).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.313

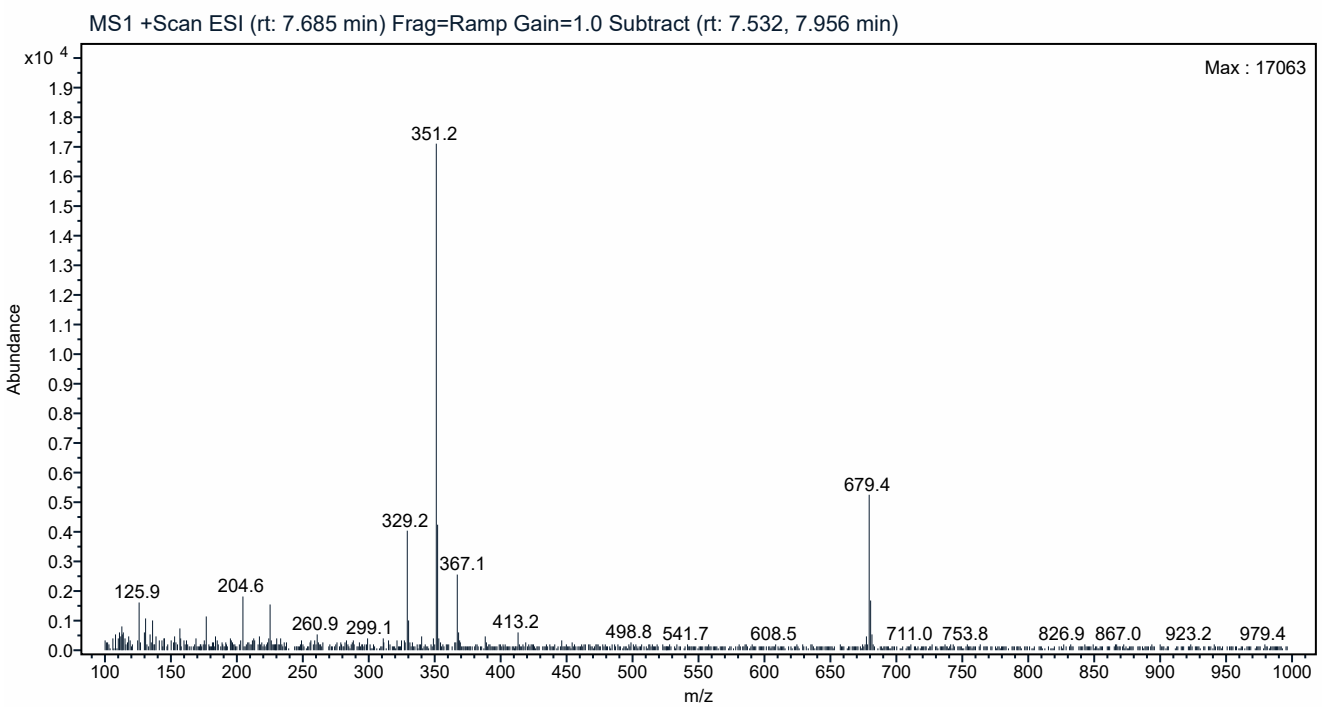


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (5).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-04 10:45:08-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\PM 26uL in 2mL MeOH-ACN (5).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.689

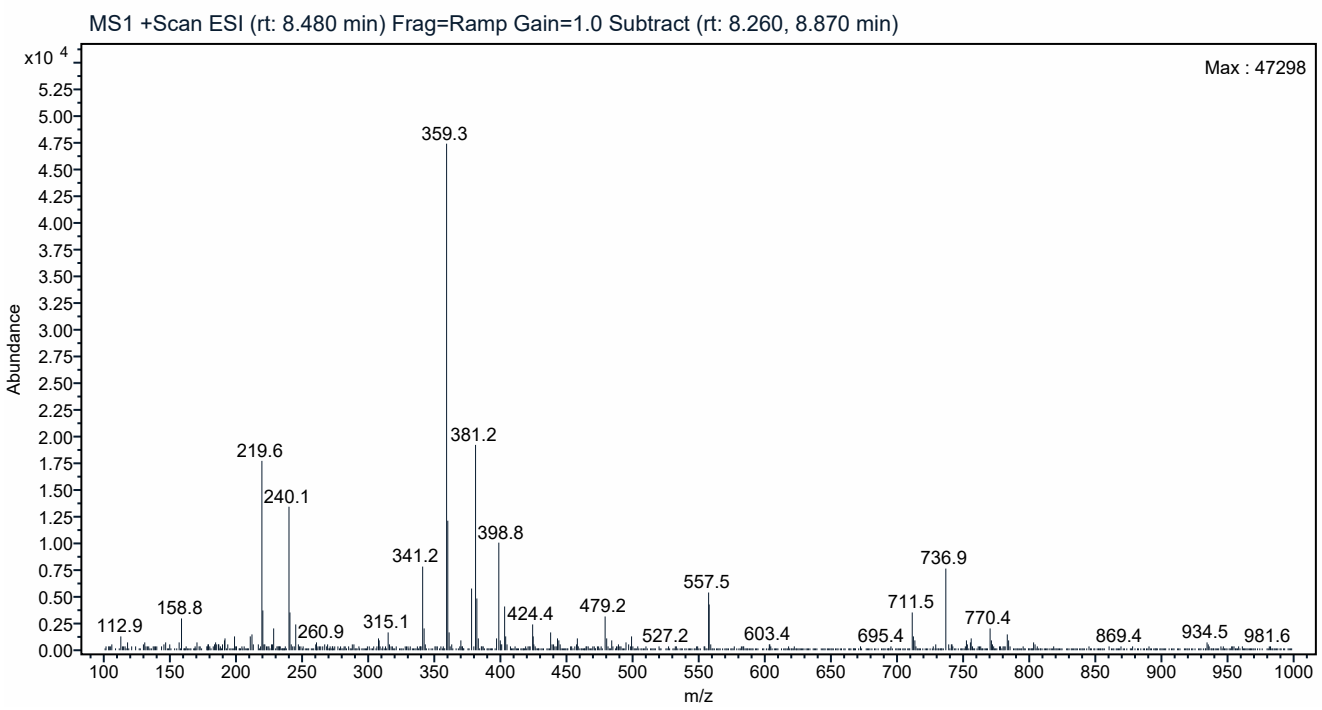


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (5).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-04 10:45:08-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\PM 26uL in 2mL MeOH-ACN (5).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.482



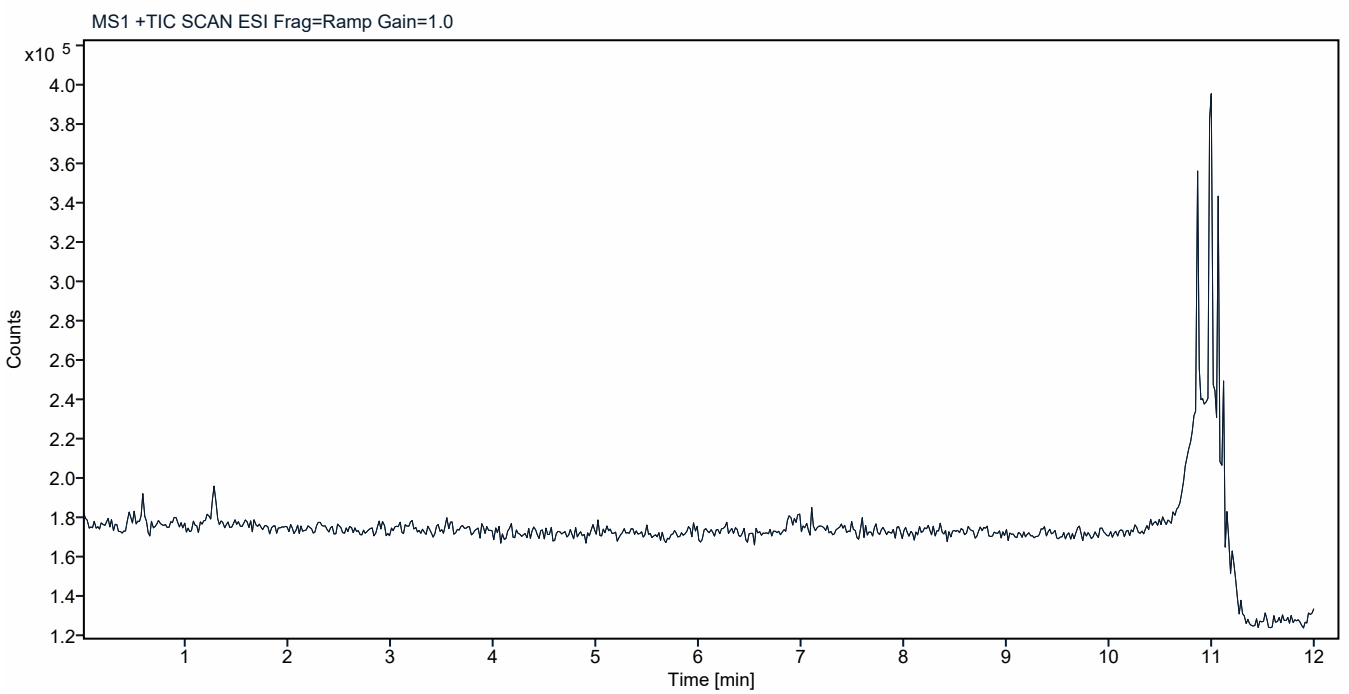
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.078	0.5919	2132673.8221	307349.2884	34.5396
7.313	0.3650	543746.5118	65301.4330	8.8062
7.689	0.4305	561363.3516	53535.5419	9.0915
8.482	0.6093	2936795.2841	252955.4042	47.5627

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank PM MeOH-ACN (6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-04 11:12:21-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\Blank PM MeOH-ACN (6).sirslt

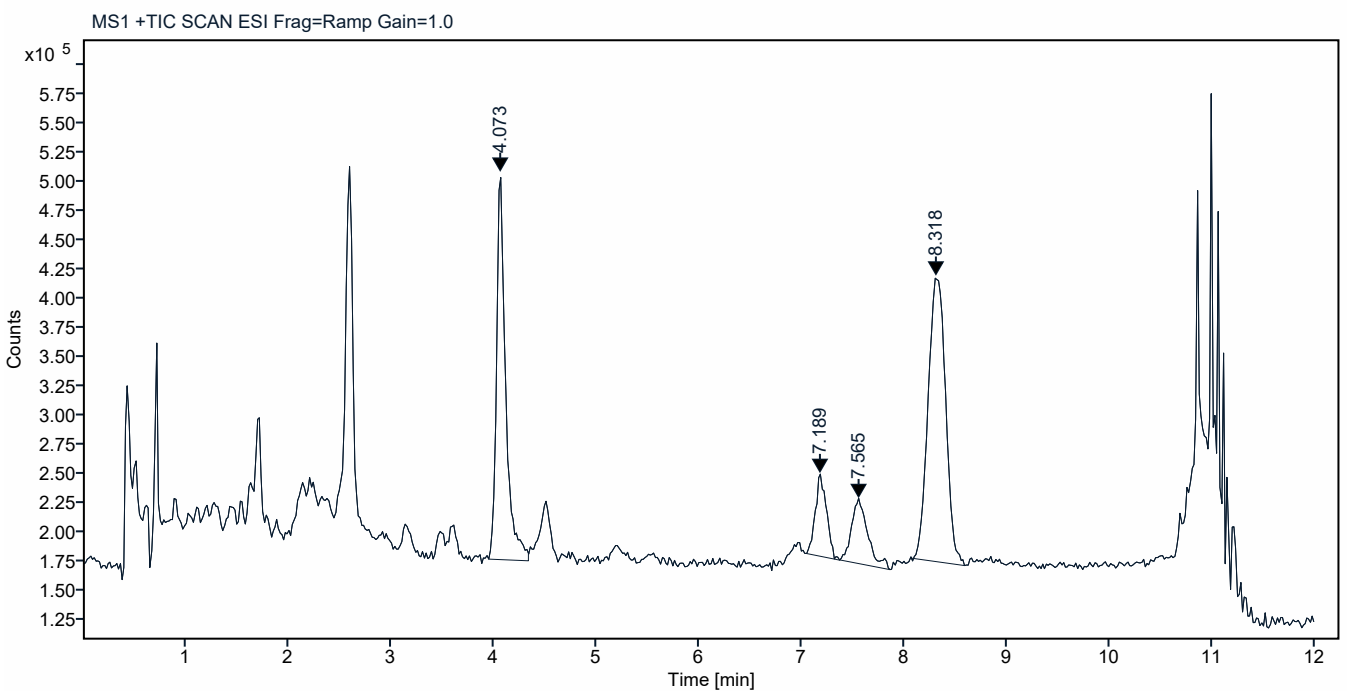


AK

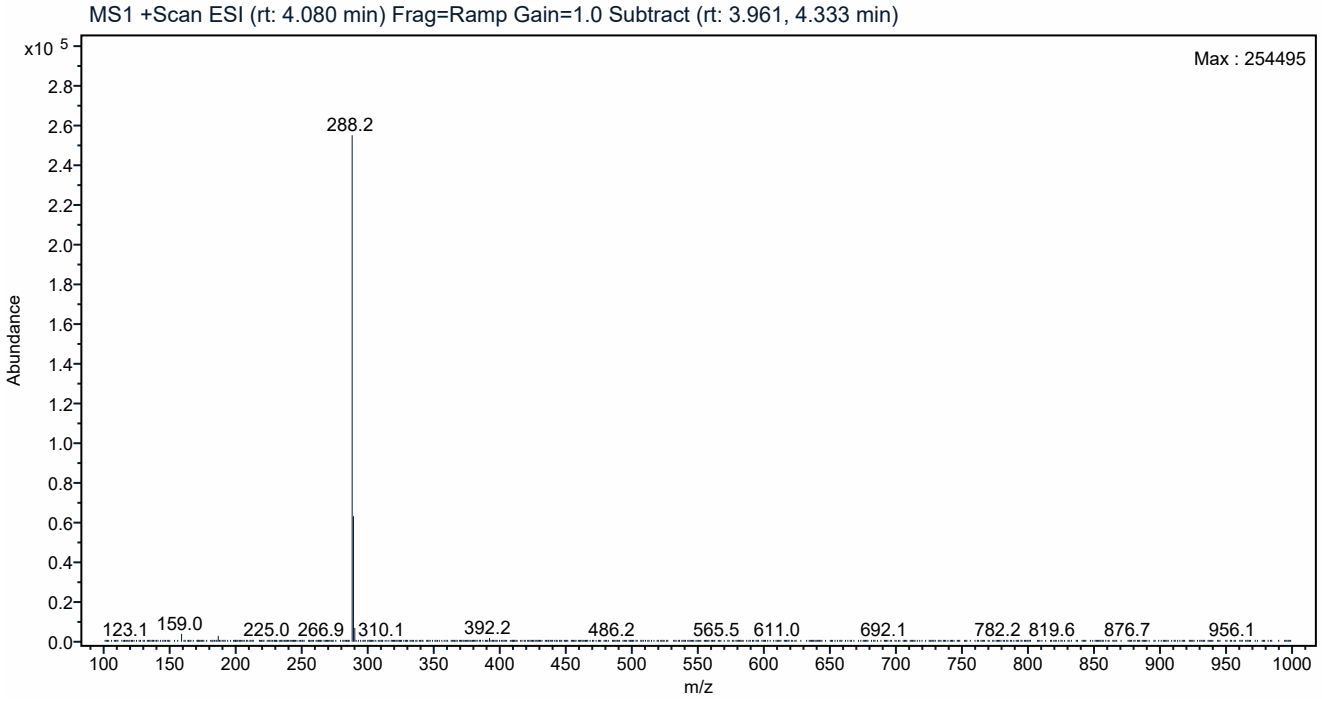
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-04 11:25:54-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\PM 26uL in 2mL MeOH-ACN (6).sirslt

Plant Material 6



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.073

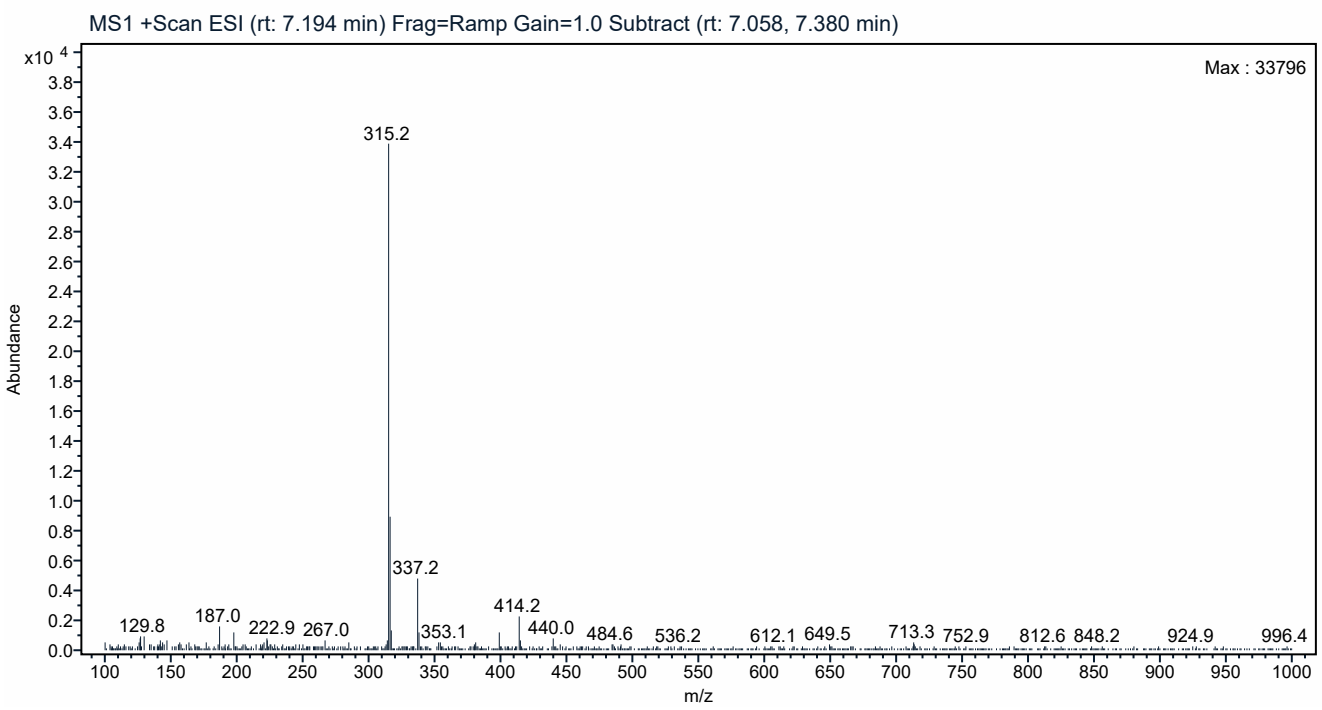


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-04 11:25:54-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\PM 26uL in 2mL MeOH-ACN (6).sirslt

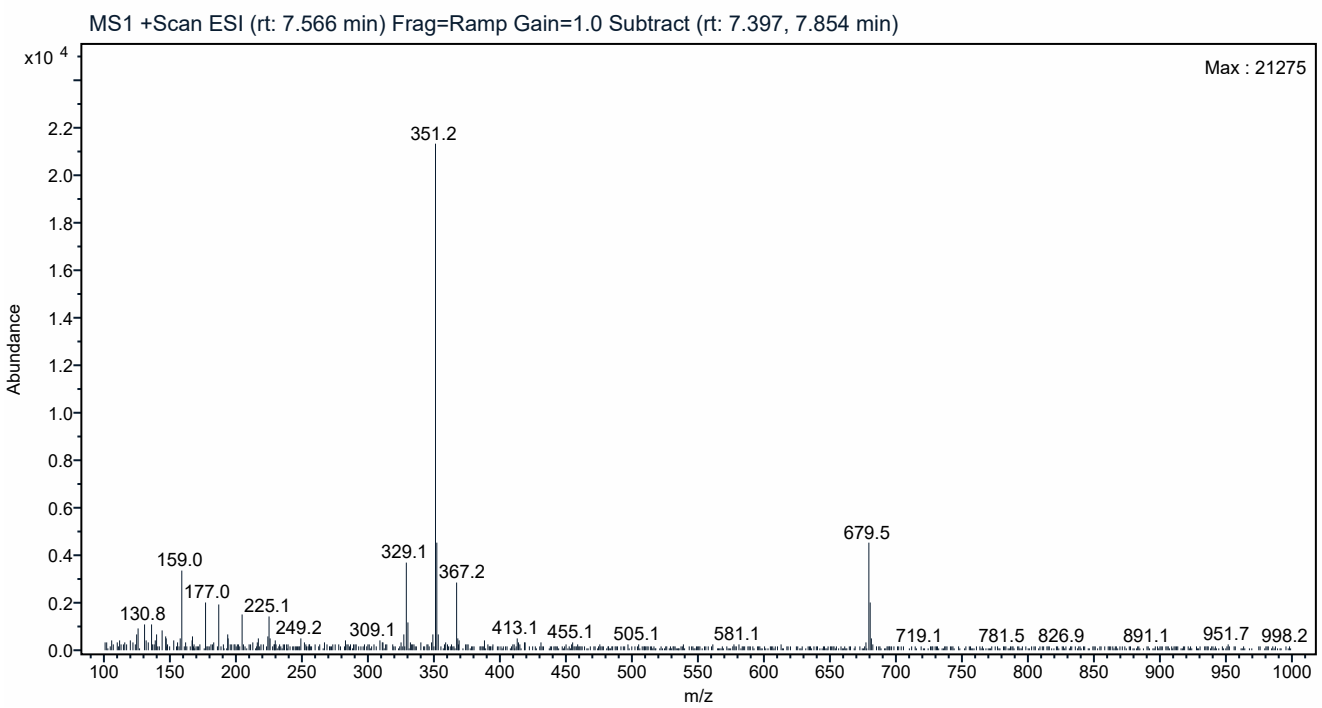
Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.189



Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-04 11:25:54-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\PM 26uL in 2mL MeOH-ACN (6).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.565

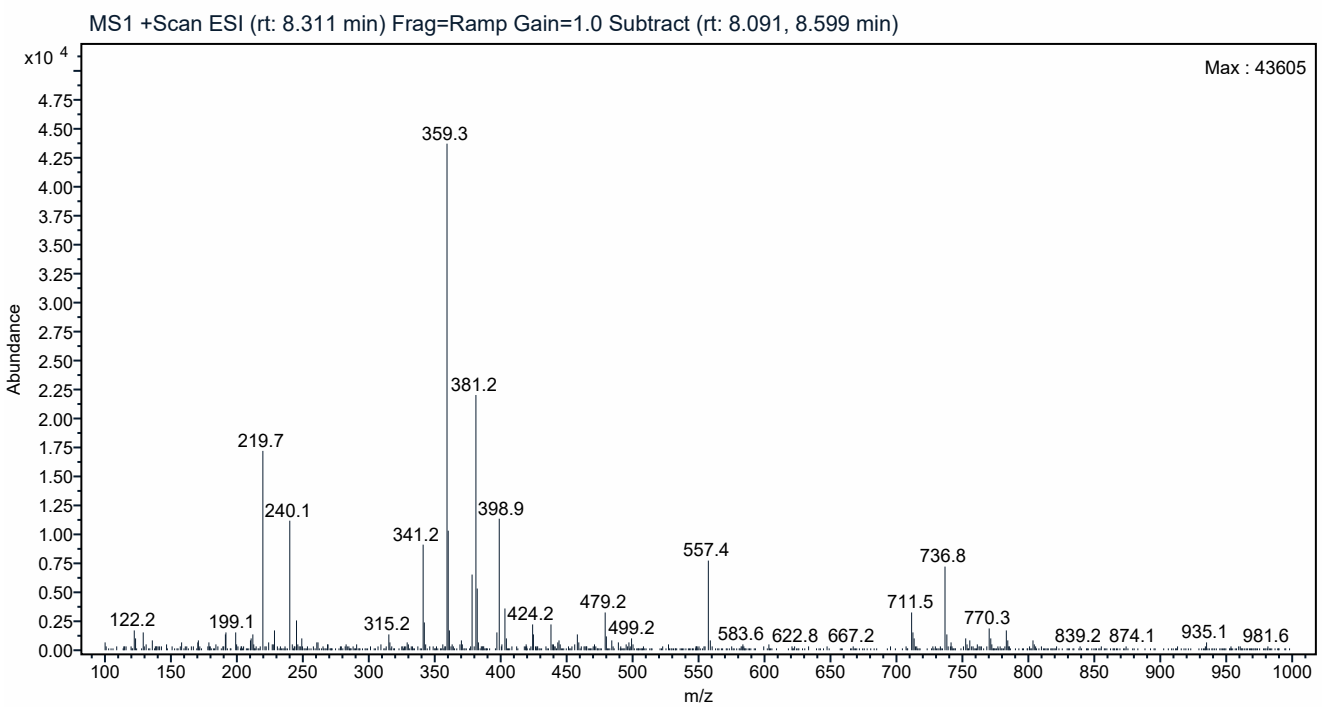


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-04 11:25:54-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-3-24\PM 26uL in 2mL MeOH-ACN (6).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.318

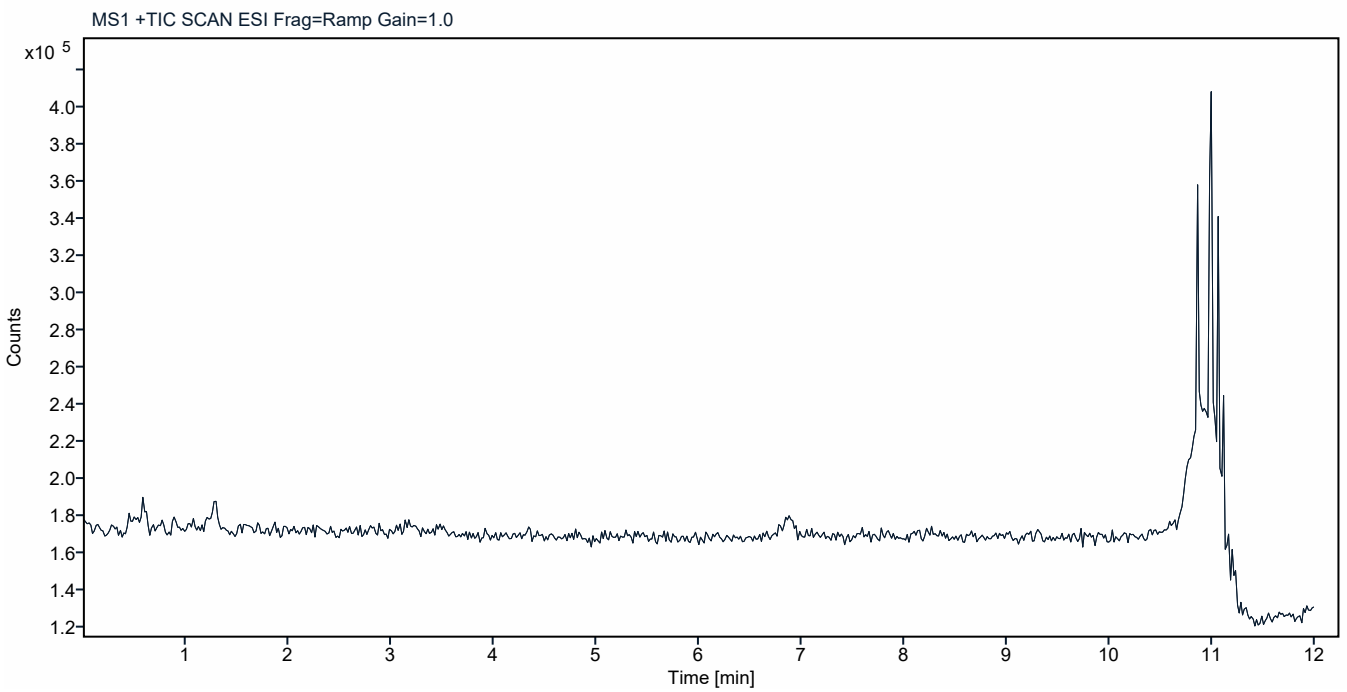


Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.073	0.3873	2047094.5161	331930.8240	33.6882
7.189	0.3216	530567.1831	71072.3056	8.7313
7.565	0.4890	605077.7366	55907.6665	9.9575
8.318	0.5193	2893857.2442	244699.7057	47.6230

Analysis Report

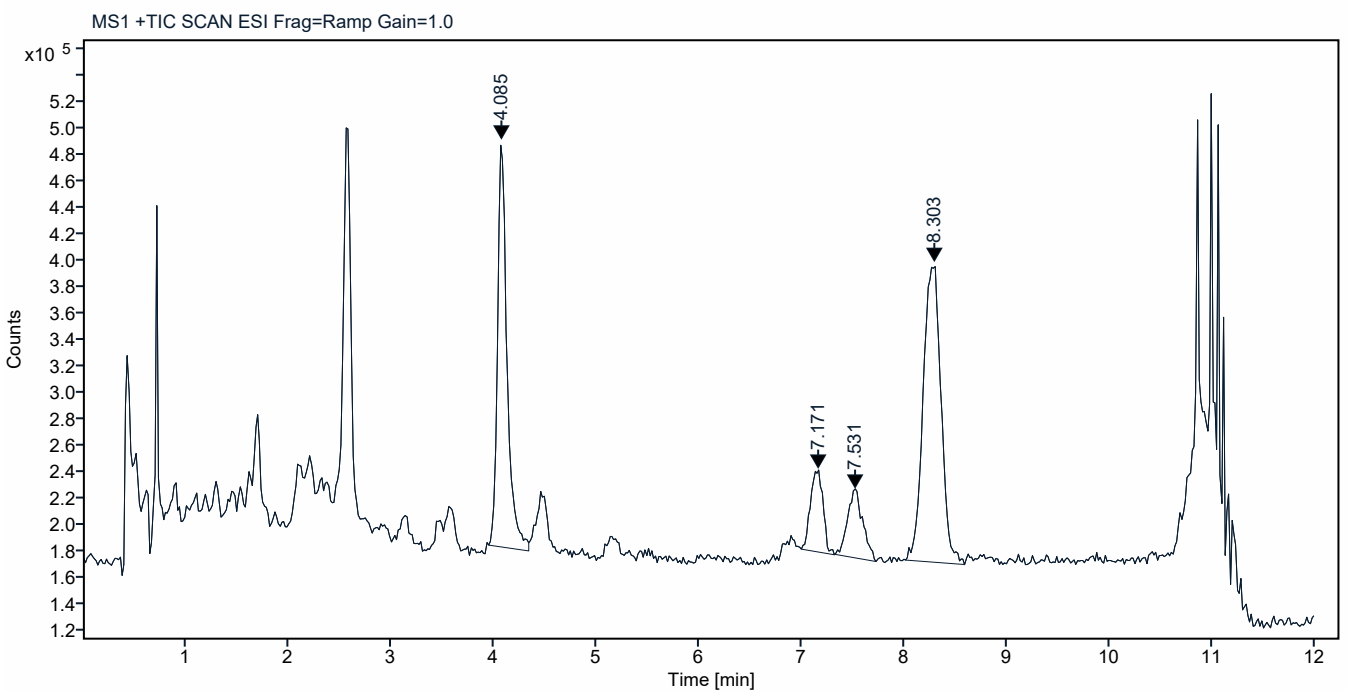
Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank for PM MeOH-ACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-05 07:13:07-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\Blank for PM MeOH-ACN.sirslt



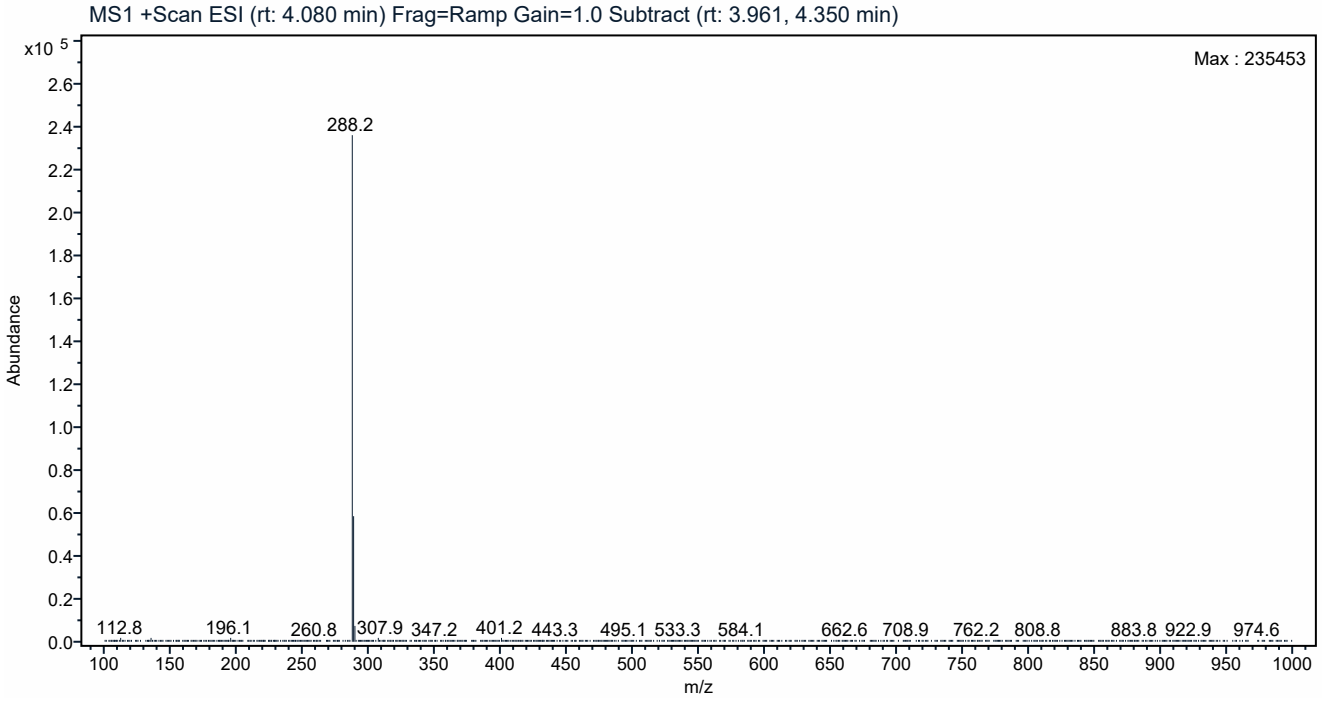
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 07:26:41-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN.sirslt

Plant Material 7



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.085

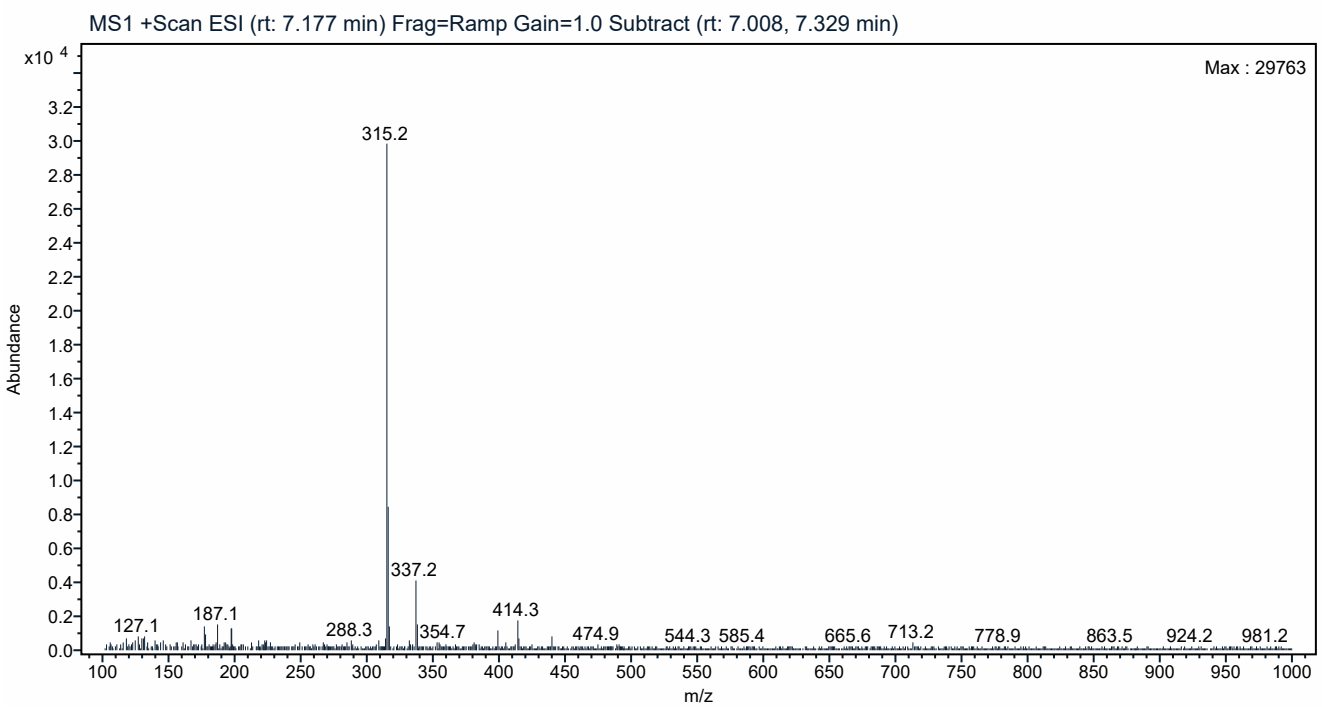


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 07:26:41-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN.sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.171

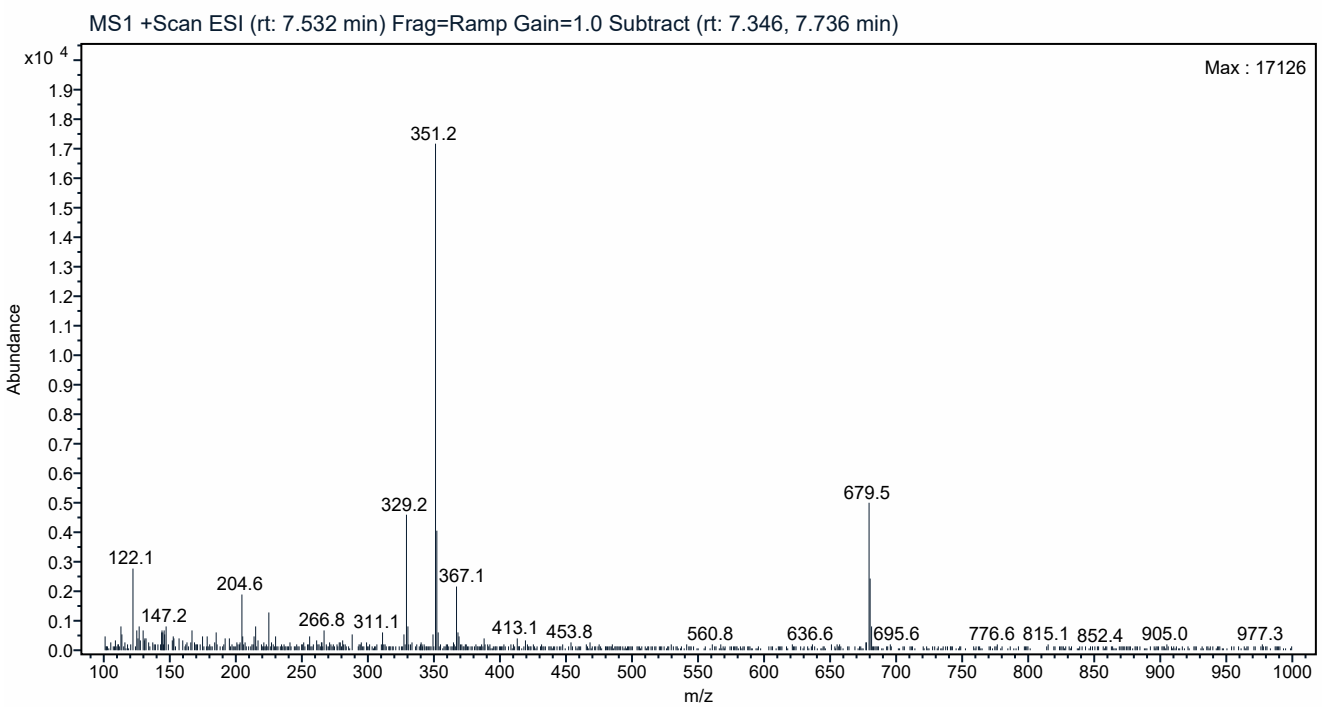


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 07:26:41-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN.sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.531

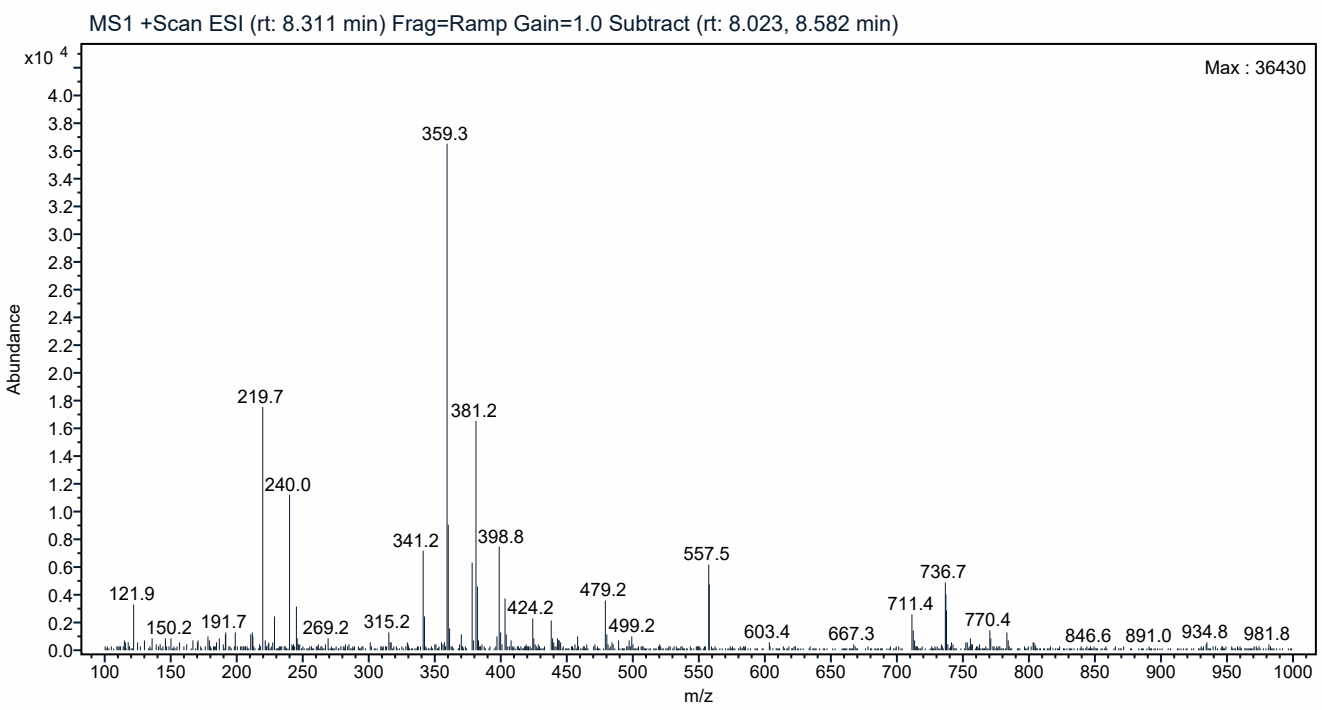


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 07:26:41-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN.sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.303



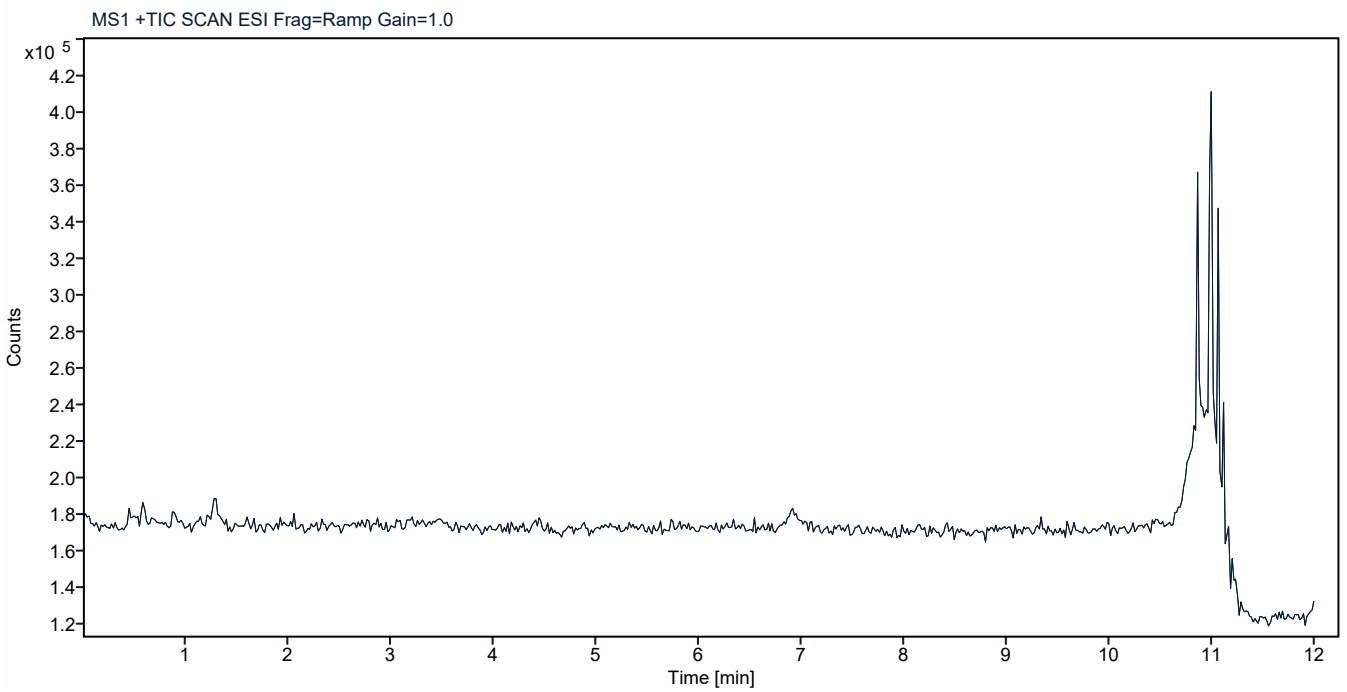
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.085	0.3906	1970659.8538	308160.6294	34.2480
7.171	0.3216	525629.8452	62870.8860	9.1349
7.531	0.4020	535876.5916	52200.9254	9.3130
8.303	0.5748	2721917.6552	227086.5738	47.3041

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank PM MeOH-ACN (4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-05 09:15:26-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\Blank PM MeOH-ACN (4).sirslt

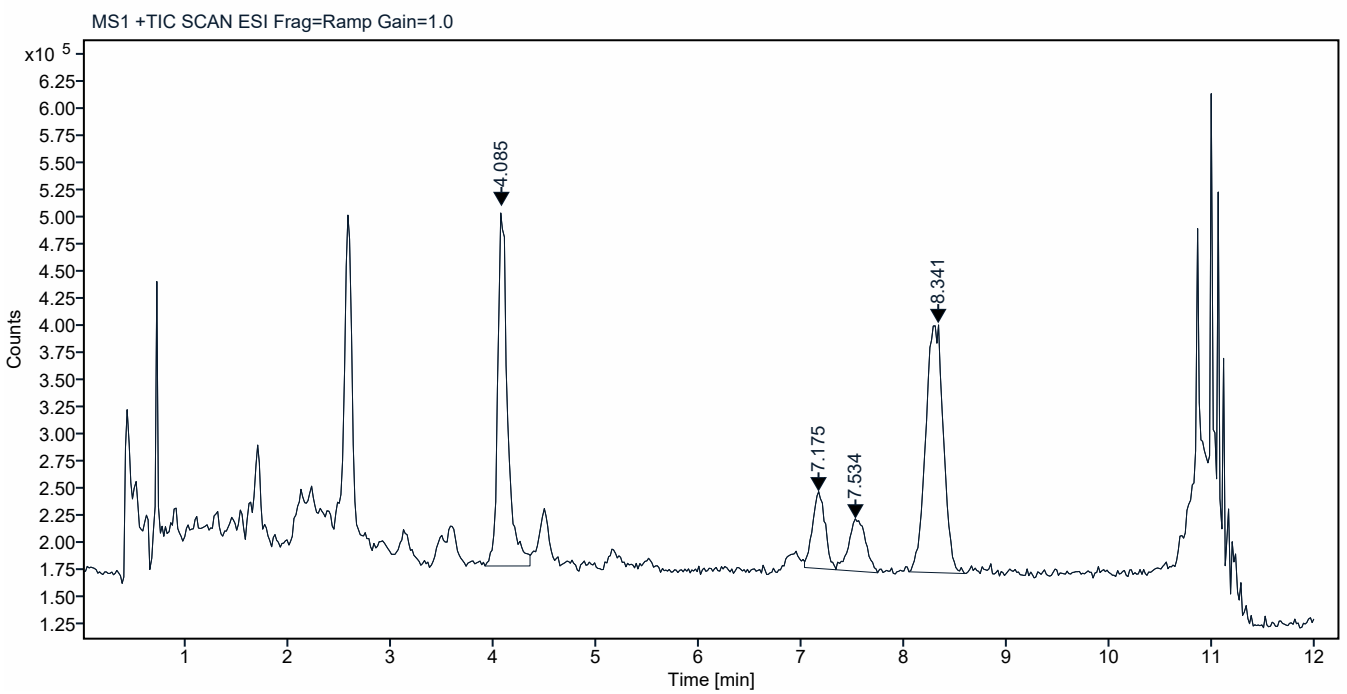


AK

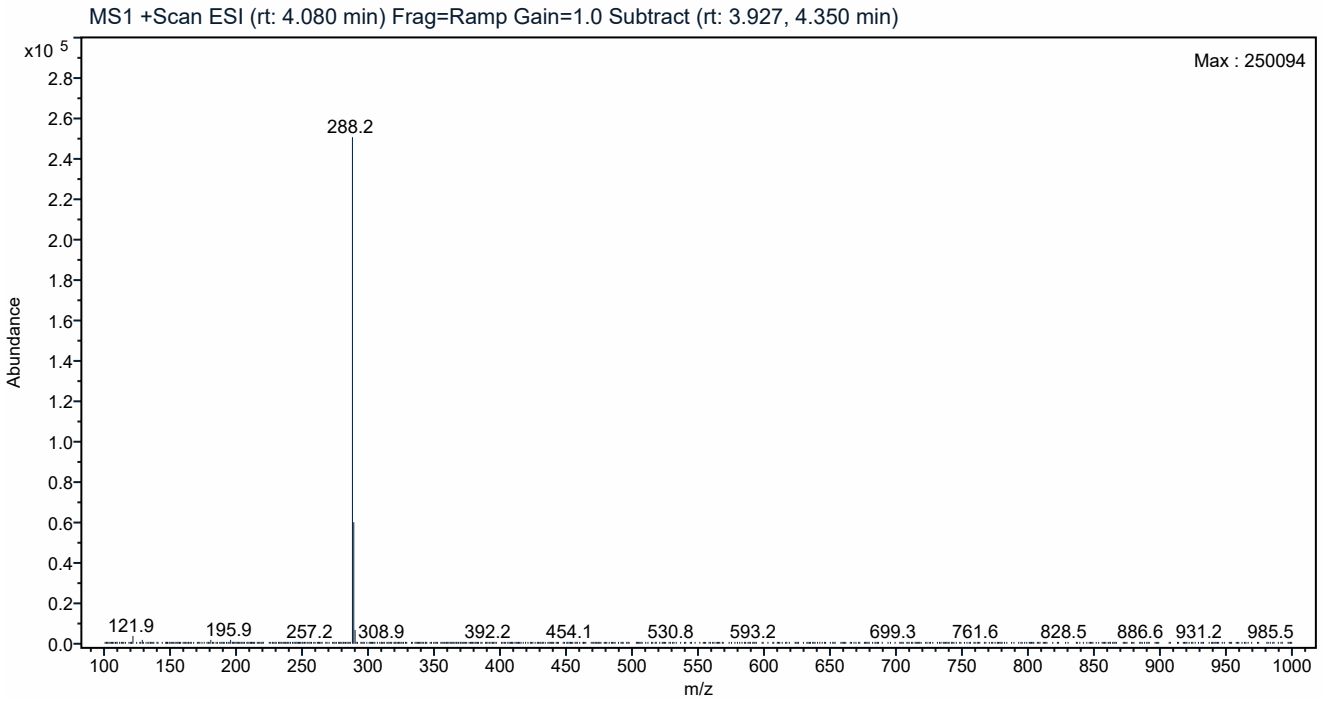
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 09:29:00-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN (4).sirslt

Plant Material 8



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.085

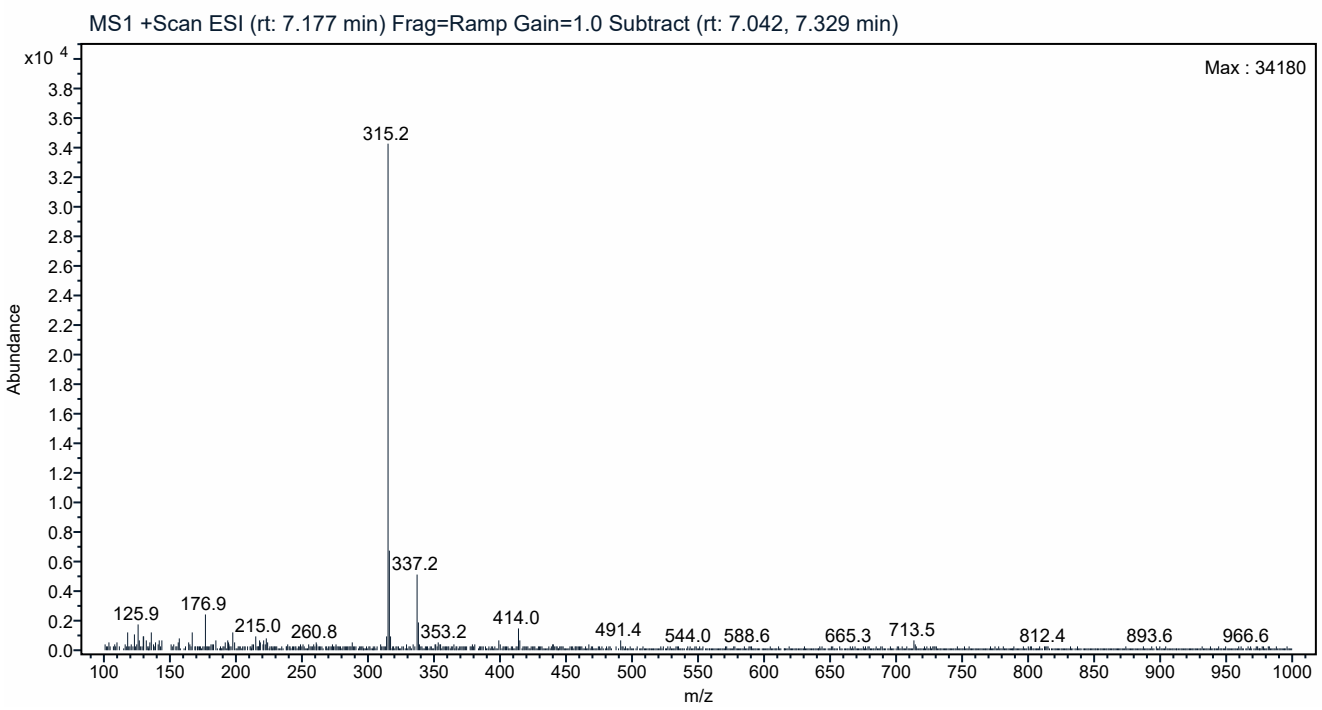


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 09:29:00-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN (4).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.175

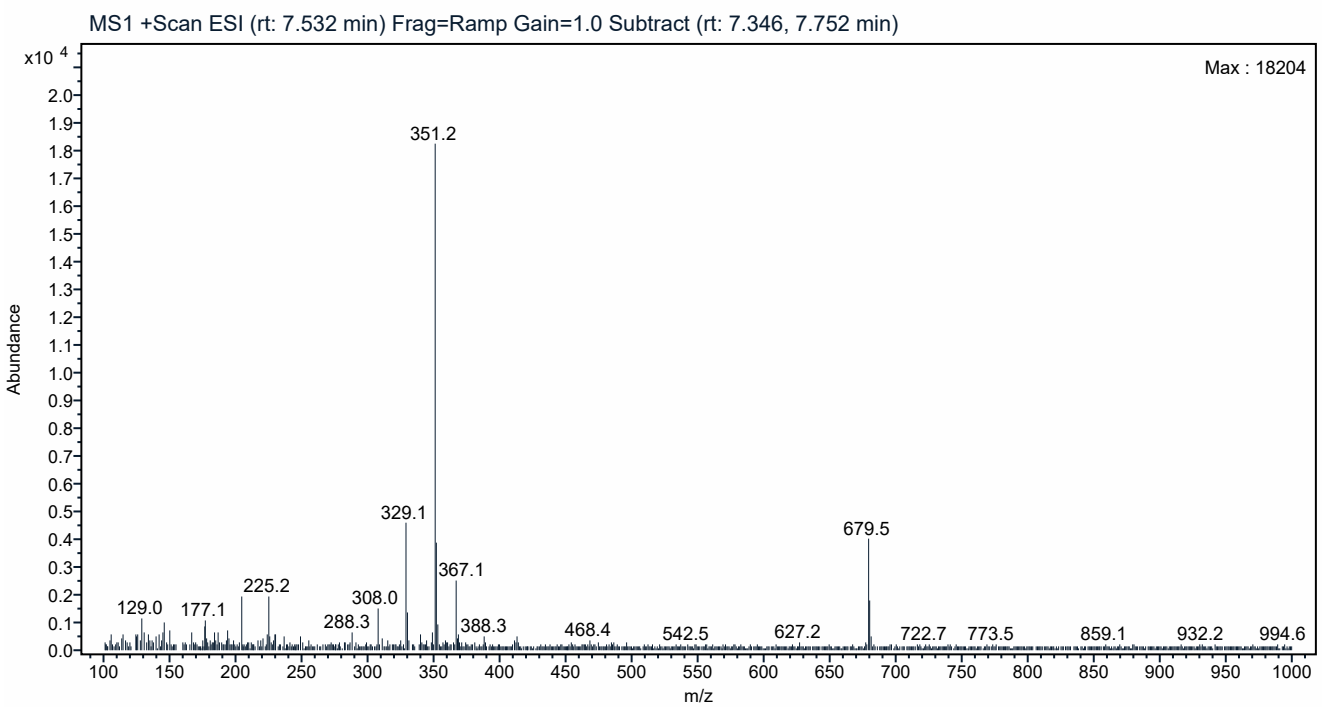


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 09:29:00-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN (4).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.534

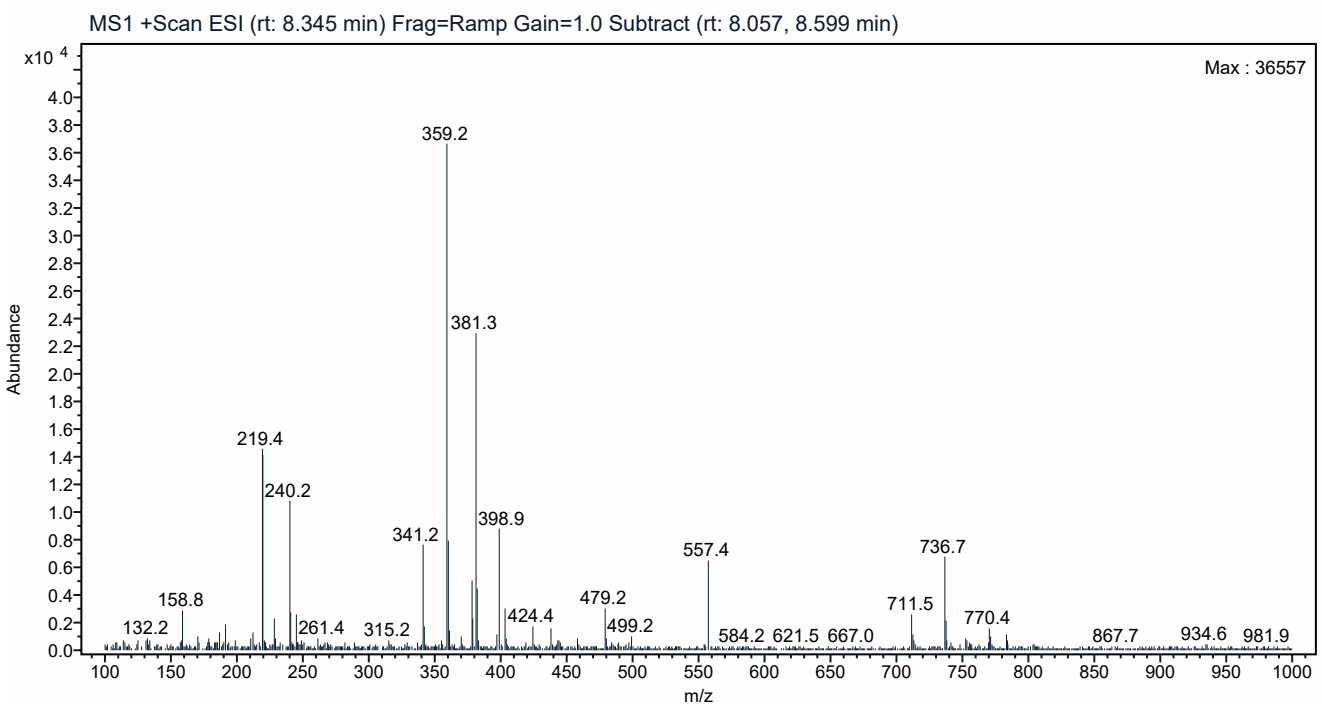


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 09:29:00-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN (4).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.341



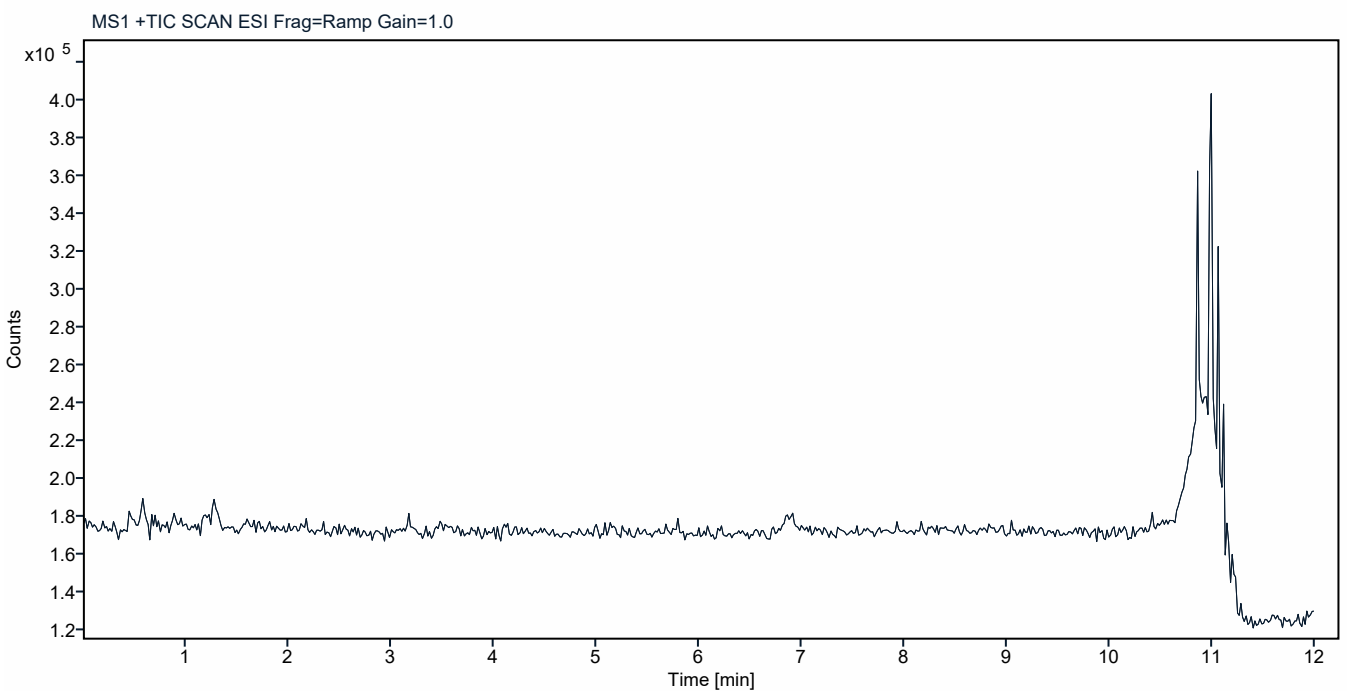
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.085	0.4369	2187790.8268	331569.3598	35.9647
7.175	0.3046	604212.0722	70886.0990	9.9325
7.534	0.4093	554799.4761	48330.3812	9.1203
8.341	0.5416	2736354.0076	229877.7942	44.9825

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank PM MeOH-ACN (5).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-05 09:56:13-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\Blank PM MeOH-ACN (5).sirslt

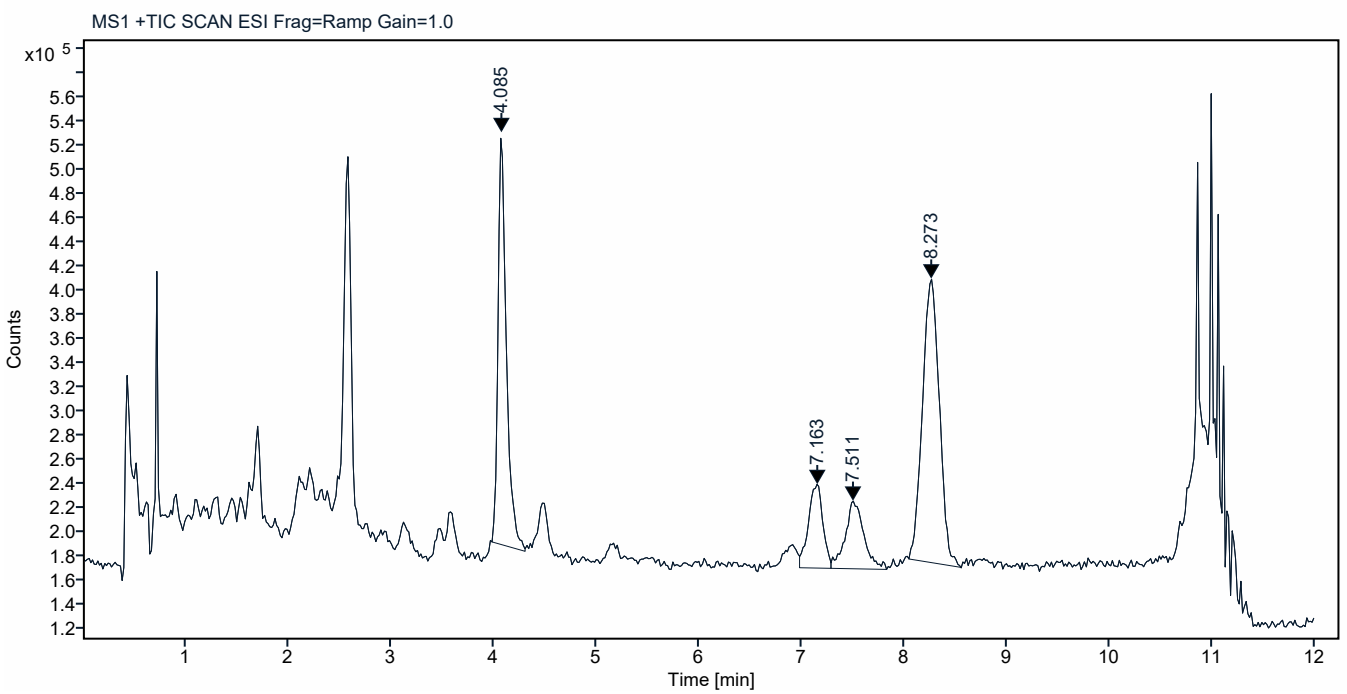


AK

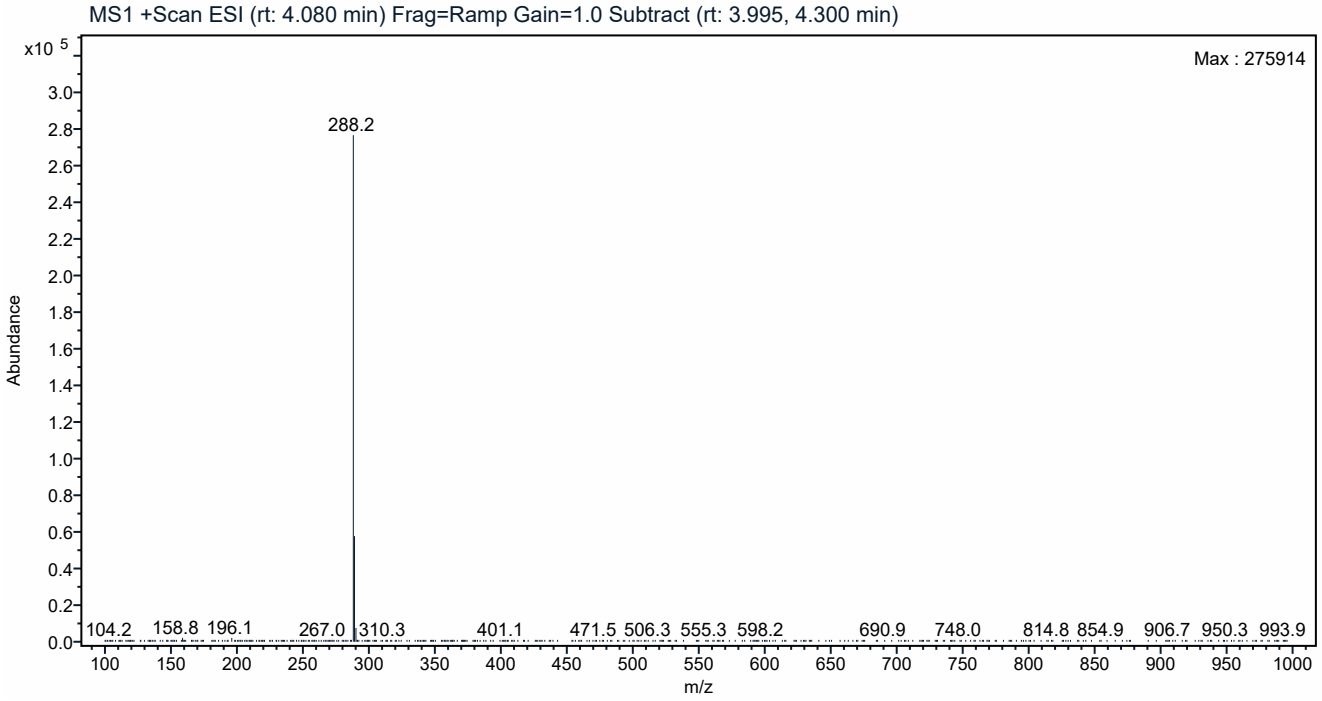
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (5).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 10:09:47-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN (5).sirslt

Plant Material 9



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.085

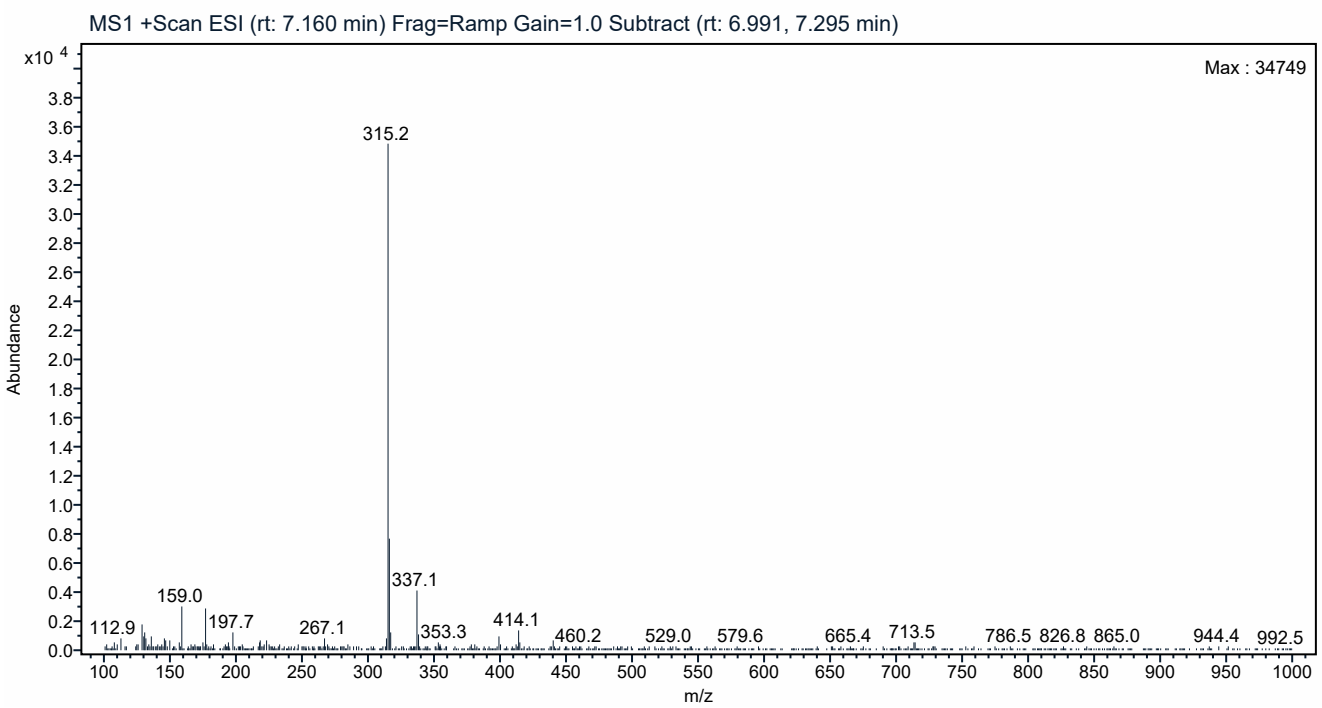


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (5).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 10:09:47-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN (5).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.163

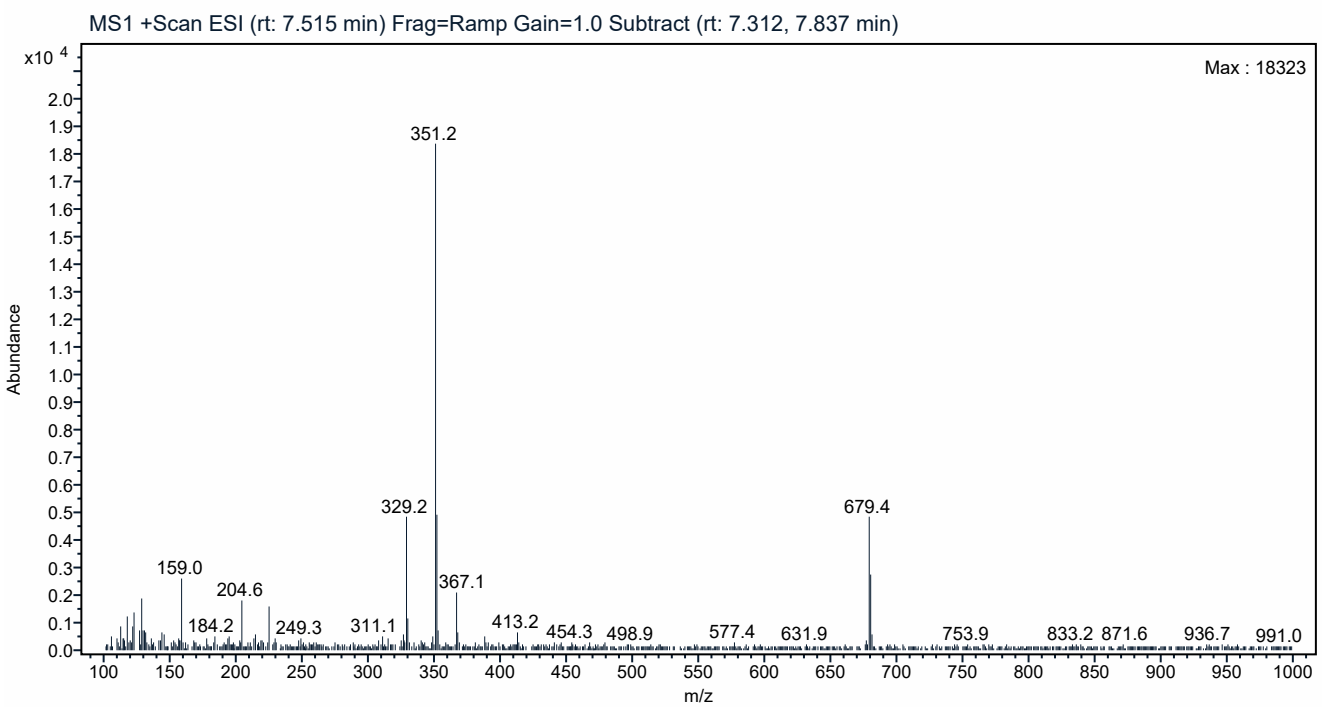


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (5).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 10:09:47-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN (5).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.511

