TBI-FORENSIC SERVICES DIVISION
PERFORMANCE VERIFICATION FORM

Instrument/Method to Verify:

Dual Tower Injection Methods DTDRUGS100 and DTDRUGS200 on GCMS "Quincy"

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:

Name Isabella Sanders/Rebecca Hernandez Title SAFS, S Initials IS/RH

Completed: Isabella Sanders Digitally signed by Isabella Sanders Date: 2026.04.20 09:55:29 -05'00'

Name Rebecca Hernandez Title SAFS-S Initials RH

Completed: Rebecca Hernandez Digitally signed by Rebecca Hernandez Date: 2026.04.20 10:50:38 -05'00'

Name _____ Title _____ Initials _____

Completed:

Verification of final review:

Unit Supervisor: Brett Trotter Digitally signed by Brett Trotter Date: 2026.04.20 11:00:36 -05'00' Section Manager: Glenn Everett Digitally signed by Glenn Everett Date: 2026.04.17 18:43:51 -05'00'

Unit Supervisor: Section Manager:

Unit Supervisor: Section Manager:

Regional Administrator: Jenifer Hall Digitally signed by Jenifer Hall Date: 2026.04.20 11:46:10 -05'00' IT Manager:

Regional Administrator:

Regional Administrator:

Quality Assurance Manager: Chad D Johnson Digitally signed by Chad D Johnson Date: 2026.04.21 07:57:48 -05'00'

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 Digitally signed by Brett Trotter Date: 2026.04.20 07:07:02 -05'00'

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.

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ABSTRACT

Agilent 8890 GC System – Serial # US2032A025

Agilent 5977B GC/MSD – Serial # US2029M031

Quincy – Dual Injection Validation

The following documentation validates gas chromatograph / mass spectrometer instrumentation acquisitioned from Agilent Technologies for analytical utilization in the Forensic Chemistry Unit (FCU) of the Tennessee Bureau of Investigation Crime Laboratory in Nashville, Tennessee. Dual tower autosample method establishment with parametric consideration of system temperature (inlet, GC oven ramping and duration, FID, transfer line, MS source, MS quad), columns (GC and MS), pressure (inlet, column), flow rates (column, split/splitless, FID -- H_2, air and makeup gases), split ratio, liners and autosample tower specifications and adjustments thereunto the aforementioned inaugurates performance verification of Agilent 8890 GC System and 5977B GC/MSD utilizing a variety of controlled substance analytical standards ranging in molecular weight and resulting retention time. Because this system is procedurally like GC/MS systems currently in use from Agilent Technologies and validated within the FCU, analysis of analytical standards in the initial method configuration guided subsequent manipulation of parameters to the final establishment of method parameters verified as acceptable with performance data of total ion chromatograph, spectral analysis of the mass spectrometer and chromatographic retention time of the flame ionization detector (FID). Also, during the entire process, inlet maintenance, autotune (atune), and analysis of the calibration standard mix (pethidine, cocaine and hydrocodone) for both GC and MS were routinely performed to monitor and assess system functionality. The concluding recommendation from the review of method parameters, functionality, data of specified analytical standards for specified GC and MS dual tower autosample methods is for this Agilent 8890 GC System and 5977B GC/MSD to be utilized for the analysis of controlled substances in the Forensic Chemistry Unit.

VALIDATION OVERVIEW

Agilent 8890 GC System – Serial # US2032A025

Agilent 5977B GC/MSD – Serial # US2029M031

Quincy – Dual Injection Validation

The following documentation validates gas chromatograph / mass spectrometer instrumentation acquisitioned from Agilent Technologies for analytical utilization in the Forensic Chemistry Unit (FCU) of the Tennessee Bureau of Investigation Crime Laboratory in Nashville, Tennessee. Dual tower autosample method establishment with parametric consideration of system temperature (inlet, GC oven ramping and duration, FID, transfer line, MS source, MS quad), columns (GC and MS), pressure (inlet, column), flow rates (column, split/splitless, FID -- H_2, air and makeup gases), split ratio, liners and autosample tower specifications and adjustments thereunto the aforementioned inaugurates performance verification of Agilent 8890 GC System and 5977B GC/MSD utilizing a variety of controlled substance analytical standards ranging in molecular weight and resulting retention time. Because this system is procedurally like GC/MS systems currently in use from Agilent Technologies and validated within the FCU, analysis of analytical standards in the initial method configuration guided subsequent manipulation of parameters to the final establishment of method parameters verified as acceptable with performance data of total ion chromatograph, spectral analysis of the mass spectrometer and chromatographic retention time of the flame ionization detector (FID). Also, during the entire process, inlet maintenance, autotune (atune), and analysis of the calibration standard mix (pethidine, cocaine and hydrocodone) for both GC and MS were routinely performed to monitor and assess system functionality. The concluding recommendation from the review of method parameters, functionality, data of specified analytical standards for specified GC and MS dual tower autosample methods is that this Agilent 8890 GC System and 5977B GC/MSD, Quincy, has been evaluated and is fit for use in the analysis of all controlled substances in the Forensic Chemistry Unit.

INSTRUMENT AND COMPONENT SPECIFICATIONS

Agilent 8890 GC System – Serial # US2032A025

Agilent 5977B GC/MSD – Serial # US2029M031

Quincy – Dual Injection Validation

GAS CHROMATOGRAPH

Agilent 8890 GC System (G3540A)

Serial # US2032A025

MASS SPECTROMETER

Agilent 5977B GC/MSD (G7077B)

Serial # US2029M031

AUTOSAMPLER TRAY

Agilent G4514A

Serial #RO20257033

AUTOSAMPLER TOWERS

GC: Agilent G4513A

Serial #CN20170248

MS: Agilent G4513A

Serial #CN20170209

COLUMNS

GC: Agilent J&W HP-1MS

Part #19091S-913, 15 meters, 0.320 mm diameter, 0.25 µm film thickness

MS: Agilent J&W HP-1MS

Part #19091S-602, 12.5 meters, 0.200 mm diameter, 0.33 µm film thickness

COMPUTER OPERATING SYSTEM

Device specifications:

Model name	HP Z2 SFF G4 Workstation
Device name	Quincy
Processor	Intel ® Core ™ i5-9500 CPU @ 3.00 GHz
Installed RAM	8.00 GB (7.78 GB usable)
Device ID	89D8C15D-DC19-4649-B4C4-764BC737CDD2
Product ID	00330-52615-16102-AAOEM
System type	64-bit operating system, x64-based processor

Windows Specifications:

Edition	Windows 10 Pro
Version	22H2
Installed on	09/07/2022
OS build	19045.5011

Productivity tools:

Enhanced ChemStation

MSD ChemStation F.01.03.2357

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Agilent MassHunter Workstation

GC/MS Data Acquisition

Version 10.0 Service Release 1, Build 10.0.384.1

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PURPOSE OF VALIDATION

Agilent 8890 GC System – Serial # US2032A025

Agilent 5977B GC/MSD – Serial # US2029M031

Quincy – Dual Injection Validation

Gas Chromatograph / Mass Spectrometry is critically relied upon within the Forensic Chemistry Unit (FCU) for the analysis of controlled substances. Due to adulterants and multiple controlled substances within samples, chromatographic methodology is a necessity for separation, isolation and identification of these compounds. Historically, Agilent Technologies GC/MS systems have been utilized in the FCU for the past twenty-two years with ChemStation software that is familiar across each 6890/5973, 6890N/5973 inert, 6890N/5975, 7890A/5975C 7890B/5977B and 8890B/5977B GC/MS systems. Therefore, the purpose of this study is to establish dual tower method parameters, utilizing both gas chromatograph and mass spectrometer through an autosample mode of analysis. The data collected utilizing these dual tower methods will then be compared to originally established separate gas chromatograph and mass spectrometer method data to verify the proficiency of these dual tower methods in the identification of substances of interest in the Forensic Chemistry Unit. The dual tower methods will be tested for function and practicality by injecting a variety of analytical standards to demonstrate detection at varying oven temperature set points.

VALIDATION PROCEDURE

Agilent 8890 GC System – Serial # US2032A025

Agilent 5977B GC/MSD – Serial # US2029M031

Quincy – Dual Injection Validation

Instrument Setup and Maintenance

The initial instrument setup and check-out procedure was performed by Agilent technical representative, Bo Kaeser. All electrical requirements and performance gases (helium, hydrogen and air) were in place as specified prior to installation. Throughout the validation procedure, regular inlet maintenance, autotunes, and analysis of the GC/MS Calibration Standard Mix will be performed.

Establishing Method Parameters

Utilizing the ChemStation software, method construction begins with loading the system's default.m method and referencing established TBI FCU GC/MS methods (ASMSDRUGS100, ASMSDRUGS200, ASGC100, and ASGC200) to construct the dual tower methods (DTDRUGS100 and DTDRUGS200). For these dual tower (DT) methods, all parameters of the methods will be constructed, named and saved respective to DT designations.

Analytical Standards Analysis – The Polydrug GC Standard Mix of xylazine, 4-ANPP, heroin, para-fluorofentanyl, and fentanyl (after 3-30-26 the mix also contained Medetomidine and BTMPS) and the GC/MS Calibration Standard Mix of pethidine, cocaine, and hydrocodone will be analyzed on all methods constructed.

Low Temperature Initial Set Points – Methamphetamine, alprazolam, and delta-9 THC standards will be analyzed on 100° C auto sample methods (ASMSDRUGS100, ASGC100, and DTDRUGS100).

Higher Temperature Set Points – Buprenorphine, BTMPS, Isotonitazene/Protonitazene standards will be analyzed on 200° C auto sample methods (ASMSDRUGS200, ASGC200, and DTDRUGS200). Alprazolam, Delta-9-THC, and Methamphetamine were also analyzed on these methods after 3-30-26, however, the Methamphetamine was cut off and not used for comparison. It is not recommended to run Methamphetamine on higher temperature methods.

Evaluation

Acquired data from the aforementioned methods will be considered in the establishment of dual tower methods, ensuring detection, chromatographic quality, total ion chromatograph and ion abundance as well as baseline separation of standard mixtures such as the Polydrug GC Standard Mix (xylazine, 4-ANPP, heroin, para-fluorofentanyl, and fentanyl and after 3-30-26 also Medetomidine and BTMPS) and GC/MS Calibration Standard Mix (pethidine, cocaine, and hydrocodone).

ANALYTICAL STANDARD SPECIFICATIONS

Agilent 8890 GC System – Serial # US2032A025

Agilent 5977B GC/MSD – Serial # US2029M031

Quincy – Dual Injection Validation

STANDARDS ANALYZED FOR ASGC100, ASMSDRUGS100 AND DTDRUGS100 METHODS:

Polydrug GC Standard Mix

4-ANPP: Cayman Chemical Lot# 0540831-30

Fentanyl Citrate: USPC Lot# 1275-F

Heroin: Cayman Chemical Lot# 0559235-2

Xylazine: Cayman Chemical Lot# 0508346-67

para-Fluorofentanyl (HCL): Cayman Chemical Lot# 0541563-60

Methanol: Lot# 232689 Bottle #7

Made: 12-11-24 RH Expires: 12-11-25

Methamphetamine

Cerilliant Lot# FE006022204 MeOH Exp: 12-31-27

GC / MS Calibration Standard Mix

Pethidine: S.B. Penick Lot# 413-NMN-027

Cocaine (Base): Sigma Lot# SLCF4870

Hydrocodone: Merck Lot# V1526

Methanol: Lot# 232689 Bottle #7

Made: 9-18-24 BJ Expires: 9-18-25

Pethidine: S.B. Penick Lot# 413-NMN-027

Cocaine (Base): Sigma Lot# SLCF4870

Hydrocodone: Merck Lot# V1526

Methanol: Lot# 234946 Bottle #2

Made: 4-07-25 LJ Expires: 4-07-26

Alprazolam

Cerilliant Lot# FE050032221 MeOH Exp: 1-31-28

Delta-9 THC

Cerilliant Lot# FE06212201 MeOH Exp: 10-31-27

STANDARDS ANALYZED FOR ASGC200, ASMSDRUGS200, AND DTDRUGS200 METHODS:

Polydrug GC Standard Mix

4-ANPP: Cayman Chemical Lot# 0540831-30

Fentanyl Citrate: USPC Lot# 1275-F

Heroin: Cayman Chemical Lot# 0559235-2

Xylazine: Cayman Chemical Lot# 0508346-67

para-Fluorofentanyl (HCL): Cayman Chemical Lot# 0541563-60

Methanol: Lot# 232689 Bottle #7

Made: 12-11-24 RH Expires: 12-11-25

GC / MS Calibration Standard Mix

Pethidine: S.B. Penick Lot# 413-NMN-027

Cocaine (Base): Sigma Lot# SLCF4870

Hydrocodone: Merck Lot# V1526

Methanol: Lot# 232689 Bottle #7

Made: 9-18-24 BJ Expires: 9-18-25

BTMPS

Cayman Chemical Lot# 0721850-7 Acetonitrile Exp: 12-19-25

Buprenorphine

Cerilliant Lot# FE03191903 MeOH Exp: 6-25-25

Isotonitazene

Cayman Chemical Lot# 0577984-1 MeOH Exp: 2-14-25

After GC-FID maintenance was performed 3-12-26 and new runs started on 3-30-26:

STANDARDS ANALYZED FOR ASGC100, ASMSDRUGS100 AND DTDRUGS100 METHODS:

Polydrug GC Standard Mix – Standard was diluted prior to running with Acetonitrile (Lot#226013 Bottle 1) and BTMPS was not detectable or used for comparison. A separate BTMPS standard was run for comparison of the 200 methods.

Medetomidine: Cayman Chemical Lot# 0675585-57

4-ANPP: Cayman Chemical Lot# 0540831-30

Fentanyl Citrate: USPC Lot# 1275-F

Heroin: Cayman Chemical Lot# 0559235-2

Xylazine: Cayman Chemical Lot# 0508346-67

para-Fluorofentanyl (HCL): Cayman Chemical Lot# 0541563-60

BTMPS: Cayman Chemical Lot# 0721850-7

Acetonitrile: Lot# 226013 Bottle #2

Made: 12-12-25 Made by BJ Expires: 12-12-26

Methamphetamine

Cerilliant Lot# FE006022204 Exp: 12-31-27

GC / MS Calibration Standard Mix

Pethidine: S.B. Penick Lot# 413-NMN-027

Cocaine (Base): Sigma Lot# SLCF4870

Hydrocodone: Merck Lot# V1526

Methanol: Lot# 234946 Bottle #2

Made: 3-6-26 Made by GG Expires: 3-6-27

Alprazolam

Cerilliant Lot# FE050032221 MeOH Exp: 1-31-28

Delta-9 THC

Cerilliant Lot# FE06212201 MeOH Exp: 10-31-27

STANDARDS ANALYZED FOR ASGC200, ASMSDRUGS200, AND DTDRUGS200 METHODS:

Polydrug GC Standard Mix – Standard was diluted prior to running with Acetonitrile (Lot#226013 Bottle 1) and BTMPS was not detectable or used for comparison. A separate BTMPS standard was run for comparison of the 200 methods.

Medetomidine: Cayman Chemical Lot# 0675585-57

4-ANPP: Cayman Chemical Lot# 0540831-30

Fentanyl Citrate: USPC Lot# 1275-F

Heroin: Cayman Chemical Lot# 0559235-2

Xylazine: Cayman Chemical Lot# 0508346-67

para-Fluorofentanyl (HCL): Cayman Chemical Lot# 0541563-60

BTMPS: Cayman Chemical Lot# 0721850-7

Acetonitrile: Lot# 226013 Bottle #2

Made: 12-12-25 Made by BJ Expires: 12-12-26

GC / MS Calibration Standard Mix

Pethidine: S.B. Penick Lot# 413-NMN-027

Cocaine (Base): Sigma Lot# SLCF4870

Hydrocodone: Merck Lot# V1526

Methanol: Lot# 234946 Bottle #2

Made: 3-6-26 Made by GG Expires: 3-6-27

Methamphetamine

Cerilliant Lot# FE006022204 Exp: 12-31-27

Alprazolam

Cerilliant Lot# FE050032221 MeOH Exp: 1-31-28

Delta-9 THC

Cerilliant Lot# FE06212201 MeOH Exp: 10-31-27

BTMPS

Cayman Chemical Lot# 0721850-7 Acetonitrile Exp: 4-7-26

Buprenorphine

Cerilliant Lot# FE07252316 MeOH Exp: 2-28-29

Protonitazene

Cayman Chemical Lot# 0575807-12 MeOH Exp: 10-2-26

METHODS AND STANDARDS ANALYZED

Agilent 8890 GC System – Serial # US2032A025

Agilent 5977B GC/MSD – Serial # US2029M031

Quincy – Dual Injection Validation

MASS SPEC – AUTO SAMPLE INJECTION

ASMSDRUGS100	POLYDRUG GC STANDARD MIX
	METHAMPHETAMINE
	GC/MS CALIBRATION STANDARD MIX
	ALPRAZOLAM
	DELTA-9 THC

ASMSDRUGS200	POLYDRUG GC STANDARD MIX
	GC/MS CALIBRATION STANDARD MIX
	BTMPS
	BUPRENORPHINE
	ISOTONITAZENE

GC – AUTO SAMPLE INJECTION

ASGC100	POLYDRUG GC STANDARD MIX
	METHAMPHETAMINE
	GC/MS CALIBRATION STANDARD MIX
	ALPRAZOLAM
	DELTA-9 THC

ASGC200	POLYDRUG GC STANDARD MIX
	GC/MS CALIBRATION STANDARD MIX
	BTMPS
	BUPRENORPHINE
	ISOTONITAZENE

DT – DUAL TOWER AUTO SAMPLE INJECTIONS

DTDRUGS100	POLYDRUG GC STANDARD MIX
	METHAMPHETAMINE
	GC/MS CALIBRATION STANDARD MIX
	ALPRAZOLAM
	DELTA-9 THC
DTDRUGS200	POLYDRUG GC STANDARD MIX
	GC/MS CALIBRATION STANDARD MIX
	BTMPS
	BUPRENORPHINE
	ISOTONITAZENE

After GC-FID maintenance was performed 3-12-26 and new runs started on 3-30-26:

MASS SPEC – AUTO SAMPLE INJECTION

ASMSDRUGS100	POLYDRUG GC STANDARD MIX
	METHAMPHETAMINE
	GC/MS CALIBRATION STANDARD MIX
	ALPRAZOLAM
	DELTA-9 THC
ASMSDRUGS200	POLYDRUG GC STANDARD MIX
	METHAMPHETAMINE
	GC/MS CALIBRATION STANDARD MIX
	ALPRAZOLAM
	DELTA-9-THC
	BTMPS
	BUPRENORPHINE
	PROTONITAZENE

GC – AUTO SAMPLE INJECTION

ASGC100	POLYDRUG GC STANDARD MIX
	METHAMPHETAMINE
	GC/MS CALIBRATION STANDARD MIX
	ALPRAZOLAM
	DELTA-9 THC

ASGC200	POLYDRUG GC STANDARD MIX
	METHAMPHETAMINE
	GC/MS CALIBRATION STANDARD MIX
	ALPRAZOLAM
	DELTA-9-THC
	BTMPS
	BUPRENORPHINE
	PROTONITAZENE

DT – DUAL TOWER AUTO SAMPLE INJECTIONS

DTDRUGS100	POLYDRUG GC STANDARD MIX
	METHAMPHETAMINE
	GC/MS CALIBRATION STANDARD MIX
	ALPRAZOLAM
	DELTA-9 THC

DTDRUGS200	POLYDRUG GC STANDARD MIX
	METHAMPHETAMINE
	GC/MS CALIBRATION STANDARD MIX
	ALPRAZOLAM
	DELTA-9-THC
	BTMPS
	BUPRENORPHINE
	PROTONITAZENE

METHOD PARAMETERS AND STANDARD DATA

Agilent 8890 GC System – Serial # US2032A025

Agilent 5977B GC/MSD – Serial # US2029M031

Quincy – Dual Injection Validation

See following pages for method parameters for methods ASGC100, ASMSDRUGS100, DTDRUGS100, ASGC200, ASMSDRUGS200, and DTDRUGS200 along with standard data from March 6th, 2025 through April 1st, 2026.

METHOD CONTROL PARAMETERS

Method Information for: D:\MassHunter\GCMS\1\methods\ASMSDRUGS100.M

Method Sections To Run:

( ) Save Copy of Method With Data
( ) Instrument Control Pre-Run Cmd/Macro =
( ) Data Analysis Pre-Run Cmd/Macro =
(X) Data Acquisition
(X) Data Analysis
( ) Instrument Control Post-Run Cmd/Macro =
( ) Data Analysis Post-Run Cmd/Macro =

Method Comments:
This is an autosample MS 100-280 / 10 minute method

END OF METHOD CONTROL PARAMETERS

Single Quadrupole Acquisition Method - MS Parameters Report

Method file	D:\MassHunter\GCMS\1\methods\ASMSDRUGS100.M
Tune file	ATUNE.U
Ion source	EI
Source temperature (°C)	230
Quad temperature (°C)	150
Fixed Electron energy (eV)	70.0
Acquisition Type	Scan
Stop time (min)	10.00
Solvent delay (min)	1.00
Trace Ion Detection	False
Gain Factor	1
EM Saver	False
EM Saver Limit	N/A

Scan Time Segments

Time	Start Mass	End Mass	Threshold	Scan Speed
1.00	40	550	150	6,250 [N=0]

Timed Events

Time	Type of Event	Parameter

Real-Time Plots

Type of Plot	Label	Low Mass	High Mass
Total Ion	N/A	N/A	N/A
Extracted Ion	Scan 1-1	50	550

Self-Cleaning Ion Source Parameters

Mode	No Cleaning

D:\MassHunter\GCMS\1\methods\ASMSDRUGS100.M
Fri Apr 10 11:00:23 2026

Control Information

Sample Inlet	: GC
Injection Source	: GC ALS
Injection Location:	Front
Mass Spectrometer	: Enabled

No Sample Prep method has been assigned to this method.

GC

GC Summary	
Run Time	10.001 min
Post Run Time	0 min

Oven

Temperature	
Setpoint	On
(Initial)	100 °C
Hold Time	1 min
Post Run	70 °C
Program	
#1 Rate	70 °C/min
#1 Value	280 °C
#1 Hold Time	6.43 min
Equilibration Time	0.5 min
Max Temperature	325 °C
Maximum Temperature Override	Enabled
Slow Fan	Disabled

ALS

Front Injector	
Syringe Size	10 µL
Injection Volume	1 µL
Solvent A Washes (PreInj)	2
Solvent A Washes (PostInj)	2
Solvent A Volume	4 µL
Solvent B Washes (PreInj)	2
Solvent B Washes (PostInj)	2
Solvent B Volume	4 µL
Sample Washes	1
Sample Wash Volume	1 µL
Sample Pumps	4
Dwell Time (PreInj)	0 min
Dwell Time (PostInj)	0 min
Solvent Wash Draw Speed	300 µL/min
Solvent Wash Dispense Speed	3000 µL/min
Sample Wash Draw Speed	300 µL/min
Sample Wash Dispense Speed	3000 µL/min
Injection Dispense Speed	6000 µL/min
Viscosity Delay	0 sec
Sample Depth	Disabled
Injection Type	Standard
L1 Airgap	0.5 µL

Solvent Wash Mode	A, B
Back Injector	
Syringe Size	10 µL
Injection Volume	1 µL
Solvent A Washes (PreInj)	0
Solvent A Washes (PostInj)	0
Solvent A Volume	2 µL
Solvent B Washes (PreInj)	0
Solvent B Washes (PostInj)	0
Solvent B Volume	2 µL
Sample Washes	0
Sample Wash Volume	2 µL
Sample Pumps	0
Dwell Time (PreInj)	0 min
Dwell Time (PostInj)	0 min
Solvent Wash Draw Speed	300 µL/min
Solvent Wash Dispense Speed	6000 µL/min
Sample Wash Draw Speed	300 µL/min
Sample Wash Dispense Speed	6000 µL/min
Injection Dispense Speed	6000 µL/min
Viscosity Delay	0 sec
Sample Depth	Disabled
Injection Type	Standard
L1 Airgap	0.2 µL
Solvent Wash Mode	A, B
Sample Overlap	
Mode	Sample overlap is not enabled
ALS Errors	Pause for user interaction
Front SS Inlet He	
Helium Conservation Controlled	Off
Mode	Split
Heater	On 250 °C
Pressure	On 8.5 psi
Total Flow	On 45.194 mL/min
Septum Purge Flow	On 3 mL/min
Pre-Run Flow Test	Off
Gas Saver	On 30 After 2 min mL/min
Split Ratio	49.999765616949 :1
Split Flow	41.367 mL/min
Liner	RESTEK 23300: 986 µL (Split/Splitless Straight w/Wool)
Back SS Inlet He	
Helium Conservation Controlled	Off
Mode	Split
Heater	On 250 °C
Pressure	On 9.9254 psi
Total Flow	On 171.3 mL/min
Septum Purge Flow	On 3 mL/min
Pre-Run Flow Test	Off
Gas Saver	On 30 After 2 min mL/min
Split Ratio	50 :1
Split Flow	165 mL/min
Liner	RESTEK 23300: 986 µL (Split/Splitless Straight w/Wool)
Column	
Column #1	
Flow	
Setpoint	On
(Initial)	0.82733 mL/min
Post Run	0.3823 mL/min

Column Information	Agilent 19091S-602B
HP-1MS	
Temperature Range	-60 °C—325 °C (350 °C)
Dimensions	12.5 m x 200 µm x 0.33 µm (Calibrated)
Column lock	Unlocked
In	Front SS Inlet He
Out	MSD
(Initial)	100 °C
Pressure	8.5 psi
Flow	0.82733 mL/min
Average Velocity	52.55 cm/sec
Holdup Time	0.39644 min
Control Mode	Constant Flow
Column #2	
Flow	
Setpoint	On
(Initial)	3.3 mL/min
Post Run	0 mL/min
Column Information	Agilent 19091S-913-B
15m HP1-MS	
Temperature Range	-60 °C—350 °C (400 °C)
Dimensions	15 m x 320 µm x 0.25 µm (Calibrated)
Column lock	Unlocked
In	Back SS Inlet He
Out	Back Detector FID
(Initial)	100 °C
Pressure	9.9254 psi
Flow	3.3 mL/min
Average Velocity	62.848 cm/sec
Holdup Time	0.39778 min
Control Mode	Constant Flow
Column Outlet Pressure	0 psi
Back Detector FID	
Makeup	He
Heater	On 300 °C
H2 Flow	Off
Air Flow	Off
Makeup Flow	Off
Carrier Gas Flow Correction	Constant Makeup and Fuel Flow
Flame	Off
Helium Conservation	
Helium Valve	Off
Nitrogen Valve	Off
Detector Evaluation	
Perform Detector Evaluation Test	Off
Signal Selected	Signal #1: Back Signal (FID) {20 Hz}
Checkout Sample	FID {5188-5372}
MSD Transfer Line	
Temperature	
Setpoint	On
(Initial)	280 °C

Signals

Signal #1: Back Signal	
Description	Back Signal
Details	Back Signal (FID)
Save	Off
Data Rate	20 Hz
Dual Injection Assignment	Front Sample
Signal #2:	
Description	None
Signal #3:	
Description	None
Signal #4:	
Description	None
Signal #5:	
Description	None
Signal #6:	
Description	None
Signal #7:	
Description	None
Signal #8:	
Description	None

TUNE PARAMETERS for SN: US2029M031

Trace Ion Detection is OFF.

34.593	:	EMISSION	
70.007	:	ENERGY	
29.919	:	REPELLER	
90.331	:	IONFOCUS	
20.181	:	ENTRANCE_LENS	
1349.936	:	EMVOLTS	
		1349.9	: Actual EMV
		0.31	: GAIN FACTOR
2500.000	:	AMUGAIN	
138.750	:	AMUOFFSET	
1.000	:	FILAMENT	
0.000	:	DCPOLARITY	
11.155	:	ENTLENSOFFSET	
0.000	:	Ion_Body	
0.000	:	EXTLENS	
51.000	:	MASSGAIN	
-22.000	:	MASSOFFSET	

END OF TUNE PARAMETERS

END OF INSTRUMENT CONTROL PARAMETERS

METHOD CONTROL PARAMETERS

Method Information for: D:\MassHunter\GCMS\1\methods\DTDRUGS100.M

Method Sections To Run:

( ) Save Copy of Method With Data
( ) Instrument Control Pre-Run Cmd/Macro =
( ) Data Analysis Pre-Run Cmd/Macro =
(X) Data Acquisition
(X) Data Analysis
(X) Instrument Control Post-Run Cmd/Macro =
(X) Data Analysis Post-Run Cmd/Macro =

Method Comments:
This is an autosample MS and GC Dual Tower 100-280 / 10 minute method

END OF METHOD CONTROL PARAMETERS

Single Quadrupole Acquisition Method - MS Parameters Report

Method file	D:\MassHunter\GCMS\1\methods\DTDRUGS100.M
Tune file	ATUNE.U
Ion source	EI
Source temperature (°C)	230
Quad temperature (°C)	150
Fixed Electron energy (eV)	70.0
Acquisition Type	Scan
Stop time (min)	10.00
Solvent delay (min)	1.00
Trace Ion Detection	False
Gain Factor	1
EM Saver	False
EM Saver Limit	N/A

Scan Time Segments

Time	Start Mass	End Mass	Threshold	Scan Speed
1.00	40	550	150	6,250 [N=0]

Timed Events

Time	Type of Event	Parameter

Real-Time Plots

Type of Plot	Label	Low Mass	High Mass
Total Ion	N/A	N/A	N/A
Spectrum	N/A	N/A	N/A
Extracted Ion	Scan 1-1	50	550

Self-Cleaning Ion Source Parameters

Mode	No Cleaning

INSTRUMENT CONTROL PARAMETERS: Quincy

D:\MassHunter\GCMS\1\methods\DTDRUGS100.M
Thu Apr 09 14:50:03 2026

Control Information

Sample Inlet	: GC
Injection Source	: GC ALS
Injection Location:	Dual
Mass Spectrometer	: Enabled

No Sample Prep method has been assigned to this method.

GC	
GC Summary	
Run Time	10.001 min
Post Run Time	0 min
Oven	
Temperature	
Setpoint	On
(Initial)	100 °C
Hold Time	1 min
Post Run	70 °C
Program	
#1 Rate	70 °C/min
#1 Value	280 °C
#1 Hold Time	6.43 min
Equilibration Time	0.5 min
Max Temperature	325 °C
Maximum Temperature Override	Enabled
Slow Fan	Disabled
ALS	
Front Injector	
Syringe Size	10 µL
Injection Volume	1 µL
Solvent A Washes (PreInj)	2
Solvent A Washes (PostInj)	2
Solvent A Volume	4 µL
Solvent B Washes (PreInj)	2
Solvent B Washes (PostInj)	2
Solvent B Volume	4 µL
Sample Washes	1
Sample Wash Volume	1 µL
Sample Pumps	4
Dwell Time (PreInj)	0 min
Dwell Time (PostInj)	0 min
Solvent Wash Draw Speed	300 µL/min
Solvent Wash Dispense Speed	3000 µL/min
Sample Wash Draw Speed	300 µL/min
Sample Wash Dispense Speed	3000 µL/min
Injection Dispense Speed	6000 µL/min
Viscosity Delay	0 sec
Sample Depth	Disabled
Injection Type	Standard
L1 Airgap	0.5 µL

Solvent Wash Mode	A, B
Back Injector	
Syringe Size	10 µL
Injection Volume	1 µL
Solvent A Washes (PreInj)	2
Solvent A Washes (PostInj)	2
Solvent A Volume	4 µL
Solvent B Washes (PreInj)	2
Solvent B Washes (PostInj)	2
Solvent B Volume	4 µL
Sample Washes	1
Sample Wash Volume	1 µL
Sample Pumps	4
Dwell Time (PreInj)	0 min
Dwell Time (PostInj)	0 min
Solvent Wash Draw Speed	300 µL/min
Solvent Wash Dispense Speed	3000 µL/min
Sample Wash Draw Speed	300 µL/min
Sample Wash Dispense Speed	3000 µL/min
Injection Dispense Speed	6000 µL/min
Viscosity Delay	0 sec
Sample Depth	Disabled
Injection Type	Standard
L1 Airgap	0.5 µL
Solvent Wash Mode	A, B
Sample Overlap	
Mode	Sample overlap is not enabled
ALS Errors	Pause for user interaction
Front SS Inlet He	
Helium Conservation Controlled	Off
Mode	Split
Heater	On 250 °C
Pressure	On 8.5 psi
Total Flow	On 45.194 mL/min
Septum Purge Flow	On 3 mL/min
Pre-Run Flow Test	Off
Gas Saver	On 30 After 2 min mL/min
Split Ratio	49.999765616949 :1
Split Flow	41.367 mL/min
Liner	RESTEK 23300: 986 µL (Split/Splitless Straight w/Wool)
Back SS Inlet He	
Helium Conservation Controlled	Off
Mode	Split
Heater	On 250 °C
Pressure	On 15 psi
Total Flow	On 290.17 mL/min
Septum Purge Flow	On 3 mL/min
Pre-Run Flow Test	Off
Gas Saver	On 30 After 2 min mL/min
Split Ratio	50 :1
Split Flow	281.54 mL/min
Liner	RESTEK 23300: 986 µL (Split/Splitless Straight w/Wool)
Column	
Column #1	
Flow	
Setpoint	On
(Initial)	0.82733 mL/min
Post Run	0.3823 mL/min

Column Information	Agilent 19091S-602B
HP-1MS	
Temperature Range	-60 °C—325 °C (350 °C)
Dimensions	12.5 m x 200 µm x 0.33 µm (Calibrated)
Column lock	Unlocked
In	Front SS Inlet He
Out	MSD
(Initial)	100 °C
Pressure	8.5 psi
Flow	0.82733 mL/min
Average Velocity	52.55 cm/sec
Holdup Time	0.39644 min
Control Mode	Constant Flow
Column #2	
Pressure	
Setpoint	On
(Initial)	15 psi
Post Run	0 psi
Column Information	Agilent 19091S-913-B
15m HP1-MS	
Temperature Range	-60 °C—350 °C (400 °C)
Dimensions	15 m x 320 µm x 0.25 µm (Calibrated)
Column lock	Unlocked
In	Back SS Inlet He
Out	Back Detector FID
(Initial)	100 °C
Pressure	15 psi
Flow	5.6309 mL/min
Average Velocity	93.442 cm/sec
Holdup Time	0.26754 min
Control Mode	Constant Pressure
Column Outlet Pressure	0 psi
Back Detector FID	
Makeup	He
Heater	On 300 °C
H2 Flow	On 30 mL/min
Air Flow	On 400 mL/min
Makeup Flow	On 25 mL/min
Carrier Gas Flow Correction	Constant Makeup and Fuel Flow
Flame	On
Helium Conservation	
Helium Valve	Off
Nitrogen Valve	Off
Detector Evaluation	
Perform Detector Evaluation Test	On
Signal Selected	Signal #1: Back Signal (FID) {20 Hz}
Checkout Sample	FID {5188-5372}
MSD Transfer Line	
Temperature	
Setpoint	On
(Initial)	280 °C

Signals

Signal #1: Back Signal	
Description	Back Signal
Details	Back Signal (FID)
Save	On
Data Rate	20 Hz
Dual Injection Assignment	Back Sample
Signal #2:	
Description	None
Signal #3:	
Description	None
Signal #4:	
Description	None
Signal #5:	
Description	None
Signal #6:	
Description	None
Signal #7:	
Description	None
Signal #8:	
Description	None

TUNE PARAMETERS for SN: US2029M031

Trace Ion Detection is OFF.

34.593	:	EMISSION
70.007	:	ENERGY
29.919	:	REPELLER
90.331	:	IONFOCUS
20.181	:	ENTRANCE_LENS
1349.936	:	EMVOLTS
1349.9	:	Actual EMV
0.31	:	GAIN FACTOR
2500.000	:	AMUGAIN
138.750	:	AMUOFFSET
1.000	:	FILAMENT
0.000	:	DCPOLARITY
11.155	:	ENTLENSOFFSET
0.000	:	Ion_Body
0.000	:	EXTLENS
51.000	:	MASSGAIN
-22.000	:	MASSOFFSET

END OF TUNE PARAMETERS

END OF INSTRUMENT CONTROL PARAMETERS

METHOD CONTROL PARAMETERS

Method Information for: D:\MassHunter\GCMS\1\methods\ASGC100.M

Method Sections To Run:

( ) Save Copy of Method With Data
( ) Instrument Control Pre-Run Cmd/Macro =
( ) Data Analysis Pre-Run Cmd/Macro =
(X) Data Acquisition
(X) Data Analysis
( ) Instrument Control Post-Run Cmd/Macro =
( ) Data Analysis Post-Run Cmd/Macro =

Method Comments:
This is an autosample GC 100-280 / 10 minute method

END OF METHOD CONTROL PARAMETERS

D:\MassHunter\GCMS\1\methods\ASGC100.M
Thu Apr 09 14:51:18 2026

Control Information

Sample Inlet	: GC
Injection Source	: GC ALS
Injection Location:	Rear
Mass Spectrometer	: Disabled

No Sample Prep method has been assigned to this method.

GC

GC Summary	
Run Time	10.001 min
Post Run Time	0 min
Oven	
Temperature	
Setpoint	On
(Initial)	100 °C
Hold Time	1 min
Post Run	70 °C
Program	
#1 Rate	70 °C/min
#1 Value	280 °C
#1 Hold Time	6.43 min
Equilibration Time	0.25 min
Max Temperature	325 °C
Maximum Temperature Override	Enabled
Slow Fan	Disabled

ALS

Front Injector	
Syringe Size	10 µL
Injection Volume	1 µL
Solvent A Washes (PreInj)	0
Solvent A Washes (PostInj)	0
Solvent A Volume	4 µL
Solvent B Washes (PreInj)	0
Solvent B Washes (PostInj)	0
Solvent B Volume	4 µL
Sample Washes	0
Sample Wash Volume	1 µL
Sample Pumps	0
Dwell Time (PreInj)	0 min
Dwell Time (PostInj)	0 min
Solvent Wash Draw Speed	300 µL/min
Solvent Wash Dispense Speed	3000 µL/min
Sample Wash Draw Speed	300 µL/min
Sample Wash Dispense Speed	3000 µL/min
Injection Dispense Speed	6000 µL/min
Viscosity Delay	0 sec
Sample Depth	Disabled
Injection Type	Standard
L1 Airgap	0 µL

Solvent Wash Mode	A, B
Back Injector	
Syringe Size	10 µL
Injection Volume	1 µL
Solvent A Washes (PreInj)	2
Solvent A Washes (PostInj)	2
Solvent A Volume	4 µL
Solvent B Washes (PreInj)	2
Solvent B Washes (PostInj)	2
Solvent B Volume	4 µL
Sample Washes	1
Sample Wash Volume	1 µL
Sample Pumps	4
Dwell Time (PreInj)	0 min
Dwell Time (PostInj)	0 min
Solvent Wash Draw Speed	300 µL/min
Solvent Wash Dispense Speed	3000 µL/min
Sample Wash Draw Speed	300 µL/min
Sample Wash Dispense Speed	3000 µL/min
Injection Dispense Speed	6000 µL/min
Viscosity Delay	0 sec
Sample Depth	Disabled
Injection Type	Standard
L1 Airgap	0.5 µL
Solvent Wash Mode	A, B
Sample Overlap	
Mode	Sample overlap is not enabled
ALS Errors	Pause for user interaction
Front SS Inlet He	
Helium Conservation Controlled	Off
Mode	Split
Heater	On 250 °C
Pressure	On 9.4667 psi
Total Flow	On 48.784 mL/min
Septum Purge Flow	On 3 mL/min
Pre-Run Flow Test	Off
Gas Saver	On 30 After 2 min mL/min
Split Ratio	50 :1
Split Flow	44.886 mL/min
Liner	RESTEK 23300: 986 µL (Split/Splitless Straight w/Wool)
Back SS Inlet He	
Helium Conservation Controlled	Off
Mode	Split
Heater	On 250 °C
Pressure	On 15 psi
Total Flow	On 290.17 mL/min
Septum Purge Flow	On 3 mL/min
Pre-Run Flow Test	Off
Gas Saver	On 30 After 2 min mL/min
Split Ratio	50 :1
Split Flow	281.54 mL/min
Liner	RESTEK 23300: 986 µL (Split/Splitless Straight w/Wool)
Column	
Column #1	
Pressure	
Setpoint	On
(Initial)	9.4667 psi
Post Run	0 psi

Column Information	Agilent 19091S-602B
HP-1MS	
Temperature Range	-60 °C—325 °C (350 °C)
Dimensions	12.5 m x 200 µm x 0.33 µm (Calibrated)
Column lock	Unlocked
In	Front SS Inlet He
Out	MSD
(Initial)	100 °C
Pressure	9.4667 psi
Flow	0.89773 mL/min
Average Velocity	54.74 cm/sec
Holdup Time	0.38058 min
Control Mode	Constant Pressure
Column #2	
Pressure	
Setpoint	On
(Initial)	15 psi
Post Run	0 psi
Column Information	Agilent 19091S-913-B
15m HP1-MS	
Temperature Range	-60 °C—350 °C (400 °C)
Dimensions	15 m x 320 µm x 0.25 µm (Calibrated)
Column lock	Unlocked
In	Back SS Inlet He
Out	Back Detector FID
(Initial)	100 °C
Pressure	15 psi
Flow	5.6309 mL/min
Average Velocity	93.442 cm/sec
Holdup Time	0.26754 min
Control Mode	Constant Pressure
Column Outlet Pressure	0 psi
Back Detector FID	
Makeup	He
Heater	On 300 °C
H2 Flow	On 30 mL/min
Air Flow	On 400 mL/min
Makeup Flow	On 25 mL/min
Carrier Gas Flow Correction	Constant Makeup and Fuel Flow
Flame	On
Helium Conservation	
Helium Valve	Off
Nitrogen Valve	Off
Detector Evaluation	
Perform Detector Evaluation Test	On
Signal Selected	Signal #1: Back Signal (FID) {20 Hz}
Checkout Sample	FID {5188-5372}
MSD Transfer Line	
Temperature	
Setpoint	On
(Initial)	280 °C

Signals

Signal #1: Back Signal	
Description	Back Signal
Details	Back Signal (FID)
Save	On
Data Rate	20 Hz
Dual Injection Assignment	Front Sample
Signal #2:	
Description	None
Signal #3:	
Description	None
Signal #4:	
Description	None
Signal #5:	
Description	None
Signal #6:	
Description	None
Signal #7:	
Description	None
Signal #8:	
Description	None

TUNE PARAMETERS for SN: US2029M031

Trace Ion Detection is OFF.

34.593	:	EMISSION	
70.007	:	ENERGY	
29.919	:	REPELLER	
90.331	:	IONFOCUS	
20.181	:	ENTRANCE_LENS	
1349.936	:	EMVOLTS	
		1349.9	: Actual EMV
		0.31	: GAIN FACTOR
2500.000	:	AMUGAIN	
138.750	:	AMUOFFSET	
1.000	:	FILAMENT	
0.000	:	DCPOLARITY	
11.155	:	ENTLENSOFFSET	
0.000	:	Ion_Body	
0.000	:	EXTLENS	
51.000	:	MASSGAIN	
-22.000	:	MASSOFFSET	

END OF TUNE PARAMETERS

END OF INSTRUMENT CONTROL PARAMETERS

METHOD CONTROL PARAMETERS

Method Information for: D:\MassHunter\GCMS\1\methods\ASMSDRUGS200.M

Method Sections To Run:

( ) Save Copy of Method With Data
( ) Instrument Control Pre-Run Cmd/Macro =
( ) Data Analysis Pre-Run Cmd/Macro =
(X) Data Acquisition
(X) Data Analysis
( ) Instrument Control Post-Run Cmd/Macro =
( ) Data Analysis Post-Run Cmd/Macro =

Method Comments:
This is an autosample MS 200-280 / 10 minute method

END OF METHOD CONTROL PARAMETERS

Single Quadrupole Acquisition Method - MS Parameters Report

Method file	D:\MassHunter\GCMS\1\methods\ASMSDRUGS200.M
Tune file	ATUNE.U
Ion source	EI
Source temperature (°C)	230
Quad temperature (°C)	150
Fixed Electron energy (eV)	70.0
Acquisition Type	Scan
Stop time (min)	10.00
Solvent delay (min)	1.00
Trace Ion Detection	False
Gain Factor	1
EM Saver	False
EM Saver Limit	N/A

Scan Time Segments

Time	Start Mass	End Mass	Threshold	Scan Speed
1.00	40	550	150	6,250 [N=0]

Timed Events

Time	Type of Event	Parameter

Real-Time Plots

Type of Plot	Label	Low Mass	High Mass
Total Ion	N/A	N/A	N/A
Extracted Ion	Scan 1-1	40	550

Self-Cleaning Ion Source Parameters

Mode	No Cleaning

D:\MassHunter\GCMS\1\methods\ASMSDRUGS200.M
Fri Apr 10 11:04:36 2026

Control Information

Sample Inlet	: GC
Injection Source	: GC ALS
Injection Location:	Front
Mass Spectrometer	: Enabled

No Sample Prep method has been assigned to this method.

GC

GC Summary	
Run Time	10.013 min
Post Run Time	0 min
Oven	
Temperature	
Setpoint	On
(Initial)	200 °C
Hold Time	1 min
Post Run	70 °C
Program	
#1 Rate	70 °C/min
#1 Value	280 °C
#1 Hold Time	7.87 min
Equilibration Time	0.5 min
Max Temperature	325 °C
Maximum Temperature Override	Enabled
Slow Fan	Disabled

ALS

Front Injector	
Syringe Size	10 µL
Injection Volume	1 µL
Solvent A Washes (PreInj)	2
Solvent A Washes (PostInj)	2
Solvent A Volume	4 µL
Solvent B Washes (PreInj)	2
Solvent B Washes (PostInj)	2
Solvent B Volume	4 µL
Sample Washes	1
Sample Wash Volume	1 µL
Sample Pumps	4
Dwell Time (PreInj)	0 min
Dwell Time (PostInj)	0 min
Solvent Wash Draw Speed	300 µL/min
Solvent Wash Dispense Speed	3000 µL/min
Sample Wash Draw Speed	300 µL/min
Sample Wash Dispense Speed	3000 µL/min
Injection Dispense Speed	6000 µL/min
Viscosity Delay	0 sec
Sample Depth	Disabled
Injection Type	Standard
L1 Airgap	0.5 µL

Solvent Wash Mode	A, B
Back Injector	
Syringe Size	10 µL
Injection Volume	1 µL
Solvent A Washes (PreInj)	0
Solvent A Washes (PostInj)	0
Solvent A Volume	2 µL
Solvent B Washes (PreInj)	0
Solvent B Washes (PostInj)	0
Solvent B Volume	2 µL
Sample Washes	0
Sample Wash Volume	2 µL
Sample Pumps	0
Dwell Time (PreInj)	0 min
Dwell Time (PostInj)	0 min
Solvent Wash Draw Speed	300 µL/min
Solvent Wash Dispense Speed	6000 µL/min
Sample Wash Draw Speed	300 µL/min
Sample Wash Dispense Speed	6000 µL/min
Injection Dispense Speed	6000 µL/min
Viscosity Delay	0 sec
Sample Depth	Disabled
Injection Type	Standard
L1 Airgap	0.2 µL
Solvent Wash Mode	A, B
Sample Overlap	
Mode	Sample overlap is not enabled
ALS Errors	Pause for user interaction
Front SS Inlet He	
Helium Conservation Controlled	Off
Mode	Split
Heater	On 250 °C
Pressure	On 13.58 psi
Total Flow	On 45.075 mL/min
Septum Purge Flow	On 3 mL/min
Pre-Run Flow Test	Off
Gas Saver	On 30 After 2 min mL/min
Split Ratio	50 :1
Split Flow	41.25 mL/min
Liner	RESTEK 23300: 986 µL (Split/Splitless Straight w/Wool)
Back SS Inlet He	
Helium Conservation Controlled	Off
Mode	Split
Heater	On 250 °C
Pressure	On 13.544 psi
Total Flow	On 171.3 mL/min
Septum Purge Flow	On 3 mL/min
Pre-Run Flow Test	Off
Gas Saver	On 30 After 2 min mL/min
Split Ratio	50 :1
Split Flow	165 mL/min
Liner	RESTEK 23300: 986 µL (Split/Splitless Straight w/Wool)
Column	
Column #1	
Flow	
Setpoint	On
(Initial)	0.82501 mL/min
Post Run	0.3823 mL/min

Column Information	Agilent 19091S-602B
HP-1MS	
Temperature Range	-60 °C–325 °C (350 °C)
Dimensions	12.5 m x 200 µm x 0.33 µm (Calibrated)
Column lock	Unlocked
In	Front SS Inlet He
Out	MSD
(Initial)	200 °C
Pressure	13.58 psi
Flow	0.82501 mL/min
Average Velocity	54.508 cm/sec
Holdup Time	0.3822 min
Control Mode	Constant Flow
Column #2	
Flow	
Setpoint	On
(Initial)	3.3 mL/min
Post Run	0 mL/min
Column Information	Agilent 19091S-913-B
15m HP1-MS	
Temperature Range	-60 °C–350 °C (400 °C)
Dimensions	15 m x 320 µm x 0.25 µm (Calibrated)
Column lock	Unlocked
In	Back SS Inlet He
Out	Back Detector FID
(Initial)	200 °C
Pressure	13.544 psi
Flow	3.3 mL/min
Average Velocity	72.133 cm/sec
Holdup Time	0.34658 min
Control Mode	Constant Flow
Column Outlet Pressure	0 psi
Back Detector FID	
Makeup	He
Heater	On 300 °C
H2 Flow	Off
Air Flow	Off
Makeup Flow	Off
Carrier Gas Flow Correction	Constant Makeup and Fuel Flow
Flame	Off
Helium Conservation	
Helium Valve	Off
Nitrogen Valve	Off
Detector Evaluation	
Perform Detector Evaluation Test	Off
Signal Selected	Signal #1: Back Signal (FID) {20 Hz}
Checkout Sample	FID {5188-5372}
MSD Transfer Line	
Temperature	
Setpoint	On
(Initial)	280 °C

Signals

Signal #1: Back Signal	
Description	Back Signal
Details	Back Signal (FID)
Save	Off
Data Rate	20 Hz
Dual Injection Assignment	Front Sample
Signal #2:	
Description	None
Signal #3:	
Description	None
Signal #4:	
Description	None
Signal #5:	
Description	None
Signal #6:	
Description	None
Signal #7:	
Description	None
Signal #8:	
Description	None

TUNE PARAMETERS for SN: US2029M031

Trace Ion Detection is OFF.

34.593	:	EMISSION
70.007	:	ENERGY
29.919	:	REPELLER
90.331	:	IONFOCUS
20.181	:	ENTRANCE_LENS
1349.936	:	EMVOLTS
1349.9	:	Actual EMV
0.31	:	GAIN FACTOR
2500.000	:	AMUGAIN
138.750	:	AMUOFFSET
1.000	:	FILAMENT
0.000	:	DCPOLARITY
11.155	:	ENTLENSOFFSET
0.000	:	Ion_Body
0.000	:	EXTLENS
51.000	:	MASSGAIN
-22.000	:	MASSOFFSET

END OF TUNE PARAMETERS

END OF INSTRUMENT CONTROL PARAMETERS

METHOD CONTROL PARAMETERS

Method Information for: D:\MassHunter\GCMS\1\methods\DTDRUGS200.M

Method Sections To Run:

( ) Save Copy of Method With Data
( ) Instrument Control Pre-Run Cmd/Macro =
( ) Data Analysis Pre-Run Cmd/Macro =
(X) Data Acquisition
(X) Data Analysis
(X) Instrument Control Post-Run Cmd/Macro =
(X) Data Analysis Post-Run Cmd/Macro =

Method Comments:
This is an autosample MS and GC Dual Tower 200-280 / 10 minute method.

END OF METHOD CONTROL PARAMETERS

Single Quadrupole Acquisition Method - MS Parameters Report

Method file	D:\MassHunter\GCMS\1\methods\DTDRUGS200.M
Tune file	ATUNE.U
Ion source	EI
Source temperature (°C)	230
Quad temperature (°C)	150
Fixed Electron energy (eV)	70.0
Acquisition Type	Scan
Stop time (min)	10.00
Solvent delay (min)	1.00
Trace Ion Detection	False
Gain Factor	1
EM Saver	False
EM Saver Limit	N/A

Scan Time Segments

Time	Start Mass	End Mass	Threshold	Scan Speed
1.00	40	550	150	6,250 [N=0]

Timed Events

Time	Type of Event	Parameter

Real-Time Plots

Type of Plot	Label	Low Mass	High Mass
Total Ion	N/A	N/A	N/A
Extracted Ion	Scan 1-1	40	550

Self-Cleaning Ion Source Parameters

Mode	No Cleaning

D:\MassHunter\GCMS\1\methods\DTDRUGS200.M
Fri Apr 10 11:06:36 2026

Control Information

Sample Inlet	: GC
Injection Source	: GC ALS
Injection Location:	Dual
Mass Spectrometer	: Enabled

No Sample Prep method has been assigned to this method.

GC

GC Summary	
Run Time	10.013 min
Post Run Time	0 min
Oven	
Temperature	
Setpoint	On
(Initial)	200 °C
Hold Time	1 min
Post Run	70 °C
Program	
#1 Rate	70 °C/min
#1 Value	280 °C
#1 Hold Time	7.87 min
Equilibration Time	0.5 min
Max Temperature	325 °C
Maximum Temperature Override	Enabled
Slow Fan	Disabled

ALS

Front Injector	
Syringe Size	10 µL
Injection Volume	1 µL
Solvent A Washes (PreInj)	2
Solvent A Washes (PostInj)	2
Solvent A Volume	4 µL
Solvent B Washes (PreInj)	2
Solvent B Washes (PostInj)	2
Solvent B Volume	4 µL
Sample Washes	1
Sample Wash Volume	1 µL
Sample Pumps	4
Dwell Time (PreInj)	0 min
Dwell Time (PostInj)	0 min
Solvent Wash Draw Speed	300 µL/min
Solvent Wash Dispense Speed	3000 µL/min
Sample Wash Draw Speed	300 µL/min
Sample Wash Dispense Speed	3000 µL/min
Injection Dispense Speed	6000 µL/min
Viscosity Delay	0 sec
Sample Depth	Disabled
Injection Type	Standard
L1 Airgap	0.5 µL

Solvent Wash Mode	A, B
Back Injector	
Syringe Size	10 µL
Injection Volume	1 µL
Solvent A Washes (PreInj)	2
Solvent A Washes (PostInj)	2
Solvent A Volume	4 µL
Solvent B Washes (PreInj)	2
Solvent B Washes (PostInj)	2
Solvent B Volume	4 µL
Sample Washes	1
Sample Wash Volume	1 µL
Sample Pumps	4
Dwell Time (PreInj)	0 min
Dwell Time (PostInj)	0 min
Solvent Wash Draw Speed	300 µL/min
Solvent Wash Dispense Speed	3000 µL/min
Sample Wash Draw Speed	300 µL/min
Sample Wash Dispense Speed	3000 µL/min
Injection Dispense Speed	6000 µL/min
Viscosity Delay	0 sec
Sample Depth	Disabled
Injection Type	Standard
L1 Airgap	0.5 µL
Solvent Wash Mode	A, B
Sample Overlap	
Mode	Sample overlap is not enabled
ALS Errors	Pause for user interaction
Front SS Inlet He	
Helium Conservation Controlled	Off
Mode	Split
Heater	On 250 °C
Pressure	On 13.58 psi
Total Flow	On 45.075 mL/min
Septum Purge Flow	On 3 mL/min
Pre-Run Flow Test	Off
Gas Saver	On 30 After 2 min mL/min
Split Ratio	50 :1
Split Flow	41.25 mL/min
Liner	RESTEK 23300: 986 µL (Split/Splitless Straight w/Wool)
Back SS Inlet He	
Helium Conservation Controlled	Off
Mode	Split
Heater	On 250 °C
Pressure	On 15 psi
Total Flow	On 192.71 mL/min
Septum Purge Flow	Off
Pre-Run Flow Test	Off
Gas Saver	On 30 After 2 min mL/min
Split Ratio	50 :1
Split Flow	188.93 mL/min
Liner	RESTEK 23300: 986 µL (Split/Splitless Straight w/Wool)
Column	
Column #1	
Flow	
Setpoint	On
(Initial)	0.82501 mL/min
Post Run	0.3823 mL/min

Column Information	Agilent 19091S-602B
HP-1MS	
Temperature Range	-60 °C—325 °C (350 °C)
Dimensions	12.5 m x 200 µm x 0.33 µm (Calibrated)
Column lock	Unlocked
In	Front SS Inlet He
Out	MSD
(Initial)	200 °C
Pressure	13.58 psi
Flow	0.82501 mL/min
Average Velocity	54.508 cm/sec
Holdup Time	0.3822 min
Control Mode	Constant Flow
Column #2	
Pressure	
Setpoint	On
(Initial)	15 psi
Post Run	0 psi
Column Information	Agilent 19091S-913-B
15m HP1-MS	
Temperature Range	-60 °C—350 °C (400 °C)
Dimensions	15 m x 320 µm x 0.25 µm (Calibrated)
Column lock	Unlocked
In	Back SS Inlet He
Out	Back Detector FID
(Initial)	200 °C
Pressure	15 psi
Flow	3.7787 mL/min
Average Velocity	79.511 cm/sec
Holdup Time	0.31442 min
Control Mode	Constant Pressure
Column Outlet Pressure	0 psi
Back Detector FID	
Makeup	He
Heater	On 300 °C
H2 Flow	On 30 mL/min
Air Flow	On 400 mL/min
Makeup Flow	On 25 mL/min
Carrier Gas Flow Correction	Constant Makeup and Fuel Flow
Flame	On
Helium Conservation	
Helium Valve	Off
Nitrogen Valve	Off
Detector Evaluation	
Perform Detector Evaluation Test	On
Signal Selected	Signal #1: Back Signal (FID) {20 Hz}
Checkout Sample	FID {5188-5372}
MSD Transfer Line	
Temperature	
Setpoint	On
(Initial)	280 °C

Signals

Signal #1: Back Signal	
Description	Back Signal
Details	Back Signal (FID)
Save	On
Data Rate	20 Hz
Dual Injection Assignment	Back Sample
Signal #2:	
Description	None
Signal #3:	
Description	None
Signal #4:	
Description	None
Signal #5:	
Description	None
Signal #6:	
Description	None
Signal #7:	
Description	None
Signal #8:	
Description	None

TUNE PARAMETERS for SN: US2029M031

Trace Ion Detection is OFF.

34.593	:	EMISSION	
70.007	:	ENERGY	
29.919	:	REPELLER	
90.331	:	IONFOCUS	
20.181	:	ENTRANCE_LENS	
1349.936	:	EMVOLTS	
		1349.9	: Actual EMV
		0.31	: GAIN FACTOR
2500.000	:	AMUGAIN	
138.750	:	AMUOFFSET	
1.000	:	FILAMENT	
0.000	:	DCPOLARITY	
11.155	:	ENTLENSOFFSET	
0.000	:	Ion_Body	
0.000	:	EXTLENS	
51.000	:	MASSGAIN	
-22.000	:	MASSOFFSET	

END OF TUNE PARAMETERS

END OF INSTRUMENT CONTROL PARAMETERS

METHOD CONTROL PARAMETERS

Method Information for: D:\MassHunter\GCMS\1\methods\ASGC200.M

Method Sections To Run:

( ) Save Copy of Method With Data
( ) Instrument Control Pre-Run Cmd/Macro =
( ) Data Analysis Pre-Run Cmd/Macro =
(X) Data Acquisition
(X) Data Analysis
( ) Instrument Control Post-Run Cmd/Macro =
( ) Data Analysis Post-Run Cmd/Macro =

Method Comments:
This is an autosample GC 200-280 / 10 minute method

END OF METHOD CONTROL PARAMETERS

INSTRUMENT CONTROL PARAMETERS: Quincy

D:\MassHunter\GCMS\1\methods\ASGC200.M
Fri Apr 10 11:08:19 2026

Control Information

Sample Inlet	: GC
Injection Source	: GC ALS
Injection Location:	Rear
Mass Spectrometer	: Disabled

No Sample Prep method has been assigned to this method.

GC

GC Summary	
Run Time	10.013 min
Post Run Time	0 min
Oven	
Temperature	
Setpoint	On
(Initial)	200 °C
Hold Time	1 min
Post Run	70 °C
Program	
#1 Rate	70 °C/min
#1 Value	280 °C
#1 Hold Time	7.87 min
Equilibration Time	0.25 min
Max Temperature	325 °C
Maximum Temperature Override	Enabled
Slow Fan	Disabled

ALS

Front Injector	
Syringe Size	10 µL
Injection Volume	1 µL
Solvent A Washes (PreInj)	0
Solvent A Washes (PostInj)	0
Solvent A Volume	4 µL
Solvent B Washes (PreInj)	0
Solvent B Washes (PostInj)	0
Solvent B Volume	4 µL
Sample Washes	0
Sample Wash Volume	1 µL
Sample Pumps	0
Dwell Time (PreInj)	0 min
Dwell Time (PostInj)	0 min
Solvent Wash Draw Speed	300 µL/min
Solvent Wash Dispense Speed	3000 µL/min
Sample Wash Draw Speed	300 µL/min
Sample Wash Dispense Speed	3000 µL/min
Injection Dispense Speed	6000 µL/min
Viscosity Delay	0 sec
Sample Depth	Disabled
Injection Type	Standard
L1 Airgap	0 µL

Solvent Wash Mode	A, B
Back Injector	
Syringe Size	10 µL
Injection Volume	1 µL
Solvent A Washes (PreInj)	2
Solvent A Washes (PostInj)	2
Solvent A Volume	4 µL
Solvent B Washes (PreInj)	2
Solvent B Washes (PostInj)	2
Solvent B Volume	4 µL
Sample Washes	1
Sample Wash Volume	1 µL
Sample Pumps	4
Dwell Time (PreInj)	0 min
Dwell Time (PostInj)	0 min
Solvent Wash Draw Speed	300 µL/min
Solvent Wash Dispense Speed	3000 µL/min
Sample Wash Draw Speed	300 µL/min
Sample Wash Dispense Speed	3000 µL/min
Injection Dispense Speed	6000 µL/min
Viscosity Delay	0 sec
Sample Depth	Disabled
Injection Type	Standard
L1 Airgap	0.5 µL
Solvent Wash Mode	A, B
Sample Overlap	
Mode	Sample overlap is not enabled
ALS Errors	Pause for user interaction
Front SS Inlet He	
Helium Conservation Controlled	Off
Mode	Split
Heater	On 250 °C
Pressure	On 14.8 psi
Total Flow	On 48.784 mL/min
Septum Purge Flow	On 3 mL/min
Pre-Run Flow Test	Off
Gas Saver	On 30 After 2 min mL/min
Split Ratio	50 :1
Split Flow	44.886 mL/min
Liner	RESTEK 23300: 986 µL (Split/Splitless Straight w/Wool)
Back SS Inlet He	
Helium Conservation Controlled	Off
Mode	Split
Heater	On 250 °C
Pressure	On 15 psi
Total Flow	On 192.71 mL/min
Septum Purge Flow	Off
Pre-Run Flow Test	Off
Gas Saver	On 30 After 2 min mL/min
Split Ratio	50 :1
Split Flow	188.93 mL/min
Liner	RESTEK 23300: 986 µL (Split/Splitless Straight w/Wool)
Column	
Column #1	
Pressure	
Setpoint	On
(Initial)	14.8 psi
Post Run	0 psi

Column Information	Agilent 19091S-602B
HP-1MS	
Temperature Range	-60 °C–325 °C (350 °C)
Dimensions	12.5 m x 200 µm x 0.33 µm (Calibrated)
Column lock	Unlocked
In	Front SS Inlet He
Out	MSD
(Initial)	200 °C
Pressure	14.8 psi
Flow	0.89773 mL/min
Average Velocity	56.86 cm/sec
Holdup Time	0.3664 min
Control Mode	Constant Pressure
Column #2	
Pressure	
Setpoint	On
(Initial)	15 psi
Post Run	0 psi
Column Information	Agilent 19091S-913-B
15m HP1-MS	
Temperature Range	-60 °C–350 °C (400 °C)
Dimensions	15 m x 320 µm x 0.25 µm (Calibrated)
Column lock	Unlocked
In	Back SS Inlet He
Out	Back Detector FID
(Initial)	200 °C
Pressure	15 psi
Flow	3.7787 mL/min
Average Velocity	79.511 cm/sec
Holdup Time	0.31442 min
Control Mode	Constant Pressure
Column Outlet Pressure	0 psi
Back Detector FID	
Makeup	He
Heater	On 300 °C
H2 Flow	On 30 mL/min
Air Flow	On 400 mL/min
Makeup Flow	On 25 mL/min
Carrier Gas Flow Correction	Constant Makeup and Fuel Flow
Flame	On
Helium Conservation	
Helium Valve	Off
Nitrogen Valve	Off
Detector Evaluation	
Perform Detector Evaluation Test	On
Signal Selected	Signal #1: Back Signal (FID) {20 Hz}
Checkout Sample	FID {5188-5372}
MSD Transfer Line	
Temperature	
Setpoint	On
(Initial)	280 °C

Signals

Signal #1: Back Signal	
Description	Back Signal
Details	Back Signal (FID)
Save	On
Data Rate	20 Hz
Dual Injection Assignment	Front Sample
Signal #2:	
Description	None
Signal #3:	
Description	None
Signal #4:	
Description	None
Signal #5:	
Description	None
Signal #6:	
Description	None
Signal #7:	
Description	None
Signal #8:	
Description	None

TUNE PARAMETERS for SN: US2029M031

Trace Ion Detection is OFF.

34.593	:	EMISSION	
70.007	:	ENERGY	
29.919	:	REPELLER	
90.331	:	IONFOCUS	
20.181	:	ENTRANCE_LENS	
1349.936	:	EMVOLTS	
		1349.9	: Actual EMV
		0.31	: GAIN FACTOR
2500.000	:	AMUGAIN	
138.750	:	AMUOFFSET	
1.000	:	FILAMENT	
0.000	:	DCPOLARITY	
11.155	:	ENTLENSOFFSET	
0.000	:	Ion_Body	
0.000	:	EXTLENS	
51.000	:	MASSGAIN	
-22.000	:	MASSOFFSET	

END OF TUNE PARAMETERS

END OF INSTRUMENT CONTROL PARAMETERS

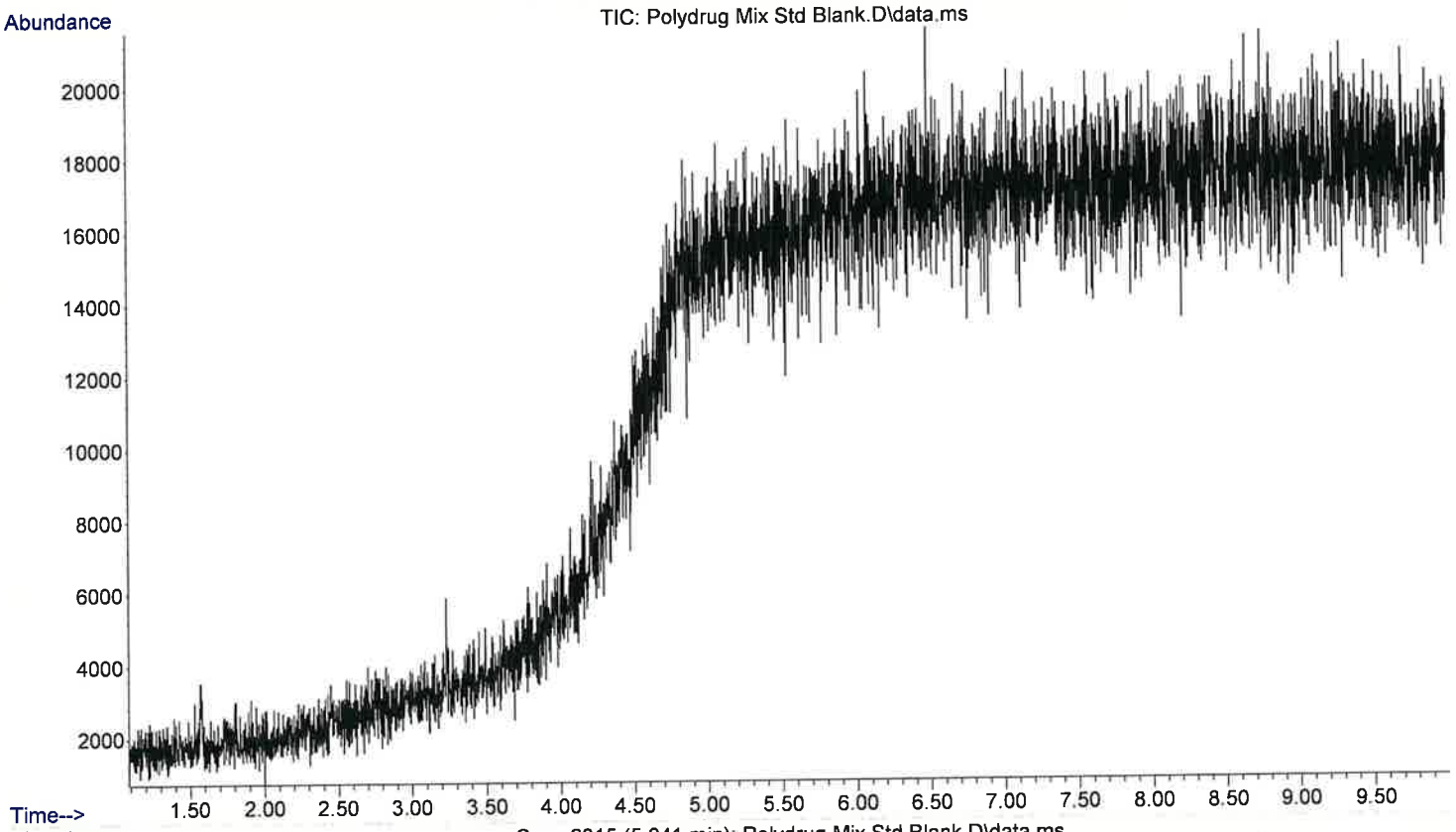
Dual Tower Injection Starting on 3-6-25

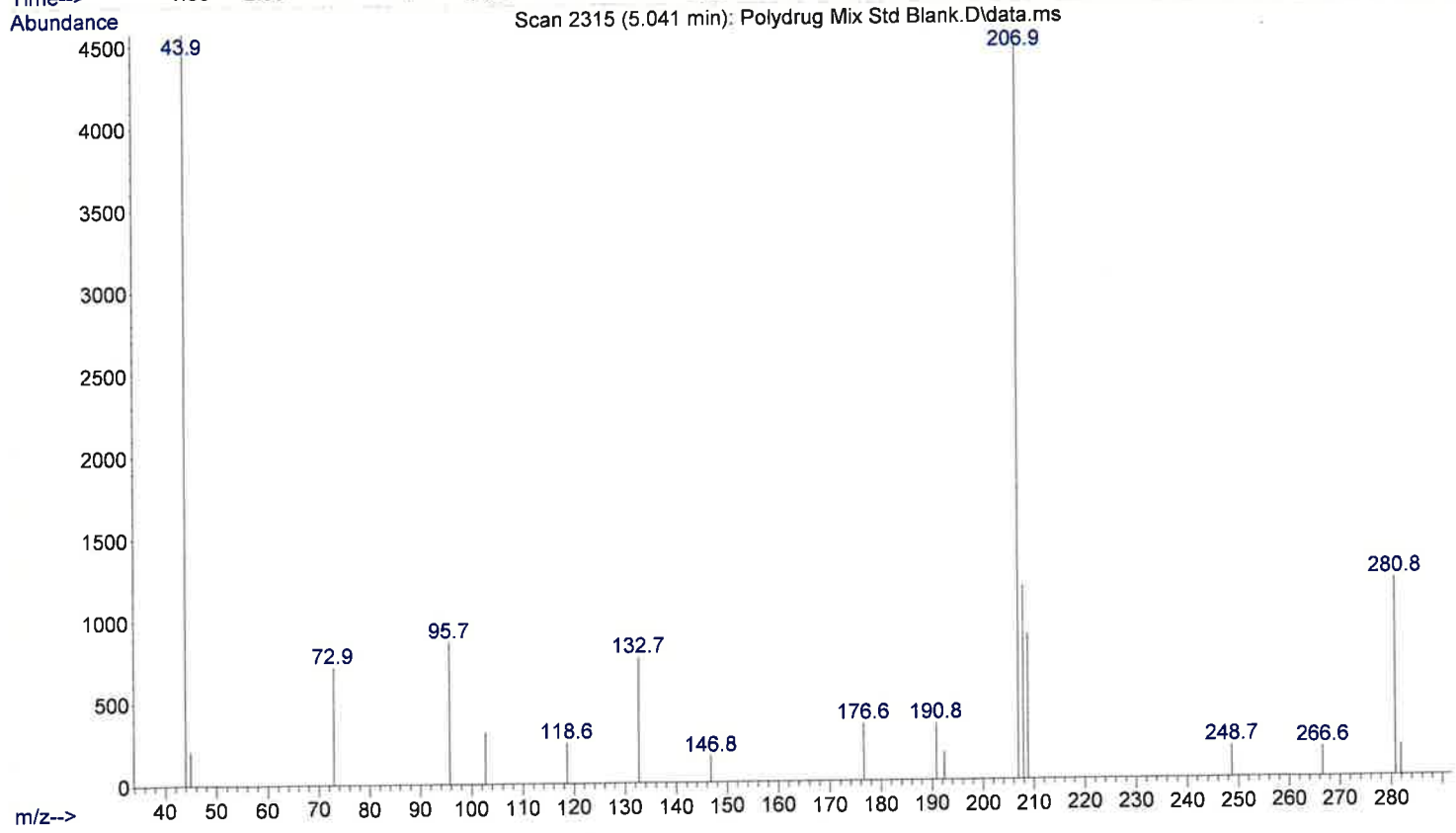
	DTDRUGS100	2%	(-)	(+)	ASGC100	
Polydrug Mix:	**3/6/2025**				**3/6/2025**	
Xylazine	**3.314**	0.06628	3.24772	3.38028	**3.207**	
4-ANPP	**4.287**	0.08574	4.20126	4.37274	**4.244**	
Heroin	**4.612**	0.09224	4.51976	4.70424	**4.594**	
Para-fluorofentanyl	**4.731**	0.09462	4.63638	4.82562	**4.721**	
Fentanyl	**4.798**	0.09596	4.70204	4.89396	**4.796**	
Methamphetamine	**1.549**	0.03098	1.51802	1.57998	**1.243**	Outside of Range
GCMS Calibration Mix:						
Pethidine	**2.902**	0.05804	2.84396	2.96004	**2.782**	Outside of Range
Cocaine	**3.771**	0.07542	3.69558	3.84642	**3.729**	
Hydrocodone	**4.223**	0.08446	4.13854	4.30746	**4.217**	
Alprazolam	**5.264**	0.10528	5.15872	5.36928	**5.365**	
Delta-9-THC	**4.312**	0.08624	4.22576	4.39824	**4.323**	

	DTDRUGS200	2%	(-)	(+)	ASGC200	
Polydrug Mix:	**3/11/25 (15:39PM)**				**3/10/25 (10:38AM)**	**Outside 24 Hours**
Xylazine	**1.784**	0.03568	1.74832	1.81968	**1.302**	Outside of Range
4-ANPP	**2.86**	0.0572	2.8028	2.9172	**2.302**	Outside of Range
Heroin	**3.302**	0.06604	3.23596	3.36804	**2.625**	Outside of Range
Para-fluorofentanyl	**3.47**	0.0694	3.4006	3.5394	**2.746**	Outside of Range
Fentanyl	**3.582**	0.07164	3.51036	3.65364	**2.819**	Outside of Range
GCMS Calibration Mix:	**3/11/25 (16:29PM)**				**3/10/25 (11:27AM)**	**Outside 24 Hours**
Pethidine	**1.371**	0.02742	1.34358	1.39842	**0.892**	Outside of Range
Cocaine	**2.306**	0.04612	2.25988	2.35212	**1.809**	Outside of Range
Hydrocodone	**2.838**	0.05676	2.78124	2.89476	**2.268**	Outside of Range
	3/11/25 (16:04PM)				**3/10/25 (11:02AM)**	**Outside 24 Hours**
BTMPS	**5.095**	0.1019	4.9931	5.1969	**3.817**	Outside of Range
	3/11/25 (16:54PM)				**3/31/25 (11:39AM)**	**Outside 24 Hours**
Buprenorphine	**8.084**	0.16168	7.92232	8.24568	**5.68**	Outside of Range
	3/11/25 (17:20PM)				**3/10/25 (12:15PM)**	**Outside 24 Hours**
Isotonitazene	**7.646**	0.15292	7.49308	7.79892	**5.386**	Outside of Range