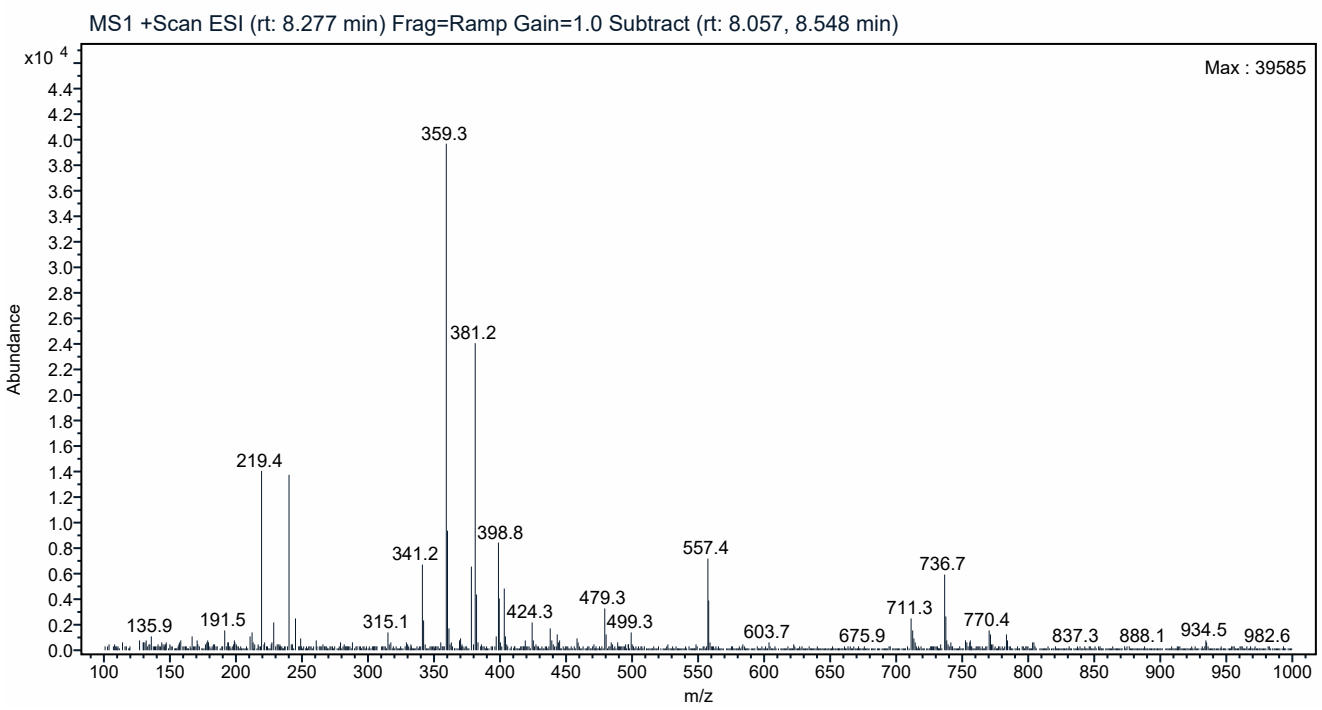


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (5).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 10:09:47-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN (5).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.273



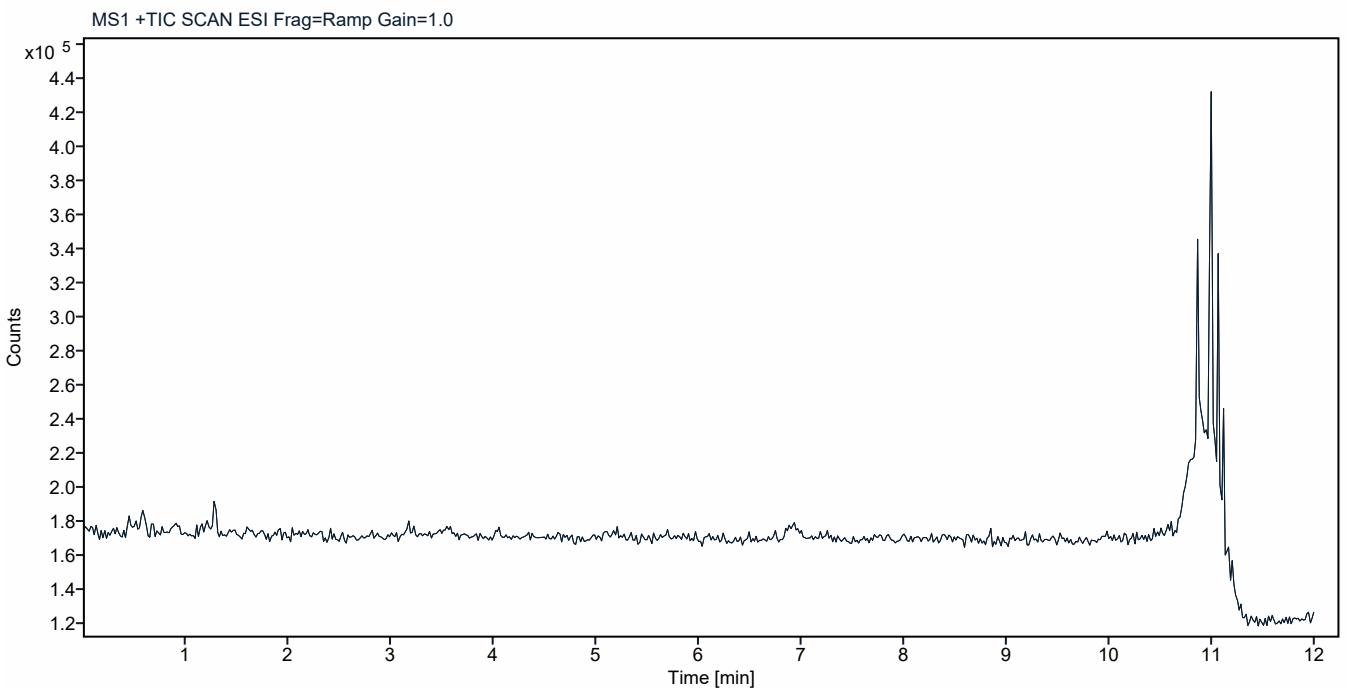
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.085	0.3216	1921522.2610	341327.6837	32.0629
7.163	0.3061	679107.0435	69388.7611	11.3317
7.511	0.5408	710114.5338	56193.3700	11.8491
8.273	0.5042	2682234.3038	235049.8773	44.7563

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank PM MeOH-ACN (6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-05 10:37:00-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\Blank PM MeOH-ACN (6).sirslt

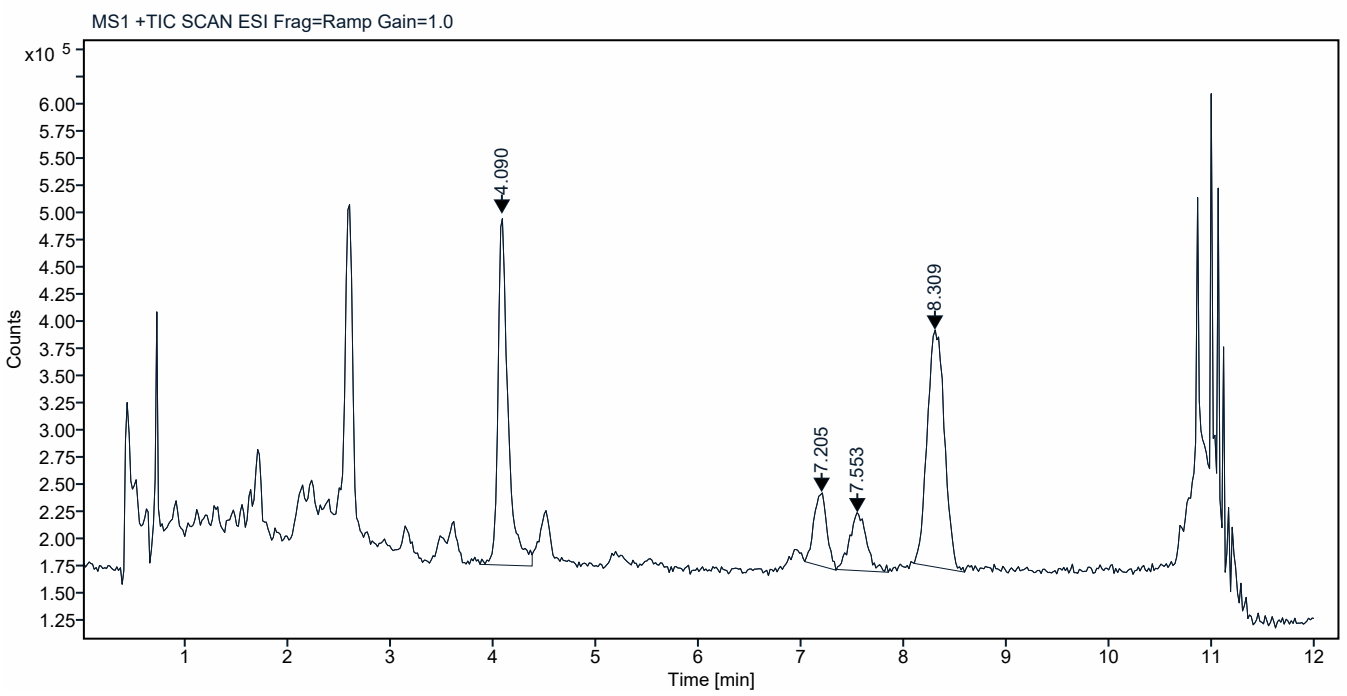


AK

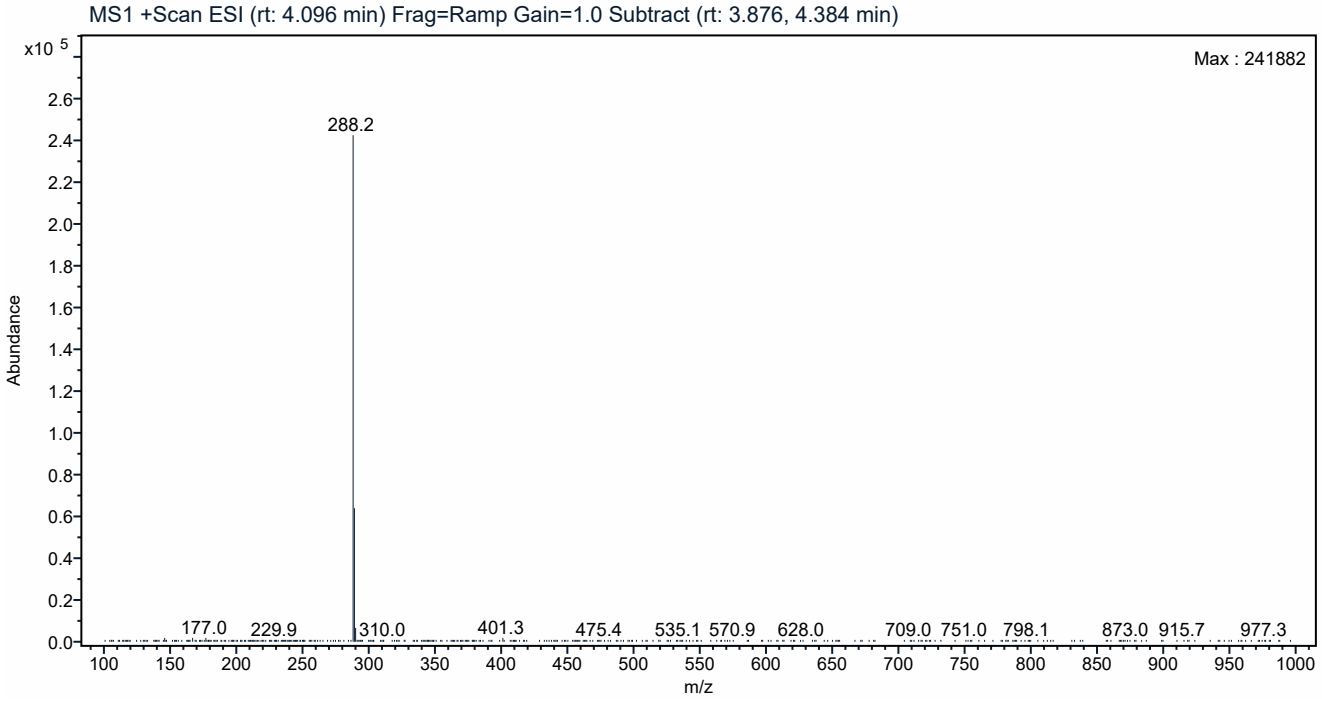
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 10:50:34-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN (6).sirslt

Plant Material 10



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.090

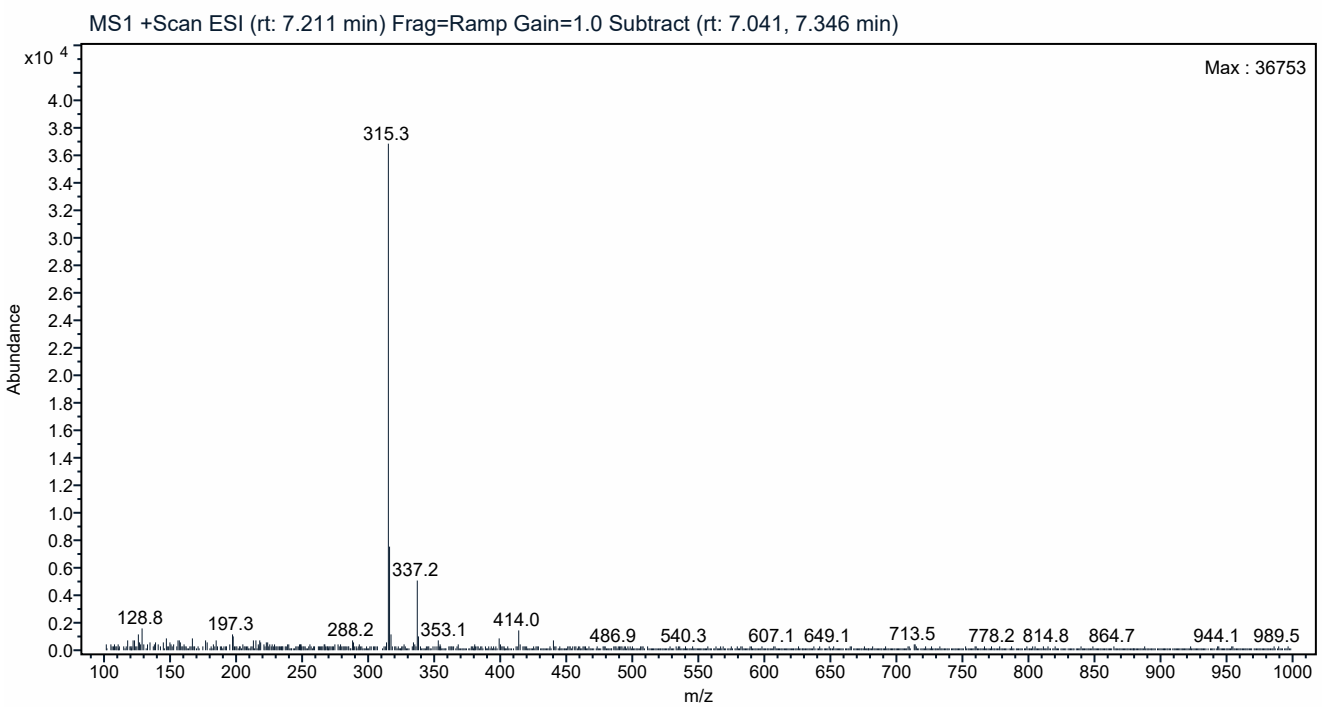


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 10:50:34-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN (6).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.205

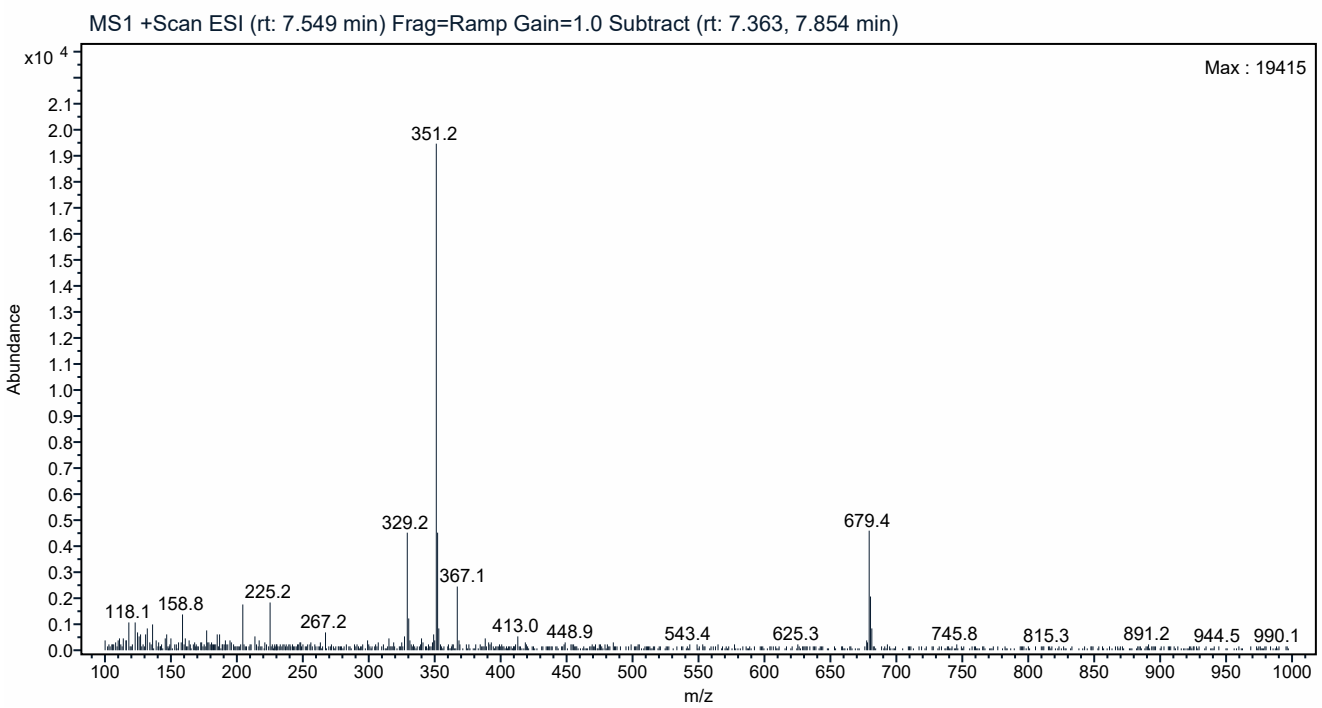


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 10:50:34-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN (6).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.553

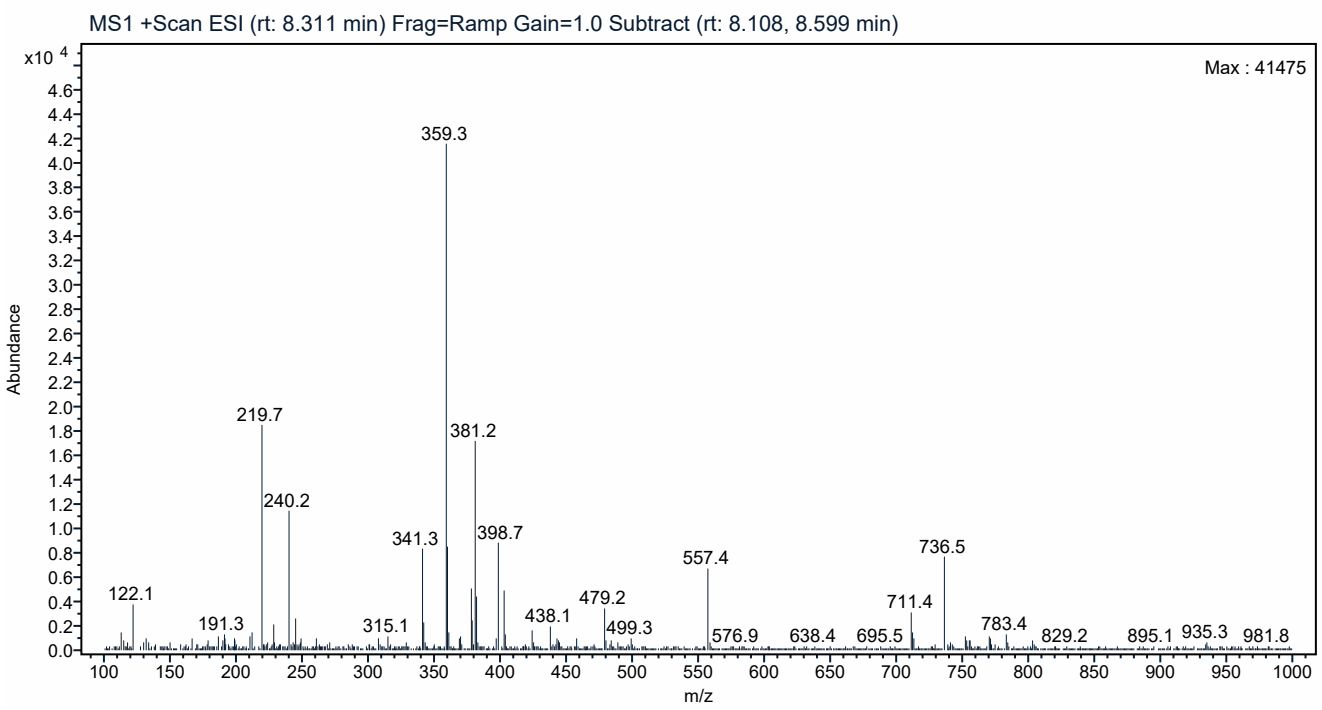


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 10:50:34-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN (6).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.309



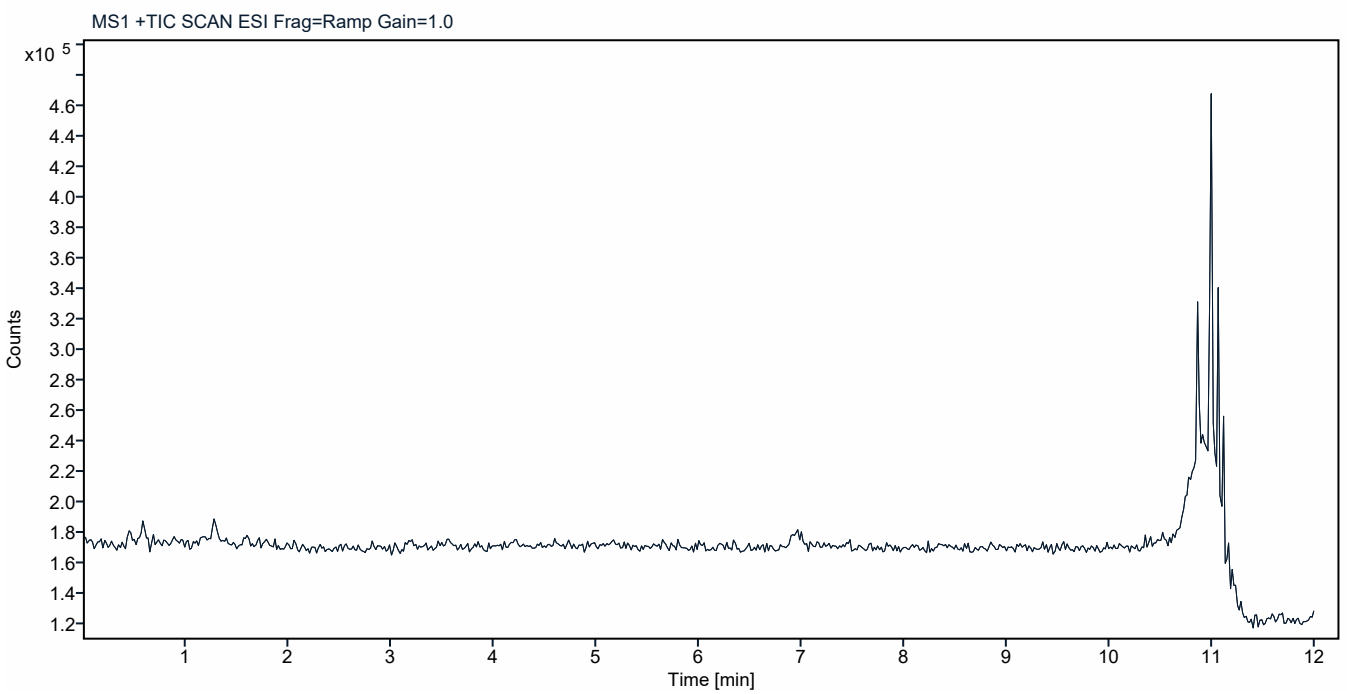
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.090	0.5089	2175064.2008	323170.1124	36.6983
7.205	0.3047	587989.0230	68147.4051	9.9207
7.553	0.5040	614625.3824	53404.8172	10.3701
8.309	0.4909	2549195.1407	218202.5909	43.0108

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank PM MeOH-ACN (8).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-05 11:58:33-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\Blank PM MeOH-ACN (8).sirslt

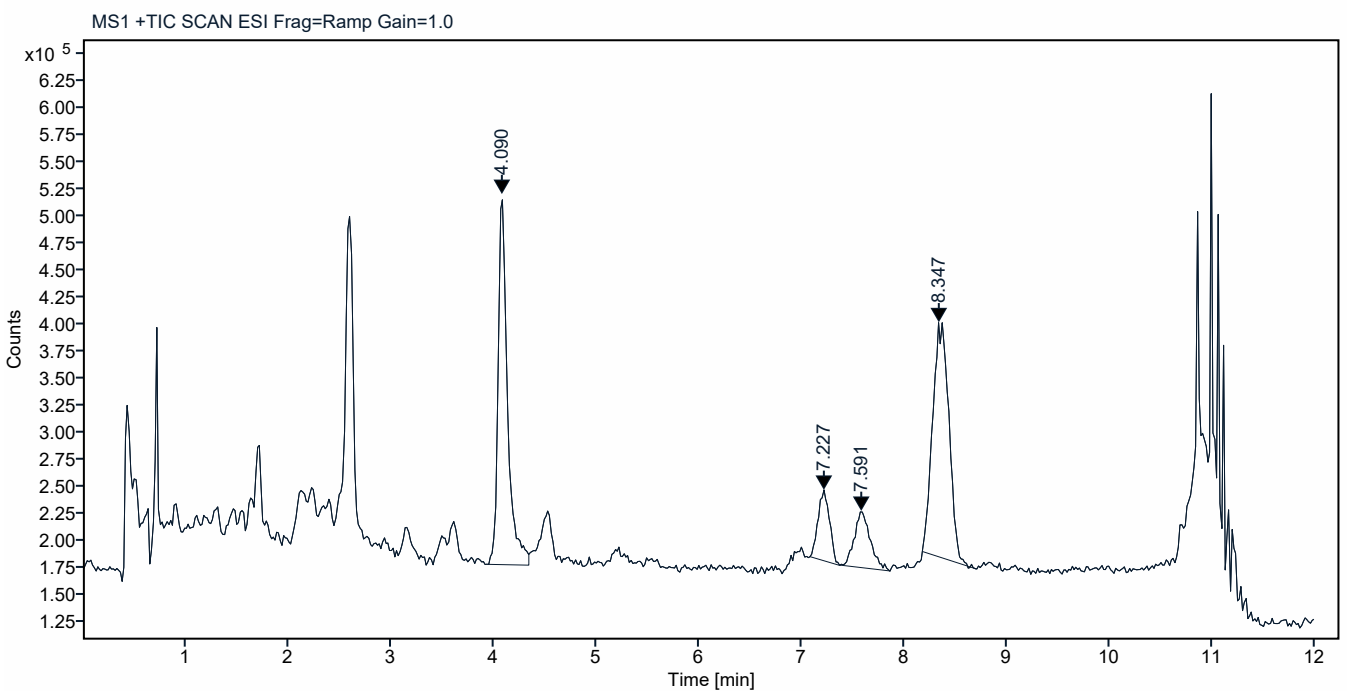


AK

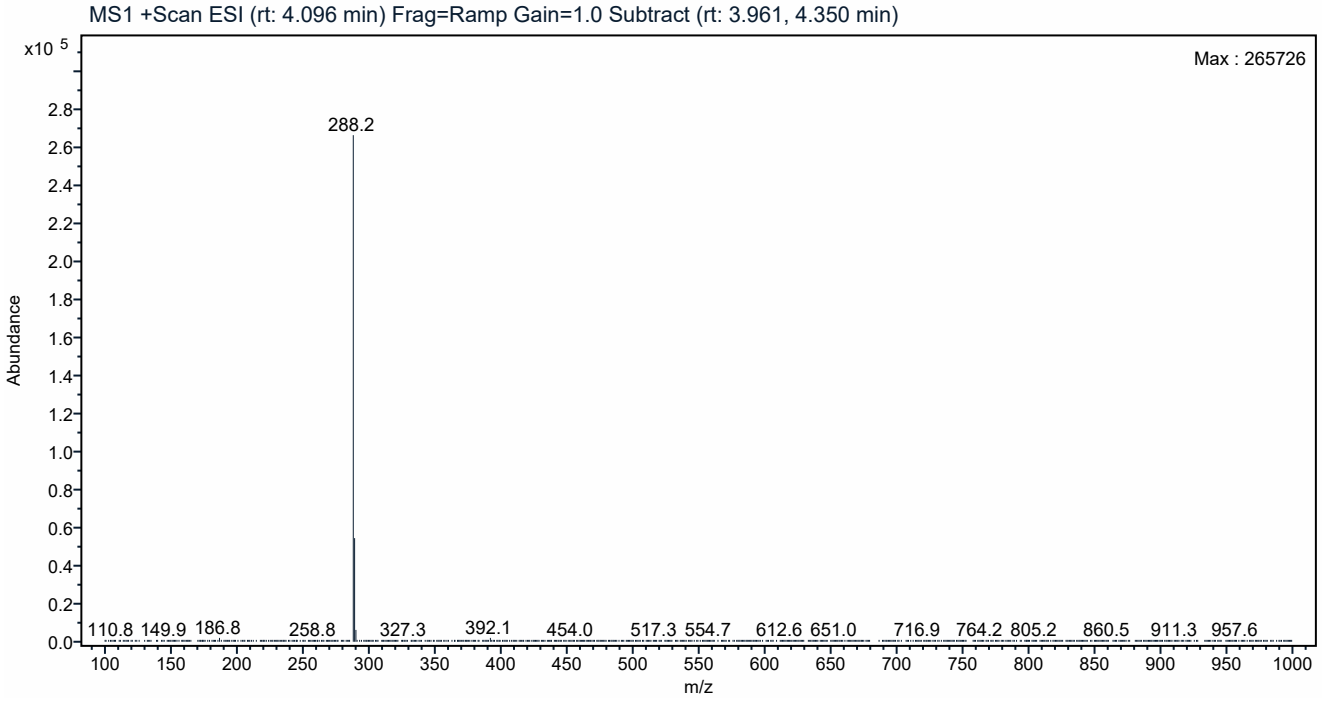
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (8).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 12:12:08-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN (8).sirslt

Plant Material 11



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.090

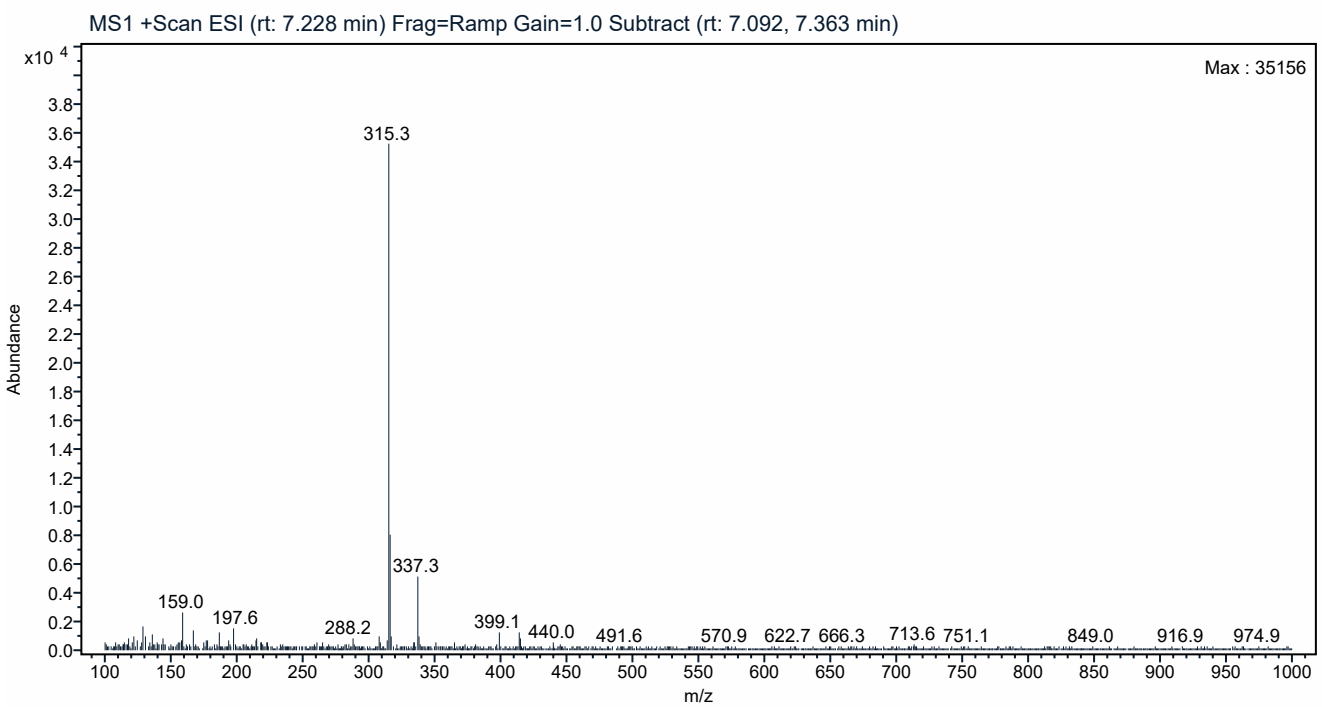


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (8).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 12:12:08-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN (8).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.227

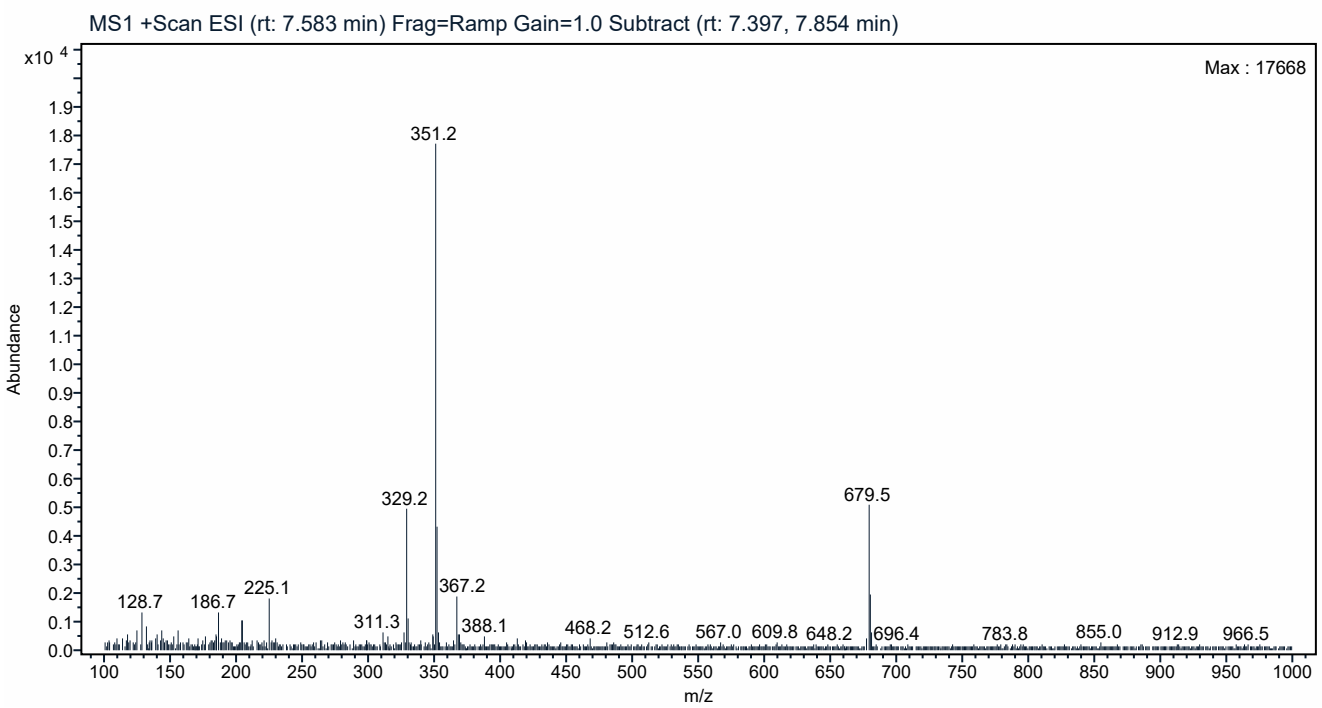


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (8).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 12:12:08-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN (8).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.591

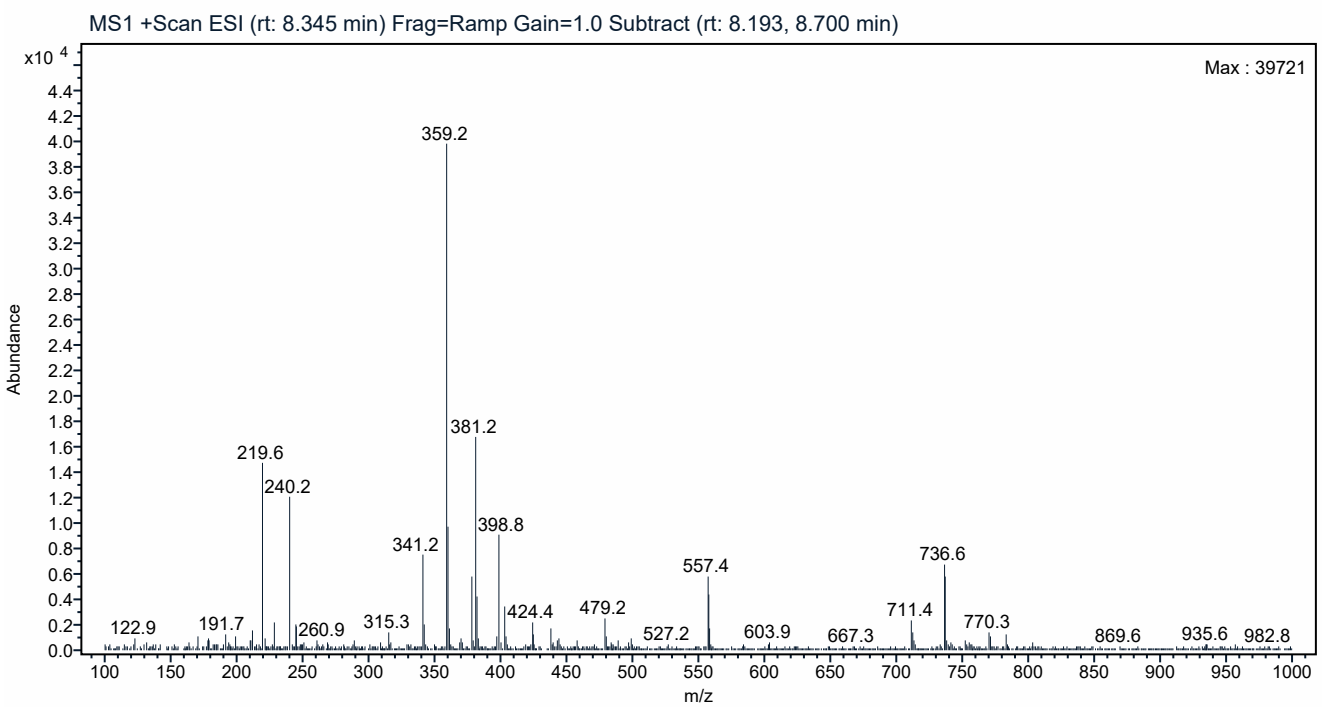


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (8).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 12:12:08-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN (8).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.347



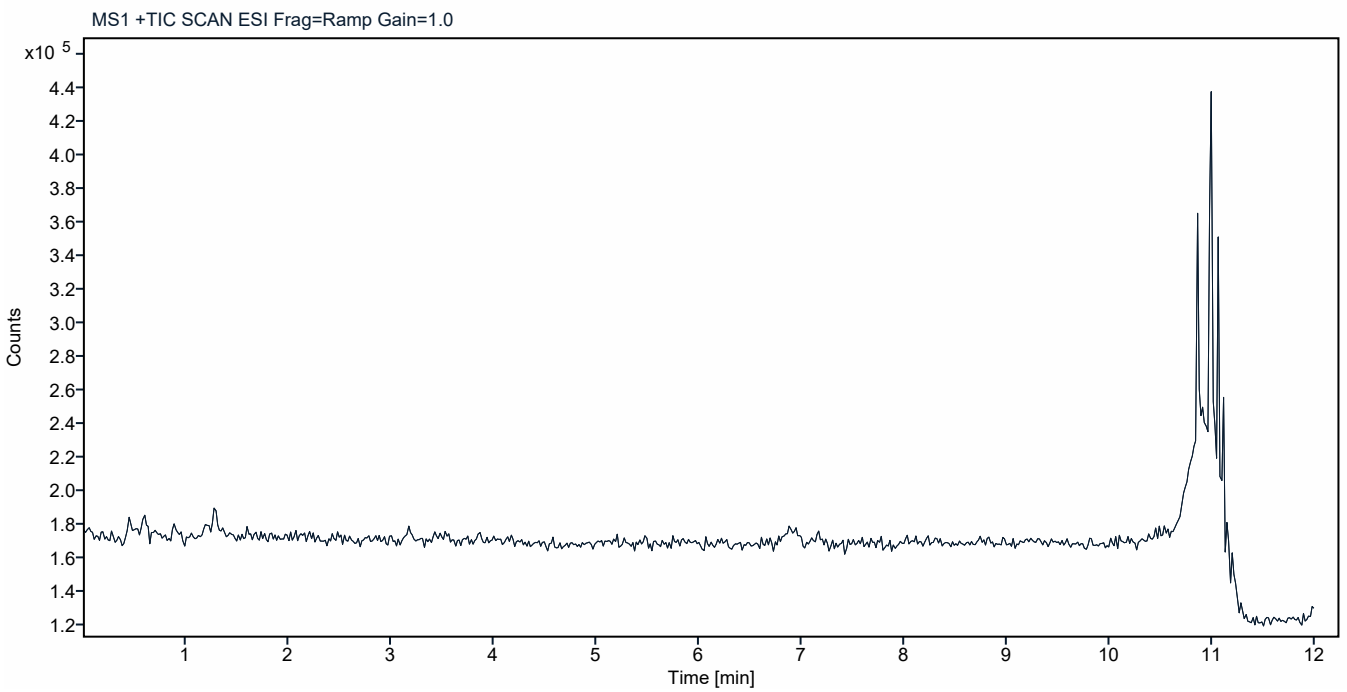
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.090	0.3915	2168079.1072	342540.6805	38.5195
7.227	0.2878	504167.0021	65456.4893	8.9574
7.591	0.4835	557600.1378	52349.7804	9.9067
8.347	0.5238	2398682.1589	216742.4660	42.6165

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank PM MeOH-ACN(10).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-05 22:15:53-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\Blank PM MeOH-ACN(10).sirslt

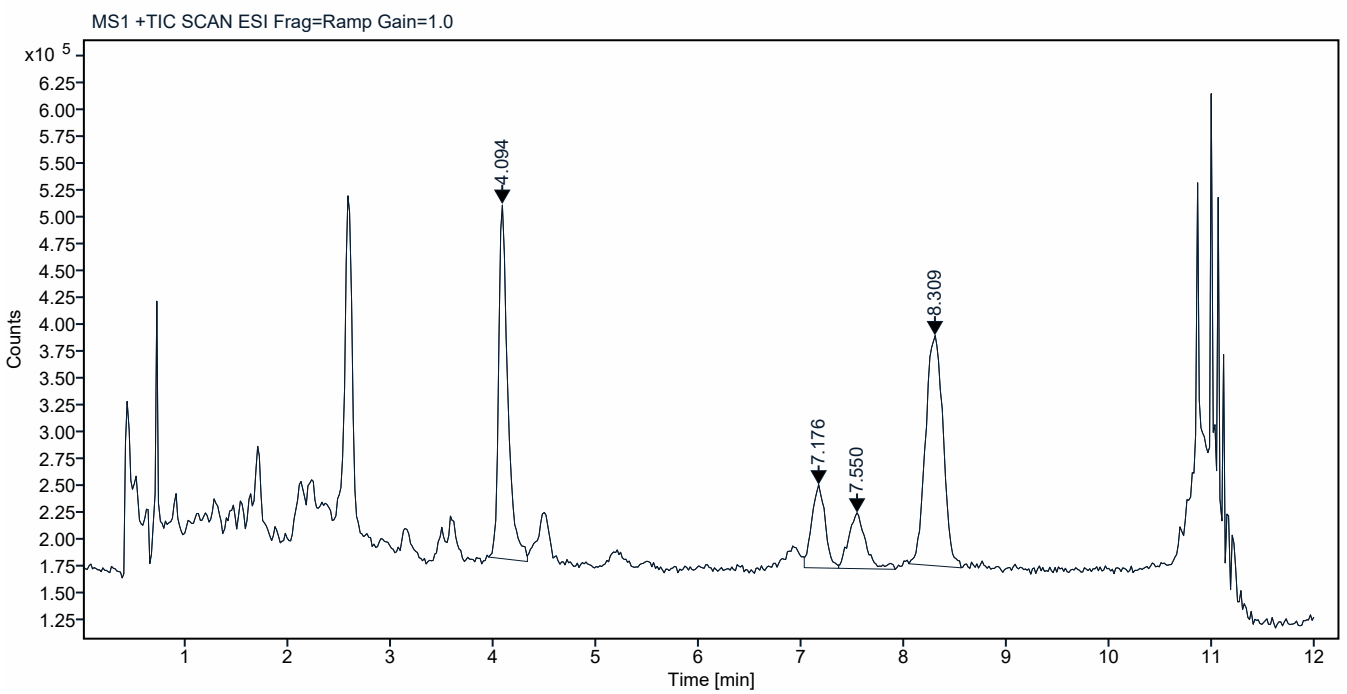


AK

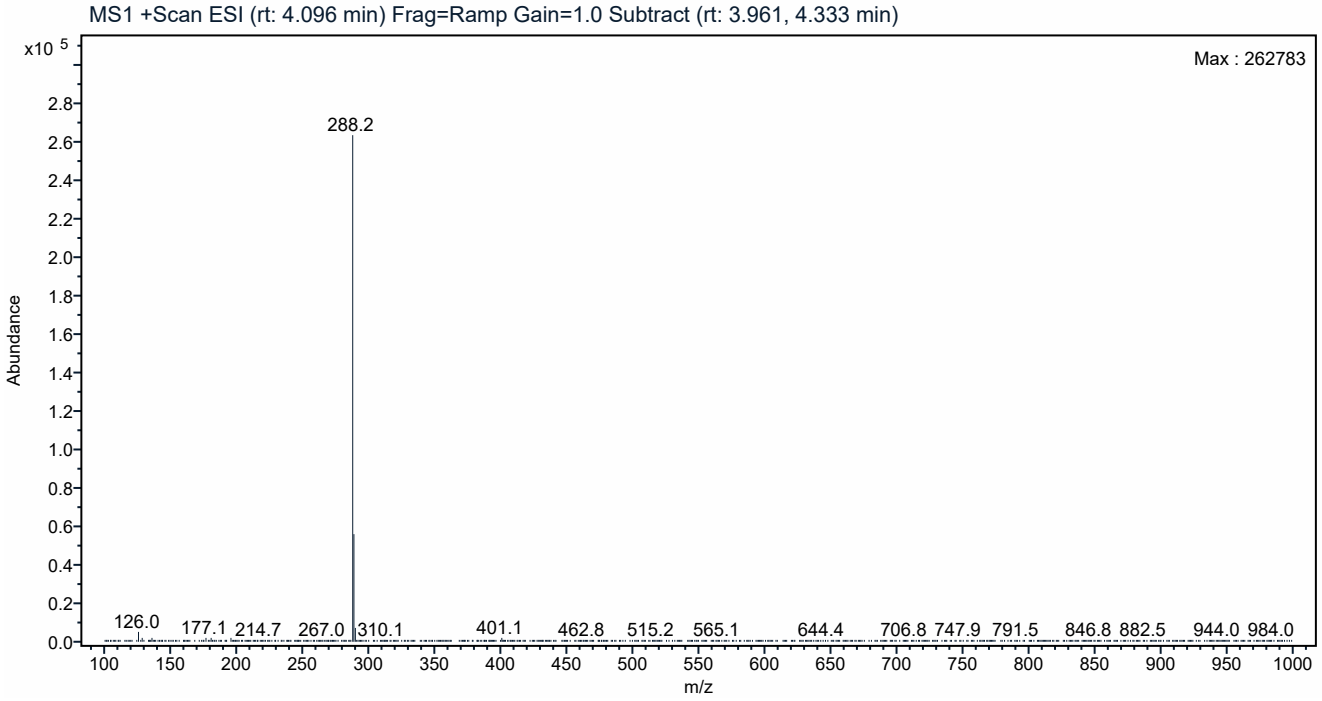
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(10).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 22:29:27-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN(10).sirslt

Plant Material 12



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.094

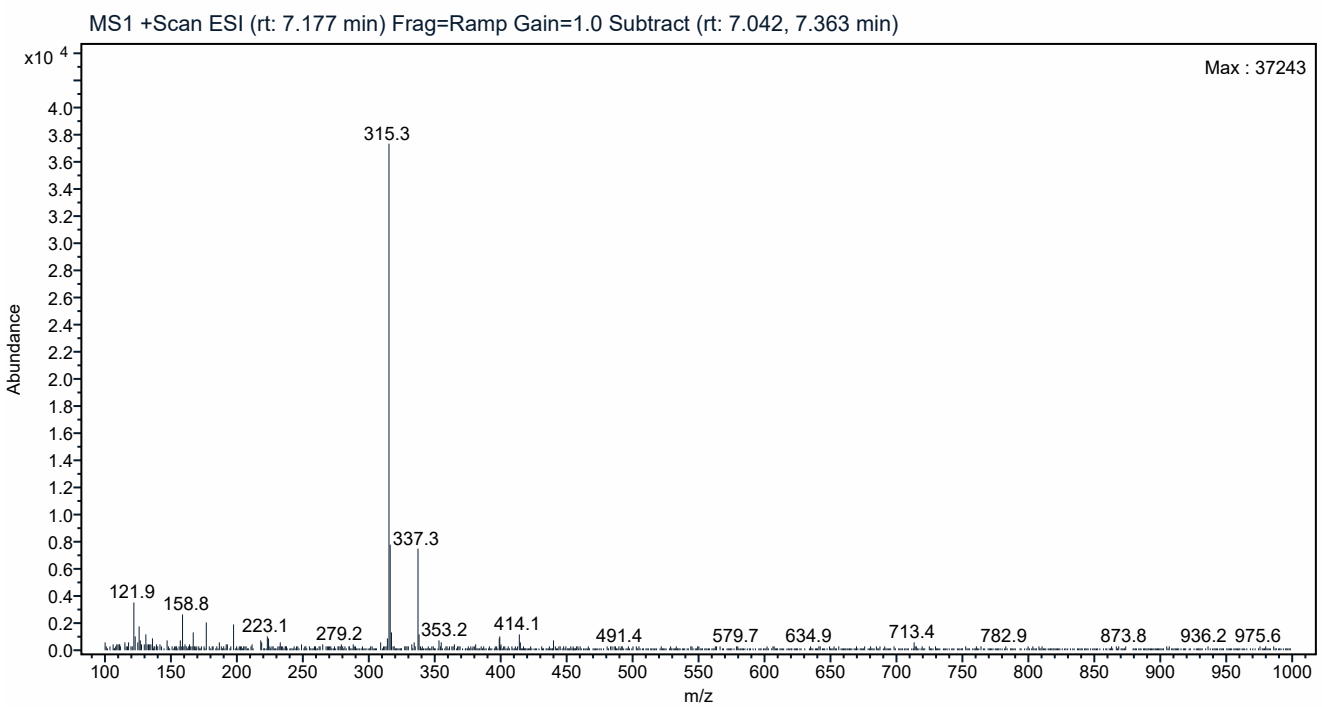


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(10).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 22:29:27-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN(10).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.176

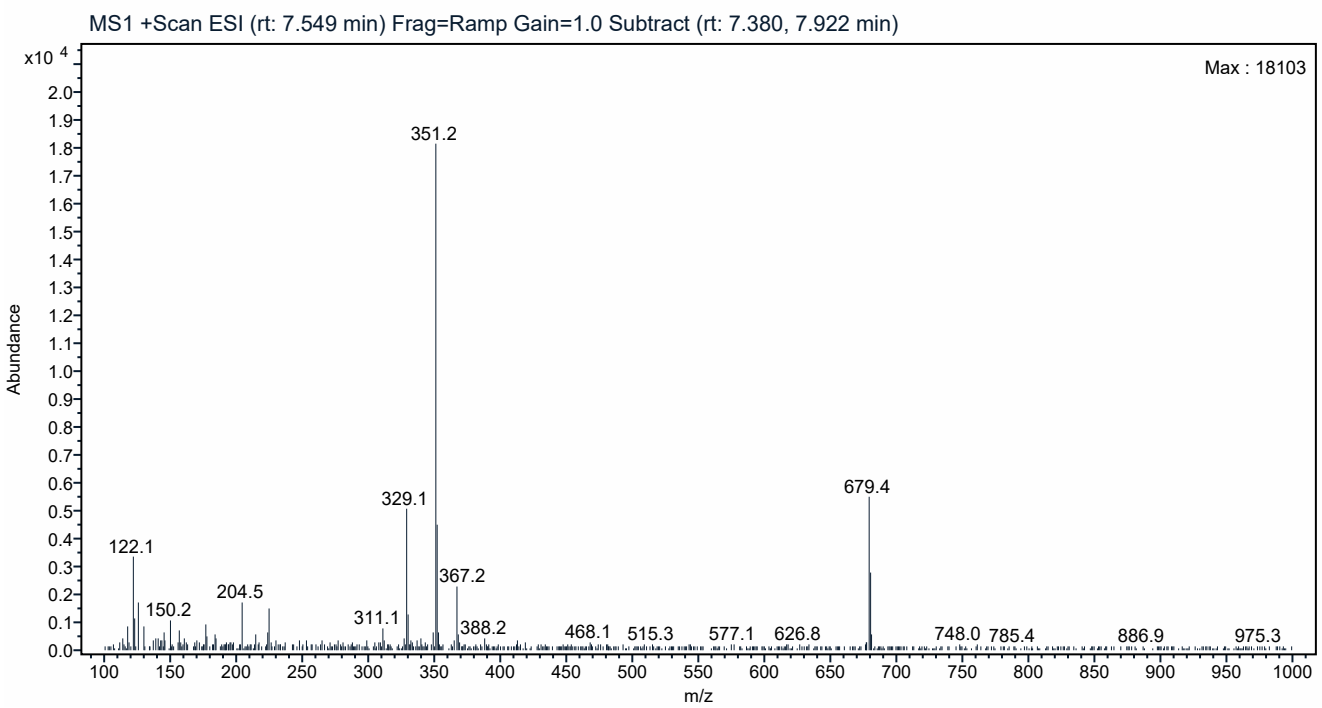


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(10).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 22:29:27-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN(10).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.550

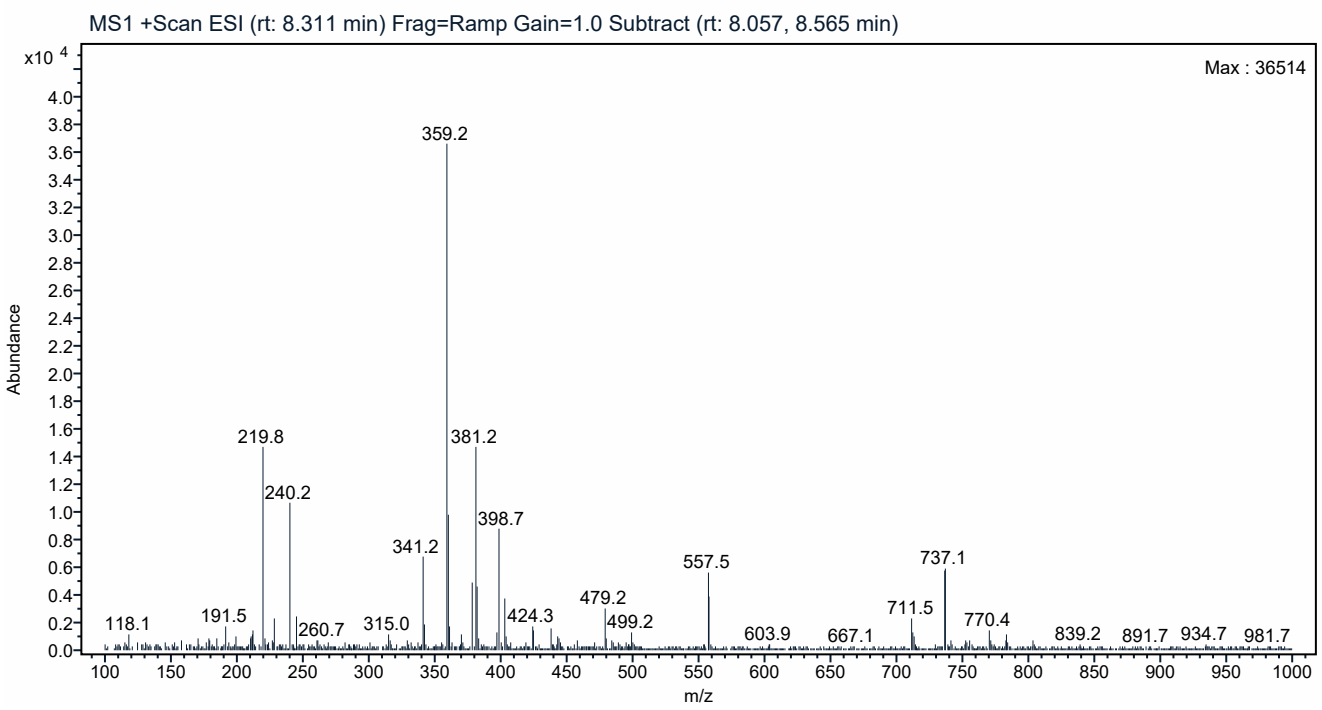


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(10).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 22:29:27-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN(10).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.309



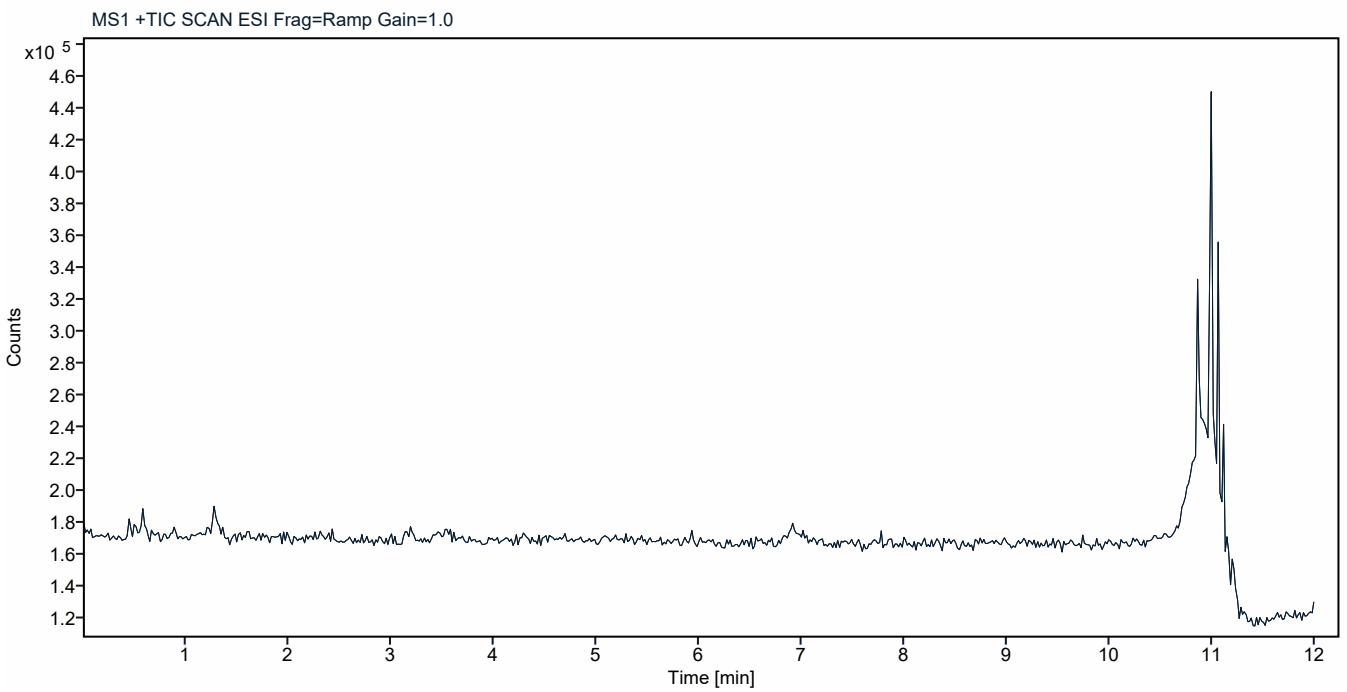
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.094	0.3777	2060154.1438	330191.4062	34.9243
7.176	0.3348	697757.1212	77512.1321	11.8286
7.550	0.5510	598919.7822	52030.0634	10.1531
8.309	0.5078	2542076.2085	214478.7552	43.0940

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank for PM MeOH-ACN(12).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-05 23:37:26-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\Blank for PM MeOH-ACN(12).sirslt

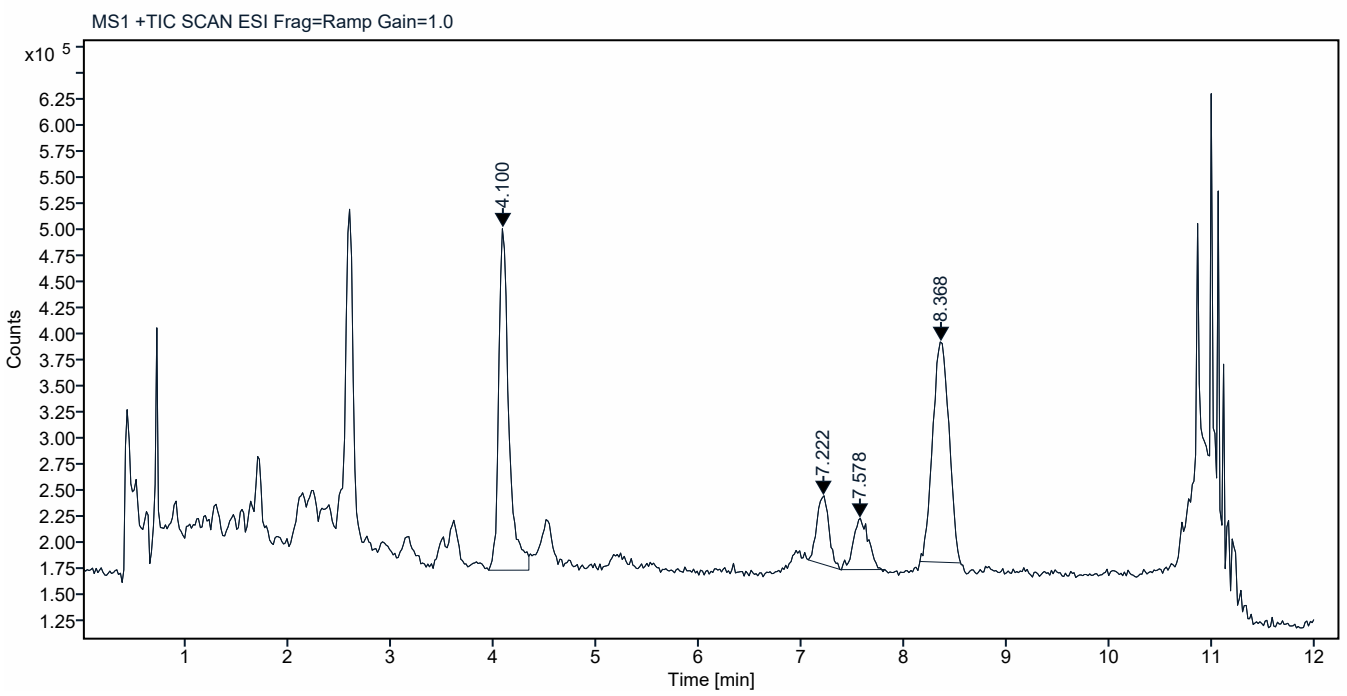


AK

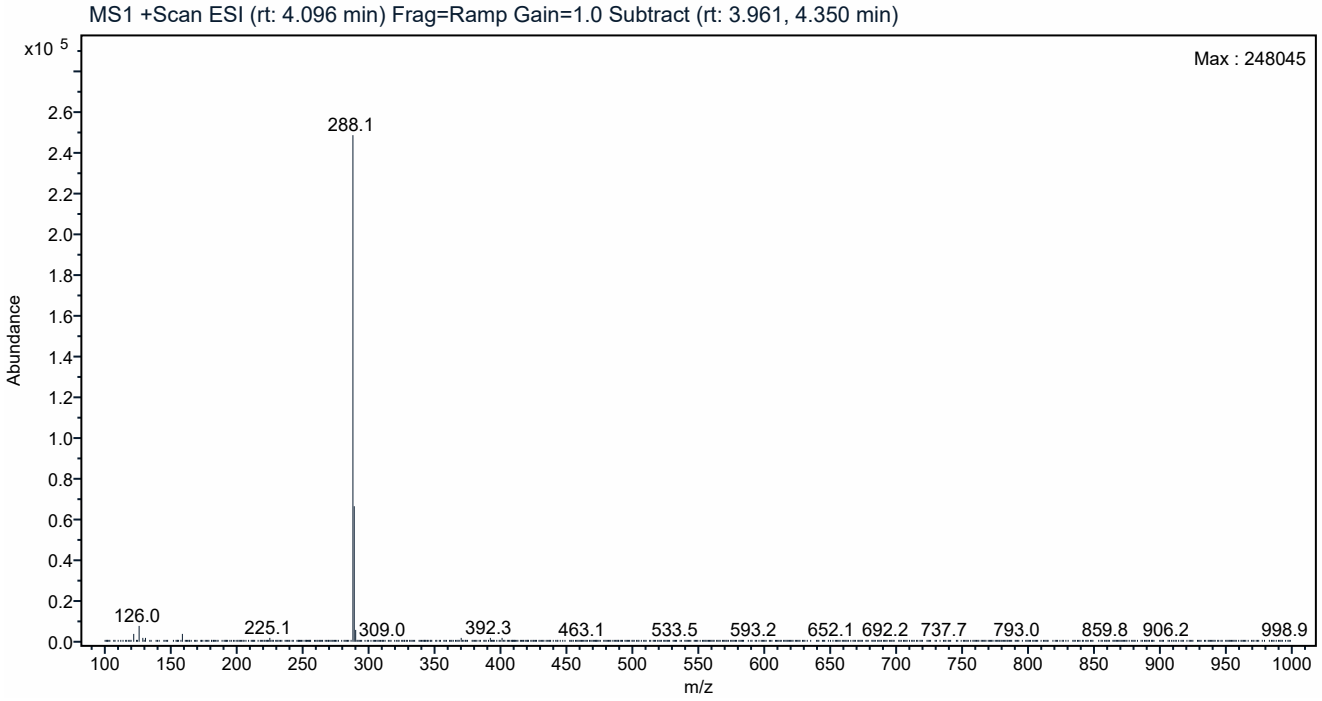
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(12).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 23:51:00-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN(12).sirslt

Plant Material 13



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.100

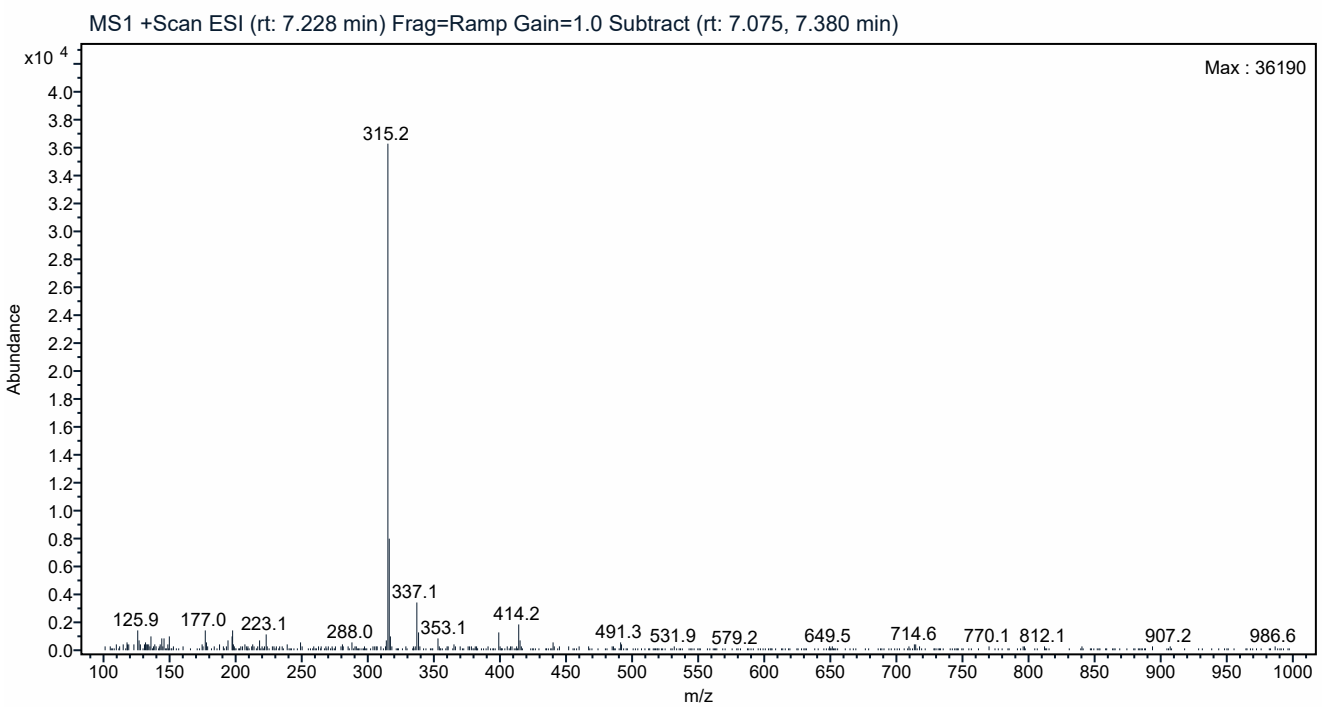


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(12).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 23:51:00-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN(12).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.222

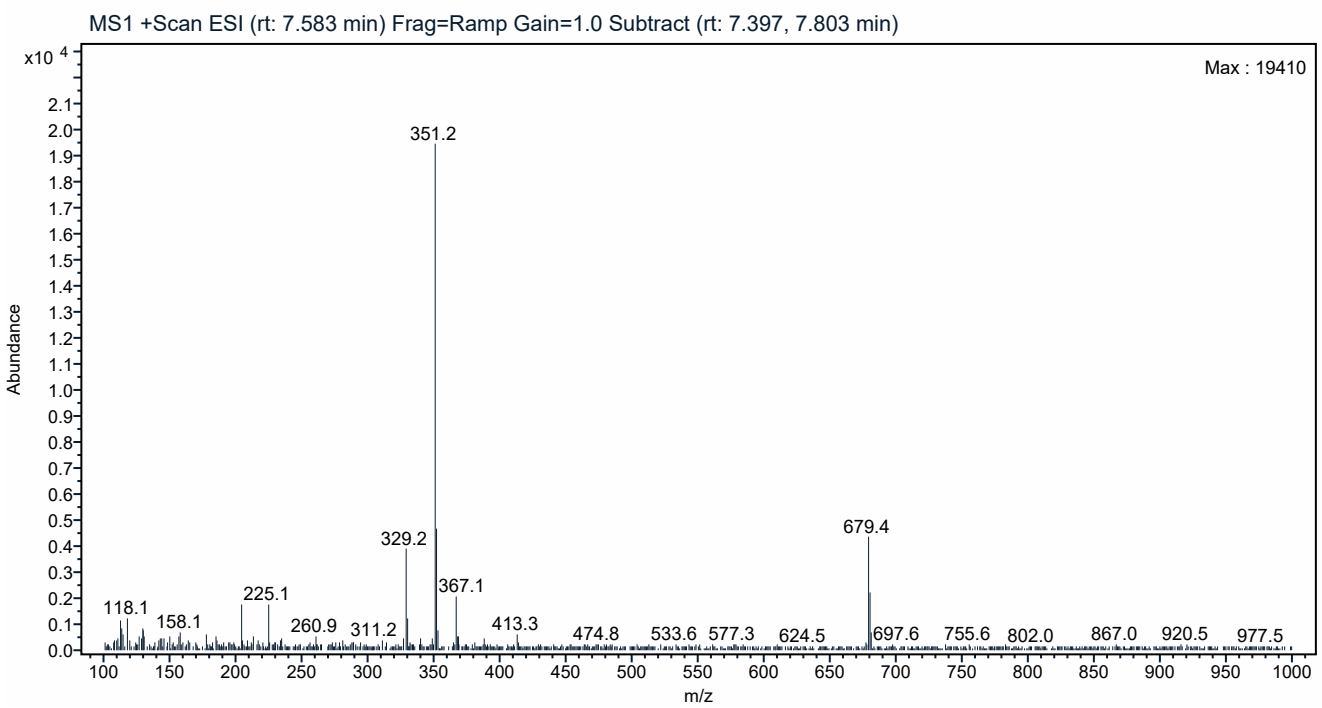


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(12).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 23:51:00-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN(12).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.578

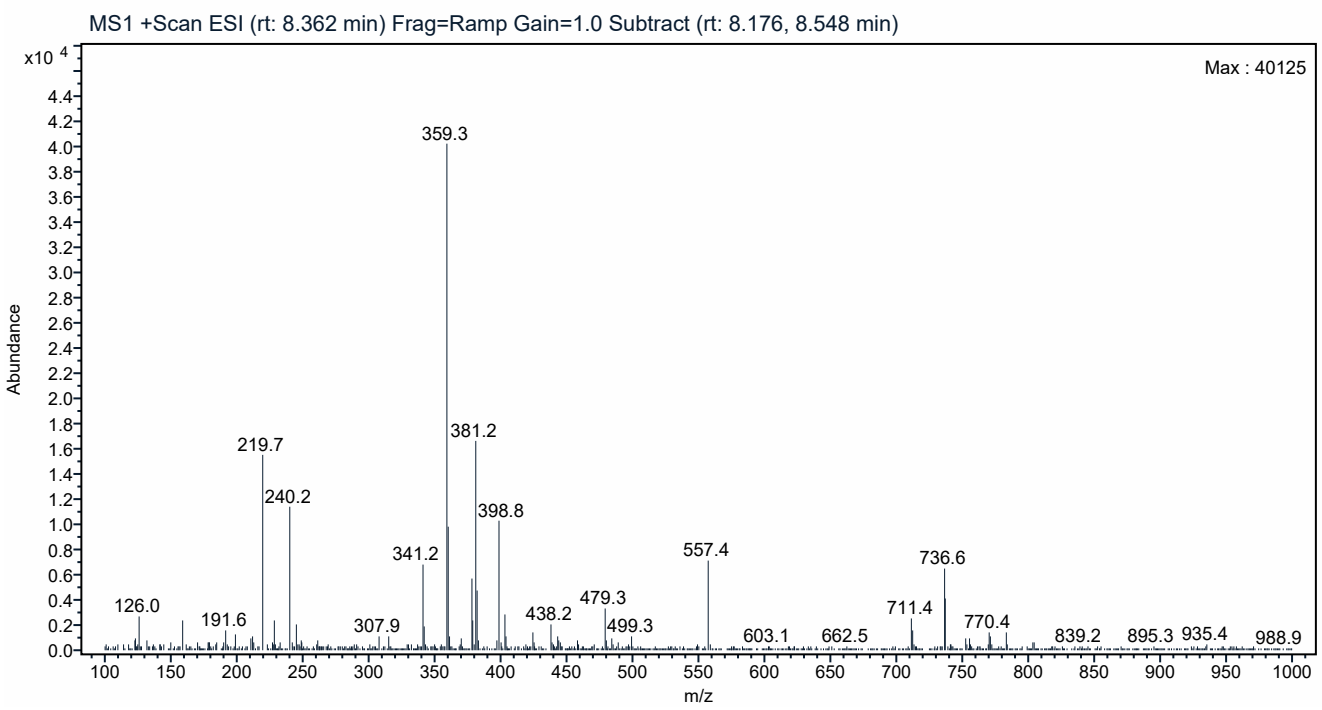


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(12).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-05 23:51:00-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN(12).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.368



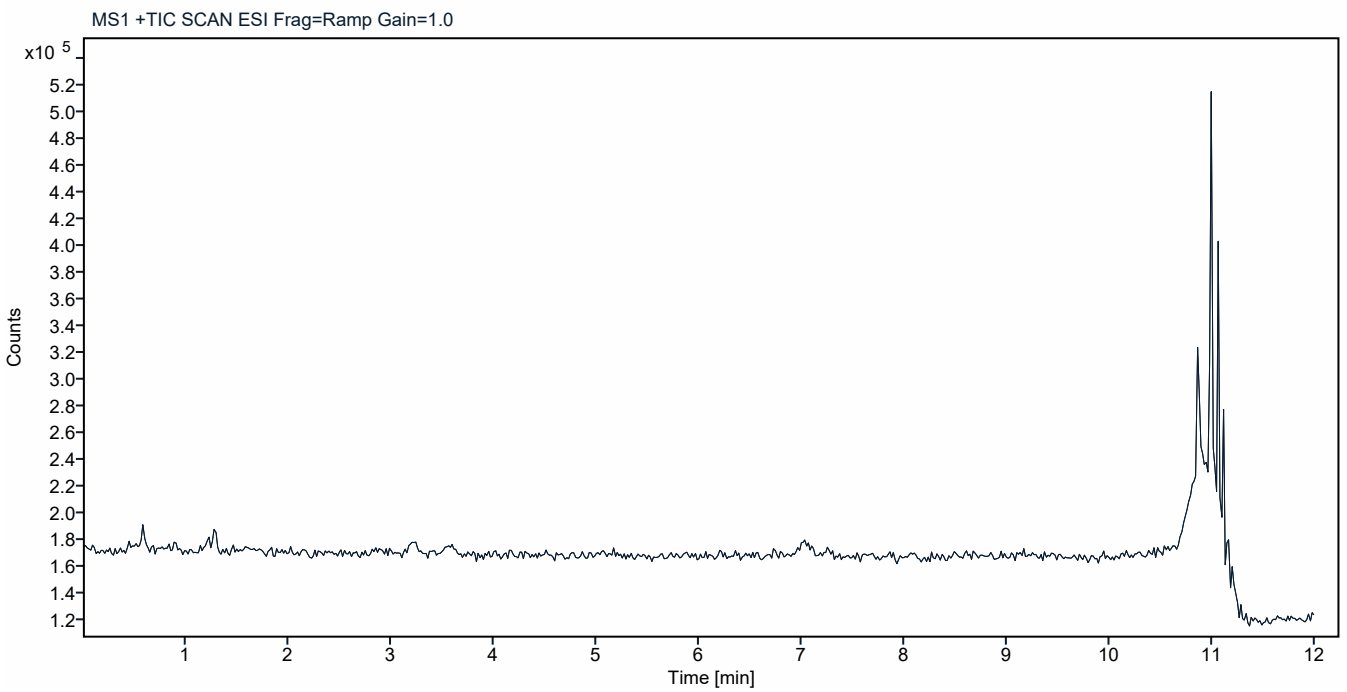
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.100	0.3919	2245523.5649	328769.7556	39.9005
7.222	0.3153	537243.3155	66371.2584	9.5462
7.578	0.4281	500886.3332	49621.3961	8.9002
8.368	0.3976	2344151.1087	211920.9343	41.6530