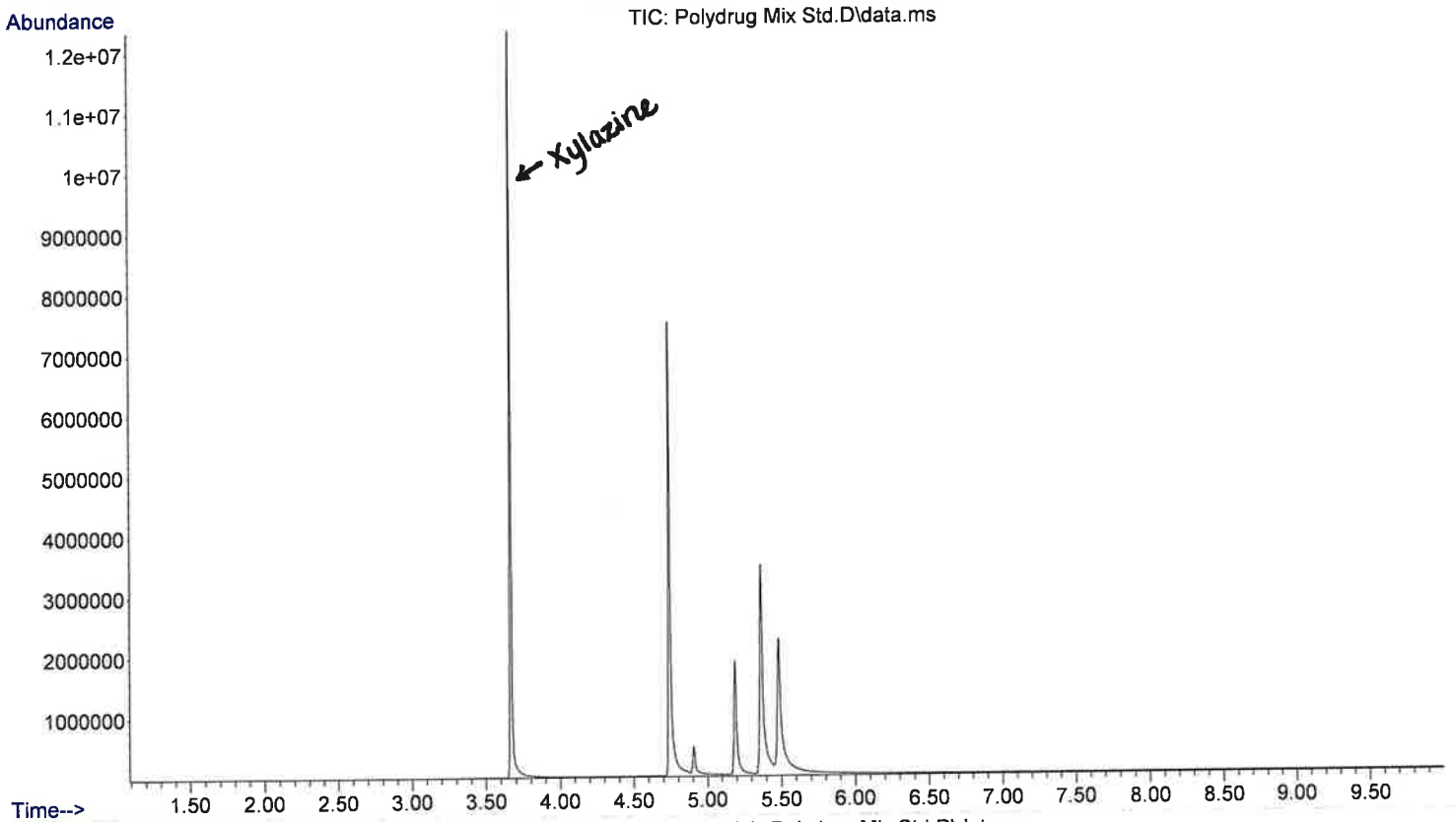
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Operator : IS
Instrument : Quincy
Acquired : 06 Mar 2025 12:08 using AcqMethod ASMSDRUGS100.M
Sample Name: Polydrug Mix Std Blank
Misc Info : Meoh

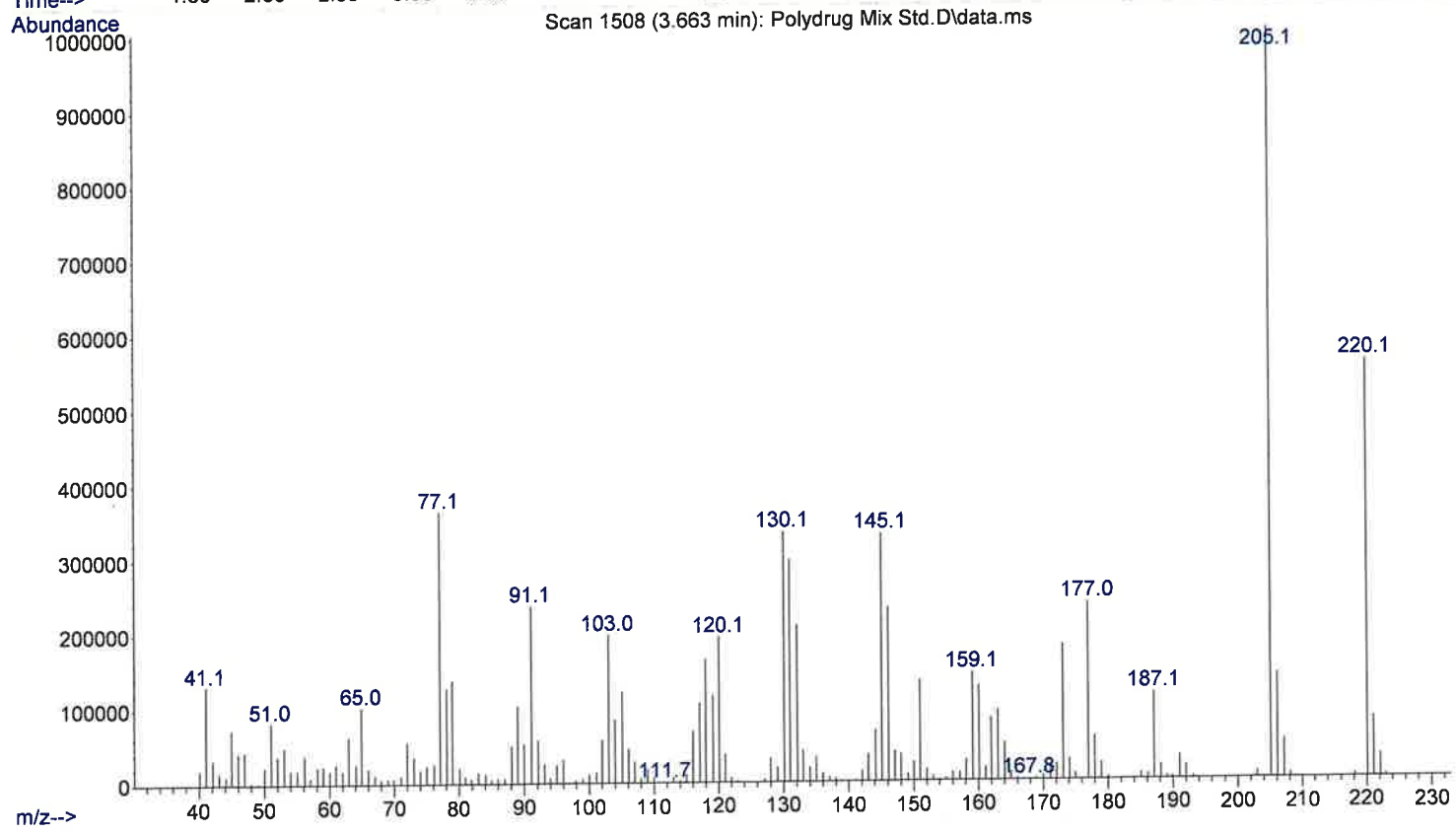
NC3D



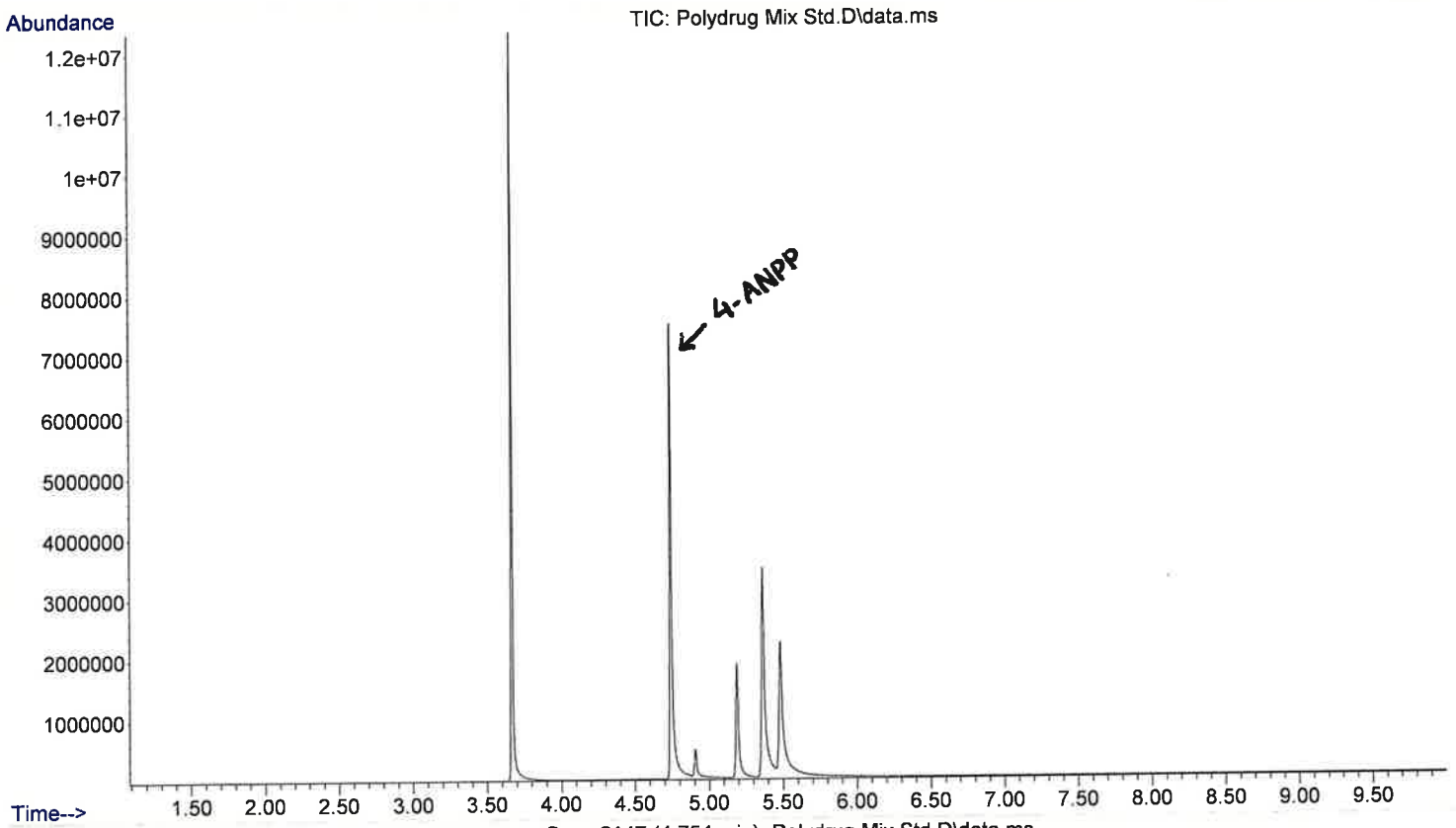


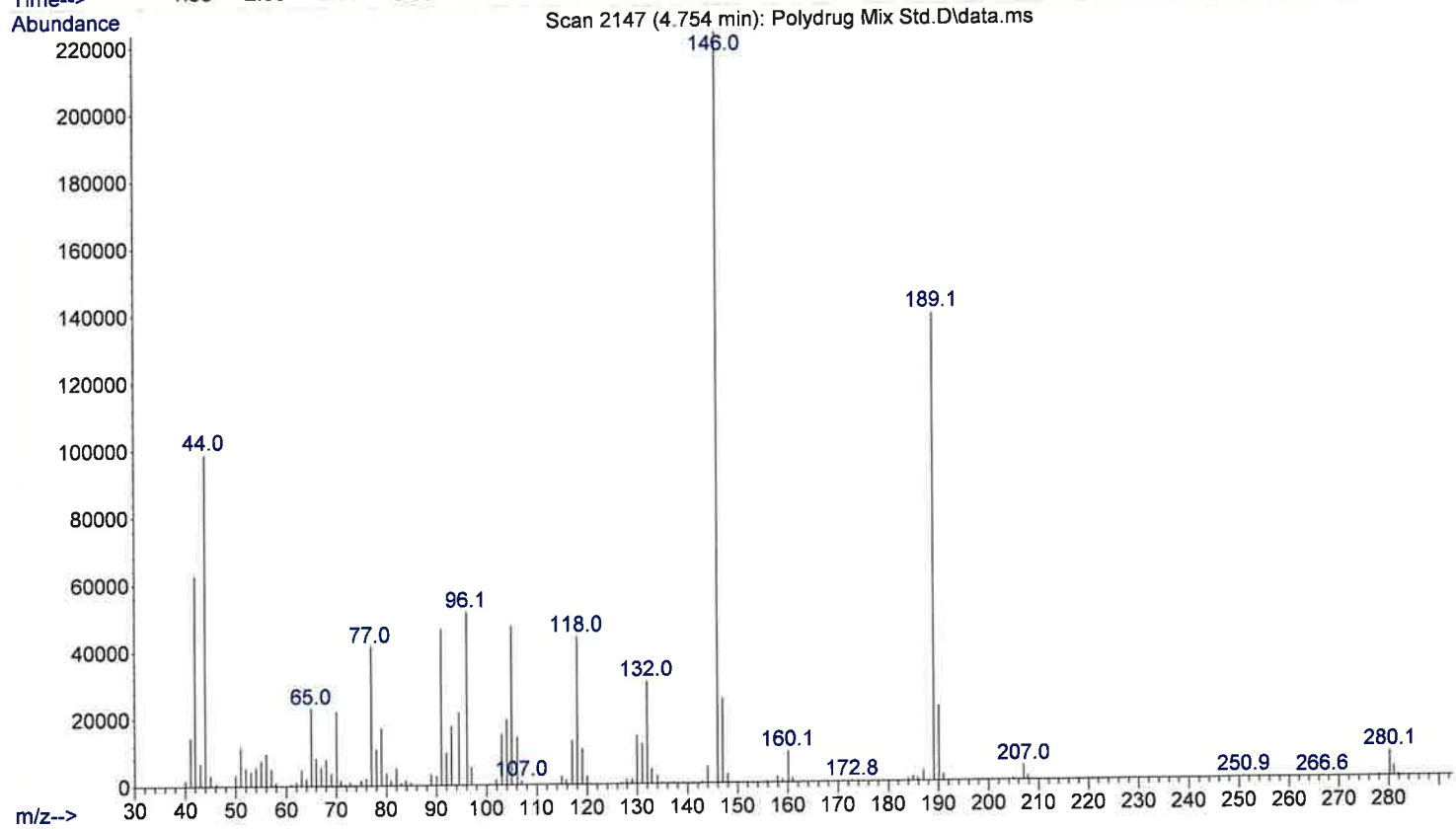
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Operator : IS
Instrument : Quincy
Acquired : 06 Mar 2025 12:21 using AcqMethod ASMSDRUGS100.M
Sample Name: Polydrug Mix Std
Misc Info : Meoh,Exp 12-11-25



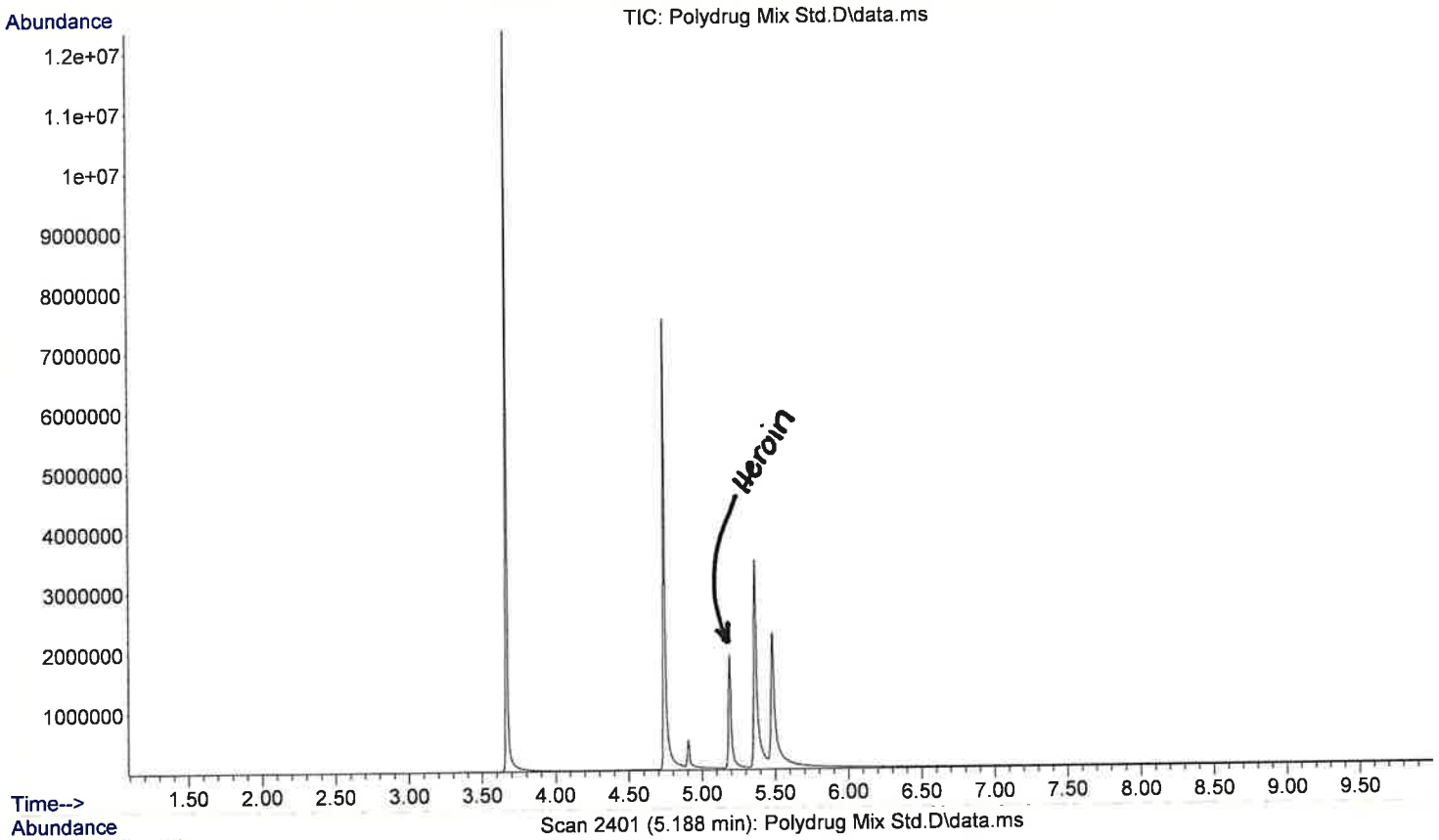


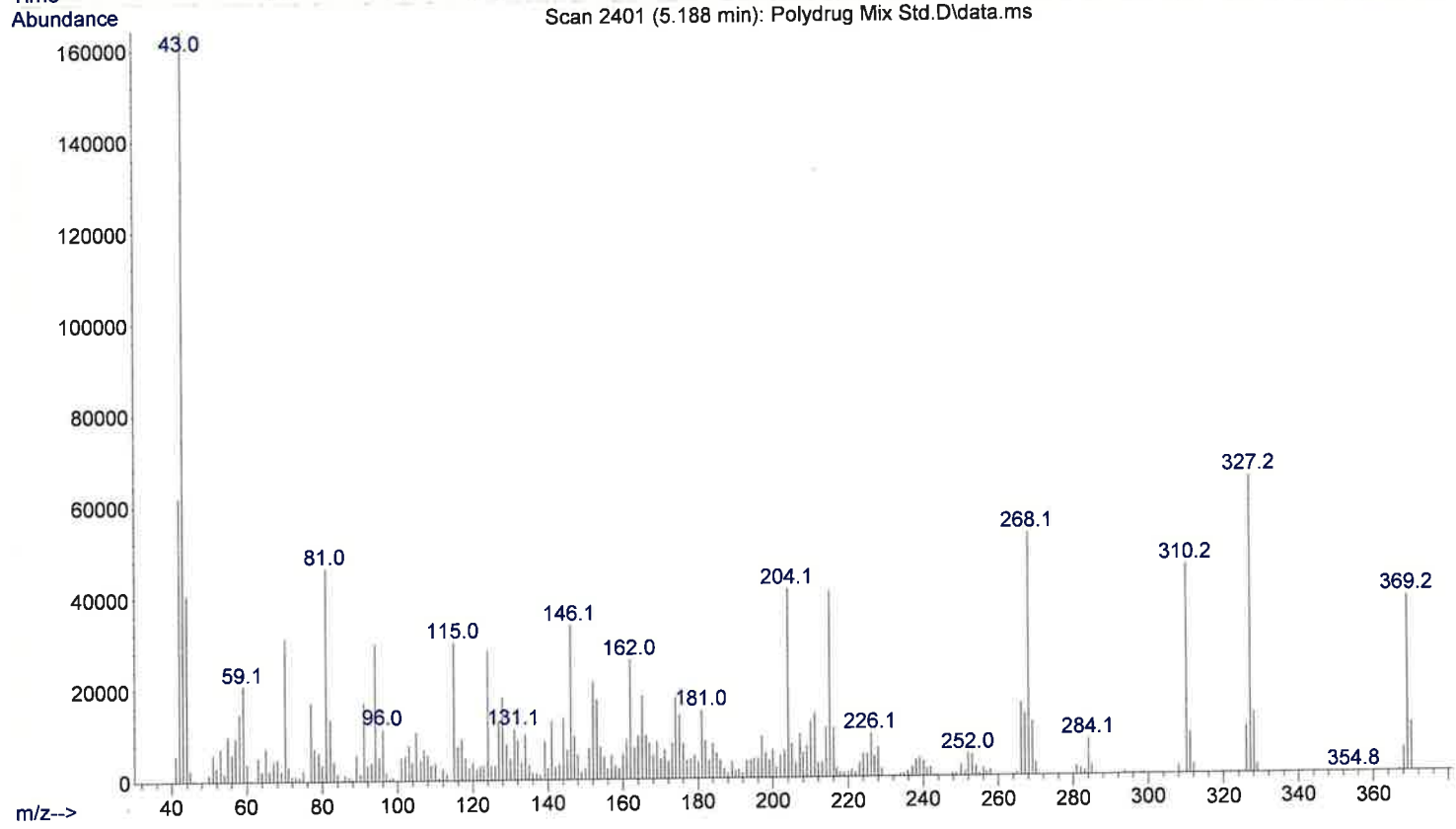
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... alidation\03-06-25\Polydrug Mix Std.D
Operator : IS
Instrument : Quincy
Acquired : 06 Mar 2025 12:21 using AcqMethod ASMSDRUGS100.M
Sample Name: Polydrug Mix Std
Misc Info : Meoh,Exp 12-11-25



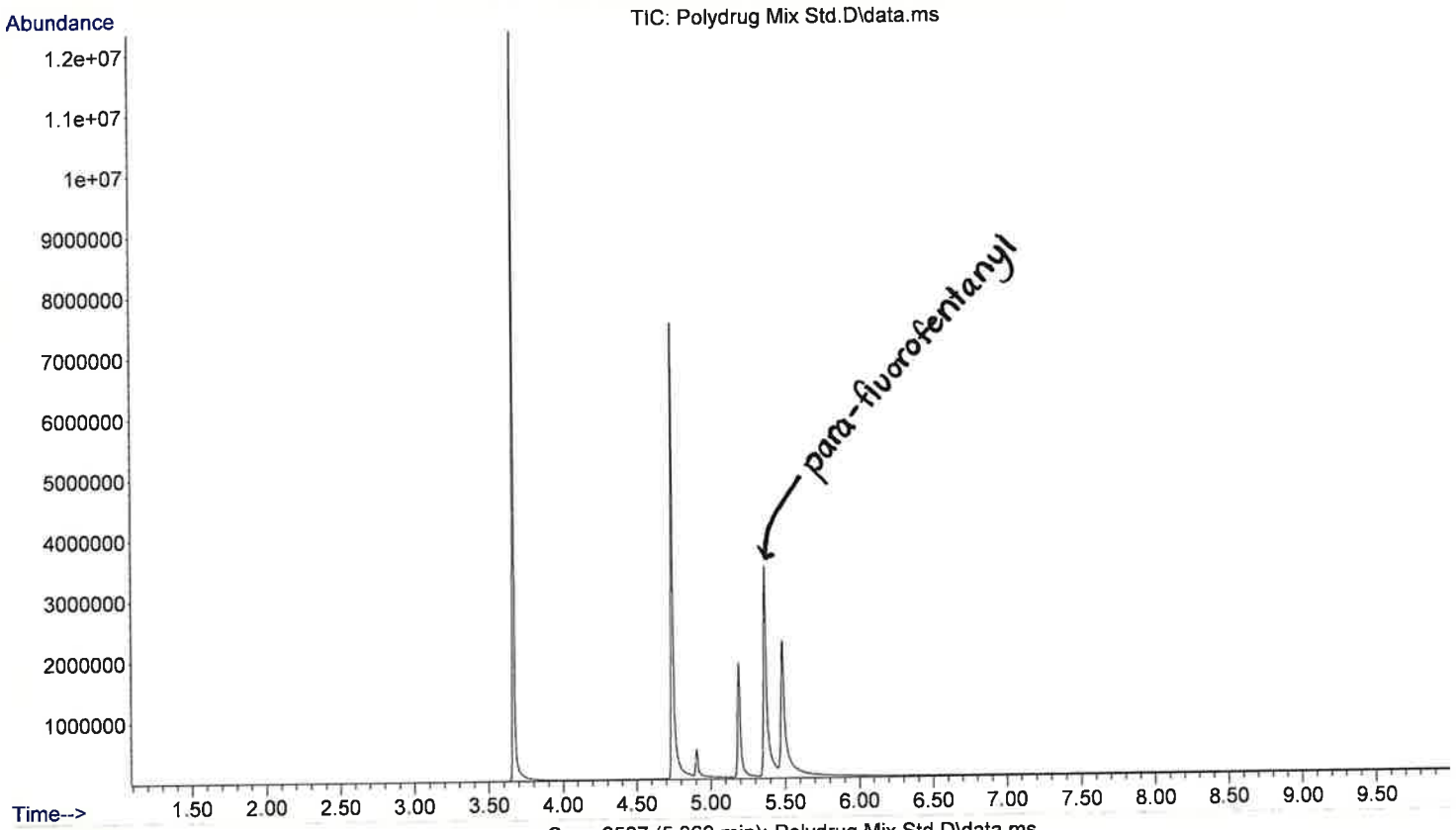


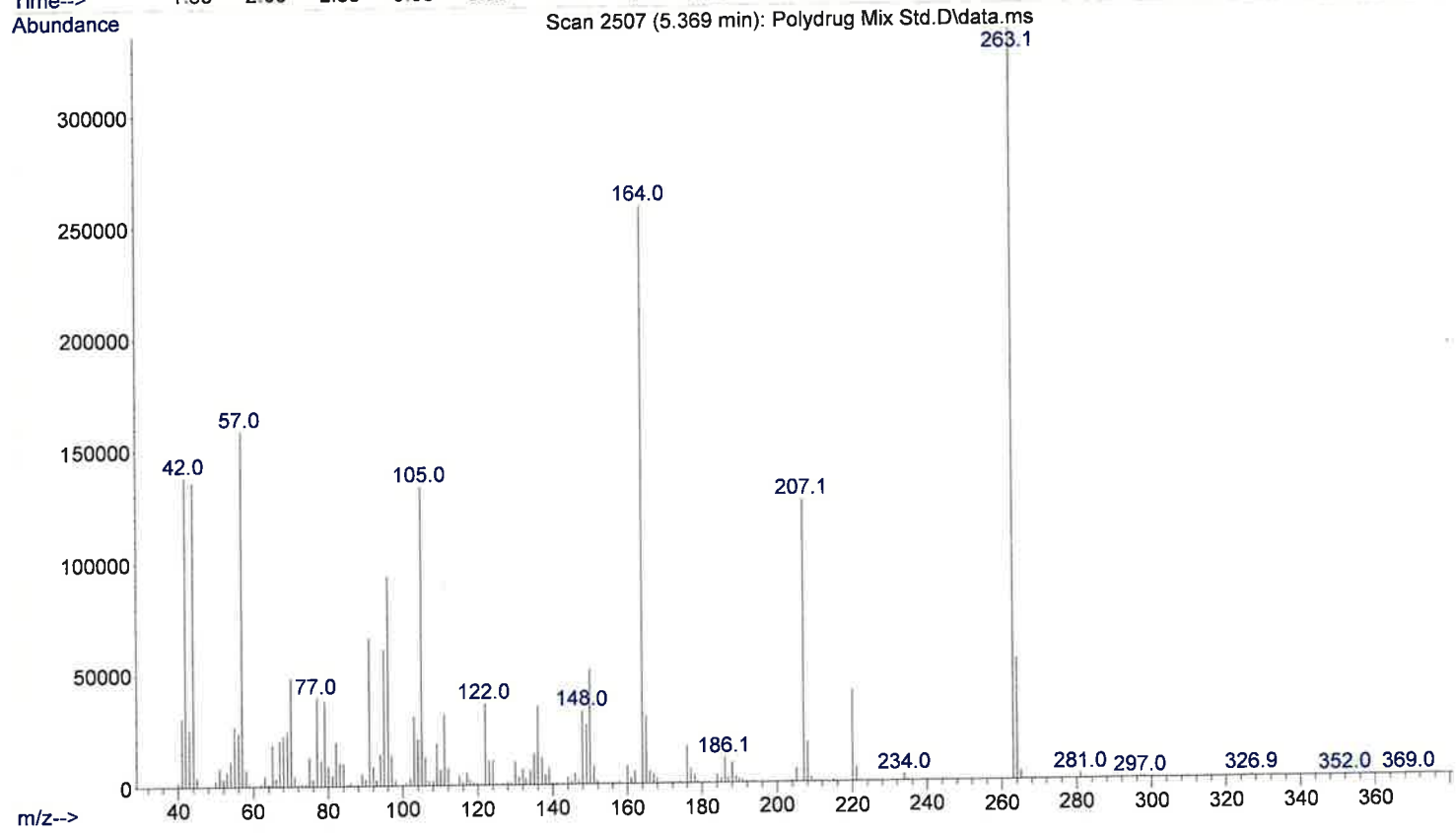
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Instrument : Quincy
Acquired : 06 Mar 2025 12:21 using AcqMethod ASMSDRUGS100.M
Sample Name: Polydrug Mix Std
Misc Info : Meoh,Exp 12-11-25



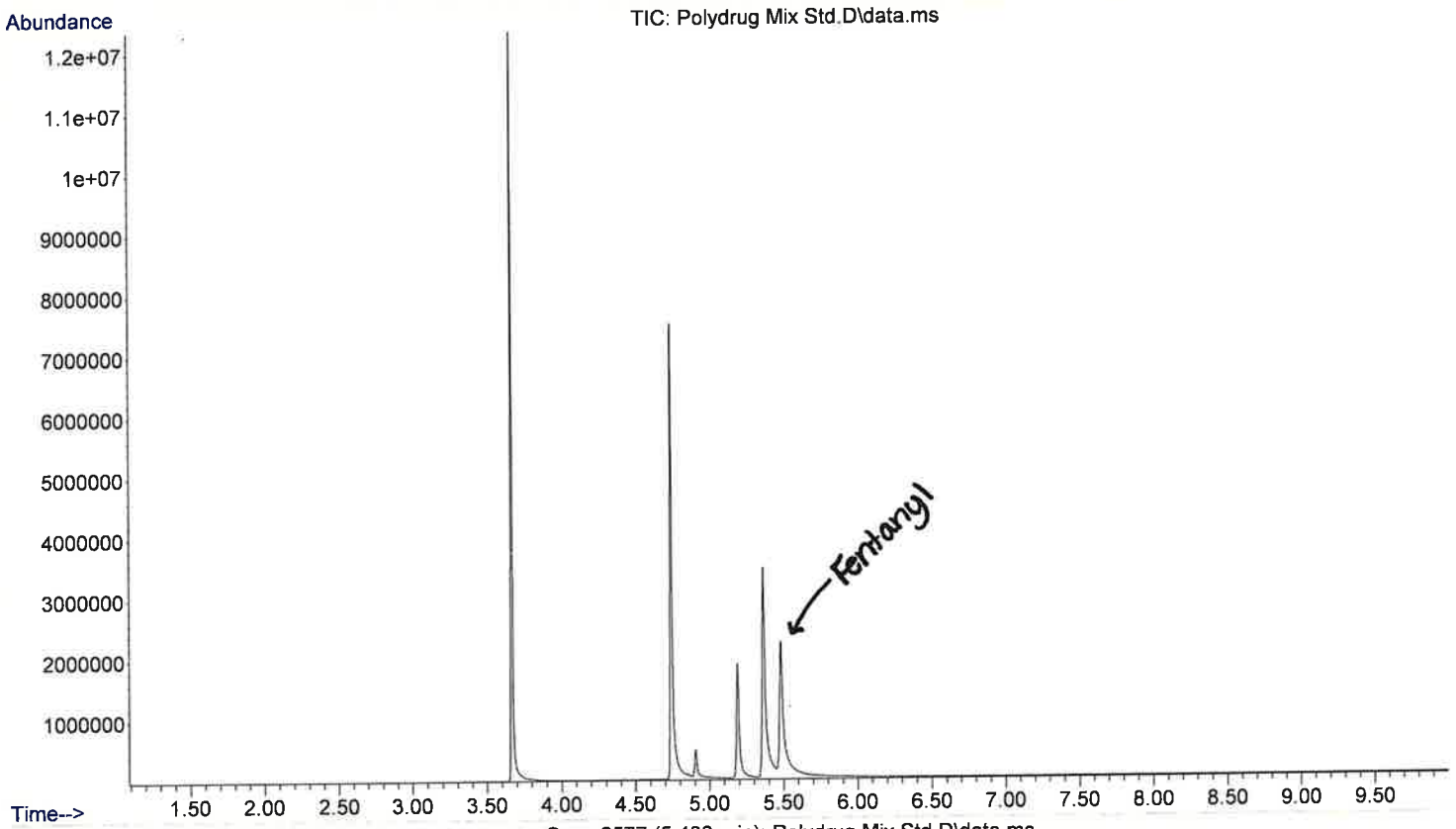


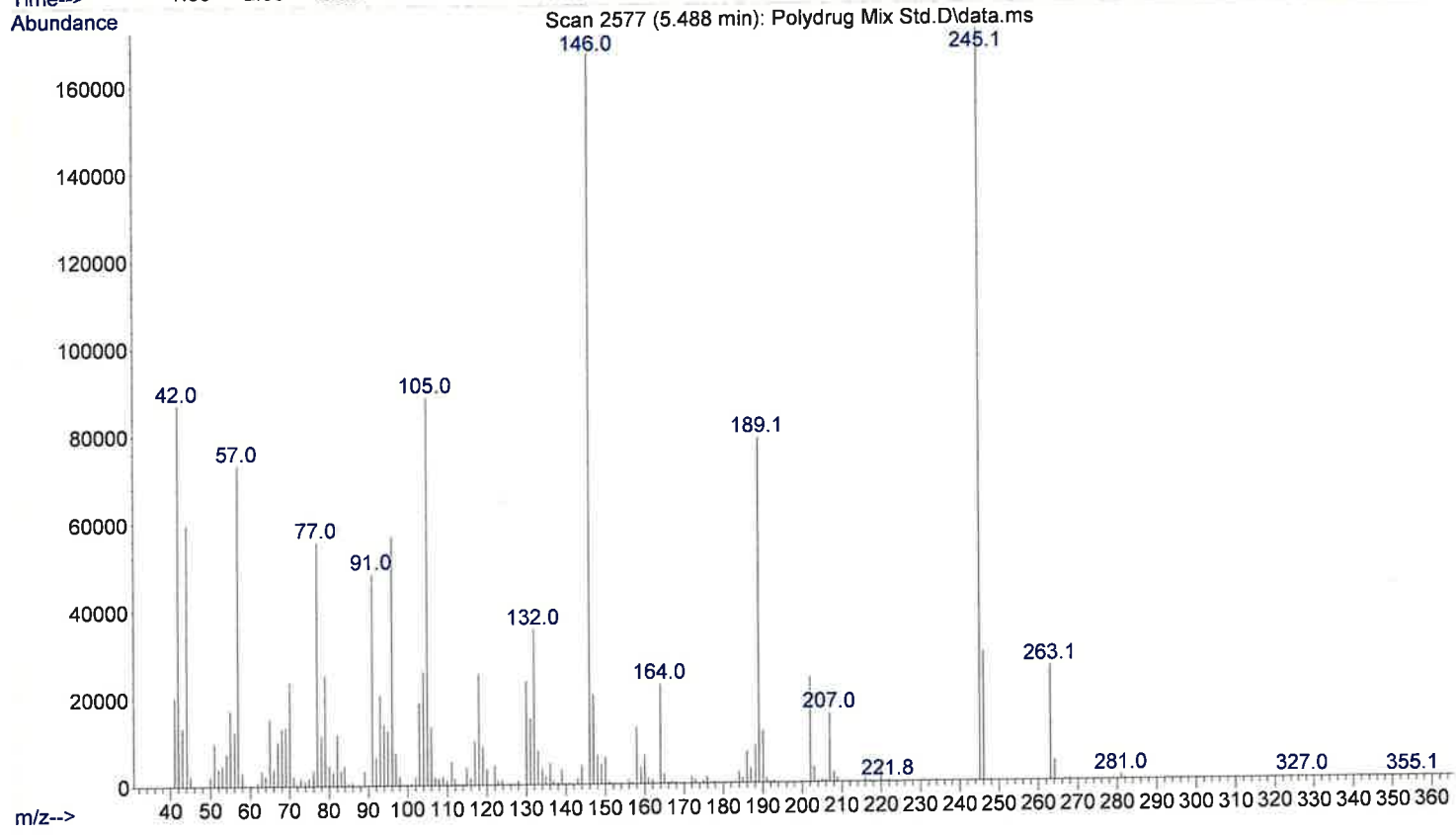
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Instrument : Quincy
Acquired : 06 Mar 2025 12:21 using AcqMethod ASMSDRUGS100.M
Sample Name: Polydrug Mix Std
Misc Info : Meoh,Exp 12-11-25





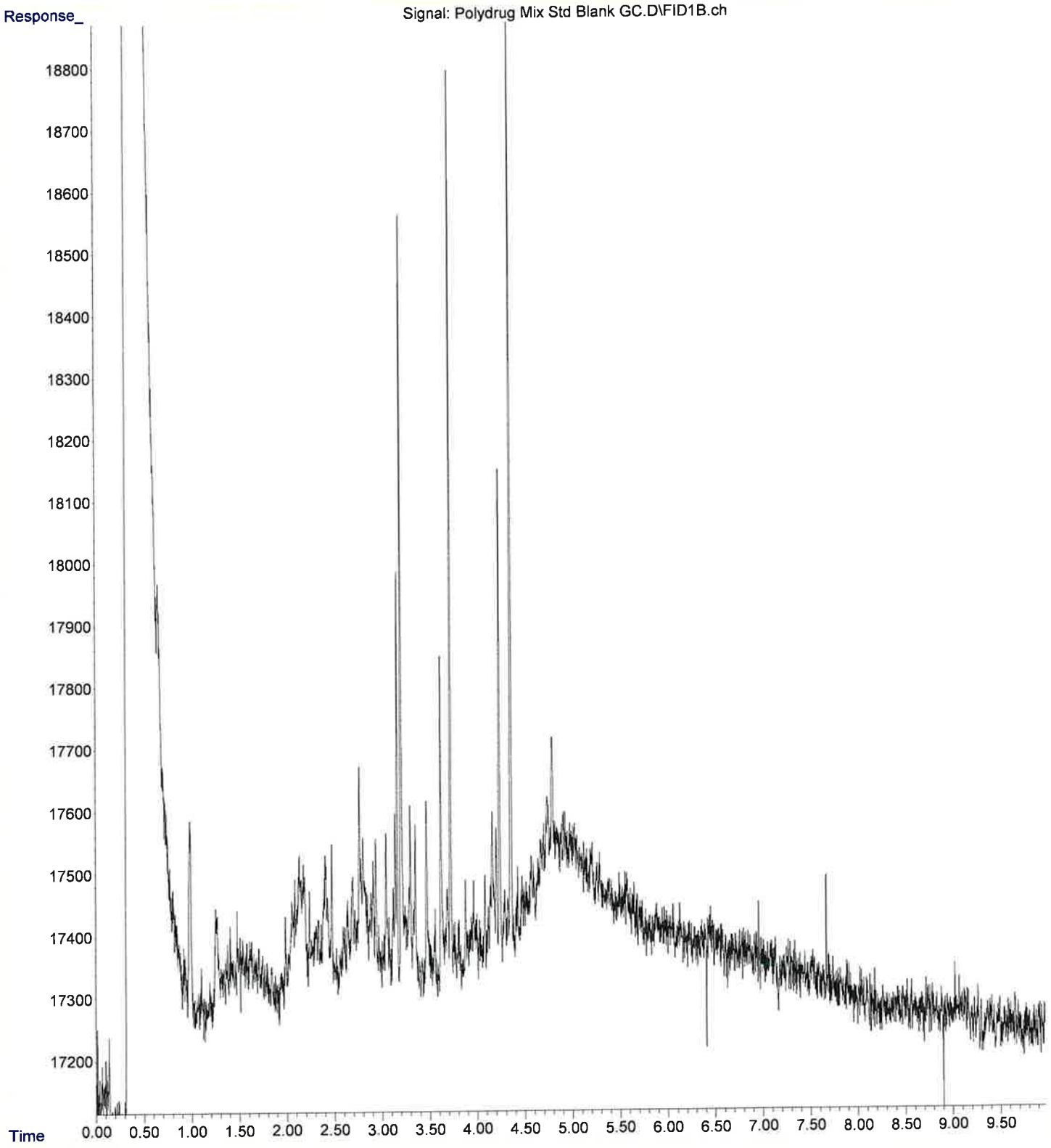
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Instrument : Quincy
Acquired : 06 Mar 2025 12:21 using AcqMethod ASMSDRUGS100.M
Sample Name: Polydrug Mix Std
Misc Info : Meoh,Exp 12-11-25