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank for PM MeOH-ACN(14).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-06 00:58:59-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\Blank for PM MeOH-ACN(14).sirslt

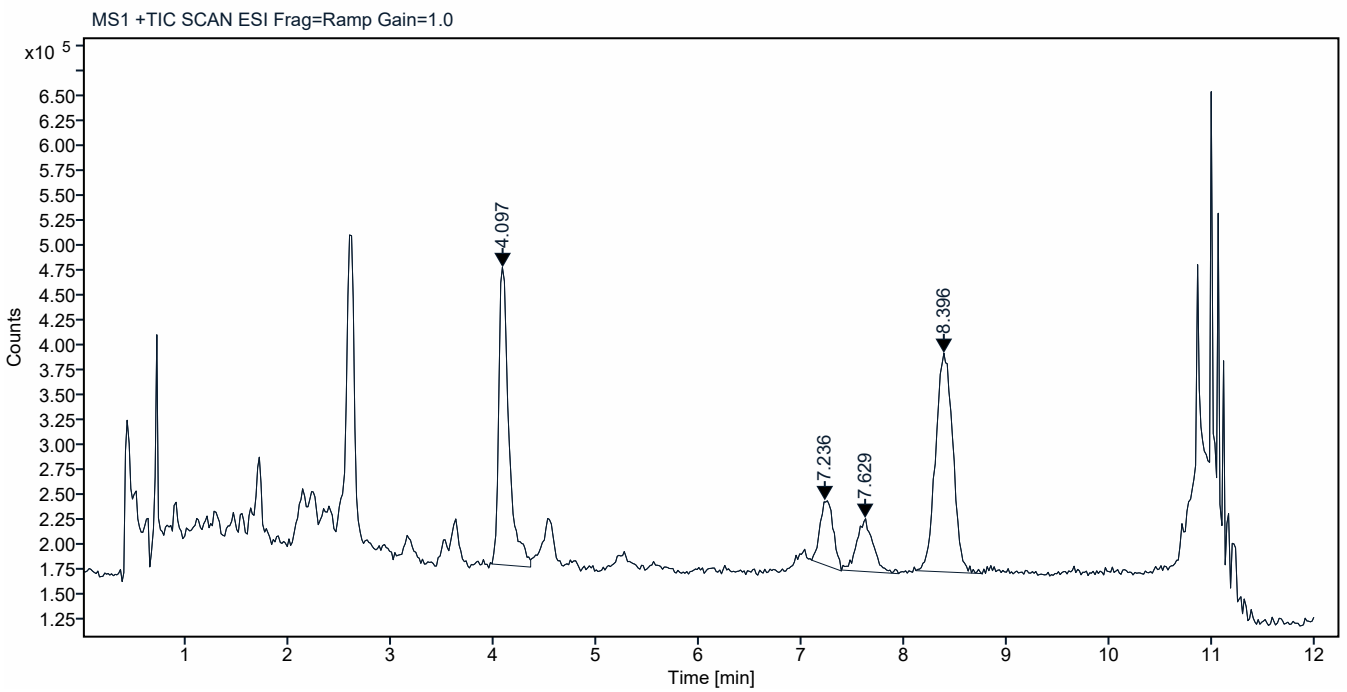


AK

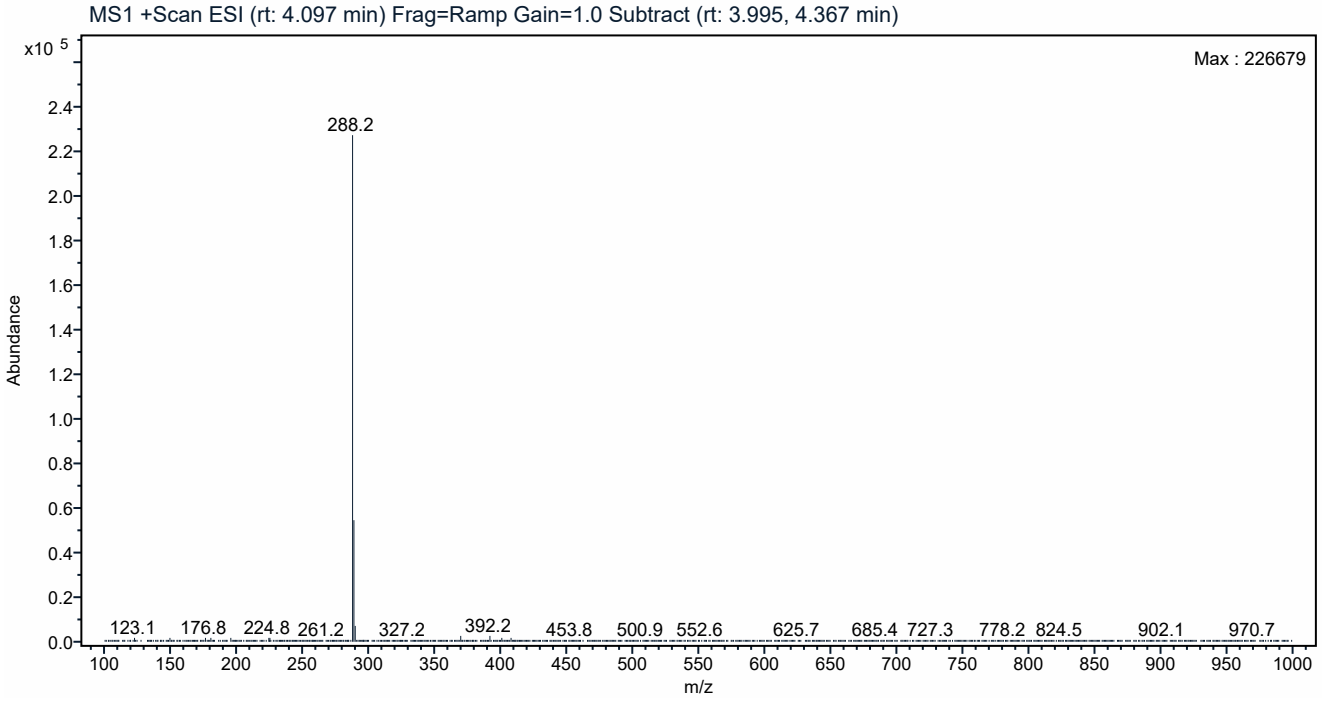
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(14).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 01:12:33-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN(14).sirslt

Plant Material 14



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.097

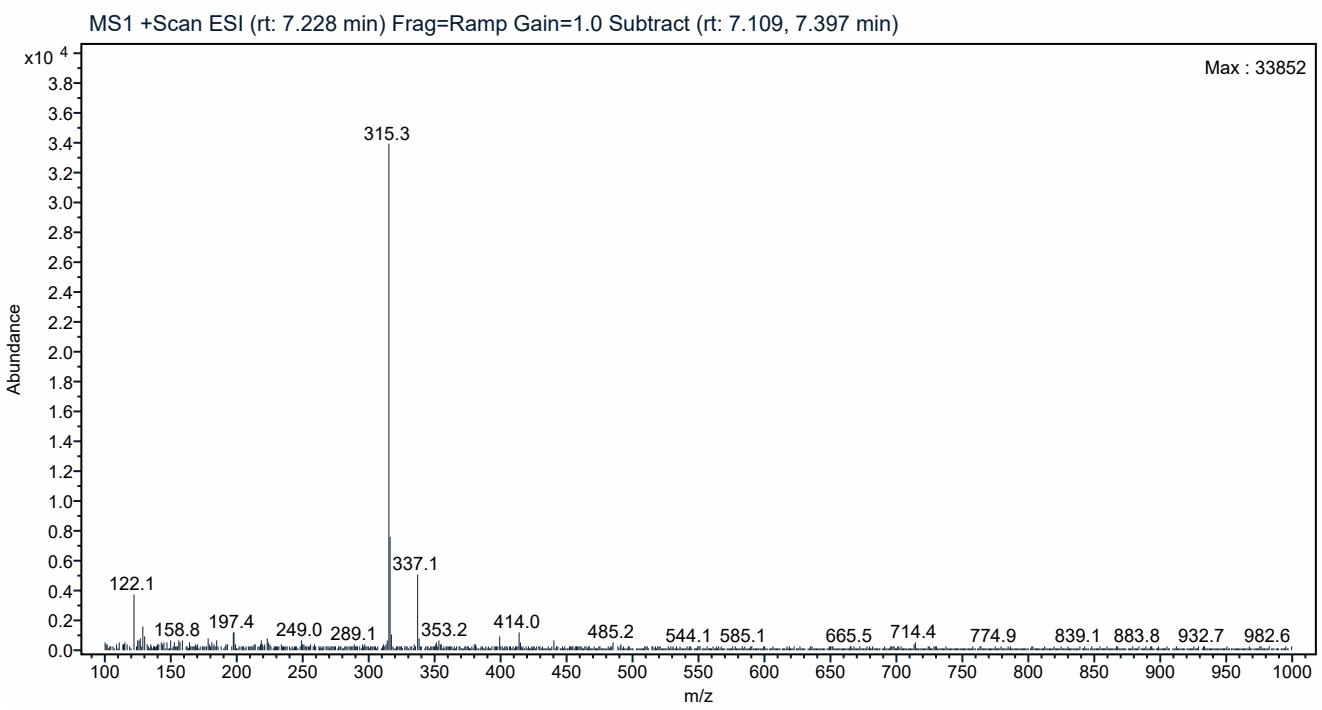


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(14).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 01:12:33-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN(14).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.236

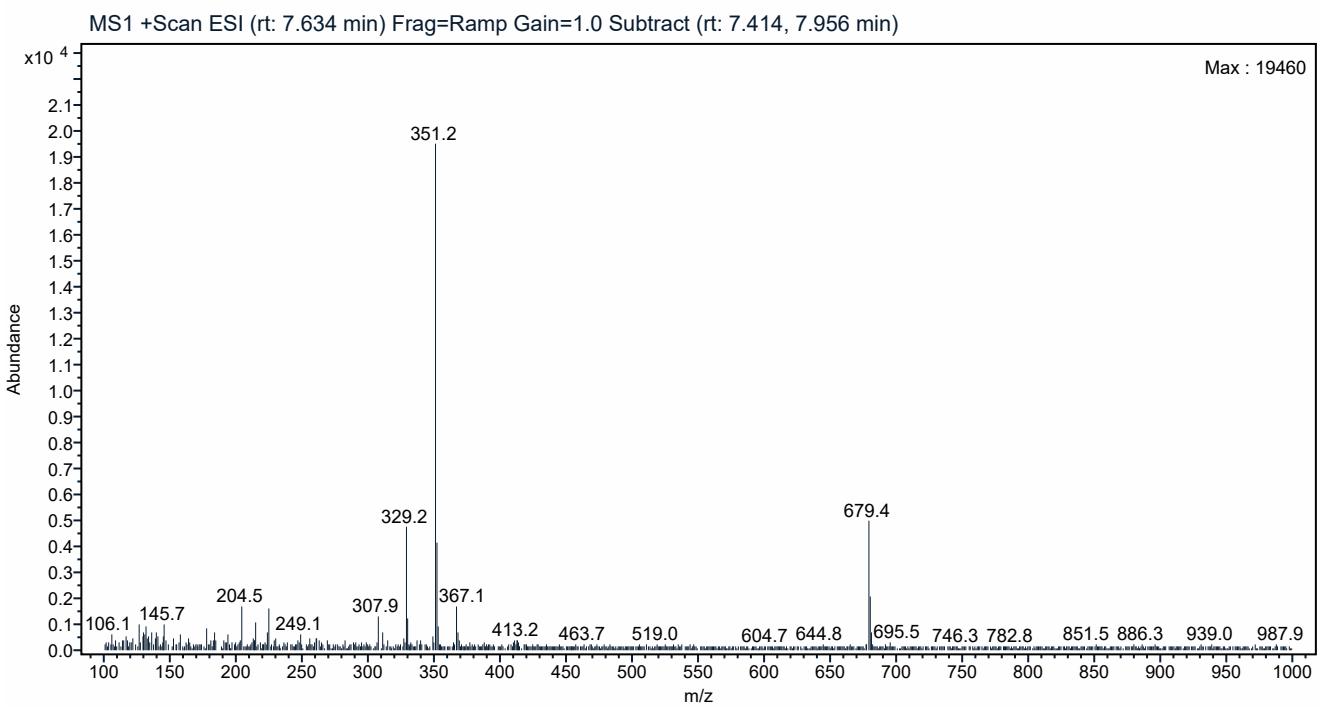


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(14).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 01:12:33-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN(14).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.629

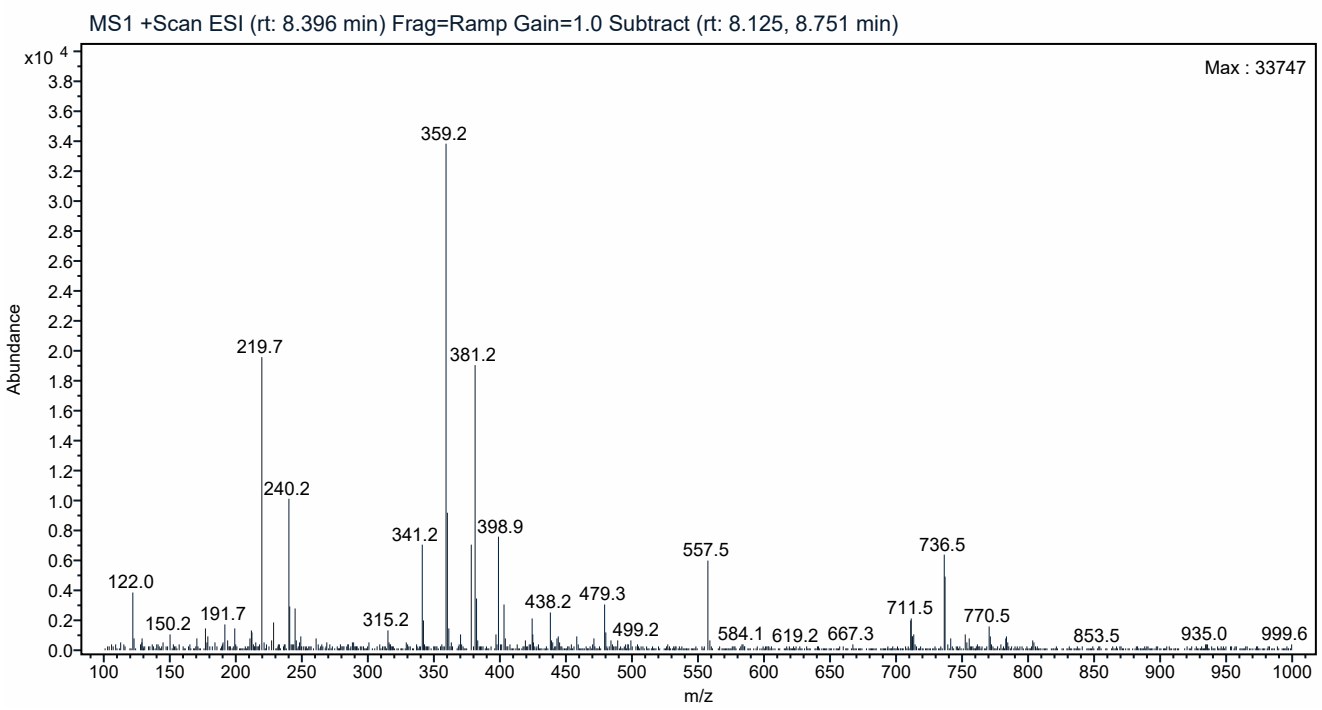


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(14).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 01:12:33-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-4-24\PM 26uL in 2mL MeOH-ACN(14).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.396



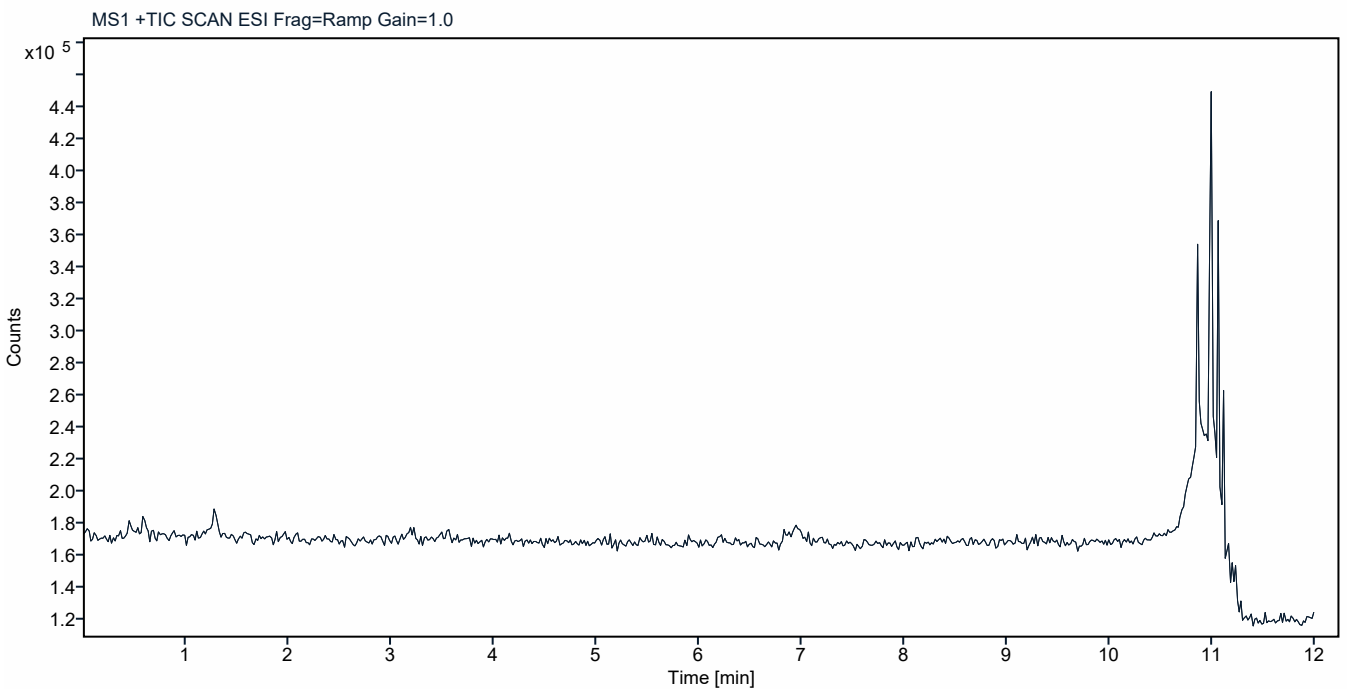
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.097	0.3753	2049247.4004	298500.6295	35.3547
7.236	0.2877	588542.6881	64739.5415	10.1538
7.629	0.5558	588190.3930	53603.1458	10.1478
8.396	0.6395	2570279.0075	219509.7583	44.3438

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank for PM MeOH-ACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-06 03:14:55-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\Blank for PM MeOH-ACN.sirslt

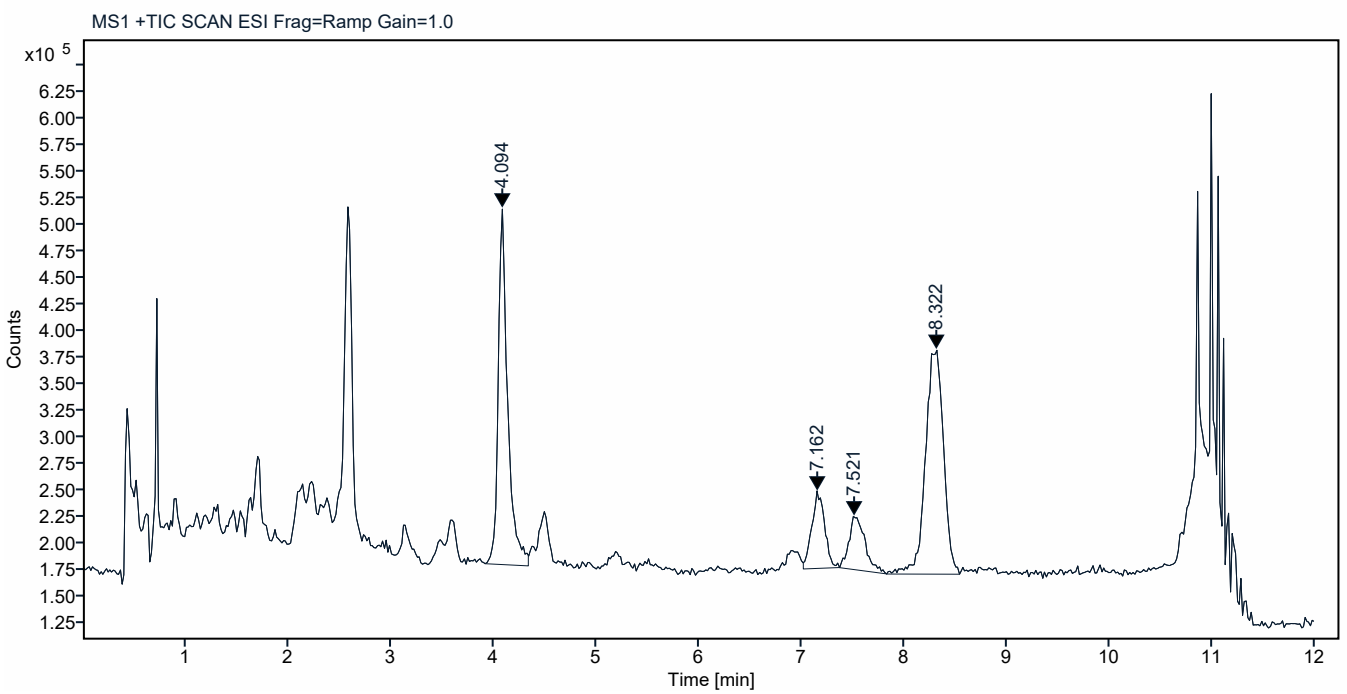


AK

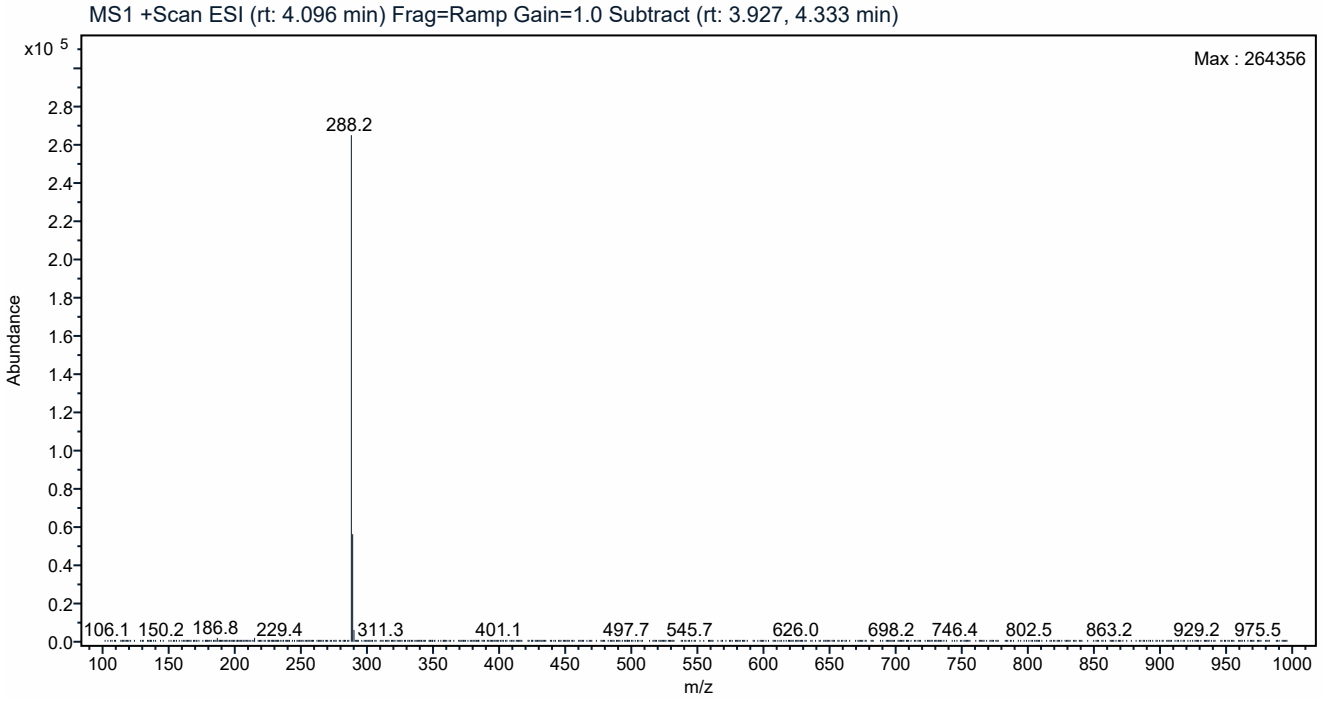
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 03:28:30-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN.sirslt

Plant Material 15



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.094

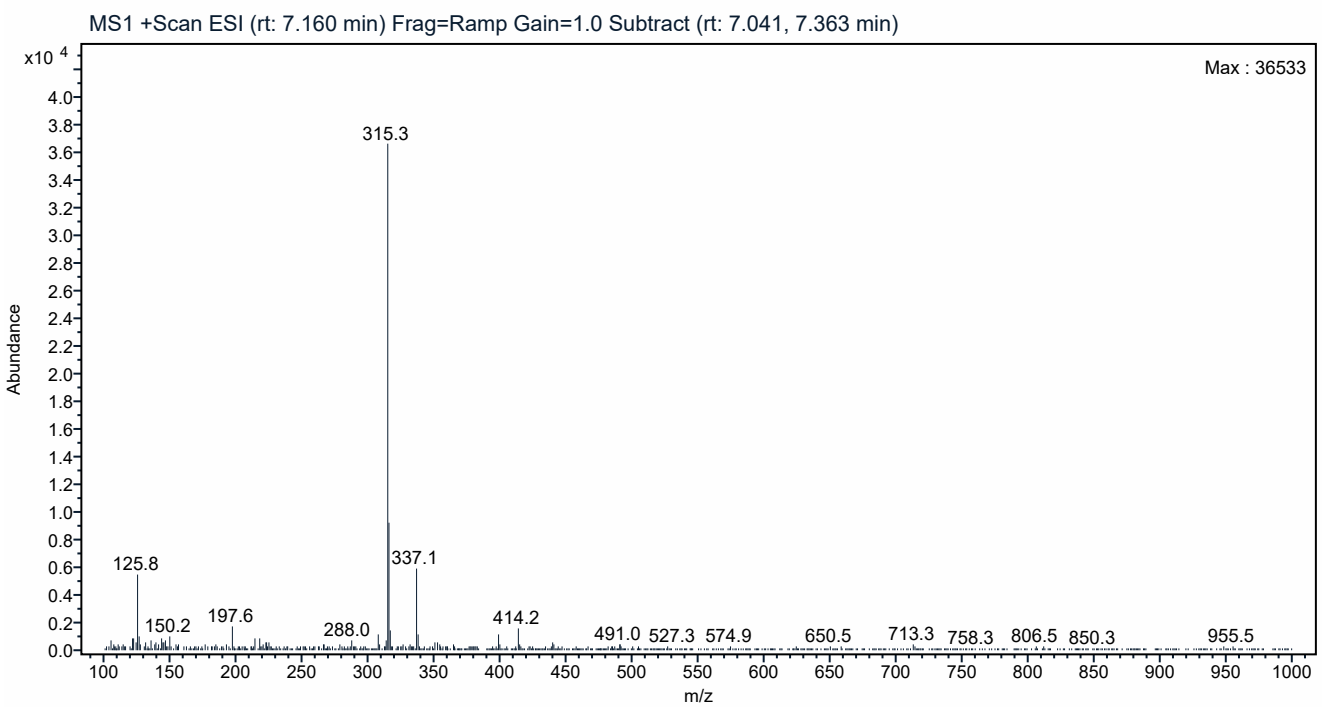


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 03:28:30-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN.sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.162

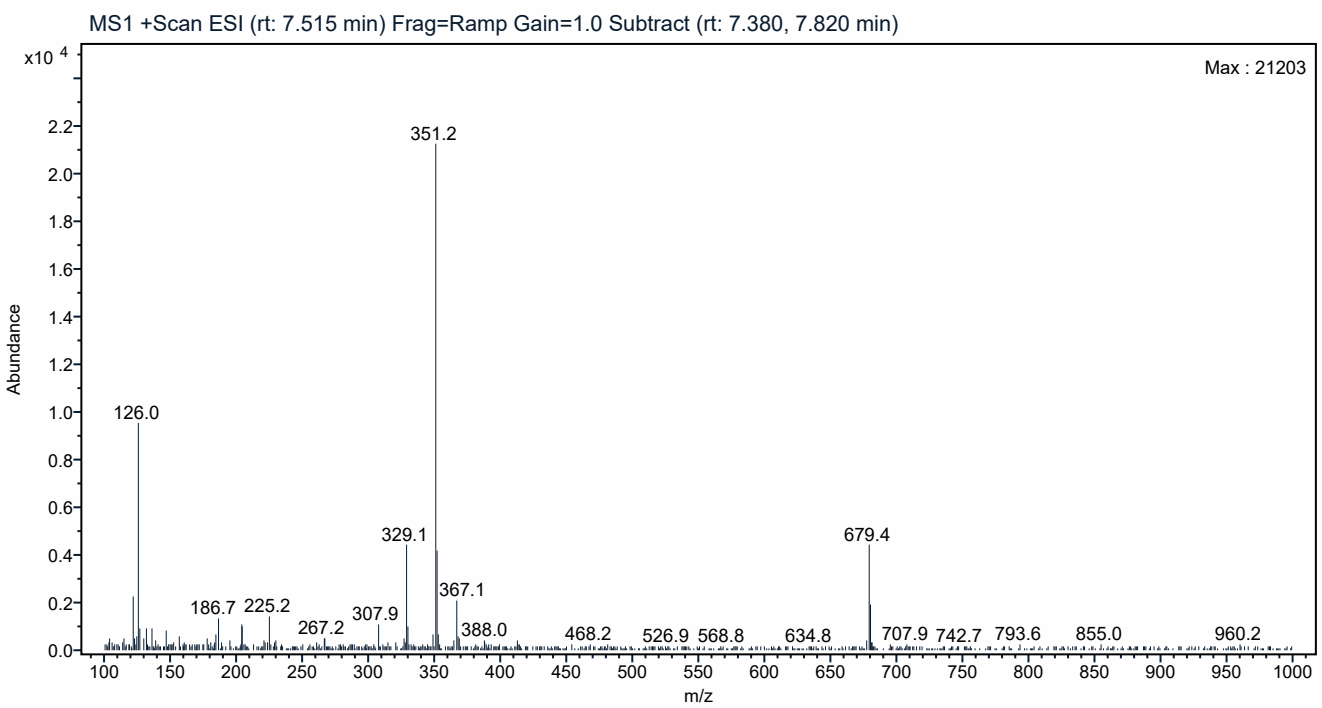


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 03:28:30-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN.sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.521

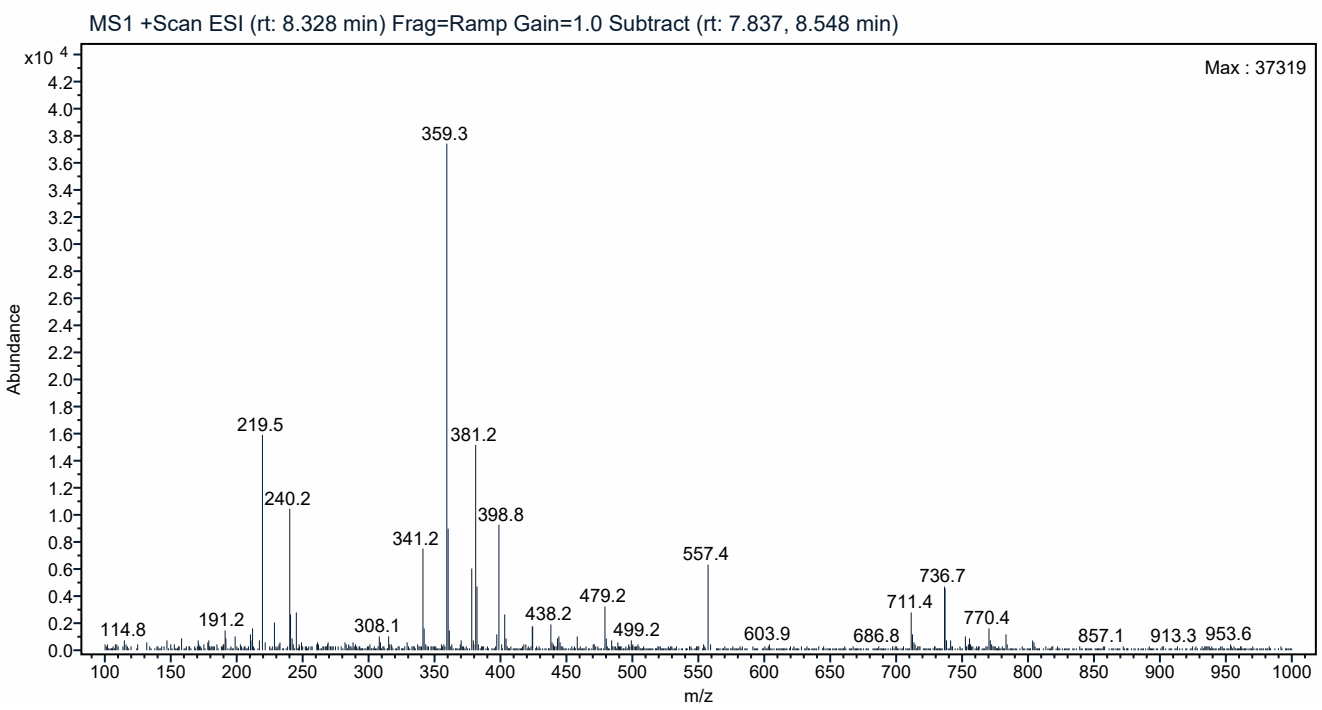


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 03:28:30-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN.sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.322



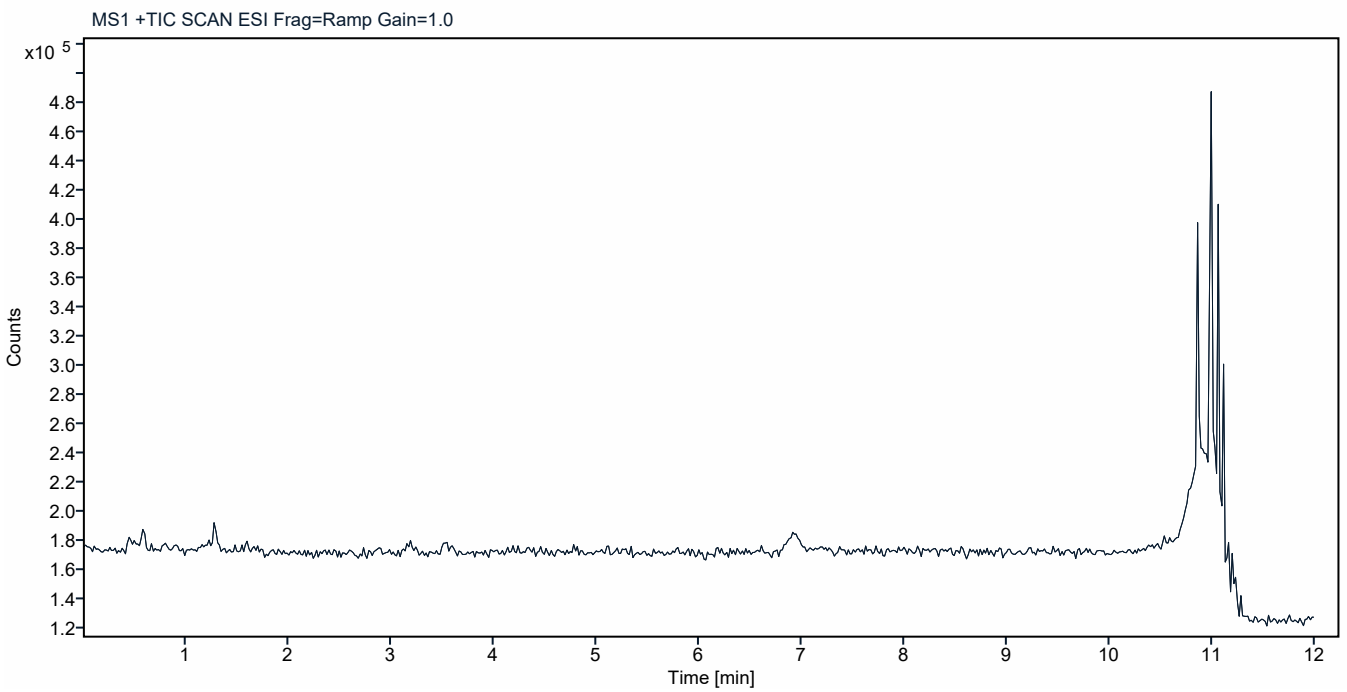
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.094	0.4205	2141906.5086	335989.4911	36.2817
7.162	0.3529	629286.5436	73173.9879	10.6595
7.521	0.4554	548061.0263	50798.2708	9.2836
8.322	0.7109	2584293.9049	211915.5180	43.7753

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank PM MeOH-ACN (2).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-06 04:36:28-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\Blank PM MeOH-ACN (2).sirslt

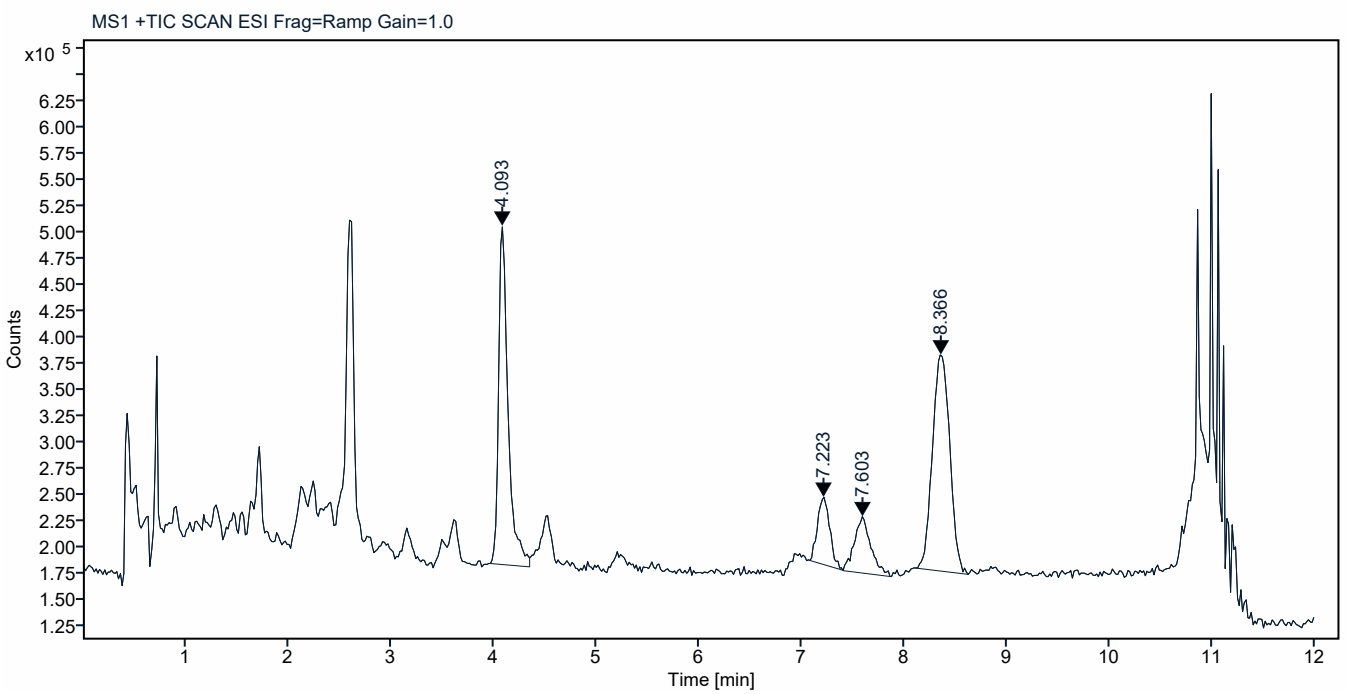


AK

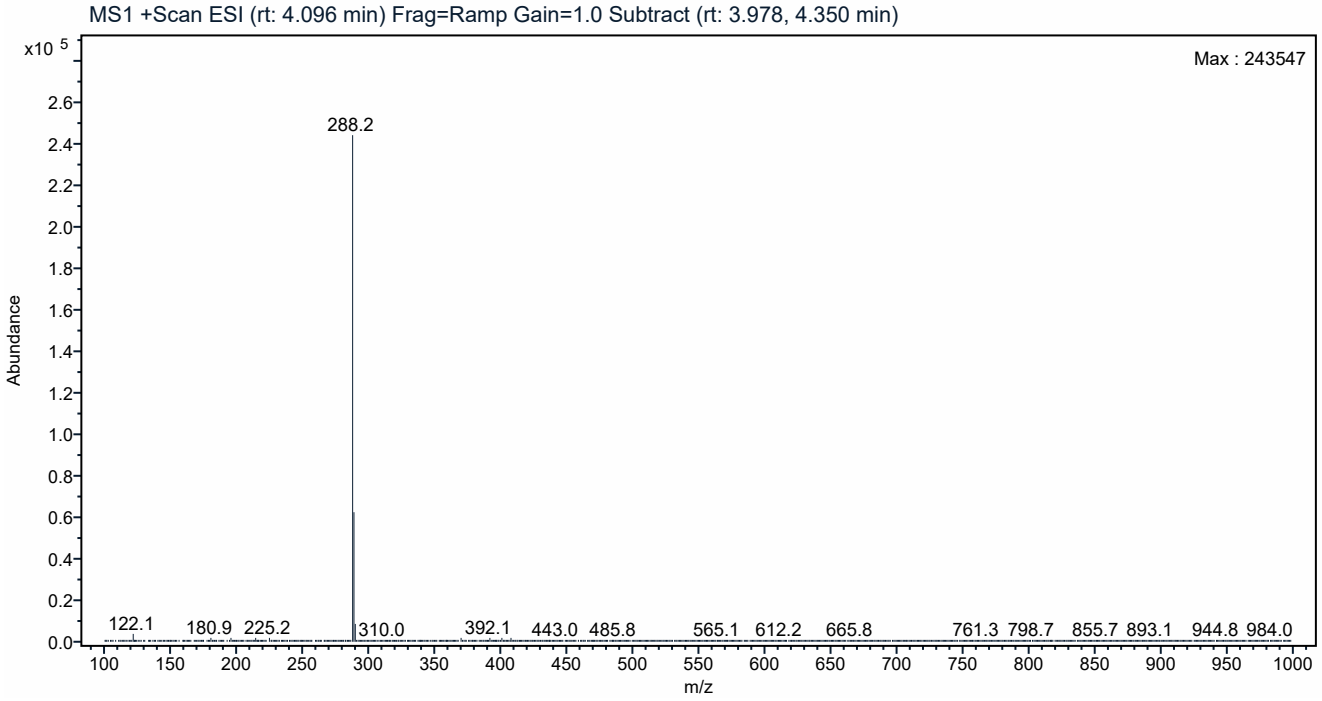
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (2).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 04:50:02-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN (2).sirslt

Plant Material 16



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.093

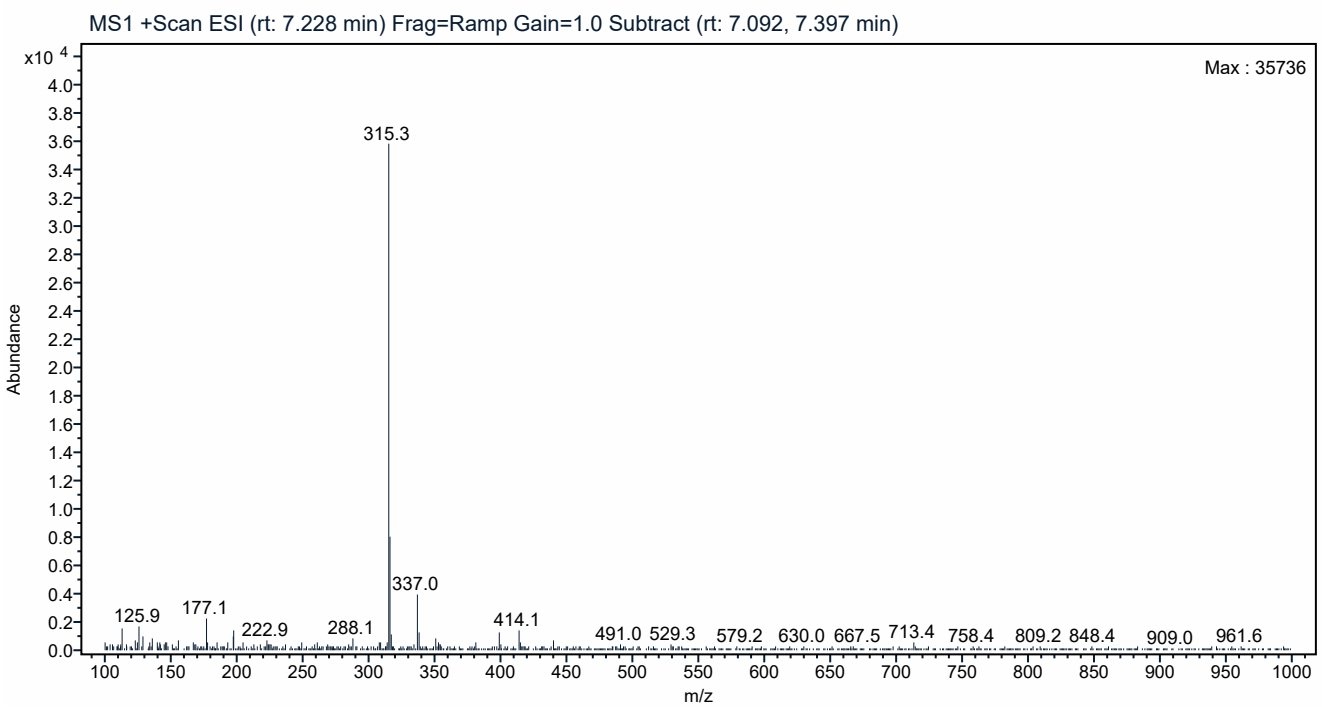


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (2).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 04:50:02-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN (2).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.223

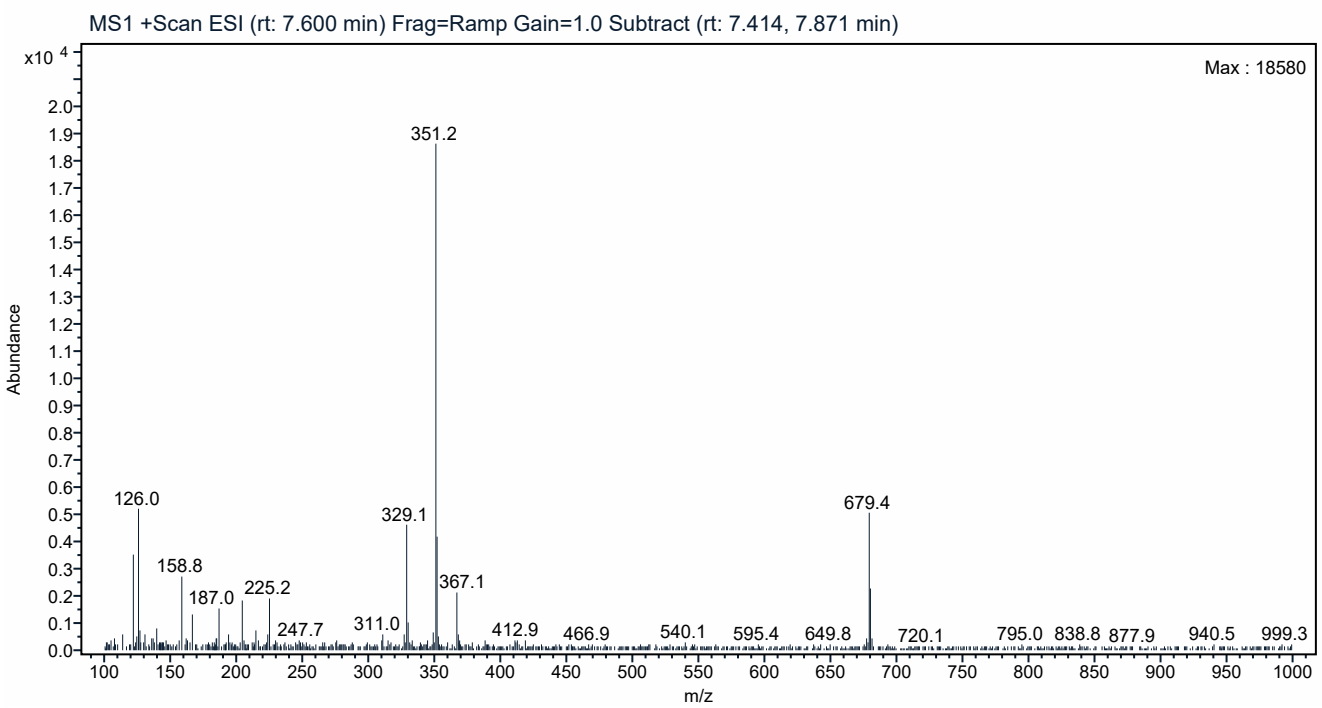


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (2).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 04:50:02-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN (2).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.603

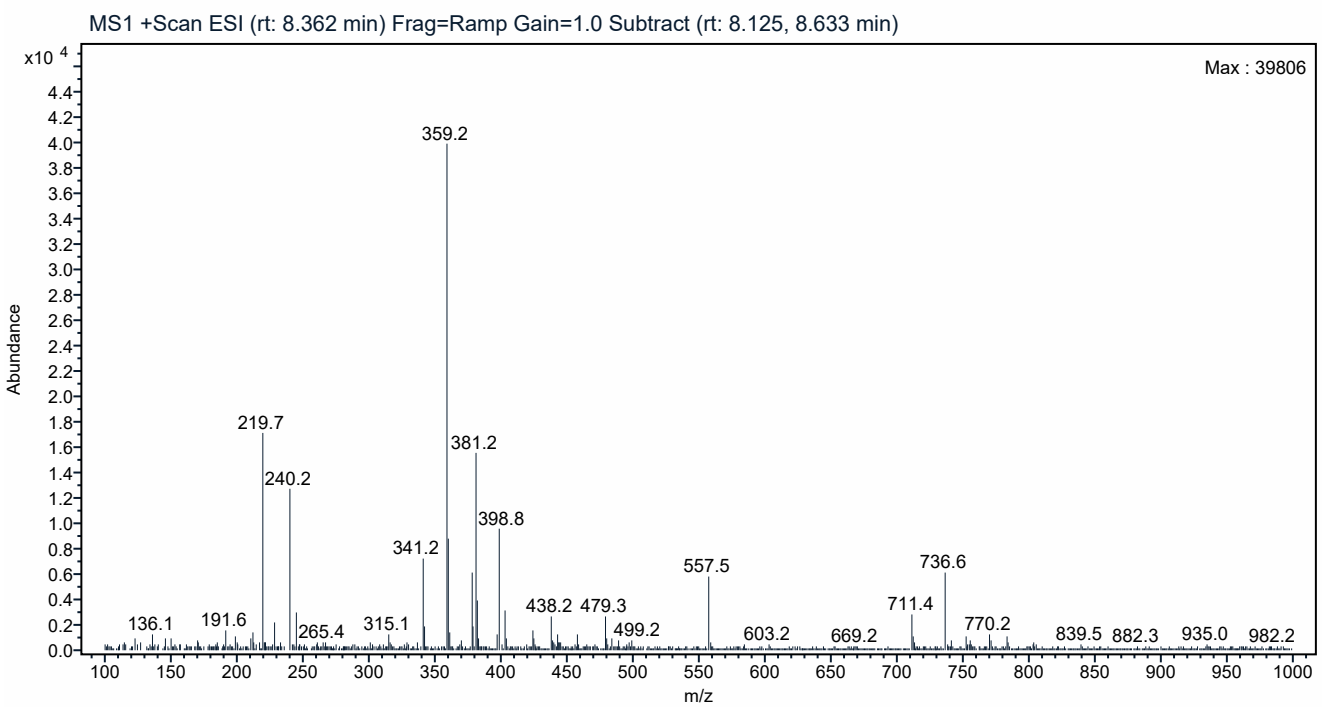


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (2).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 04:50:02-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN (2).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.366



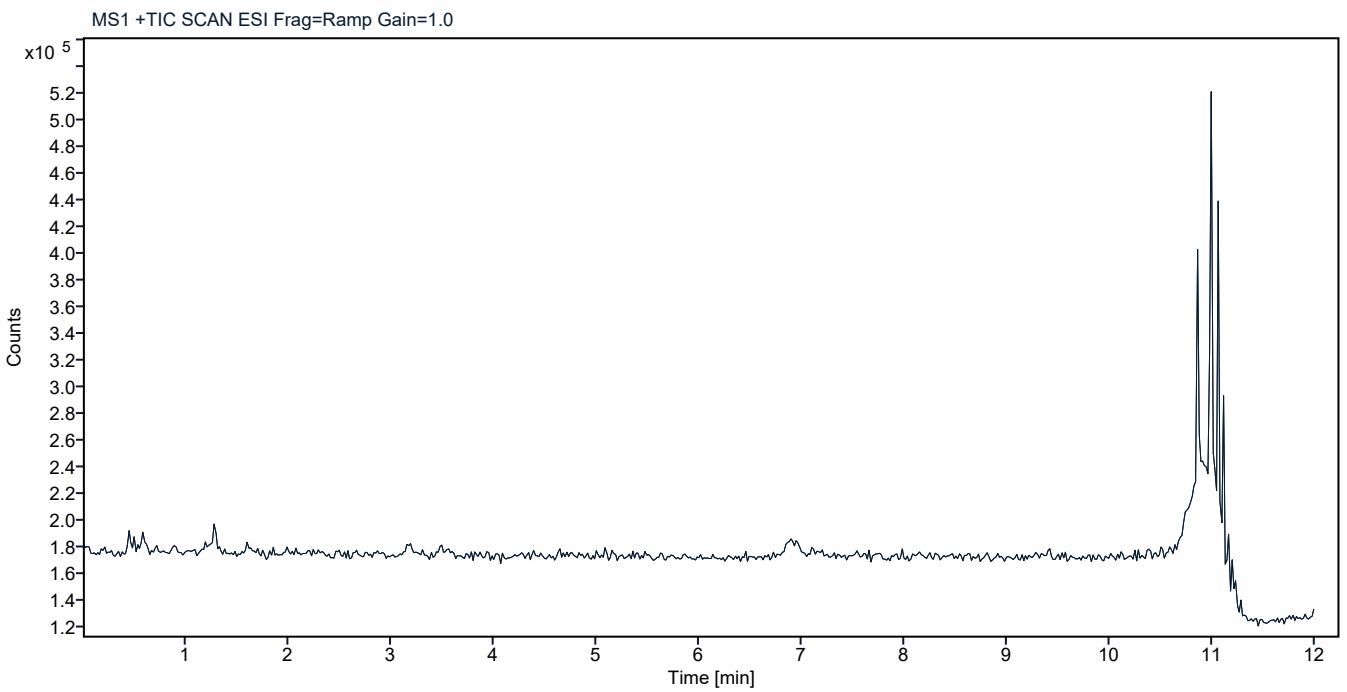
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.093	0.3824	2069337.7399	322624.3946	36.8341
7.223	0.3191	531466.3611	64326.1102	9.4601
7.603	0.4570	598295.0826	53949.5306	10.6496
8.366	0.5078	2418894.9474	206176.3298	43.0562

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank PM MeOH-ACN (3).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-06 05:17:15-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\Blank PM MeOH-ACN (3).sirslt

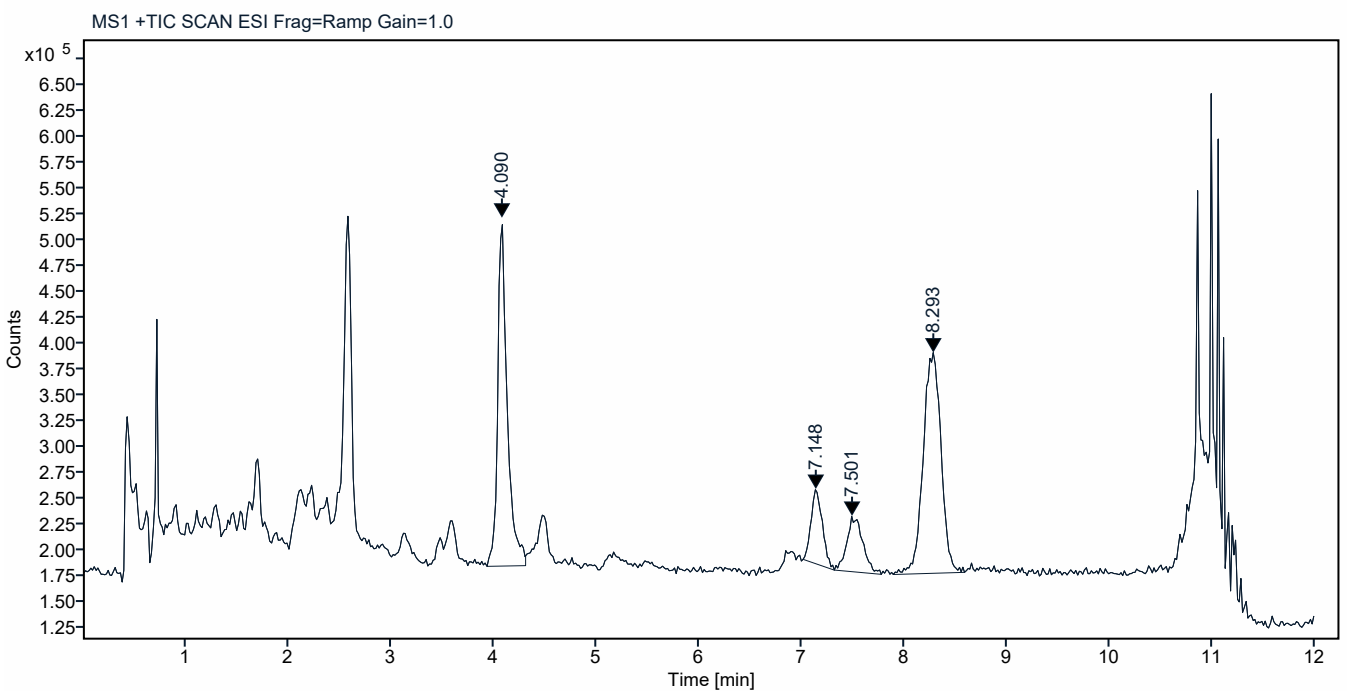


AK

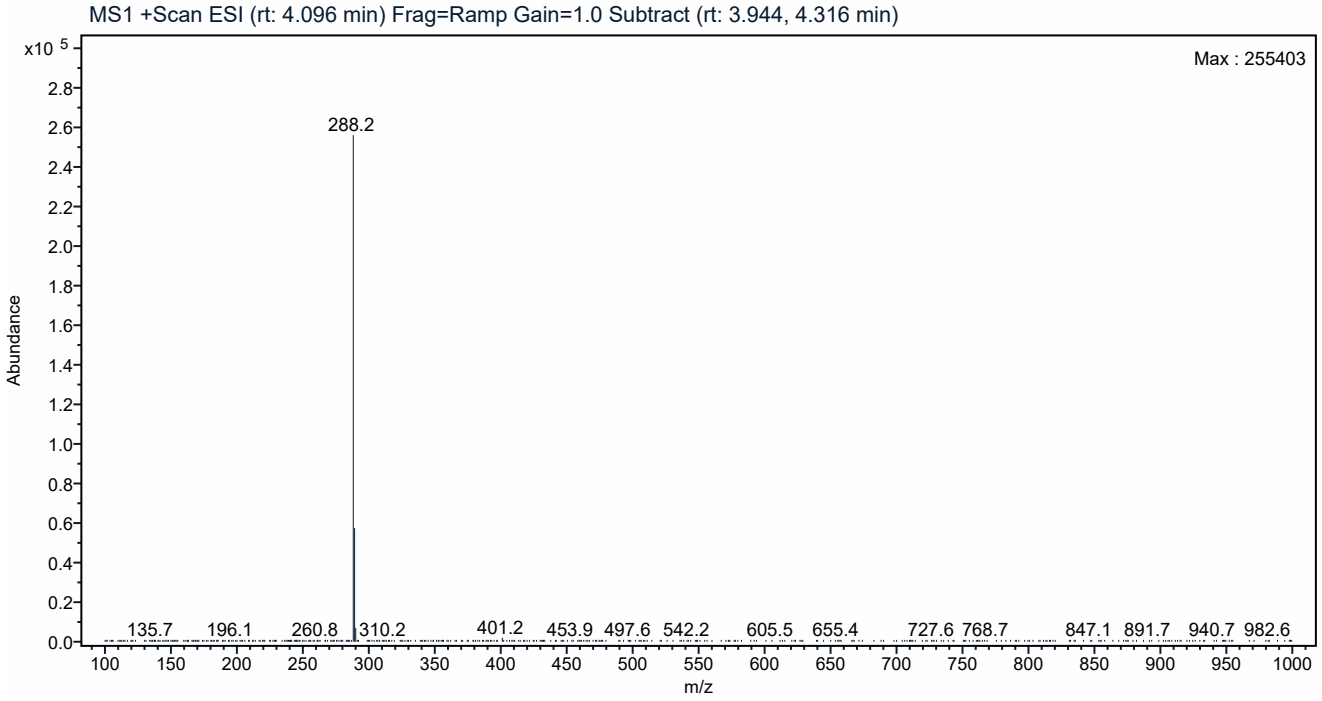
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (3).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 05:30:47-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN (3).sirslt

Plant Material 17



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.090

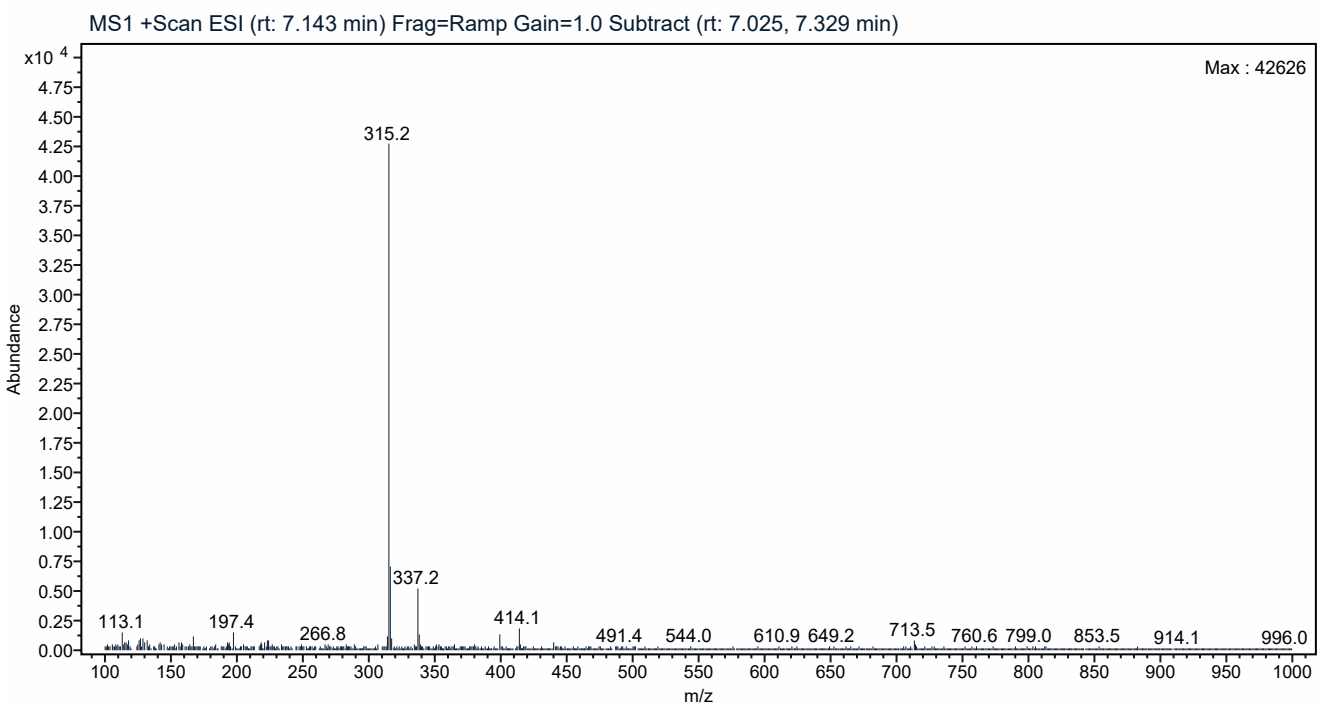


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (3).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 05:30:47-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN (3).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.148

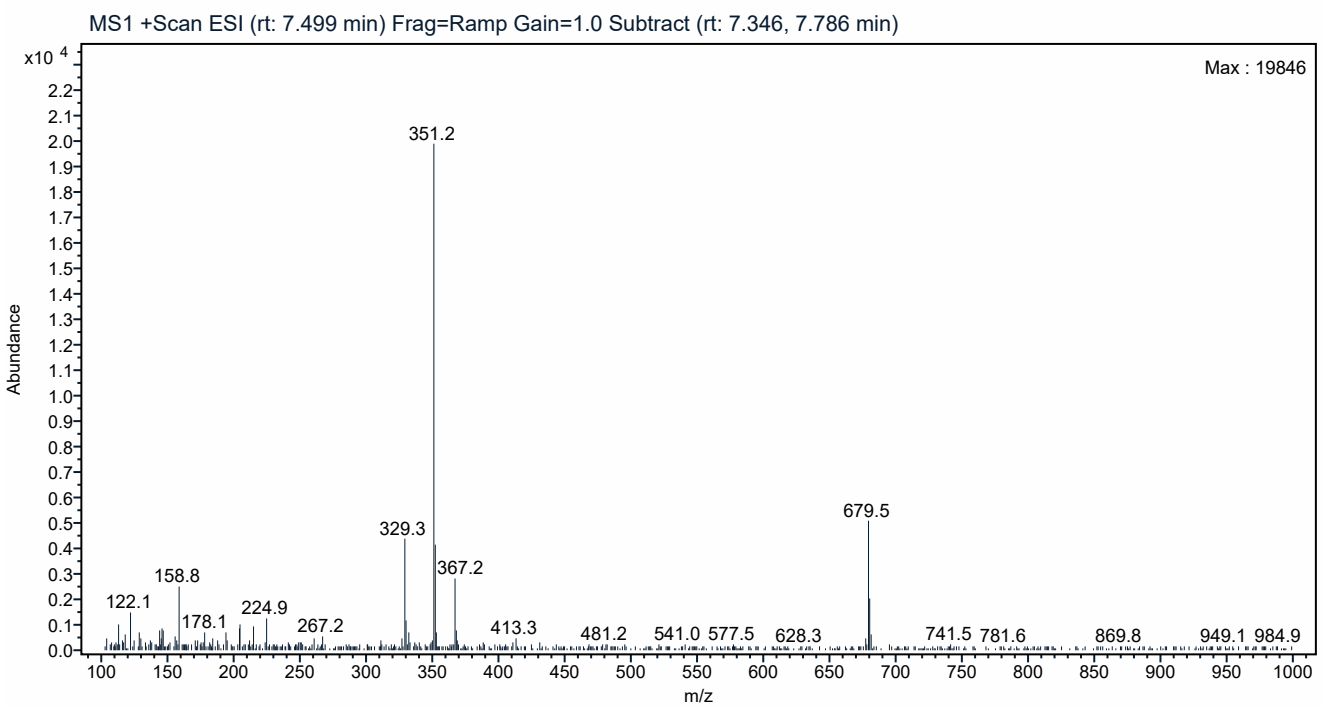


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (3).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 05:30:47-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN (3).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.501

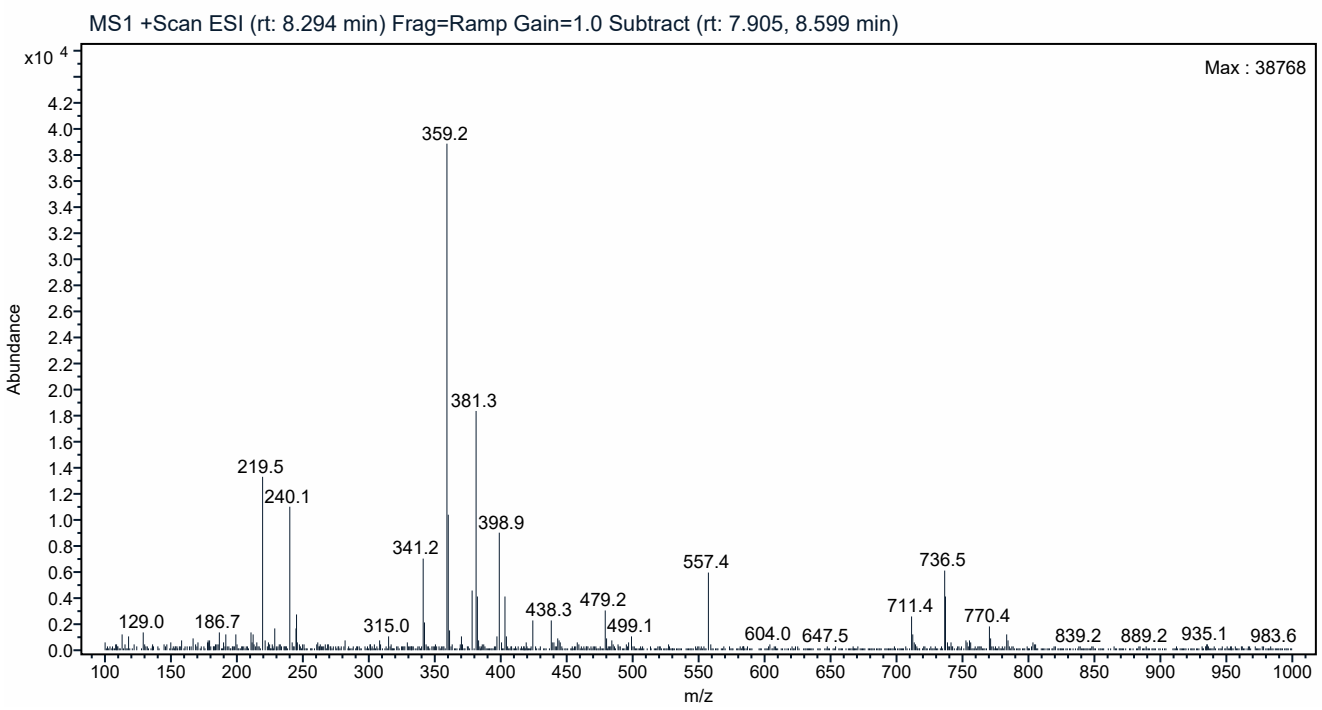


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (3).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 05:30:47-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN (3).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.293



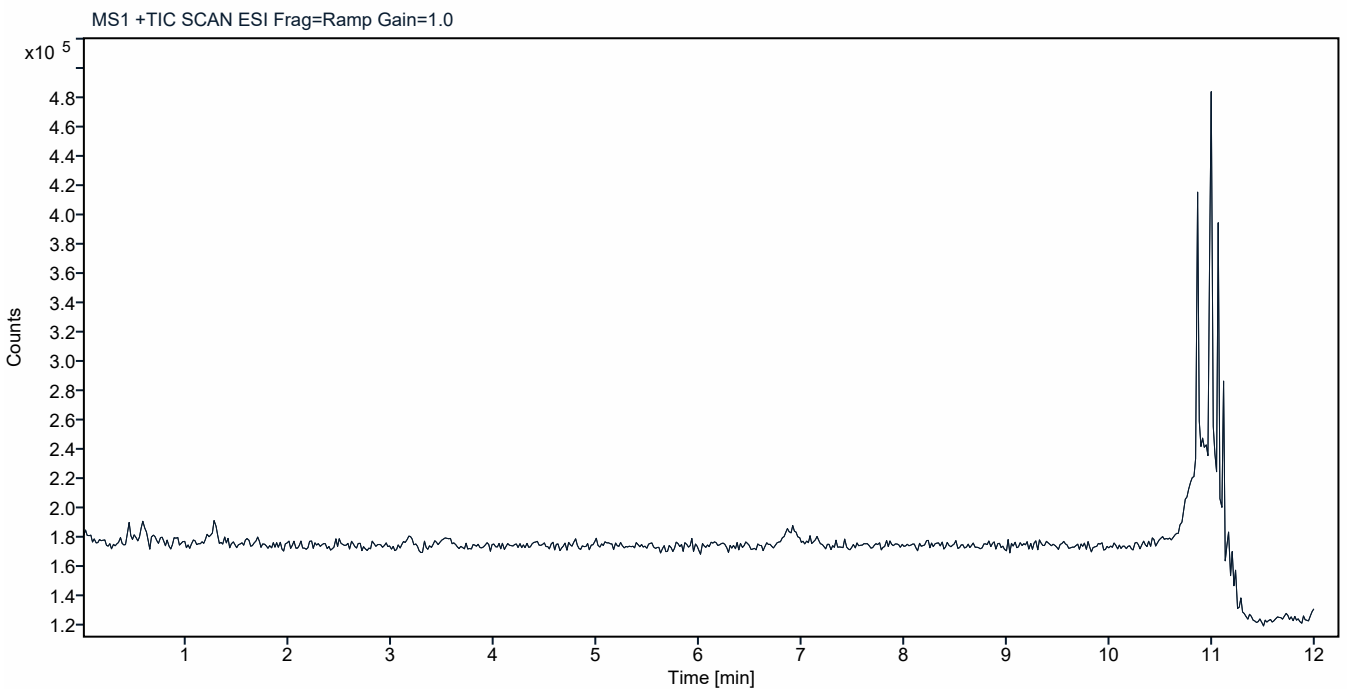
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.090	0.3769	2159577.2304	337017.6637	36.7547
7.148	0.3047	551455.8335	72256.7877	9.3854
7.501	0.4567	580104.6576	53923.1308	9.8730
8.293	0.6940	2584510.4998	213517.3966	43.9868

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank PM MeOH-ACN (4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-06 06:38:47-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\Blank PM MeOH-ACN (4).sirslt