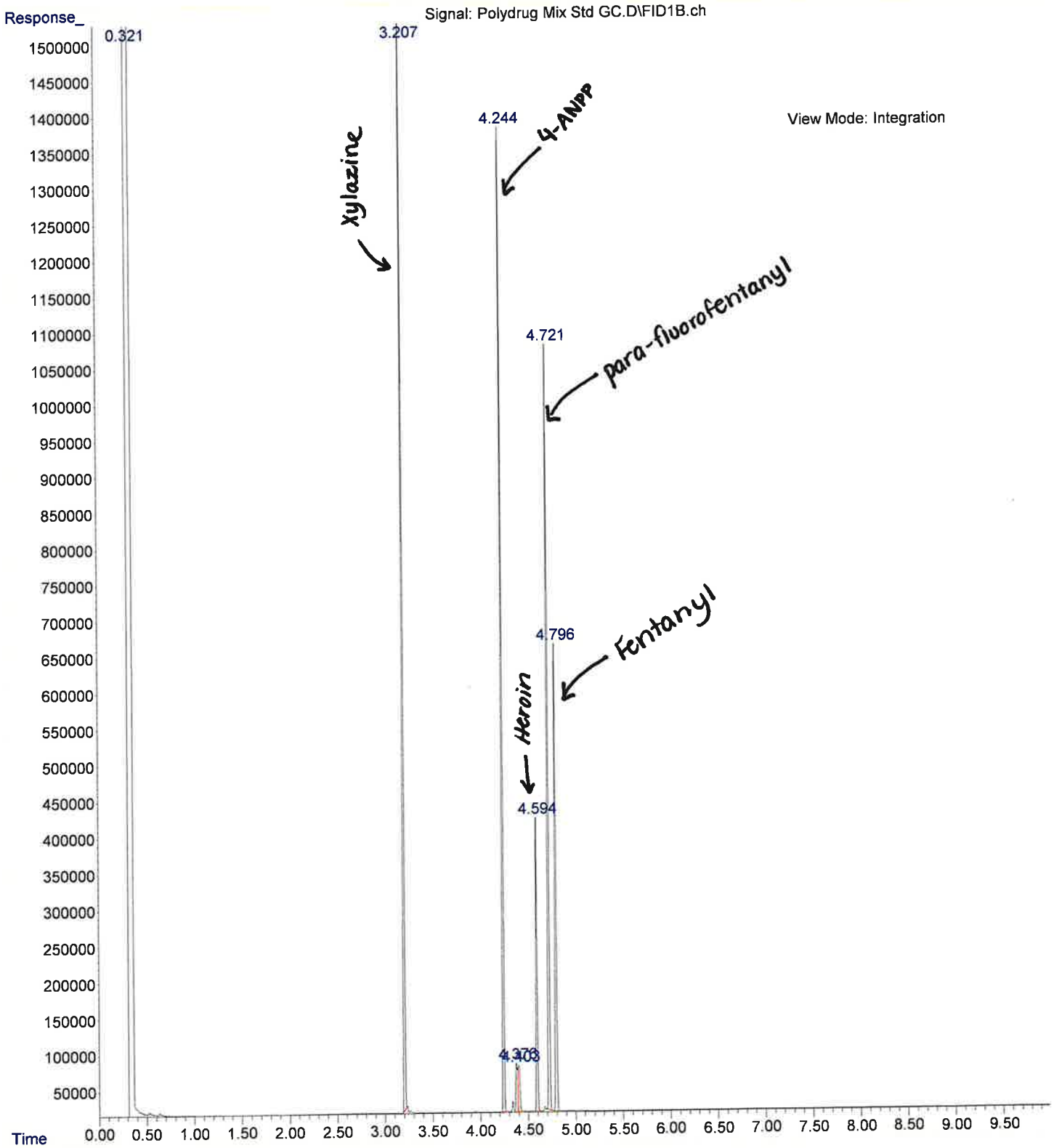


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...         alidation\03-06-25\Polydrug Mix Std Blank GC.D
Operator   : IS
Instrument :   Quincy
Acquired   : 06 Mar 2025  15:36     using AcqMethod ASGC100.M
Sample Name: Polydrug Mix Std Blank GC
Misc Info  : Meoh
```

NCSD



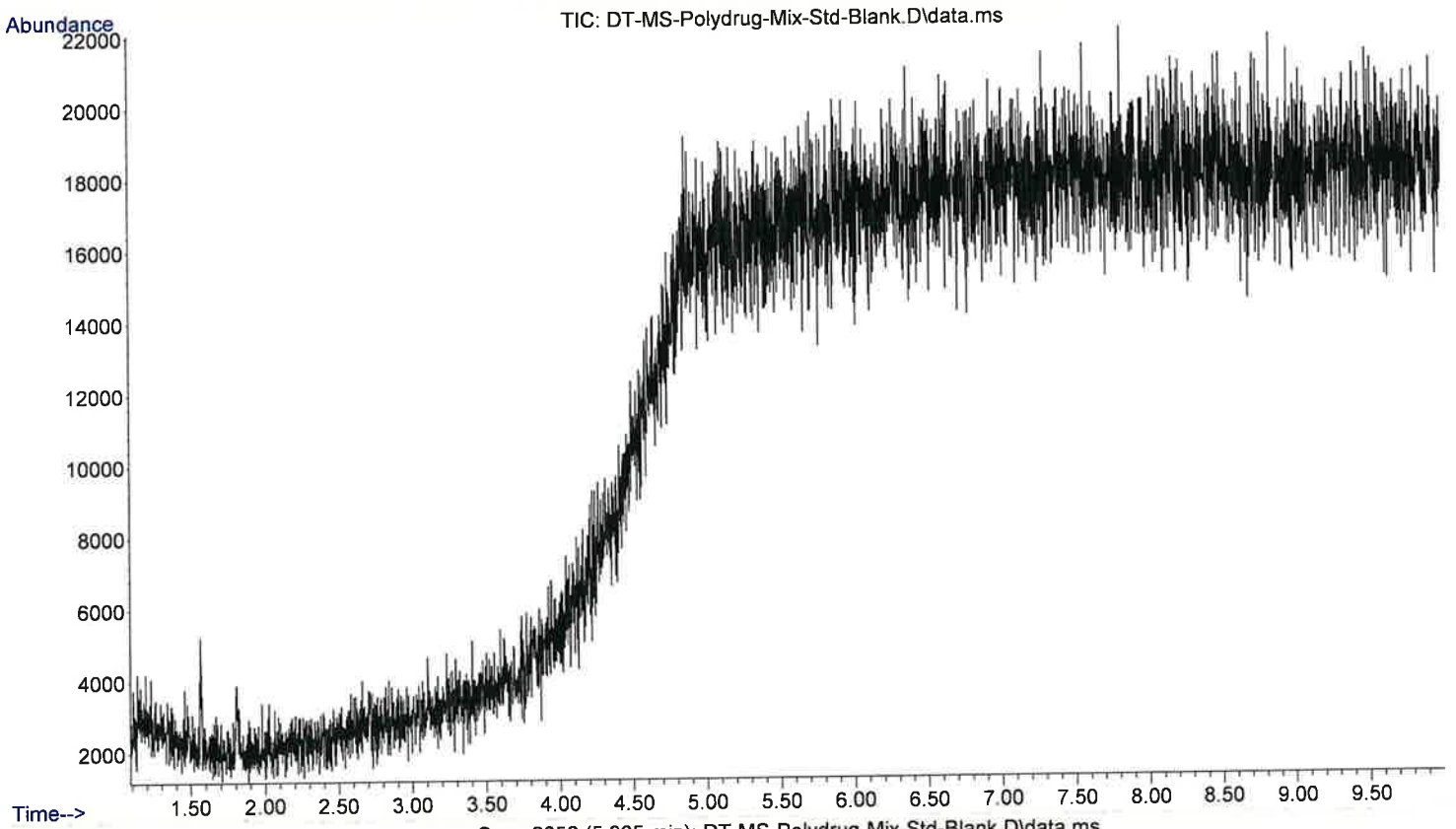
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... alidation\03-06-25\Polydrug Mix Std GC.D
Operator : IS
Instrument : Quincy
Acquired : 06 Mar 2025 15:49 using AcqMethod ASGC100.M
Sample Name: Polydrug Mix Std GC
Misc Info : Meoh,Exp 12-11-25

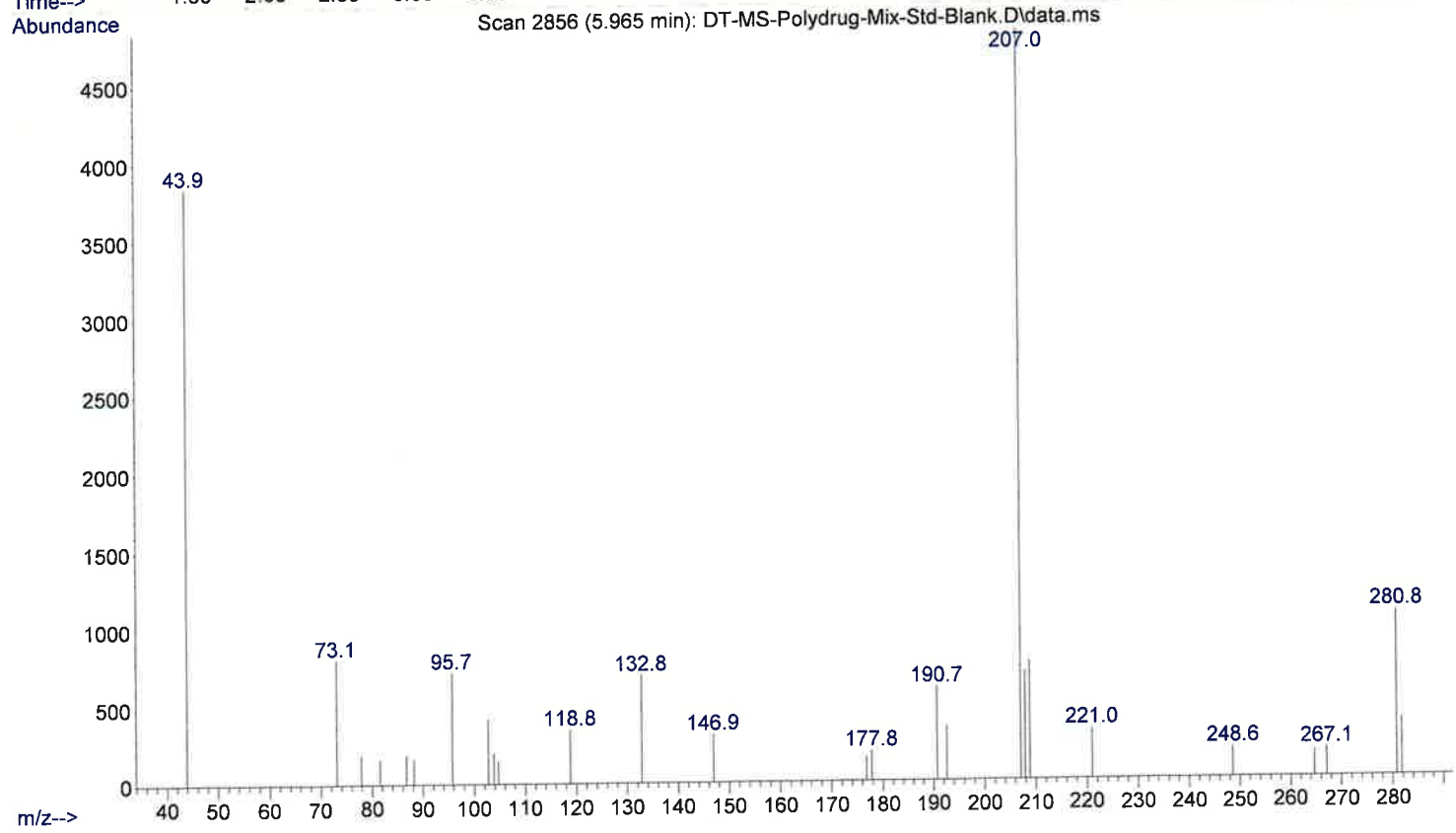


pg. 68

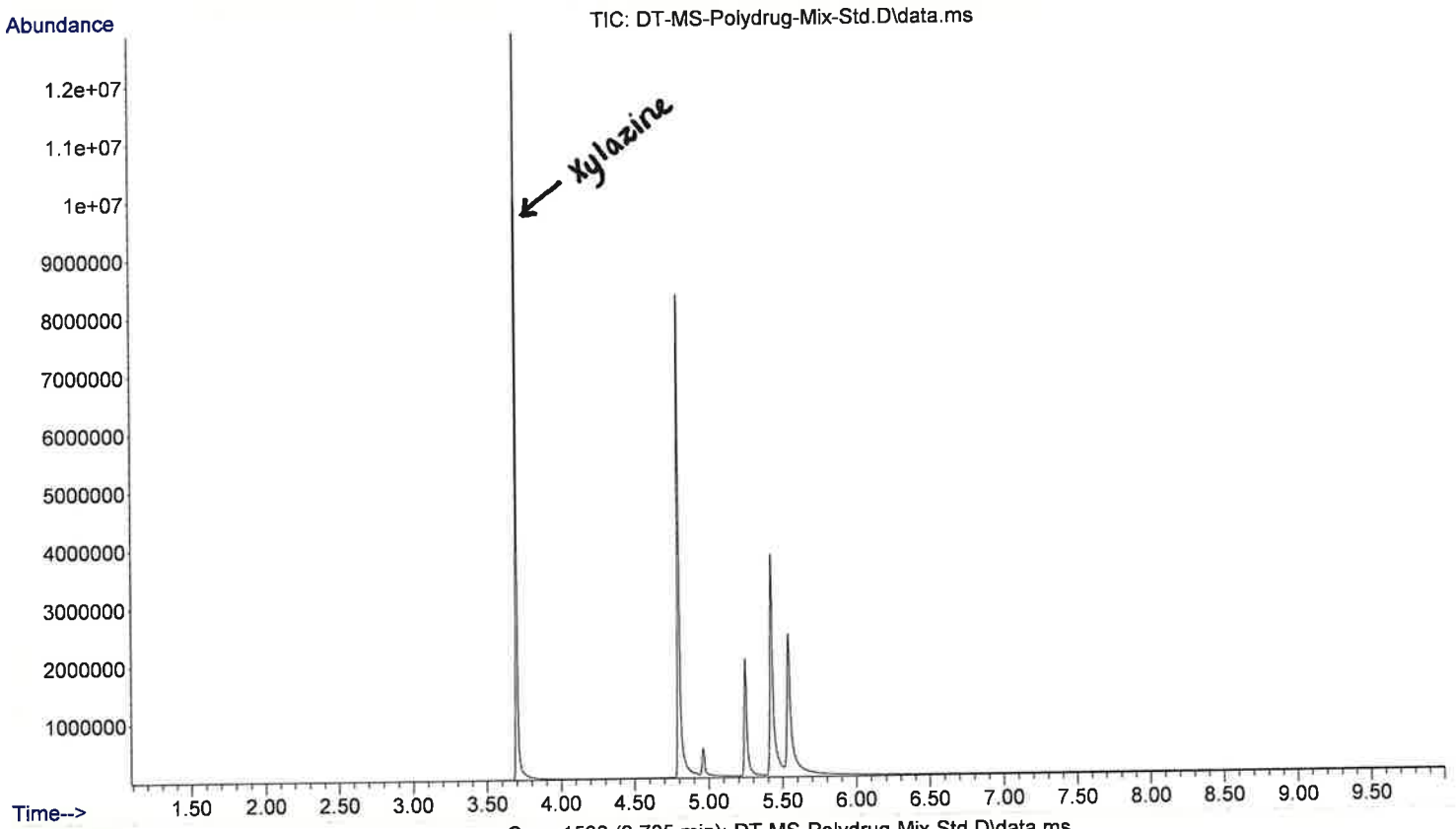
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Operator : IS
Instrument : Quincy
Acquired : 06 Mar 2025 18:48 using AcqMethod DTDRUGS100.M
Sample Name: Polydrug Mix Std Blank
Misc Info : Meoh

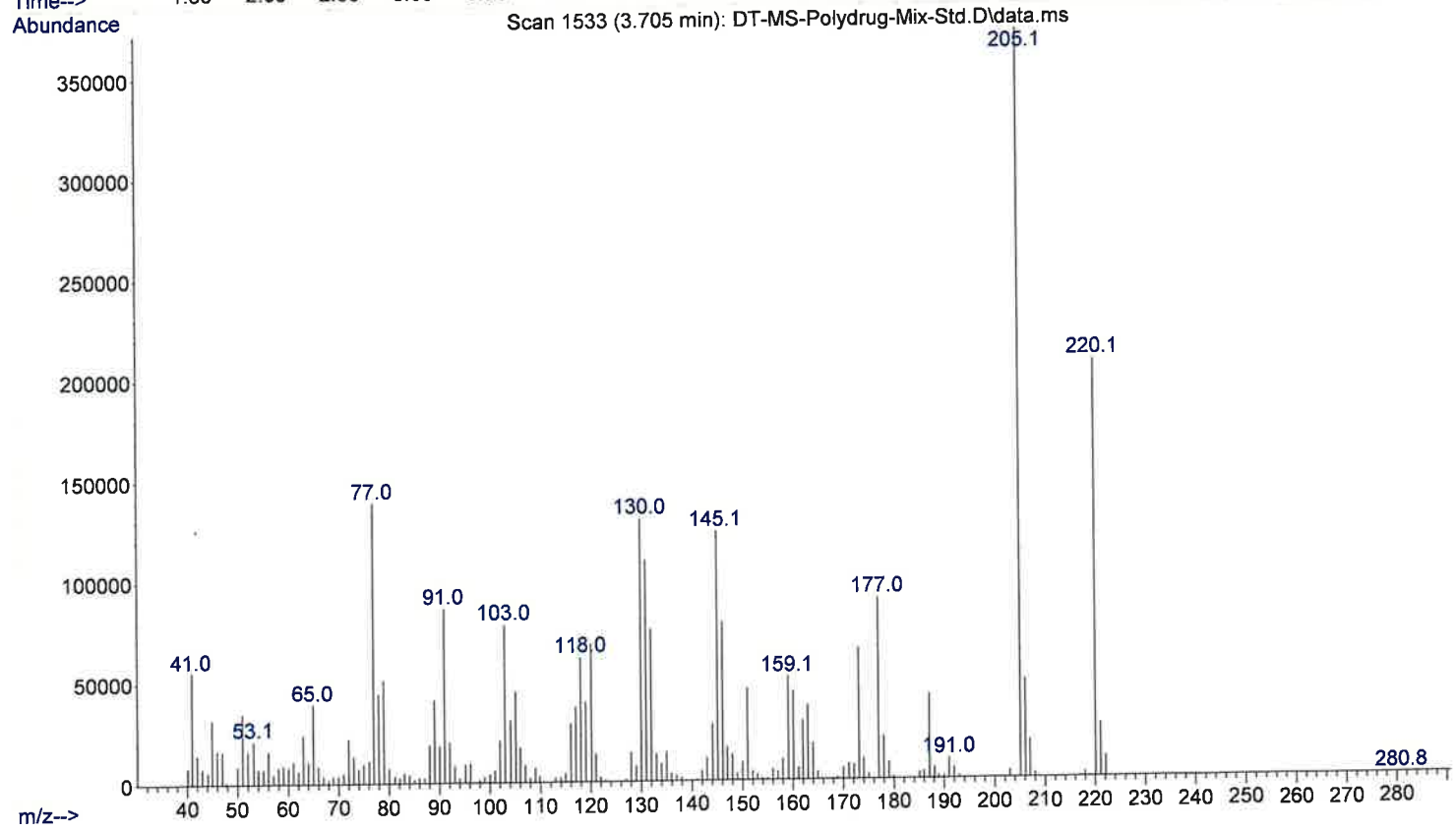
NC9D



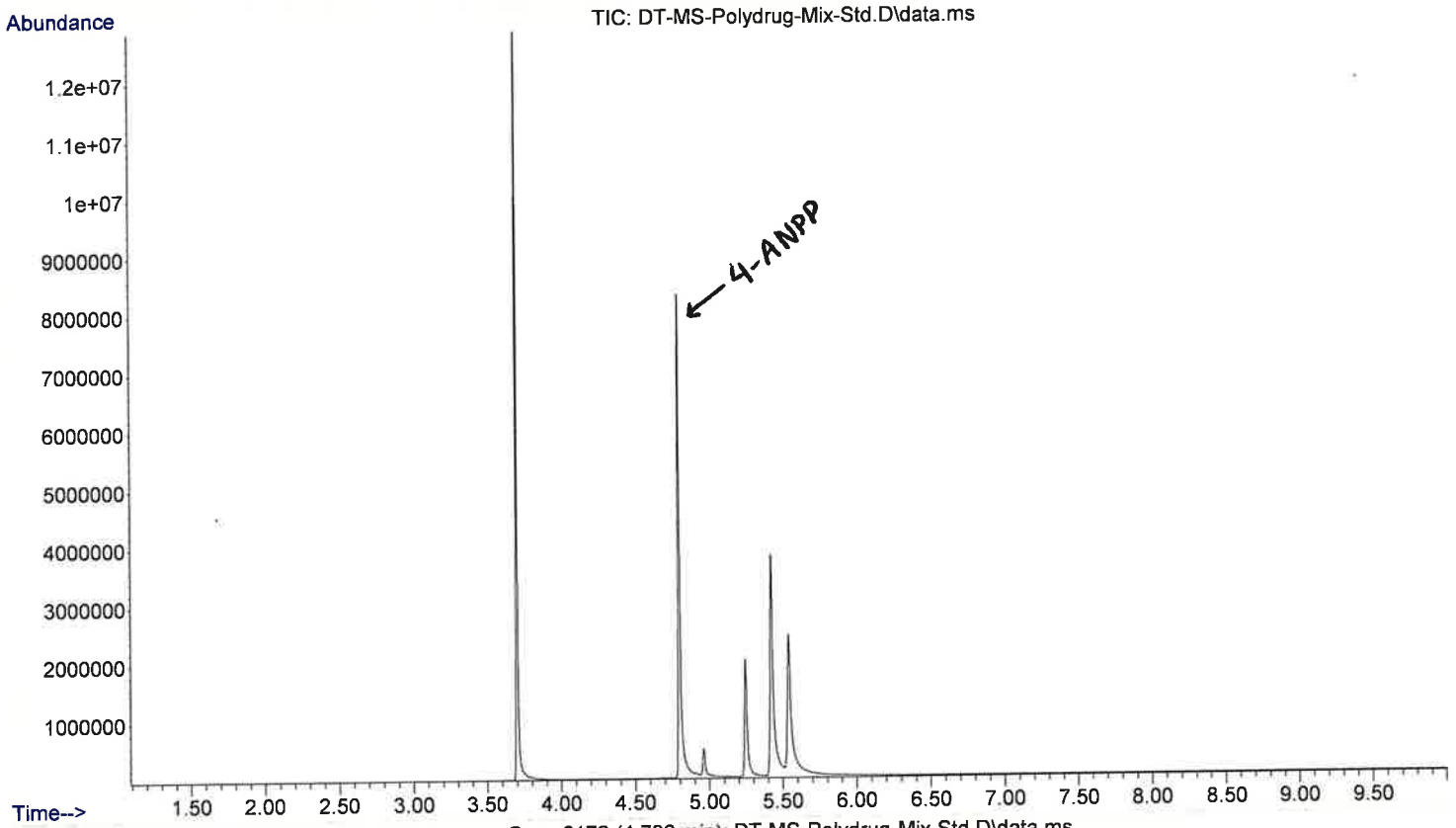


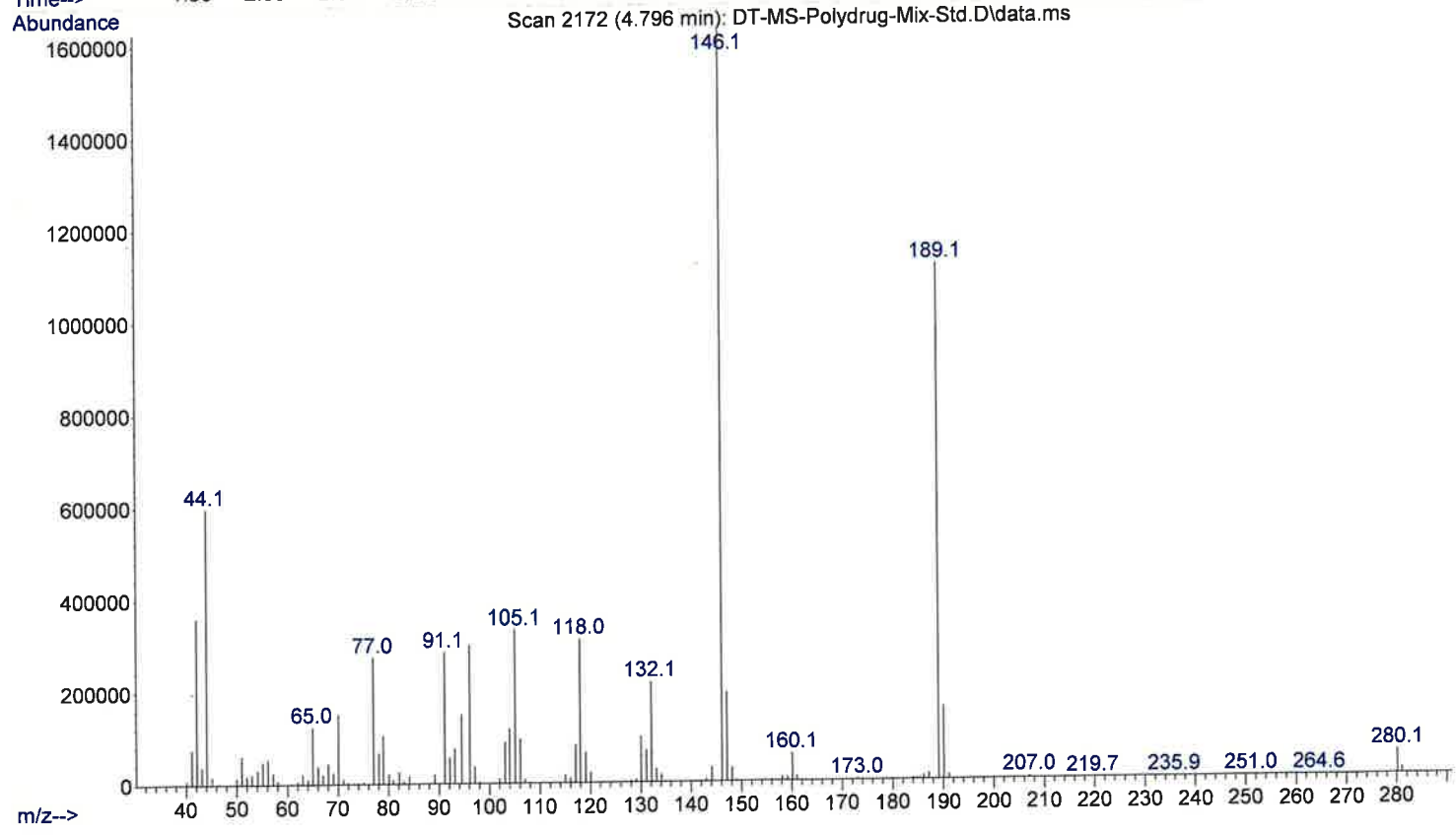
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... alidation\03-06-25\DT-MS-Polydrug-Mix-Std.D
Operator : IS
Instrument : Quincy
Acquired : 06 Mar 2025 19:02 using AcqMethod DTDRUGS100.M
Sample Name: Polydrug Mix Std
Misc Info : Meoh,Exp 12-11-25



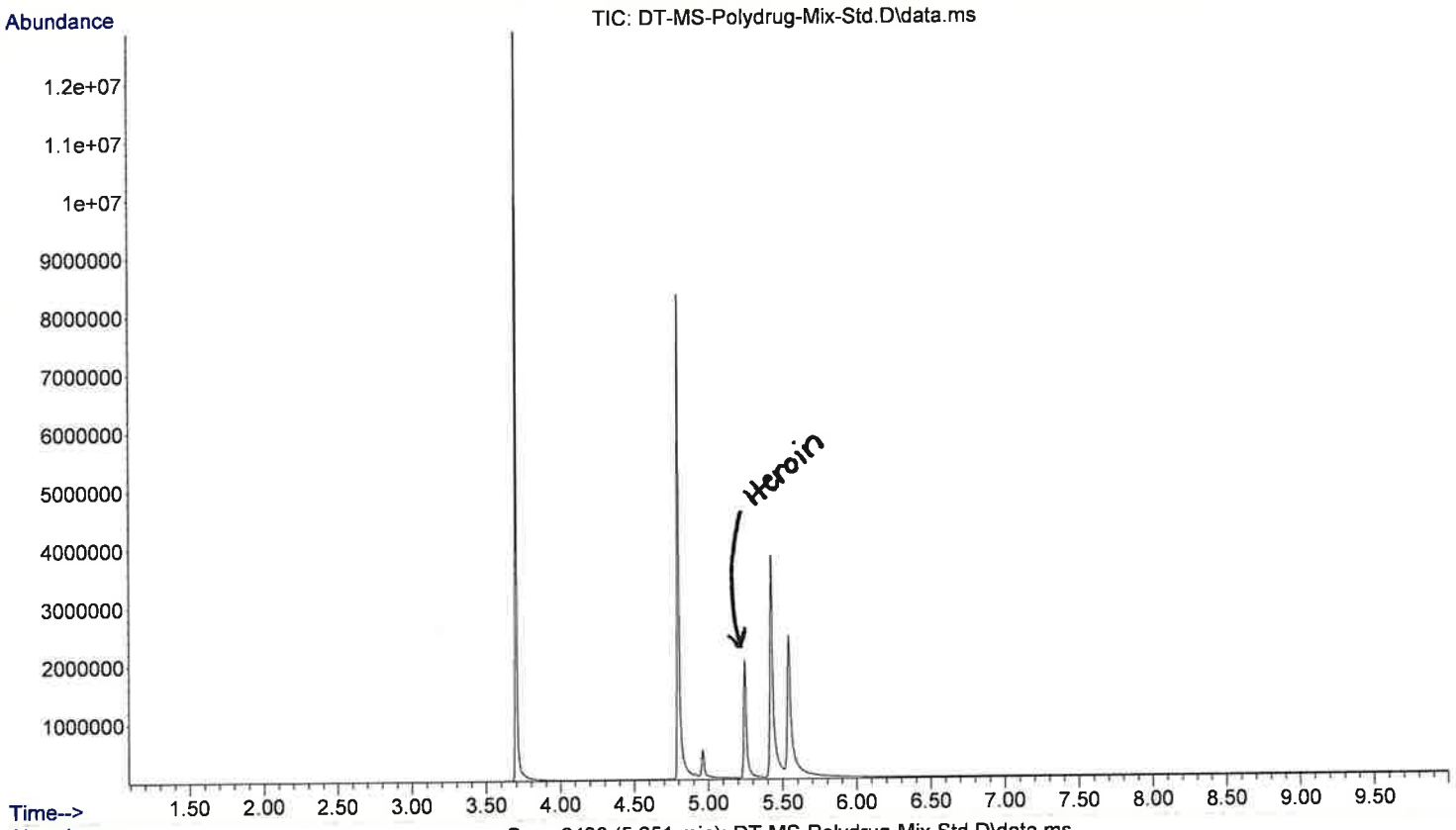


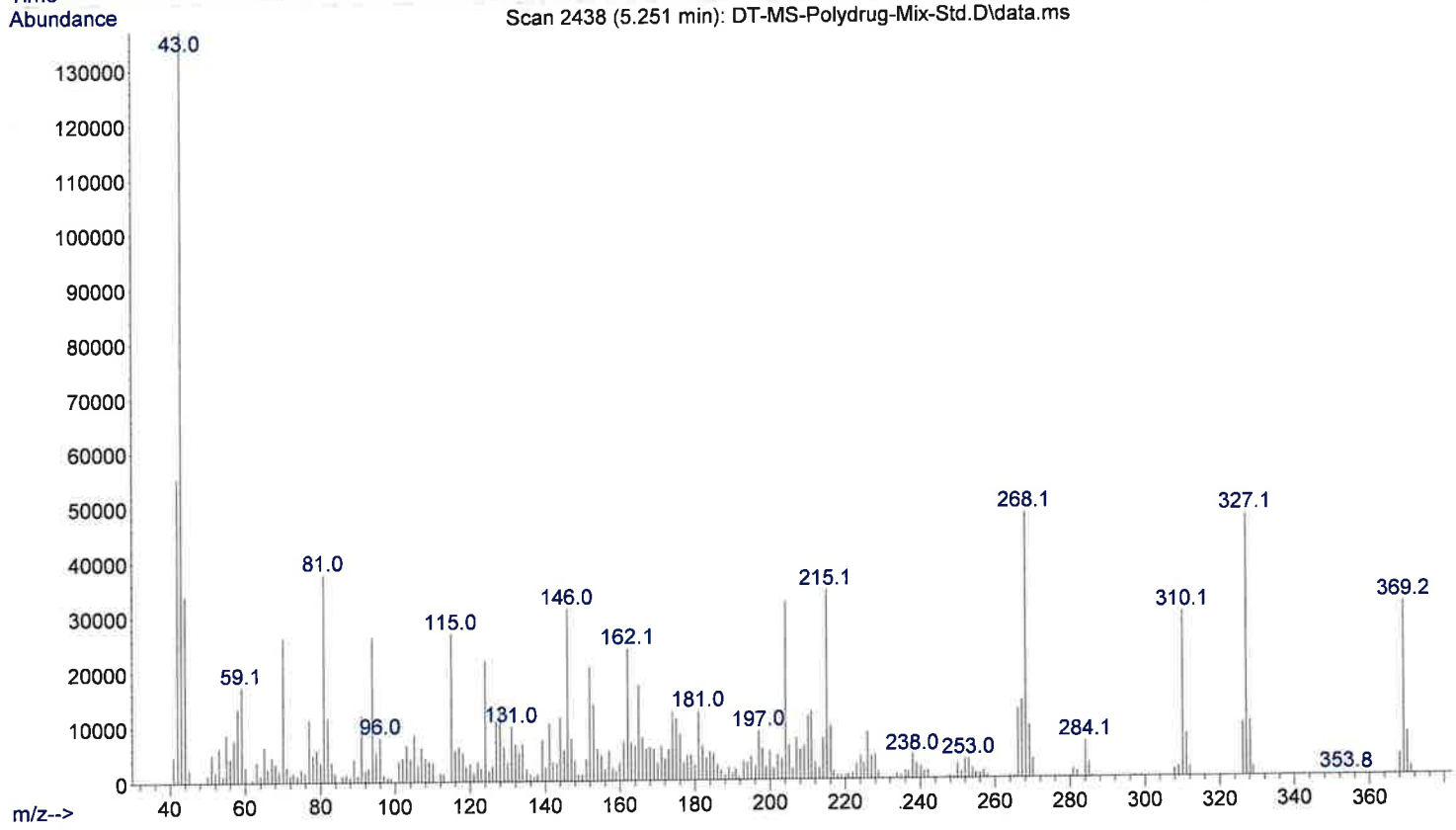
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Instrument : Quincy
Acquired : 06 Mar 2025 19:02 using AcqMethod DTDRUGS100.M
Sample Name: Polydrug Mix Std
Misc Info : Meoh,Exp 12-11-25



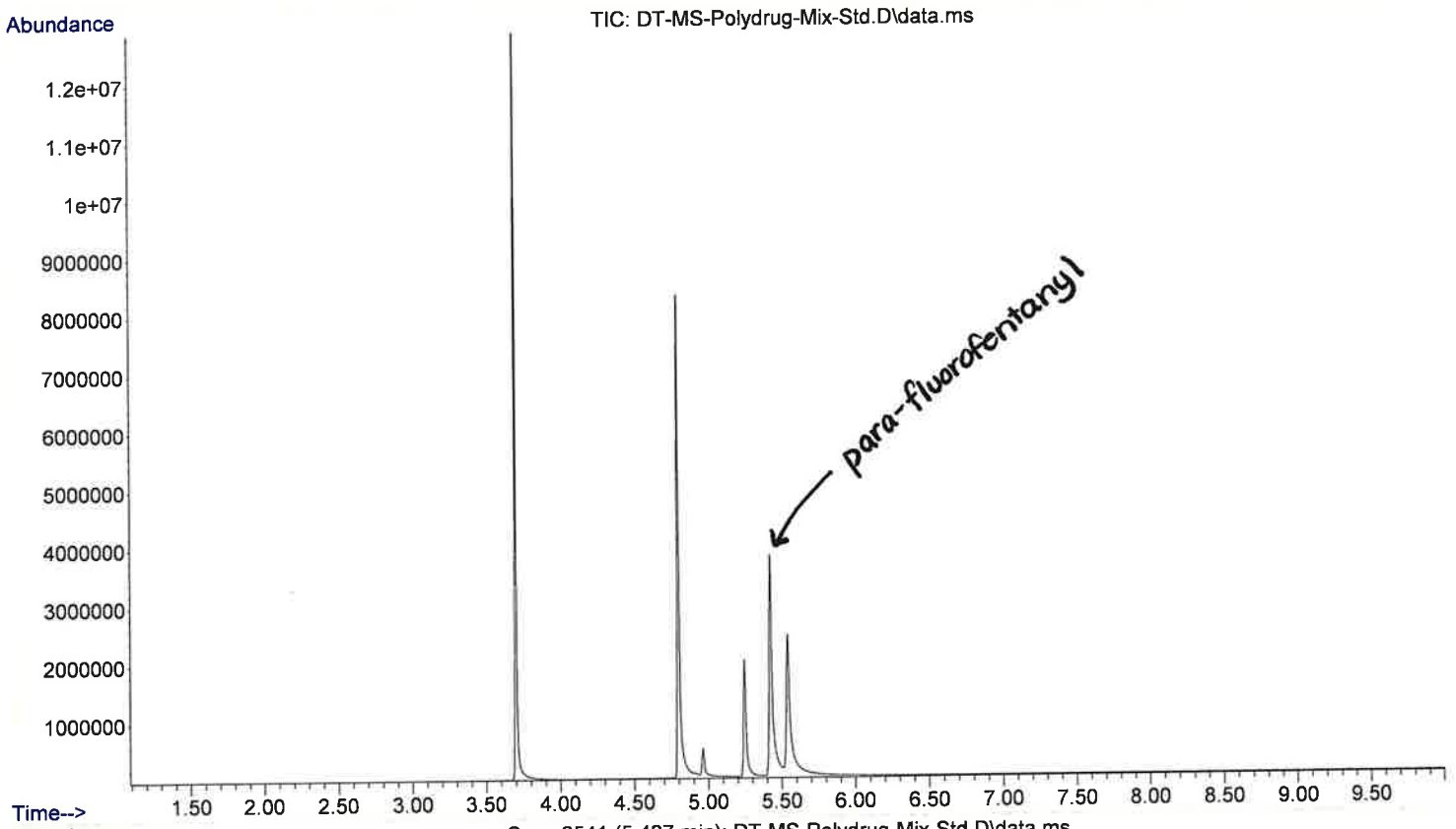


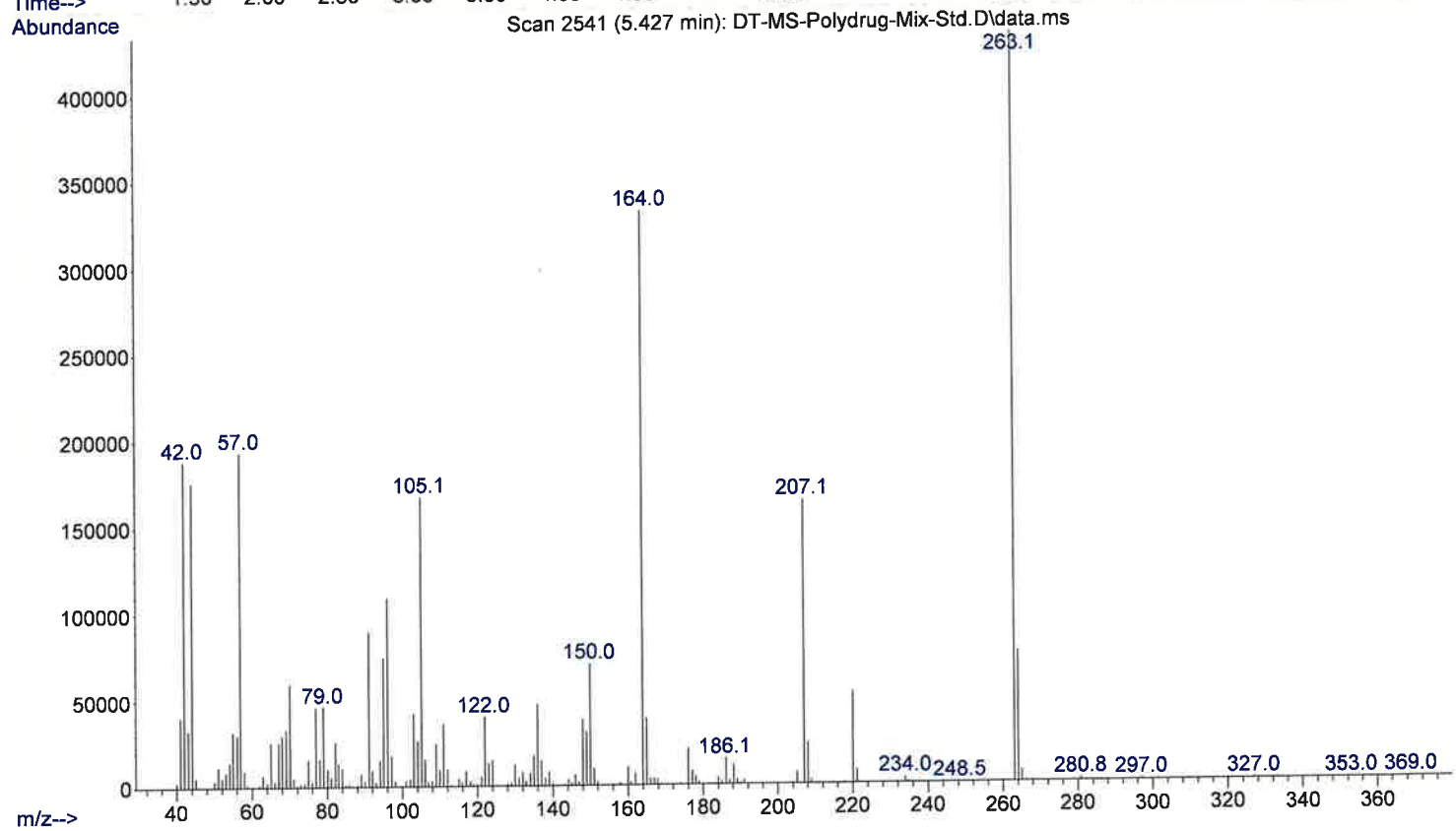