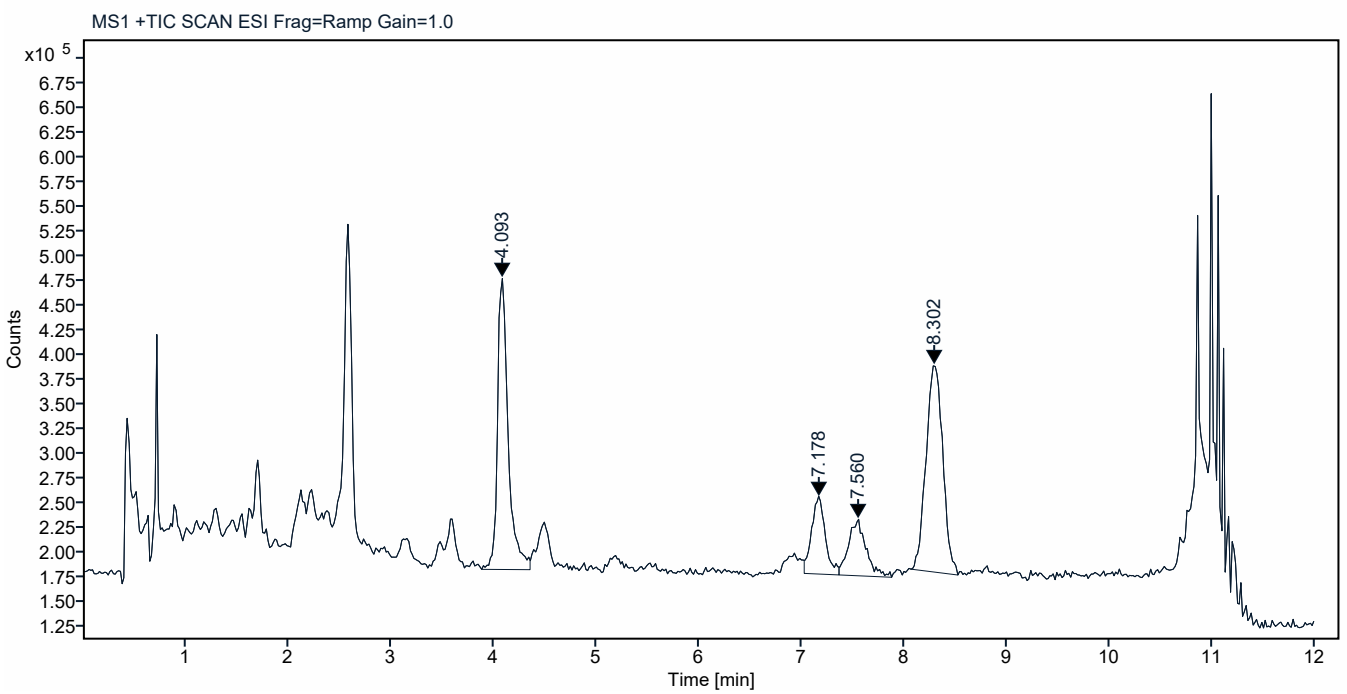


AK

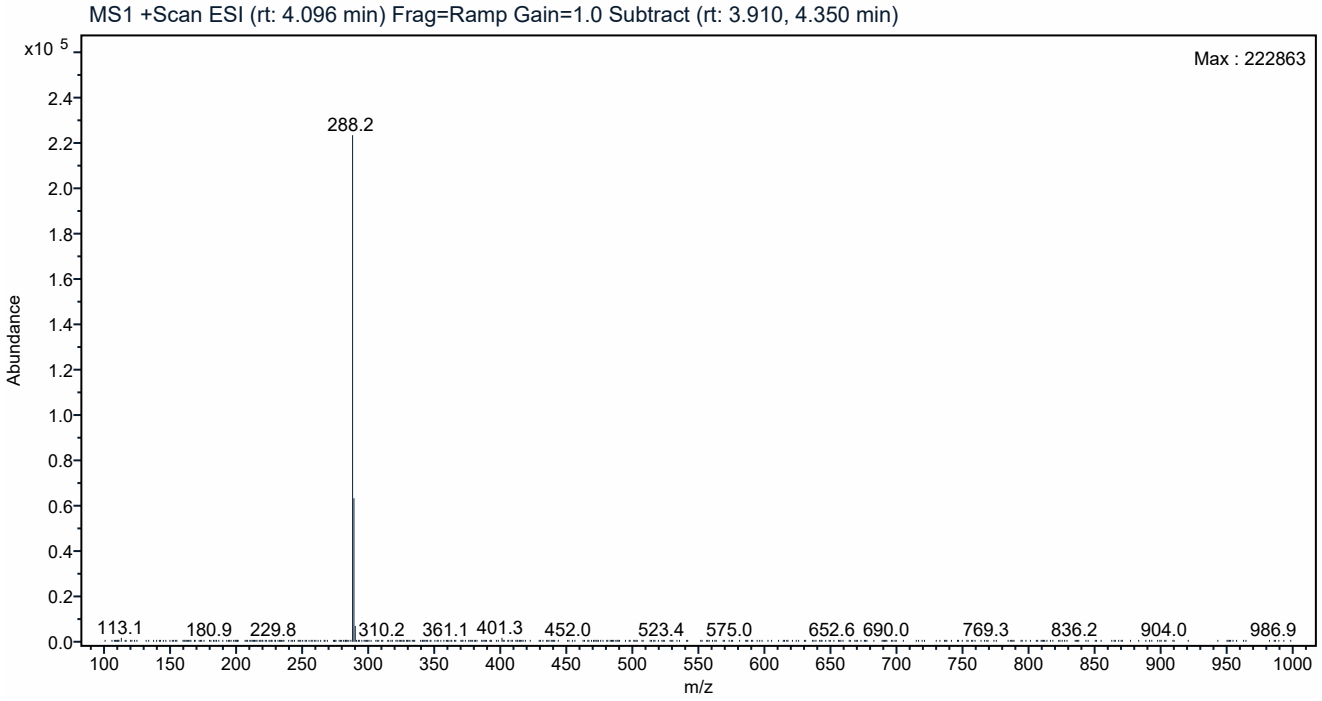
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 06:52:20-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN (4).sirslt

Plant Material 18



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.093

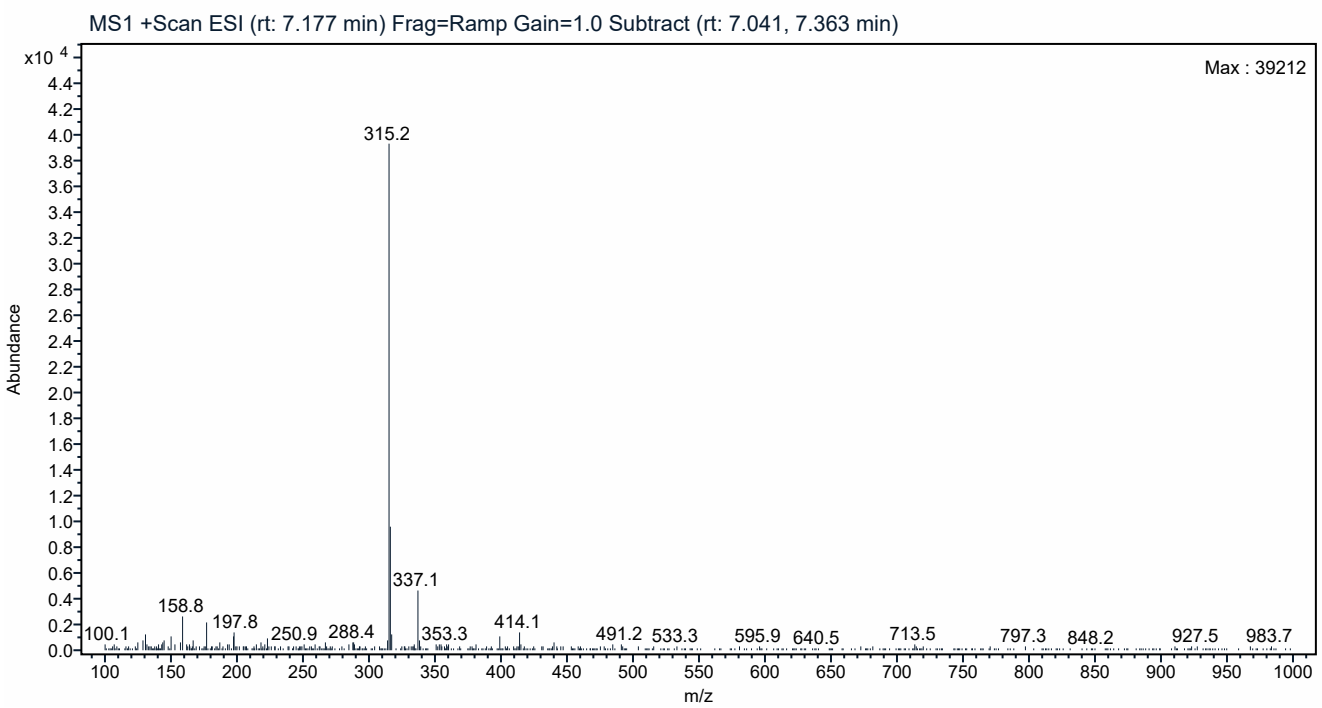


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 06:52:20-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN (4).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.178

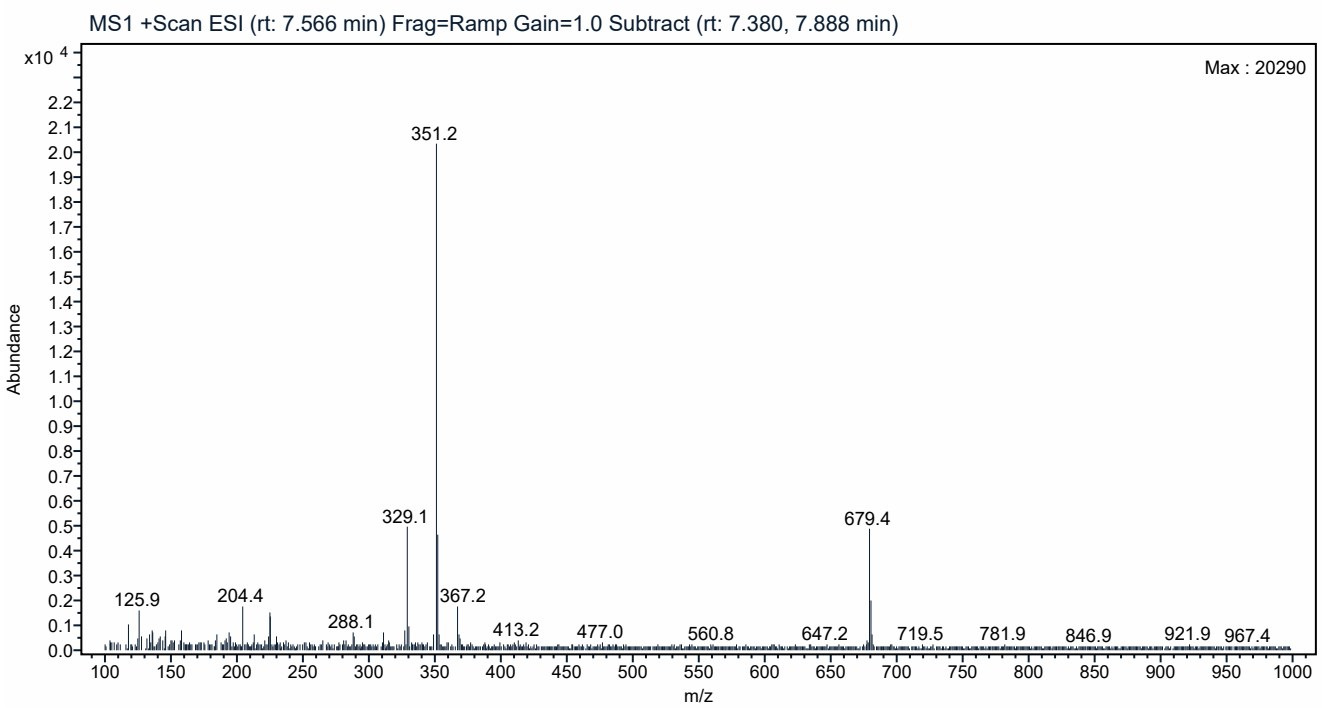


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 06:52:20-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN (4).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.560

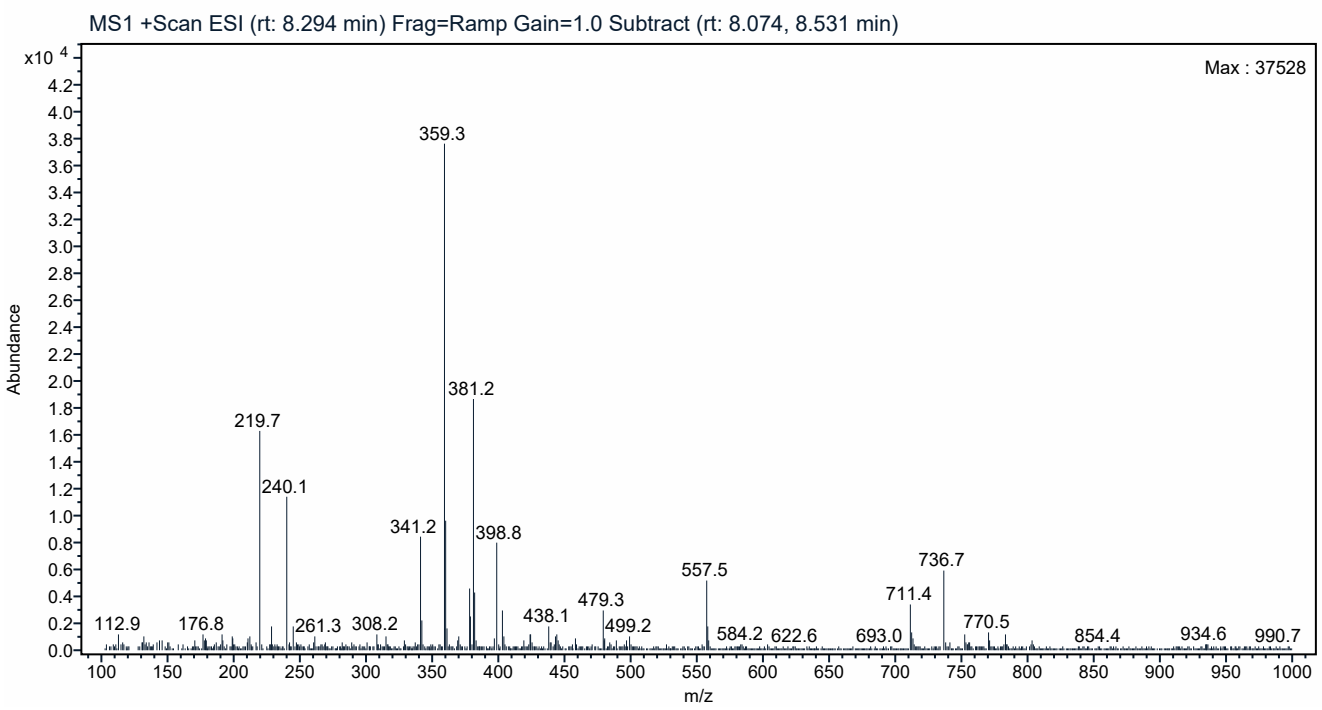


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN (4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 06:52:20-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN (4).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.302



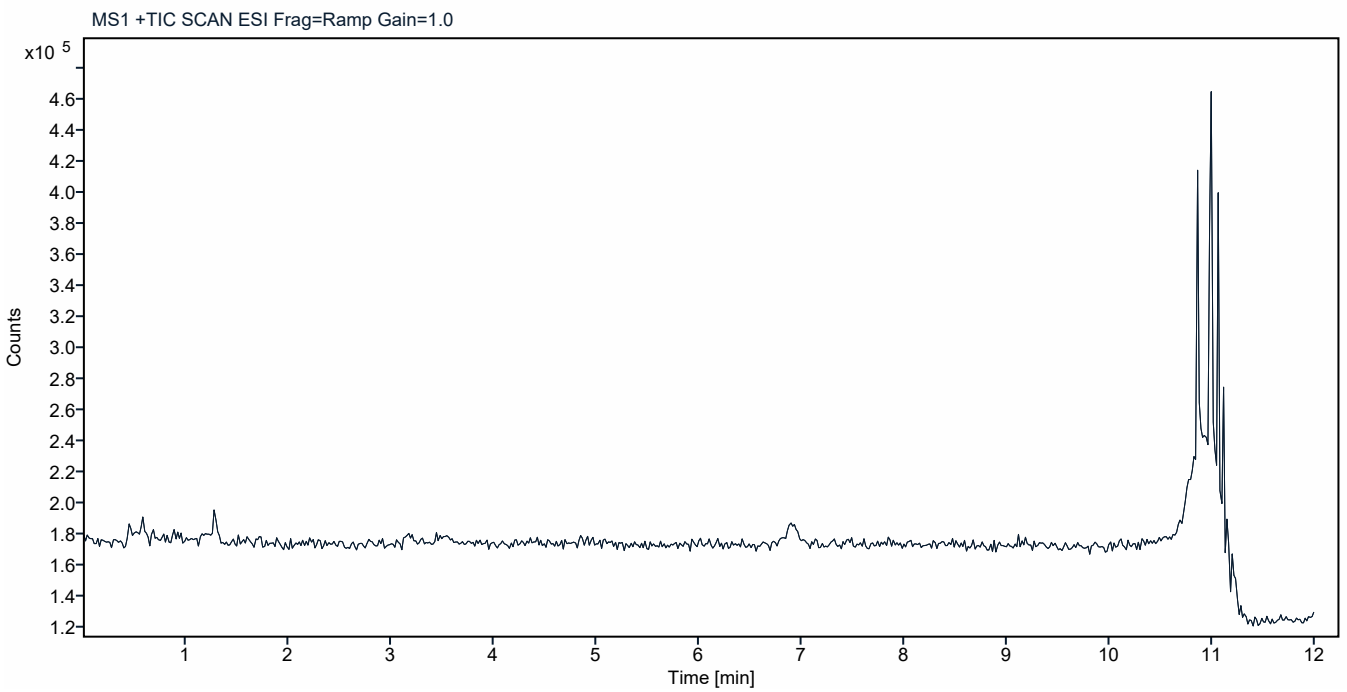
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.093	0.4713	2136420.9753	295941.2505	36.1043
7.178	0.3391	728076.4298	78813.6263	12.3041
7.560	0.5133	676539.8091	58175.7611	11.4331
8.302	0.4570	2376316.7546	210298.1843	40.1584

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank PM MeOH-ACN(5).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-06 08:00:18-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\Blank PM MeOH-ACN(5).sirslt

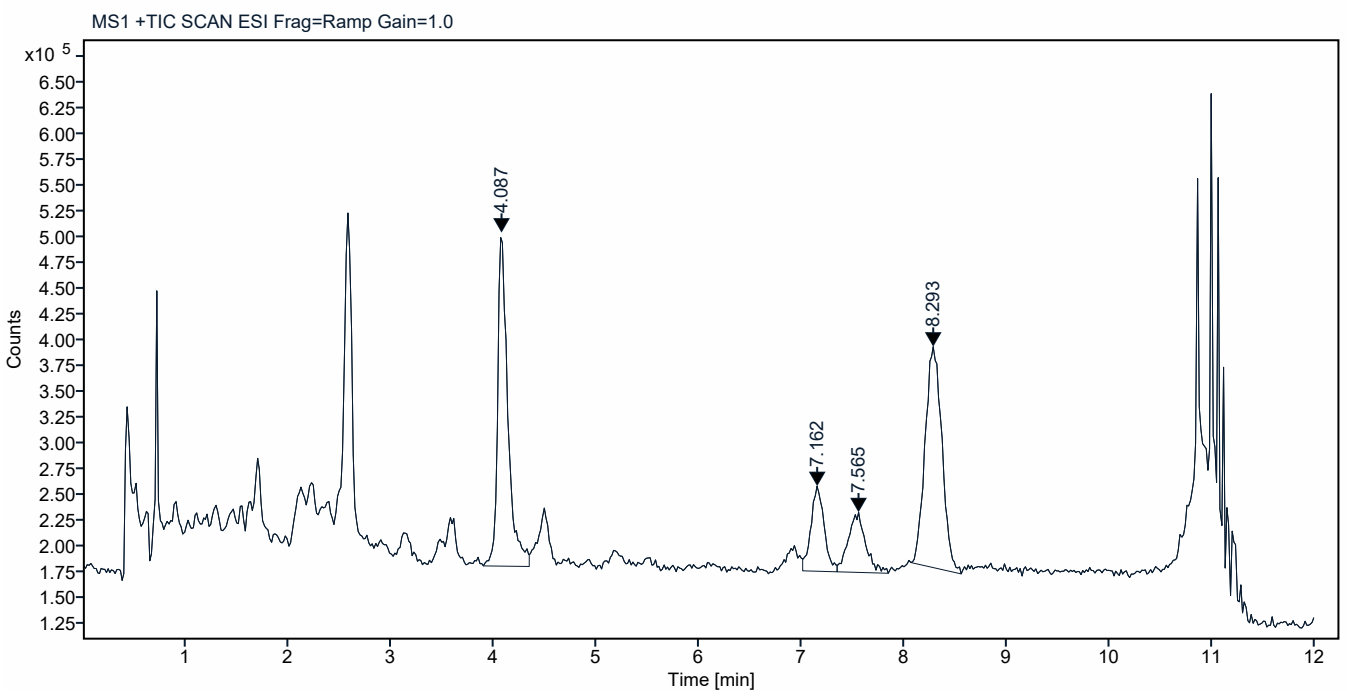


AK

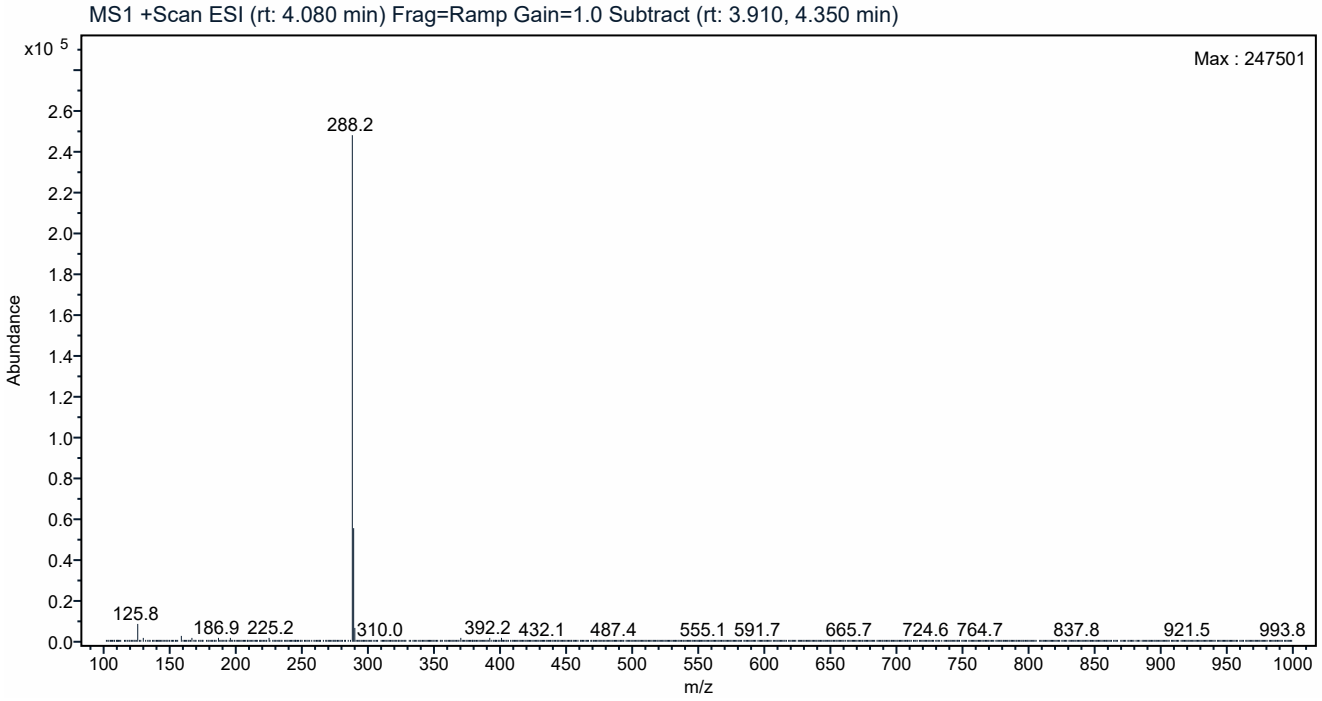
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(5).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 08:13:53-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN(5).sirslt

Plant Material 19



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.087

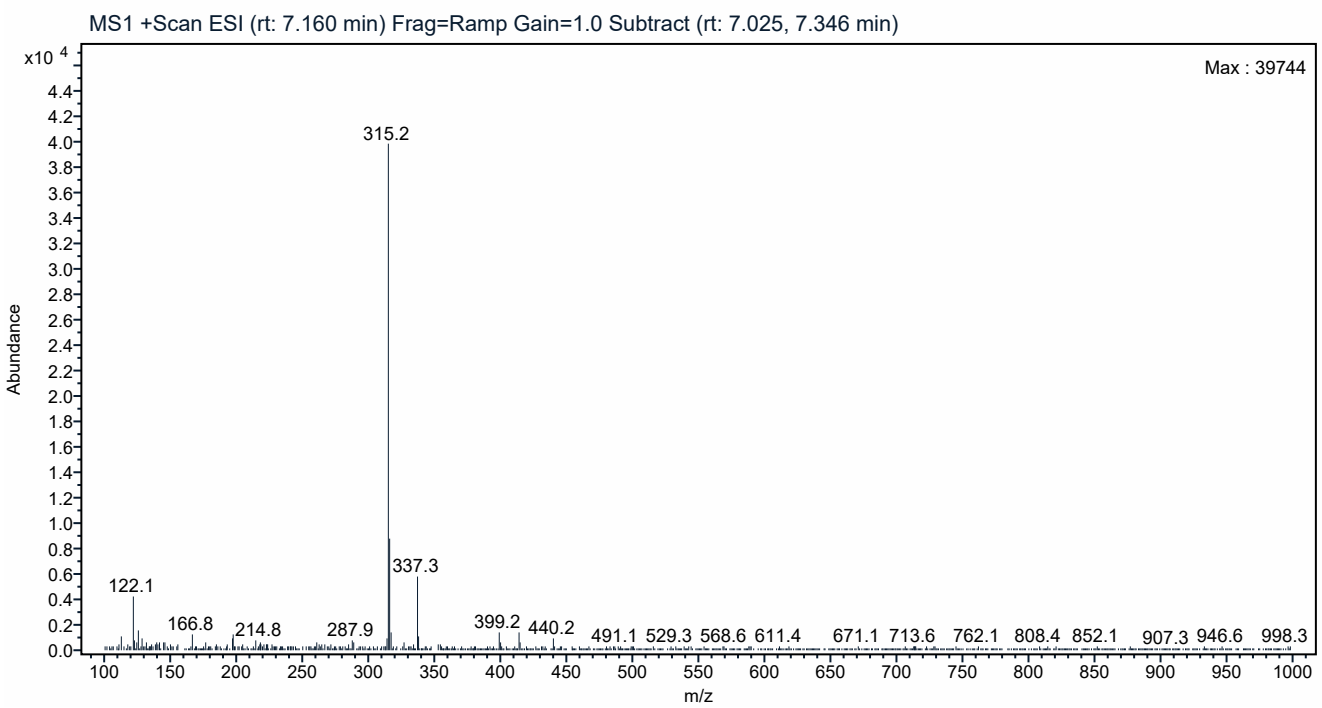


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(5).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 08:13:53-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN(5).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.162

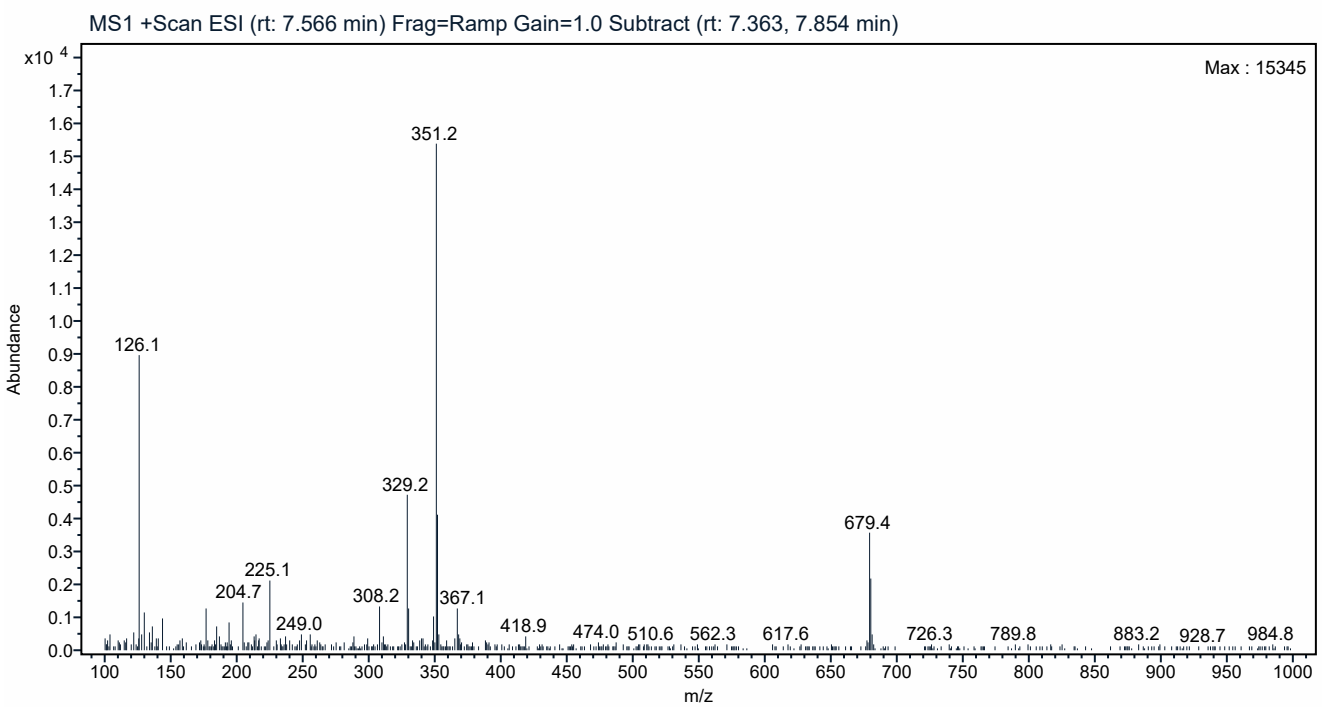


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(5).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 08:13:53-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN(5).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.565

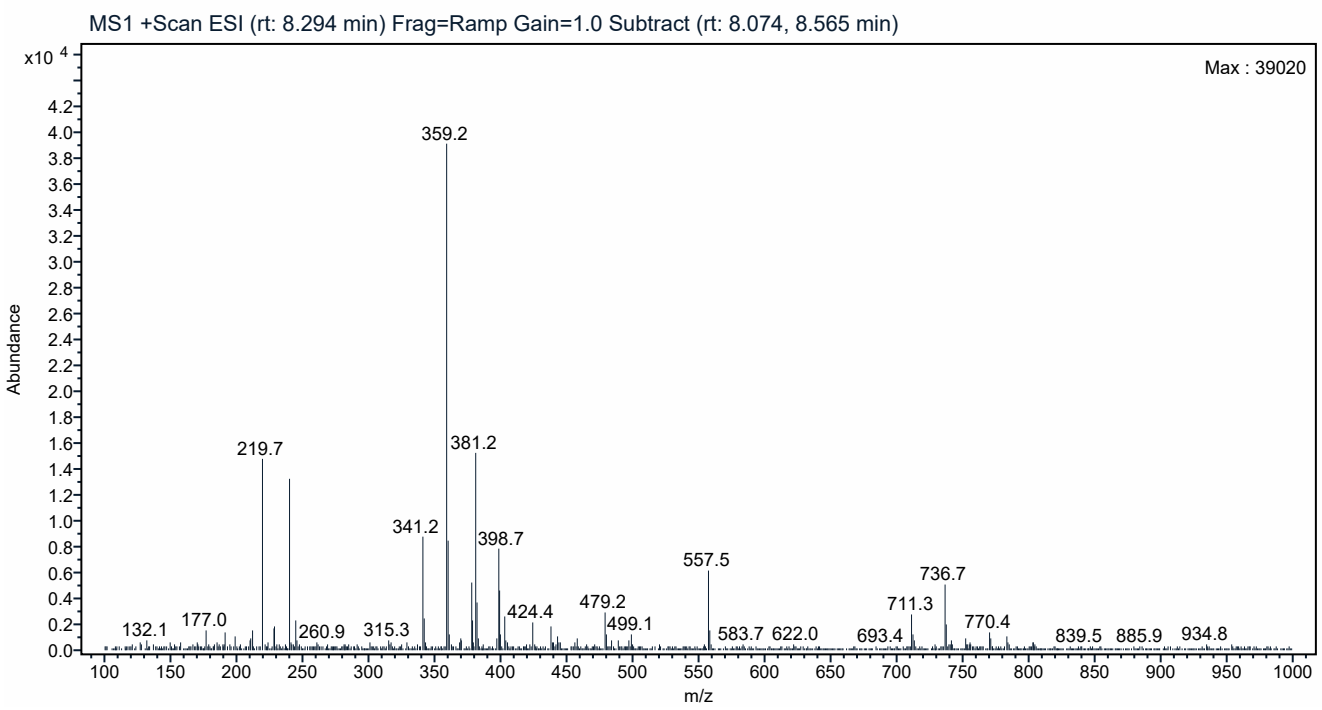


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(5).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 08:13:53-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN(5).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.293



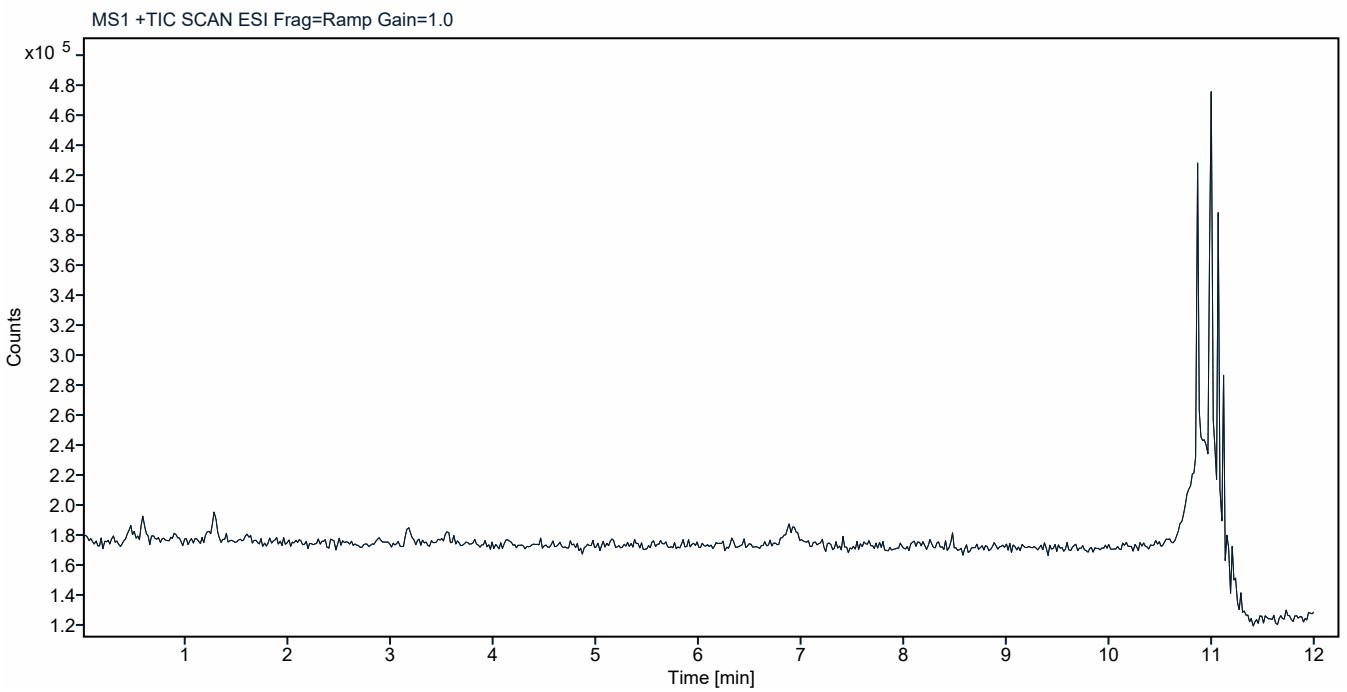
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.087	0.4463	2231438.9238	323573.4916	36.6903
7.162	0.3355	734151.0432	82523.0111	12.0712
7.565	0.4980	680354.7684	58312.6770	11.1867
8.293	0.4909	2435878.6266	214342.3380	40.0518

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank for PM MeOH-ACN(6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-06 09:21:51-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\Blank for PM MeOH-ACN(6).sirslt

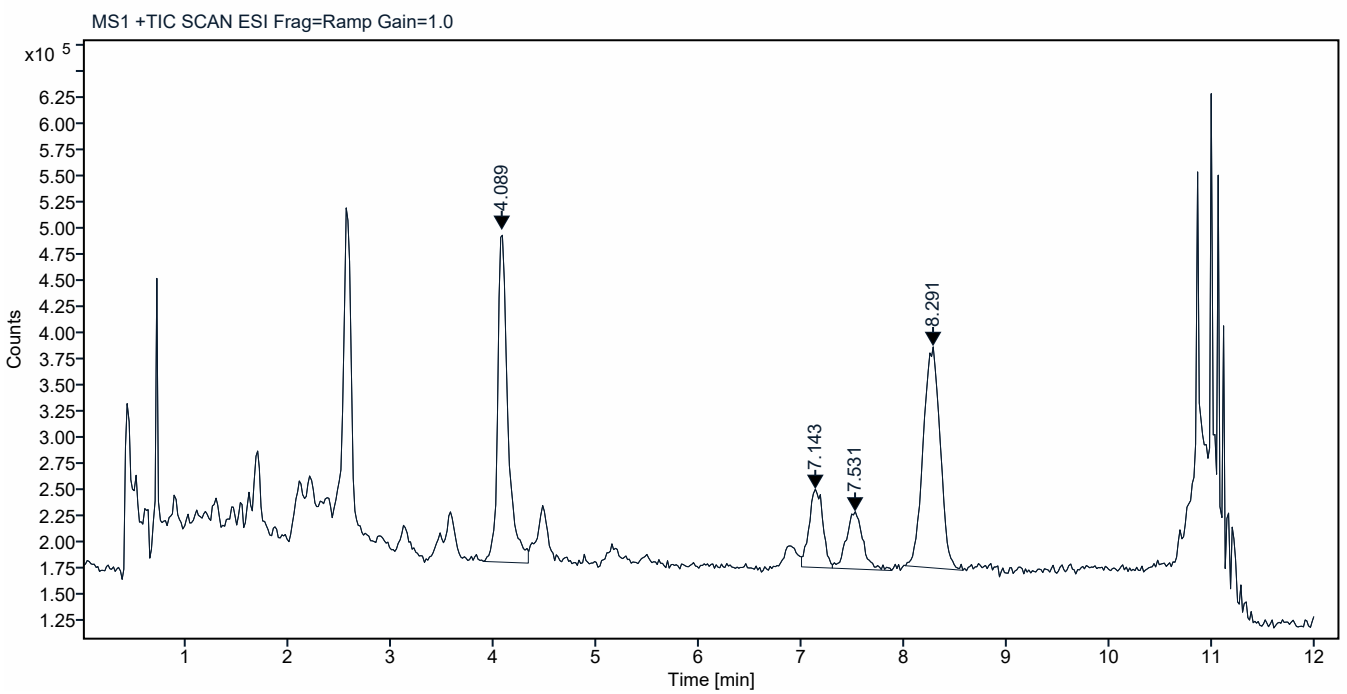


AK

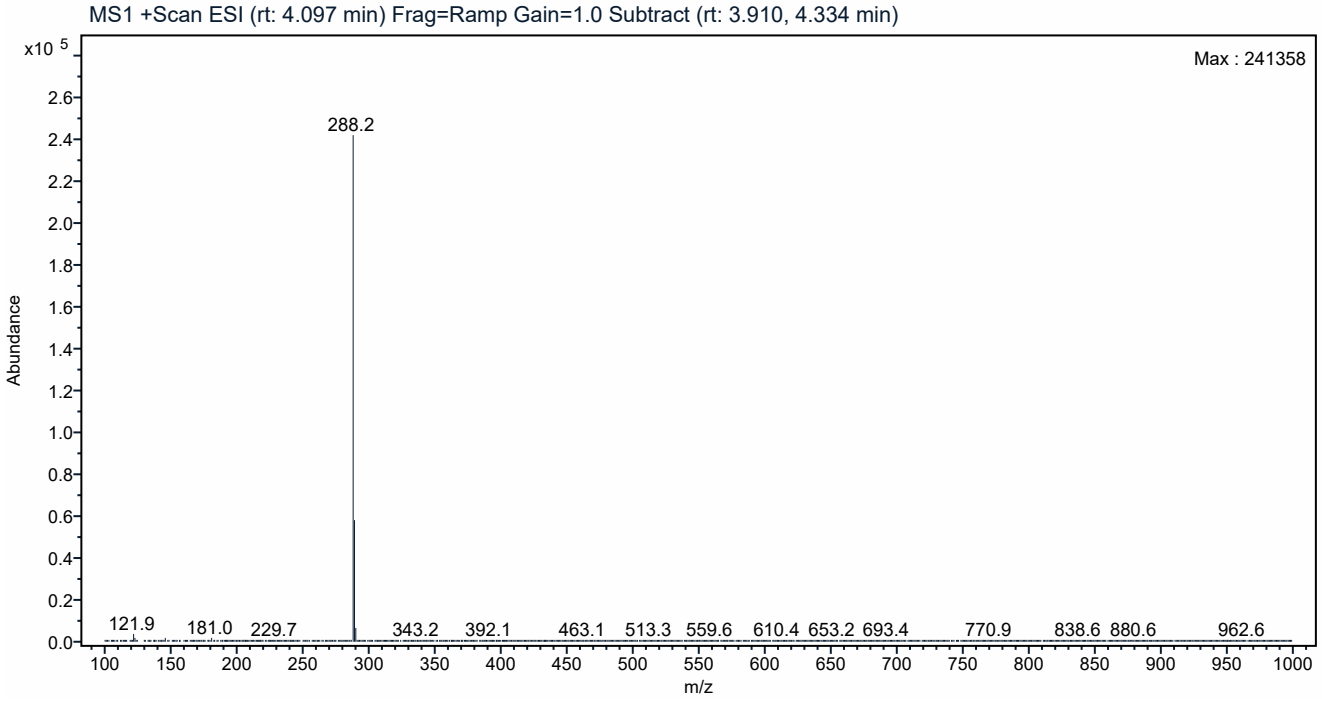
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 09:35:26-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN(6).sirslt

Plant Material 20



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.089

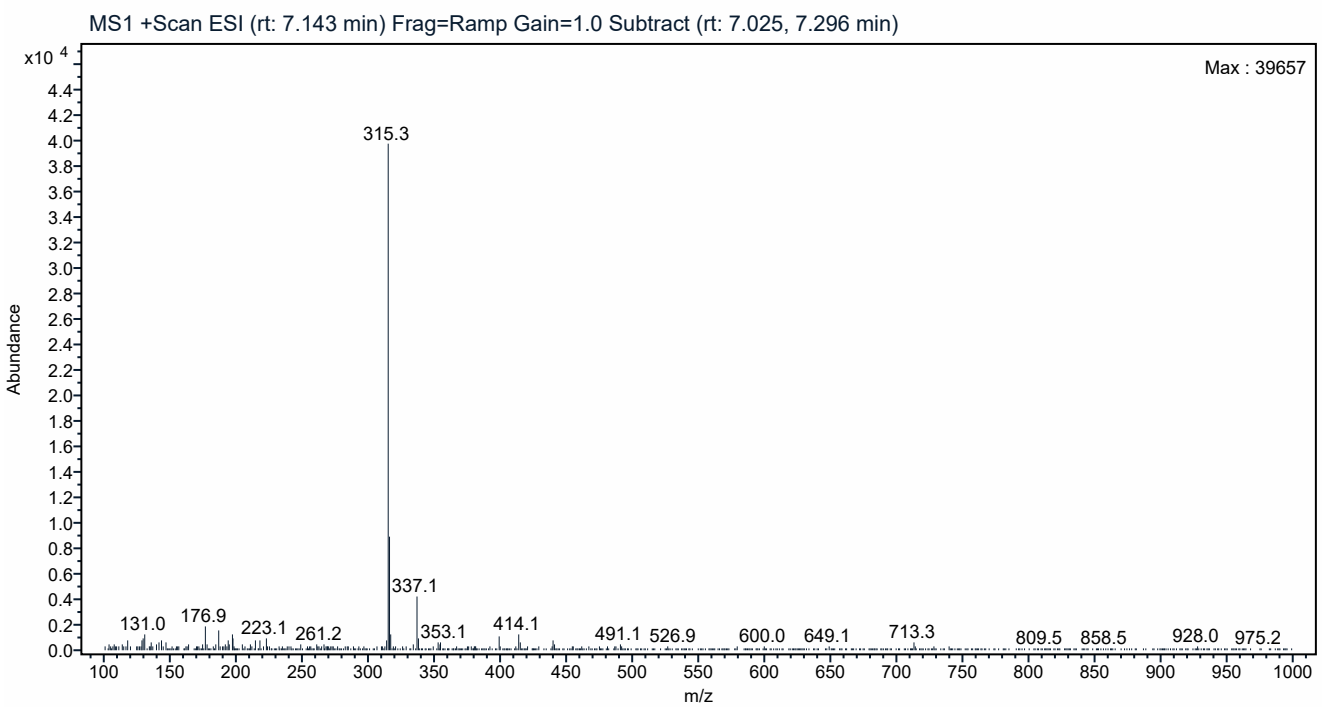


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 09:35:26-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN(6).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.143

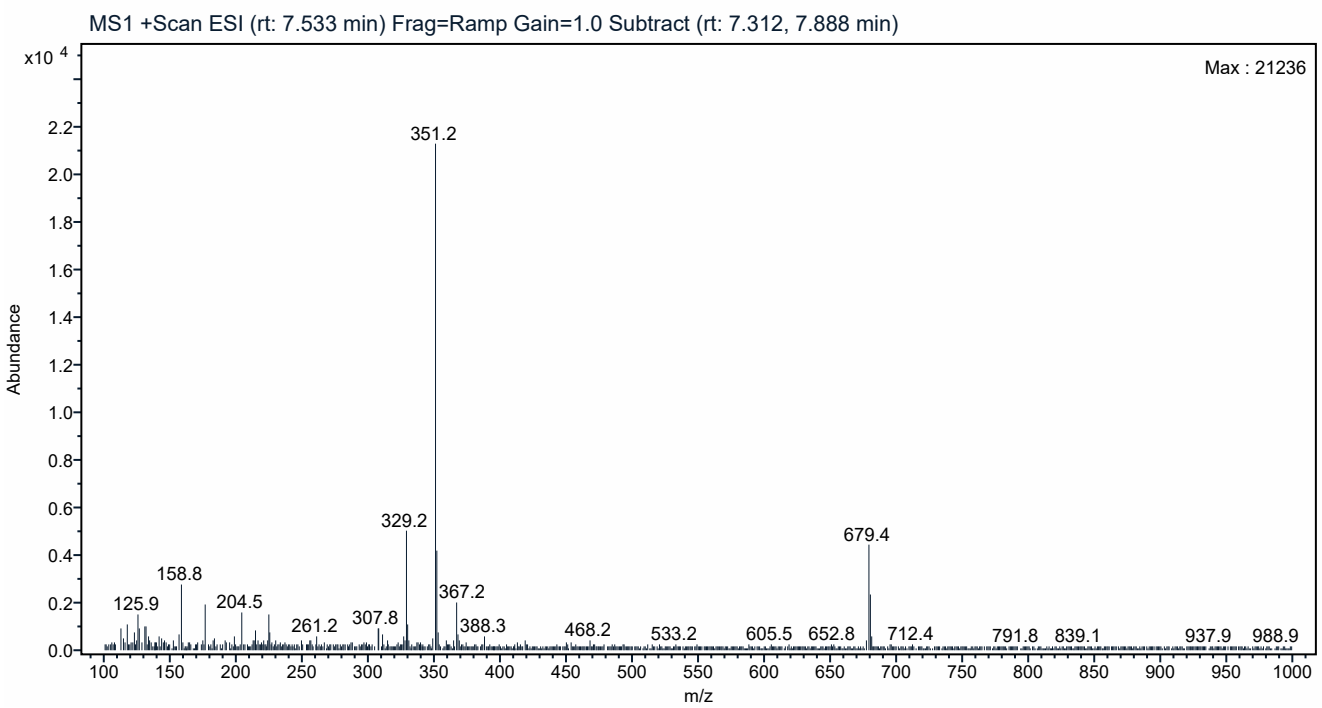


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 09:35:26-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN(6).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.531

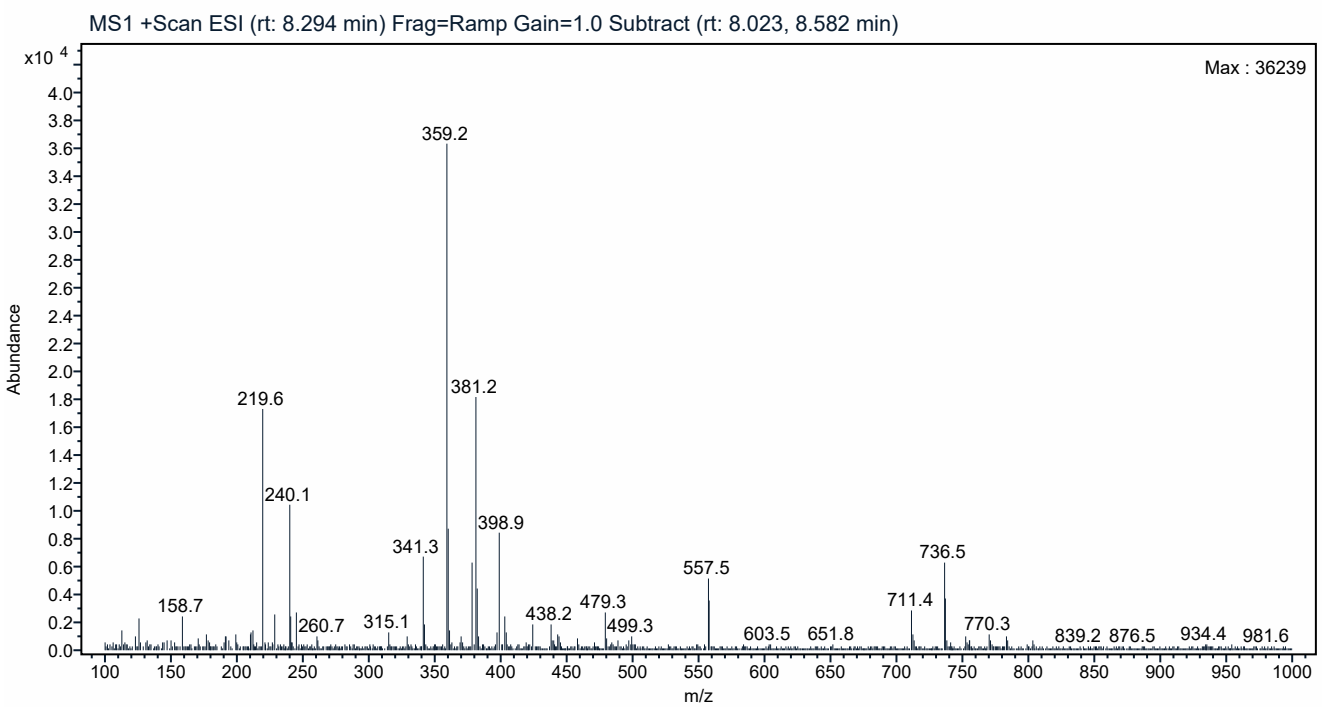


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 09:35:26-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN(6).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.291



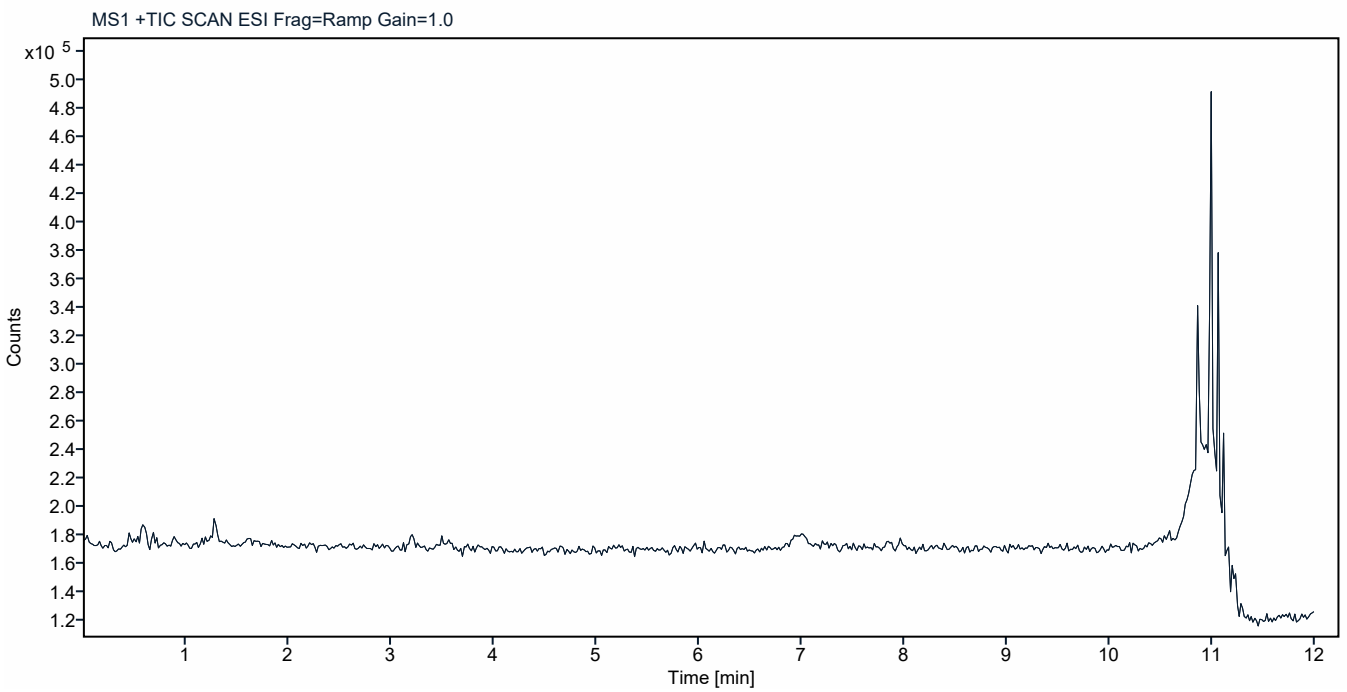
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.089	0.4373	2171355.7683	317545.6450	36.7097
7.143	0.3008	693193.6667	74837.7962	11.7194
7.531	0.5778	618154.5553	54842.1310	10.4507
8.291	0.5586	2432234.6715	211982.2120	41.1202

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank for PM MeOH-ACN(7).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-06 10:43:24-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\Blank for PM MeOH-ACN(7).sirslt

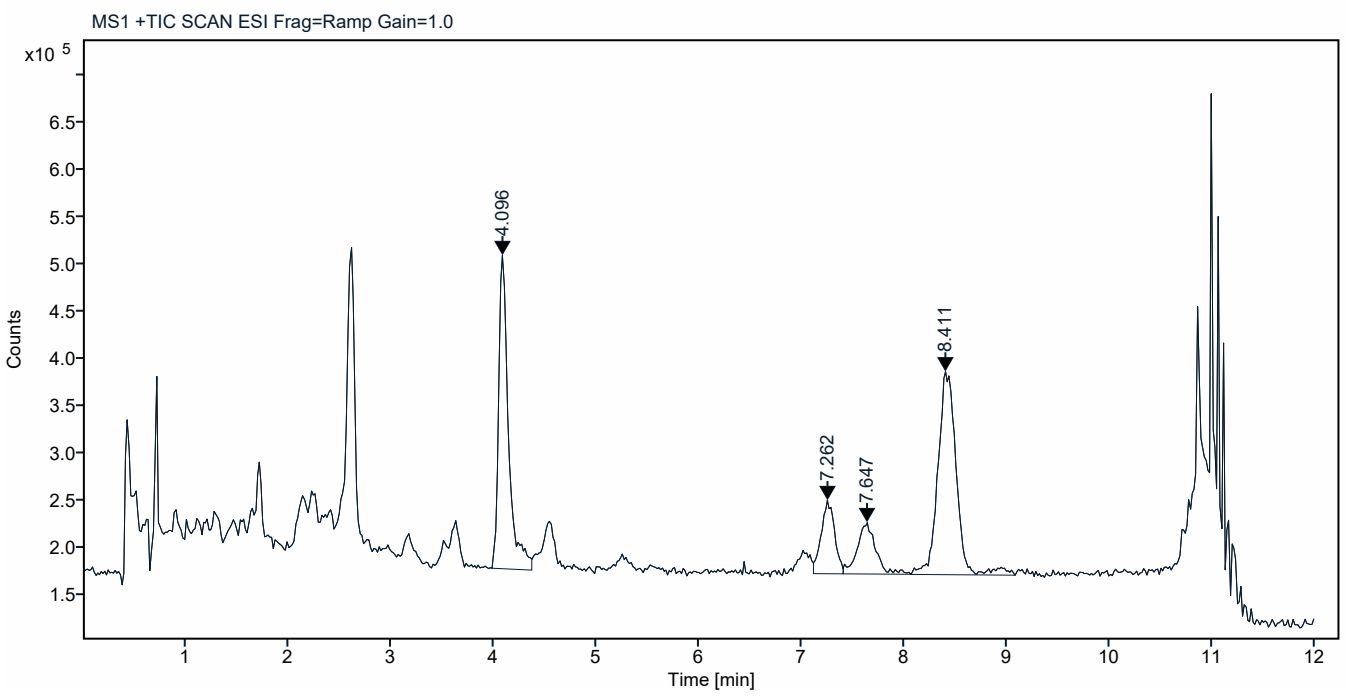


AK

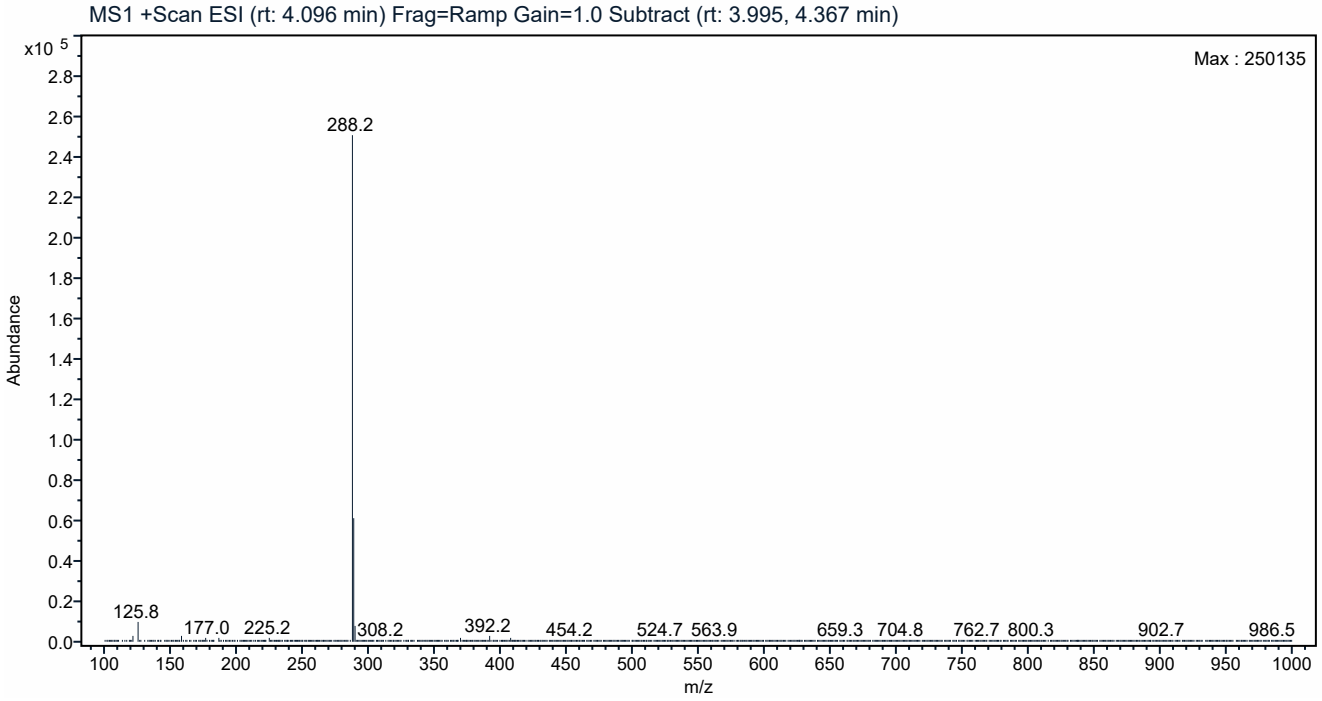
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(7).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 10:56:59-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN(7).sirslt

Plant Material 21



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.096

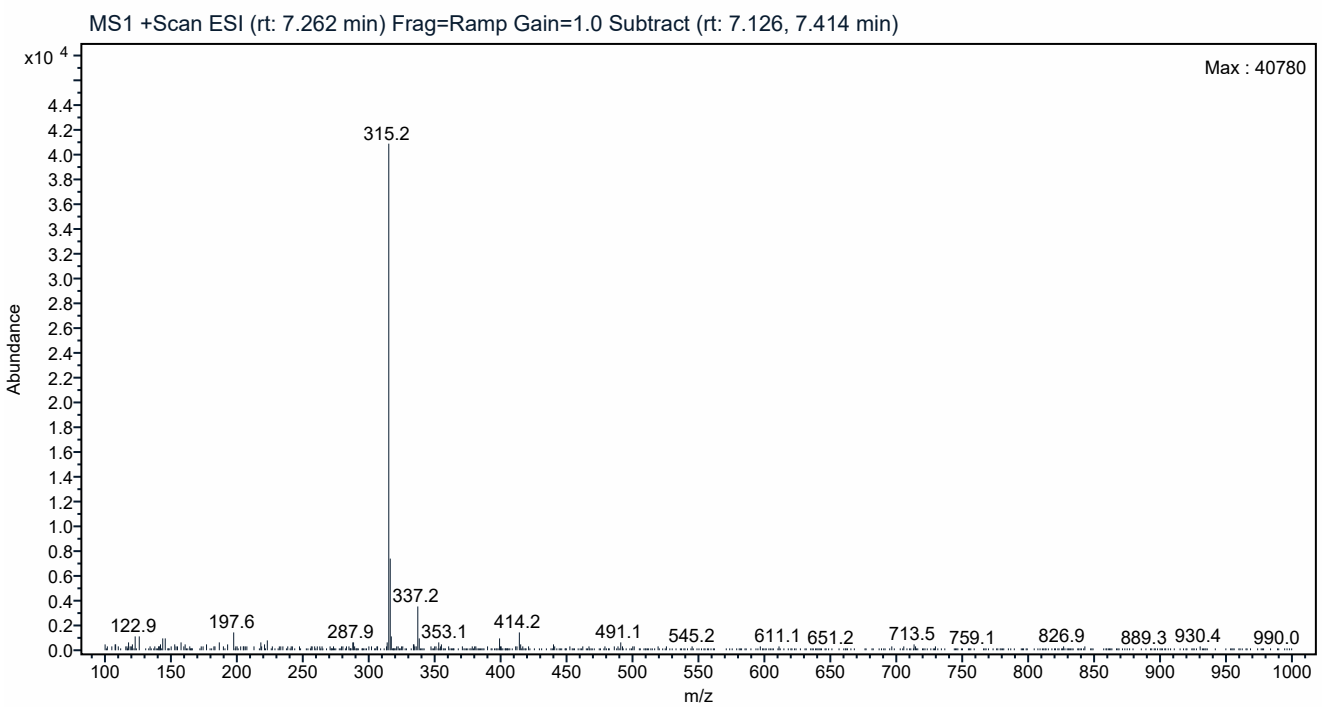


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(7).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 10:56:59-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN(7).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.262

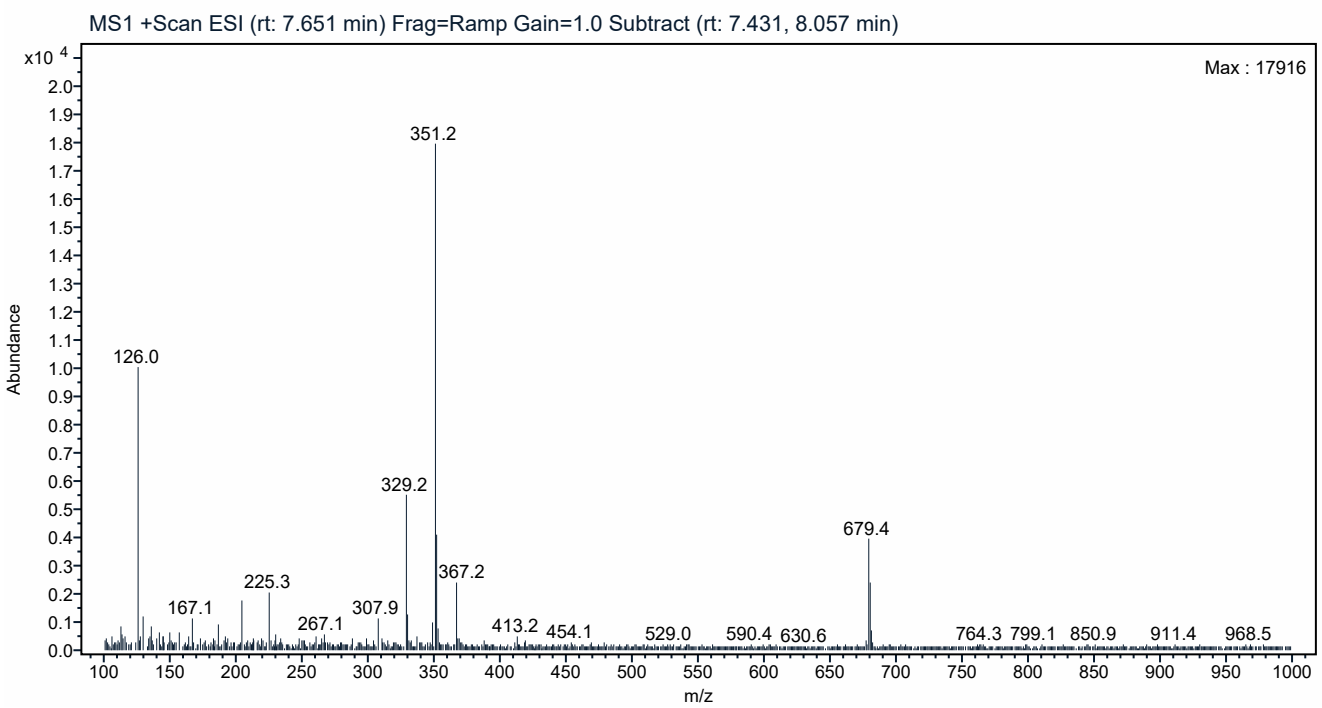


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(7).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 10:56:59-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN(7).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.647

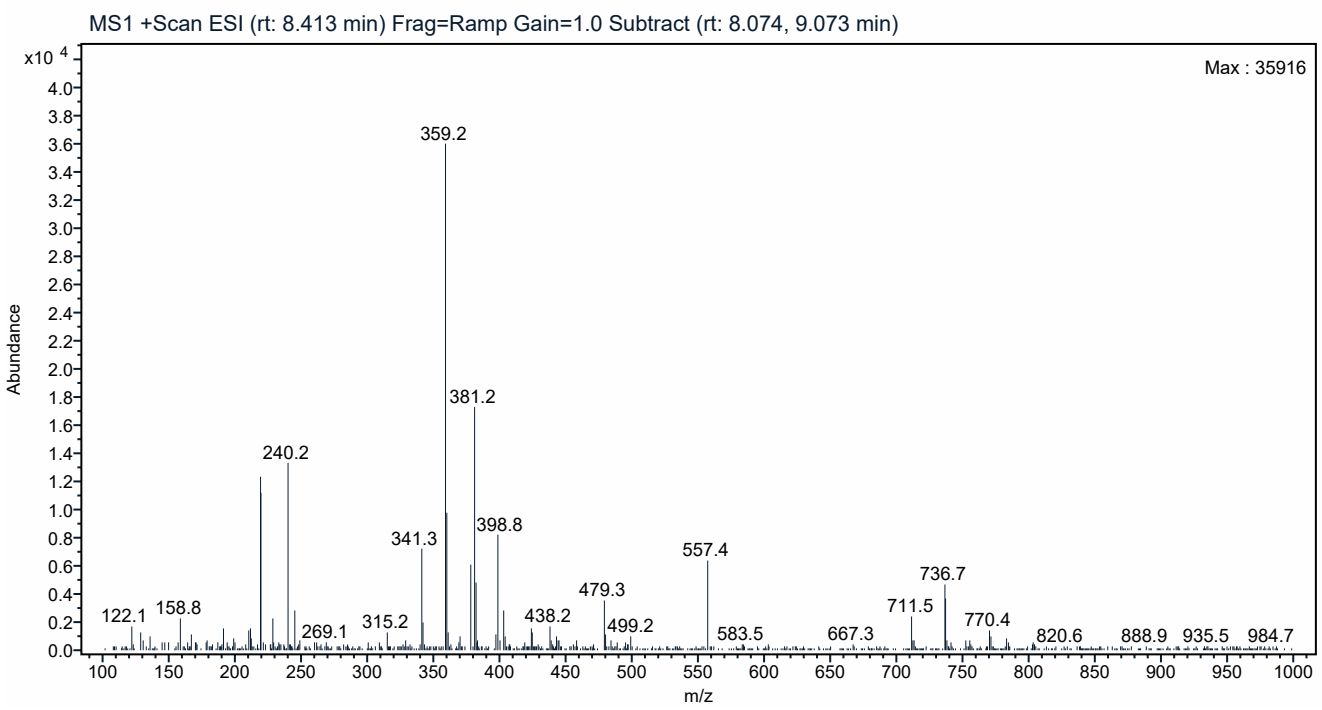


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(7).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 10:56:59-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN(7).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.411



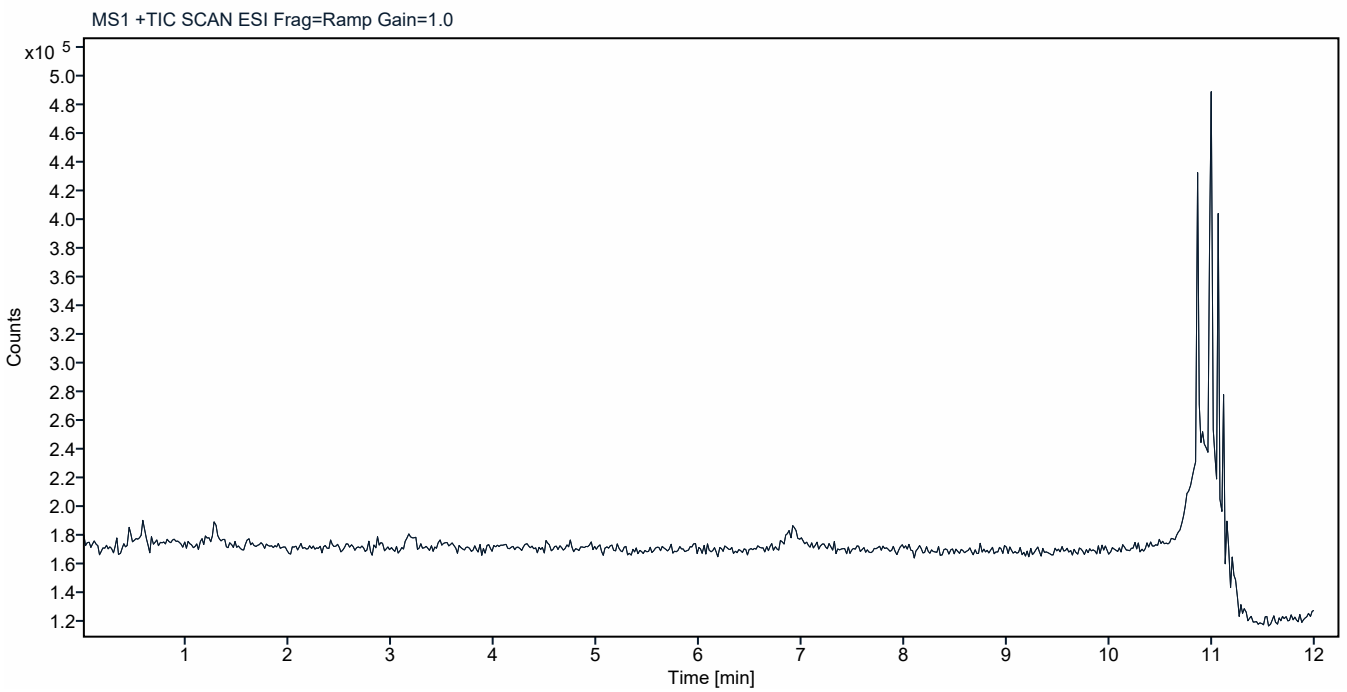
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.096	0.3863	2214165.8799	331663.9206	35.2918
7.262	0.2900	702724.1347	77669.1447	11.2008
7.647	0.6574	677590.0898	54611.2421	10.8002
8.411	1.0148	2679404.0058	214966.0929	42.7073

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank for PM MeOH-ACN(8).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-06 12:04:58-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\Blank for PM MeOH-ACN(8).sirslt

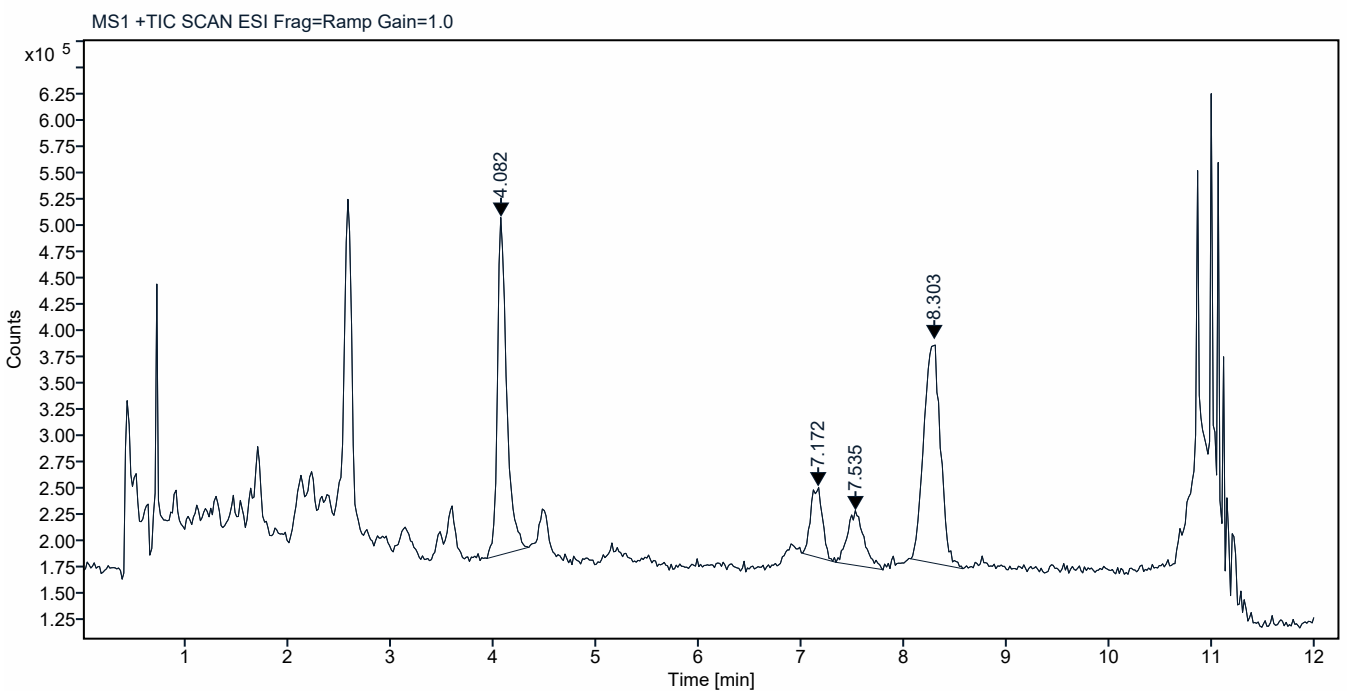


AK

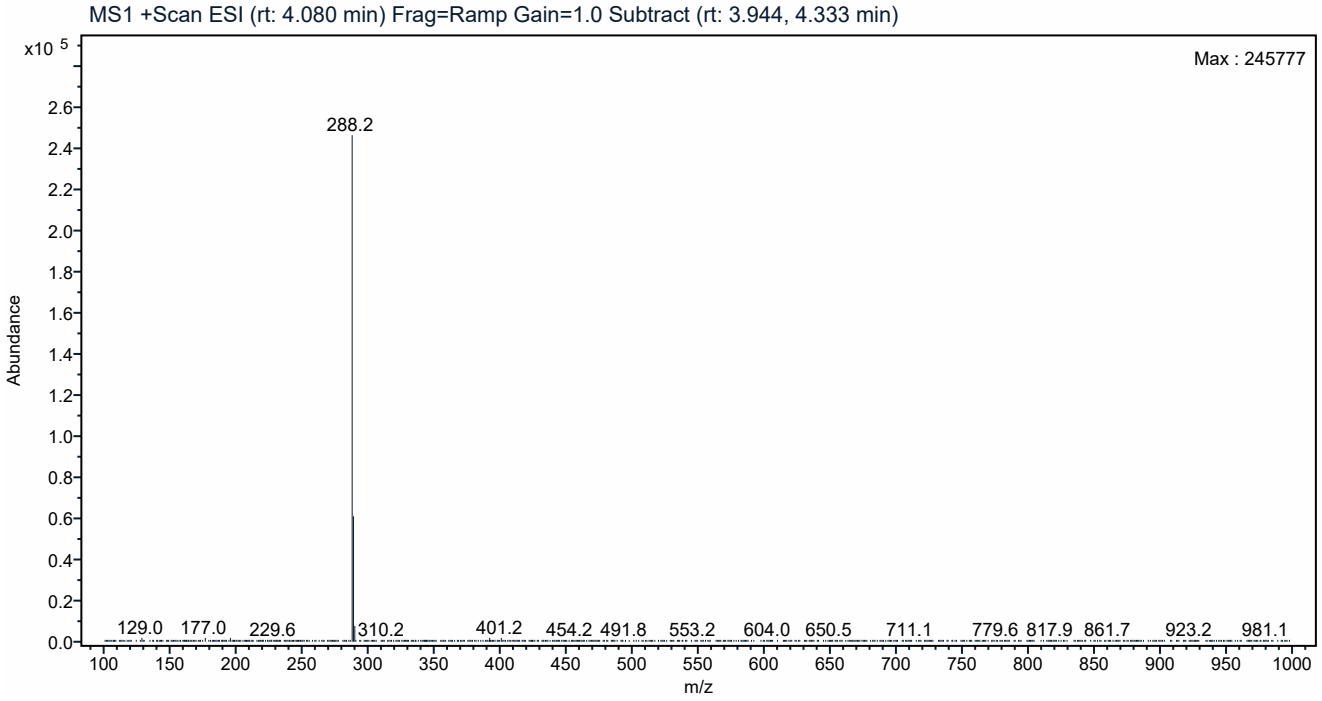
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(8).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 12:18:32-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN(8).sirslt