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Sample Name: Polydrug Mix Std
Misc Info : Meoh,Exp 12-11-25



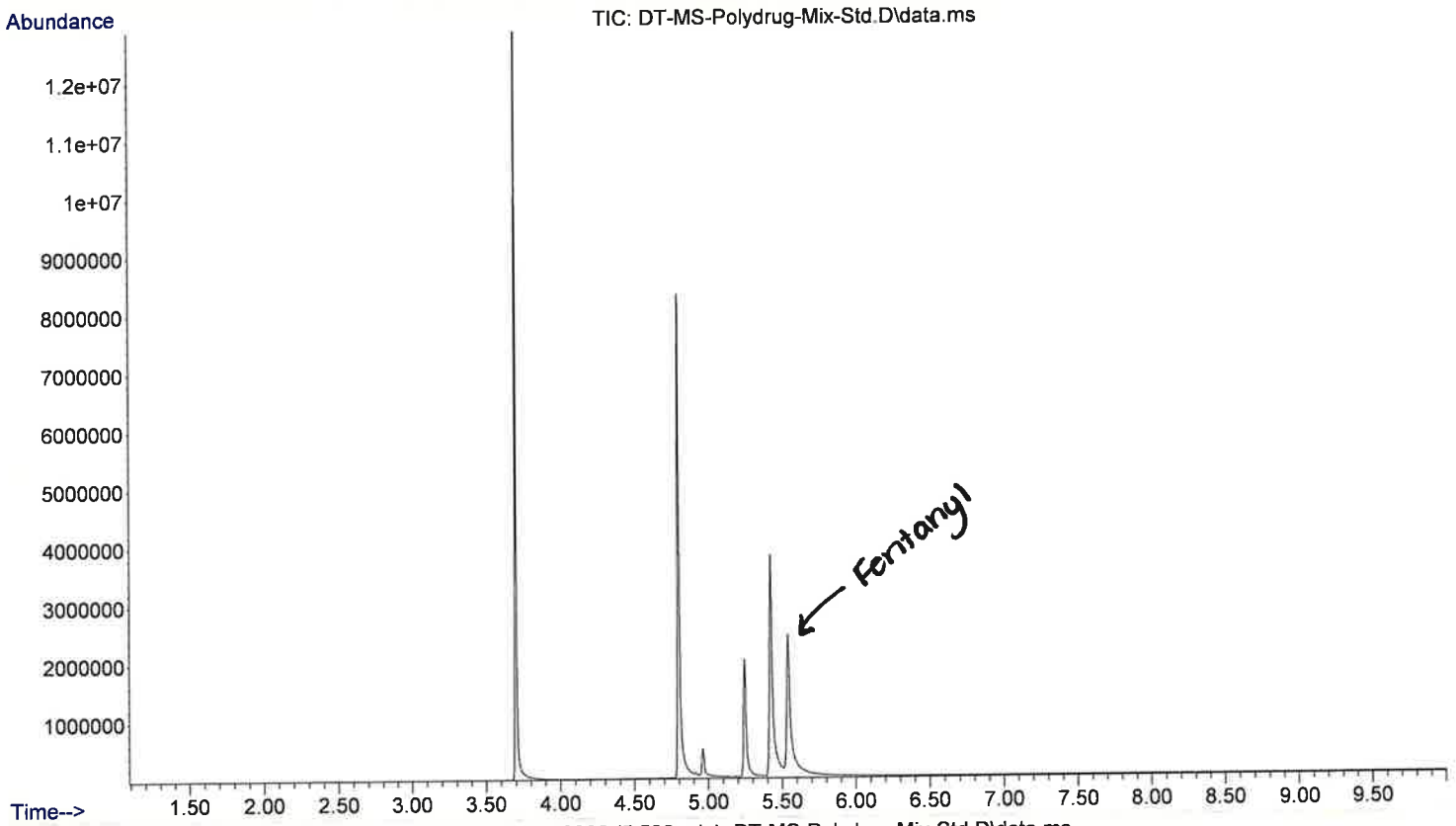


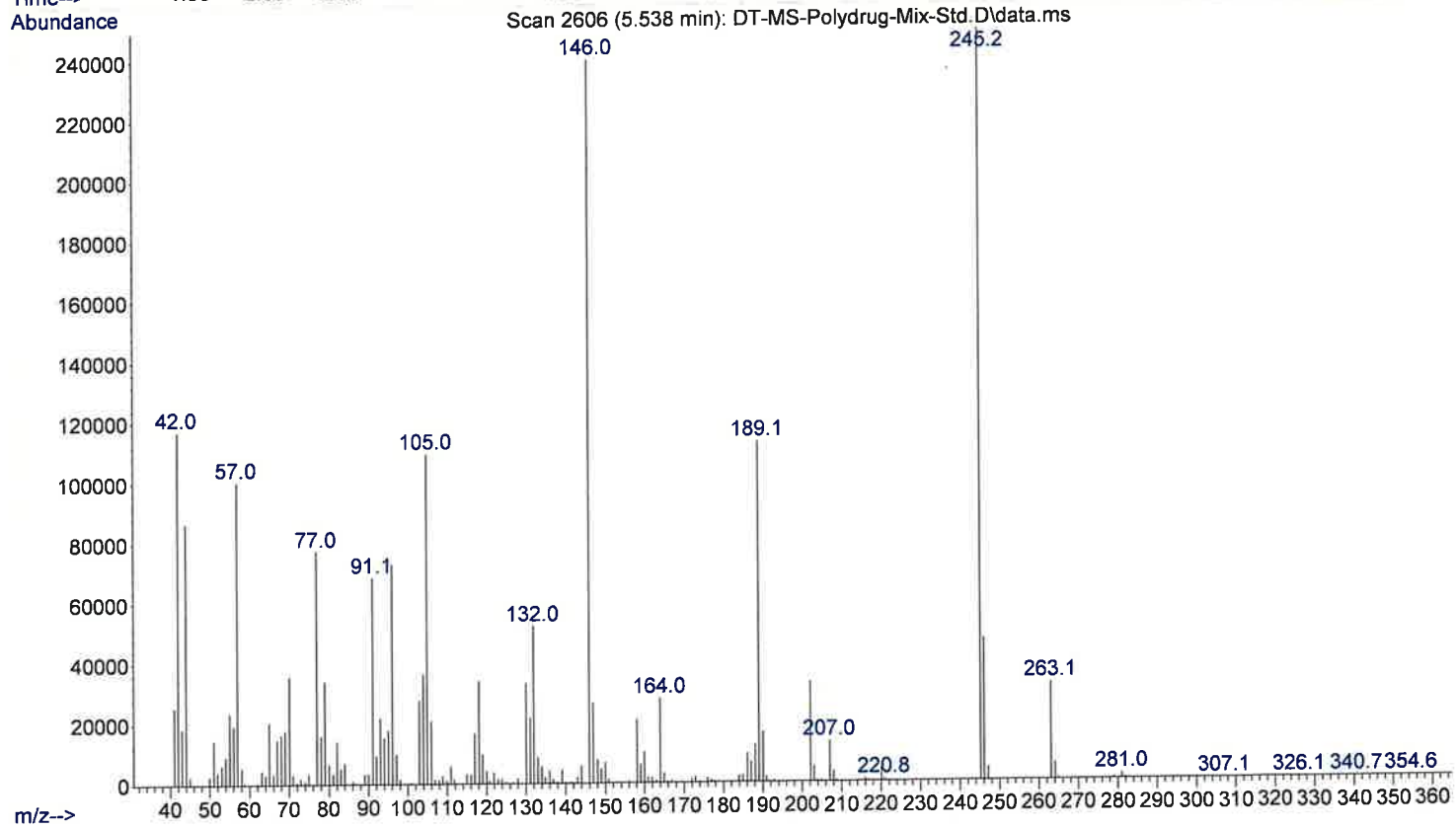
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Misc Info : Meoh,Exp 12-11-25





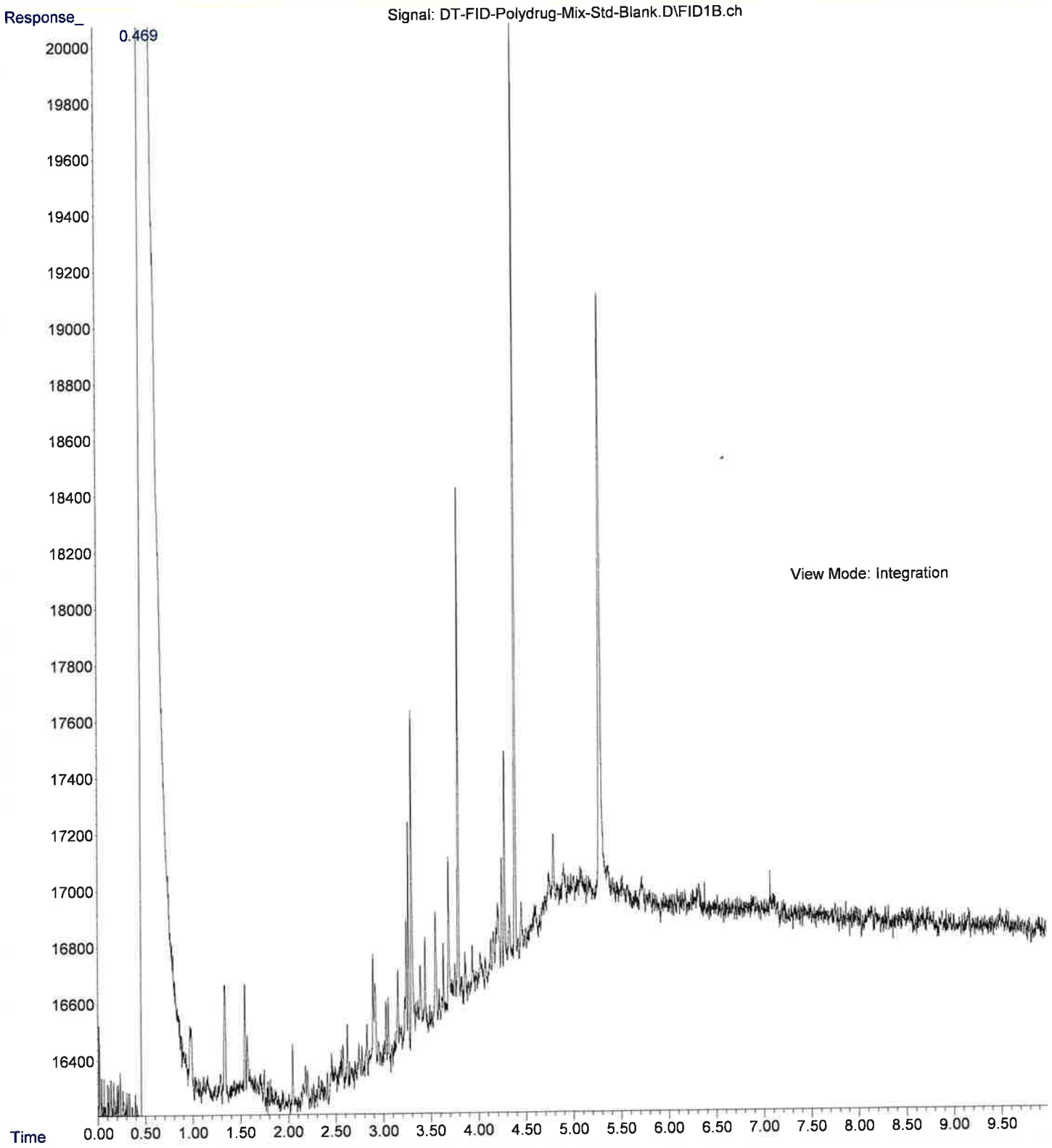
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Sample Name: Polydrug Mix Std
Misc Info : Meoh,Exp 12-11-25



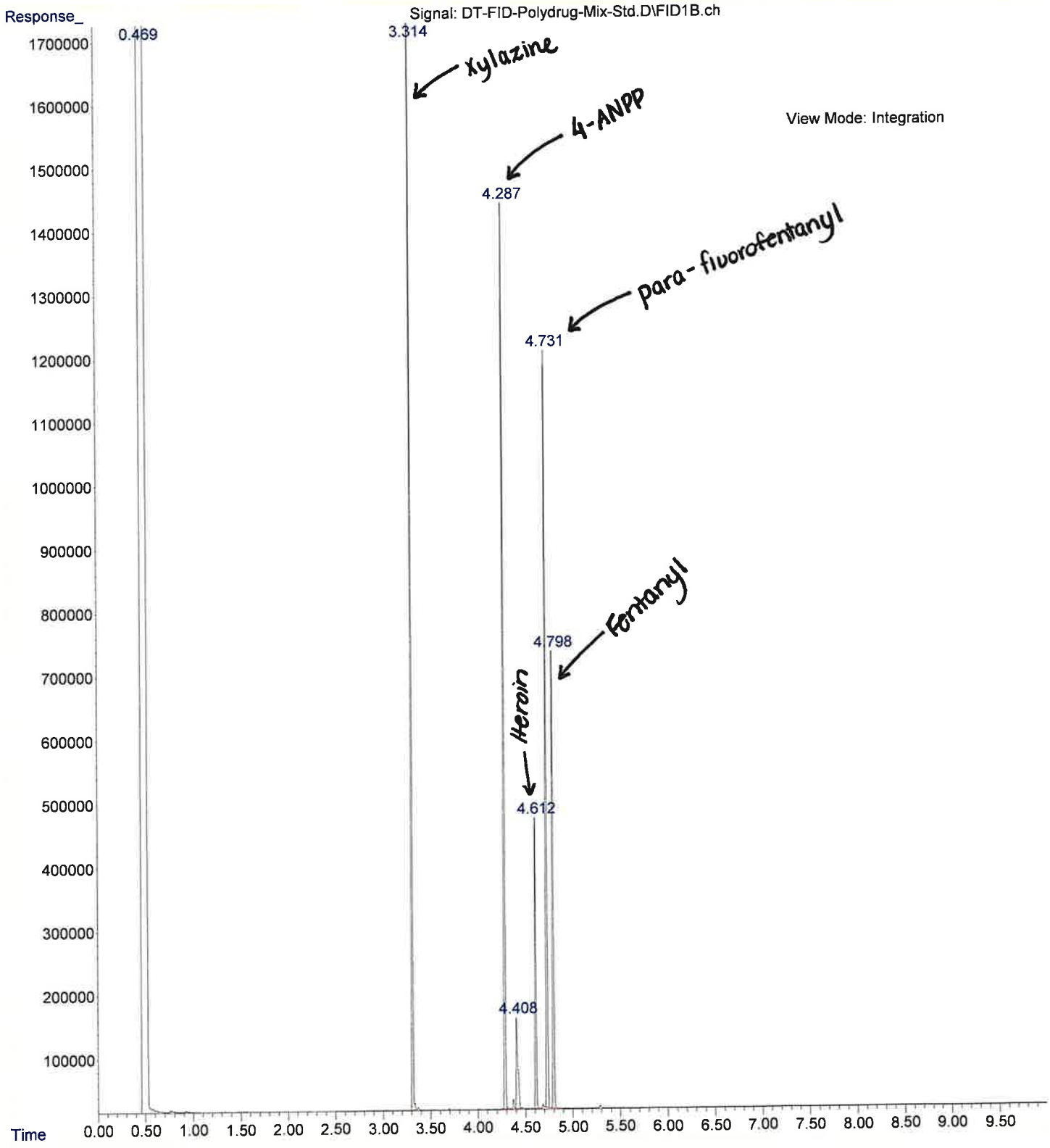


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Operator   : IS
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Sample Name: Polydrug Mix Std Blank
Misc Info  : Meoh
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NCSD

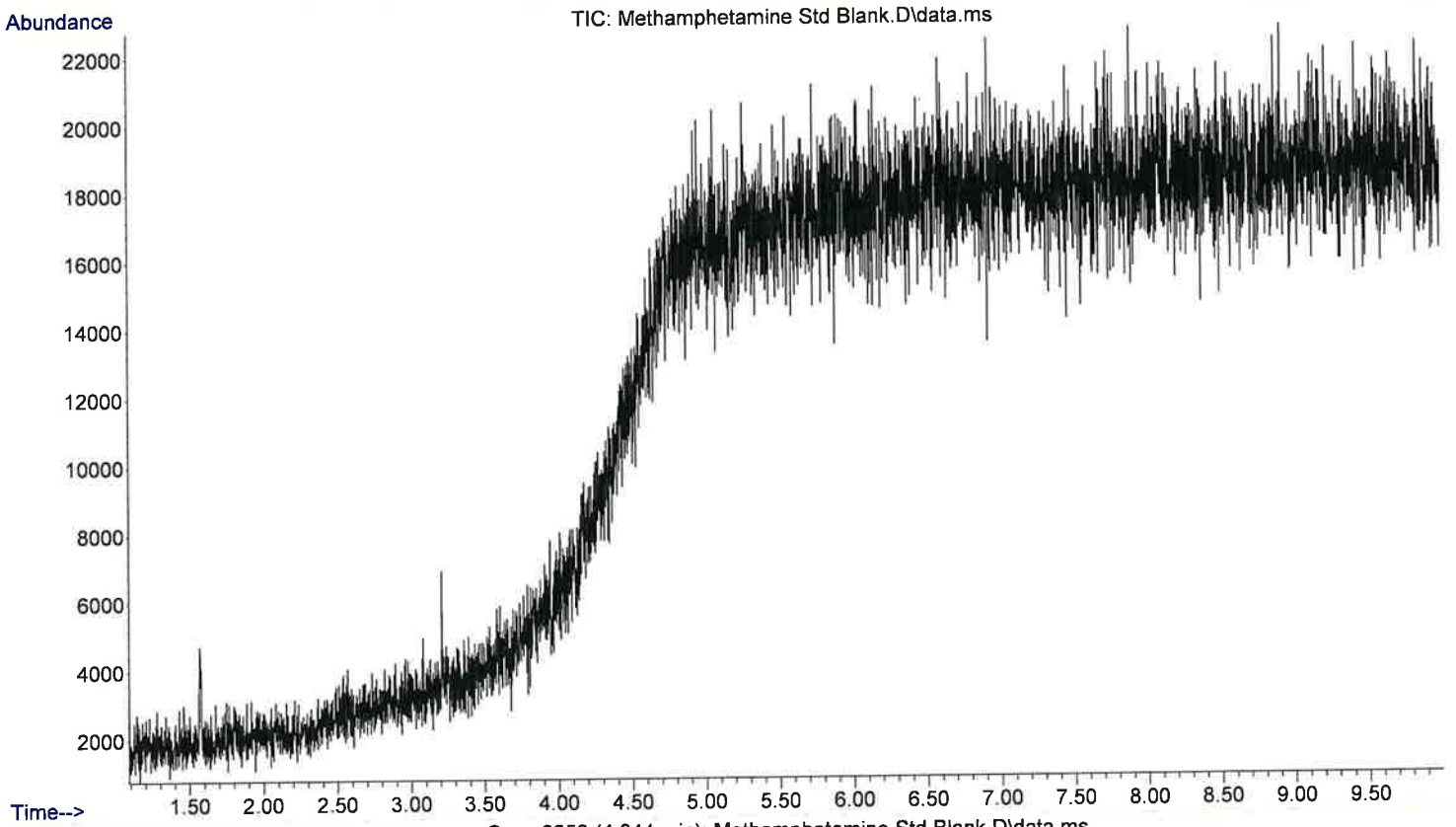


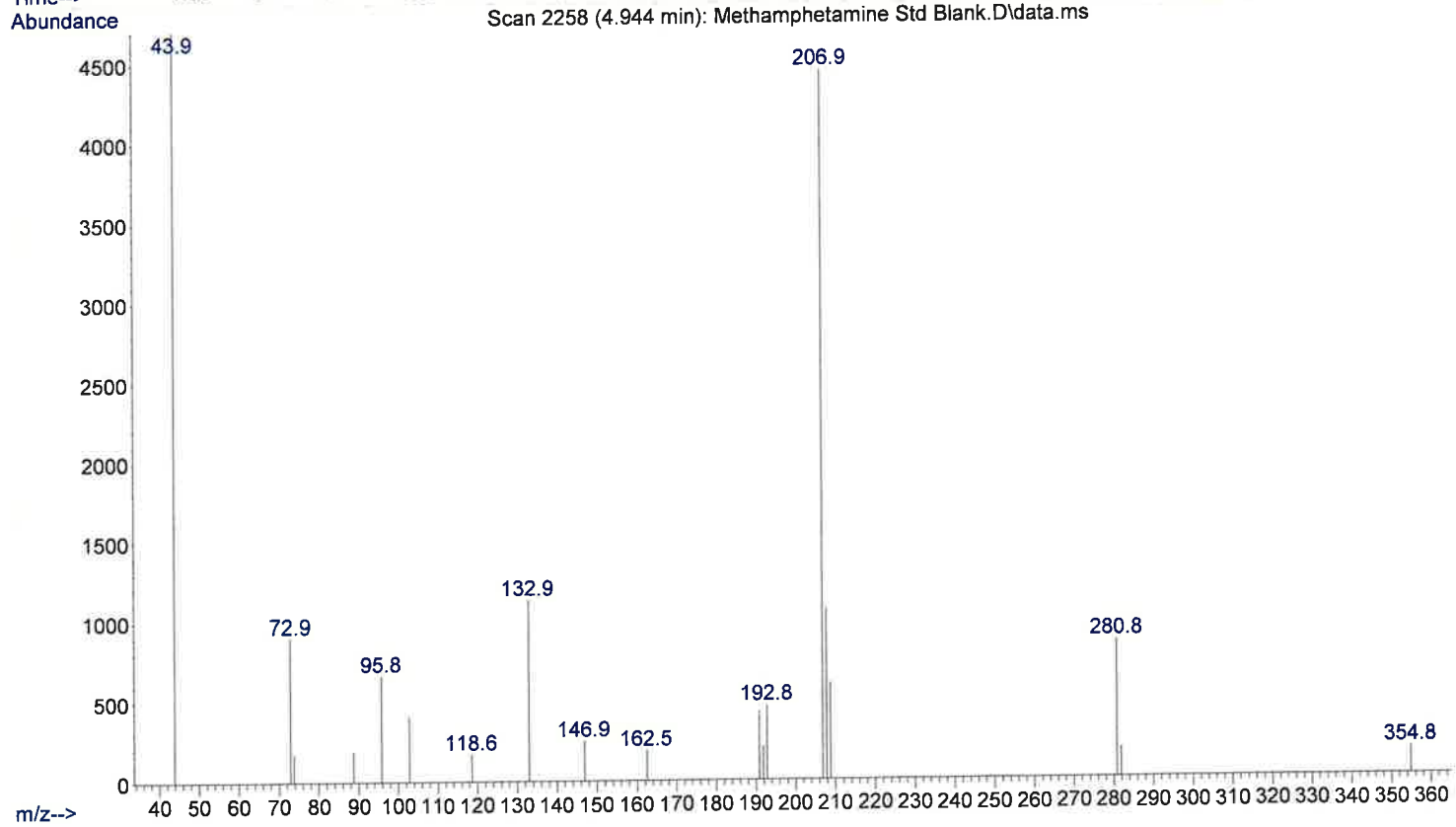
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Sample Name: Polydrug Mix Std
Misc Info : Meoh,Exp 12-11-25



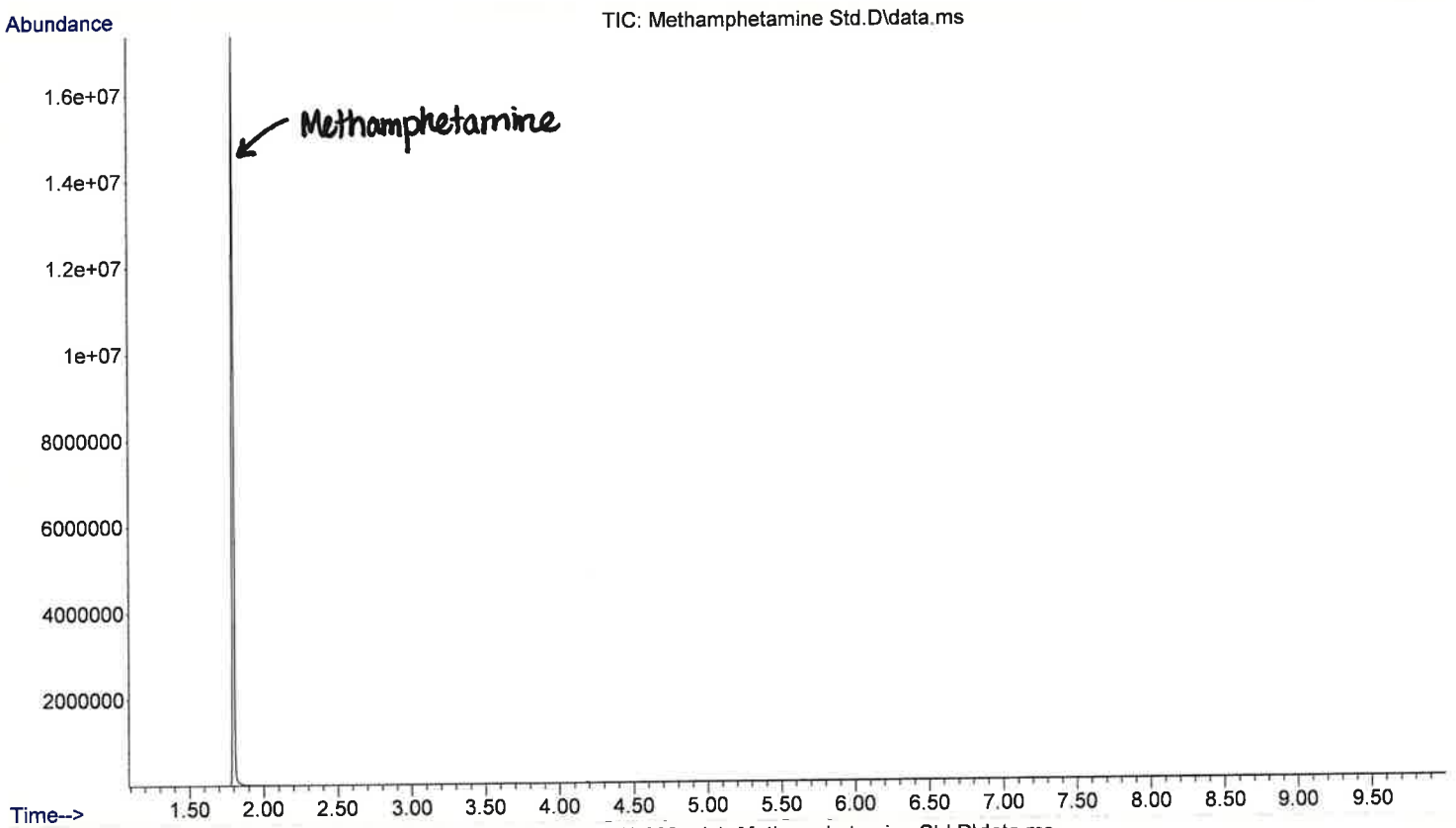
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Misc Info : Meoh

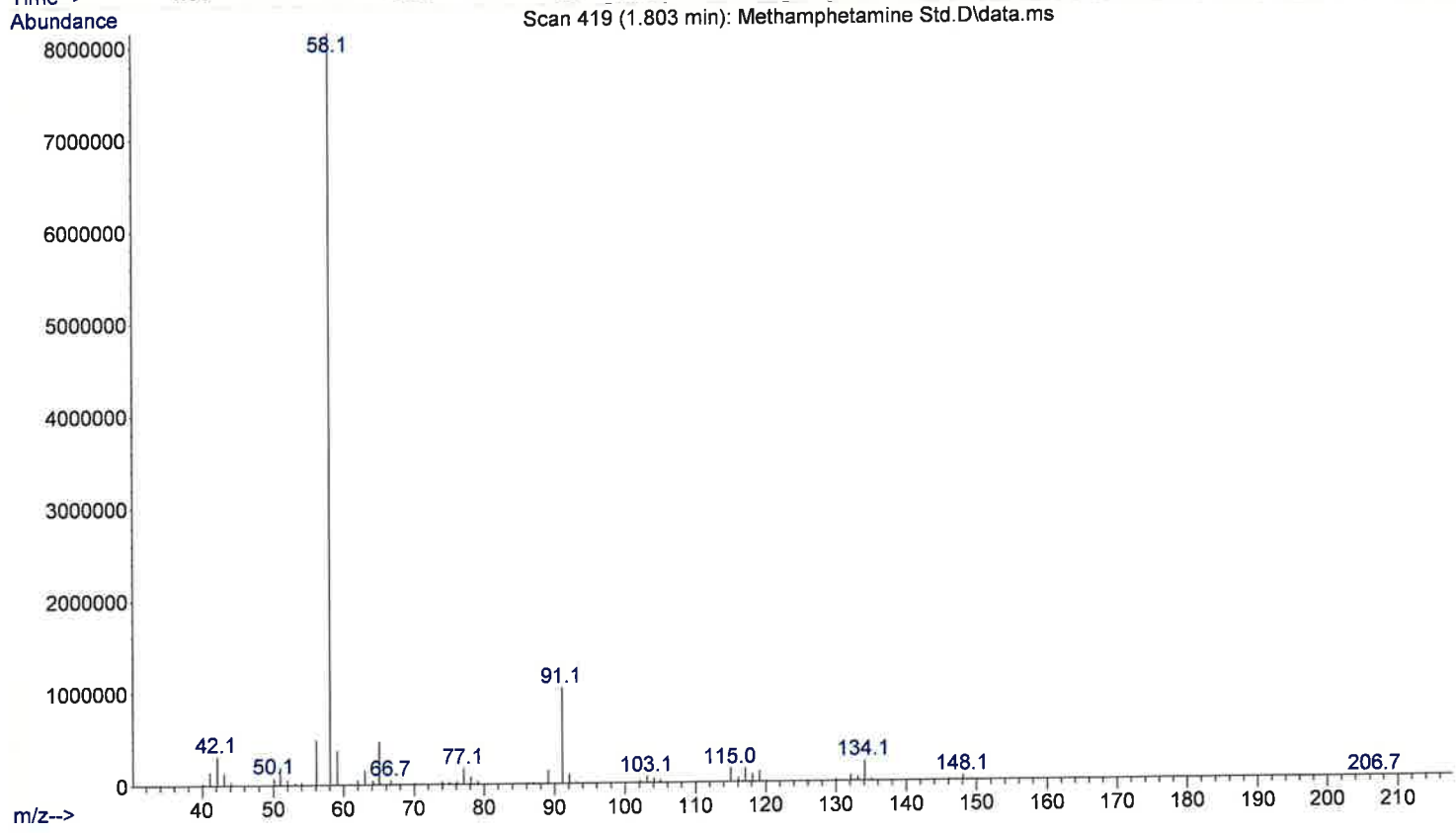
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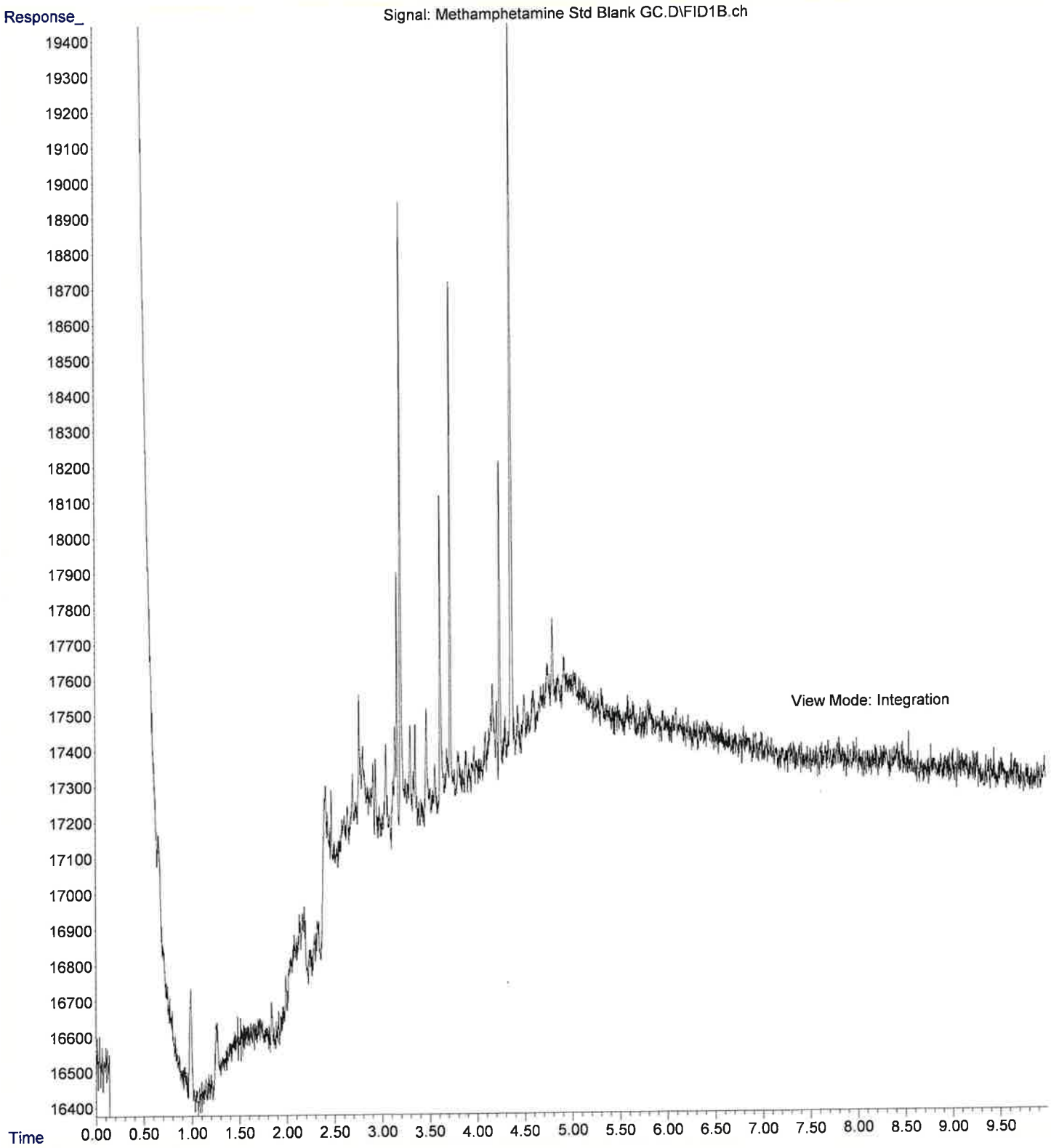
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Sample Name: Methamphetamine Std
Misc Info : Meoh,Cerilliant,LotFE006022204,Exp12-31-27



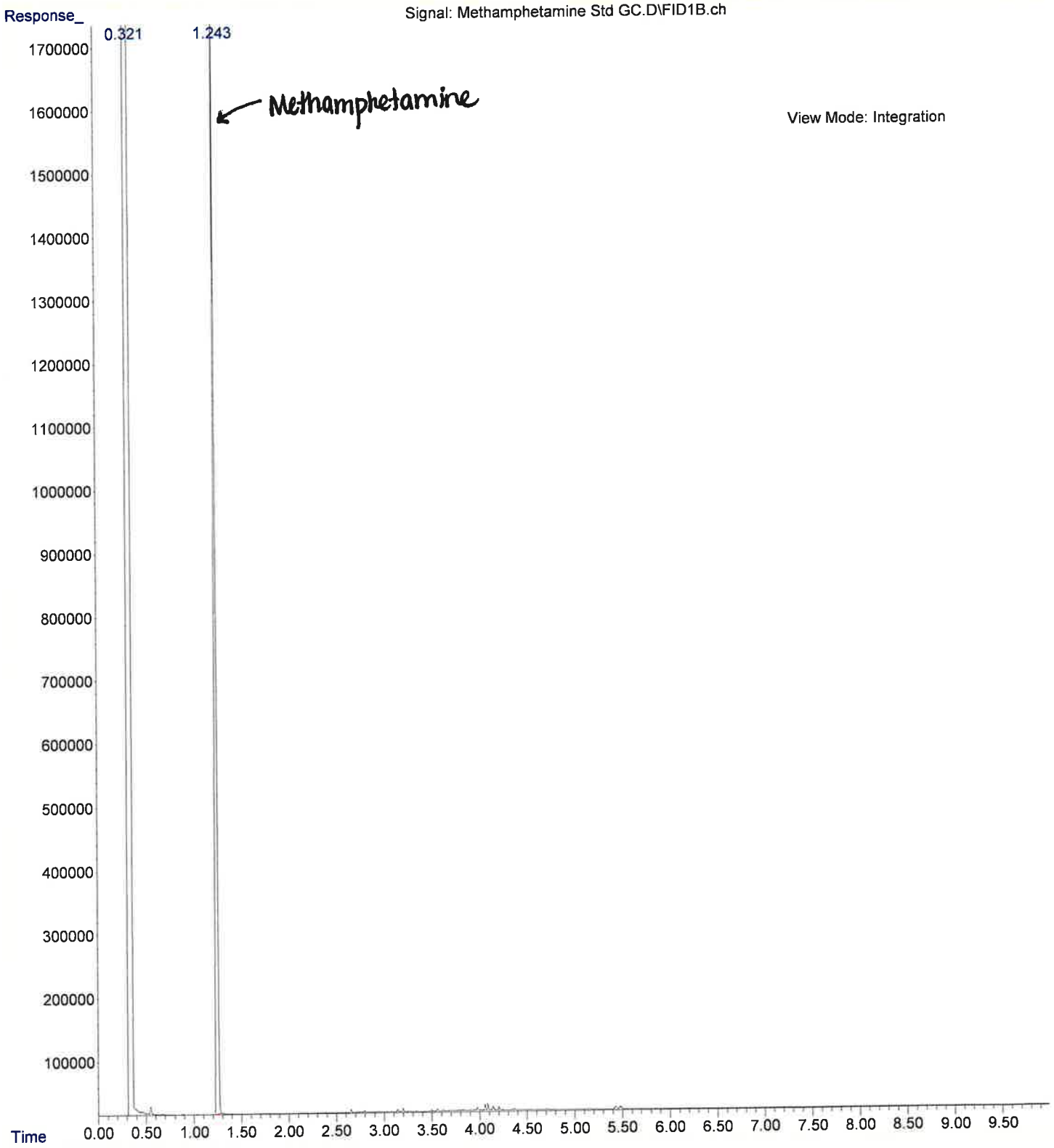


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Misc Info  : Meoh
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NCSD

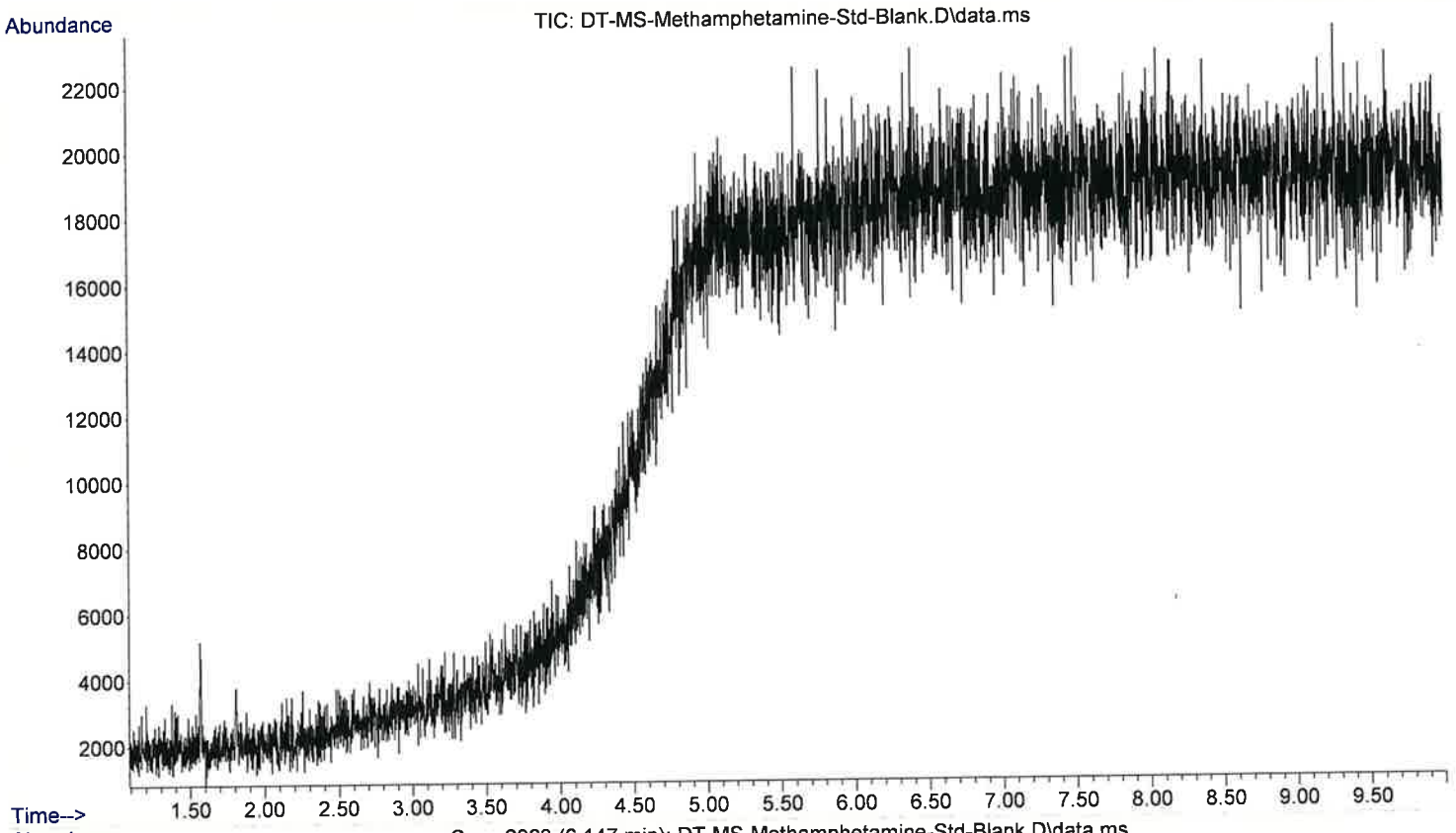


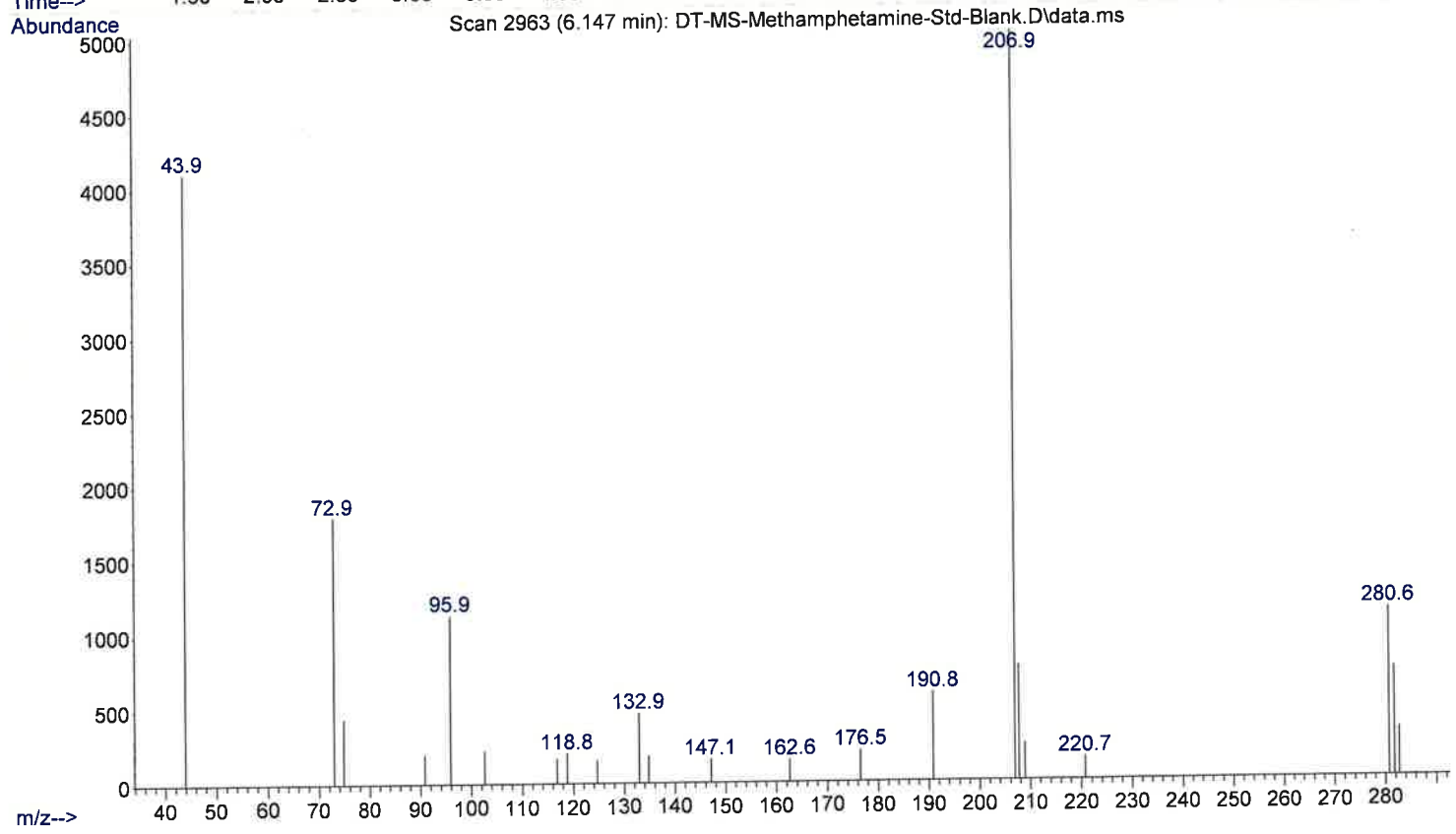
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Sample Name: Methamphetamine Std GC