Plant Material 22



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.082

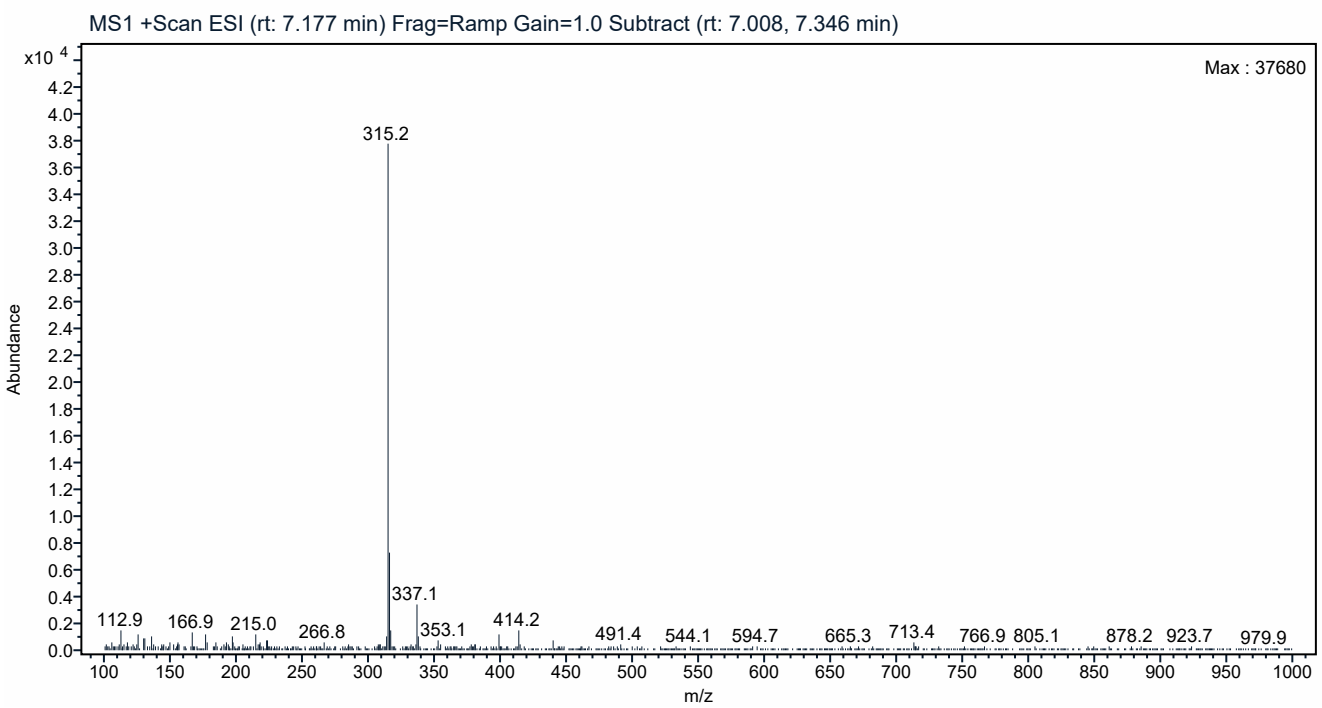


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(8).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 12:18:32-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN(8).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.172

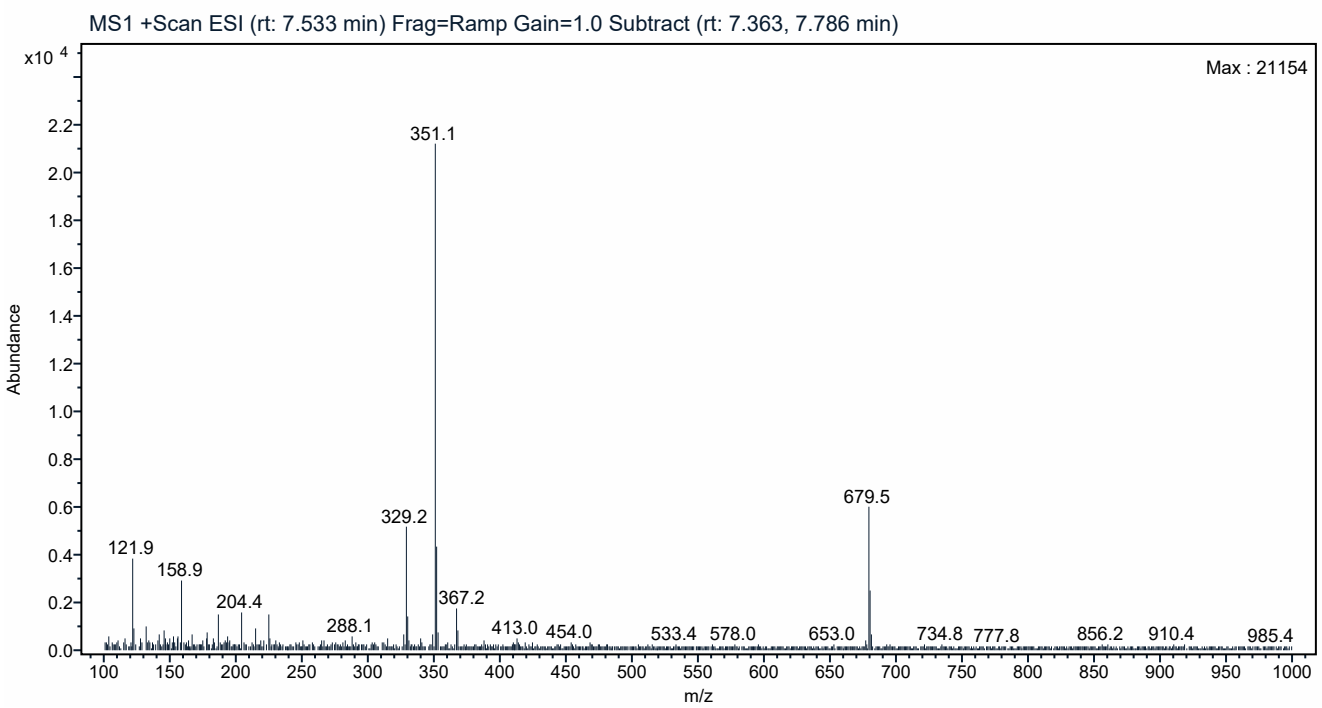


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(8).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 12:18:32-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN(8).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.535

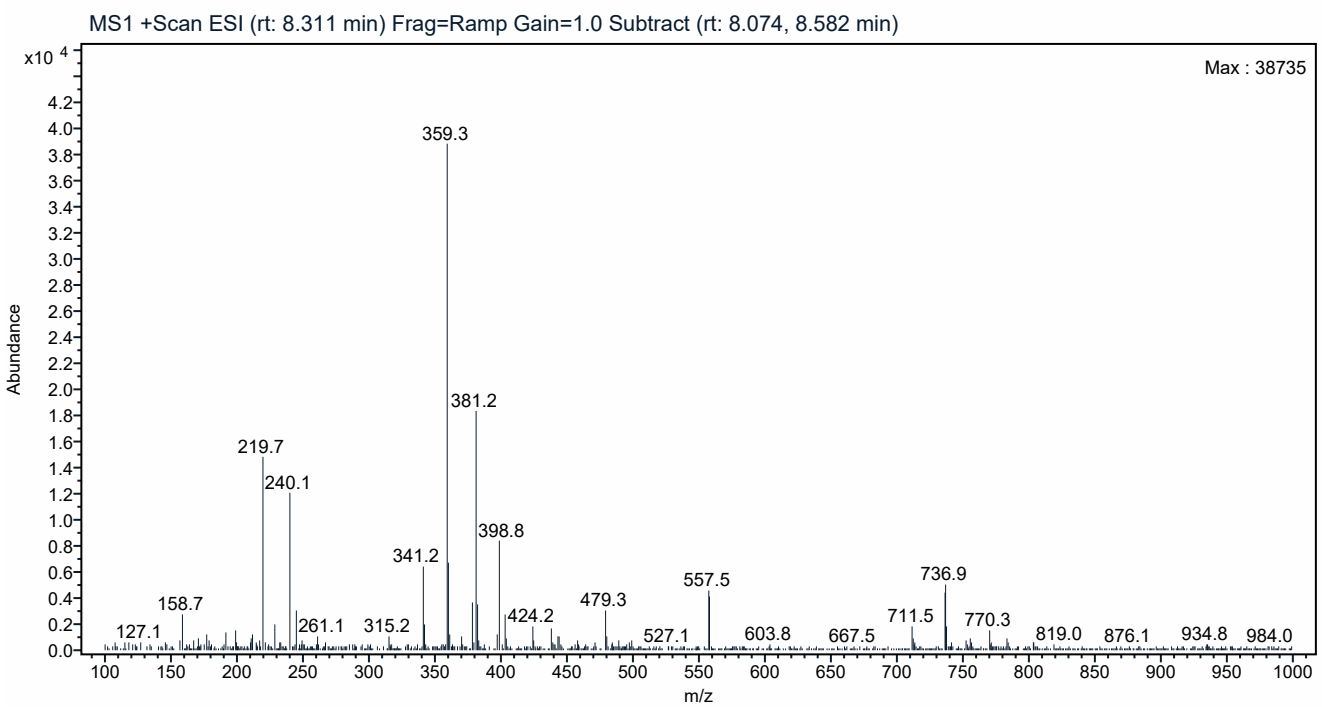


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(8).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-06 12:18:32-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-5-24\PM 26uL in 2mL MeOH-ACN(8).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.303



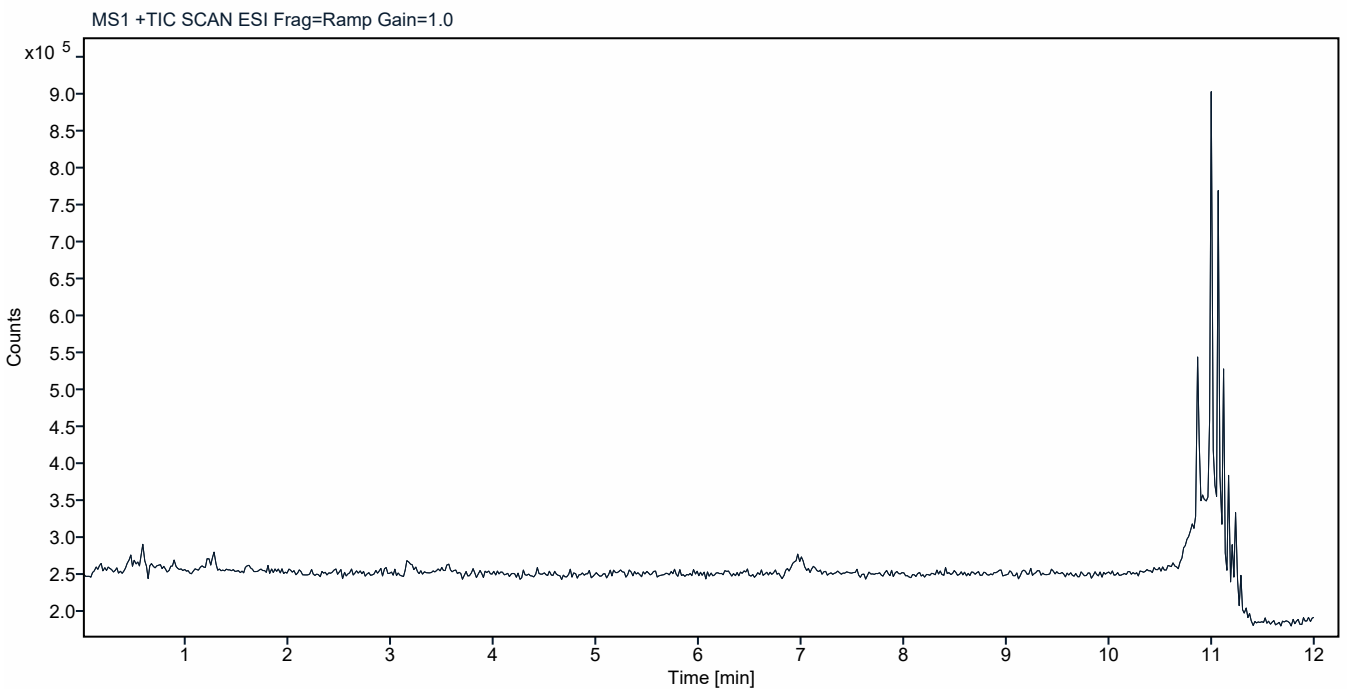
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.082	0.4027	2026231.2350	321381.6110	36.8281
7.172	0.3385	535864.6802	67500.1557	9.7397
7.535	0.4531	581182.7207	52212.9138	10.5634
8.303	0.5078	2358590.1287	213027.5479	42.8689

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank for PM MeOH-ACN (1).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-20 13:27:47-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank for PM MeOH-ACN (1).sirslt

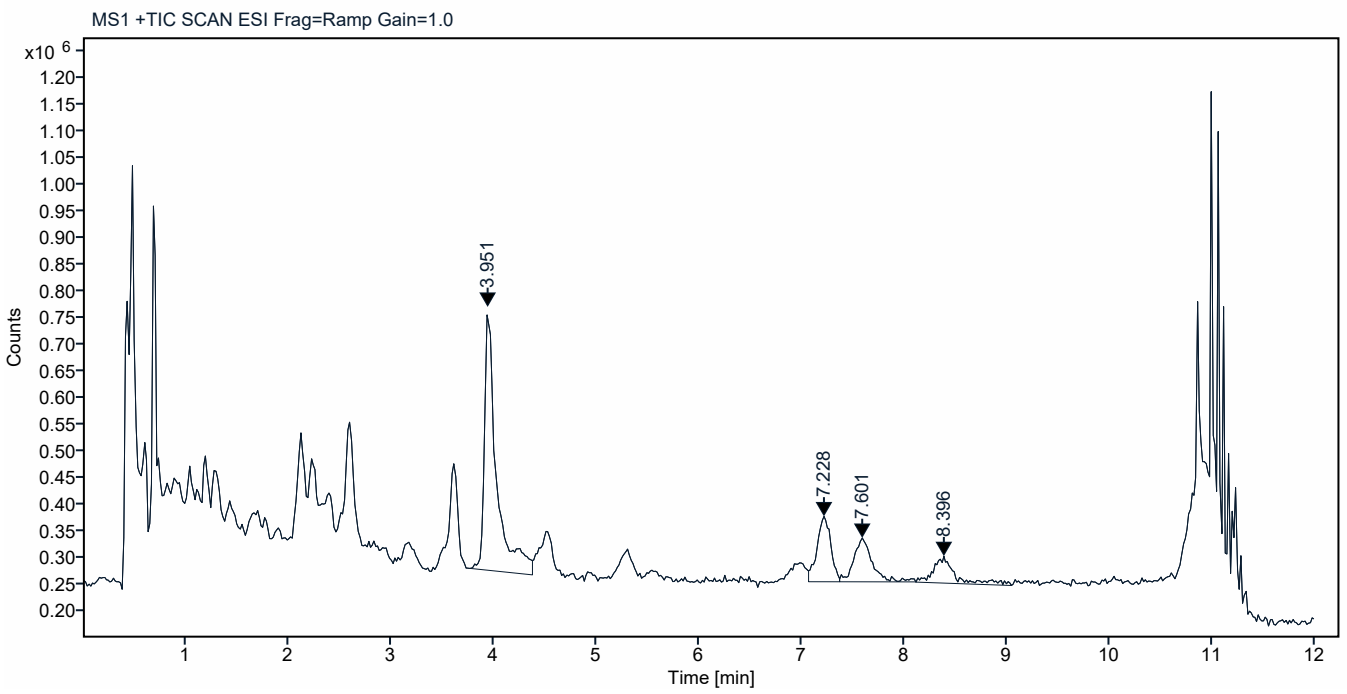


AK

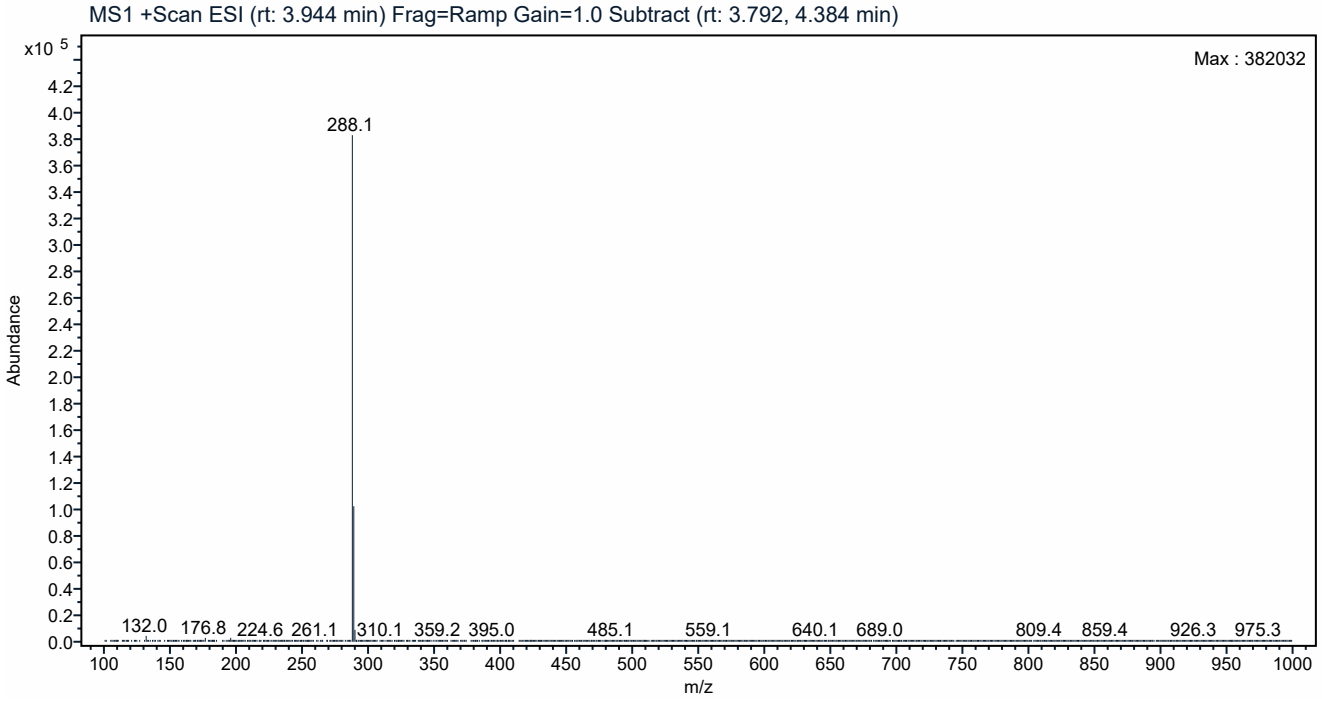
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(1).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 13:41:21-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(1).sirslt

Plant Material 23



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 3.951

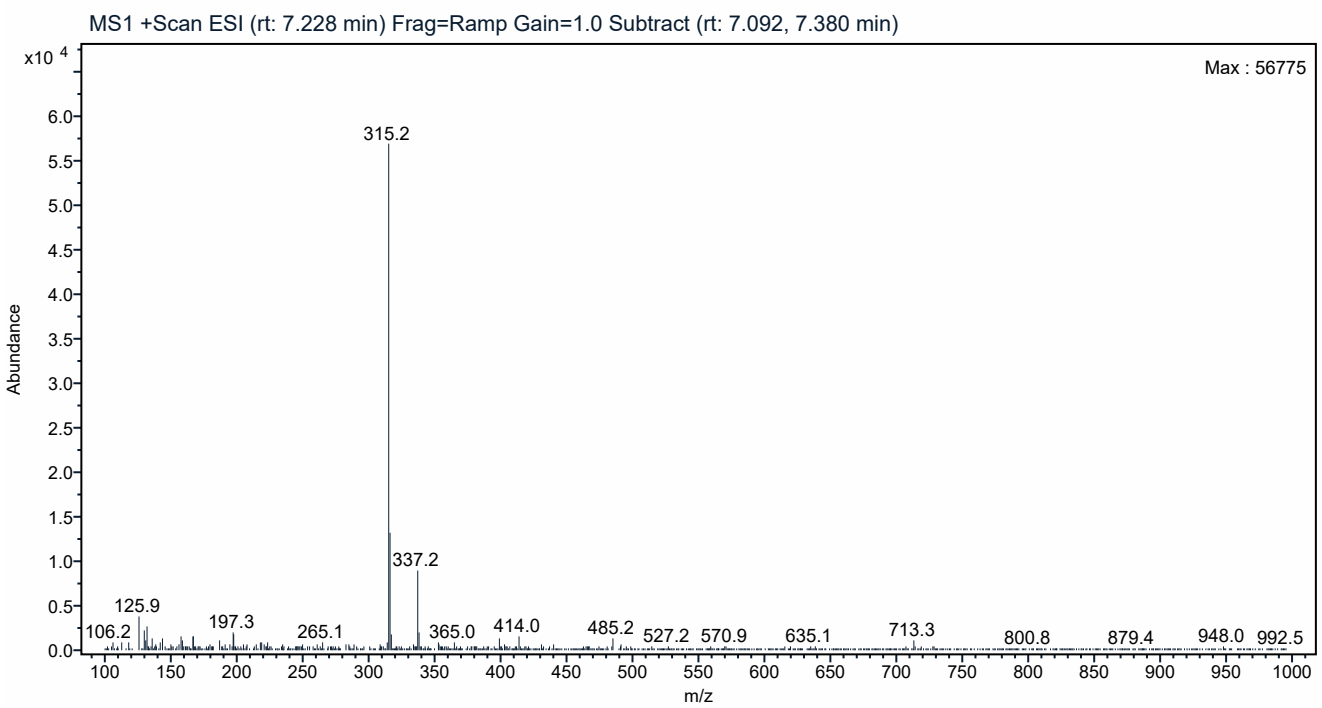


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(1).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 13:41:21-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(1).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.228

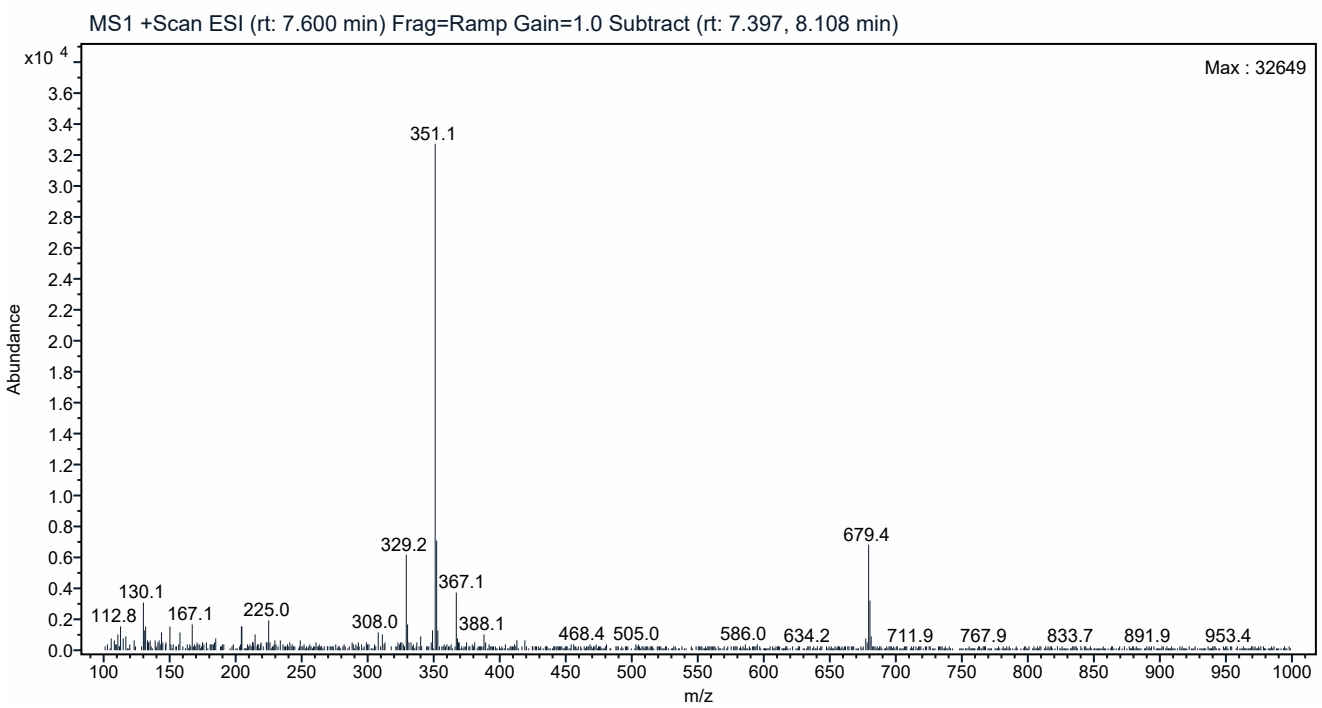


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(1).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 13:41:21-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(1).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.601

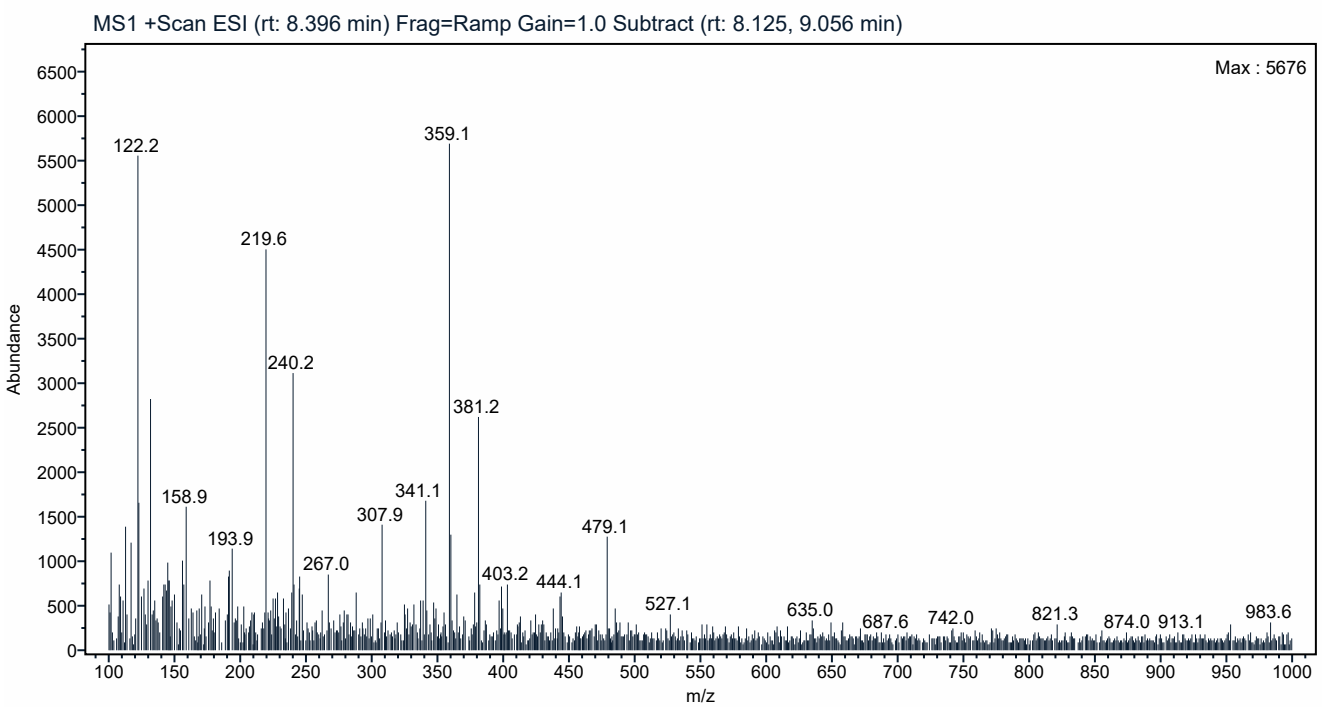


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(1).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 13:41:21-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(1).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.396



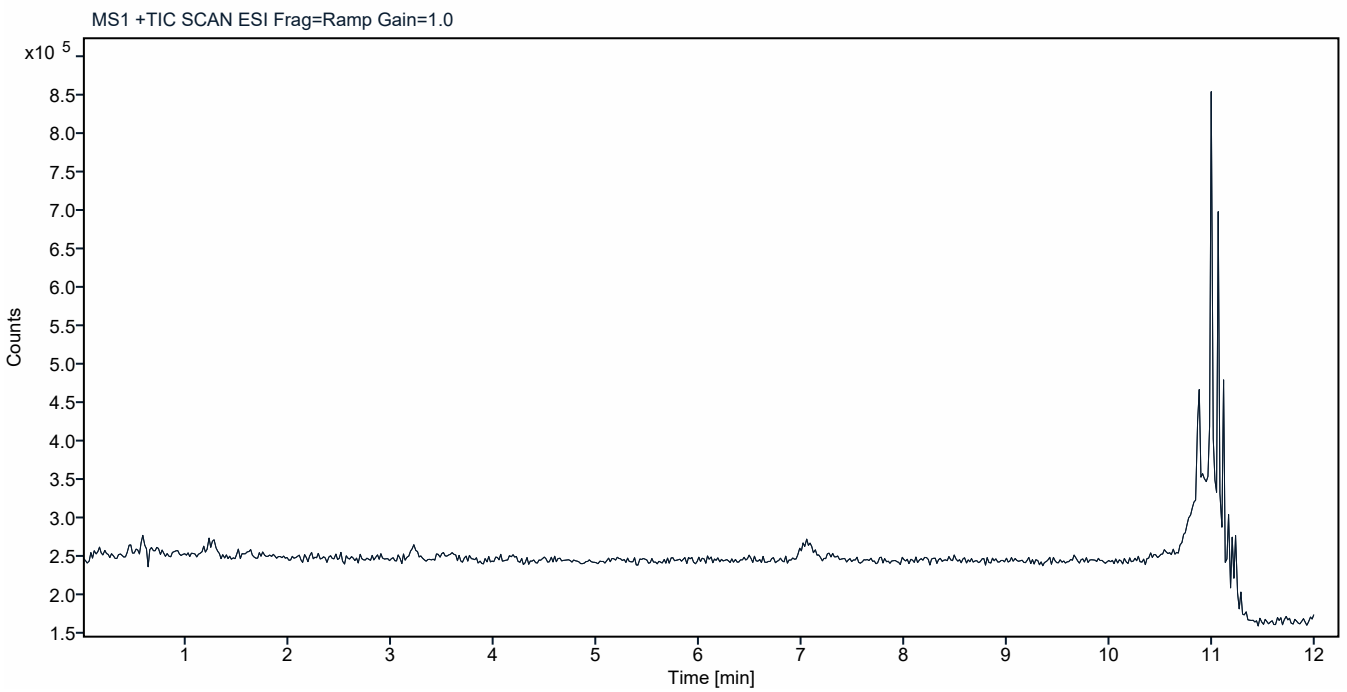
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
3.951	0.6096	3939936.8381	493851.5238	57.5652
7.228	0.3023	1135271.2131	122483.3504	16.5871
7.601	0.7434	1030720.2739	82181.5202	15.0595
8.396	0.9309	738371.8243	50401.8011	10.7881

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank PM MeOH-ACN (2).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-20 15:30:06-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank PM MeOH-ACN (2).sirslt

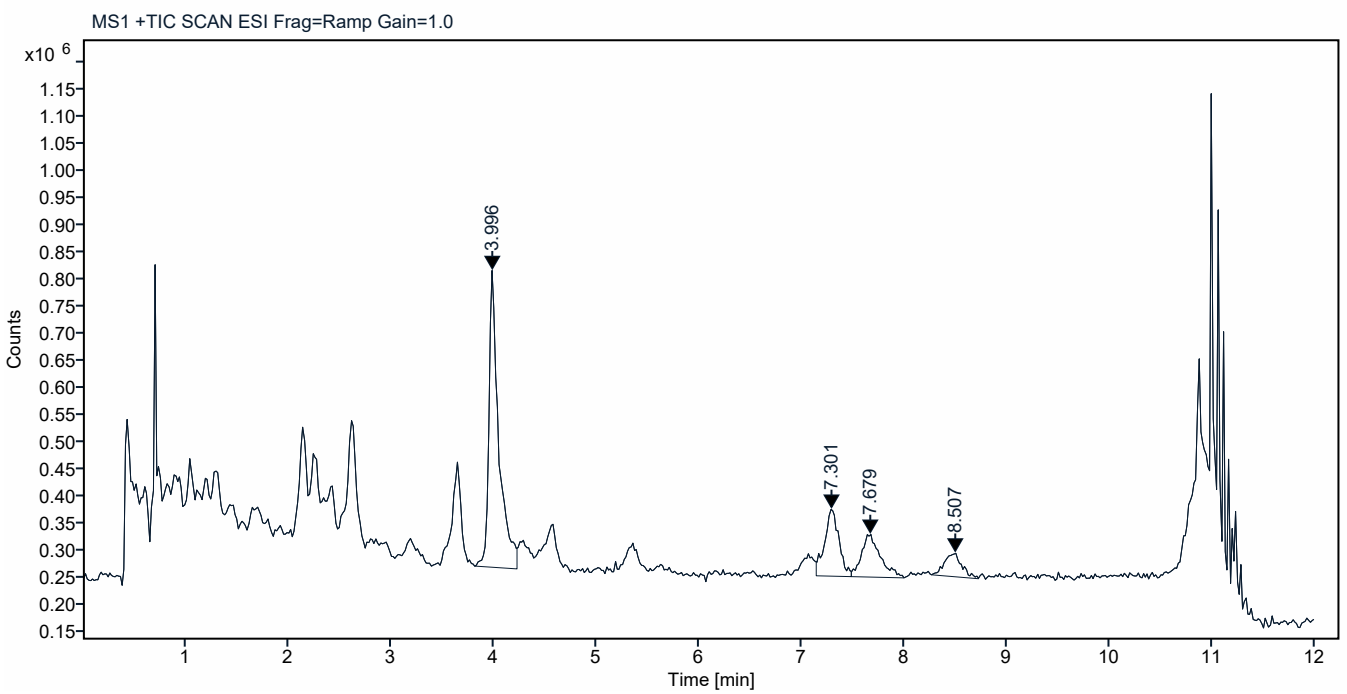


AK

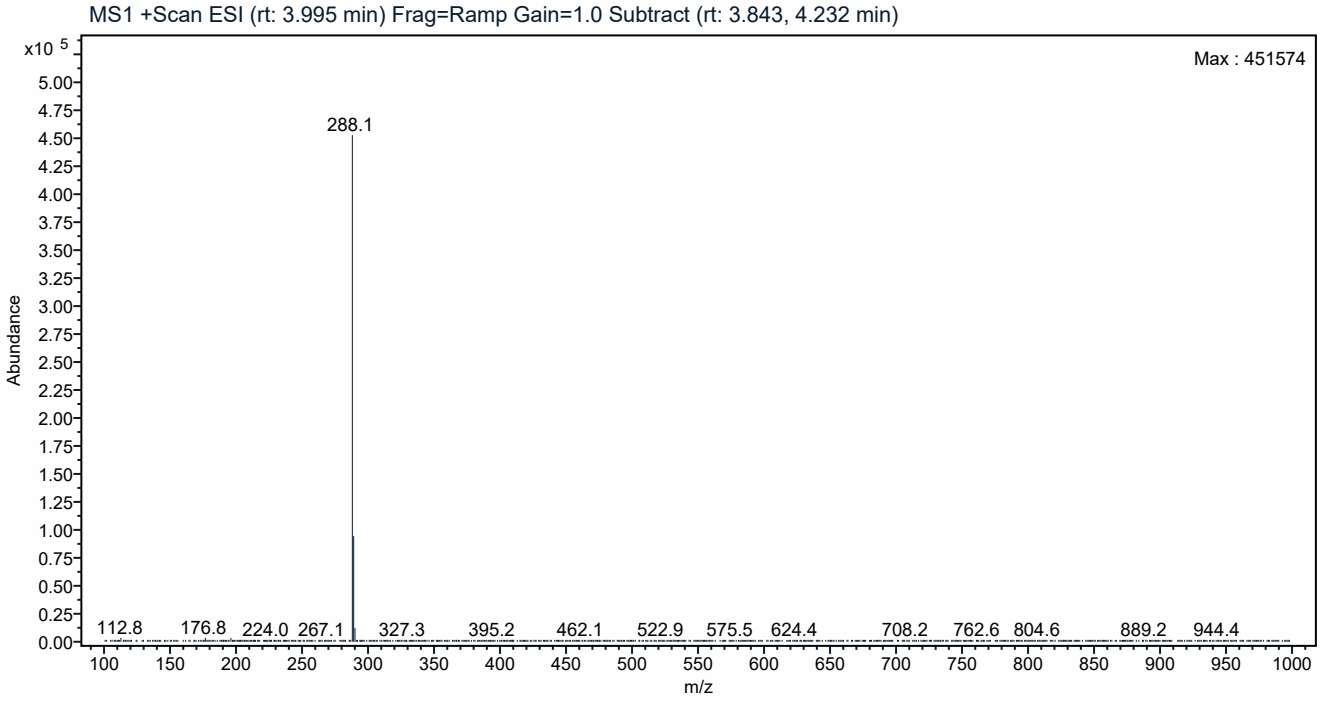
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(2).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 15:43:39-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(2).sirslt

Plant Material 24



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 3.996

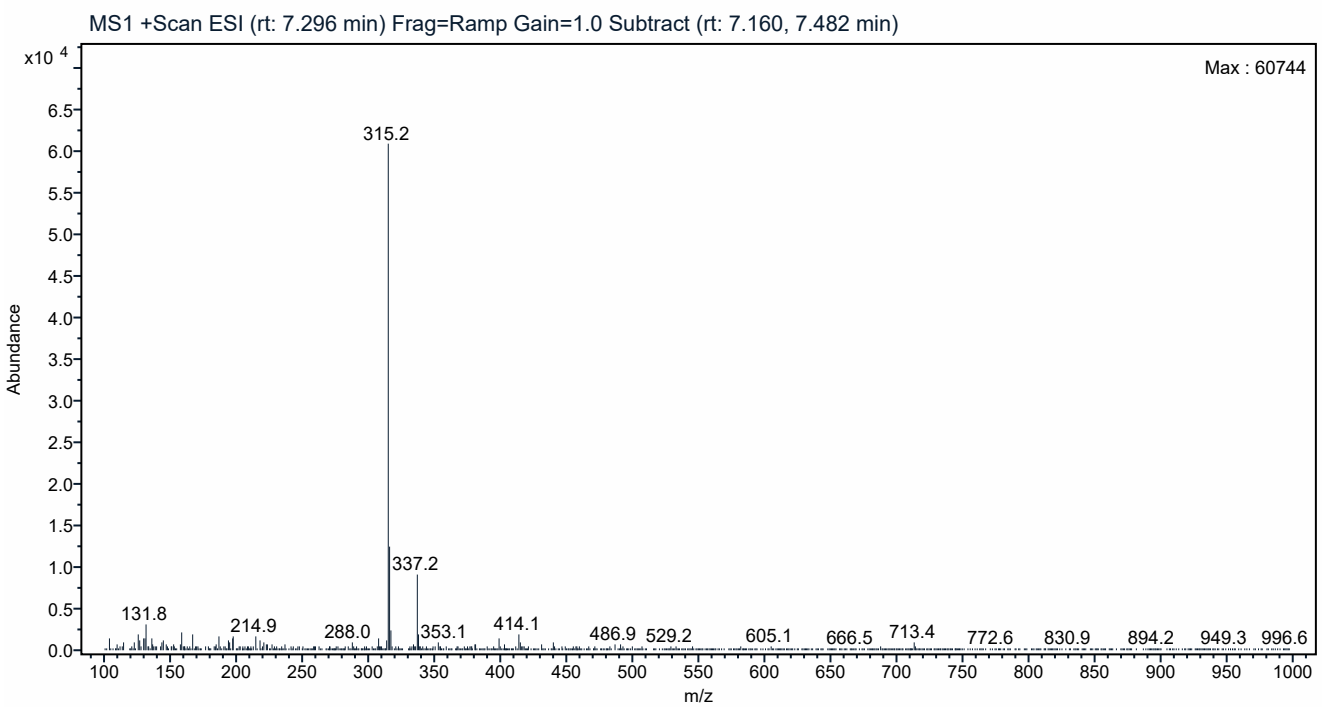


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(2).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 15:43:39-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(2).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.301

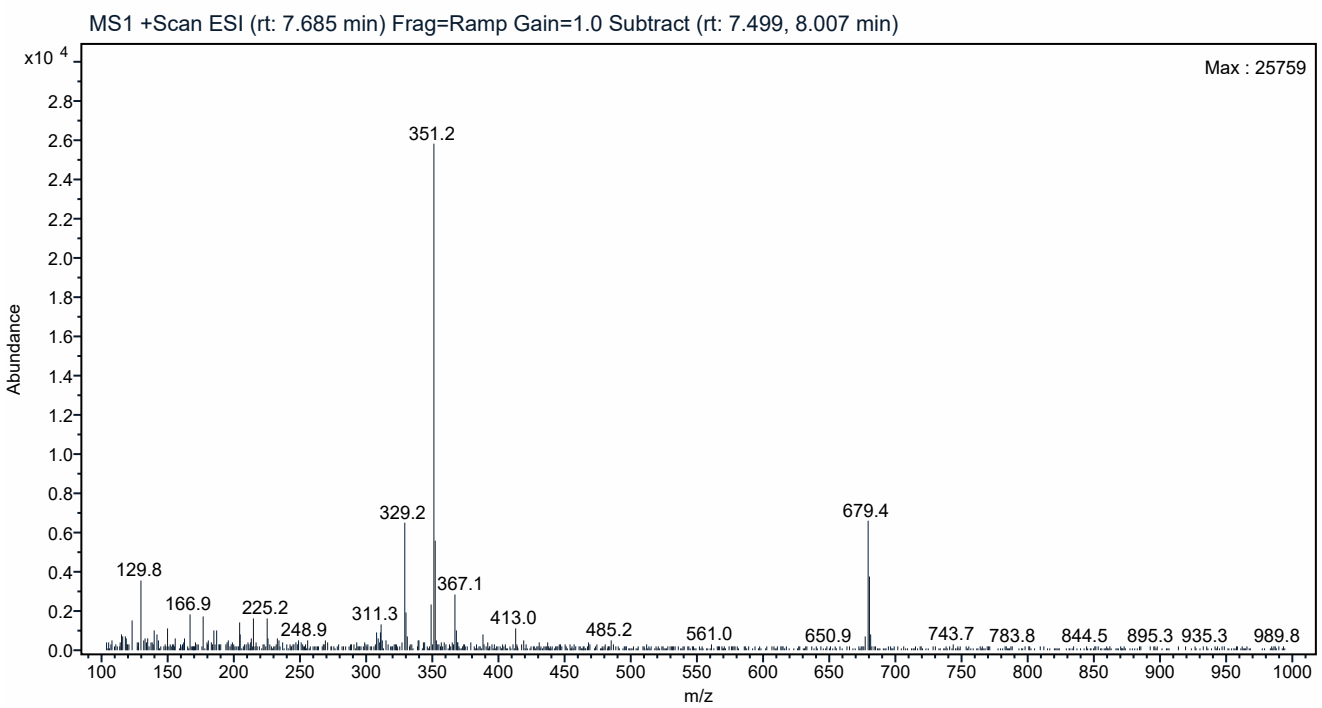


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(2).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 15:43:39-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(2).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.679

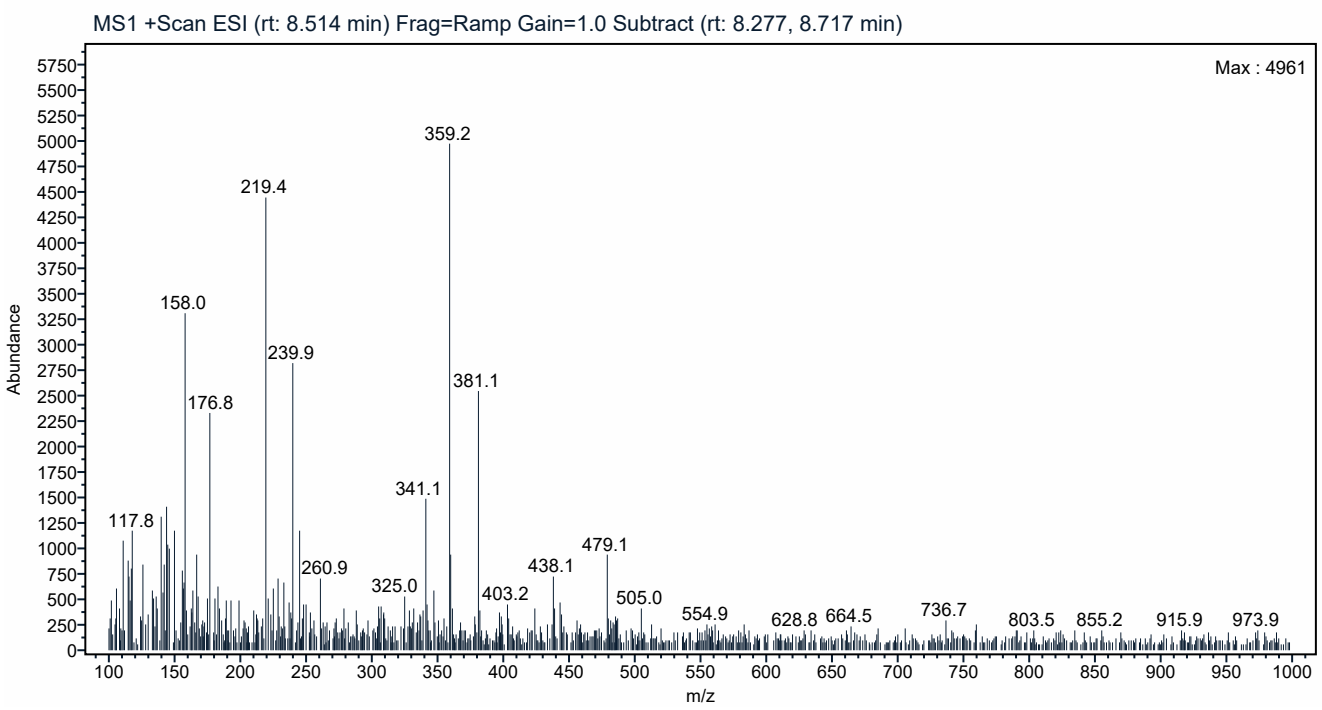


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(2).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 15:43:39-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(2).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.507



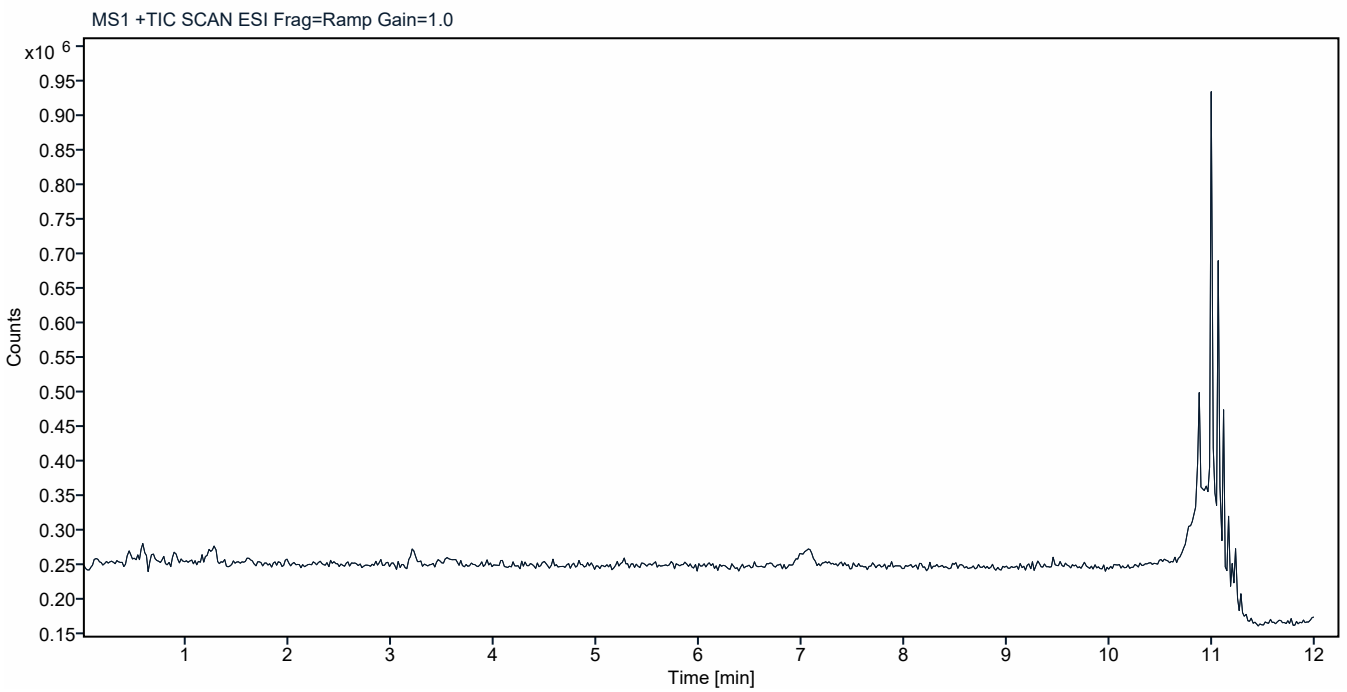
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
3.996	0.4091	3644009.0503	547615.4927	57.3508
7.301	0.3417	1201811.0618	123908.6885	18.9146
7.679	0.5120	1003141.7306	79401.7759	15.7878
8.507	0.4560	504931.3837	44329.5348	7.9468

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank PM MeOH-ACN (3).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-20 16:10:52-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank PM MeOH-ACN (3).sirslt

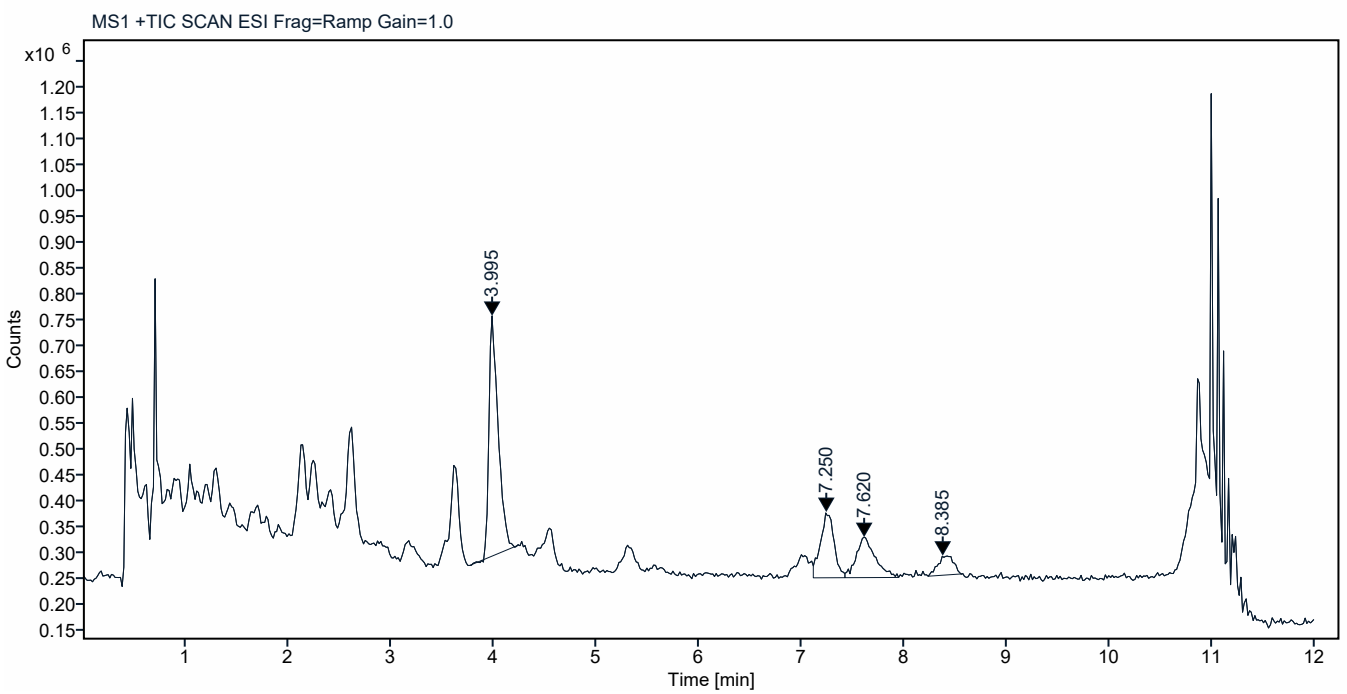


AK

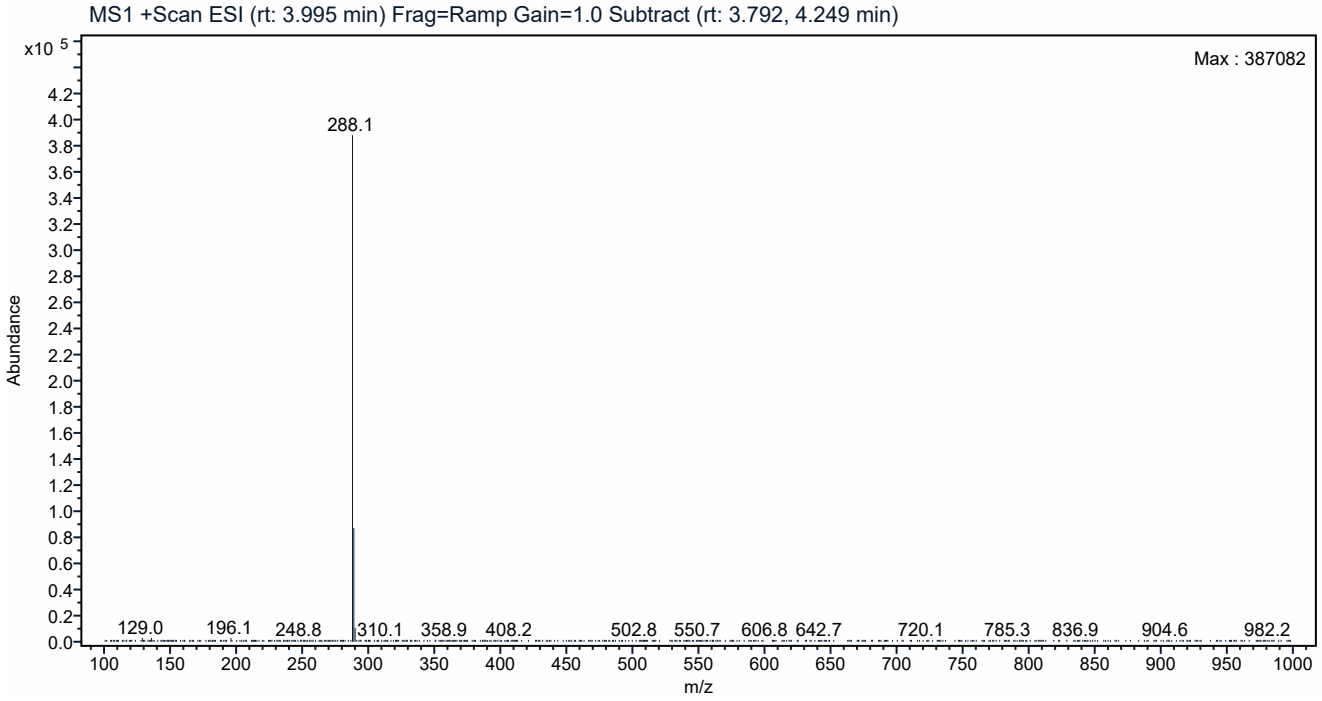
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(3).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 16:24:27-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(3).sirslt

Plant Material 25



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 3.995

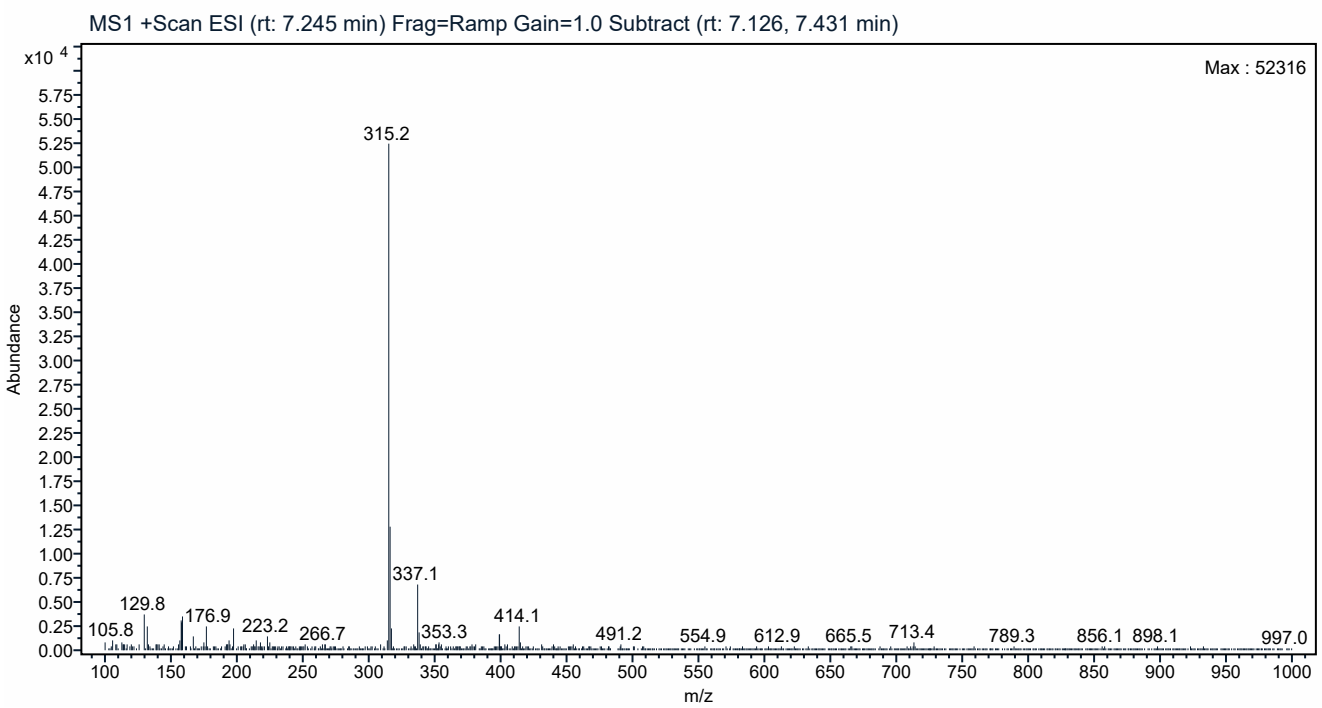


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(3).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 16:24:27-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(3).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.250

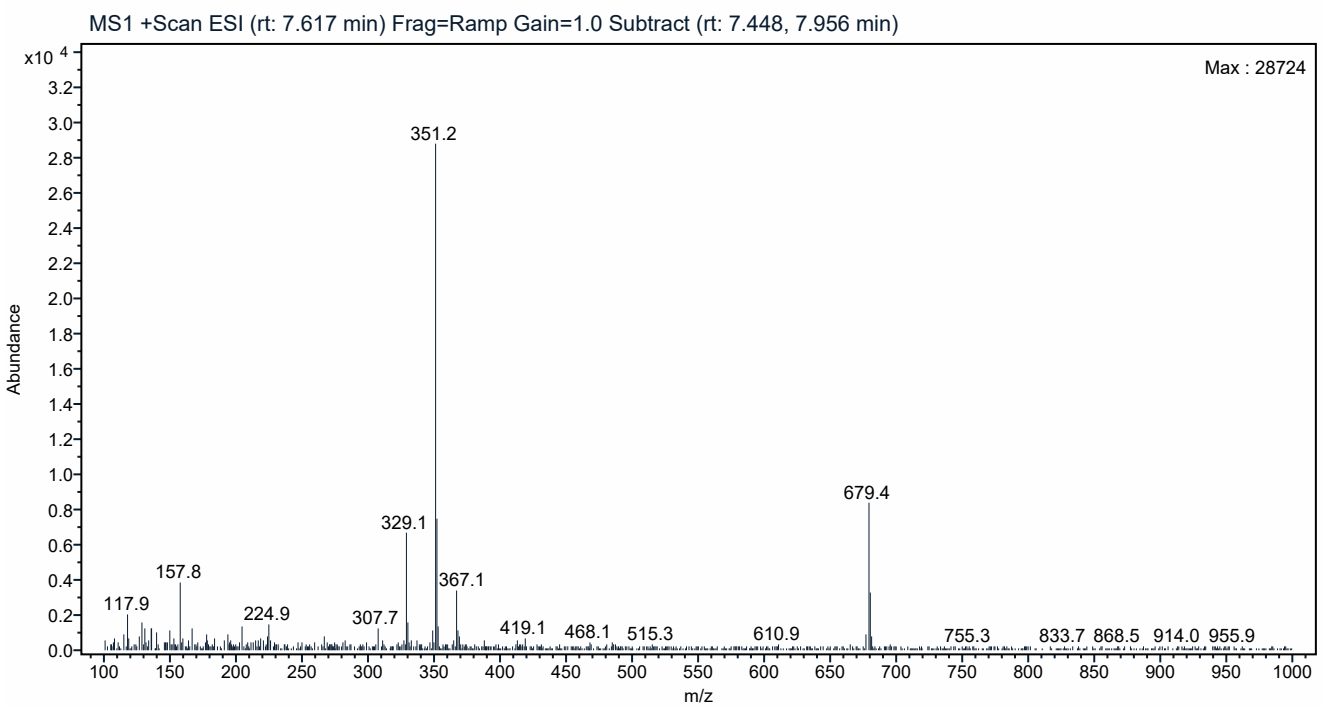


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(3).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 16:24:27-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(3).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.620

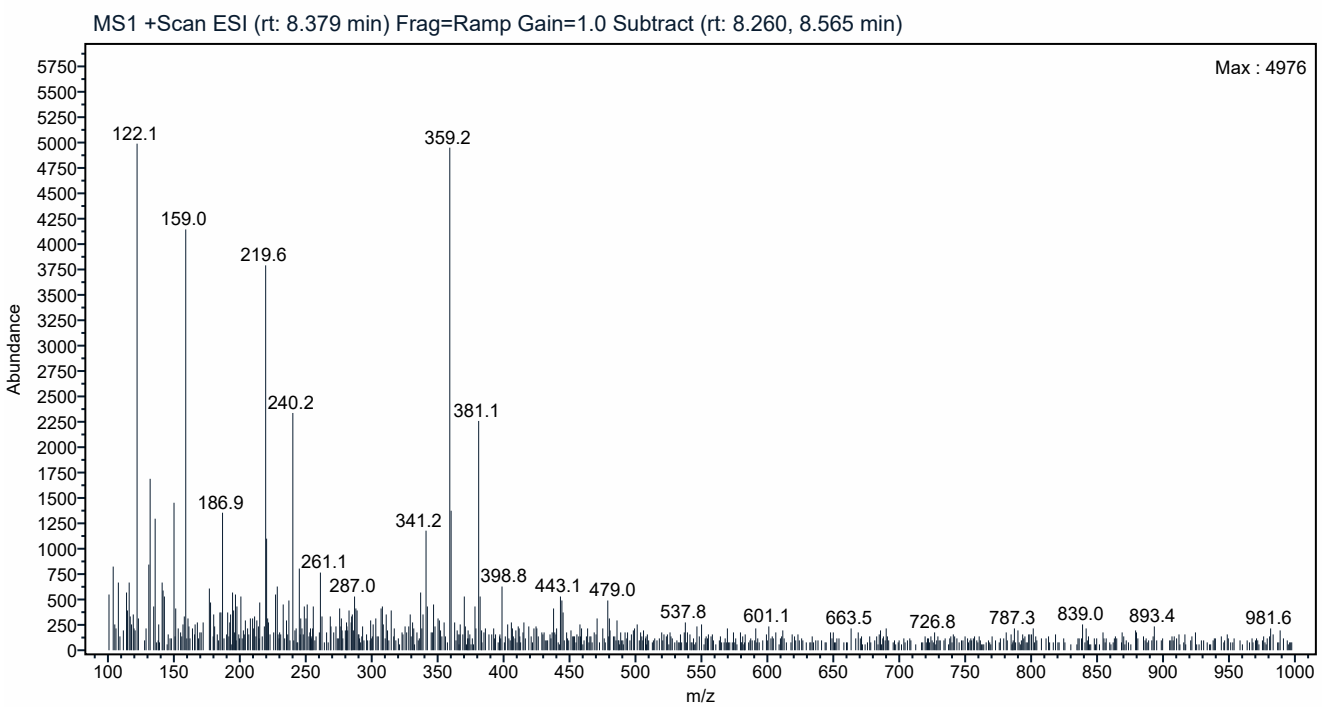


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(3).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 16:24:27-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(3).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.385



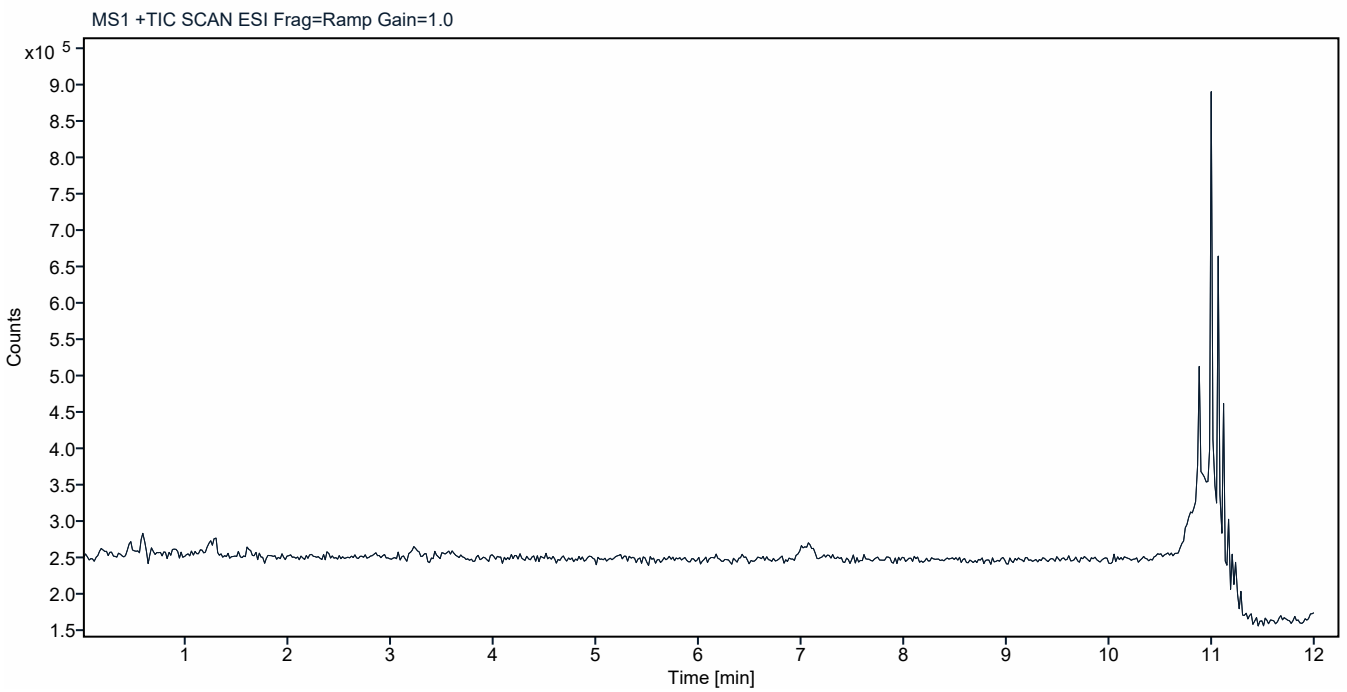
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
3.995	0.4792	2914477.4709	464351.0537	53.1986
7.250	0.3081	1161693.4819	127030.5914	21.2046
7.620	0.5234	1008353.6960	78238.2768	18.4057
8.385	0.3291	393963.7619	37701.6167	7.1911

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank PM MeOH-ACN (4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-20 16:51:39-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank PM MeOH-ACN (4).sirslt

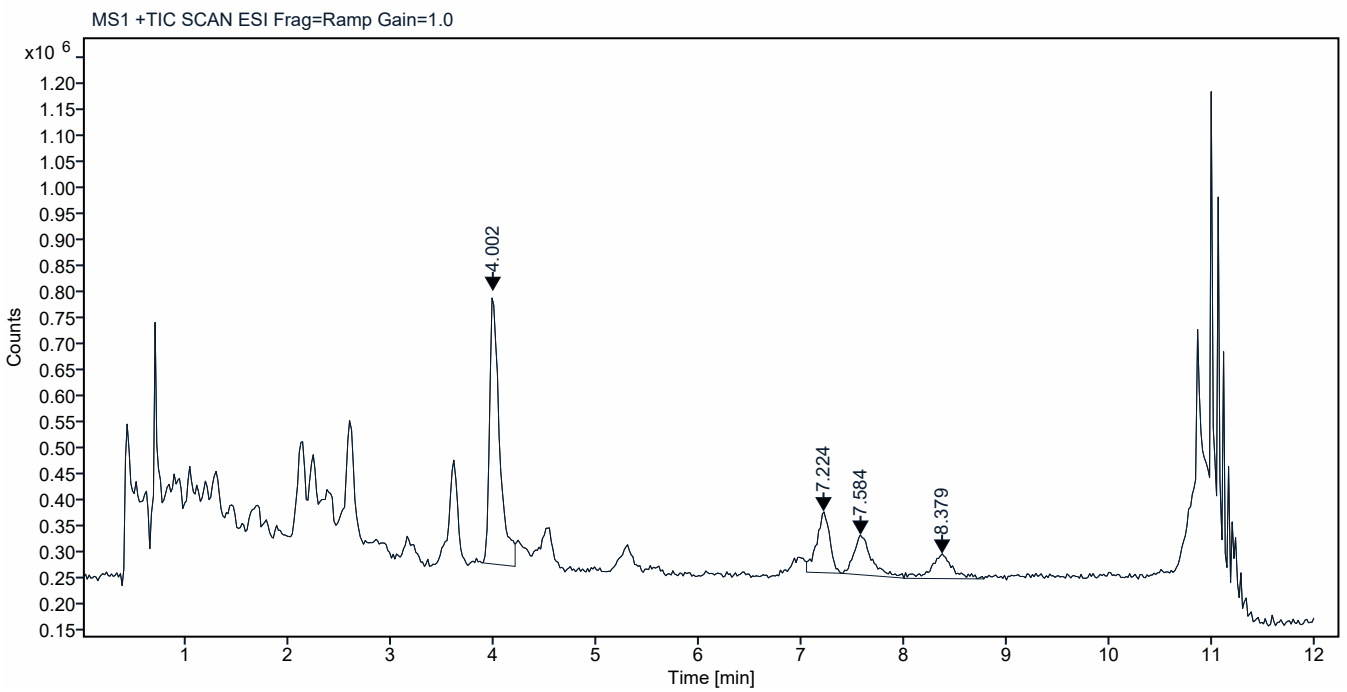


AK

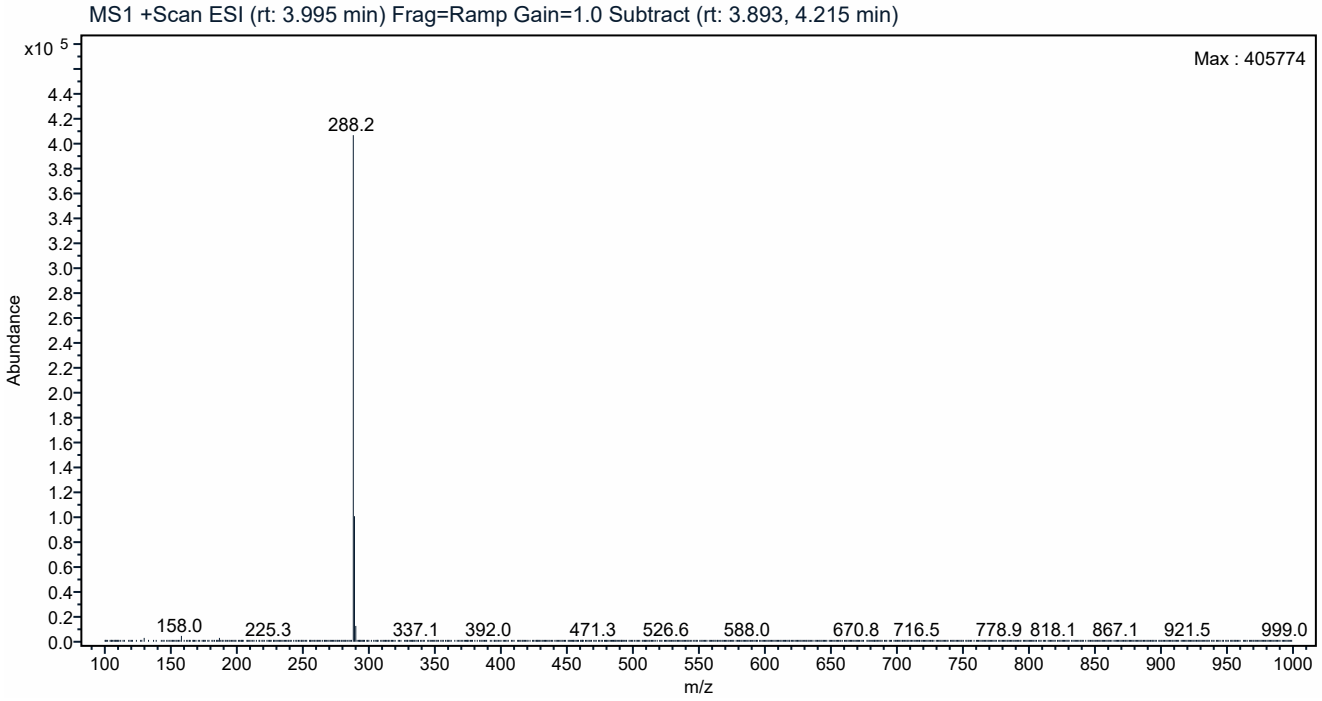
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 17:05:13-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(4).sirslt

Plant Material 26



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.002

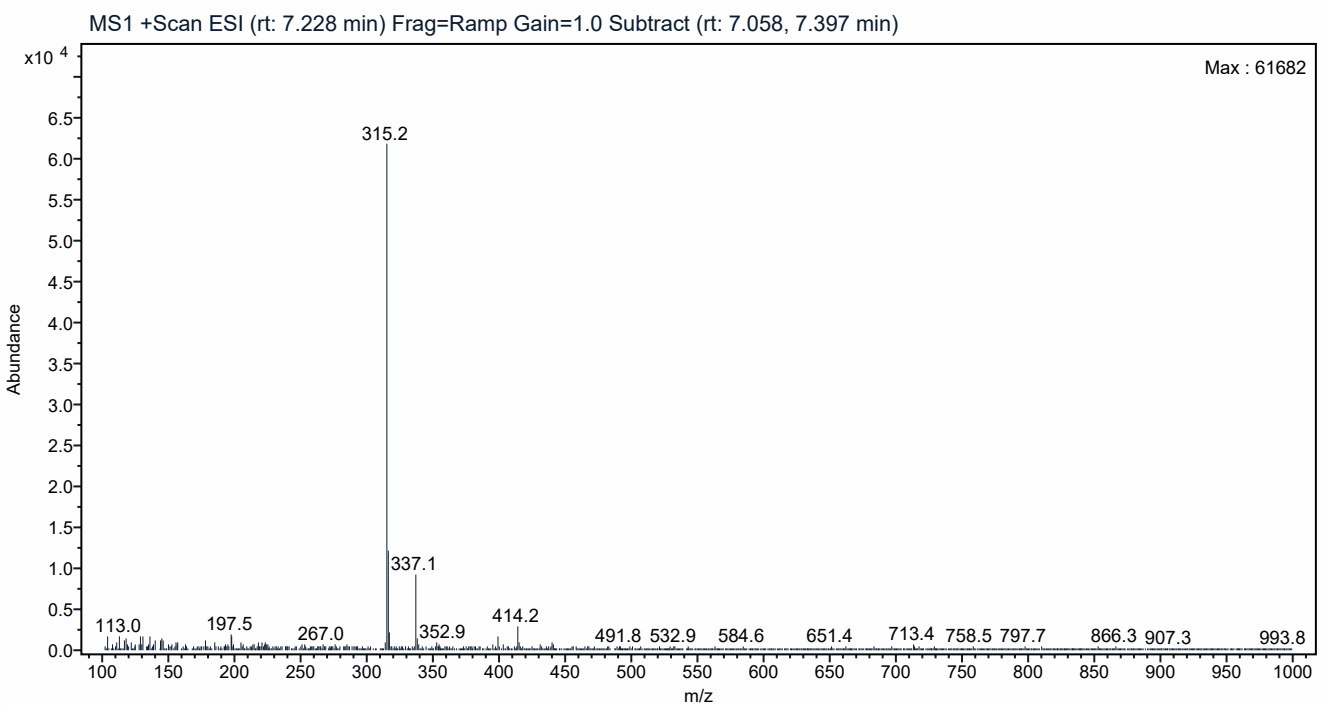


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 17:05:13-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(4).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.224

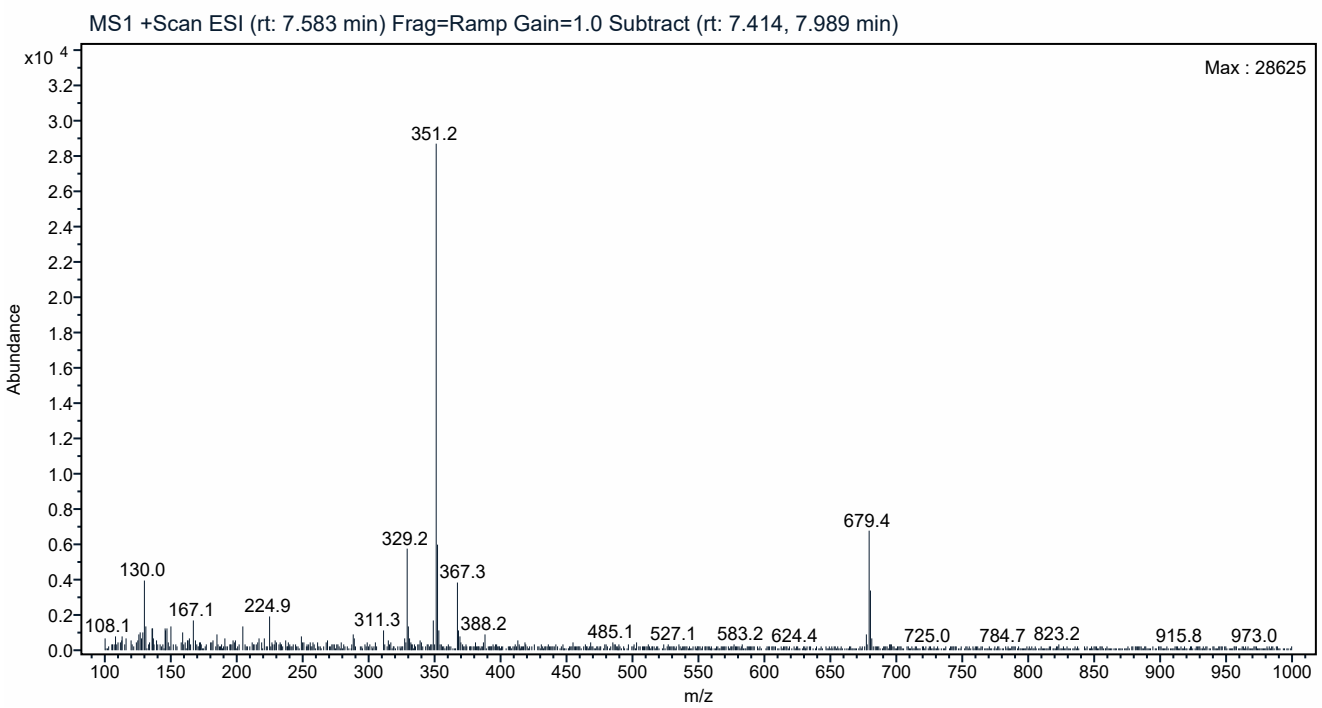


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 17:05:13-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(4).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.584