Misc Info : Meoh,Cerilliant,LotFE006022204,Exp12-31-27



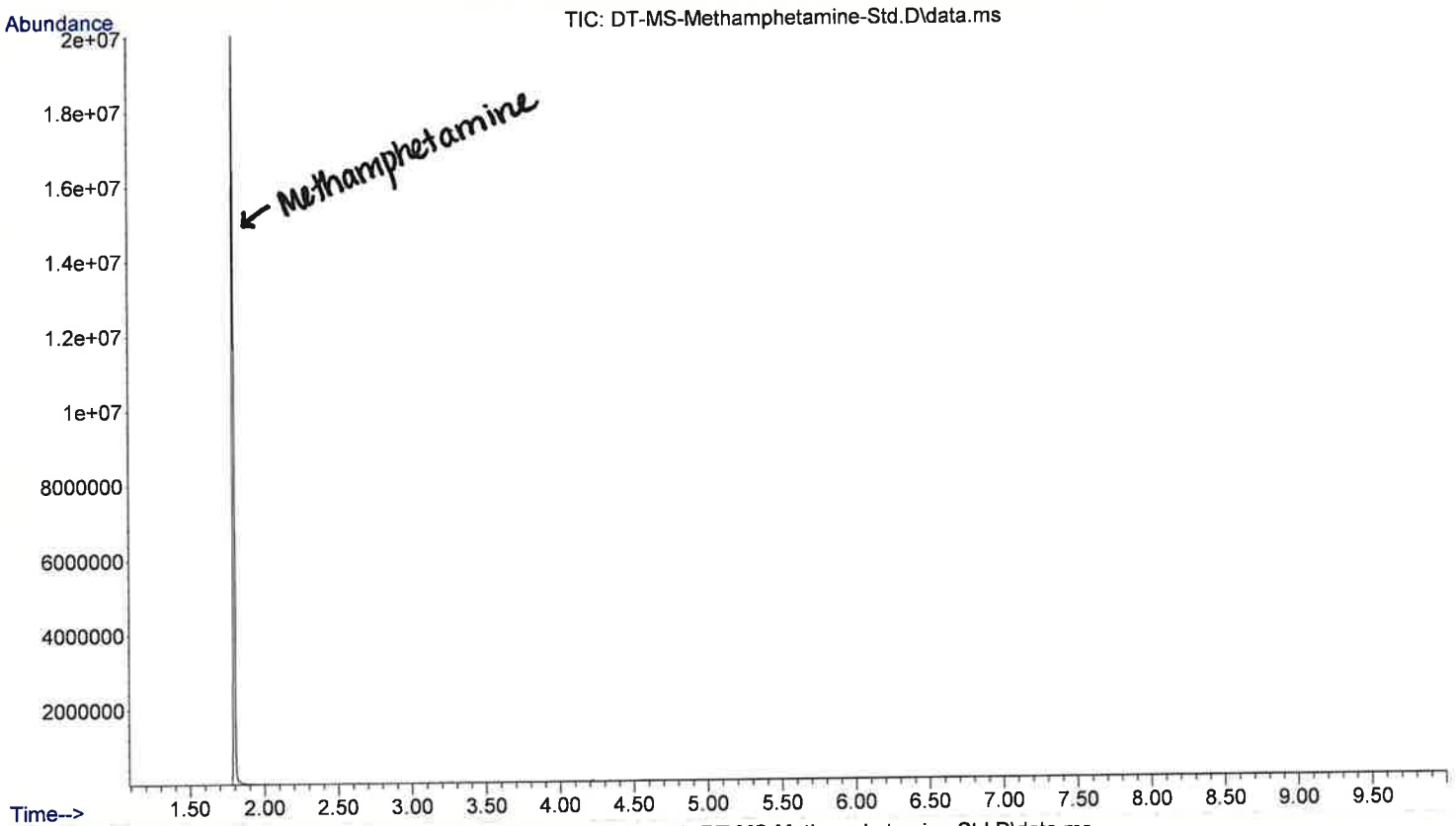
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Instrument : Quincy
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Sample Name: Methamphetamine Std Blank
Misc Info : Meoh

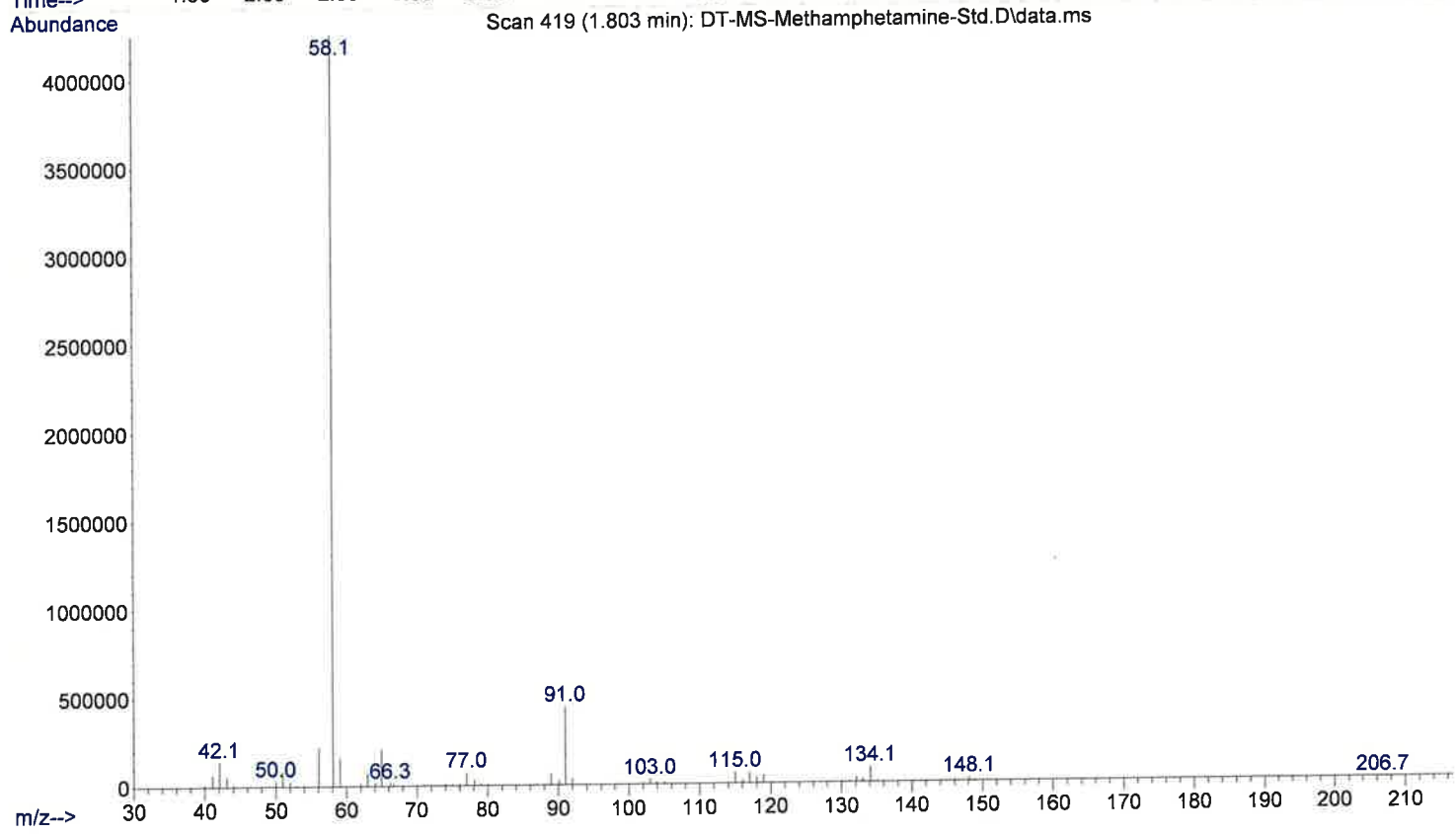
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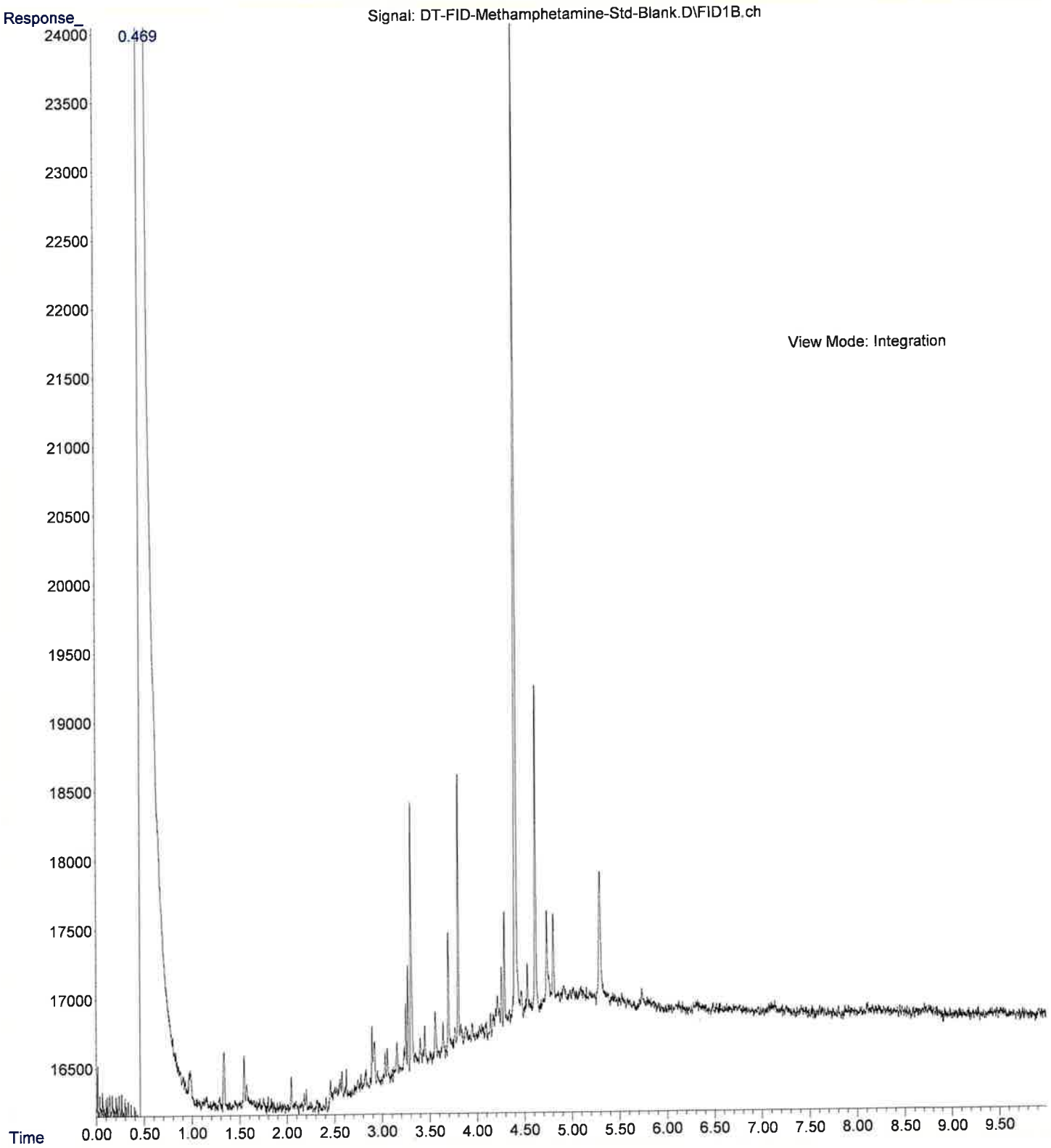
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Instrument : Quincy
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Sample Name: Methamphetamine Std
Misc Info : Meoh,Cerilliant,LotFE006022204,Exp12-31-27



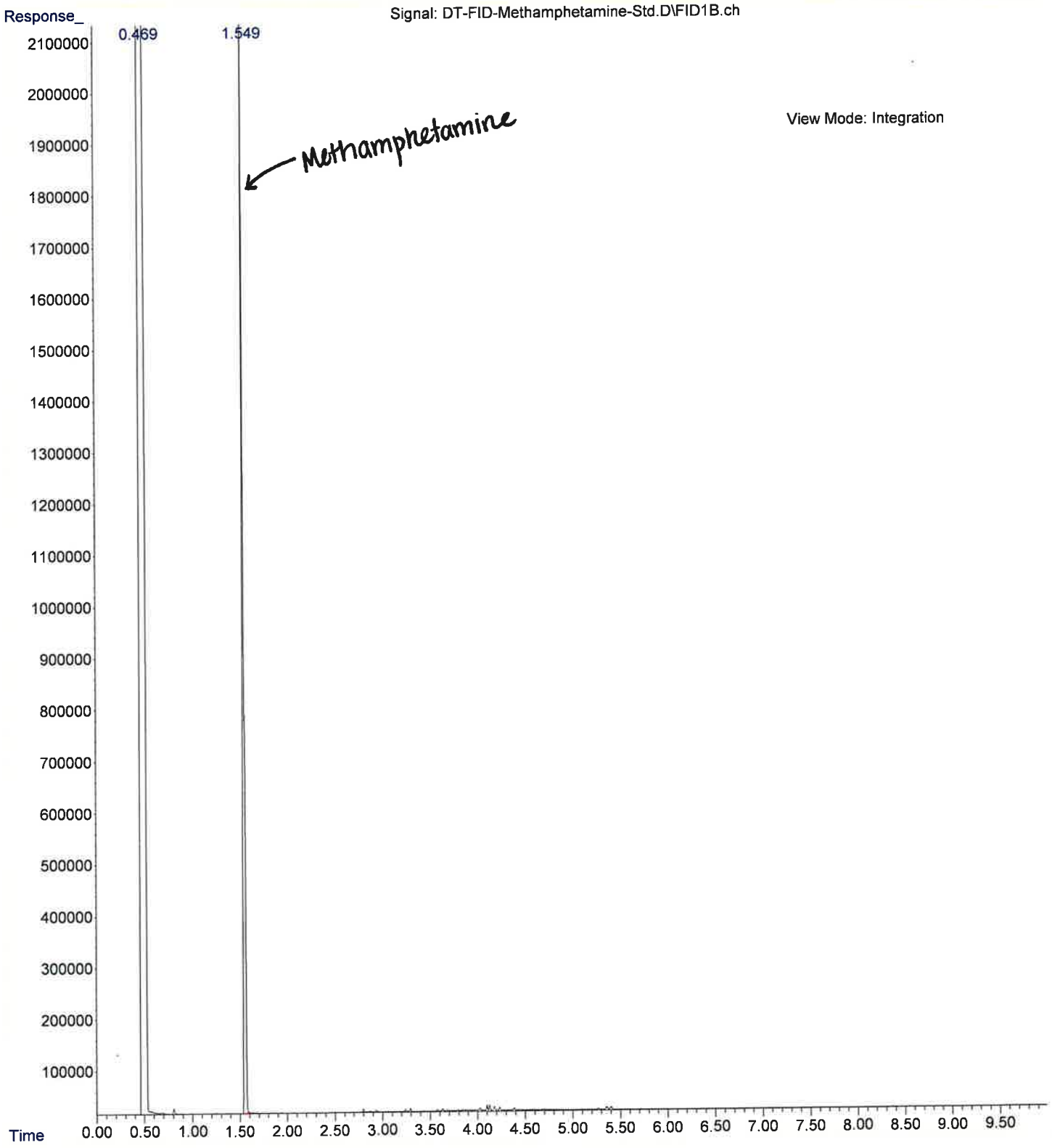


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Misc Info  : Meoh
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NCSD

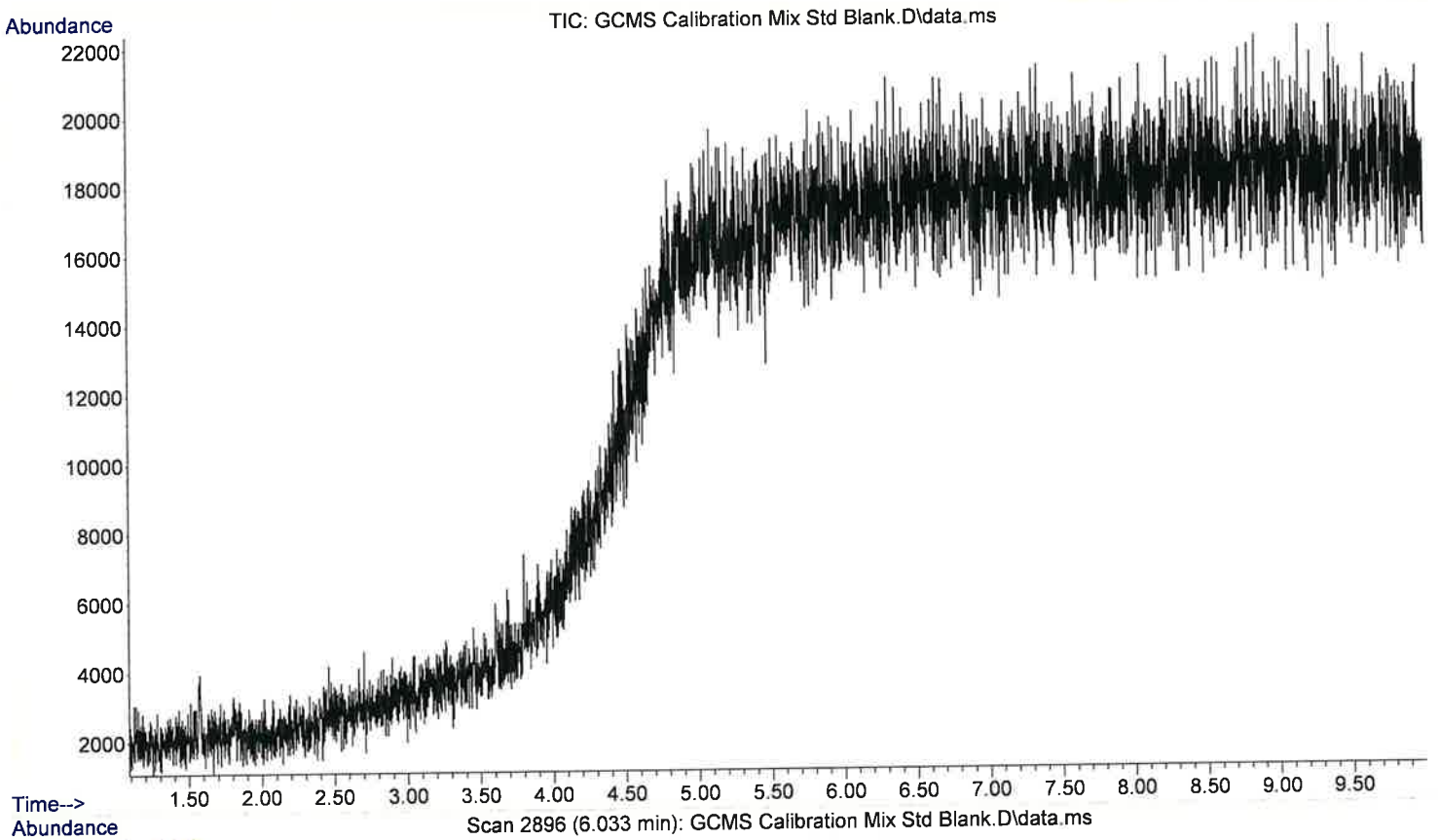


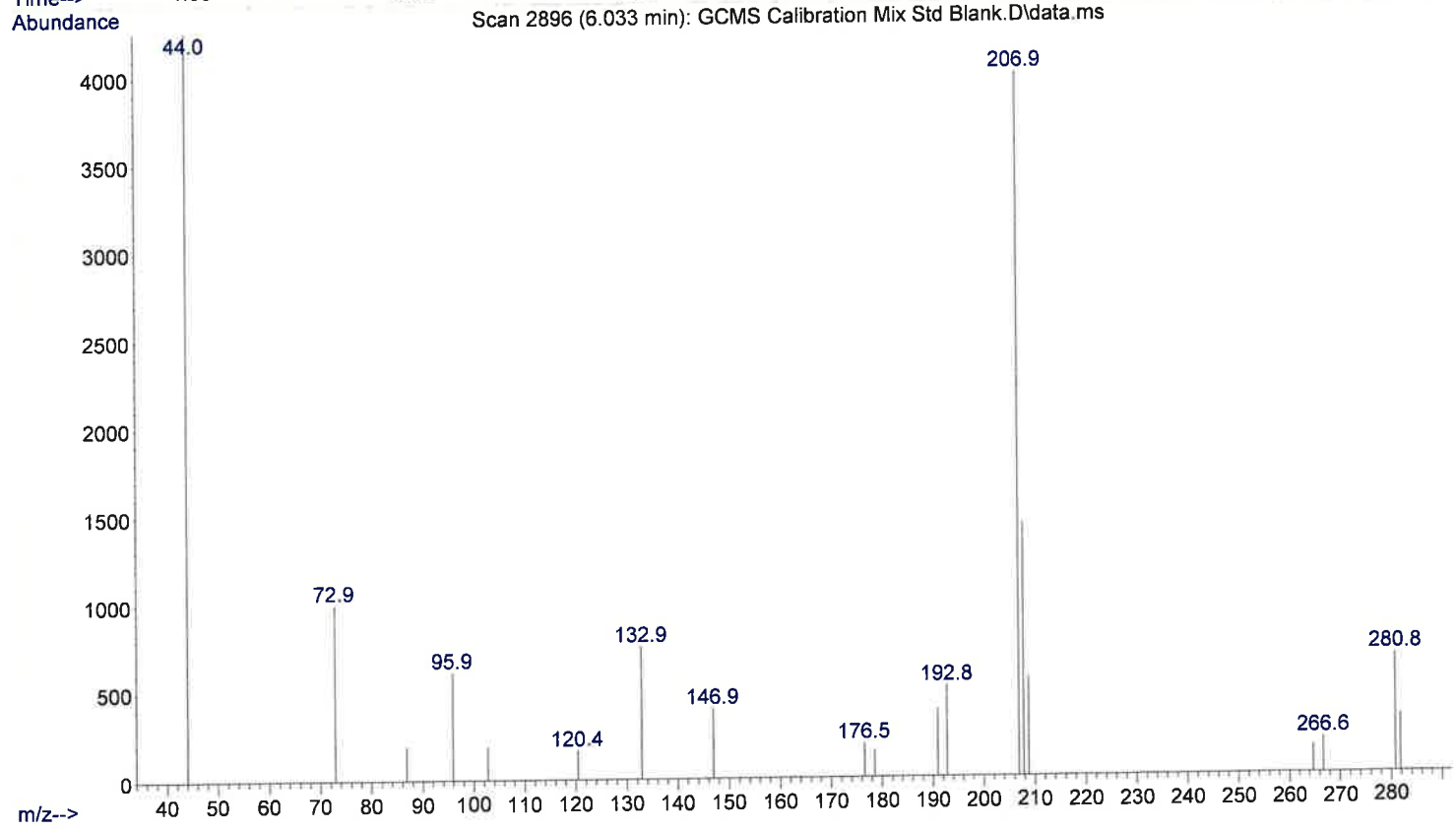
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Sample Name: Methamphetamine Std
Misc Info : Meoh,Cerilliant,LotFE006022204,Exp12-31-27



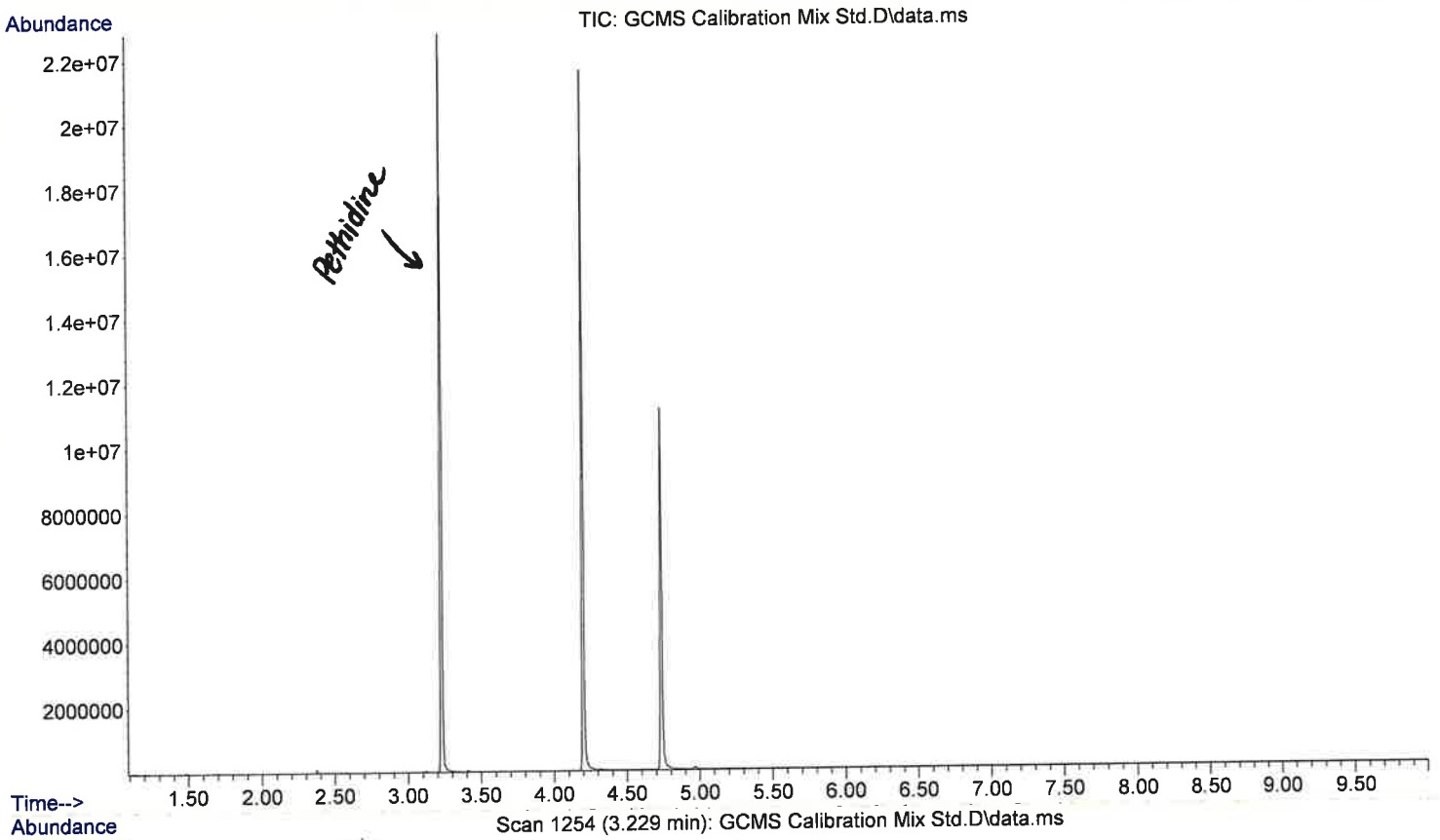
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Sample Name: GCMS Calibration Mix Std Blank
Misc Info : Meoh

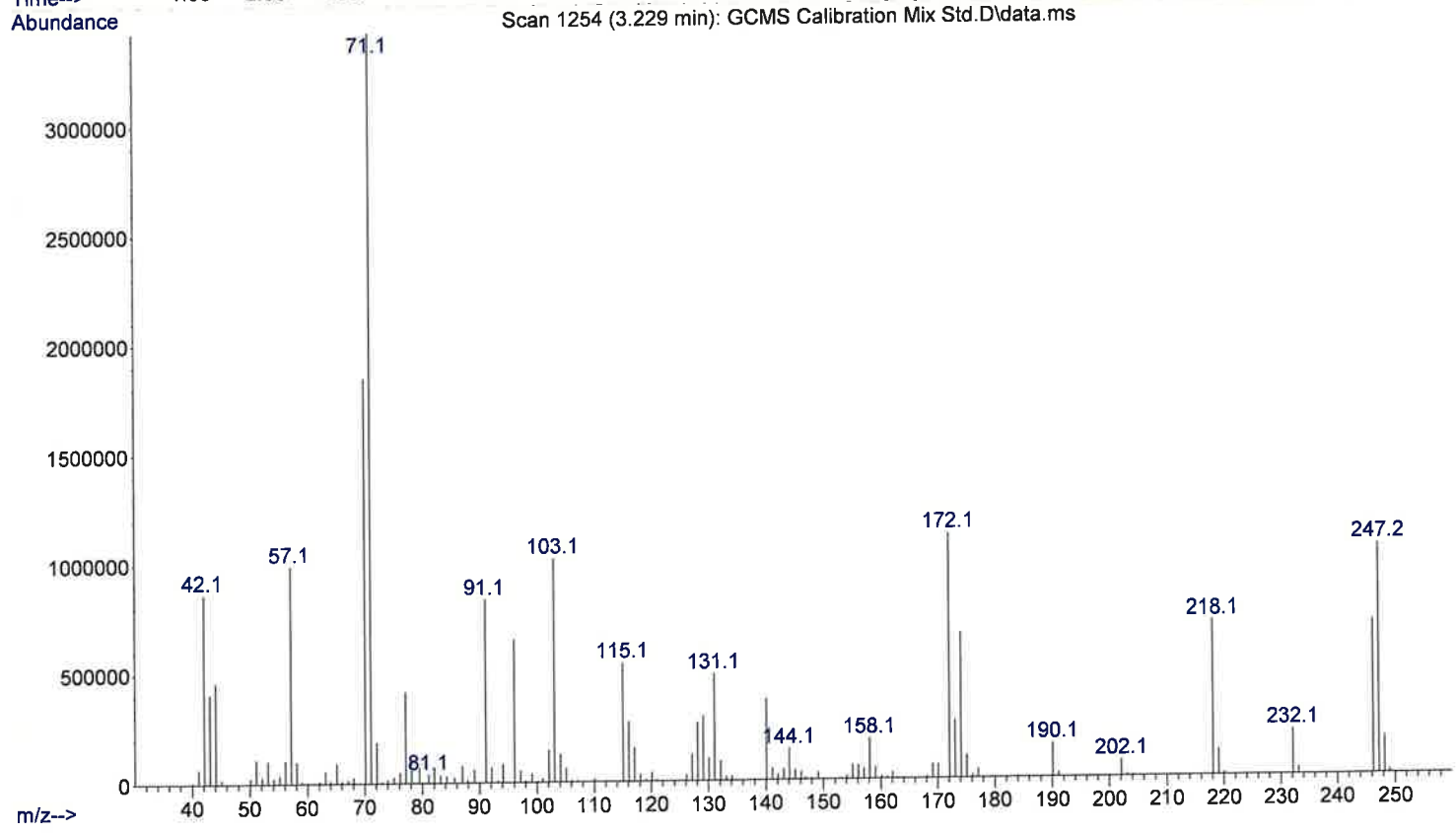
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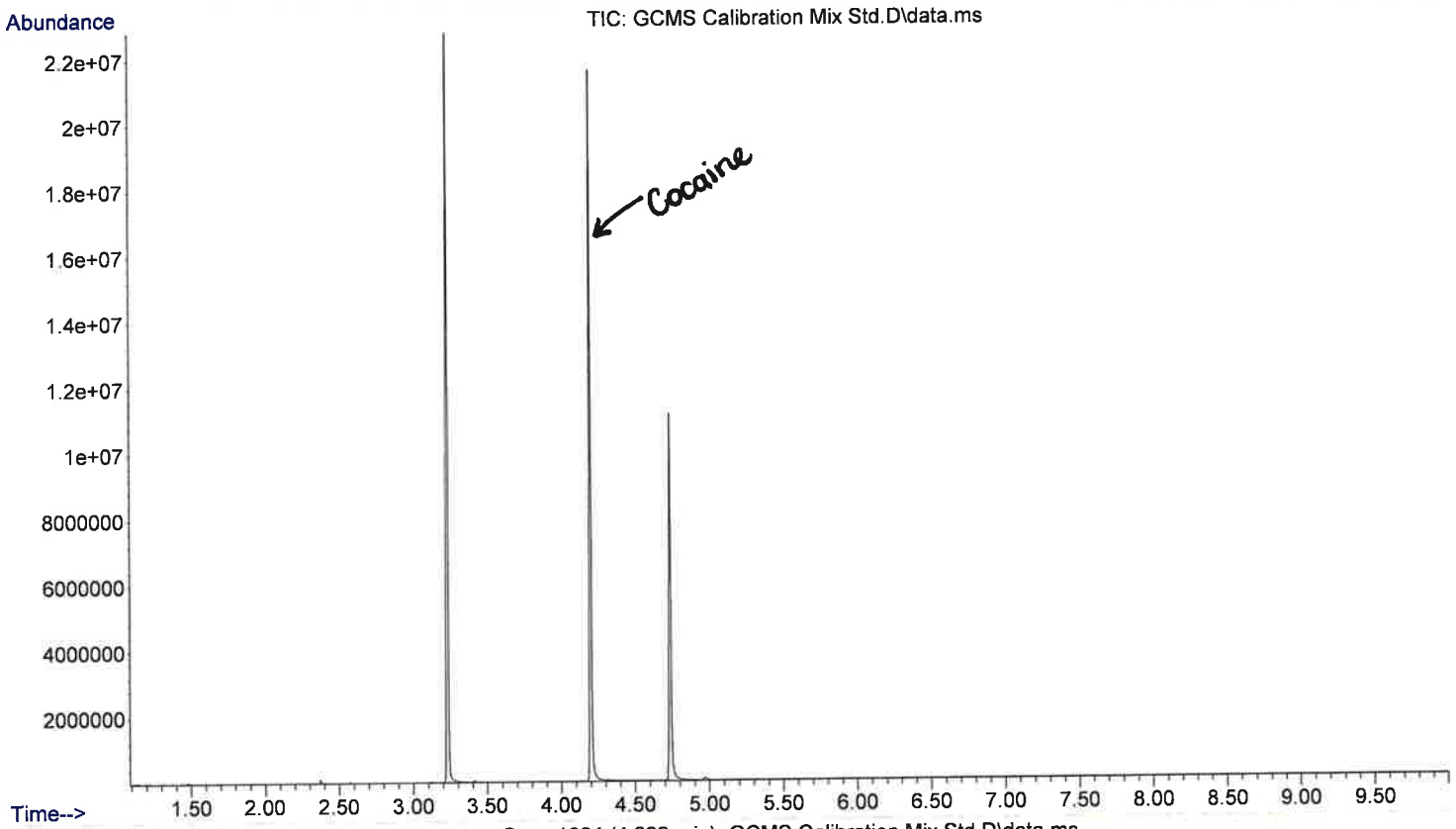


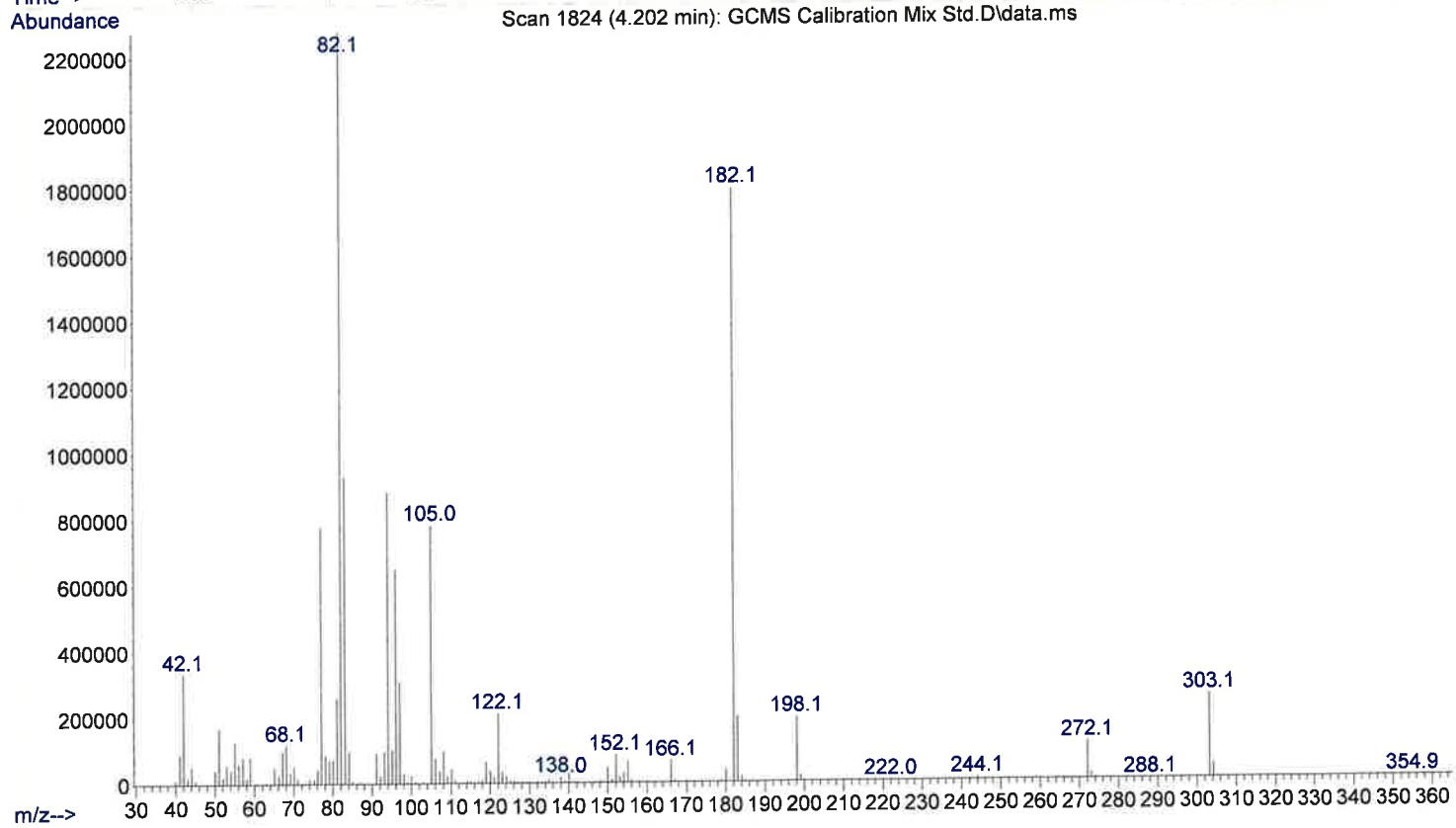
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Misc Info : Meoh,Exp 09-18-25



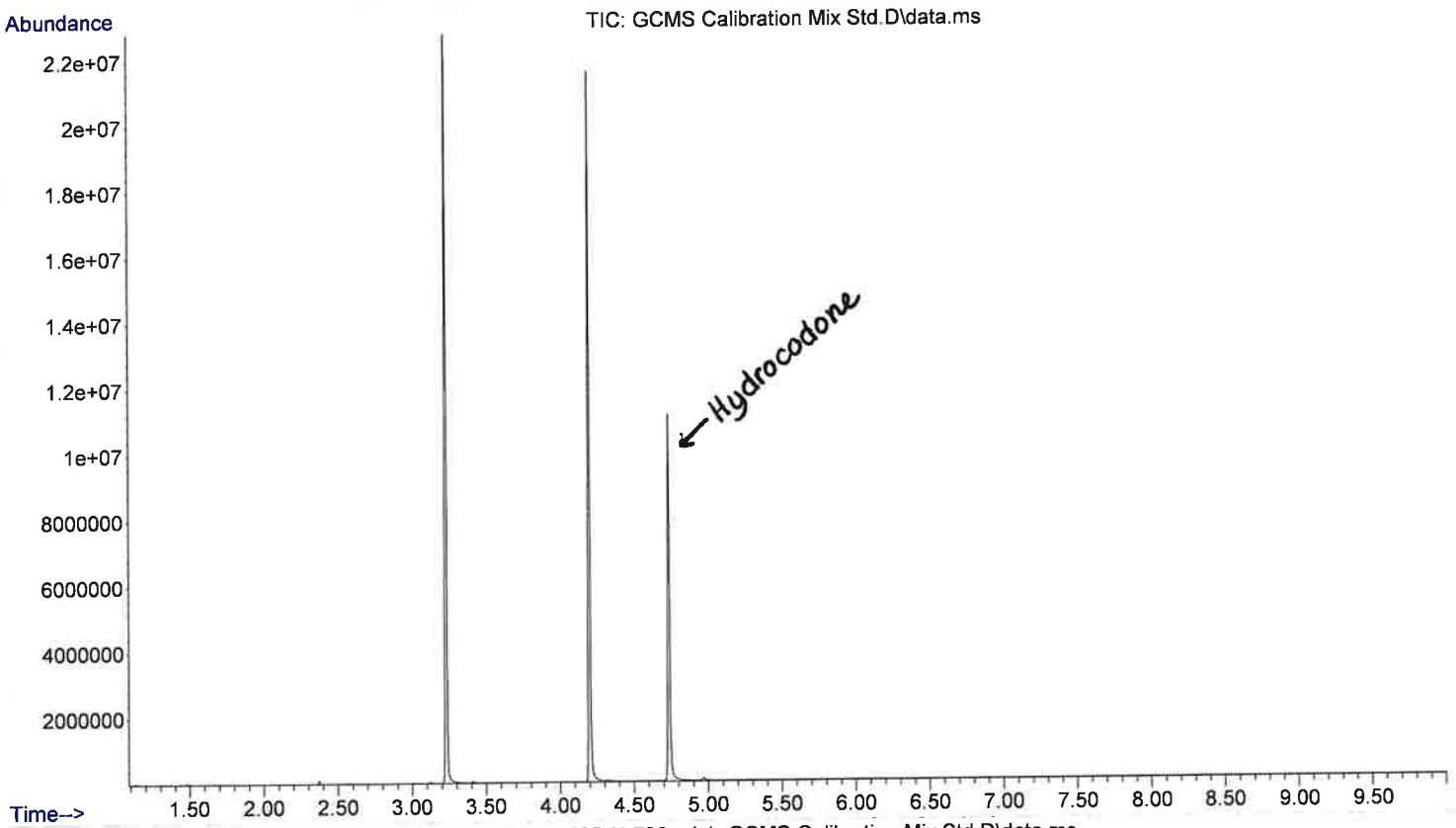


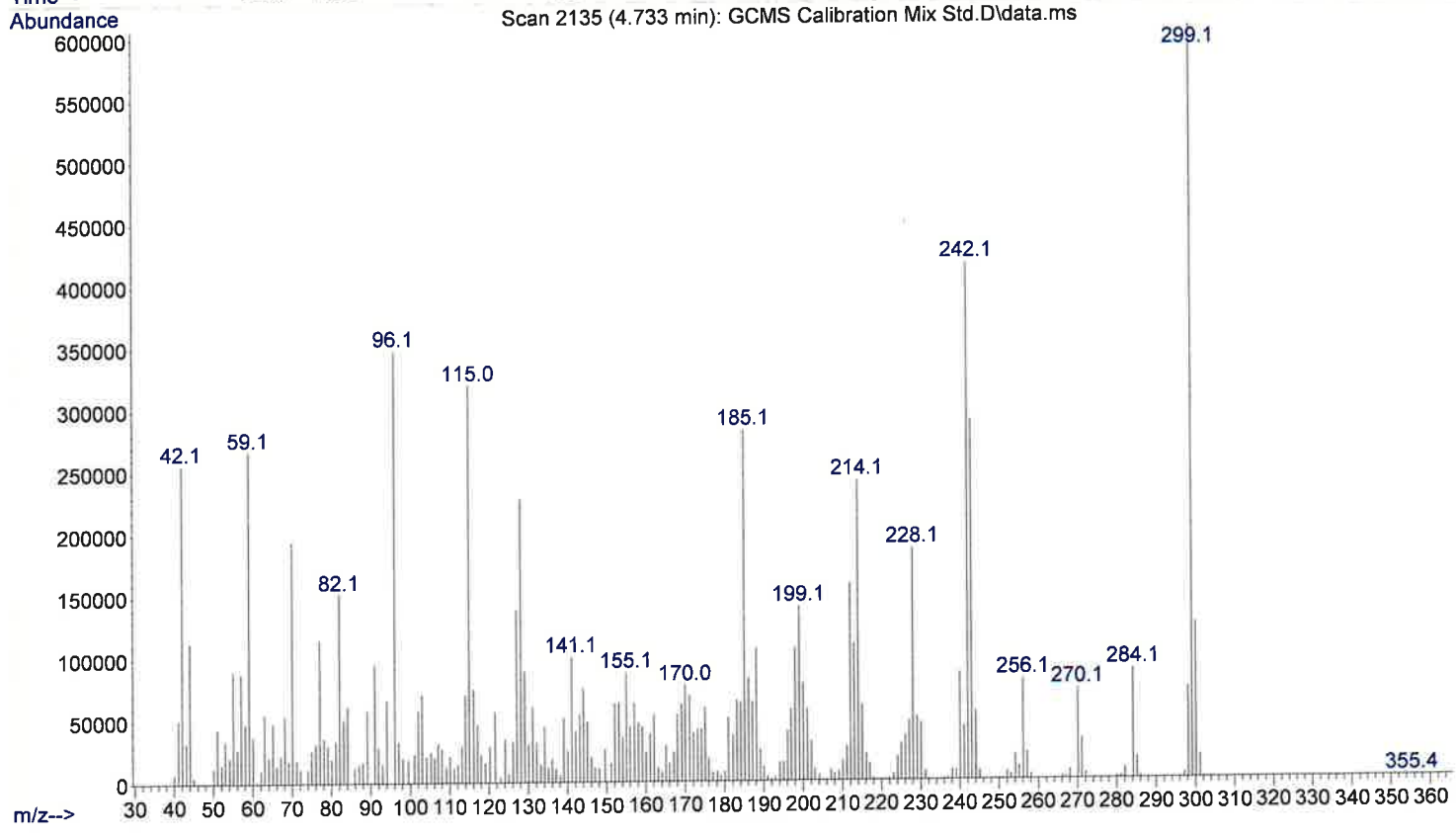
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Misc Info : Meoh,Exp 09-18-25





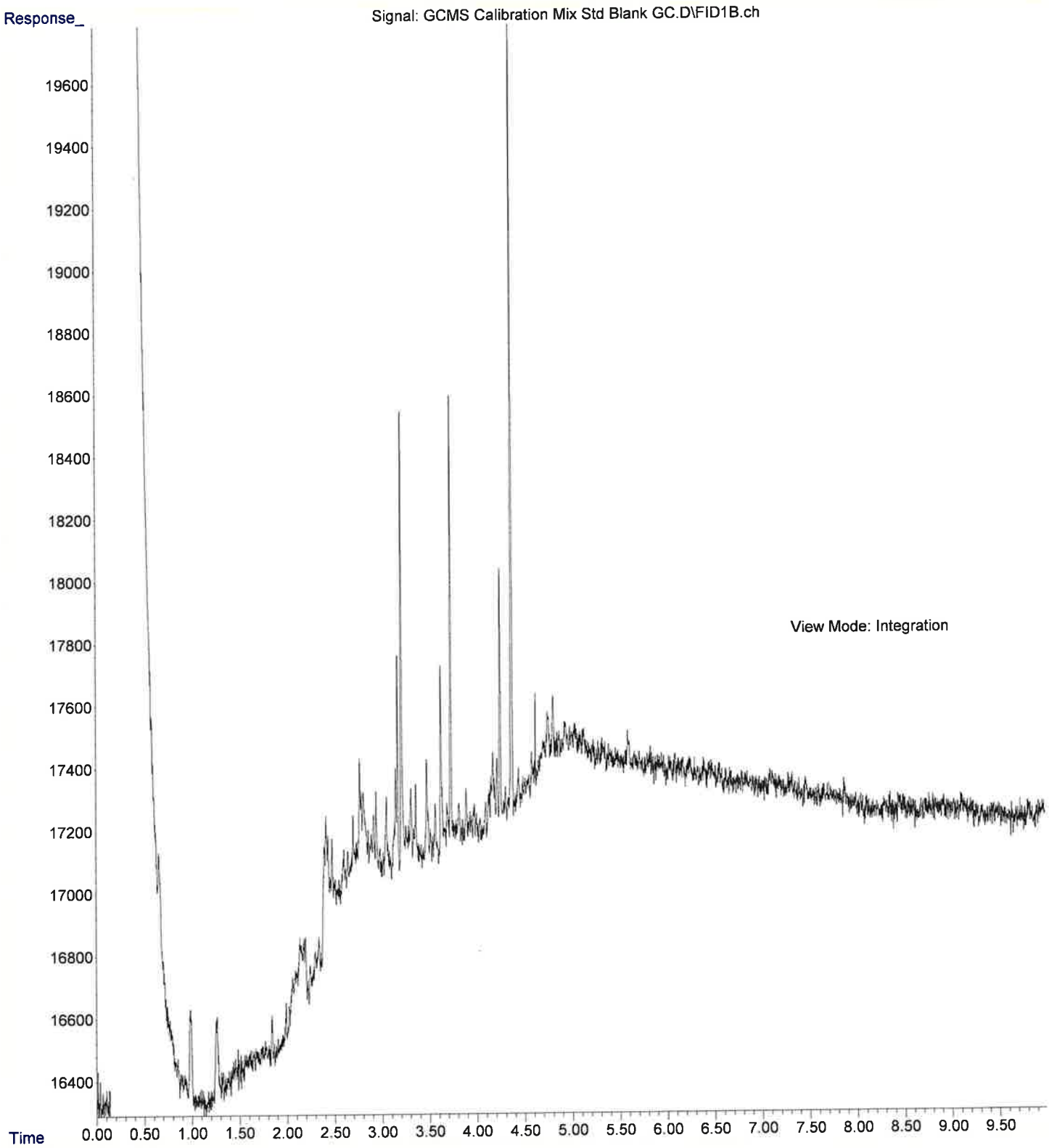