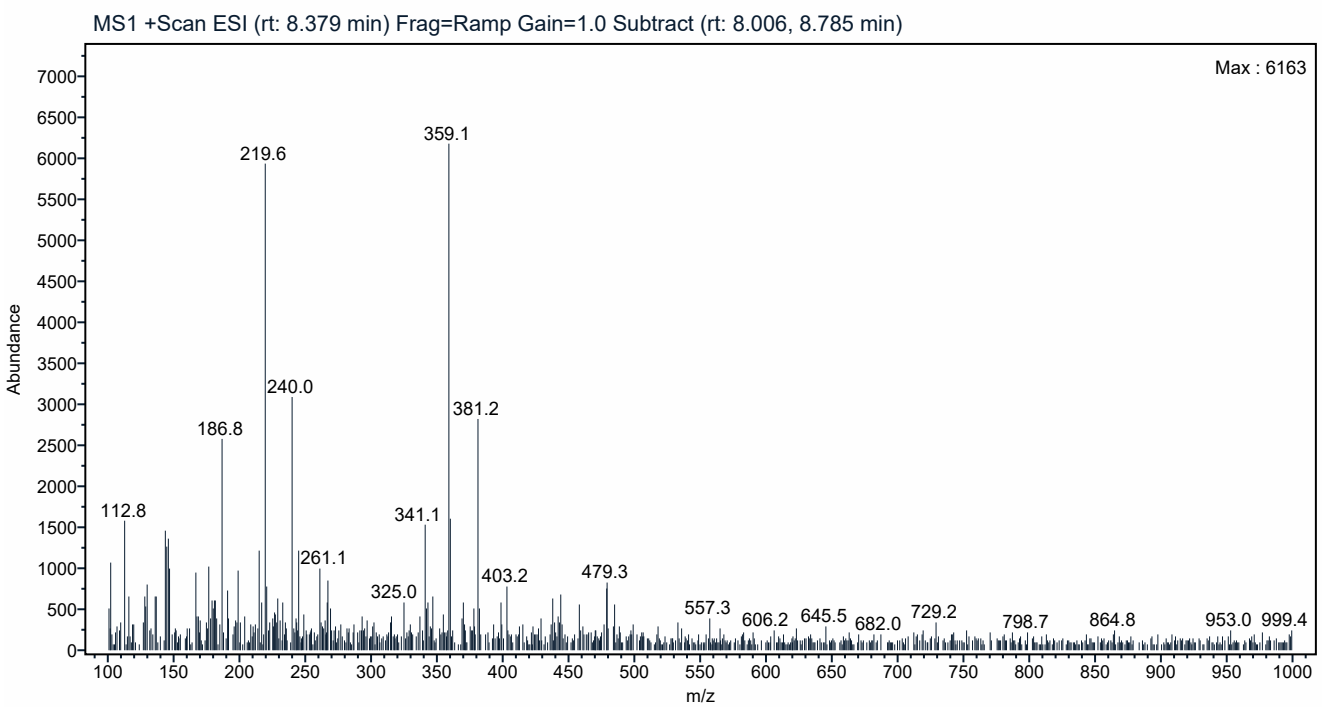


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(4).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 17:05:13-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(4).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.379



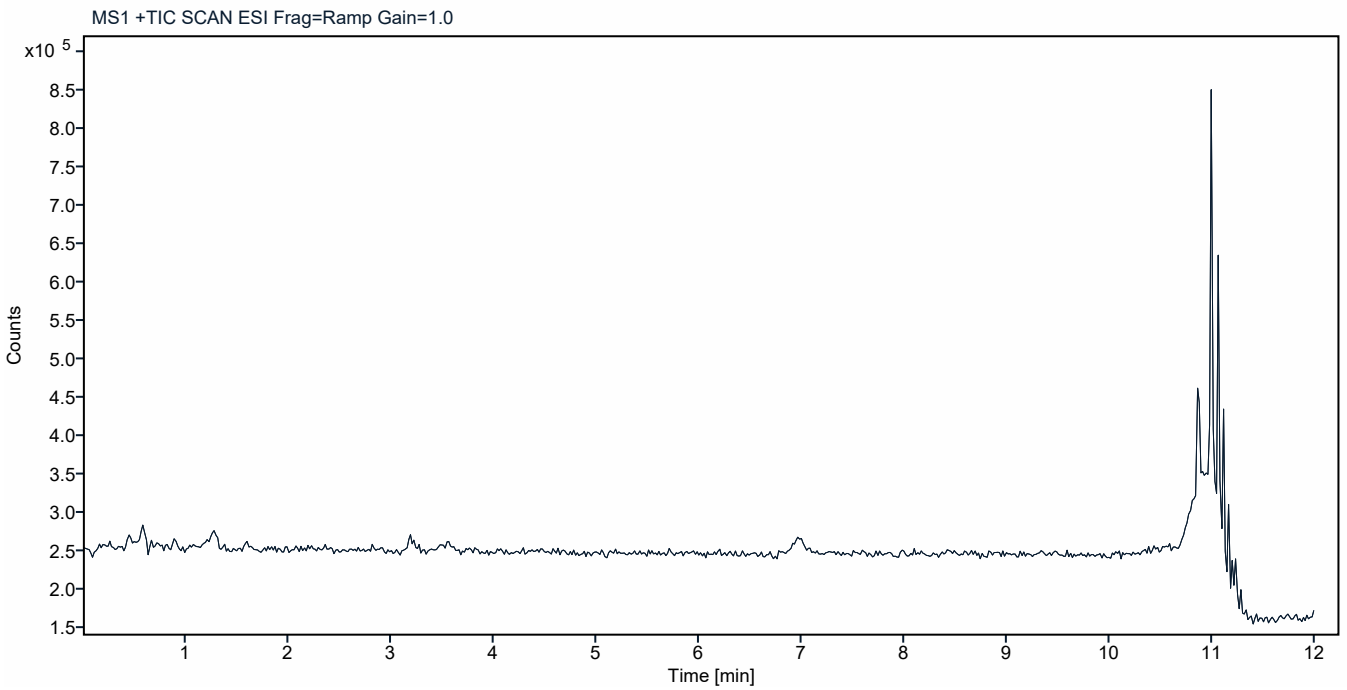
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.002	0.3257	3480987.6267	524149.1284	56.8369
7.224	0.3486	1034050.0303	117441.8946	16.8838
7.584	0.5916	910666.6097	76481.6023	14.8692
8.379	0.7786	698814.7022	47459.1872	11.4101

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank PM MeOH-ACN(6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-20 19:34:40-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank PM MeOH-ACN(6).sirslt

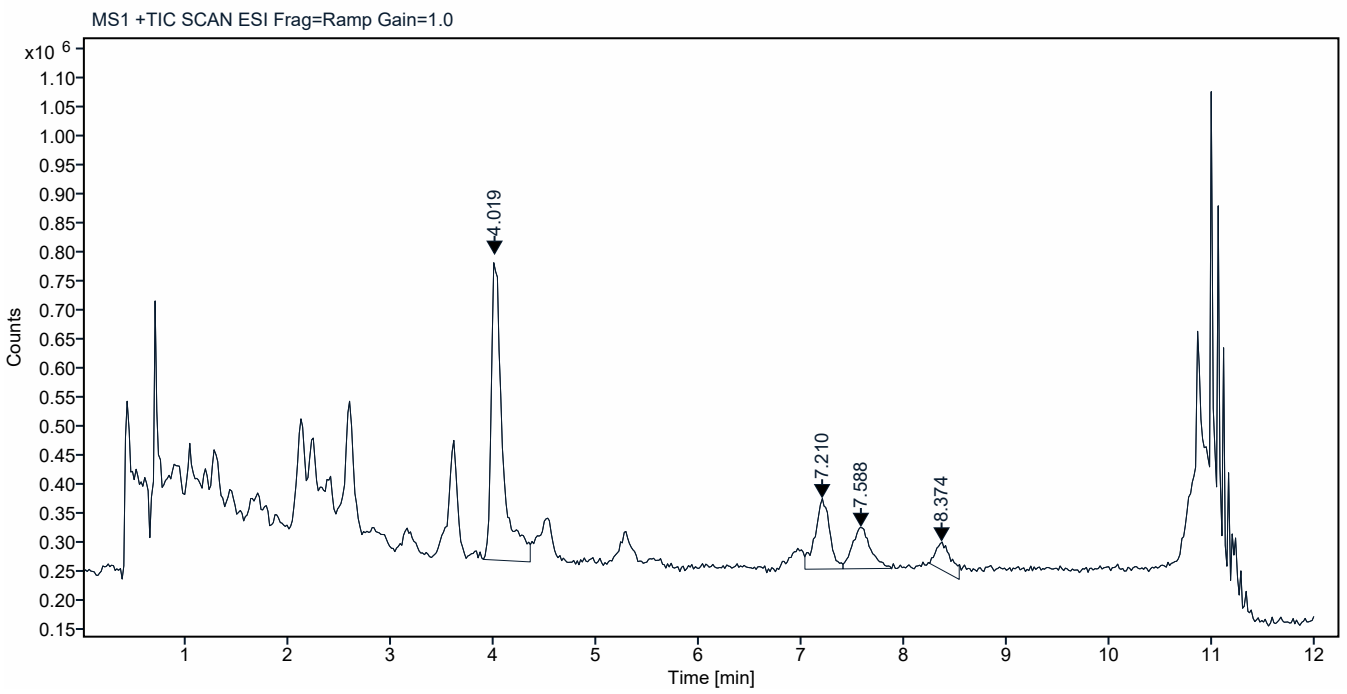


AK

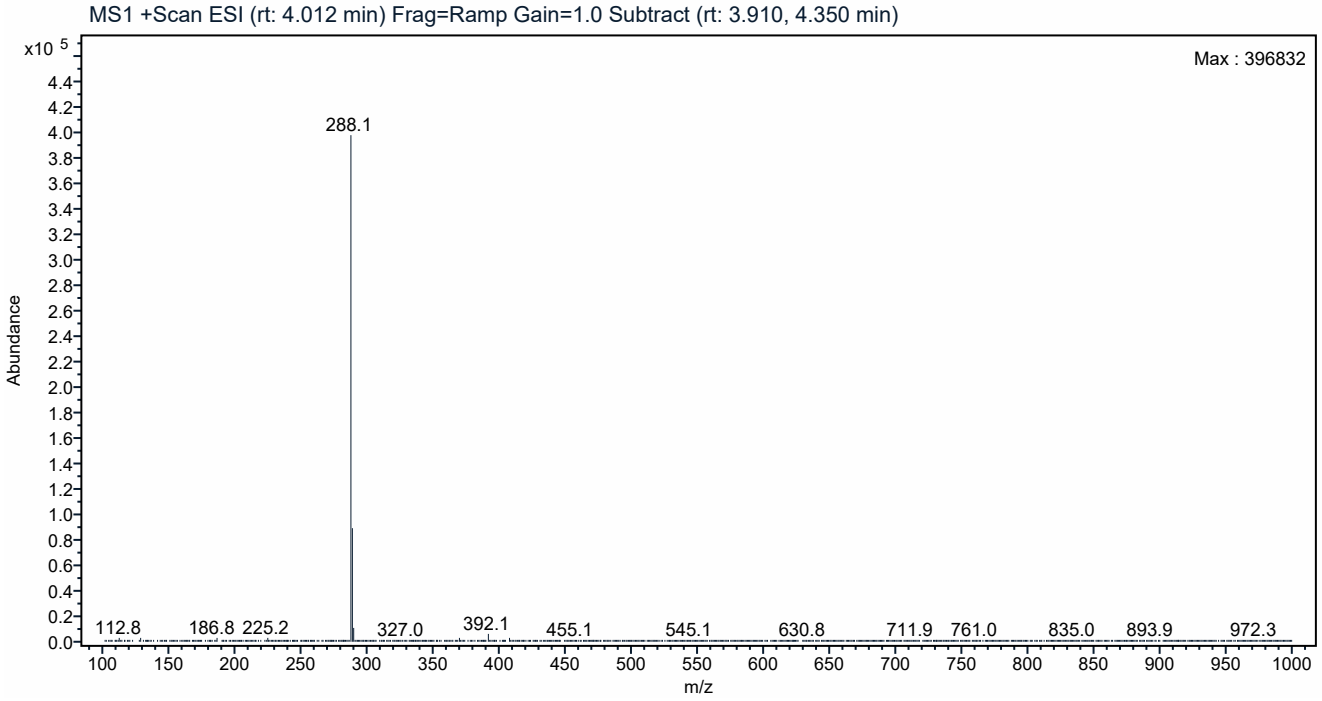
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 19:48:13-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(6).sirslt

Plant Material 27



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.019

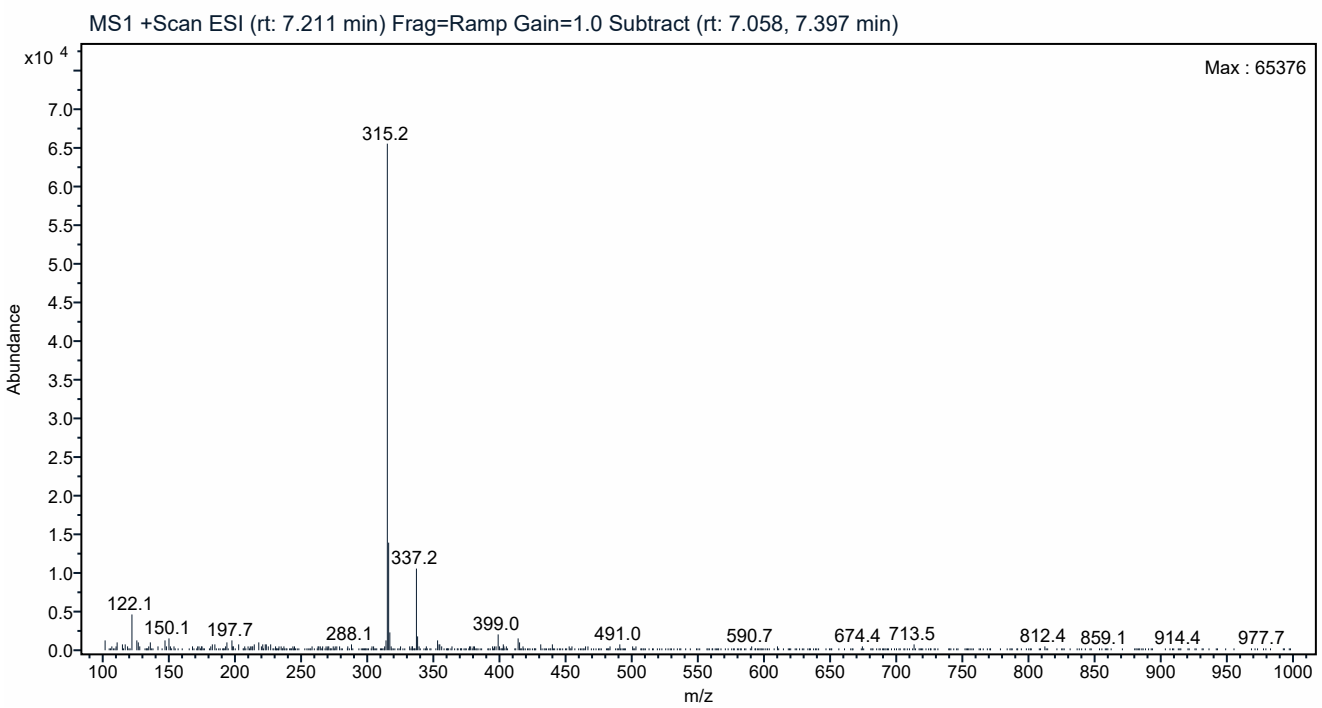


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 19:48:13-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(6).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.210

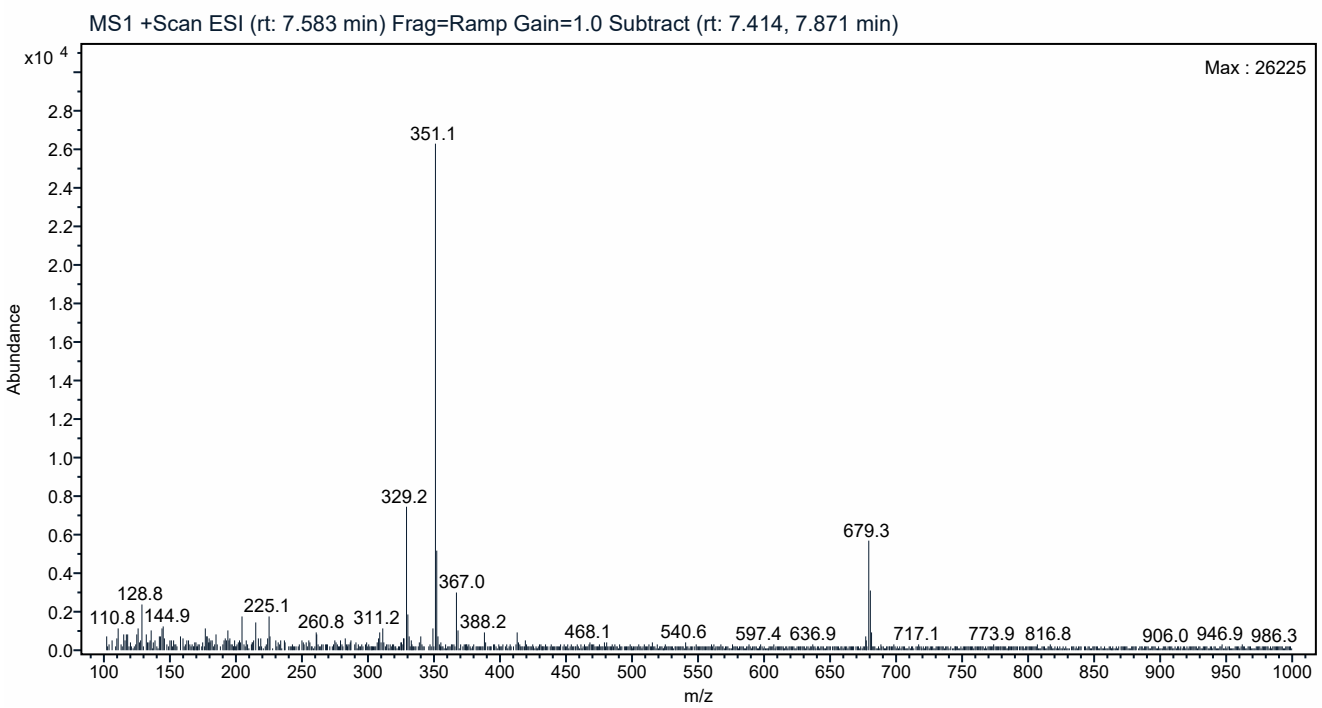


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 19:48:13-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(6).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.588

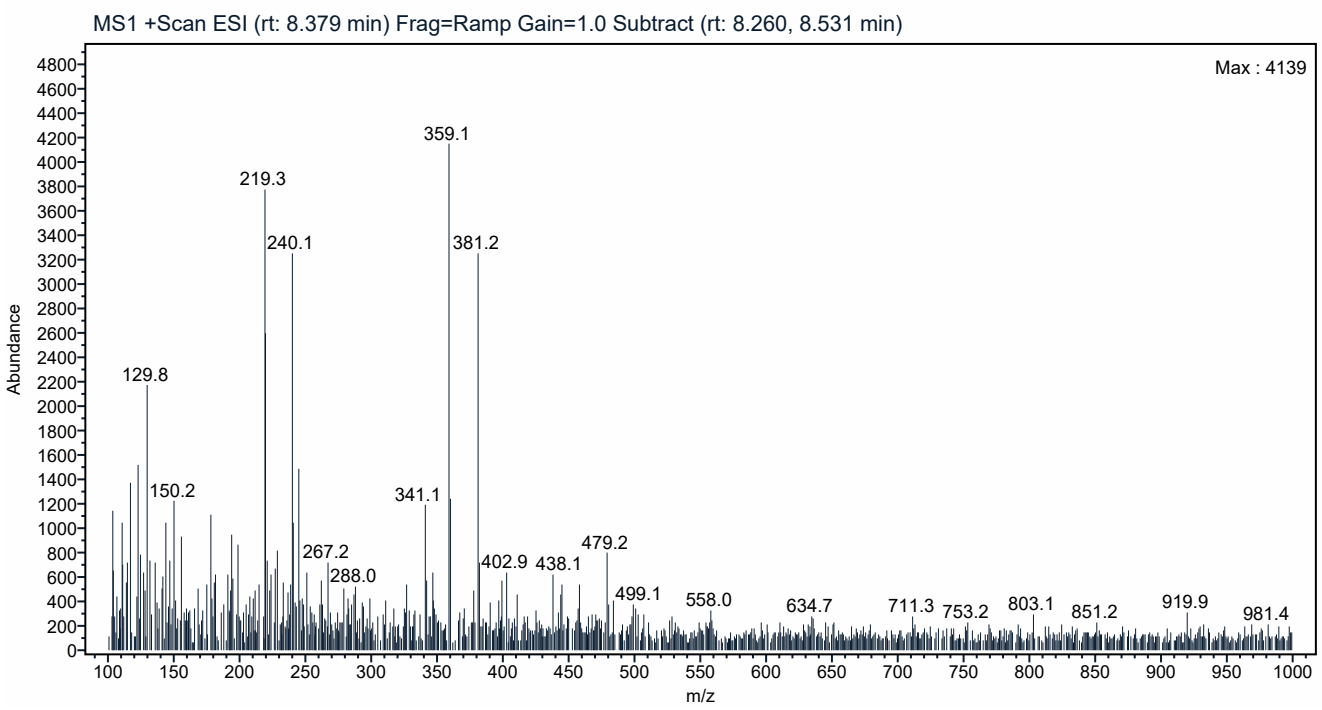


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(6).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 19:48:13-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(6).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.374



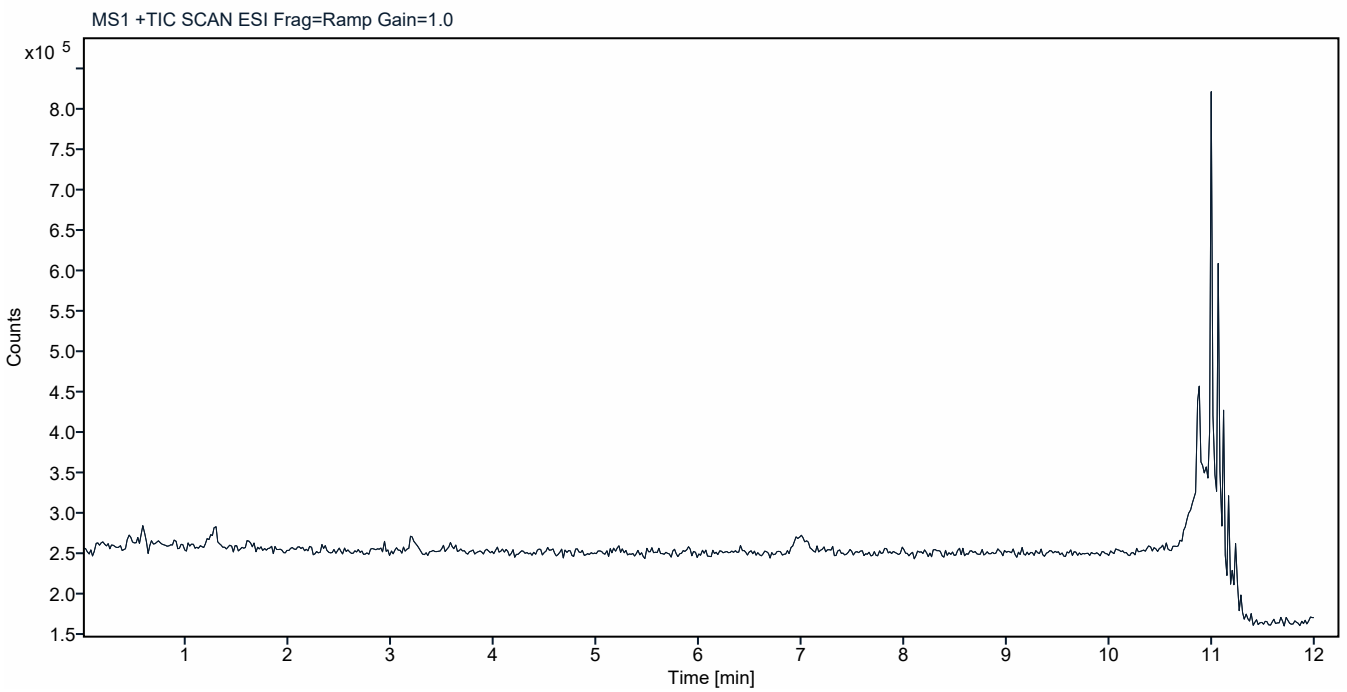
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.019	0.4560	3959974.7610	525212.2441	60.5052
7.210	0.3710	1196883.3193	121514.0698	18.2874
7.588	0.4716	881847.1347	71358.4414	13.4739
8.374	0.3016	506146.0359	48331.2143	7.7335

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank for PM MeOH-ACN(7).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-20 20:56:13-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank for PM MeOH-ACN(7).sirslt

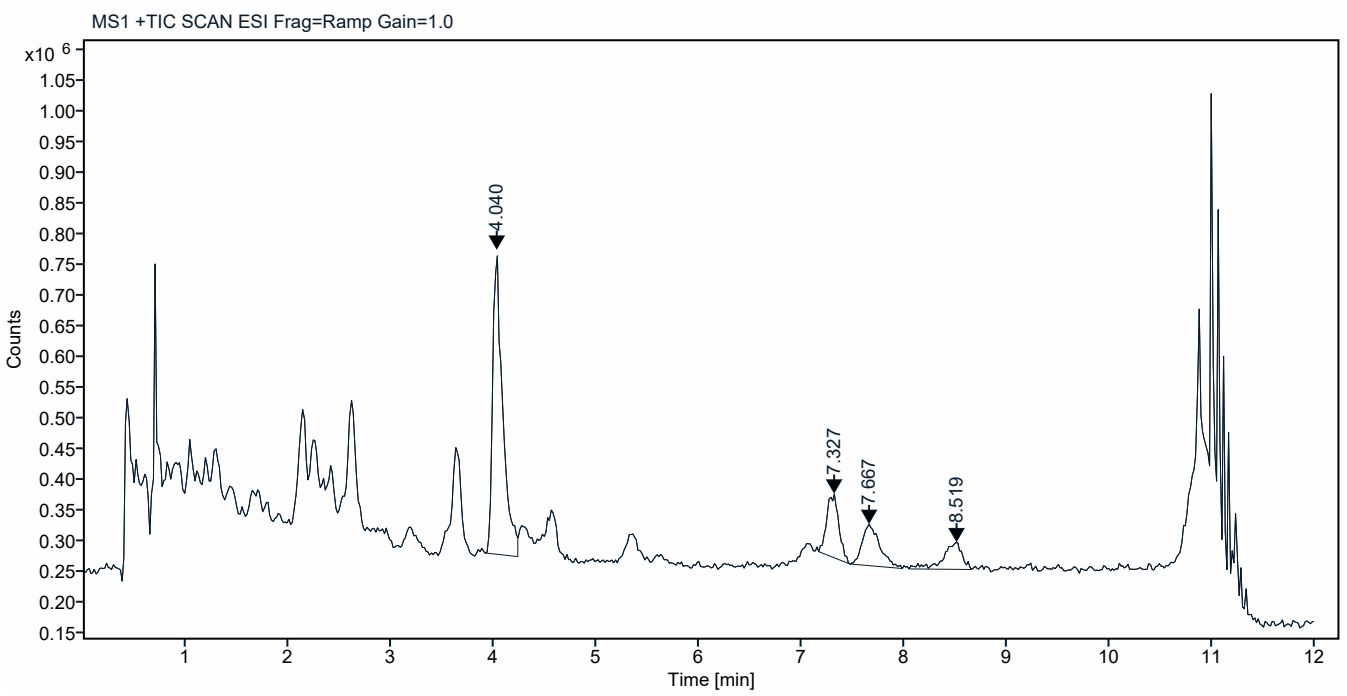


AK

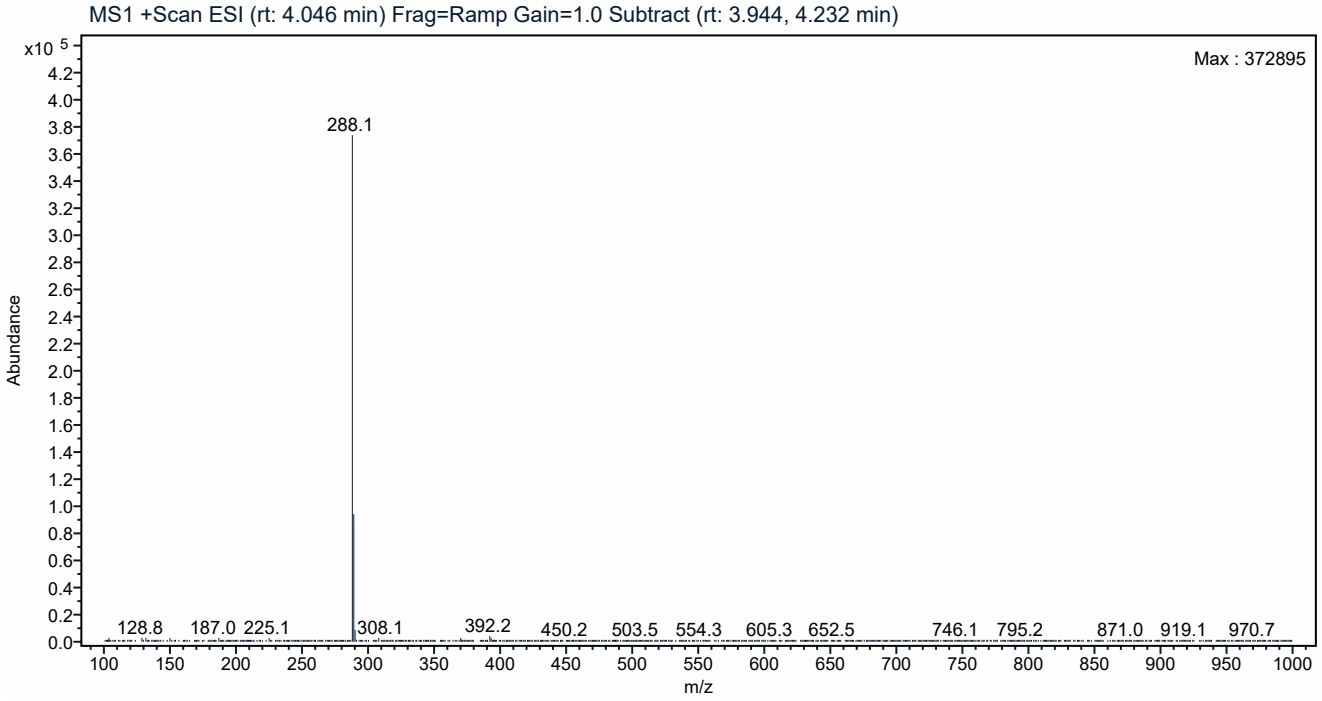
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(7).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 21:09:47-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(7).sirslt

Plant Material 28



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.040

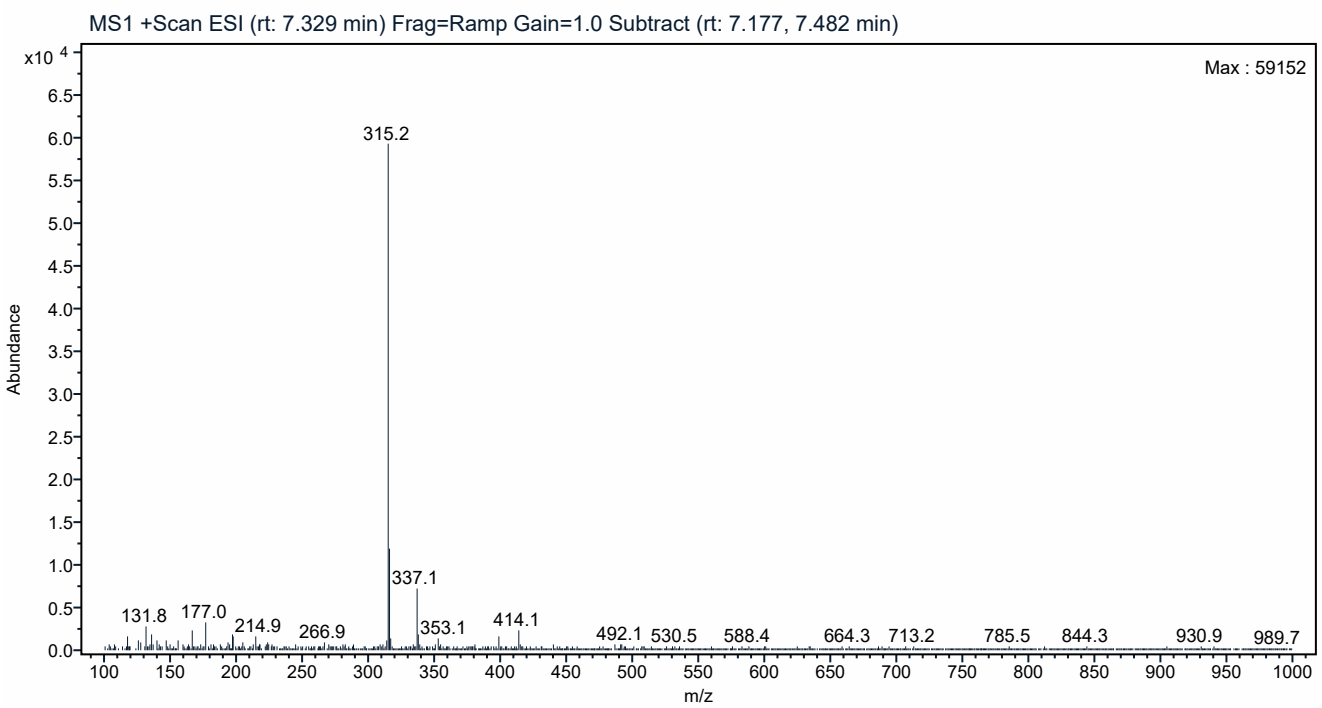


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(7).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 21:09:47-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(7).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.327

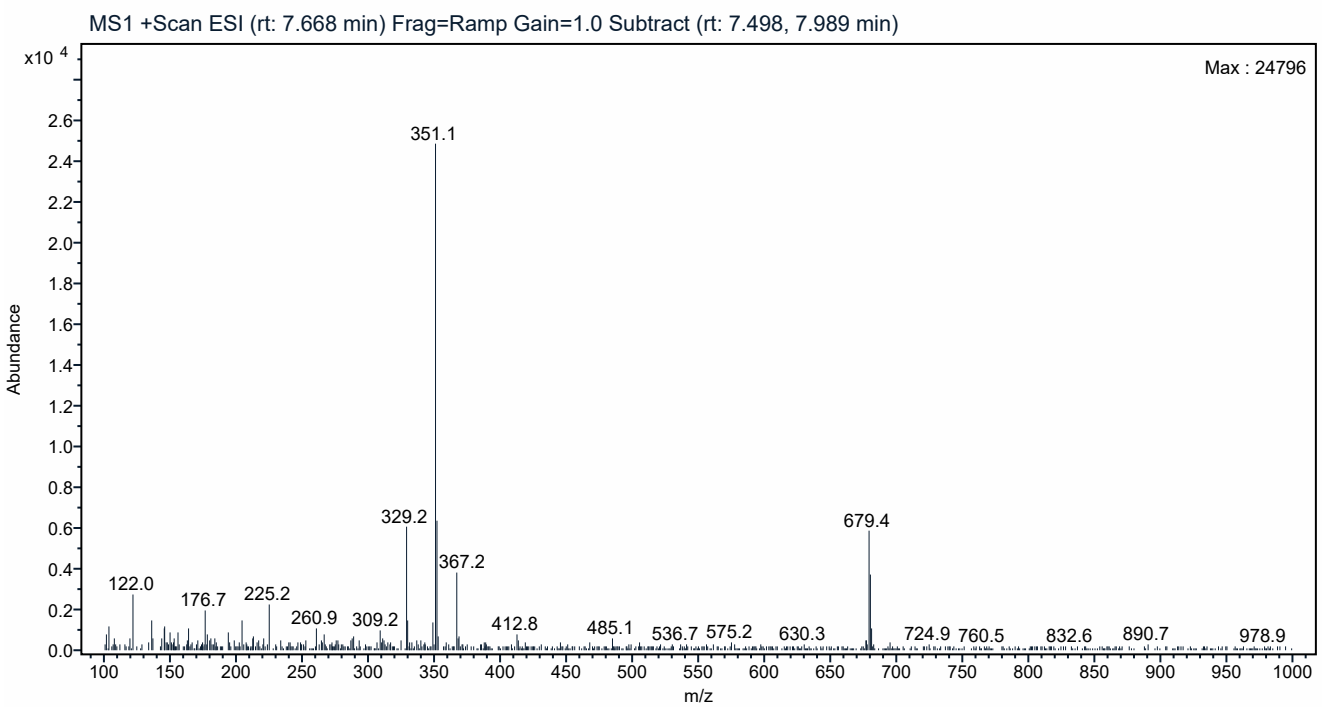


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(7).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 21:09:47-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(7).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.667

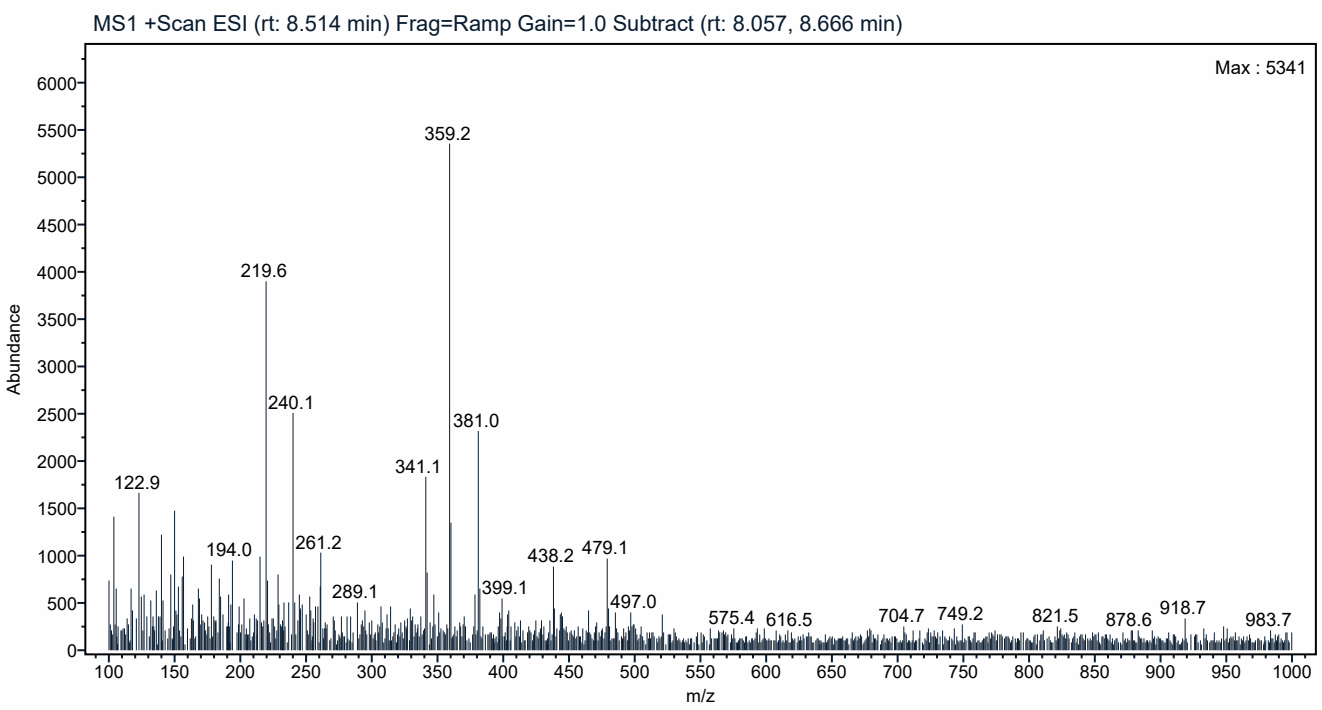


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(7).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 21:09:47-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(7).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.519



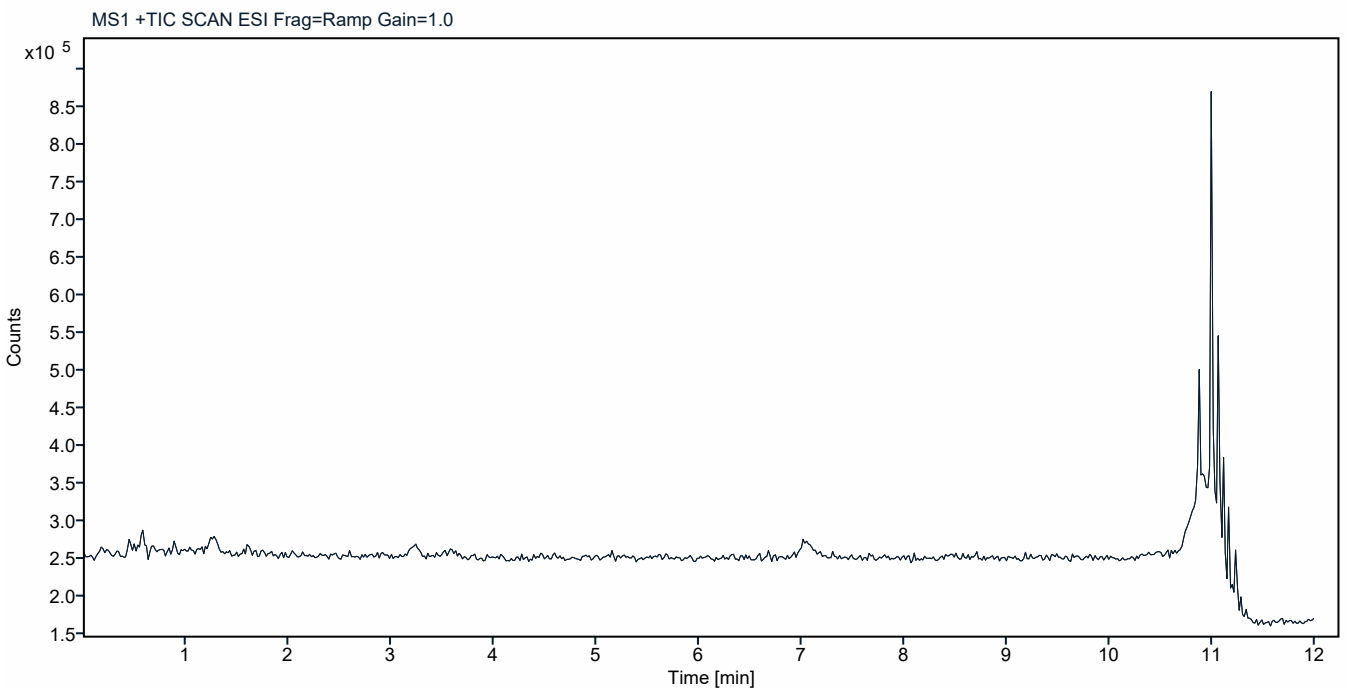
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.040	0.3148	3326862.8009	495901.4223	60.0865
7.327	0.3047	843755.6275	104187.1647	15.2391
7.667	0.5073	801217.9602	67584.8269	14.4708
8.519	0.6093	564950.5860	43895.8559	10.2036

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank for PM MeOH-ACN(8).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-20 22:17:44-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank for PM MeOH-ACN(8).sirslt

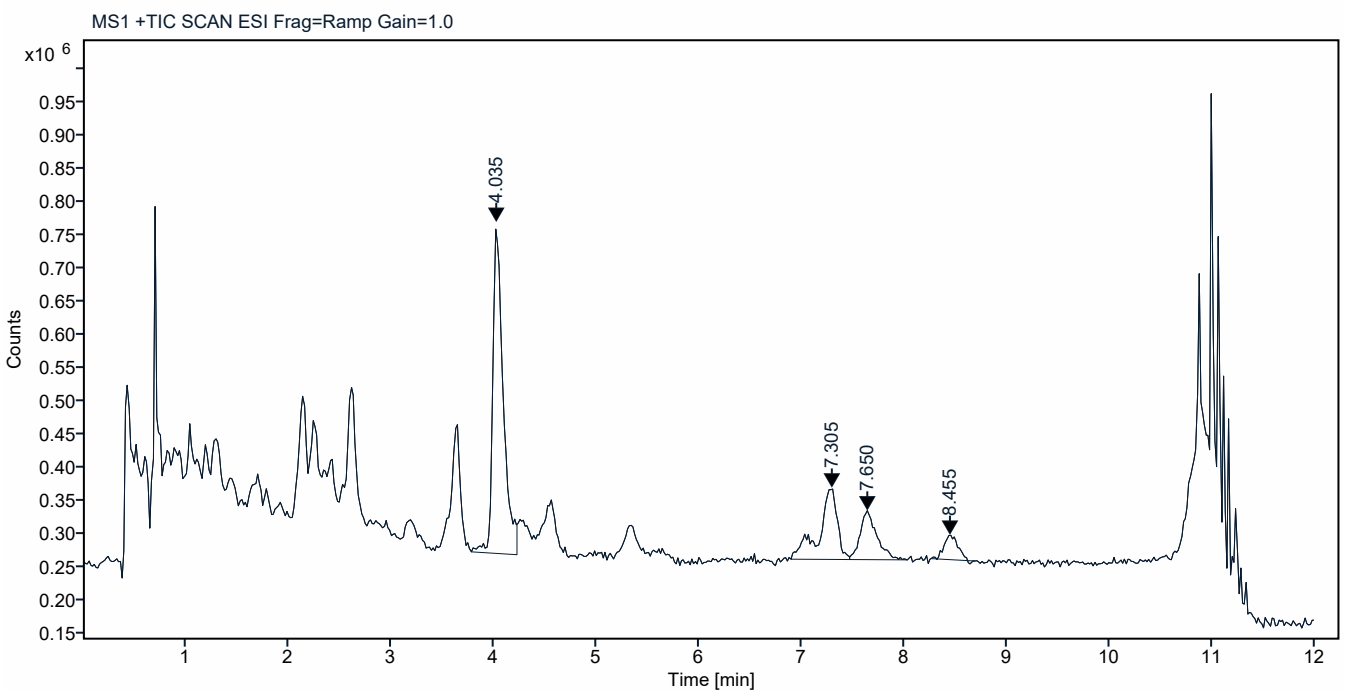


AK

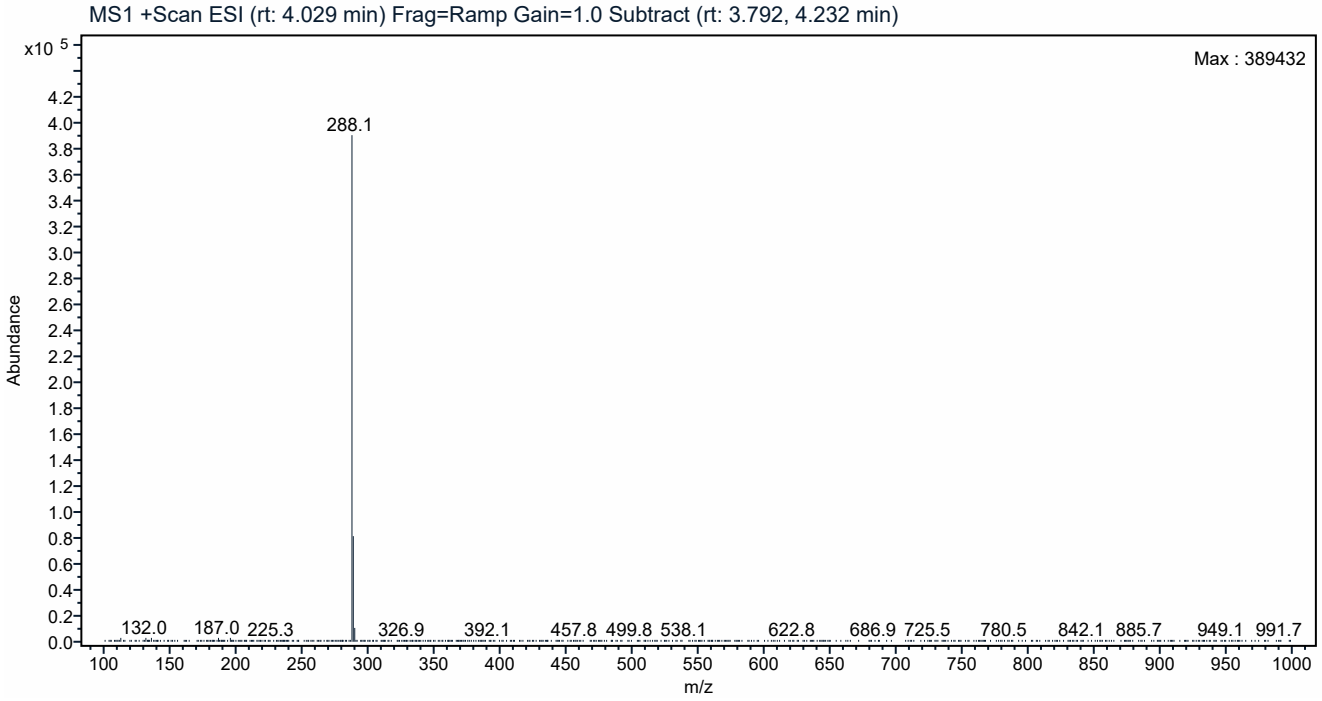
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(8).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 22:31:18-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(8).sirslt

Plant Material 29



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.035

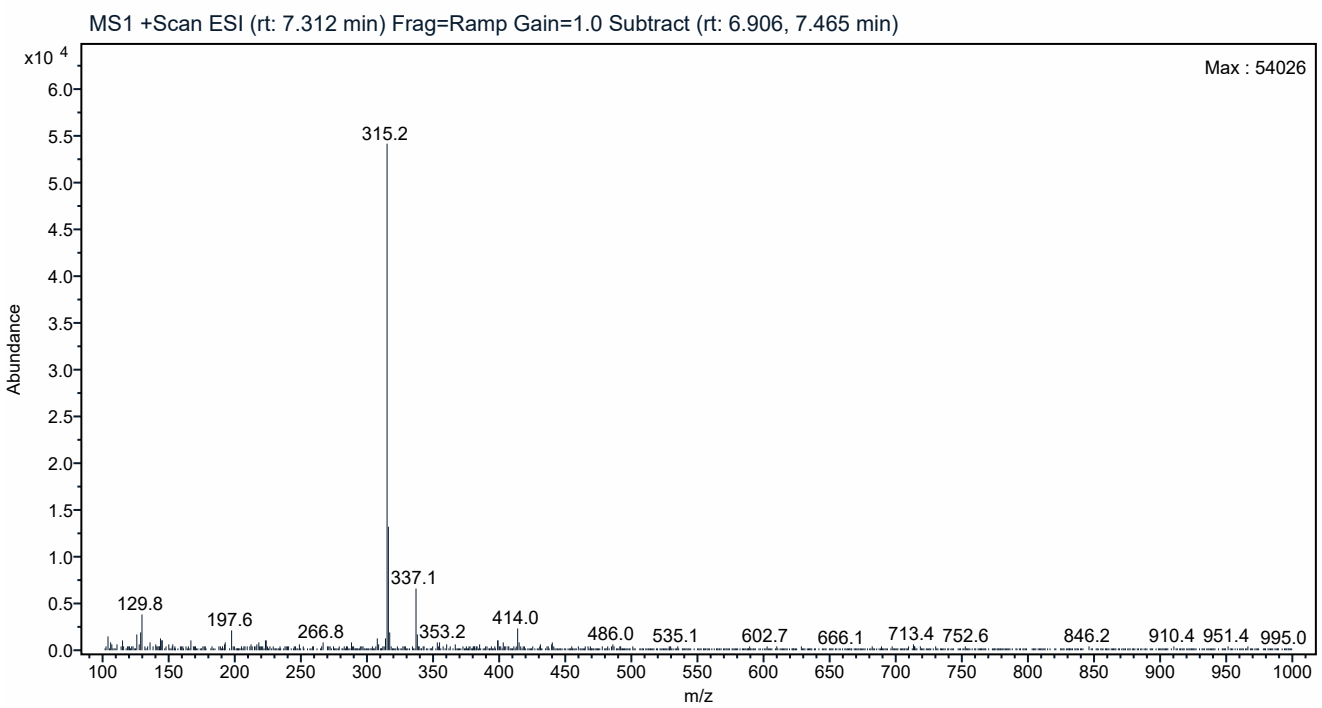


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(8).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 22:31:18-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(8).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.305

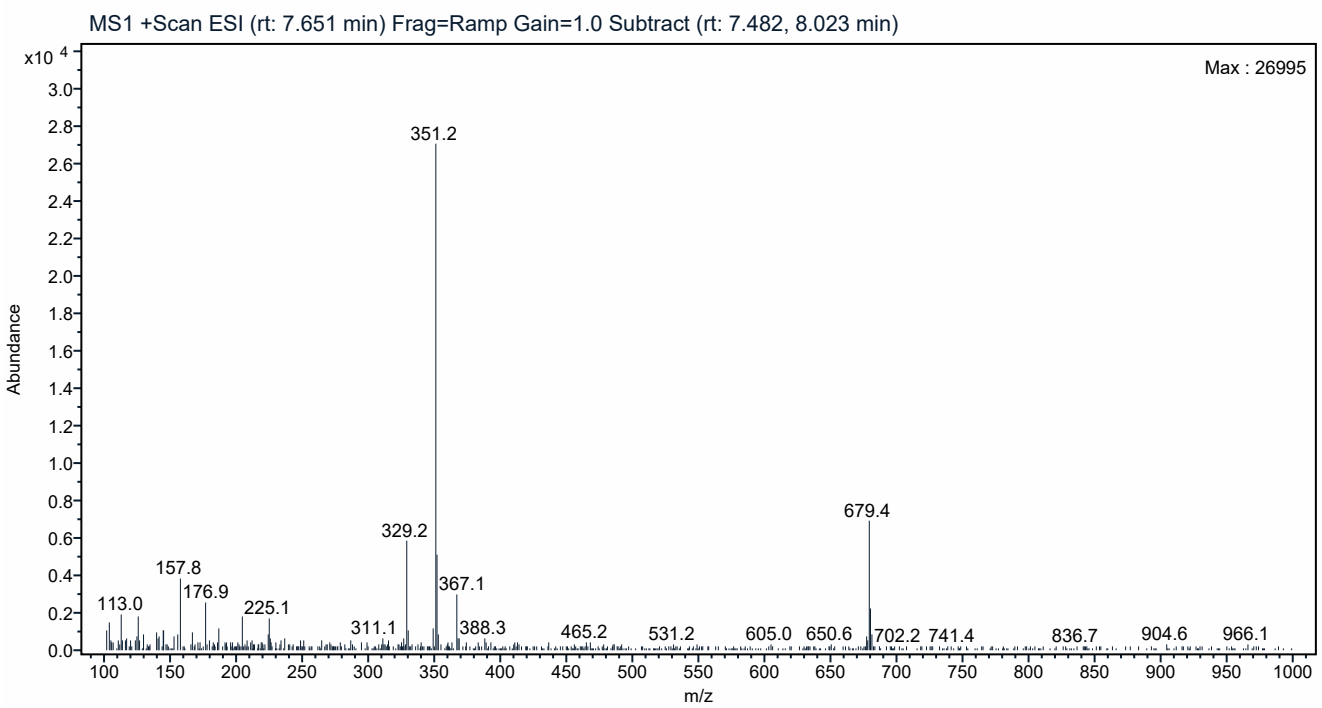


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(8).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 22:31:18-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(8).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.650

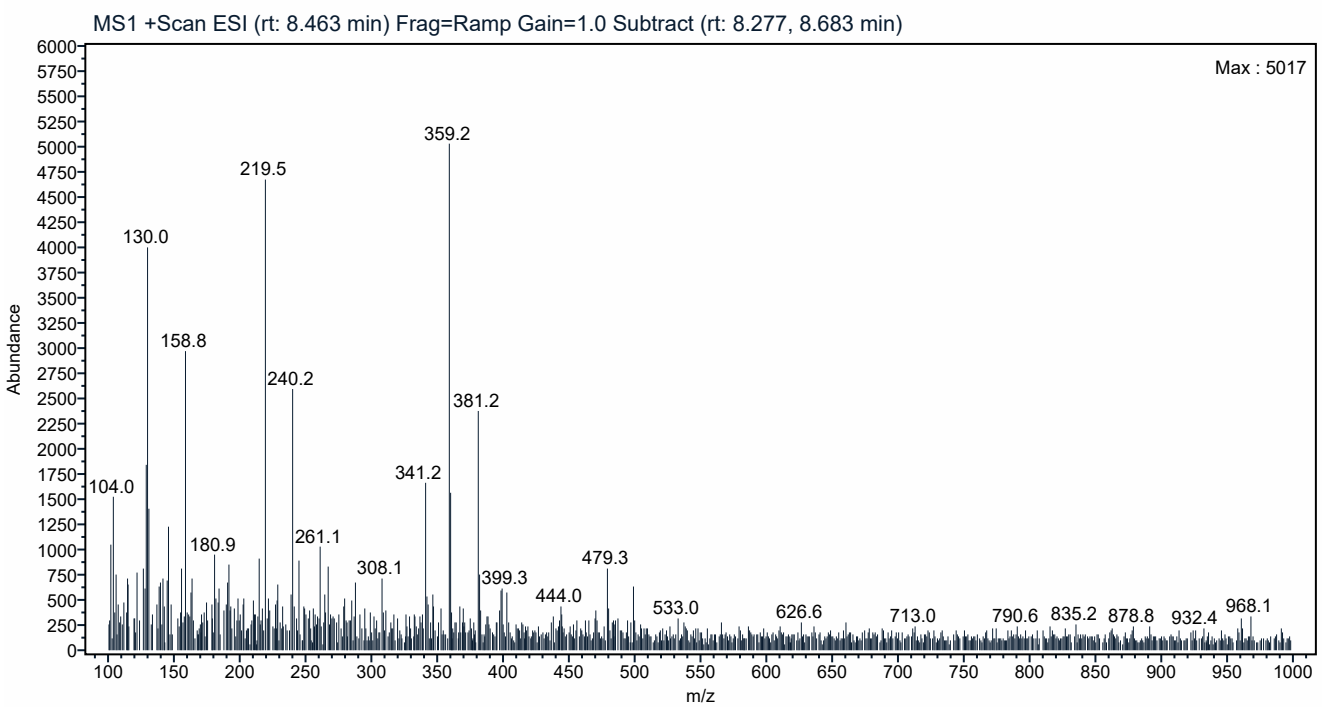


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(8).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 22:31:18-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(8).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.455



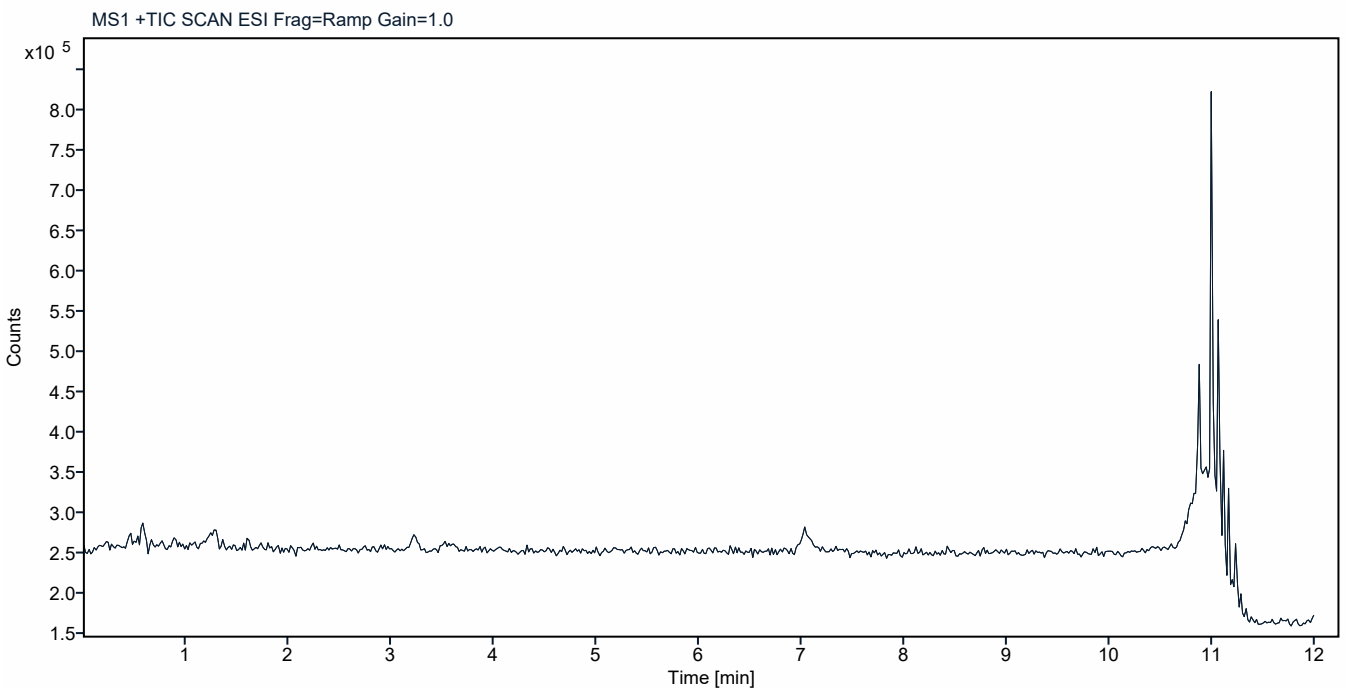
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.035	0.4452	3486538.7293	499009.8802	58.2034
7.305	0.5720	1329921.3827	107983.3584	22.2014
7.650	0.5587	831200.7521	73809.0828	13.8759
8.455	0.4250	342600.6333	37202.1606	5.7193

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank for PM MeOH-ACN(9).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-20 23:39:16-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank for PM MeOH-ACN(9).sirslt

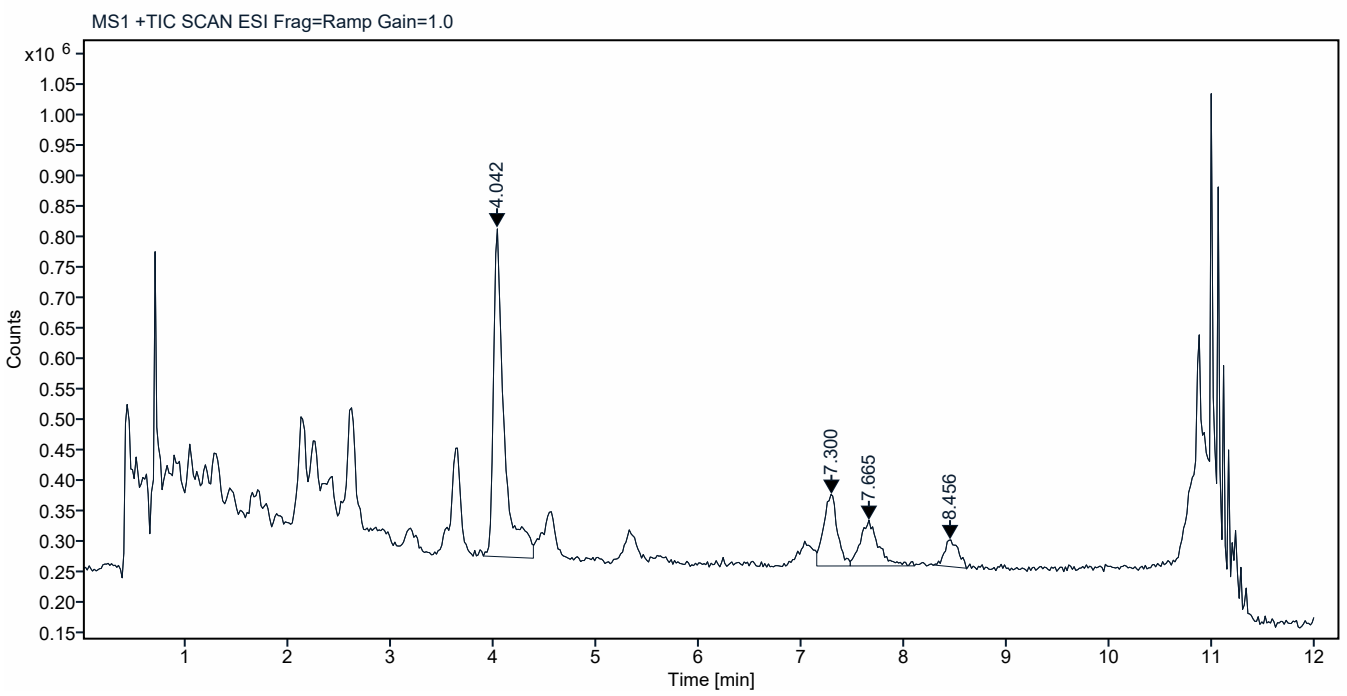


AK

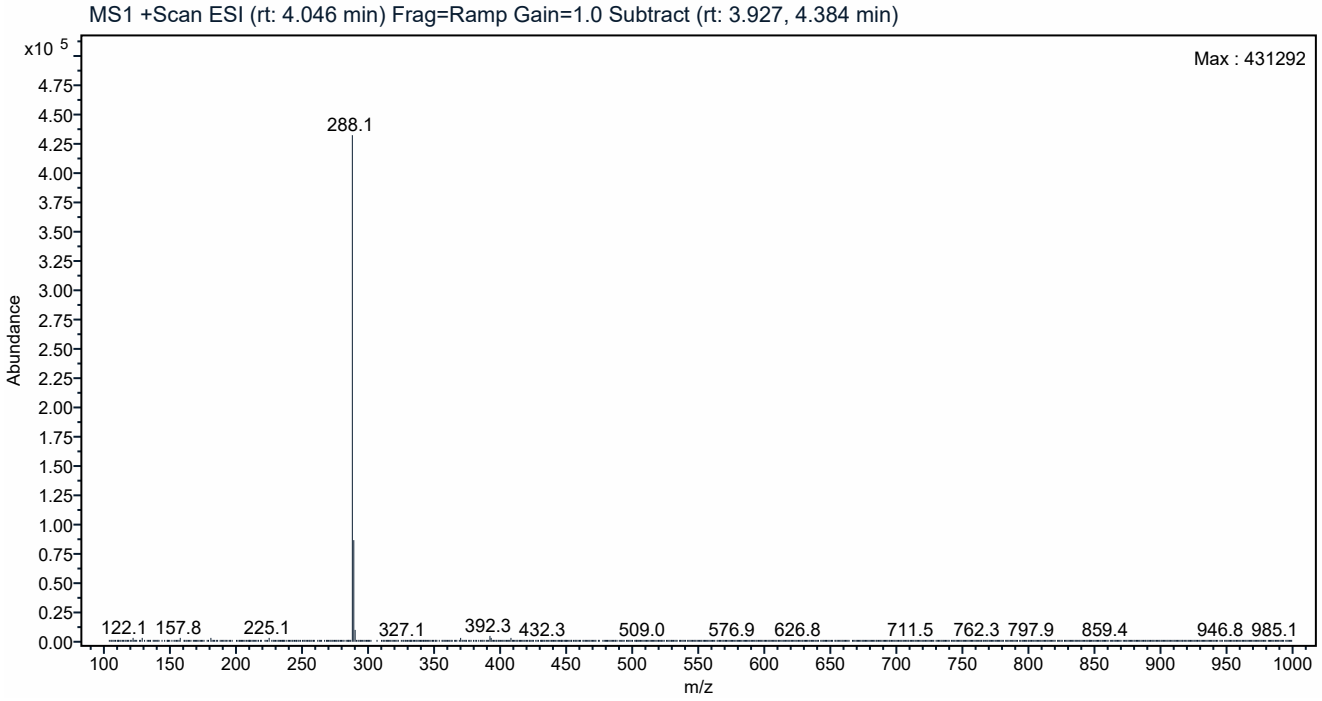
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(9).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 23:52:50-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(9).sirslt

Plant Material 30



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.042

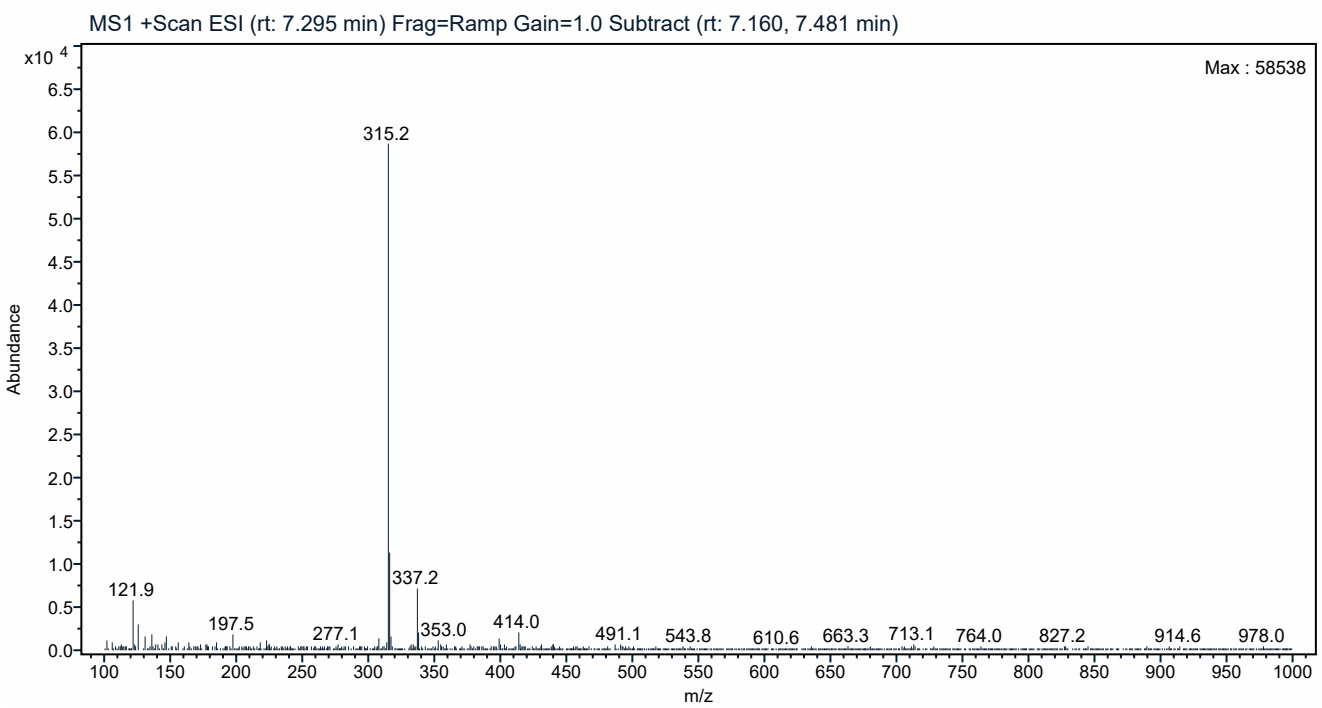


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(9).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 23:52:50-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(9).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.300

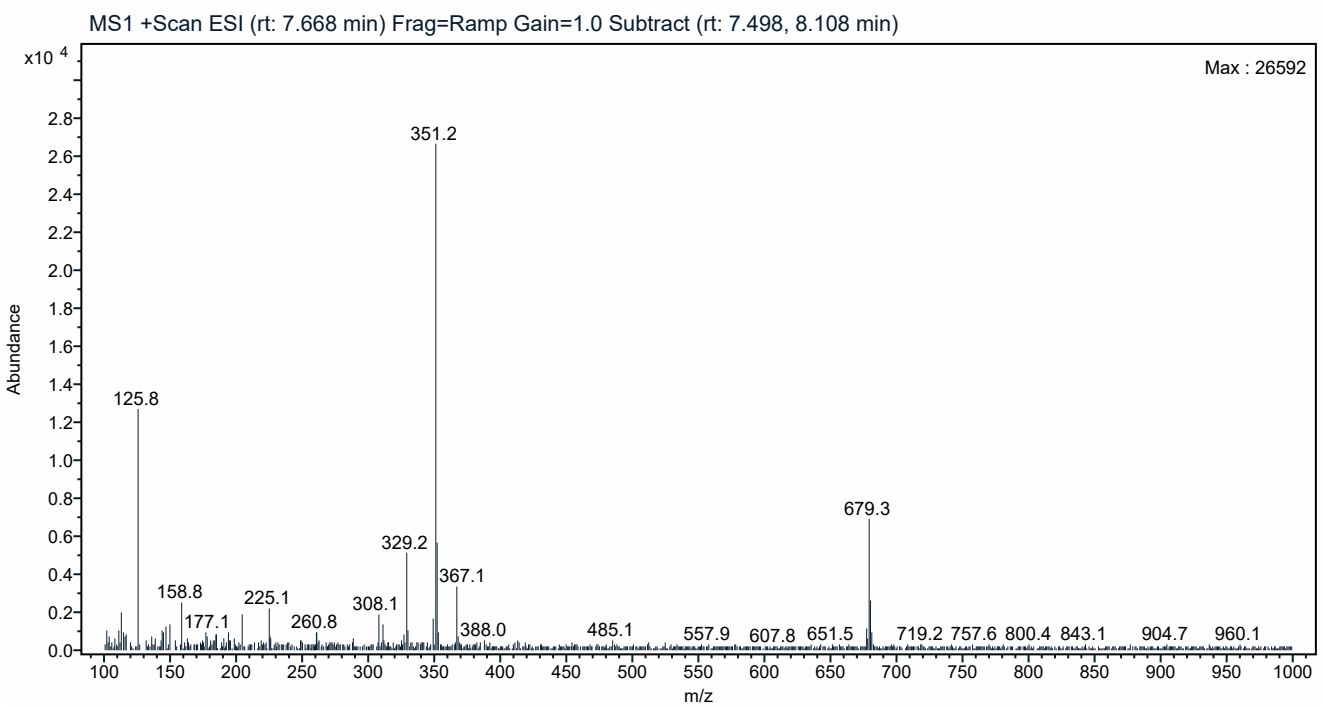


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(9).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 23:52:50-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(9).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.665

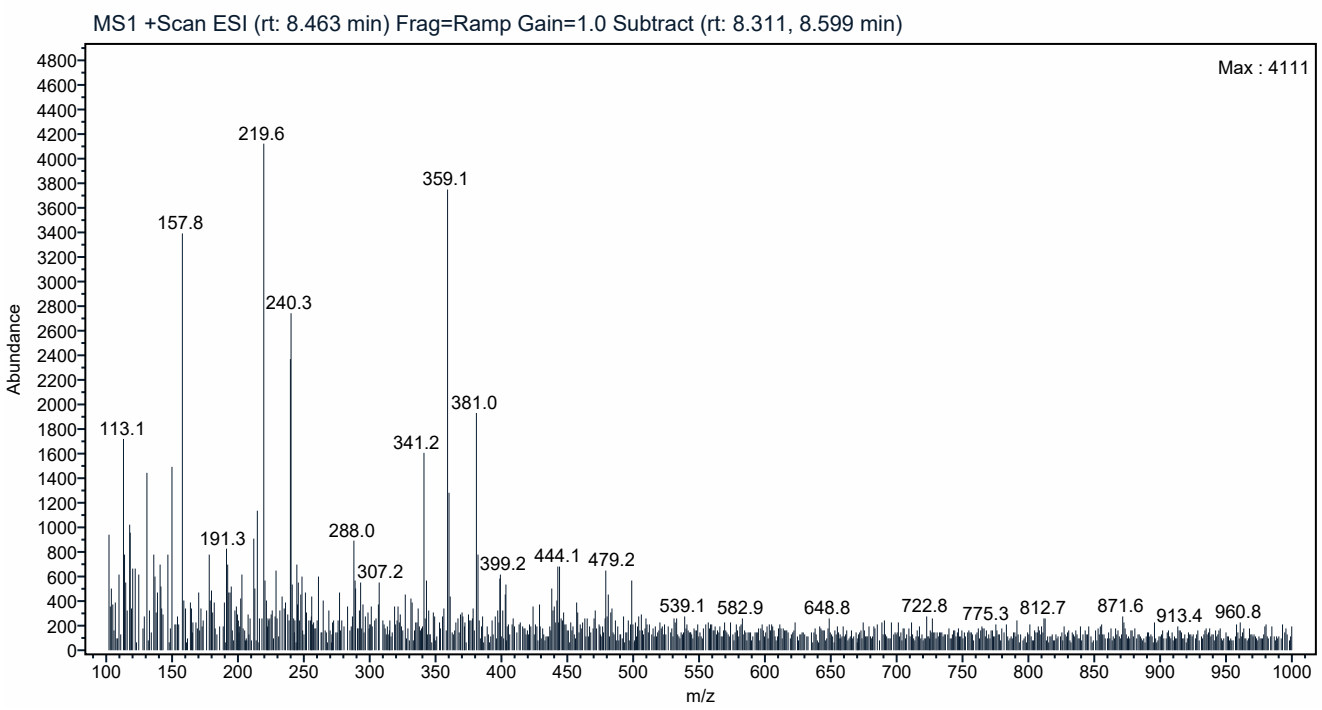


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(9).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-20 23:52:50-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(9).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.456



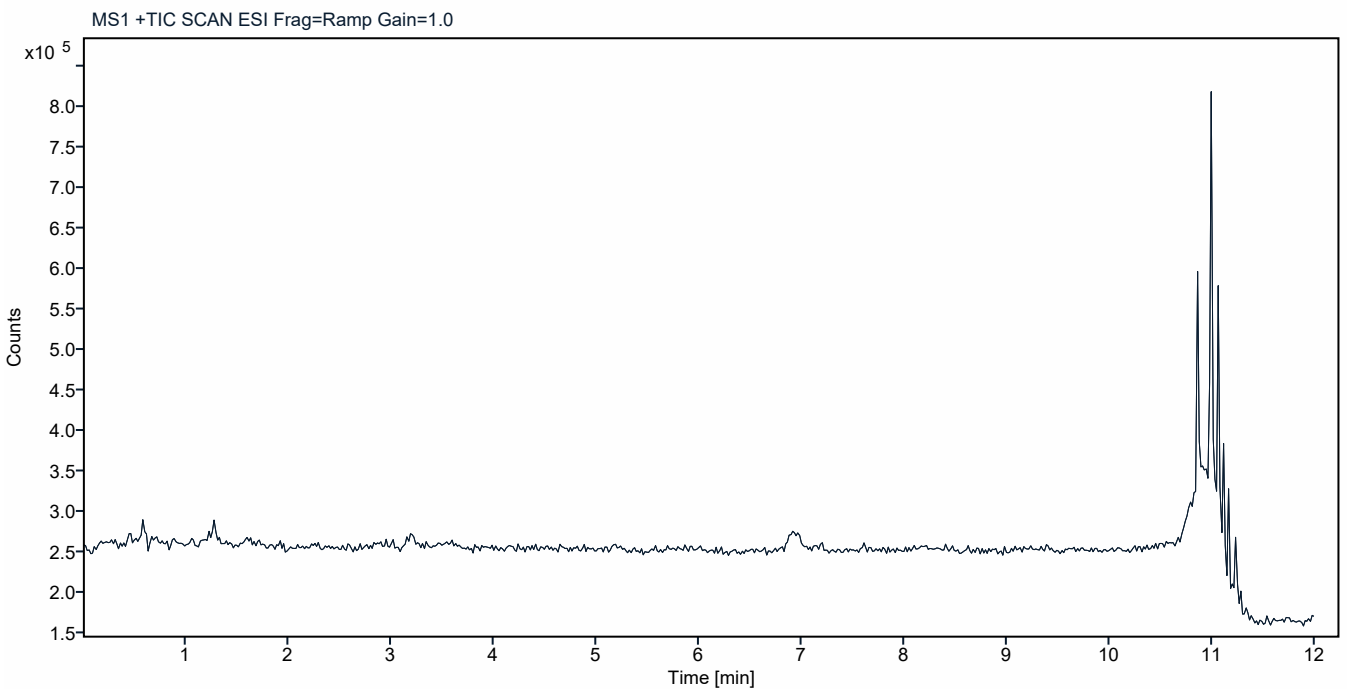
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.042	0.4862	3856415.0573	540125.7324	61.2077
7.300	0.3266	1104234.2968	118069.1837	17.5260
7.665	0.6238	928468.9127	75224.5156	14.7363
8.456	0.3154	411422.6423	44623.5140	6.5300

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank for PM MeOH-ACN(10).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-21 01:00:48-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank for PM MeOH-ACN(10).sirslt

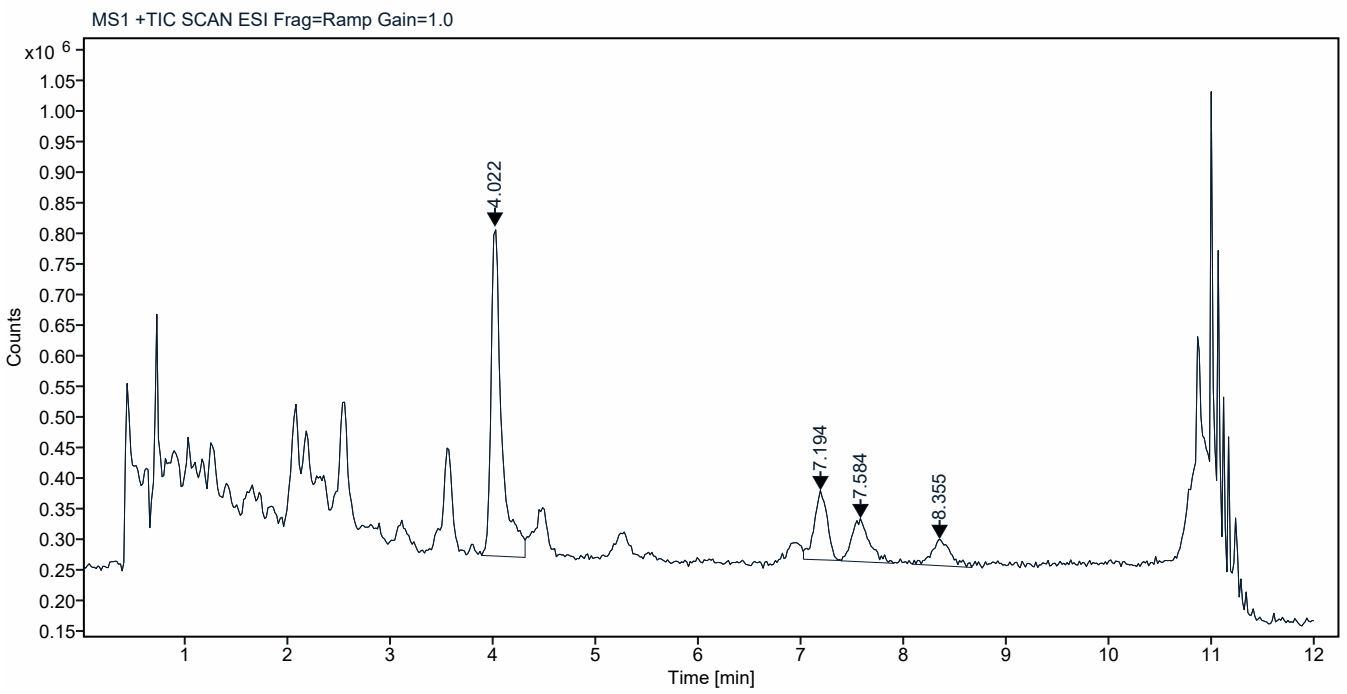


AK

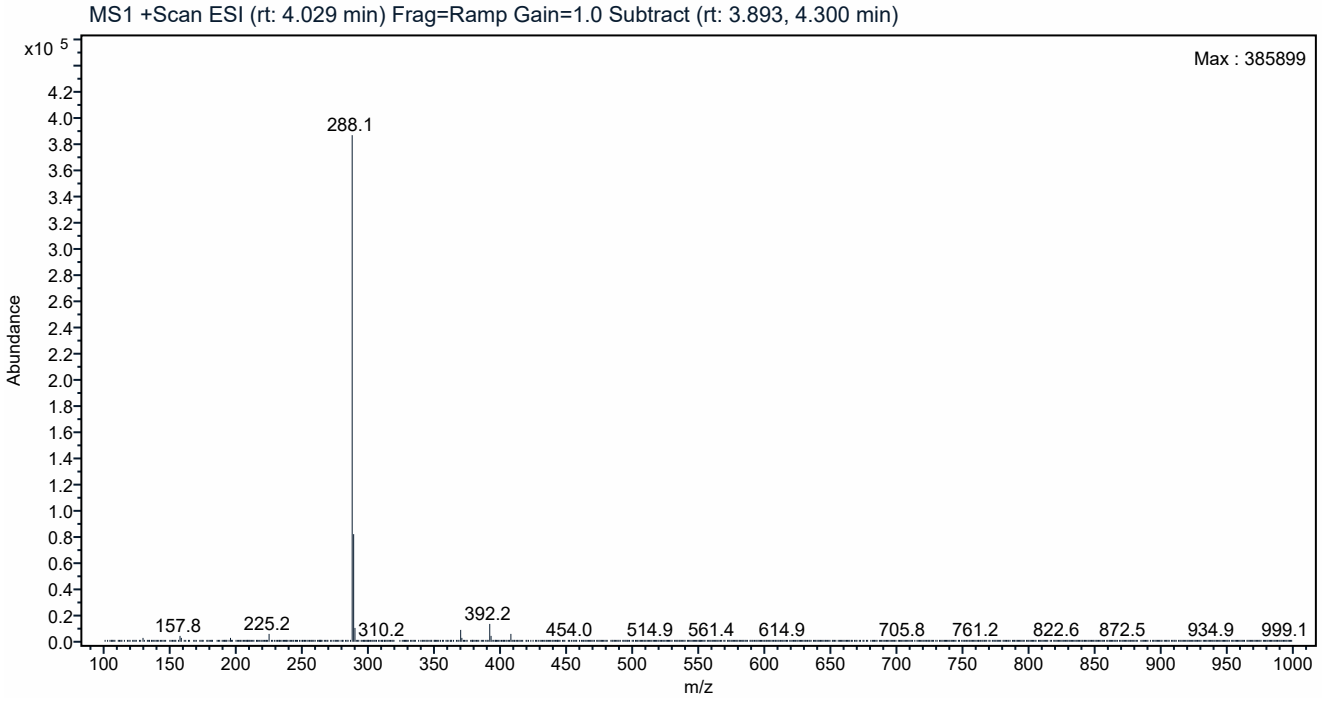
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(10).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-21 01:14:23-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(10).sirslt

Plant Material 31



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.022

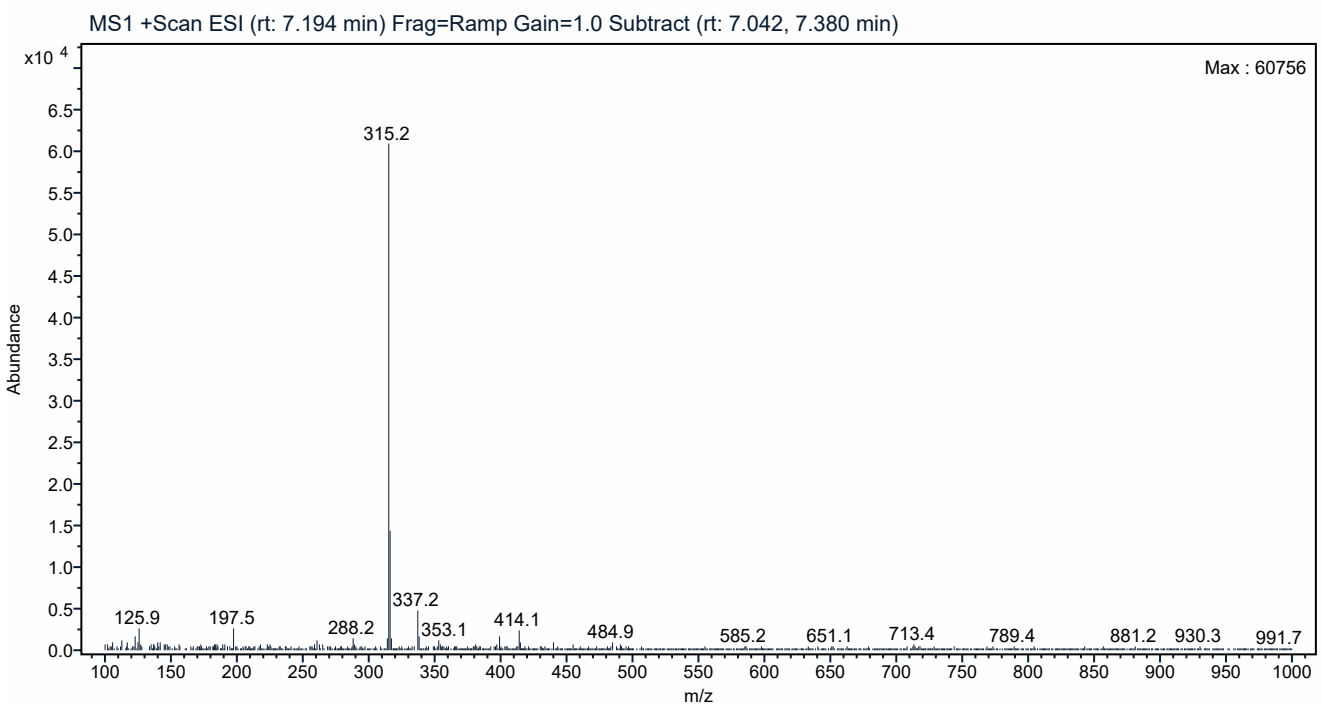


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(10).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-21 01:14:23-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(10).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.194

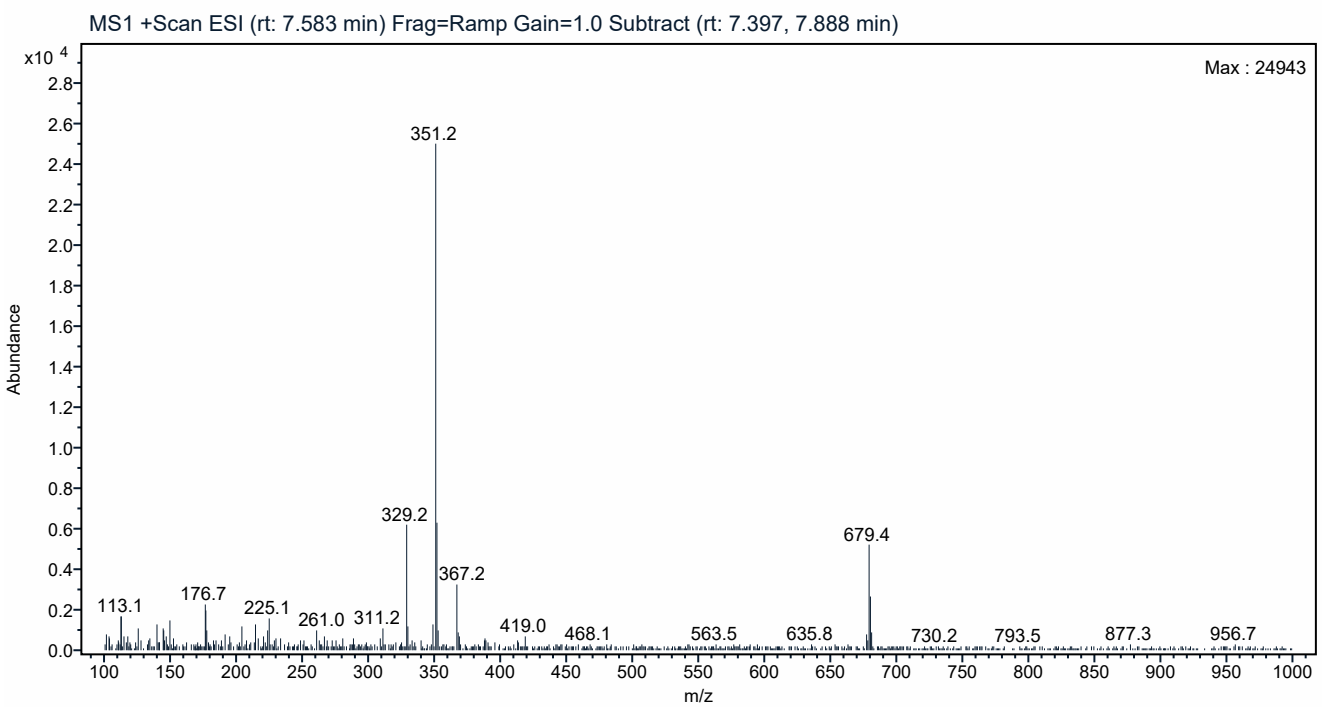


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(10).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-21 01:14:23-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(10).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.584

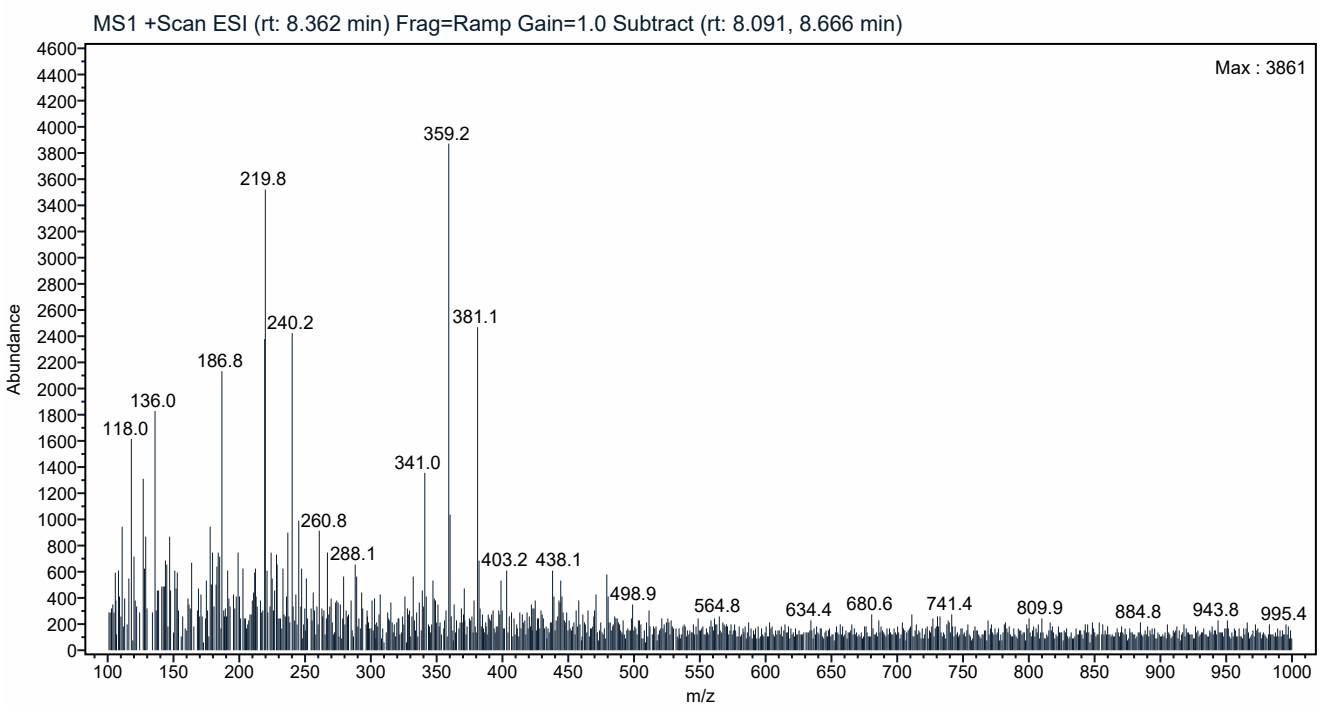


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(10).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-21 01:14:23-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(10).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.355



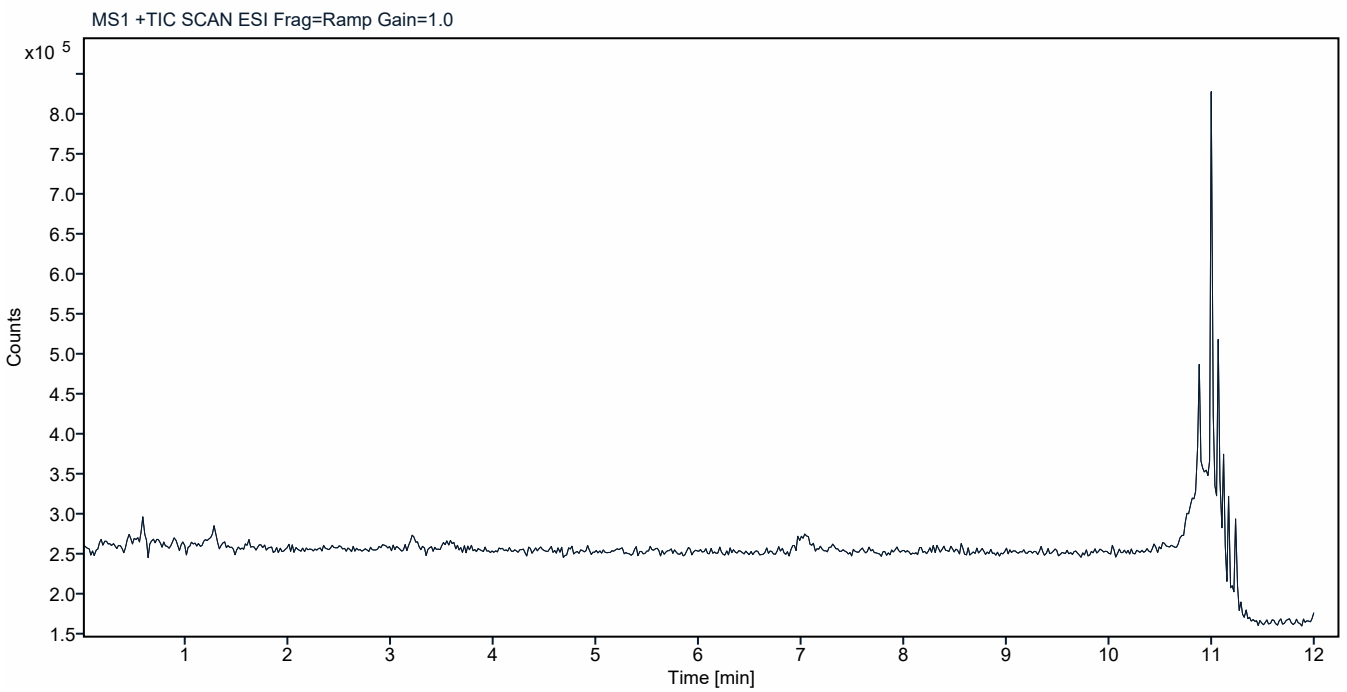
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.022	0.4228	3828148.1584	537981.3907	61.5290
7.194	0.3644	994166.3241	113360.3603	15.9790
7.584	0.5078	833466.4423	70764.3831	13.3961
8.355	0.5787	565921.2420	43136.8569	9.0959

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank for PM MeOH-ACN(11).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-21 02:22:20-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank for PM MeOH-ACN(11).sirslt

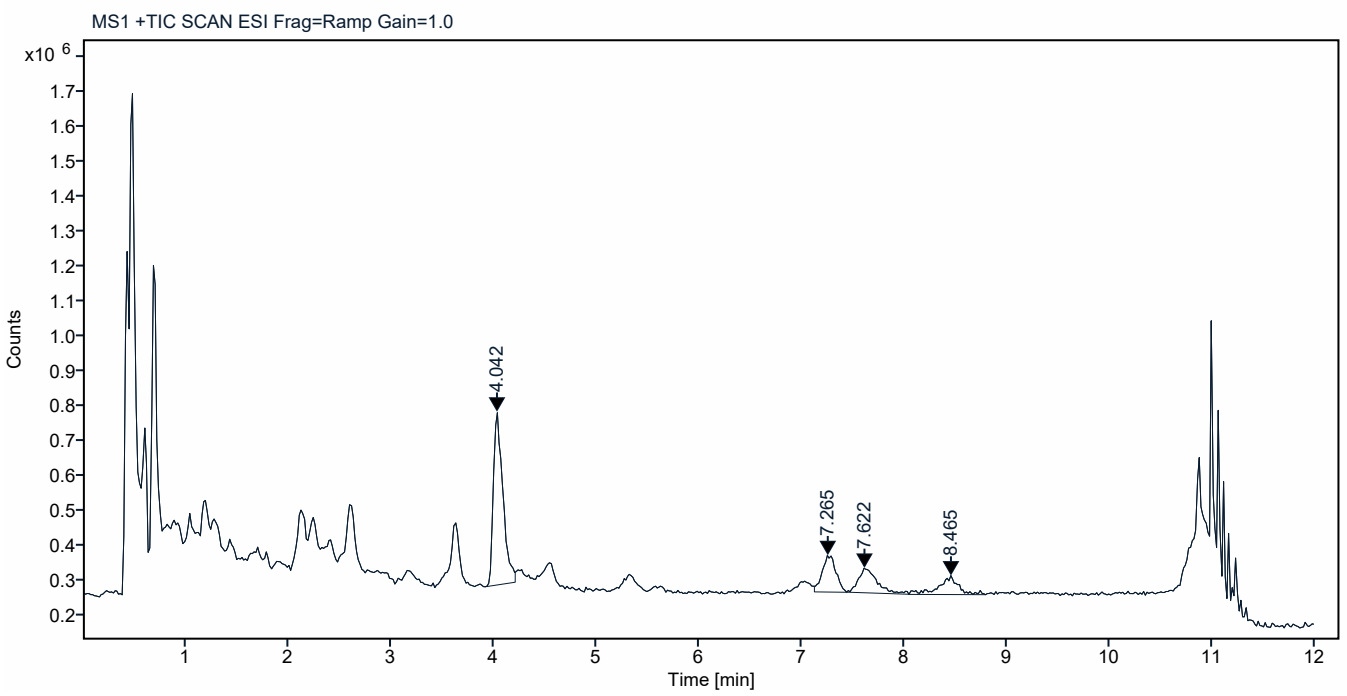


AK

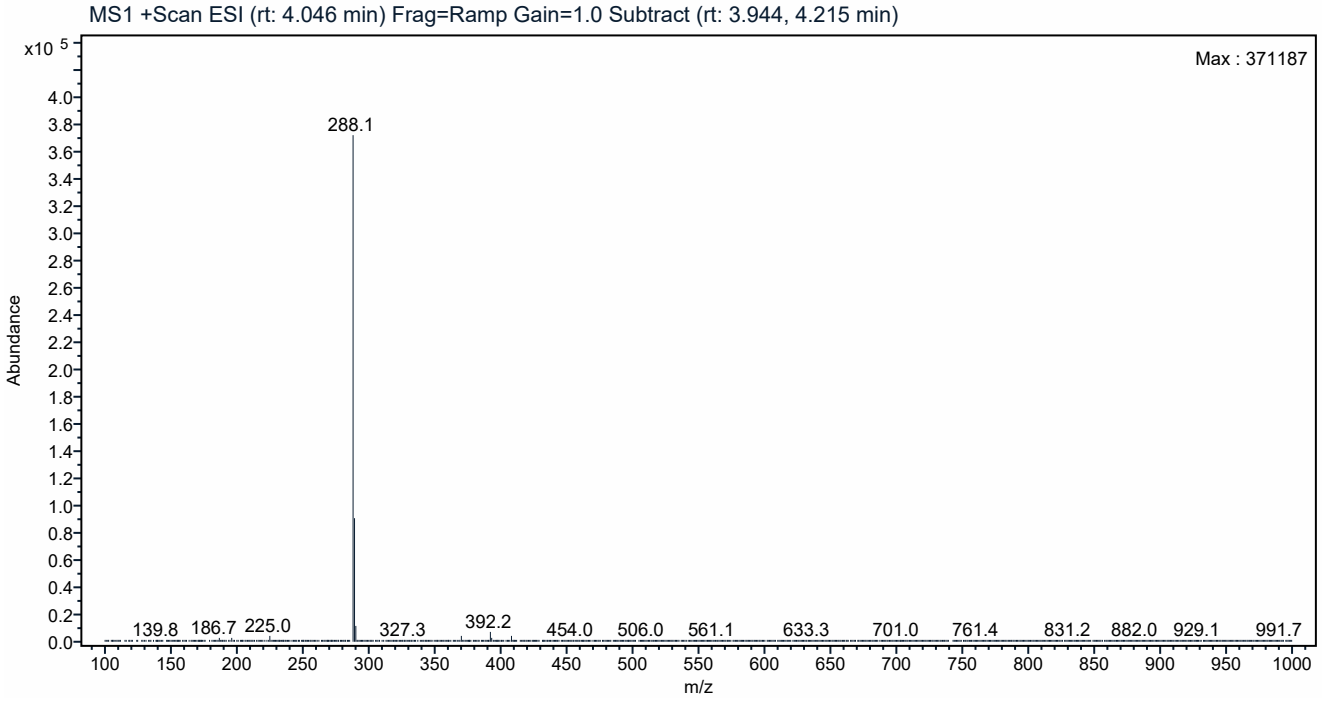
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(11).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-21 02:35:54-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(11).sirslt

Plant Material 32



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.042

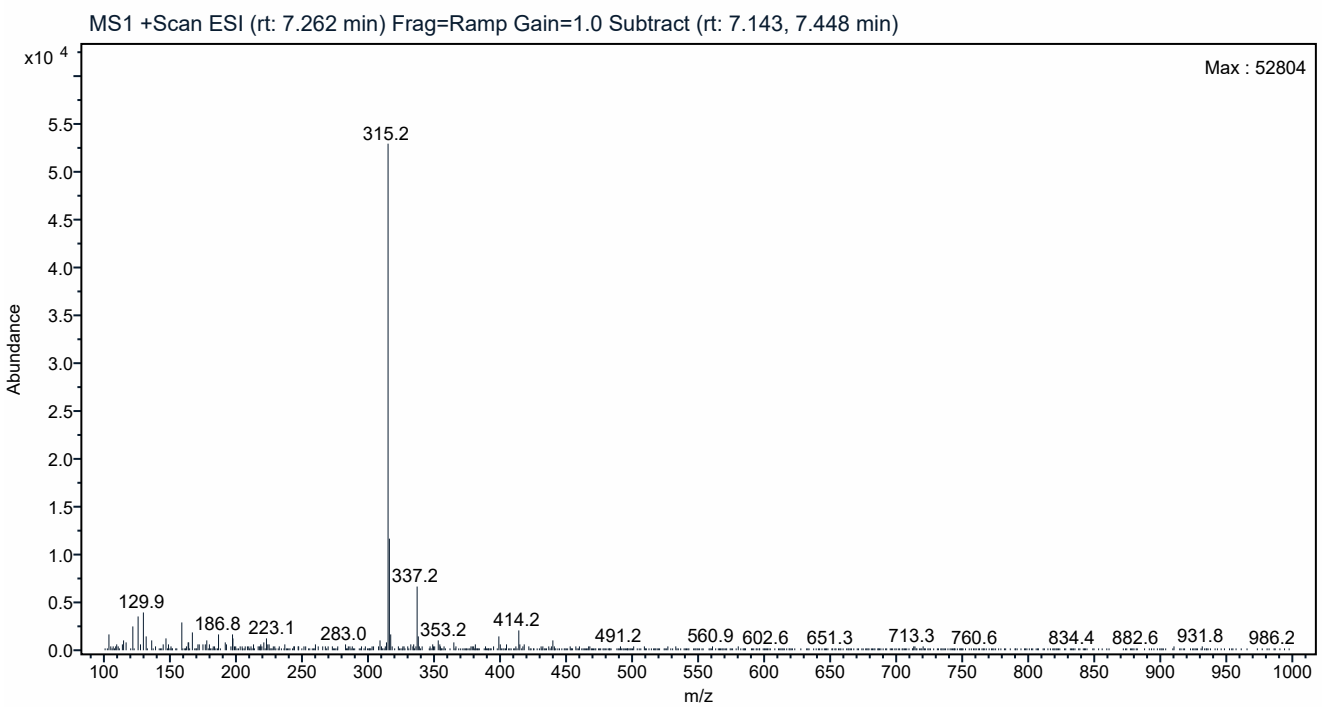


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(11).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-21 02:35:54-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(11).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.265

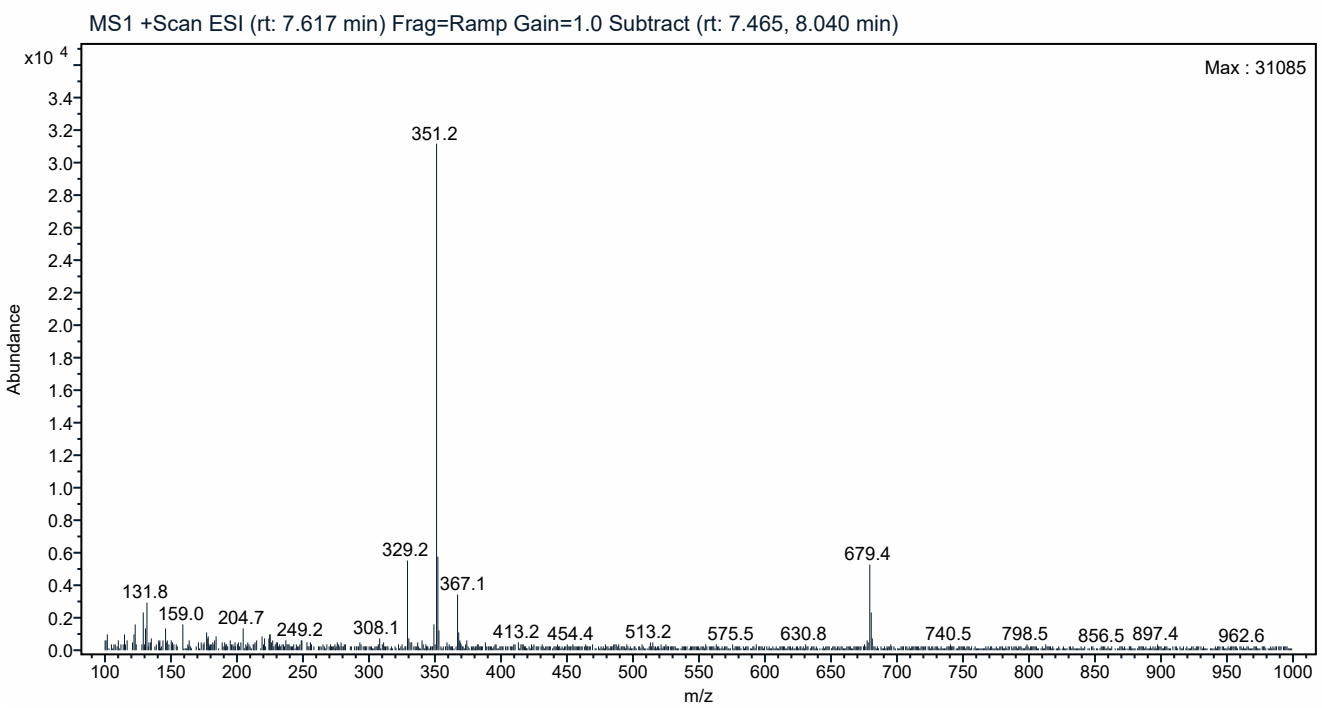


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(11).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-21 02:35:54-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(11).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.622

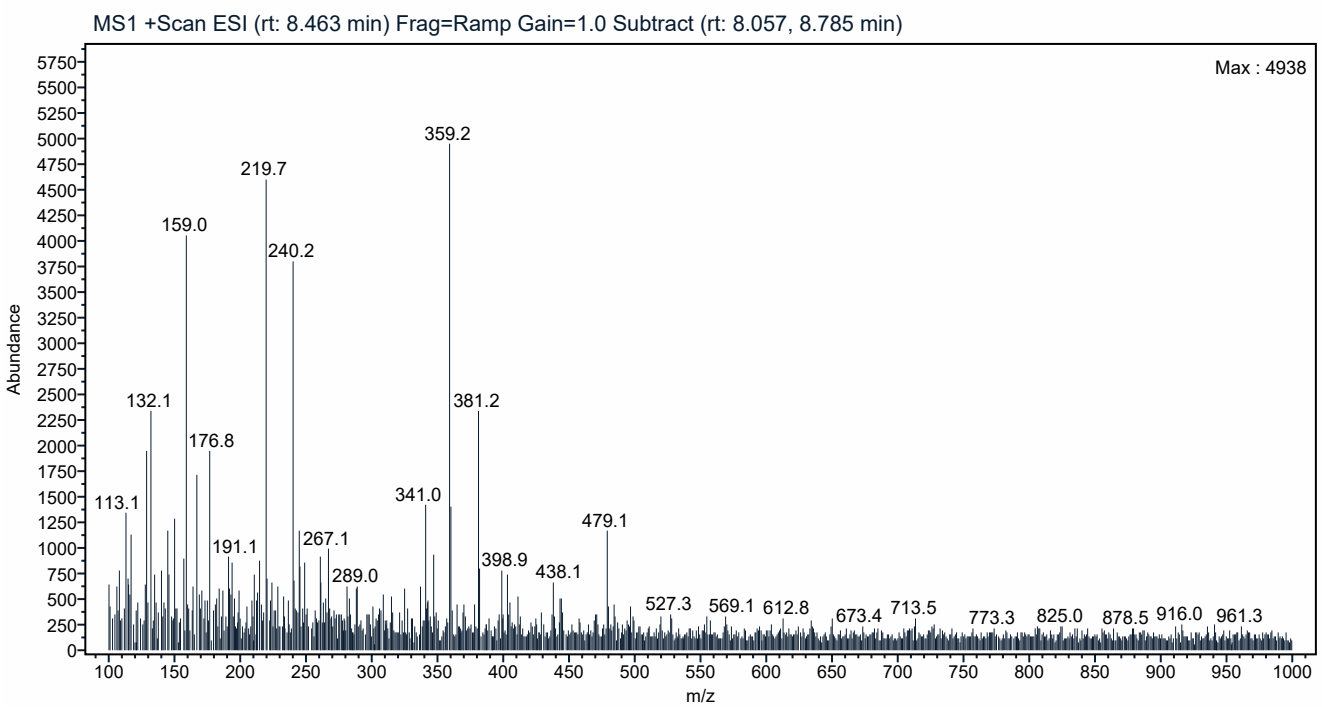


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(11).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-21 02:35:54-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(11).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.465



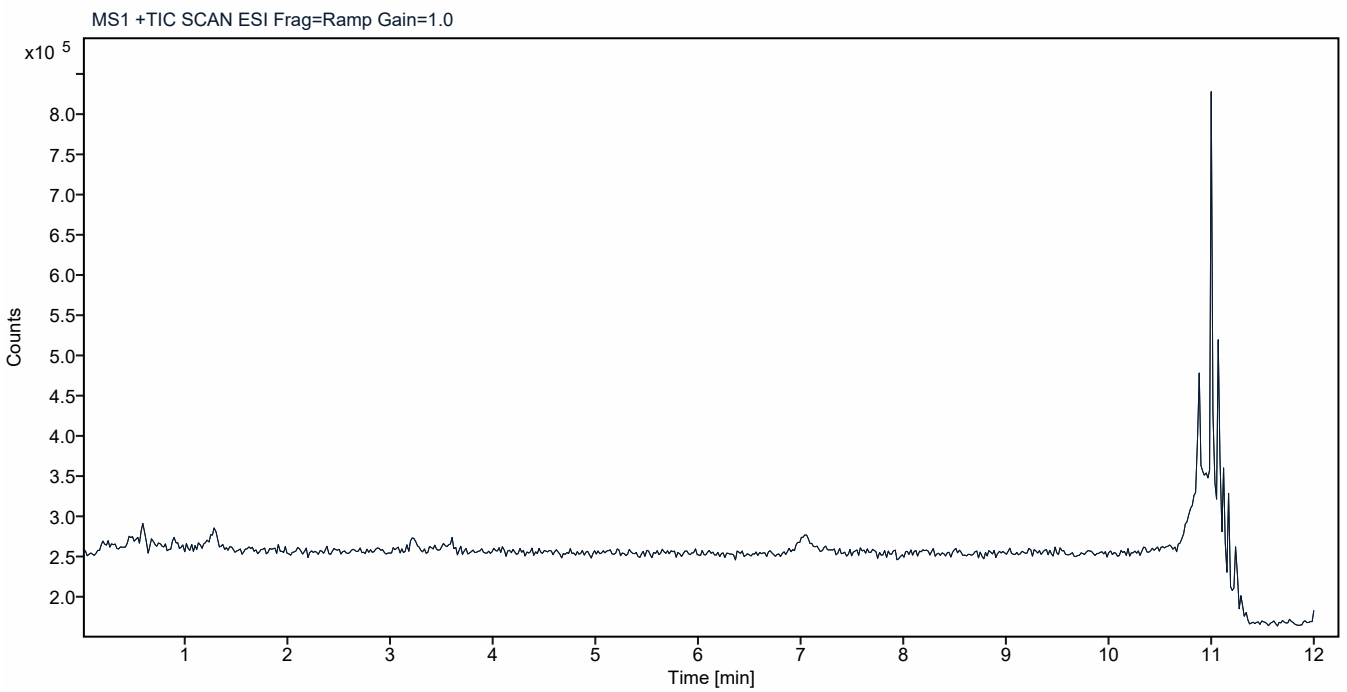
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.042	0.2925	3201469.0181	496357.7624	55.4212
7.265	0.3130	975480.1427	105361.1648	16.8867
7.622	0.6075	889521.1462	71173.8731	15.3987
8.465	0.7441	710146.9255	54373.8435	12.2935

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank for PM MeOH-ACN(12).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-21 03:43:50-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank for PM MeOH-ACN(12).sirslt

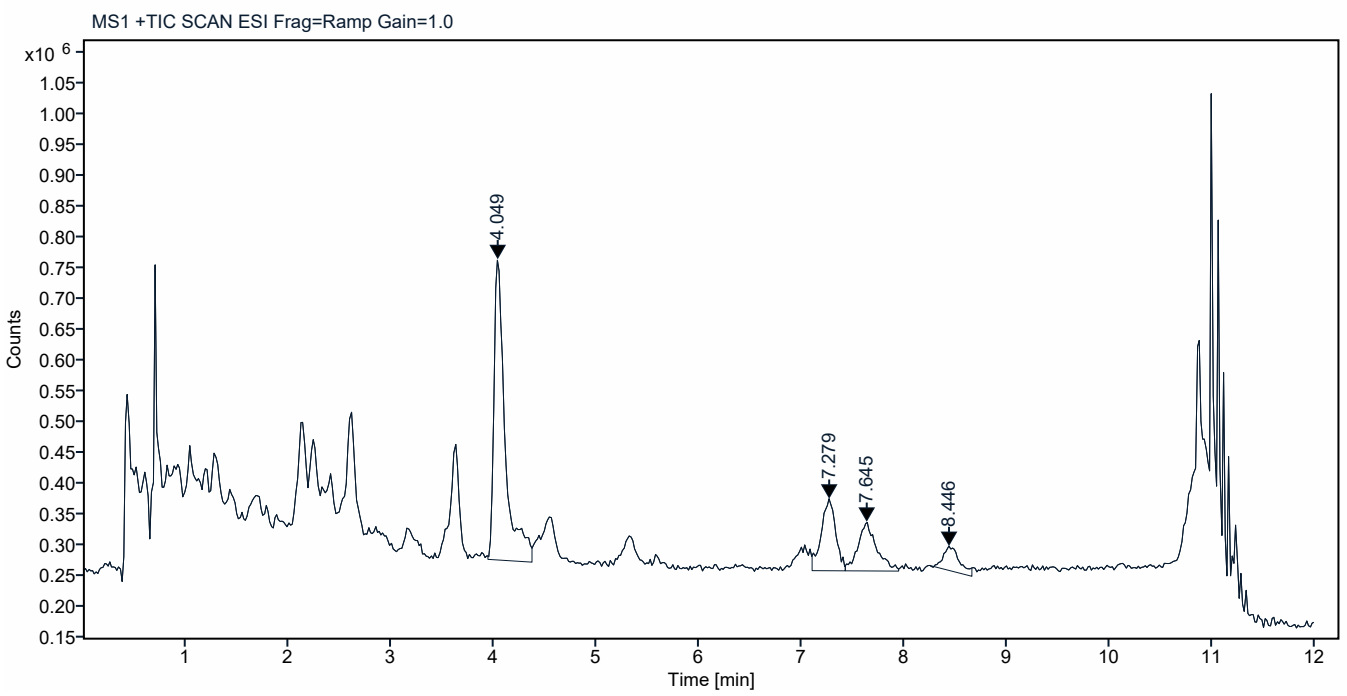


AK

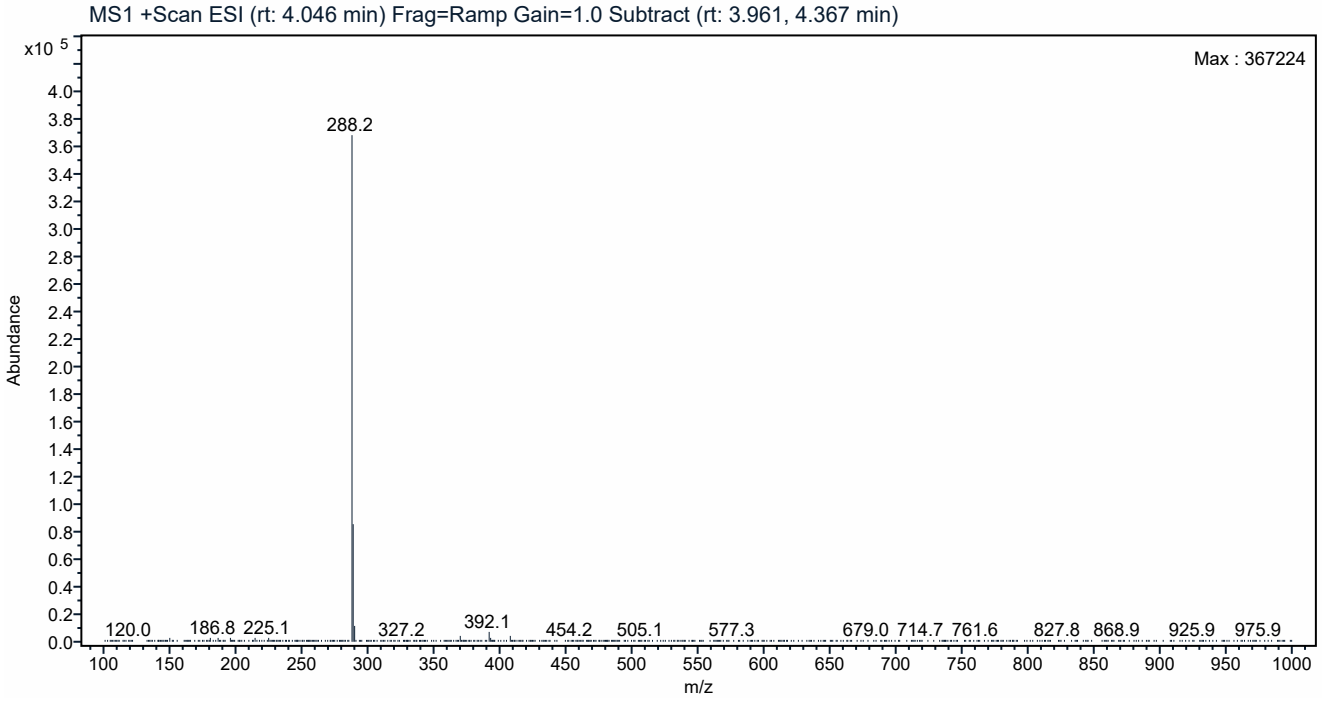
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(12).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-21 03:57:24-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(12).sirslt

Plant Material 33



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.049

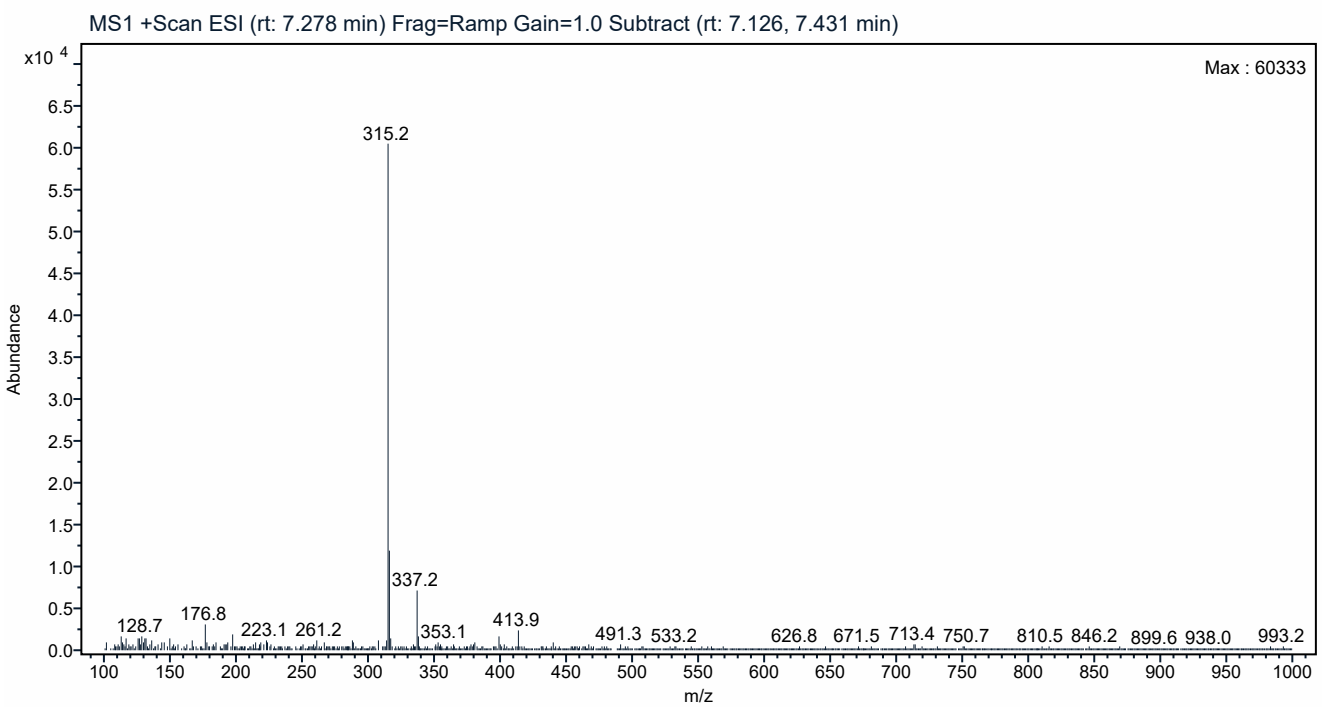


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(12).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-21 03:57:24-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(12).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.279

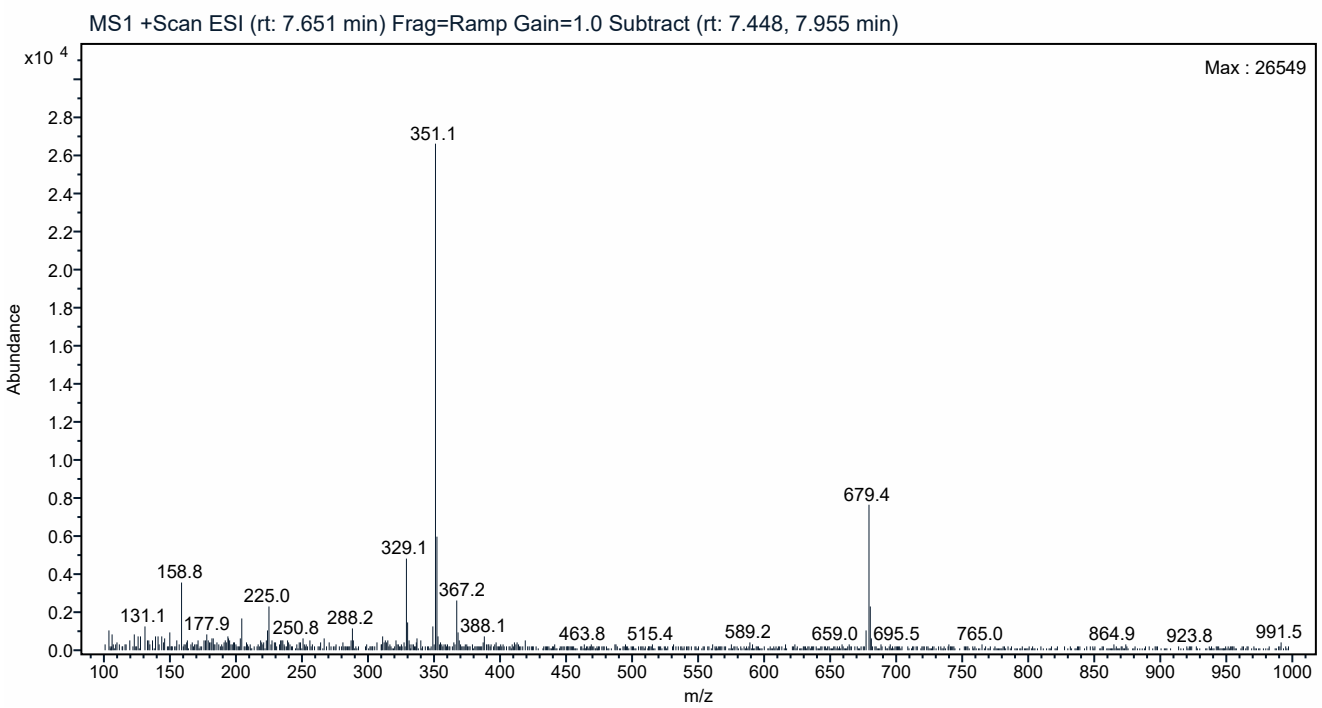


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(12).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-21 03:57:24-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(12).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.645

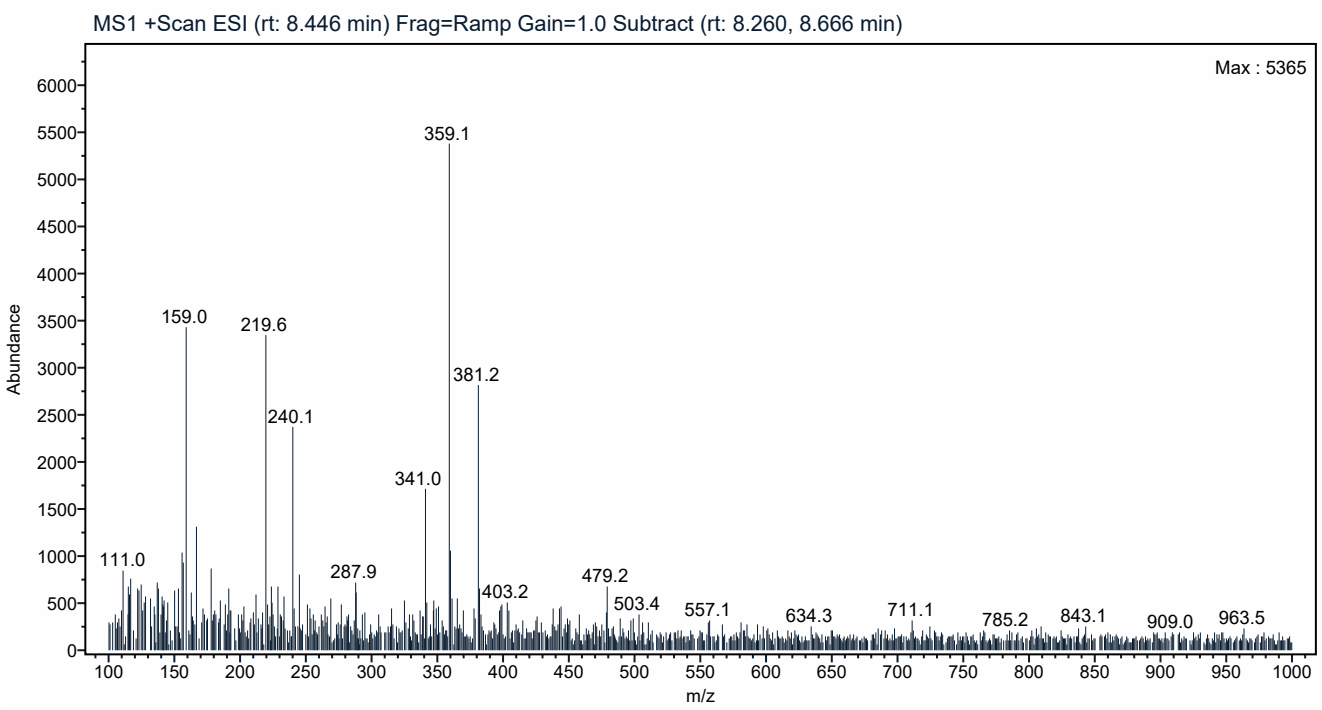


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(12).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-21 03:57:24-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(12).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.446



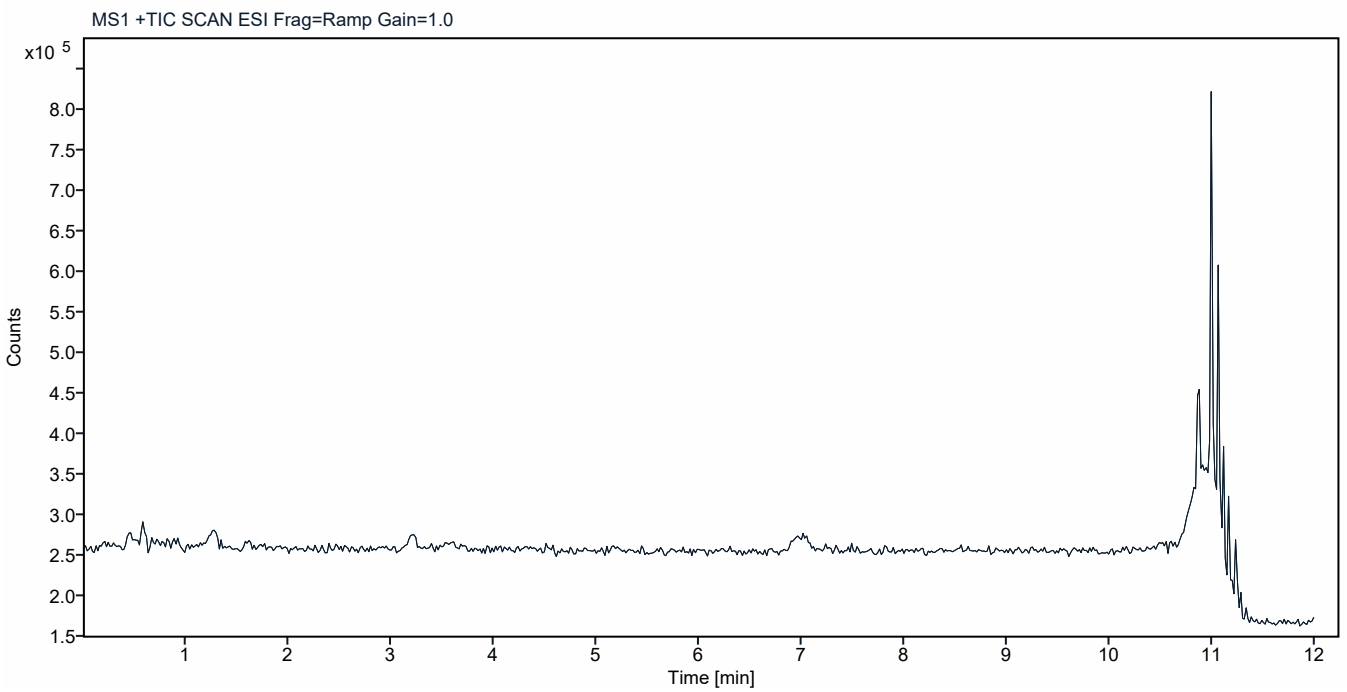
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.049	0.4298	3698328.9856	488492.7472	58.9585
7.279	0.3232	1142354.6707	116956.7078	18.2113
7.645	0.5203	995606.4221	79773.8542	15.8719
8.446	0.4113	436475.9847	39528.3211	6.9583

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank for PM MeOH-ACN(13).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-21 05:05:21-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank for PM MeOH-ACN(13).sirslt

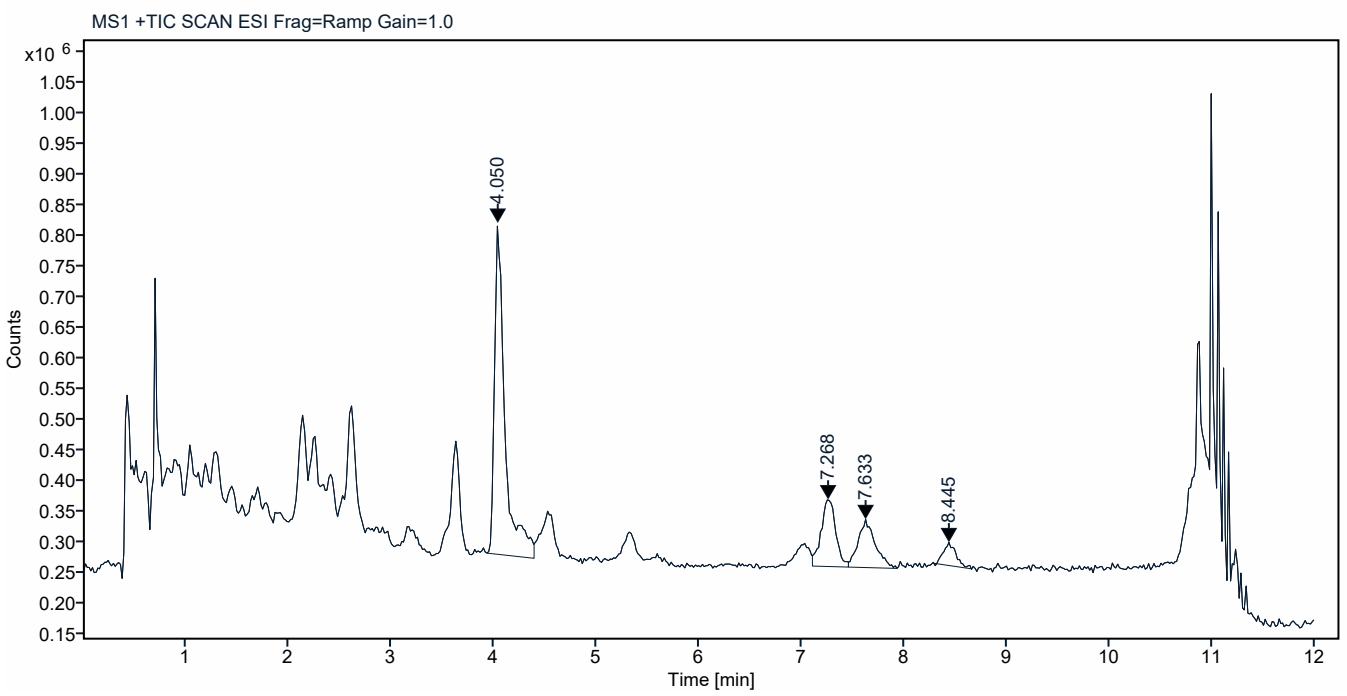


AK

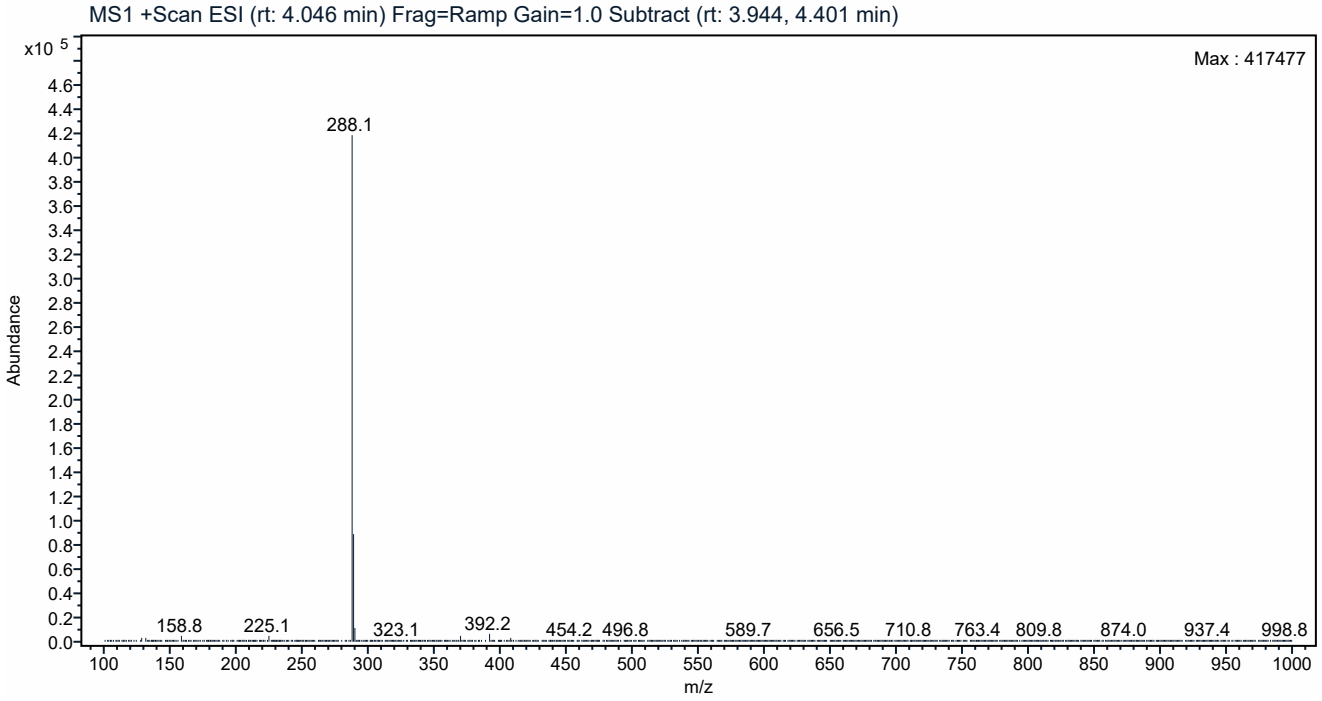
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN13).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-21 05:18:55-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN13).sirslt

Plant Material 34



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.050

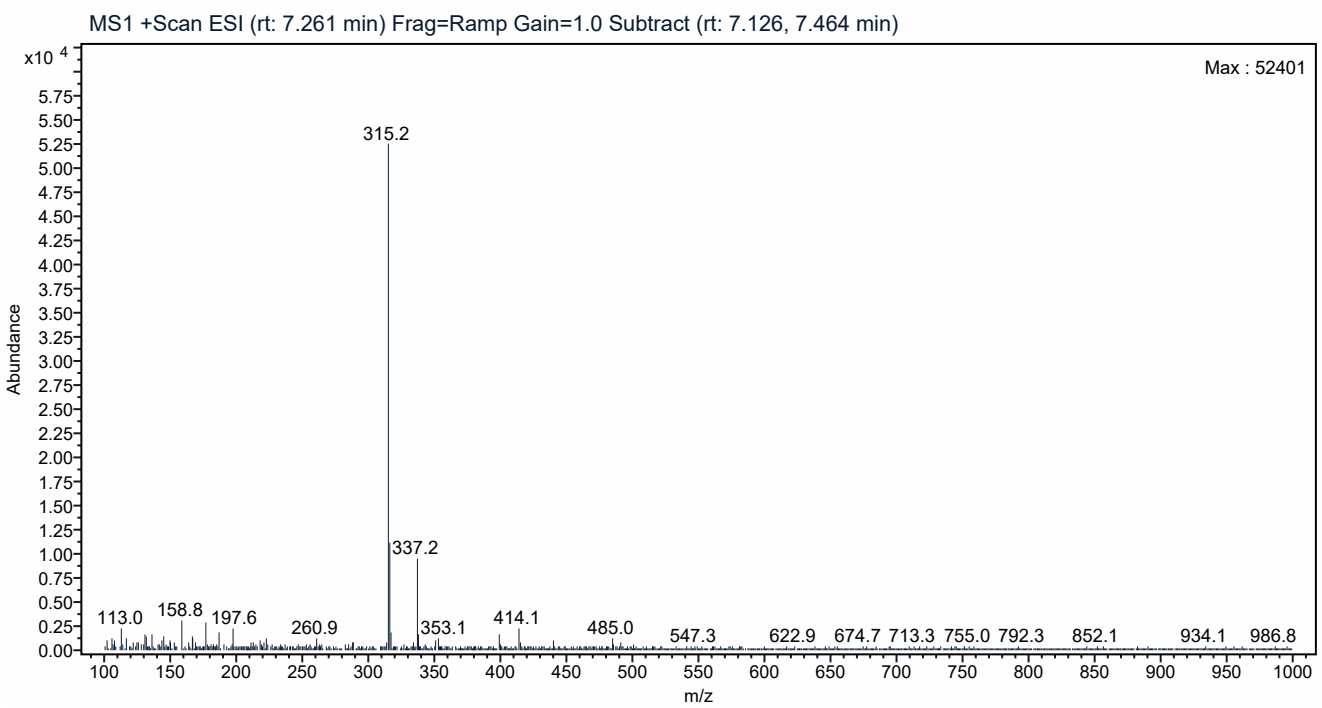


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN13).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-21 05:18:55-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN13).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.268

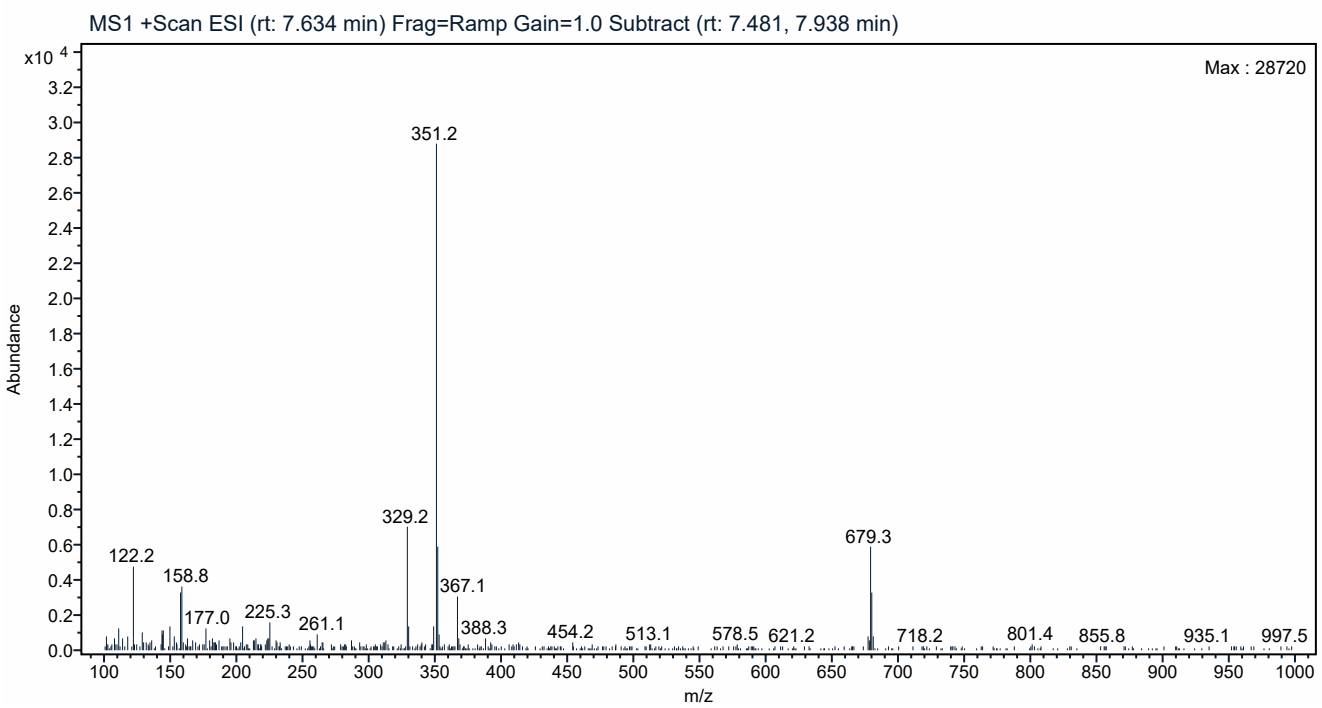


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN13).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-21 05:18:55-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN13).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.633

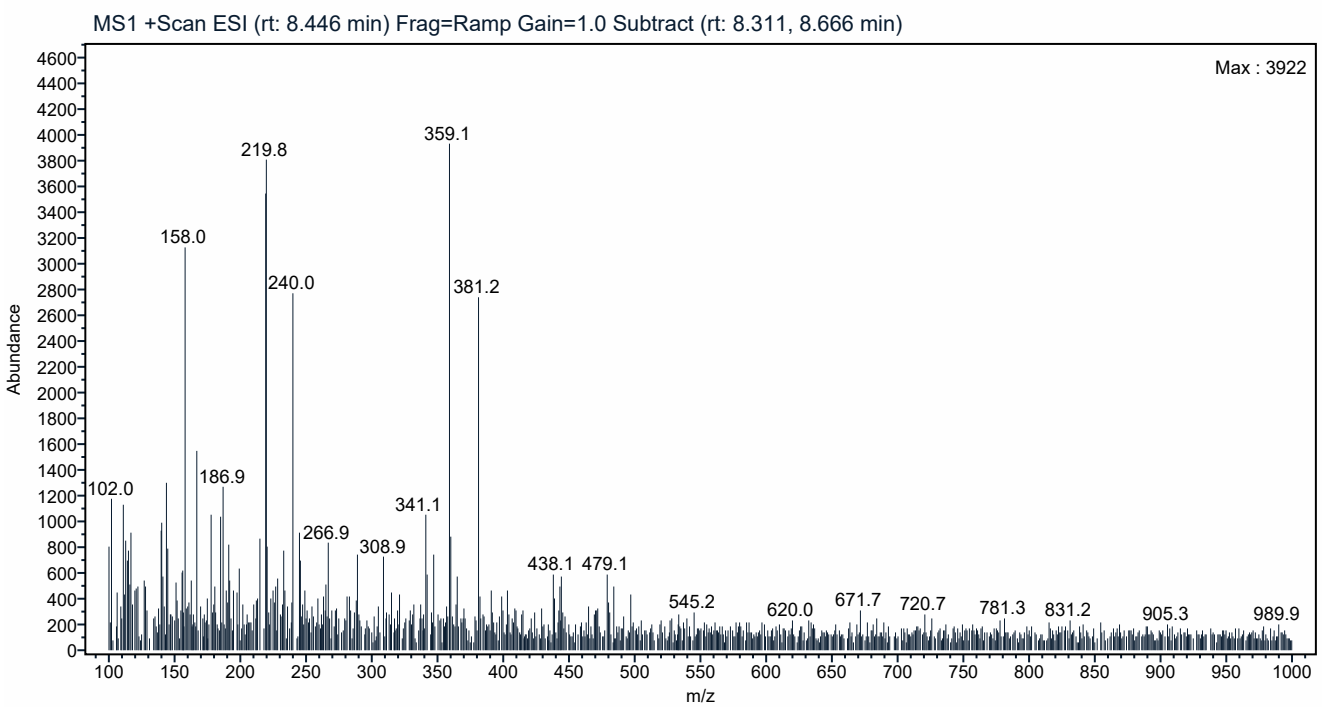


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN13).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-21 05:18:55-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN13).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.445



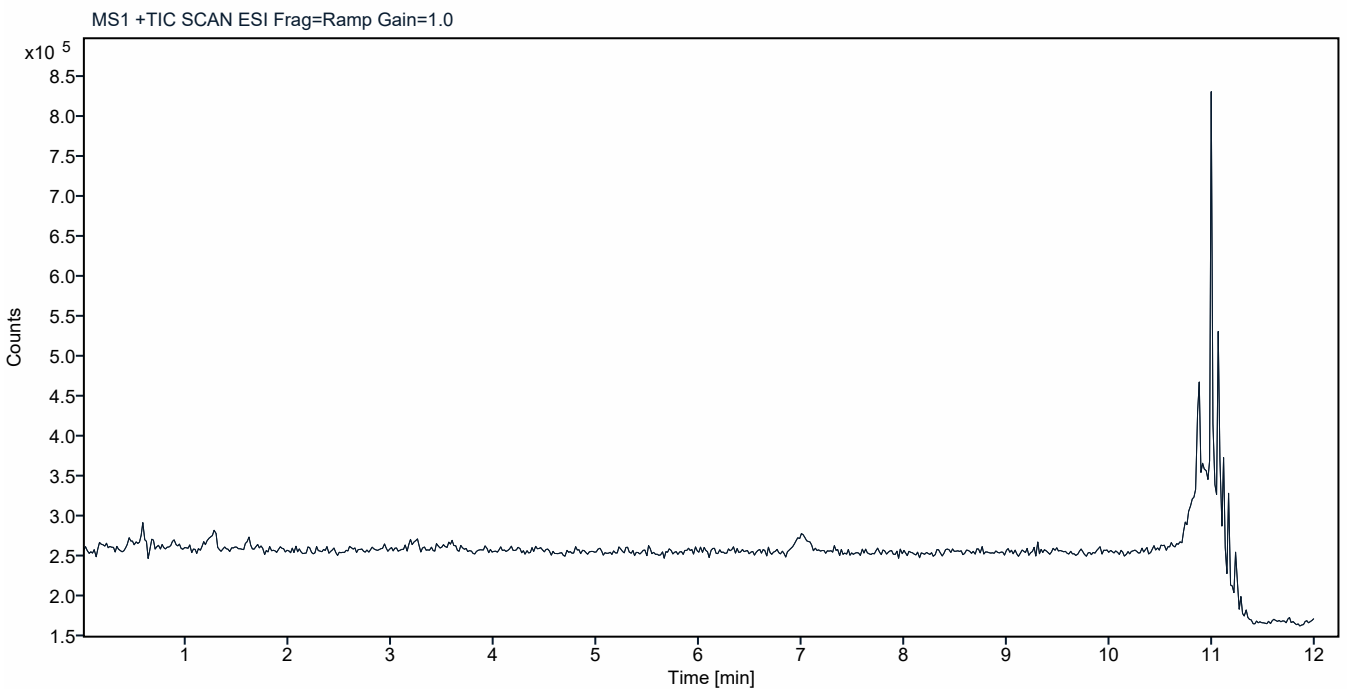
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.050	0.4594	3786399.5902	540742.9228	62.1544
7.268	0.3508	1086802.7993	109274.9278	17.8401
7.633	0.4724	901690.4603	78674.5460	14.8014
8.445	0.3702	317029.5620	37729.3785	5.2041

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank for PM MeOH-ACN(14).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-21 06:26:51-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank for PM MeOH-ACN(14).sirslt

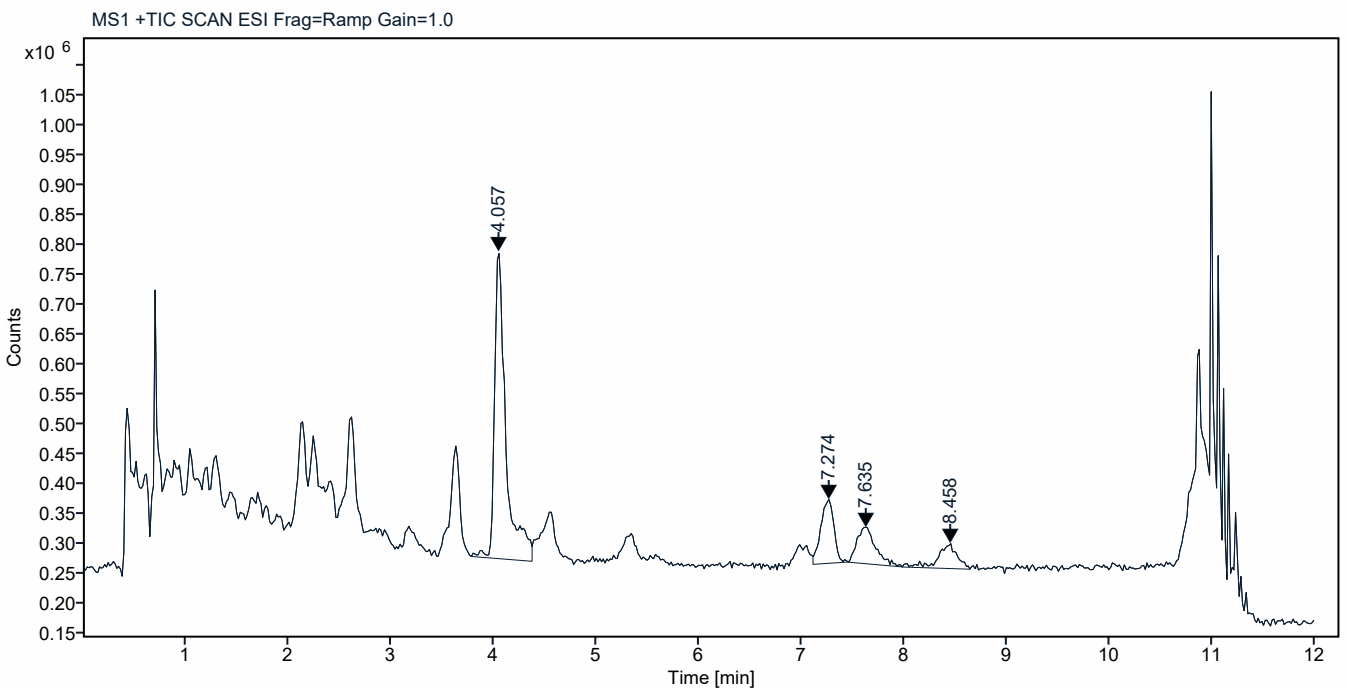


AK

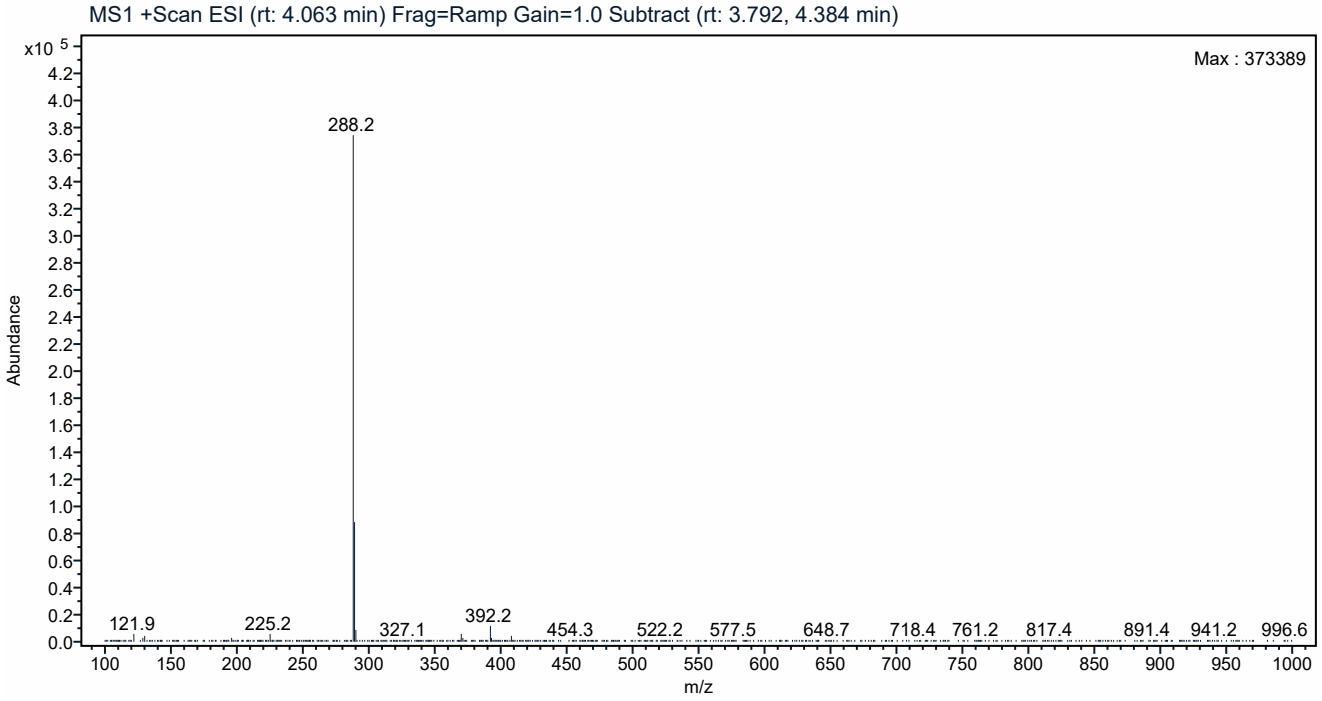
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(14).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-21 06:40:24-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(14).sirslt

Plant Material 35



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.057

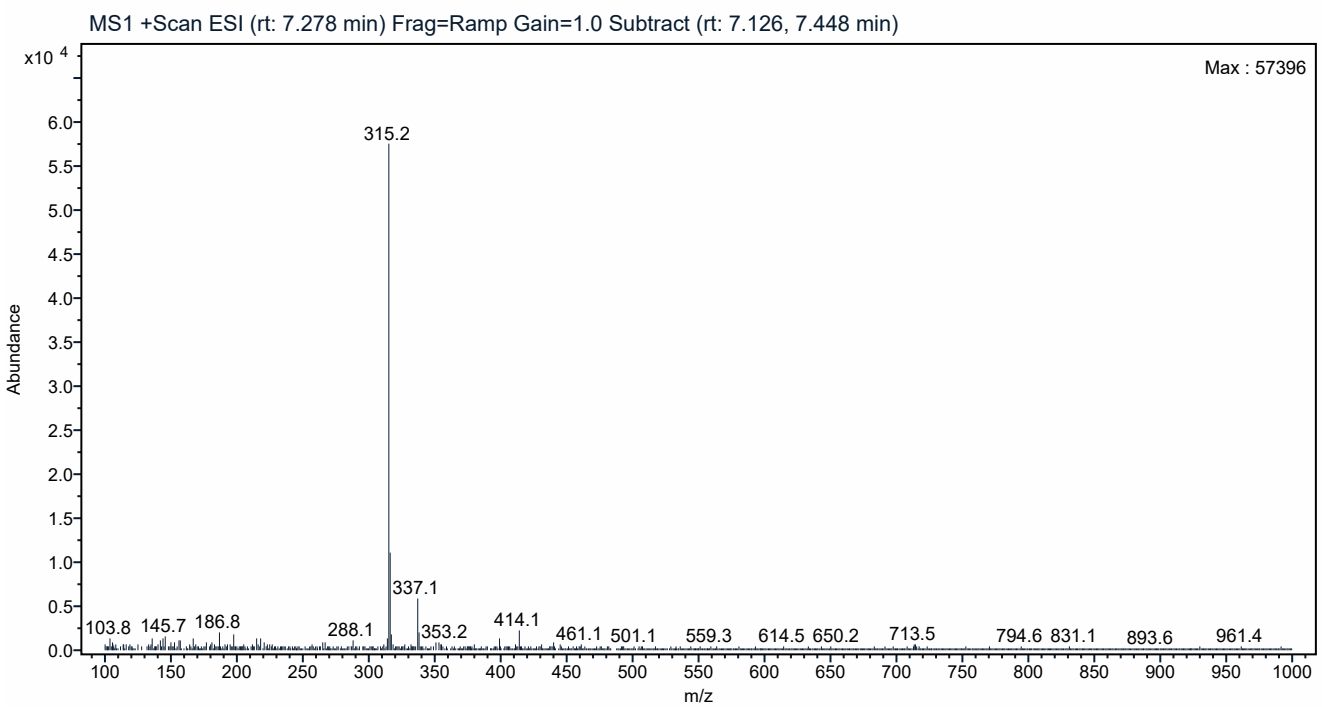


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(14).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-21 06:40:24-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(14).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.274

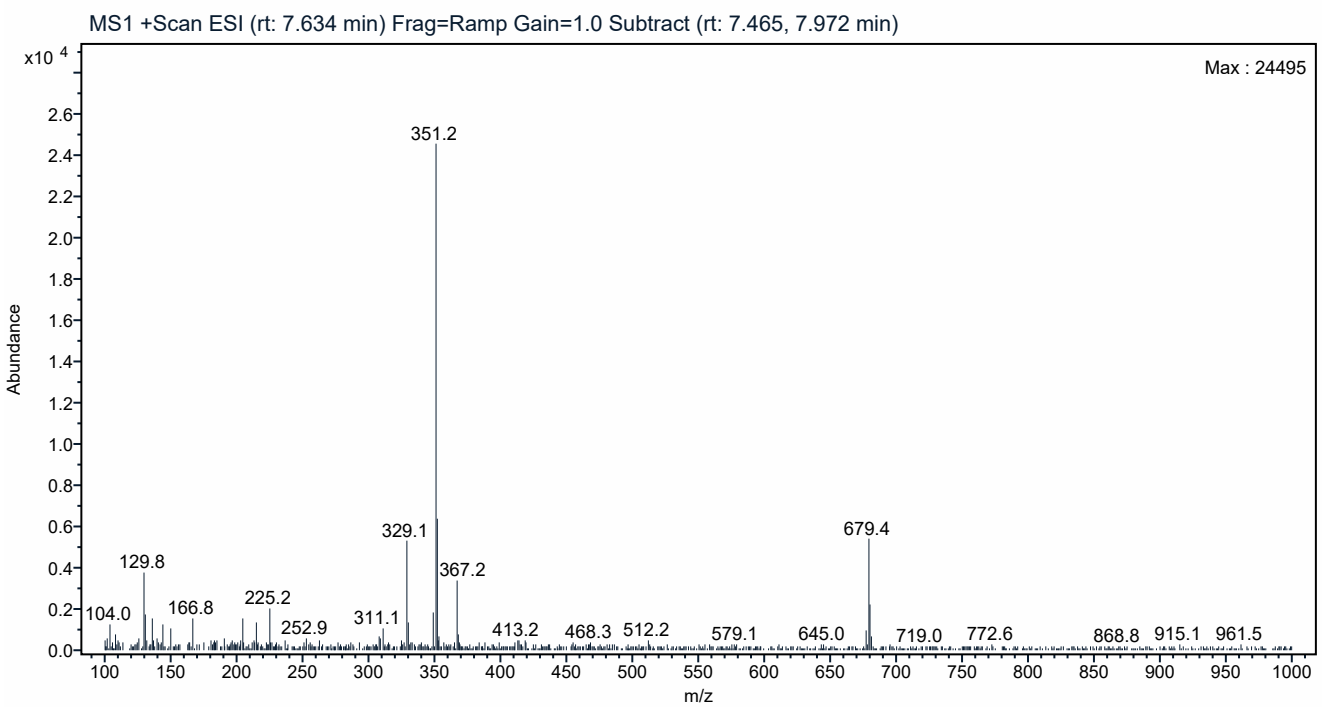


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(14).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-21 06:40:24-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(14).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.635

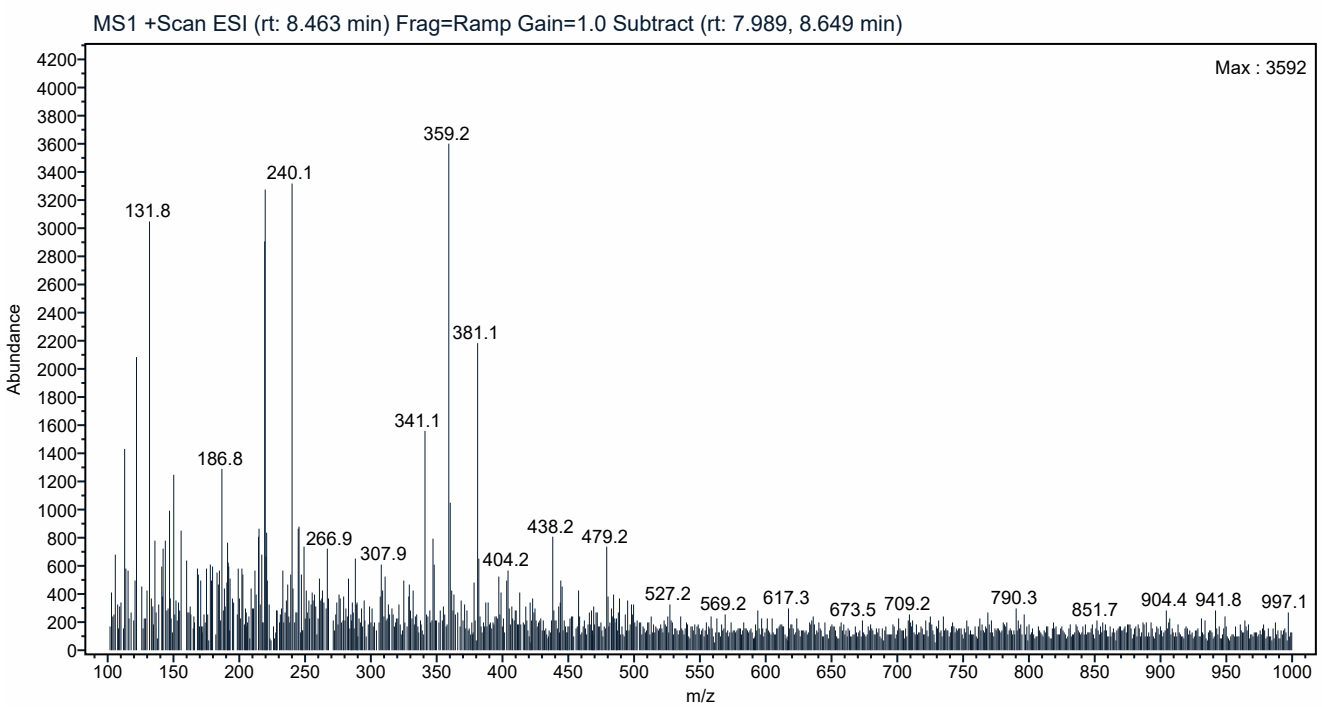


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(14).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-21 06:40:24-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(14).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.458



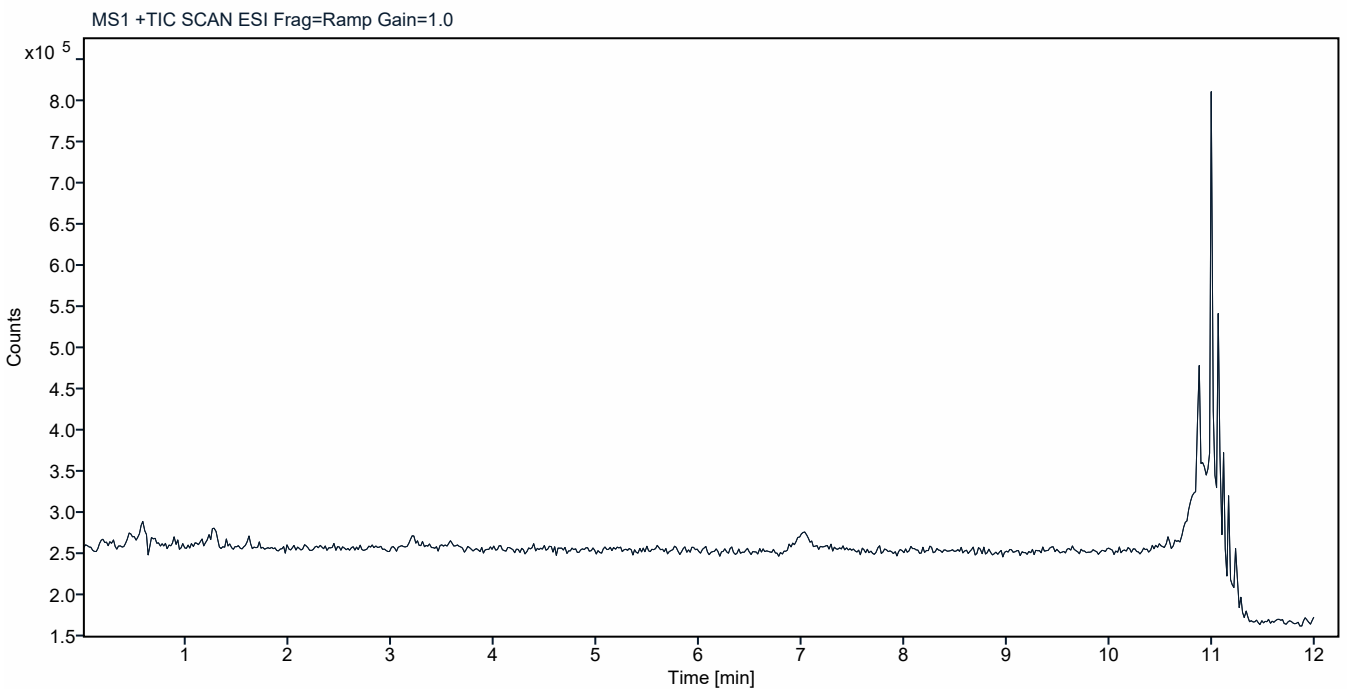
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.057	0.5925	3925571.4963	513987.6706	63.4432
7.274	0.3420	949485.0477	107113.9860	15.3451
7.635	0.5239	769592.0464	61016.6973	12.4378
8.458	0.6601	542884.0283	42432.5969	8.7738

AK

Analysis Report

Sample Name	Blank for Plant material (241440025-1) MeOH/ACN	Injection Data File Name	Blank for PM MeOH-ACN(15).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-d1	Injection Acquired Date	2024-11-21 07:48:21-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\Blank for PM MeOH-ACN(15).sirslt

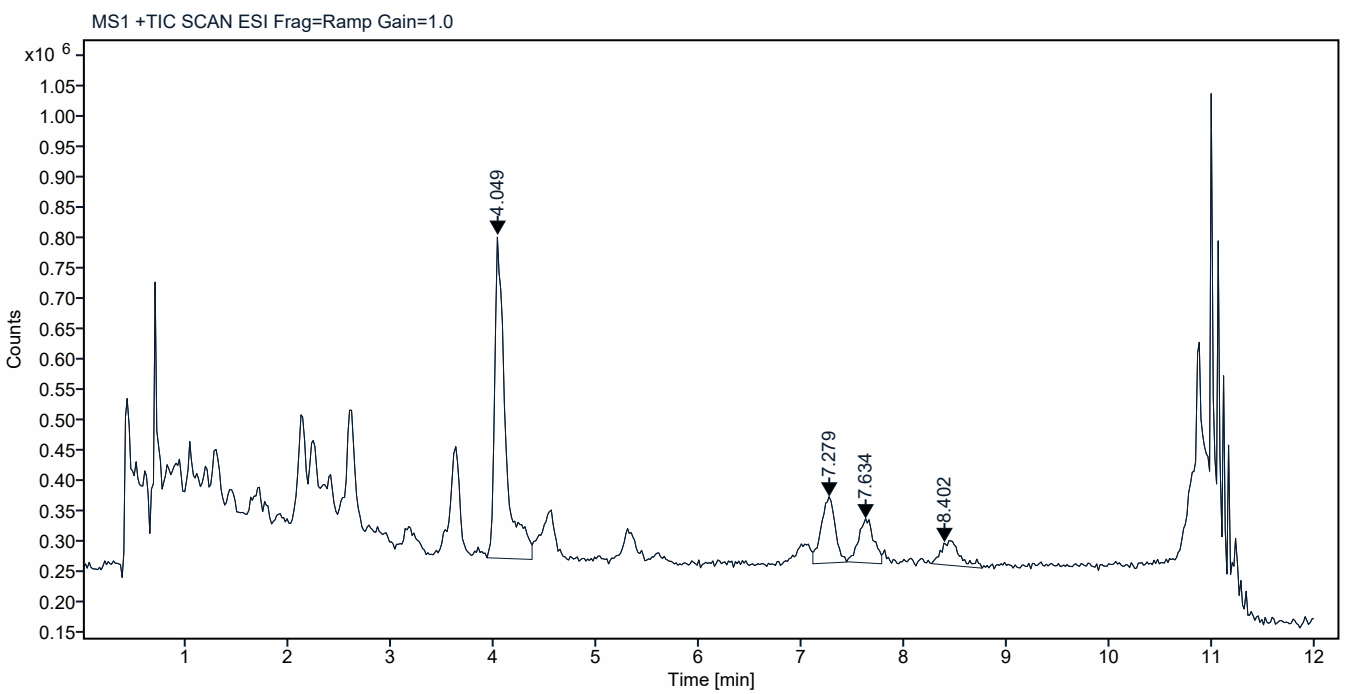


AK

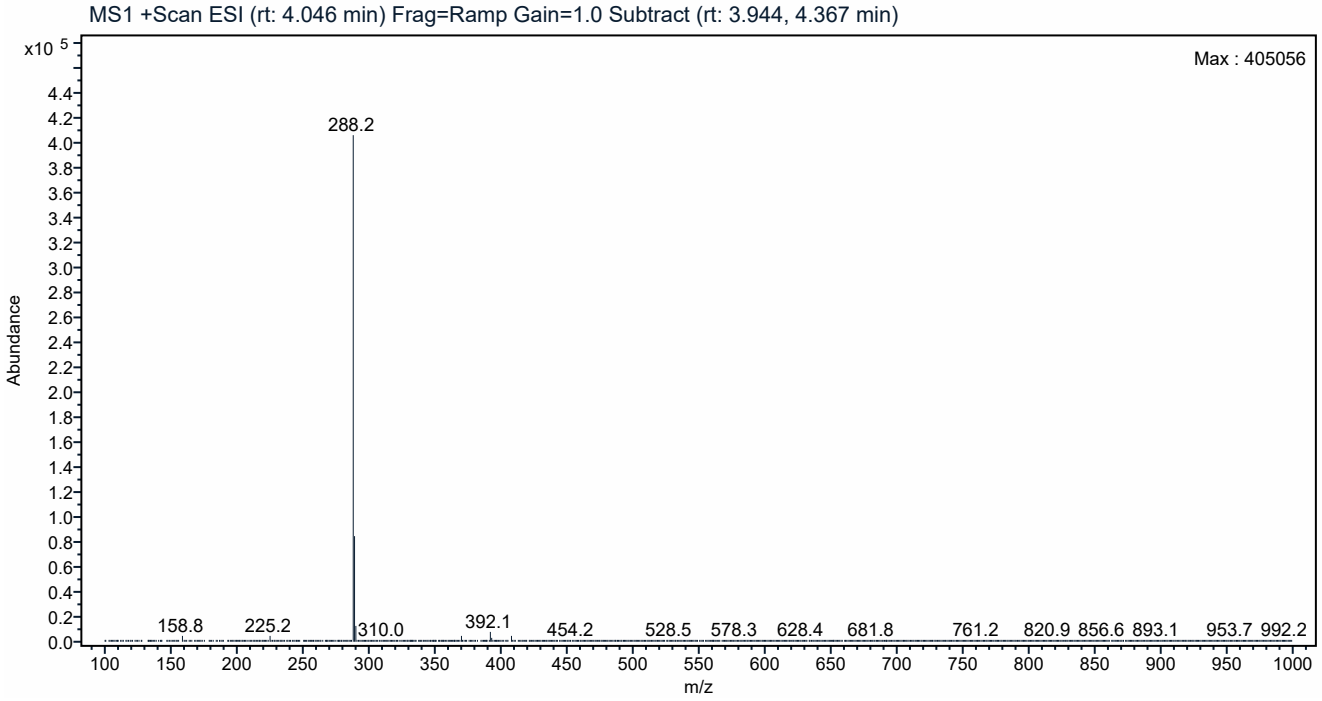
Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(15).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-21 08:01:55-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(15).sirslt

Plant Material 36



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 4.049

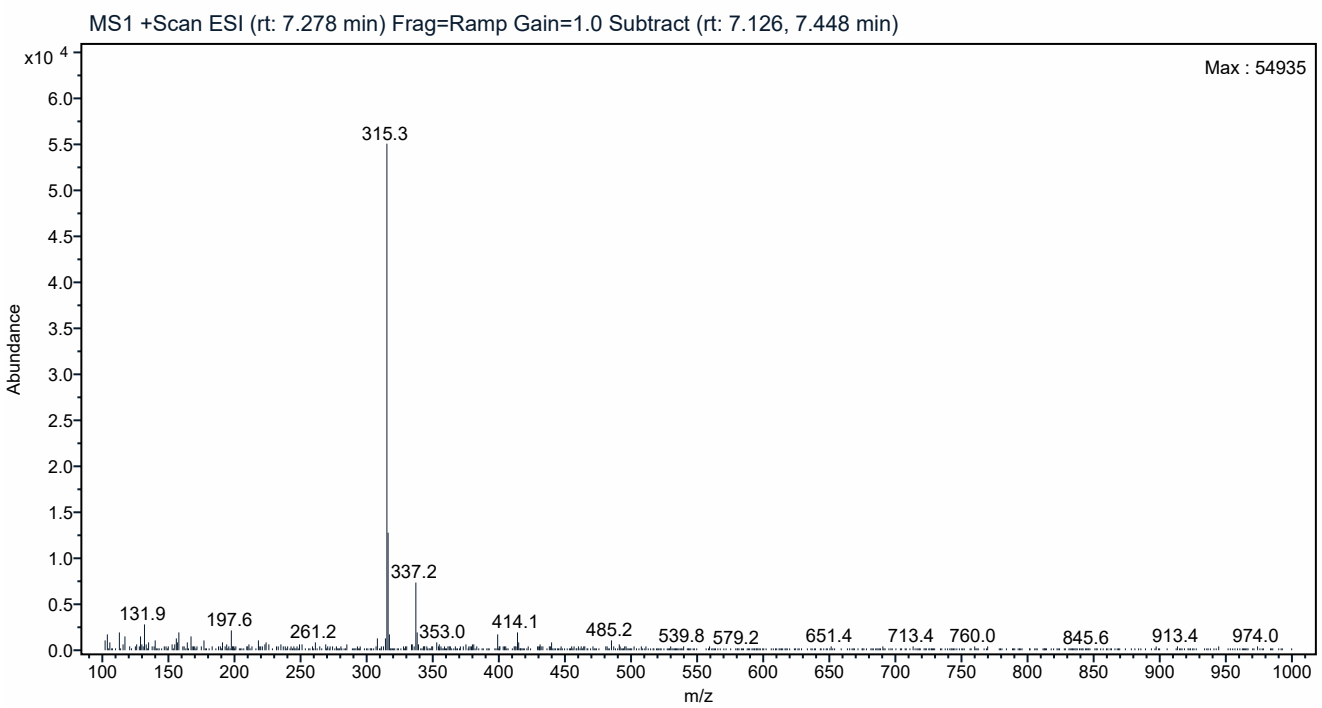


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(15).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-21 08:01:55-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(15).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.279

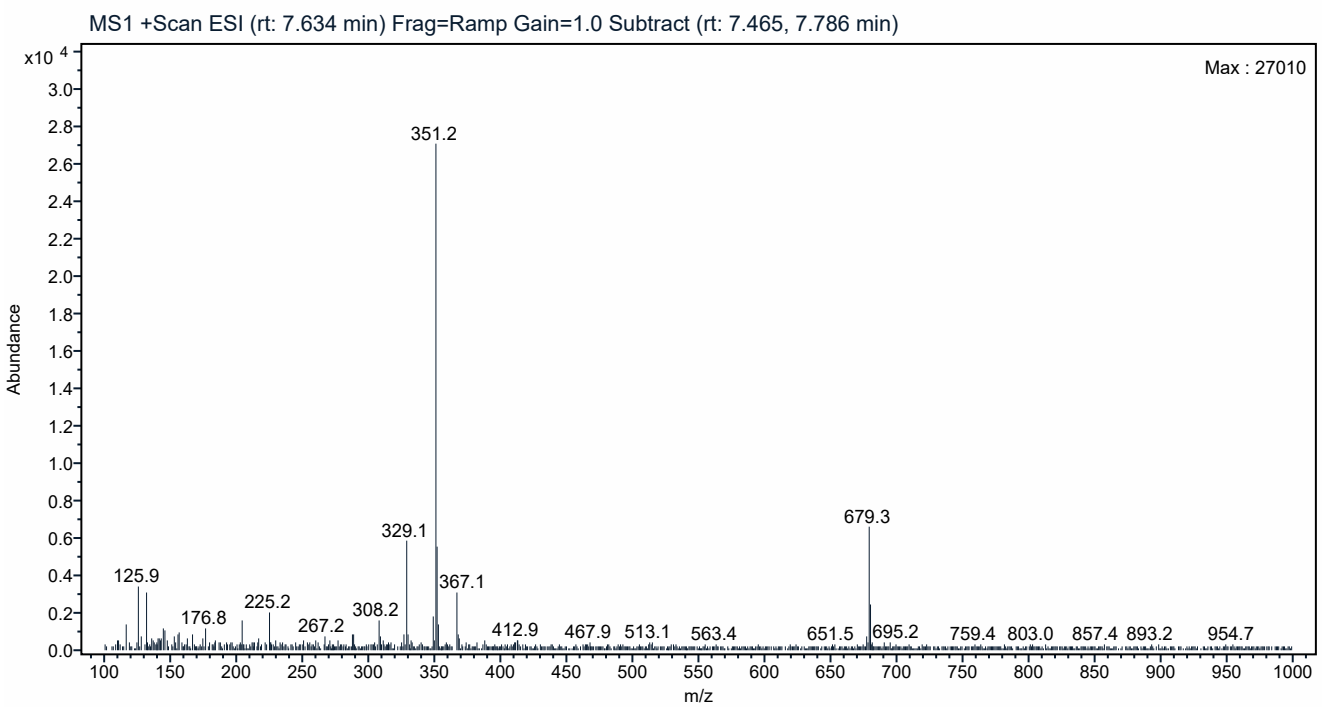


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(15).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-21 08:01:55-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(15).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.634

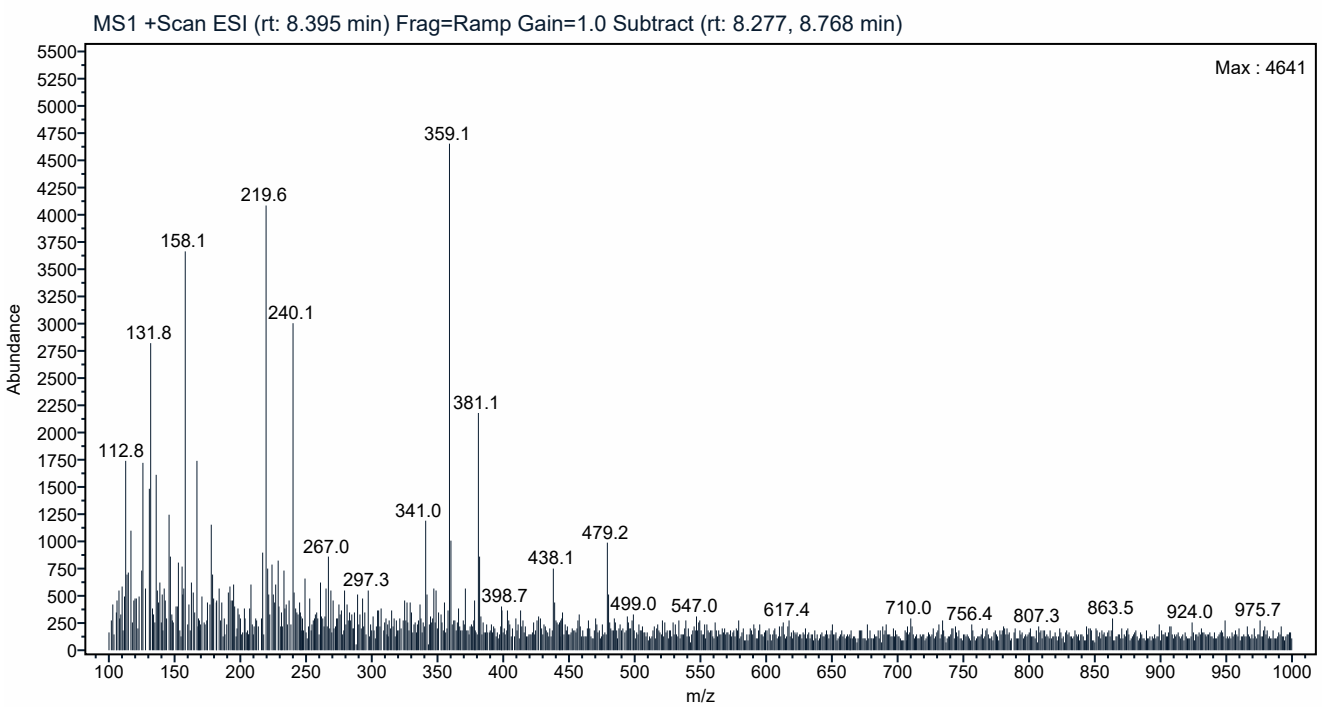


AK

Analysis Report

Sample Name	Plant material (241440025-1) 26uL in 2mL MeOH/ACN	Injection Data File Name	PM 26uL in 2mL MeOH-ACN(15).dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-a2	Injection Acquired Date	2024-11-21 08:01:55-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\11-20-24\PM 26uL in 2mL MeOH-ACN(15).sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.402



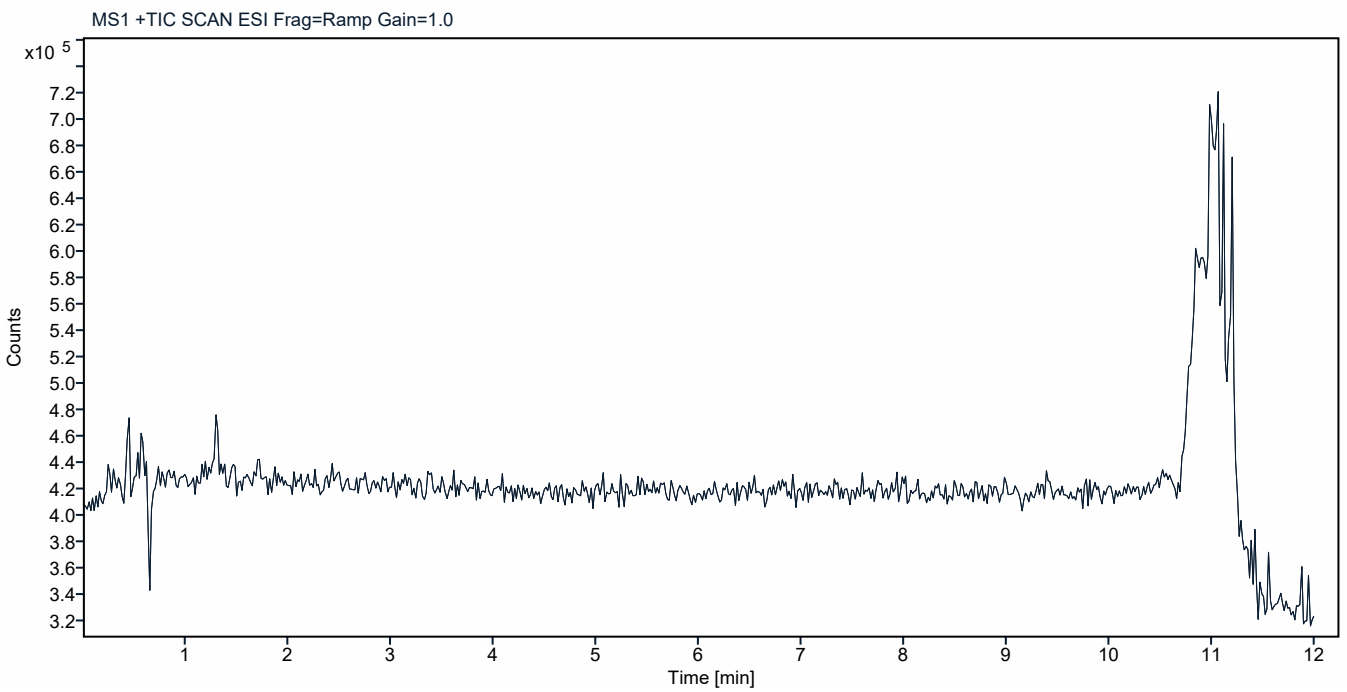
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
4.049	0.4400	3871973.9693	532356.3023	62.7983
7.279	0.3280	1026315.1998	109090.7302	16.6455
7.634	0.3411	747889.7685	72864.0152	12.1298
8.402	0.4908	519550.5416	37032.3590	8.4264

AK

Analysis Report

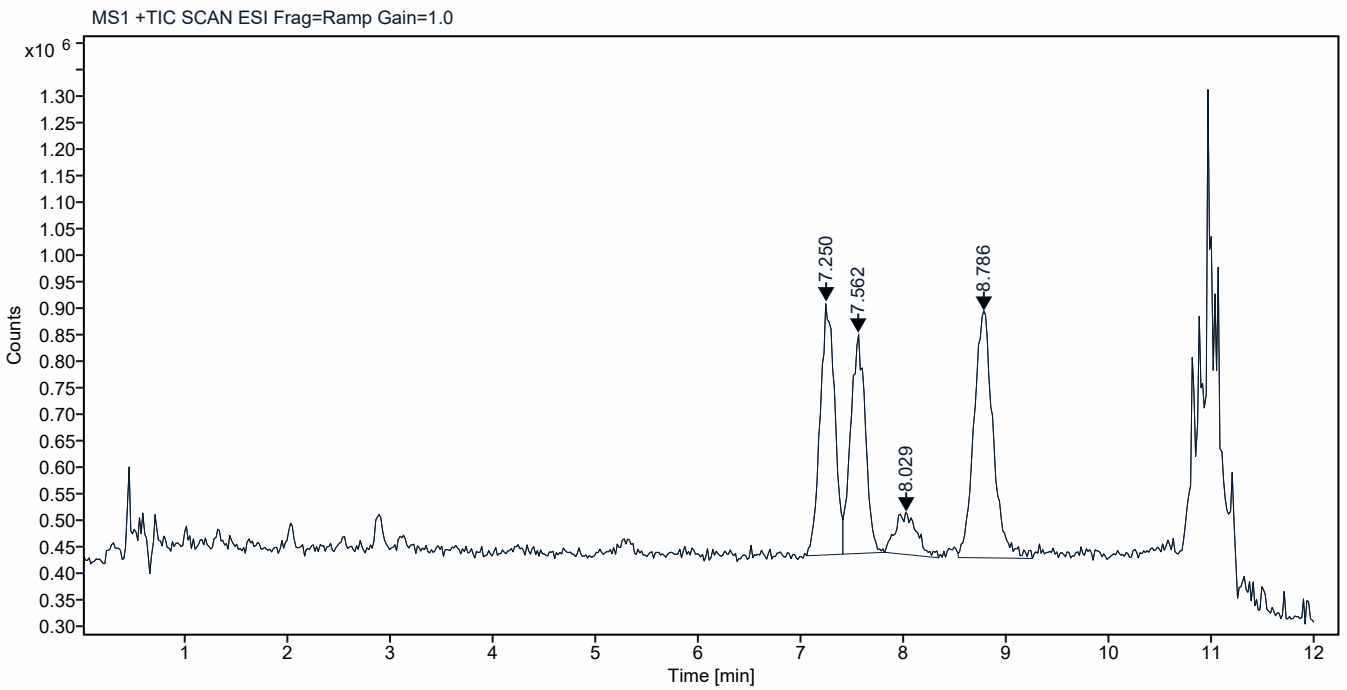
Sample Name	Blank	Injection Data File Name	Blank 1.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-F1	Injection Acquired Date	2024-12-13 07:59:40-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-13-24\Blank 1.sirslt



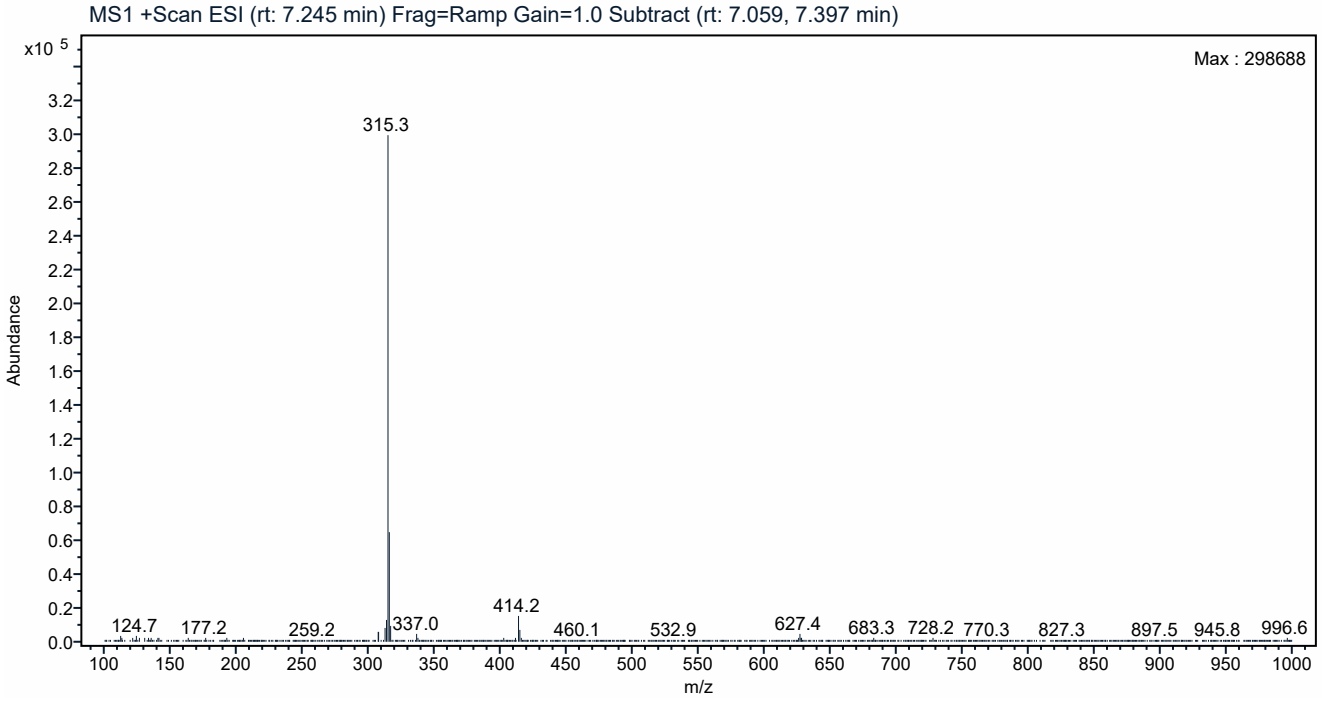
AK

Analysis Report

Sample Name	Delta 8 9 and 10	Injection Data File Name	Delta 8 9 10.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-F4	Injection Acquired Date	2024-12-13 09:07:40-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-13-24\Delta 8 9 10.sirslt



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.250

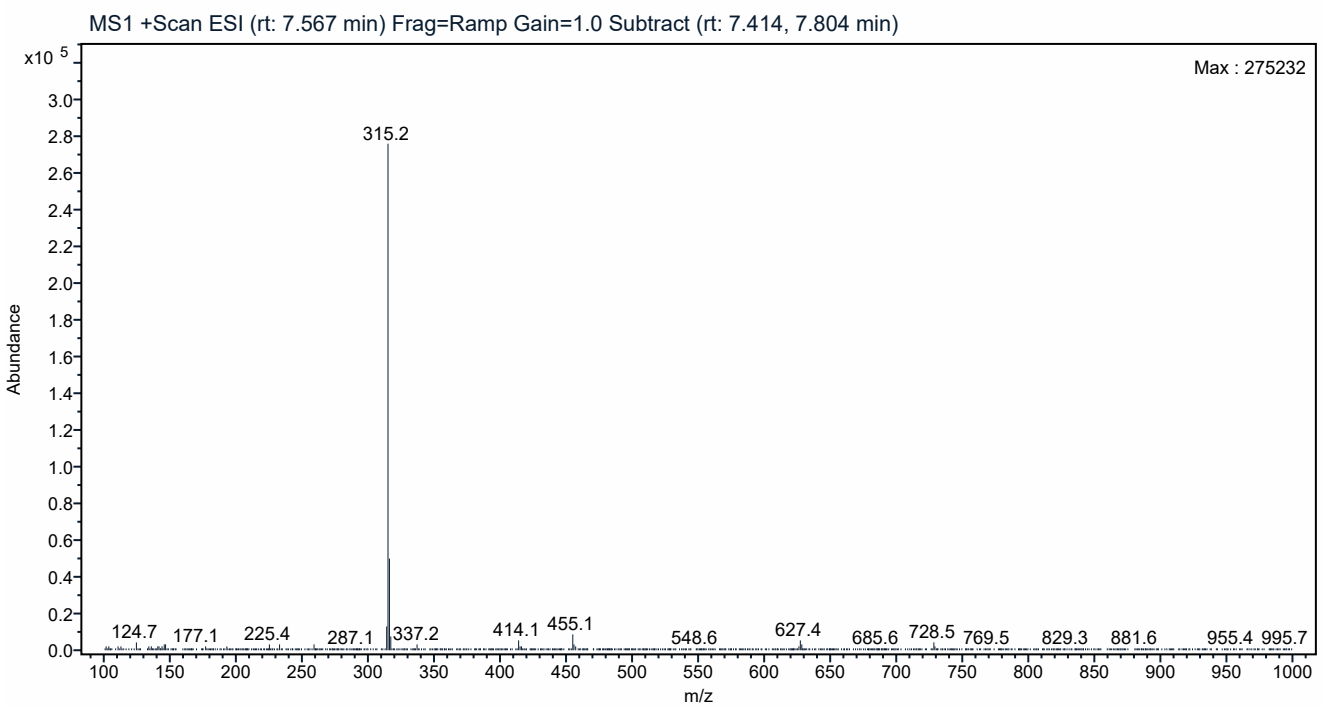


AK

Analysis Report

Sample Name	Delta 8 9 and 10	Injection Data File Name	Delta 8 9 10.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-F4	Injection Acquired Date	2024-12-13 09:07:40-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-13-24\Delta 8 9 10.sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.562

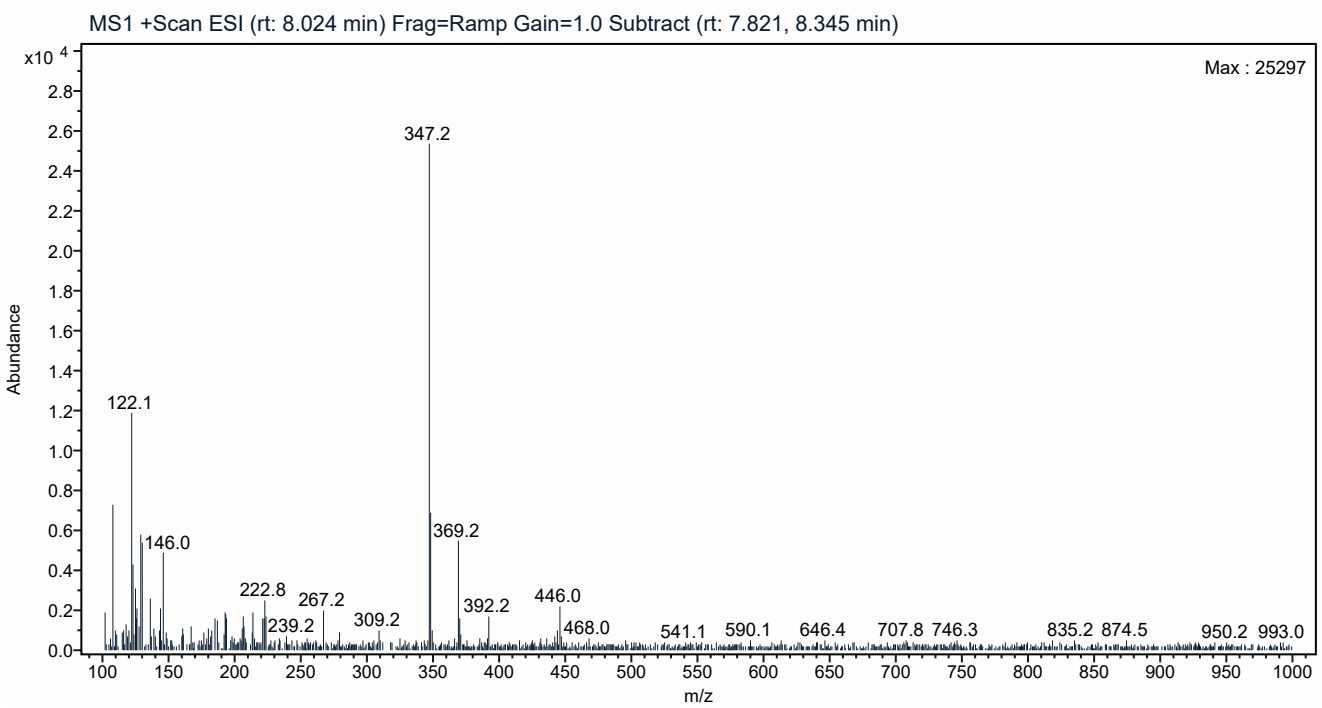


AK

Analysis Report

Sample Name	Delta 8 9 and 10	Injection Data File Name	Delta 8 9 10.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-F4	Injection Acquired Date	2024-12-13 09:07:40-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-13-24\Delta 8 9 10.sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.029

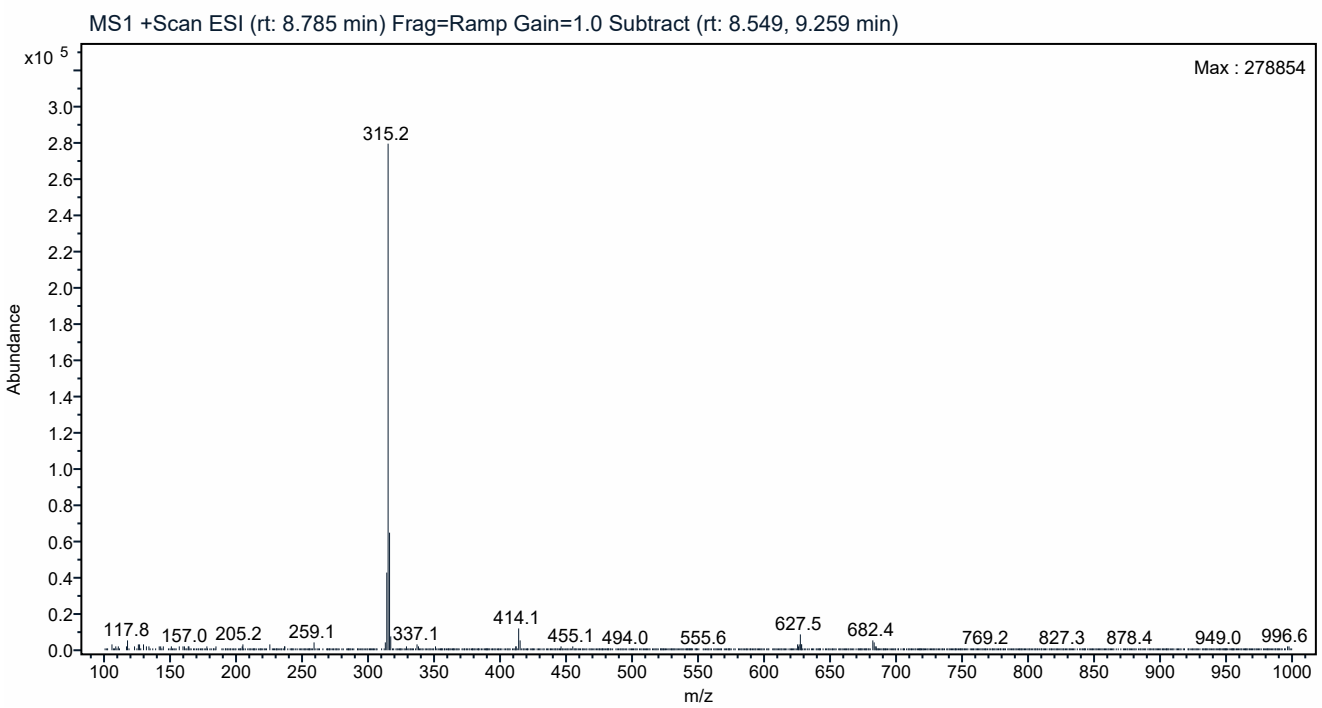


AK

Analysis Report

Sample Name	Delta 8 9 and 10	Injection Data File Name	Delta 8 9 10.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-F4	Injection Acquired Date	2024-12-13 09:07:40-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-13-24\Delta 8 9 10.sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.786



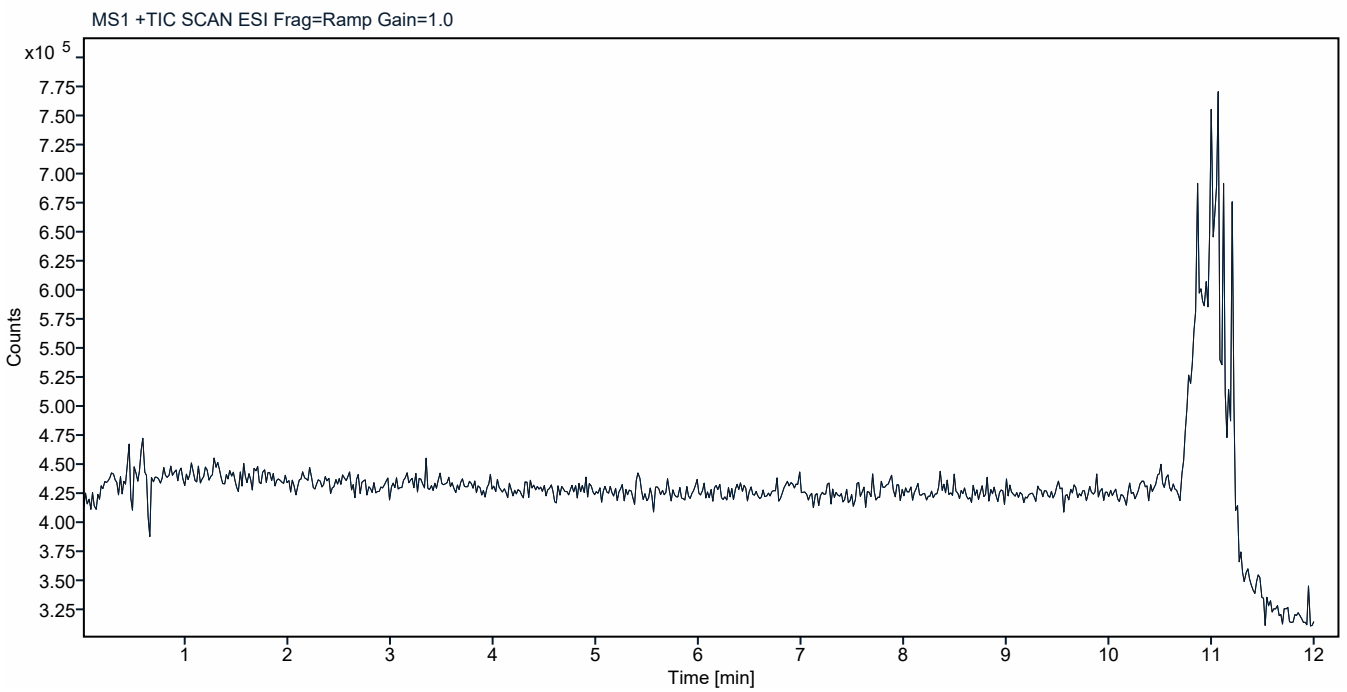
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
7.250	0.3531	4697399.9405	477844.0248	29.2962
7.562	0.4066	4121660.6091	416238.0828	25.7055
8.029	0.5267	1162094.5827	80839.8834	7.2476
8.786	0.7232	6052999.1938	465780.9383	37.7507

AK

Analysis Report

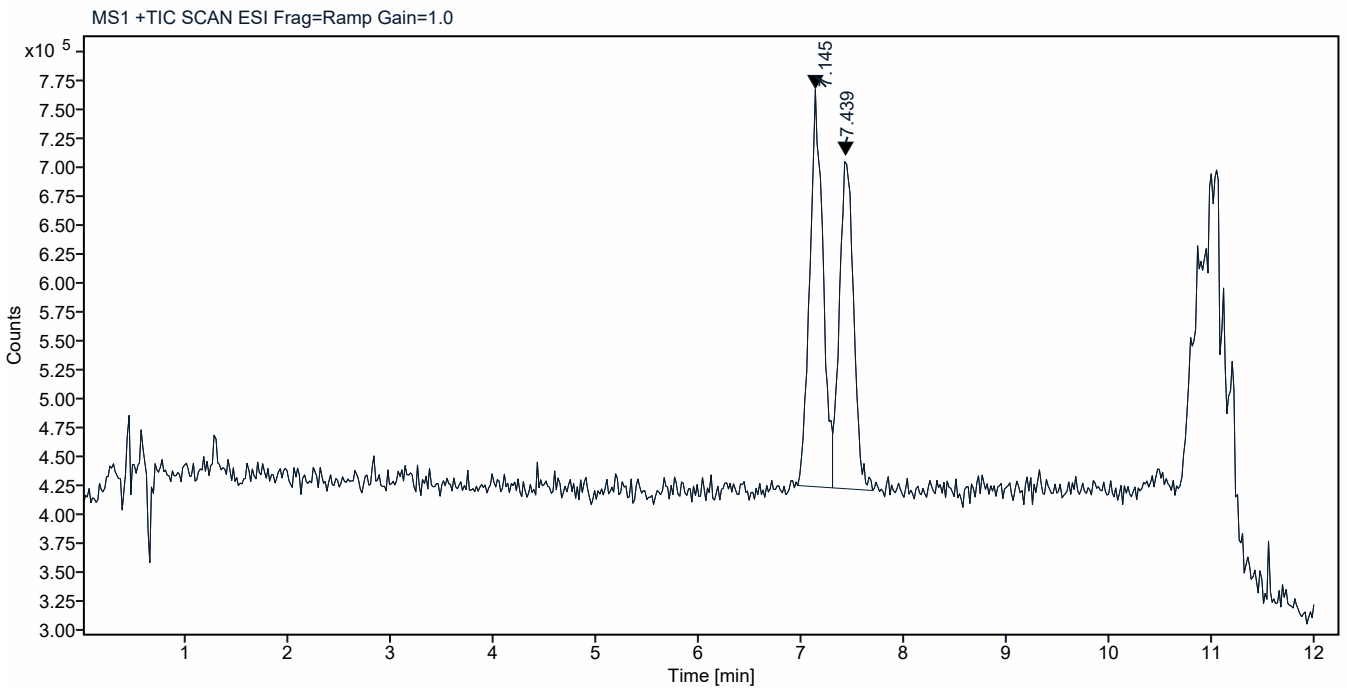
Sample Name	Blank	Injection Data File Name	Blank 2.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-F1	Injection Acquired Date	2024-12-13 08:26:53-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-13-24\Blank 2.sirslt



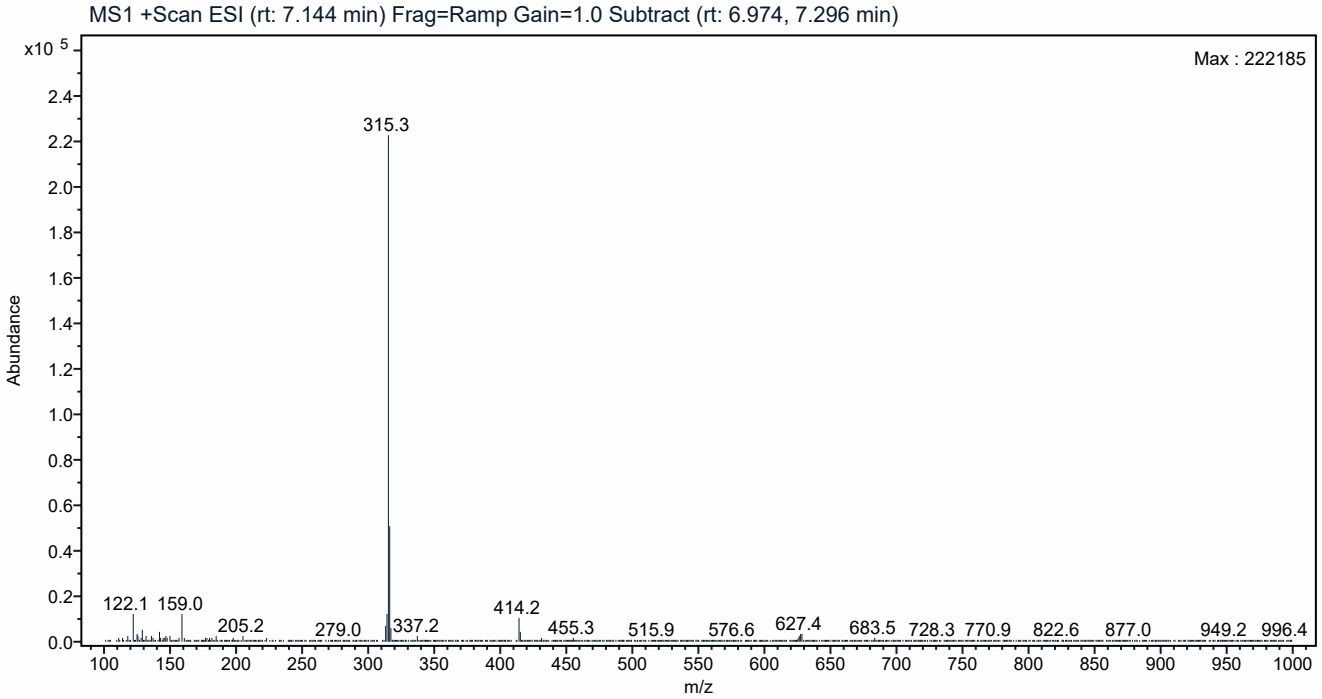
AK

Analysis Report

Sample Name	Delta 8 and 9	Injection Data File Name	Delta 8 and 9.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-F2	Injection Acquired Date	2024-12-13 08:13:16-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-13-24\Delta 8 and 9.sirslt



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.145

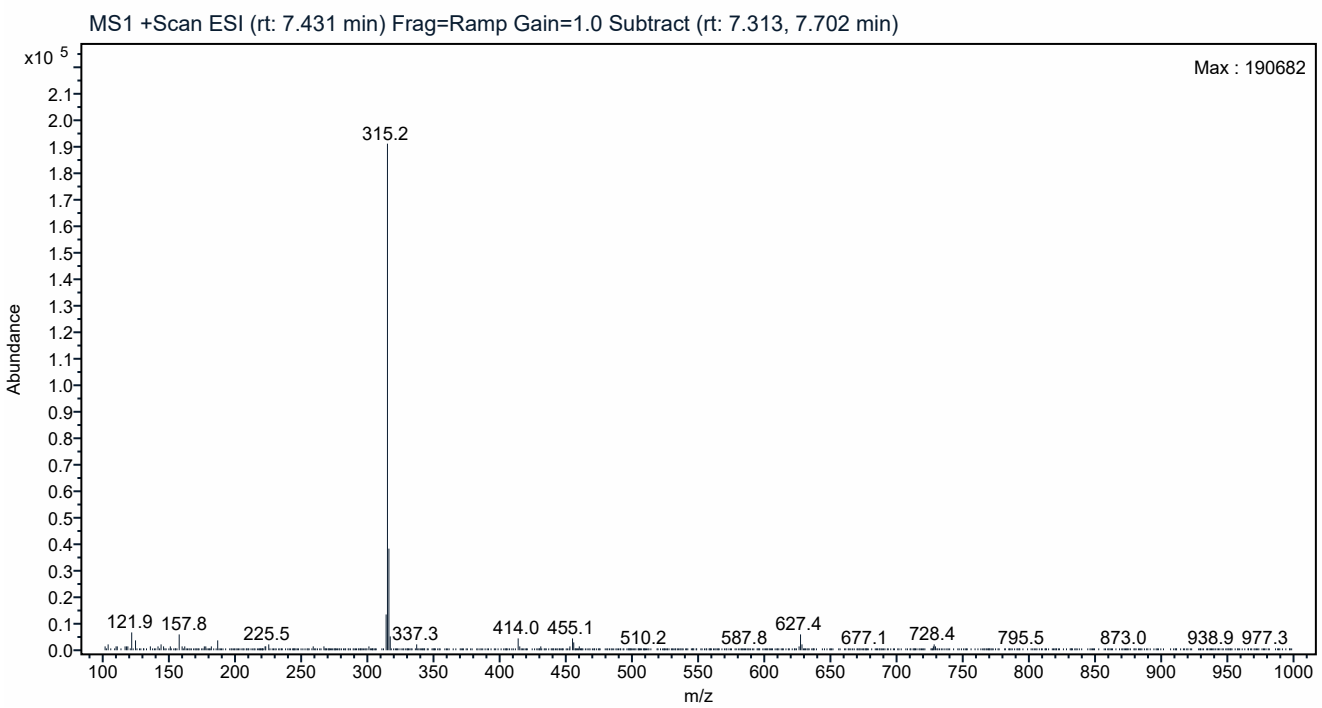


AK

Analysis Report

Sample Name	Delta 8 and 9	Injection Data File Name	Delta 8 and 9.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-F2	Injection Acquired Date	2024-12-13 08:13:16-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-13-24\Delta 8 and 9.sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.439



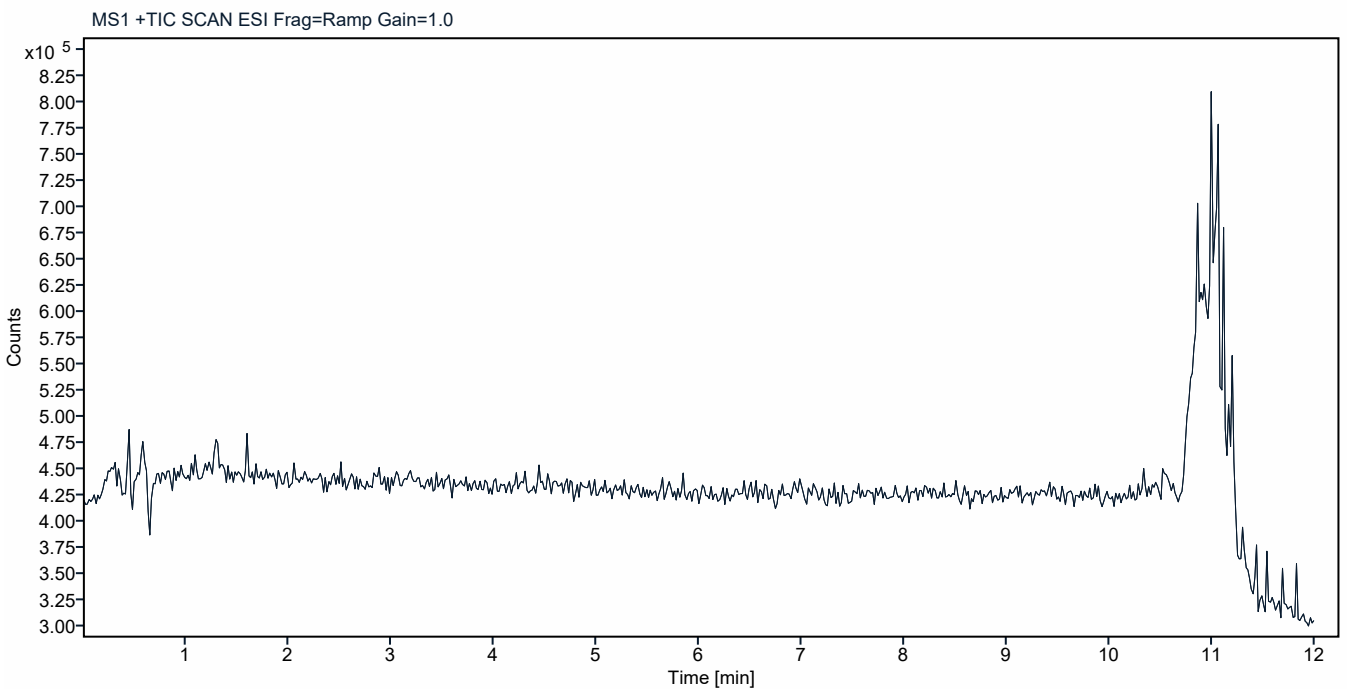
Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
7.145	0.3377	3063328.2405	343452.6533	52.6587
7.439	0.3902	2753994.9755	287533.5208	47.3413

AK

Analysis Report

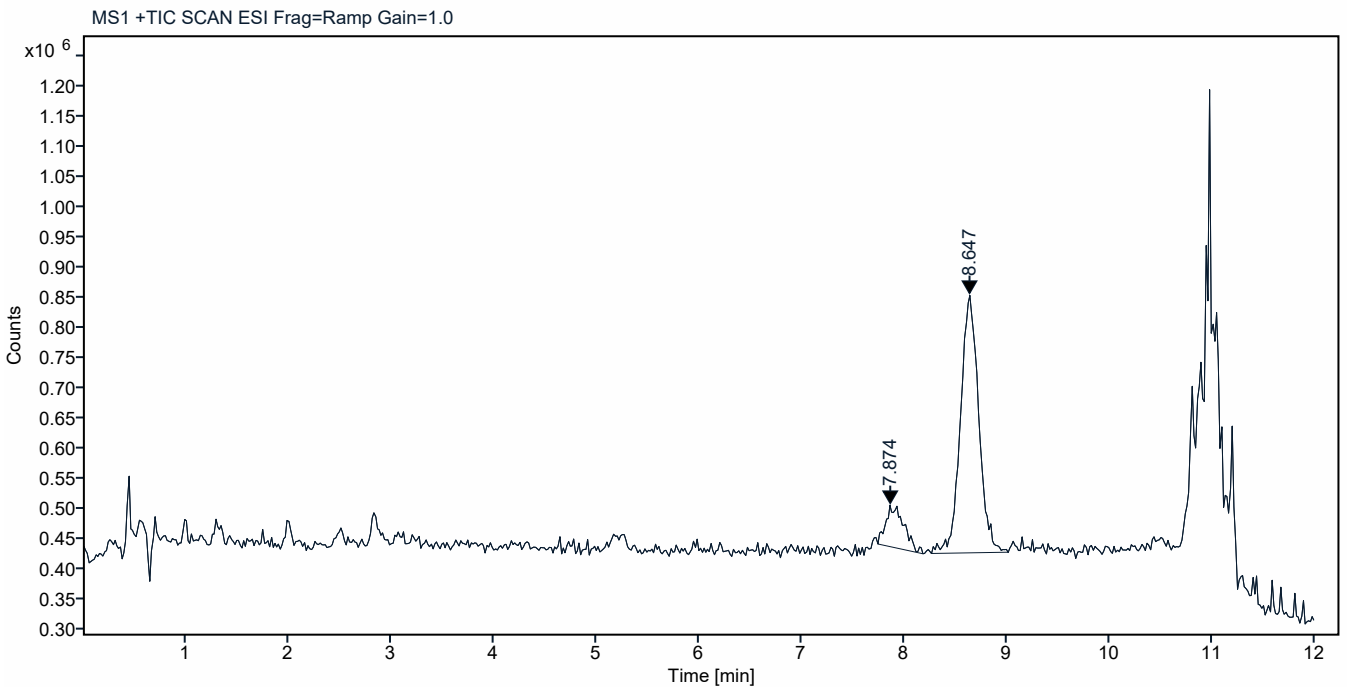
Sample Name	Blank	Injection Data File Name	Blank 3.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-F1	Injection Acquired Date	2024-12-13 08:54:05-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-13-24\Blank 3.sirslt



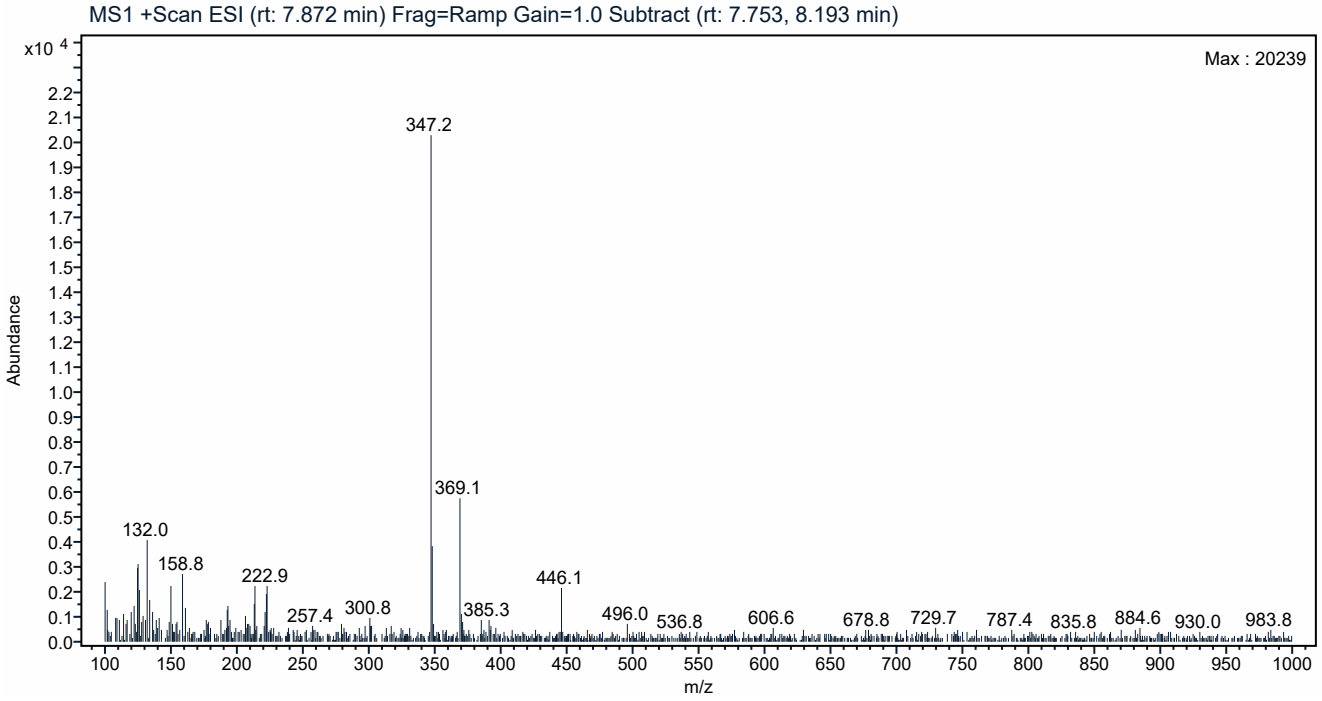
AK

Analysis Report

Sample Name	Delta 10	Injection Data File Name	Delta 10.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-F3	Injection Acquired Date	2024-12-13 08:40:28-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-13-24\Delta 10.sirslt



Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 7.874

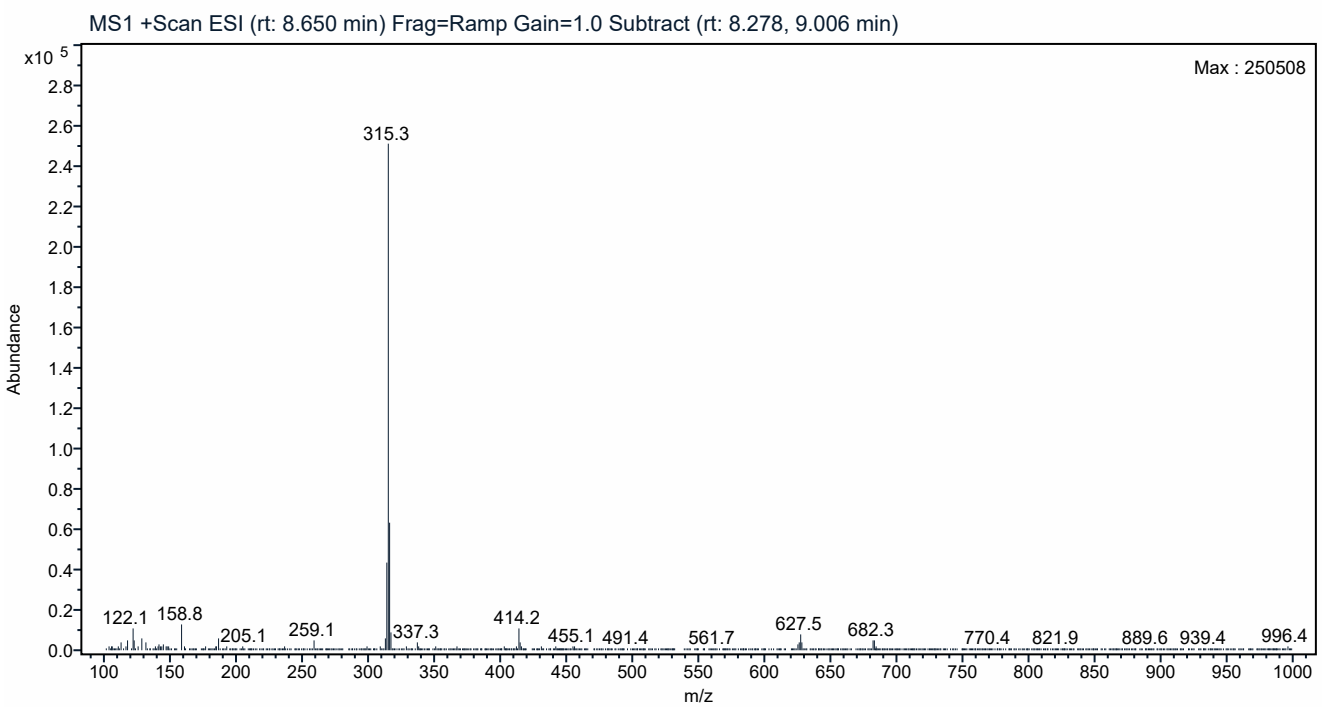


AK

Analysis Report

Sample Name	Delta 10	Injection Data File Name	Delta 10.dx
Instrument Name	Piney	Injection Acq Method Name	Cannabis Method Raptor.amx
Sample Vial Number	P2-F3	Injection Acquired Date	2024-12-13 08:40:28-06:00
Injection Volume	3.000	Data File Path	C:\CDSProjects\TBI - Piney\Results\Cannabis Method Development\12-13-24\Delta 10.sirslt

Signal Name MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0 **Peak Retention Time** 8.647



Signal: MS1 +TIC SCAN ESI Frag=Ramp Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
7.874	0.4401	859006.7911	69172.4228	13.9677
8.647	0.7481	5290931.2296	427576.3292	86.0323