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Misc Info : Meoh,Exp 09-18-25



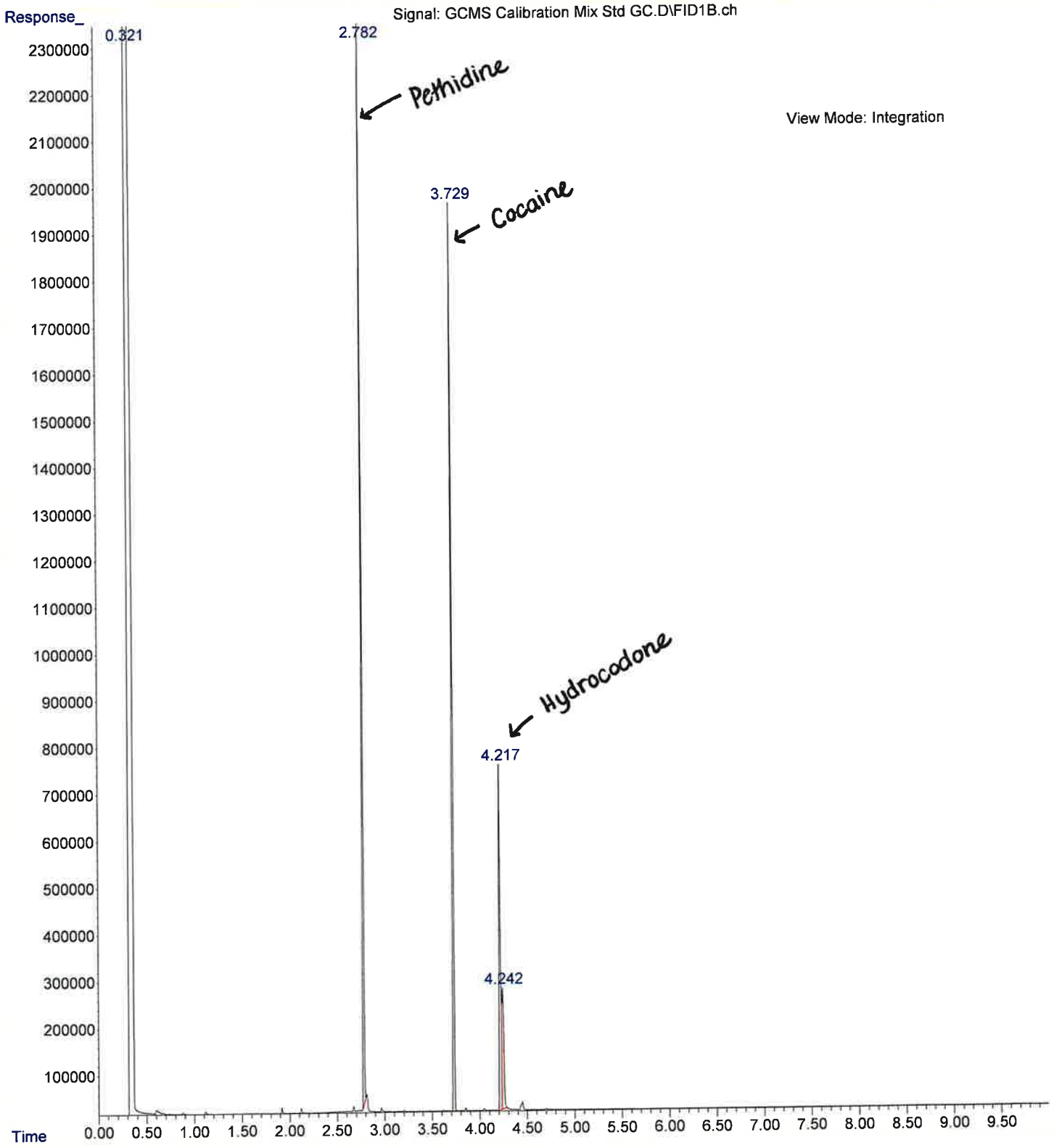


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Sample Name: GCMS Calibration Mix Std Blank GC
Misc Info  : Meoh
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NC9D

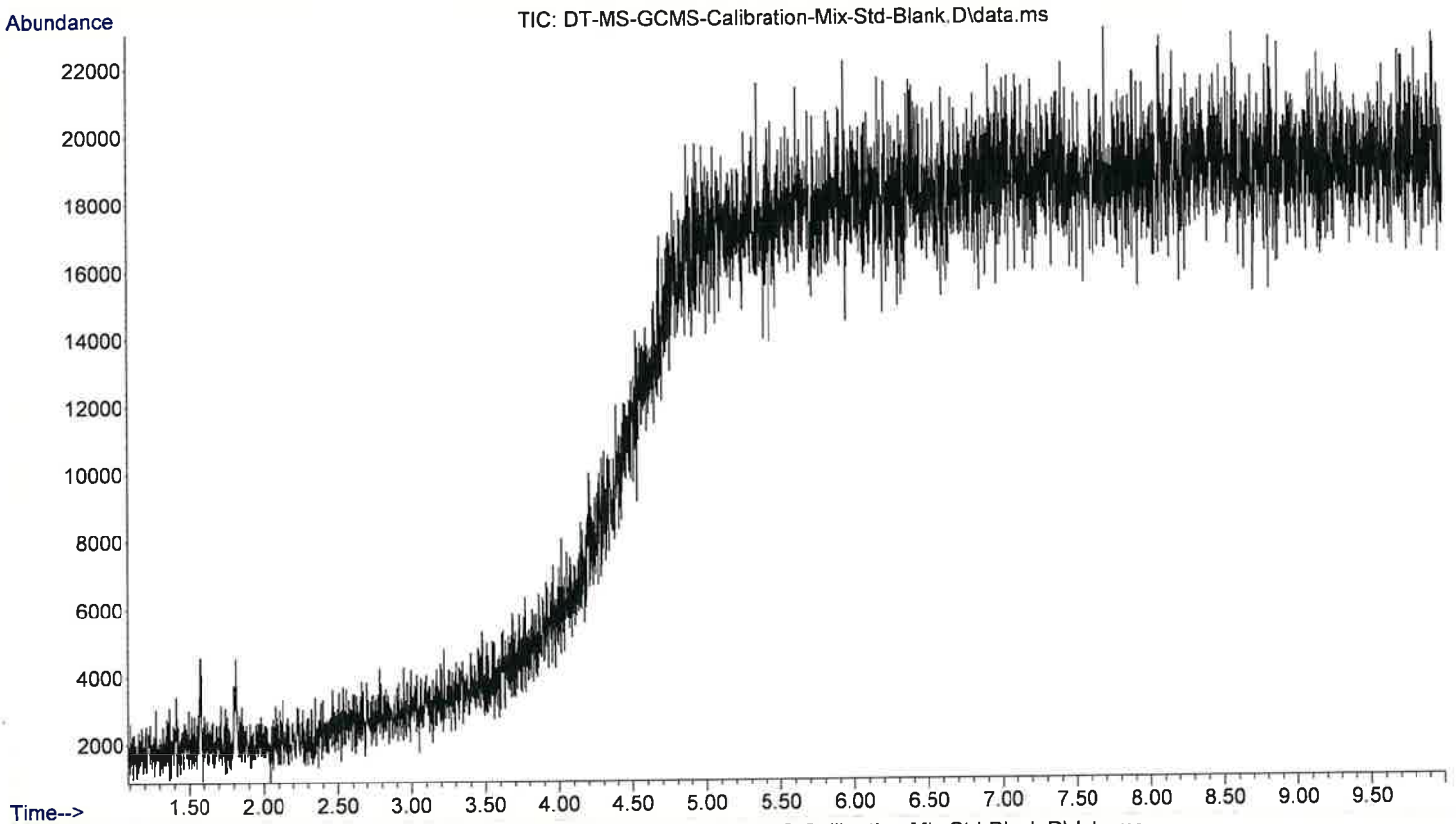


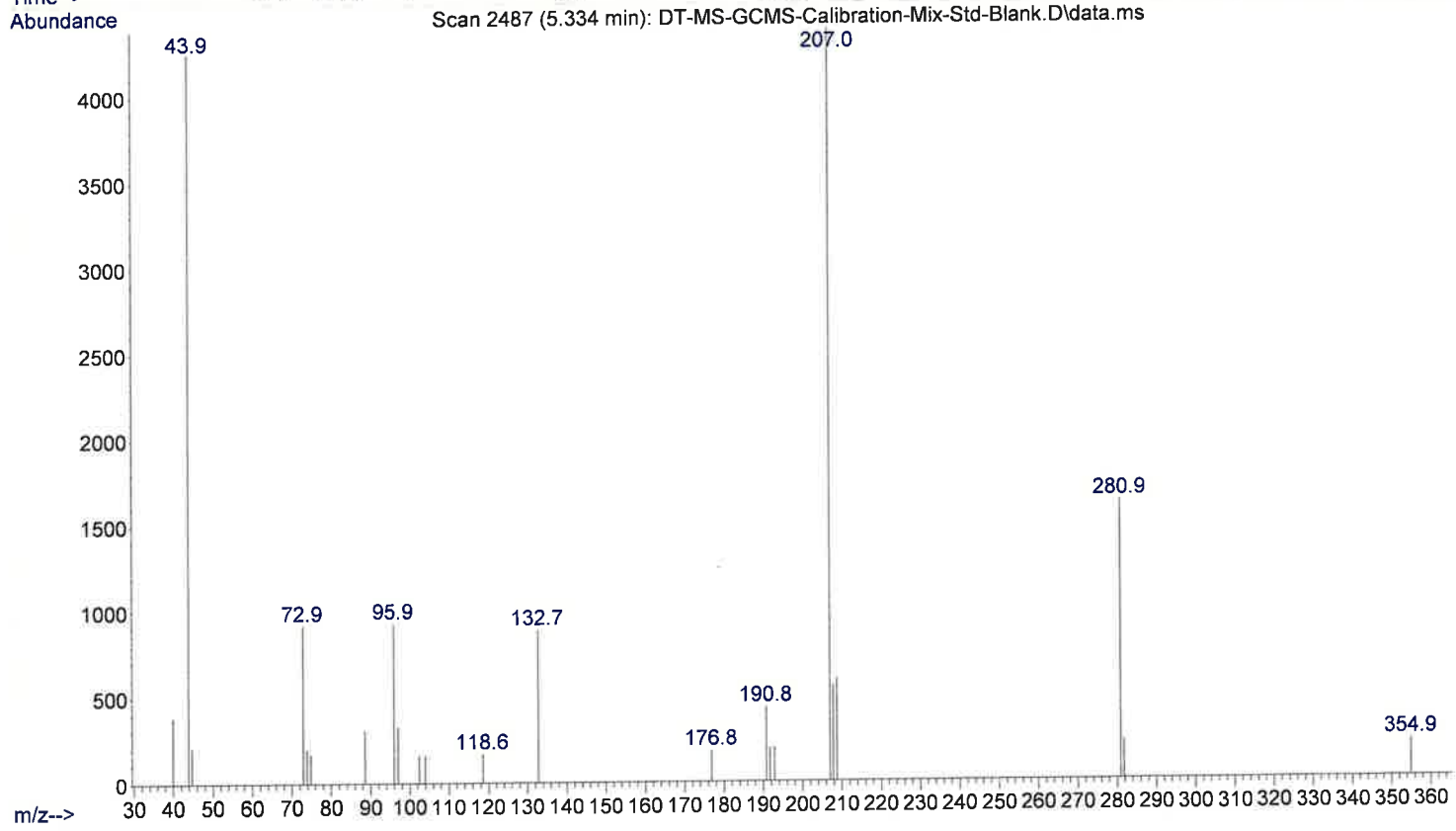
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Misc Info  : Meoh,Exp 09-18-25
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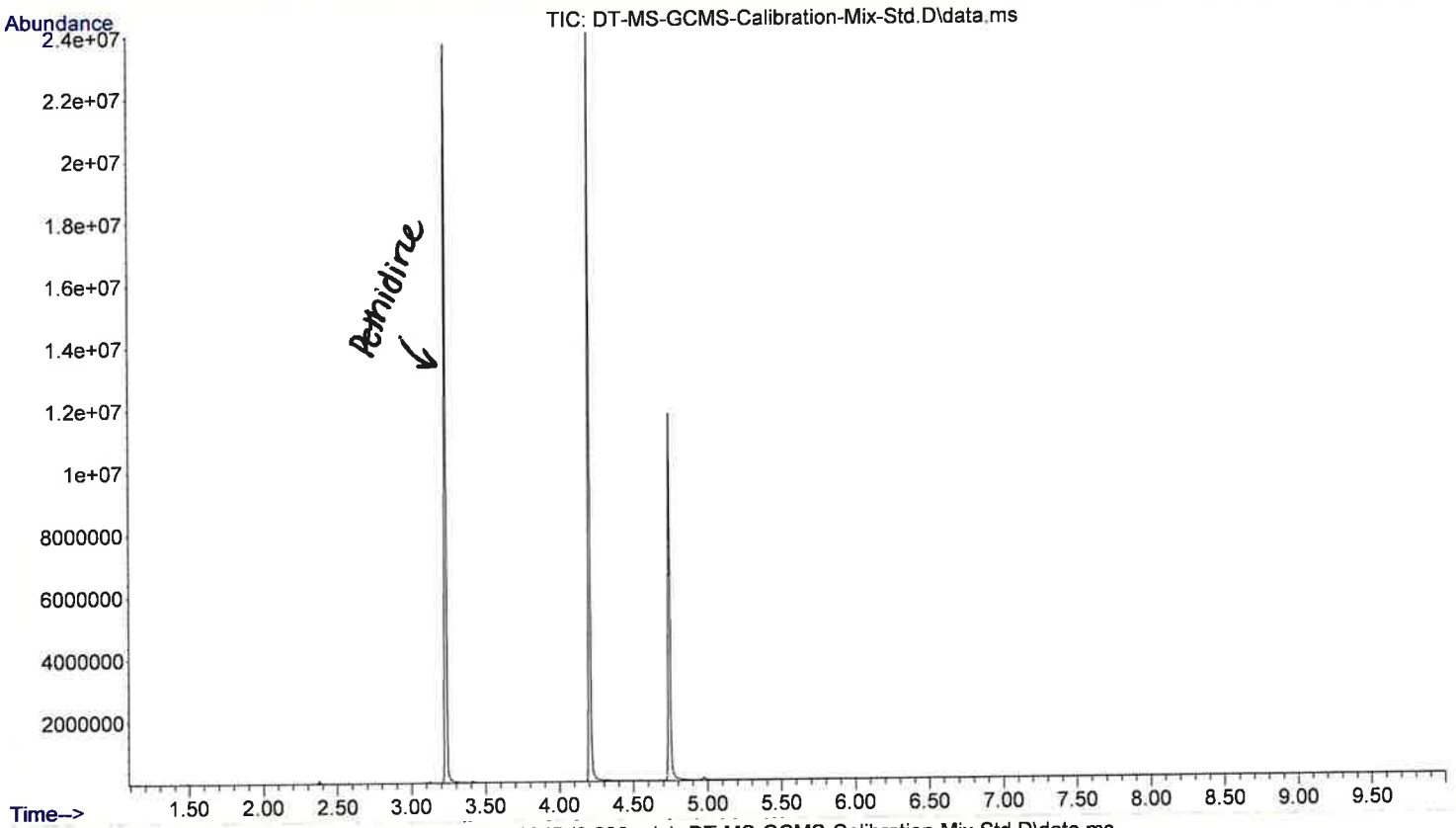
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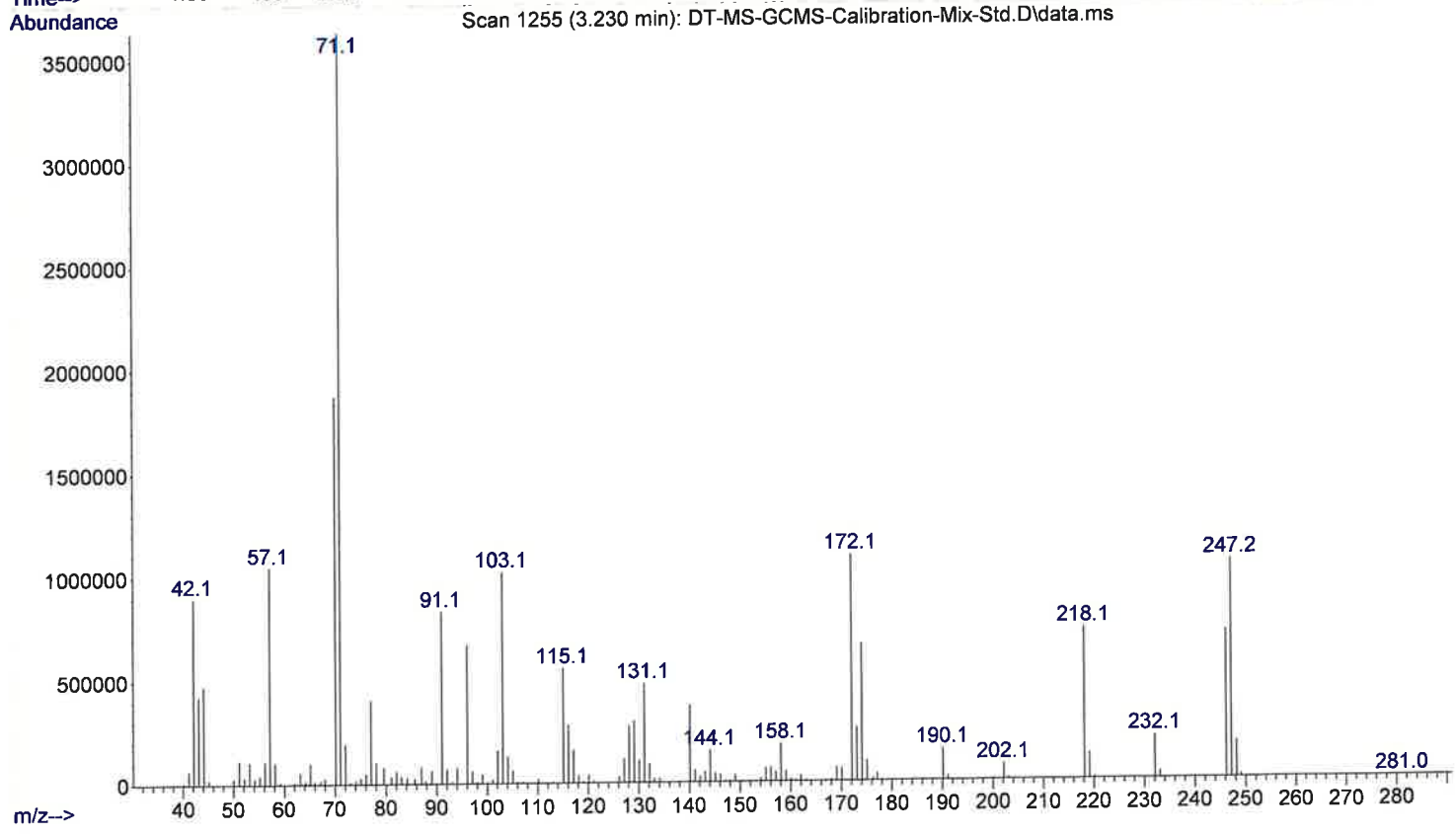
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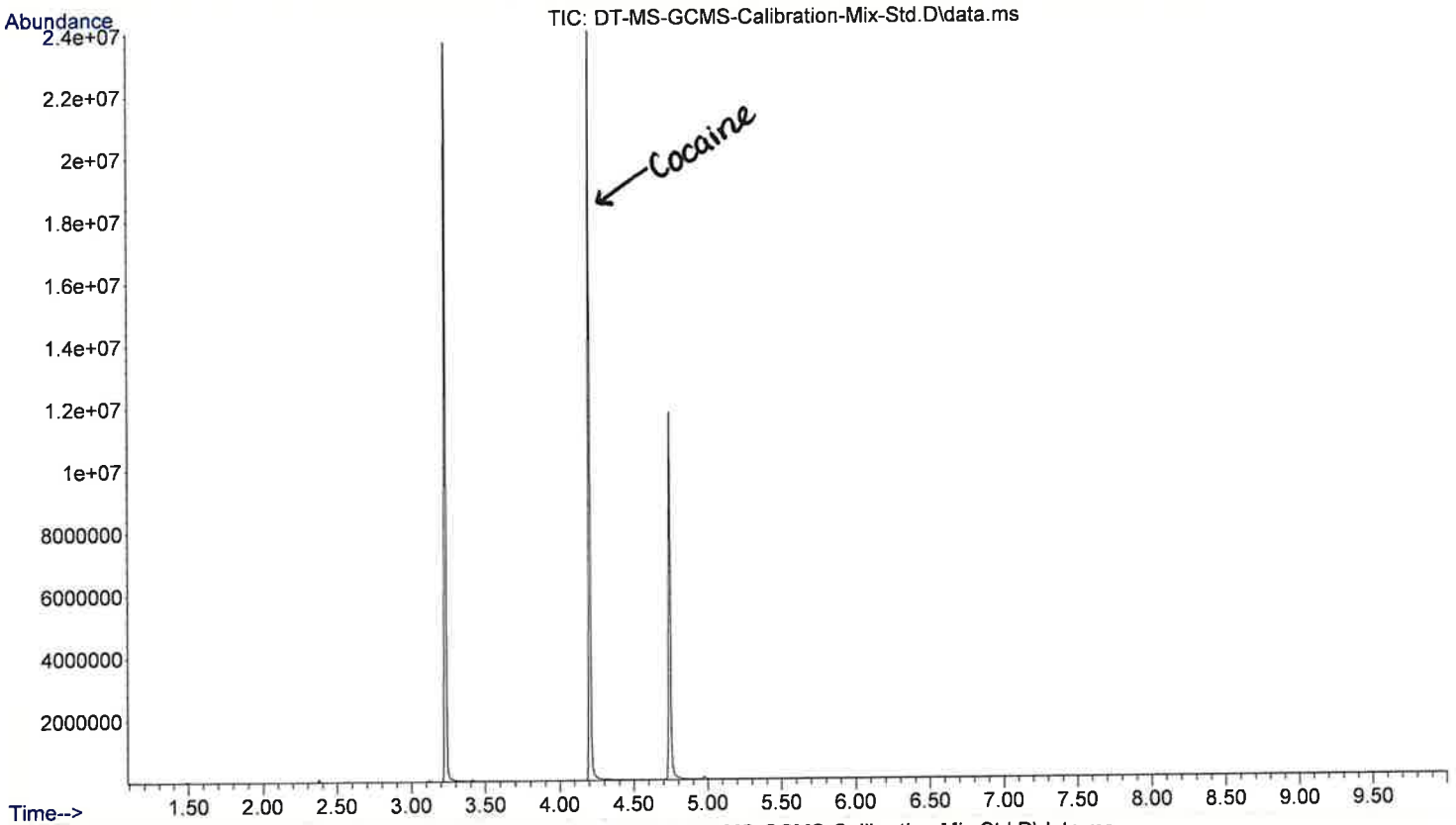


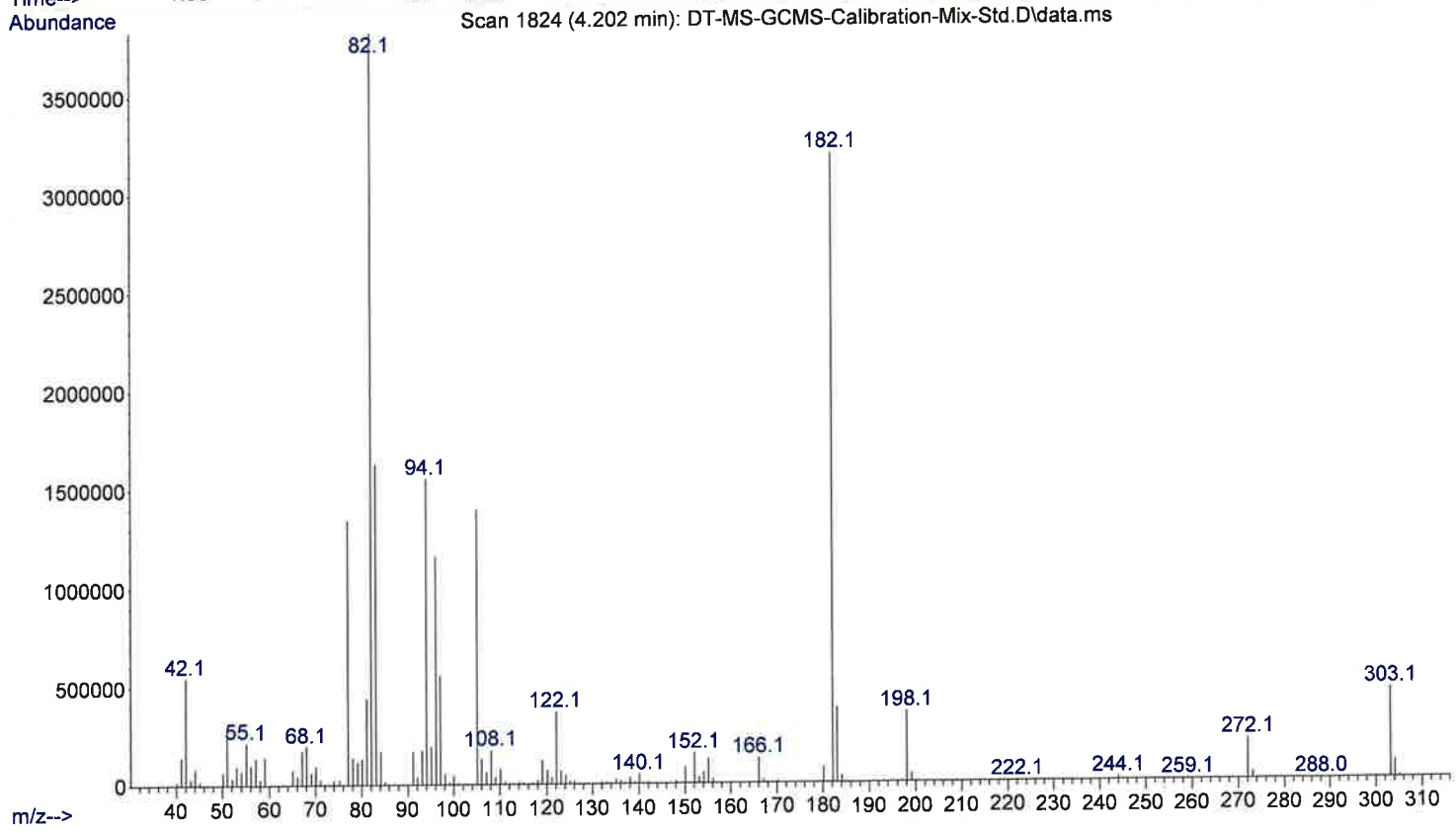
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Misc Info  : Meoh,Exp 09-18-25
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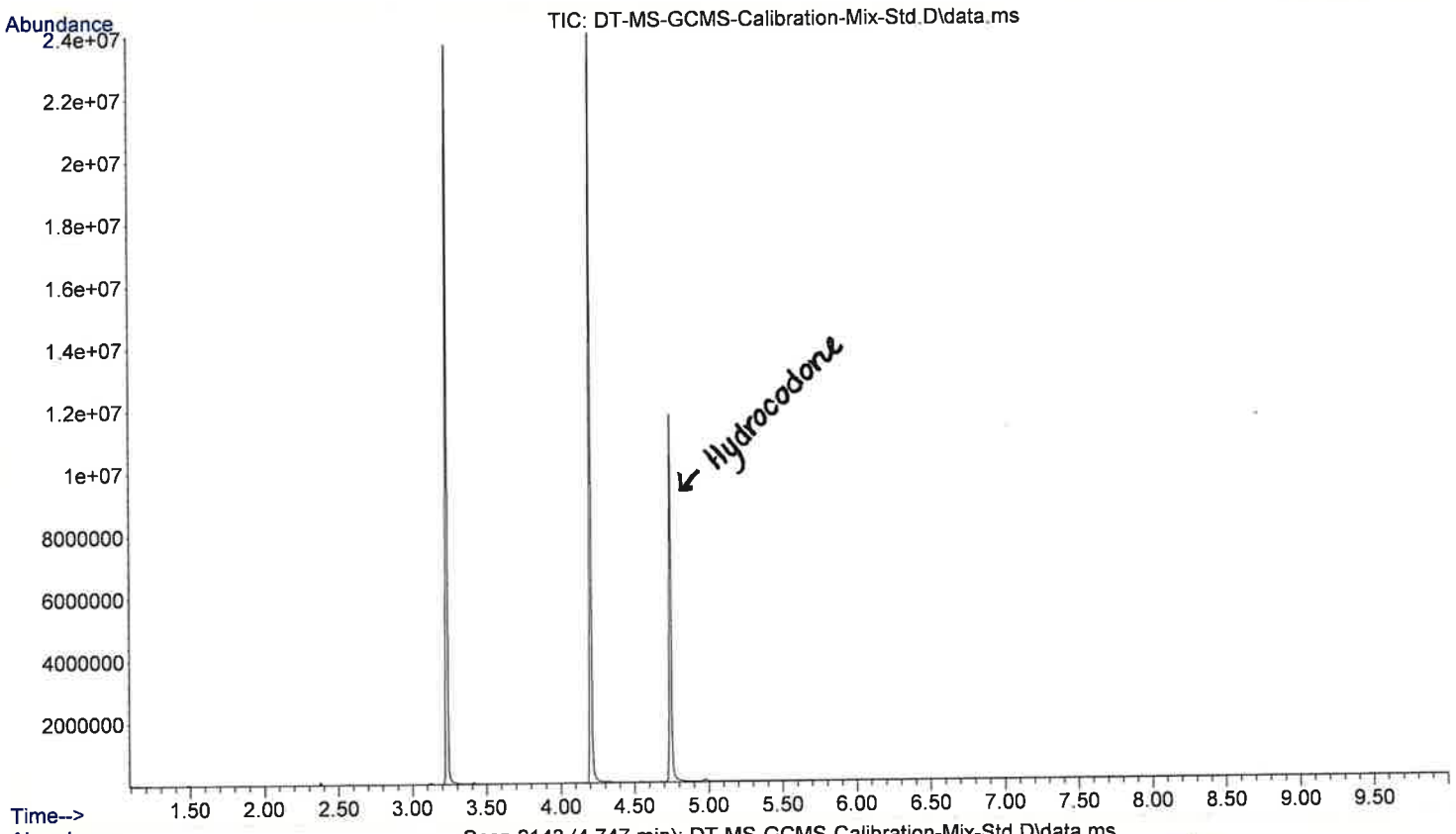


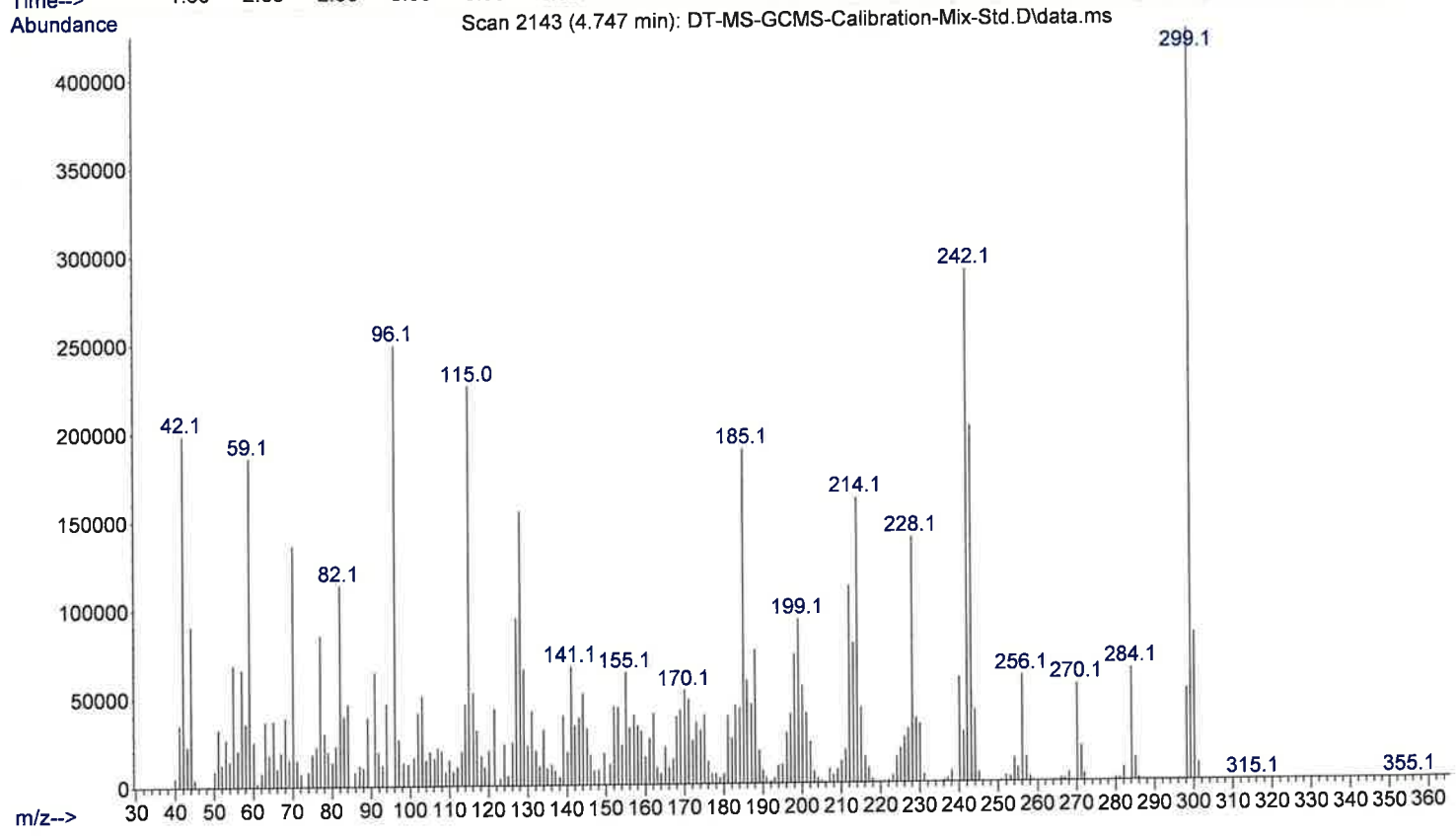
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Misc Info : Meoh,Exp 09-18-25





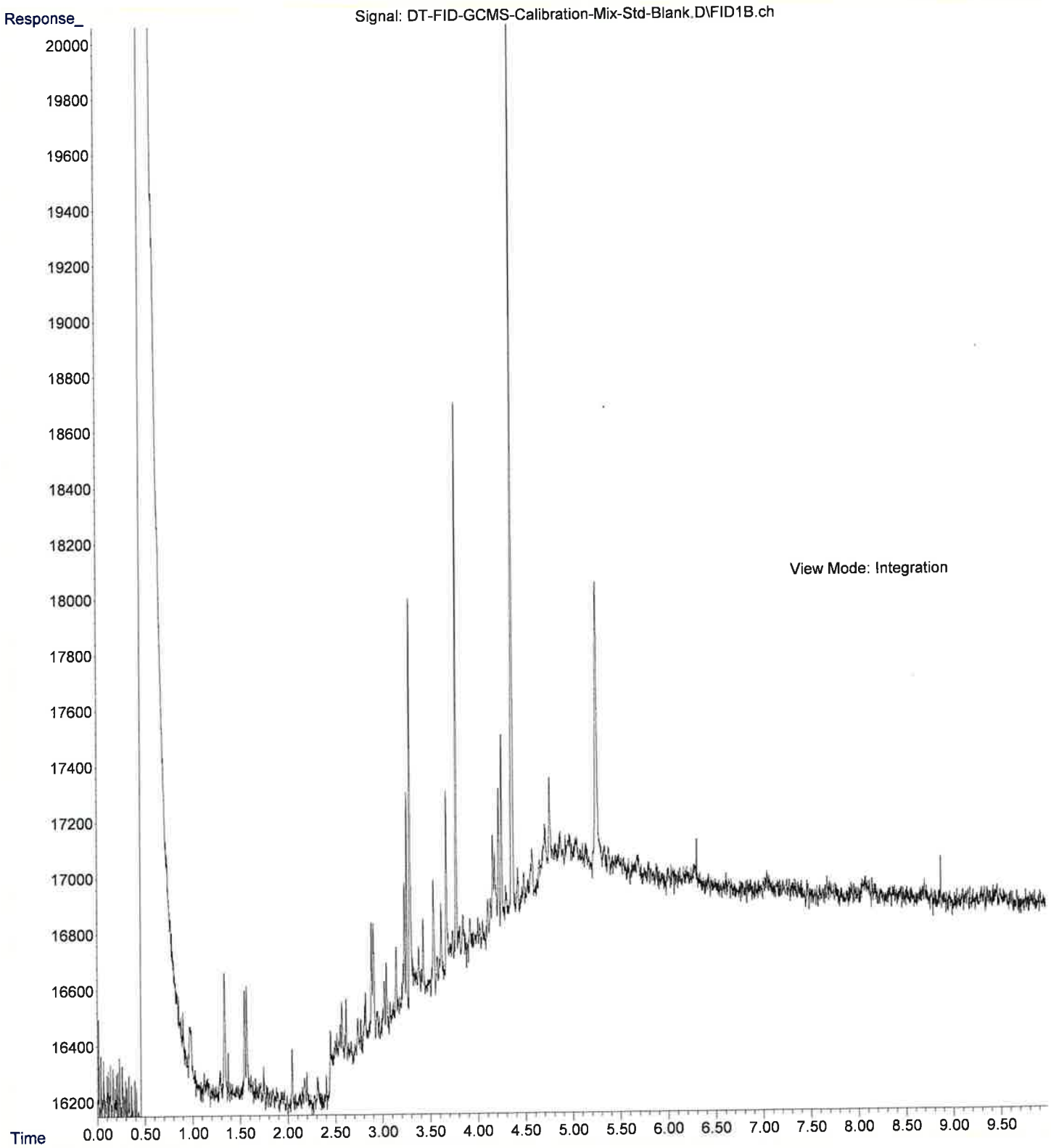
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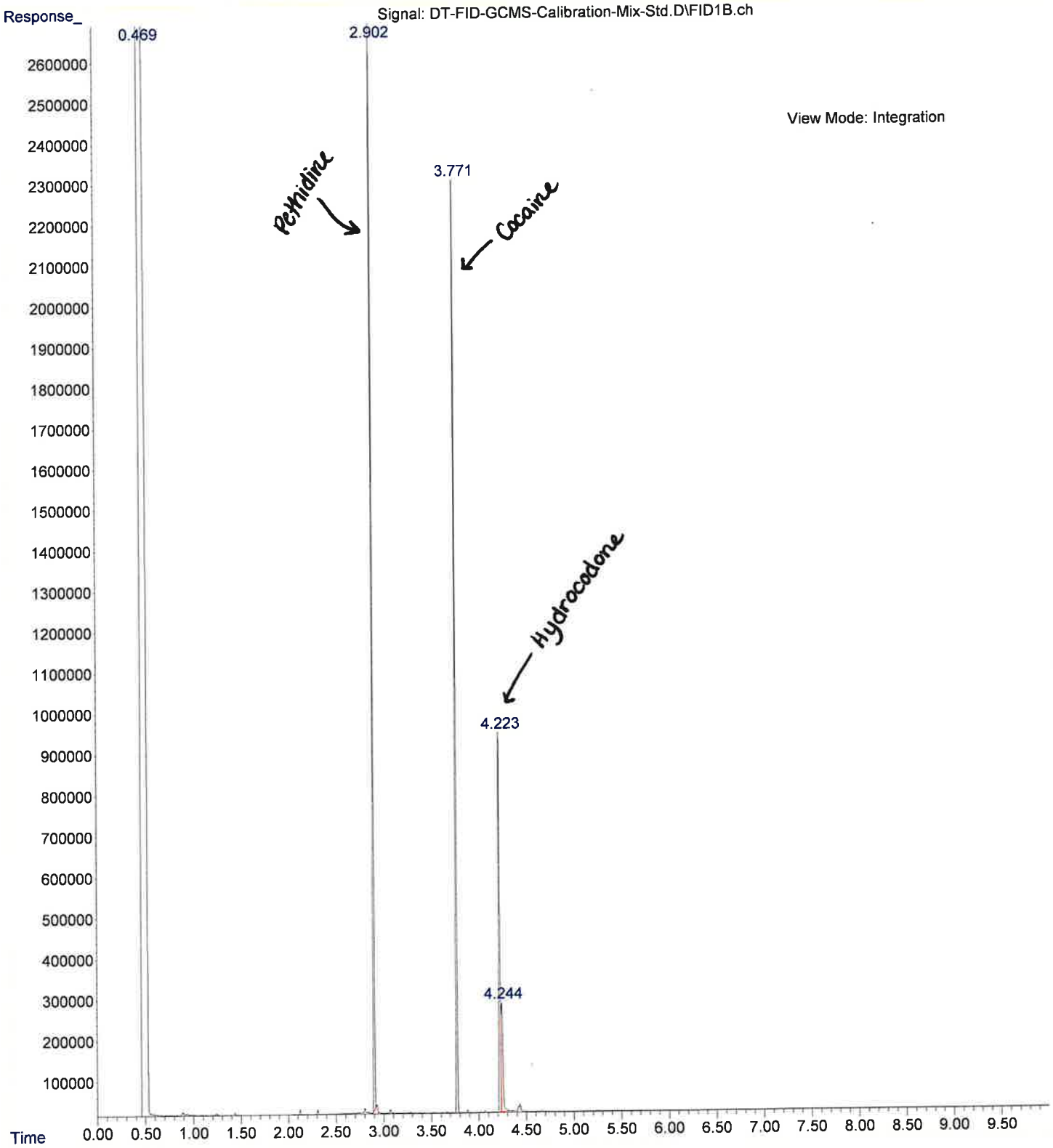


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Instrument : Quincy
Acquired : 06 Mar 2025 19:42 using AcqMethod DTDRUGS100.M
Sample Name: GCMS Calibration Mix Std Blank
Misc Info : Meoh

NC3D

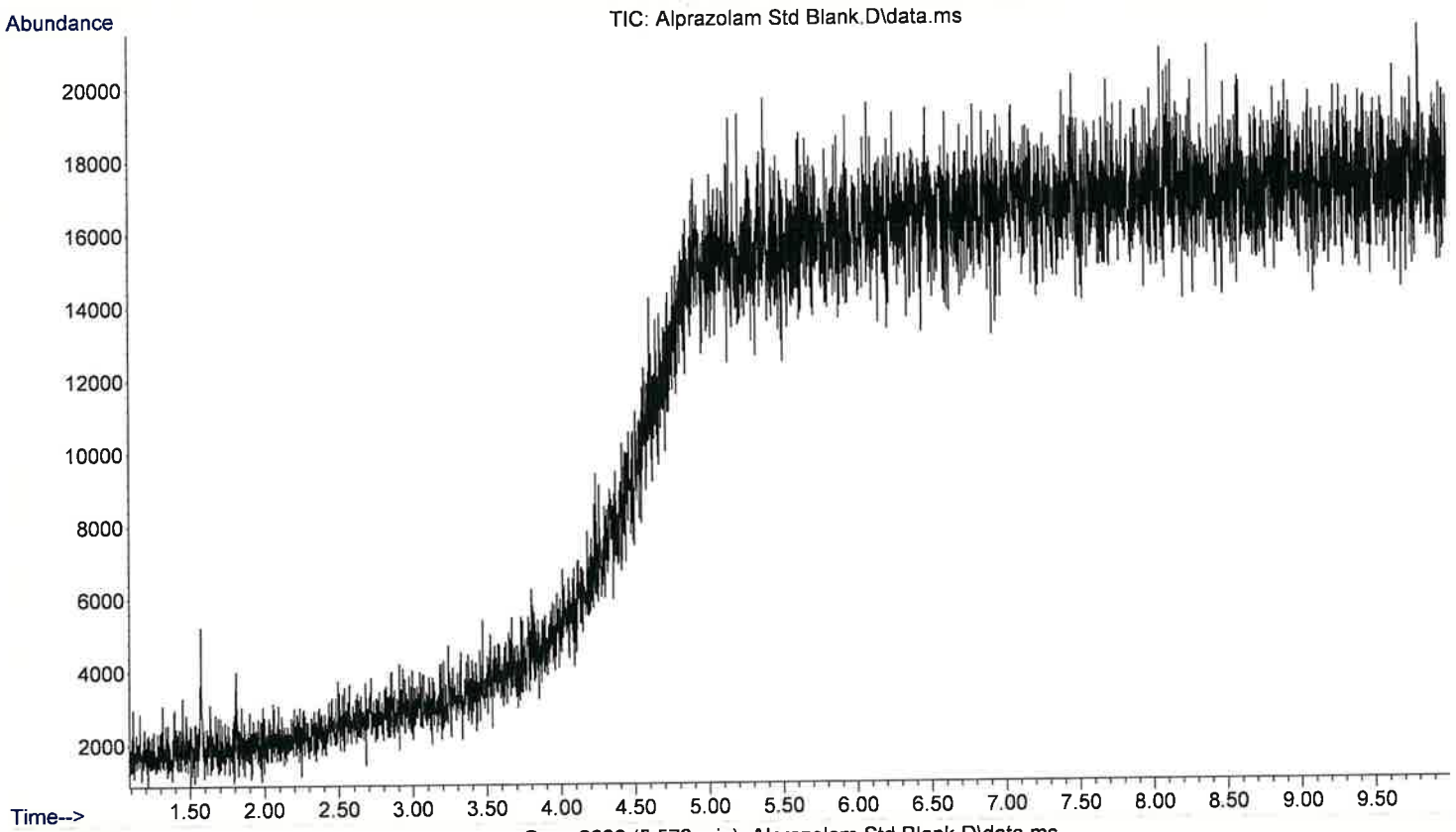


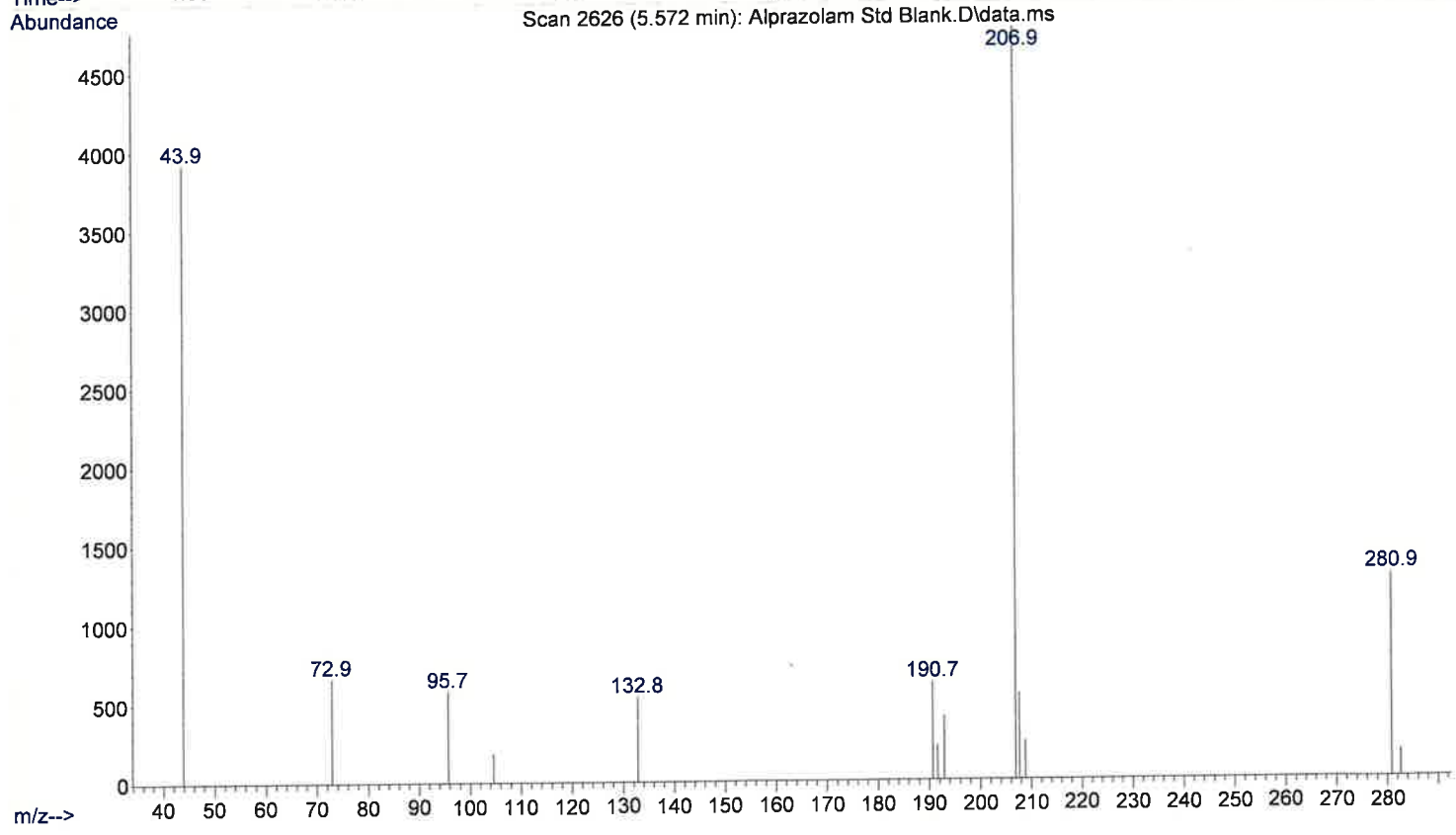
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Sample Name: GCMS Calibration Mix Std
Misc Info : Meoh,Exp 09-18-25



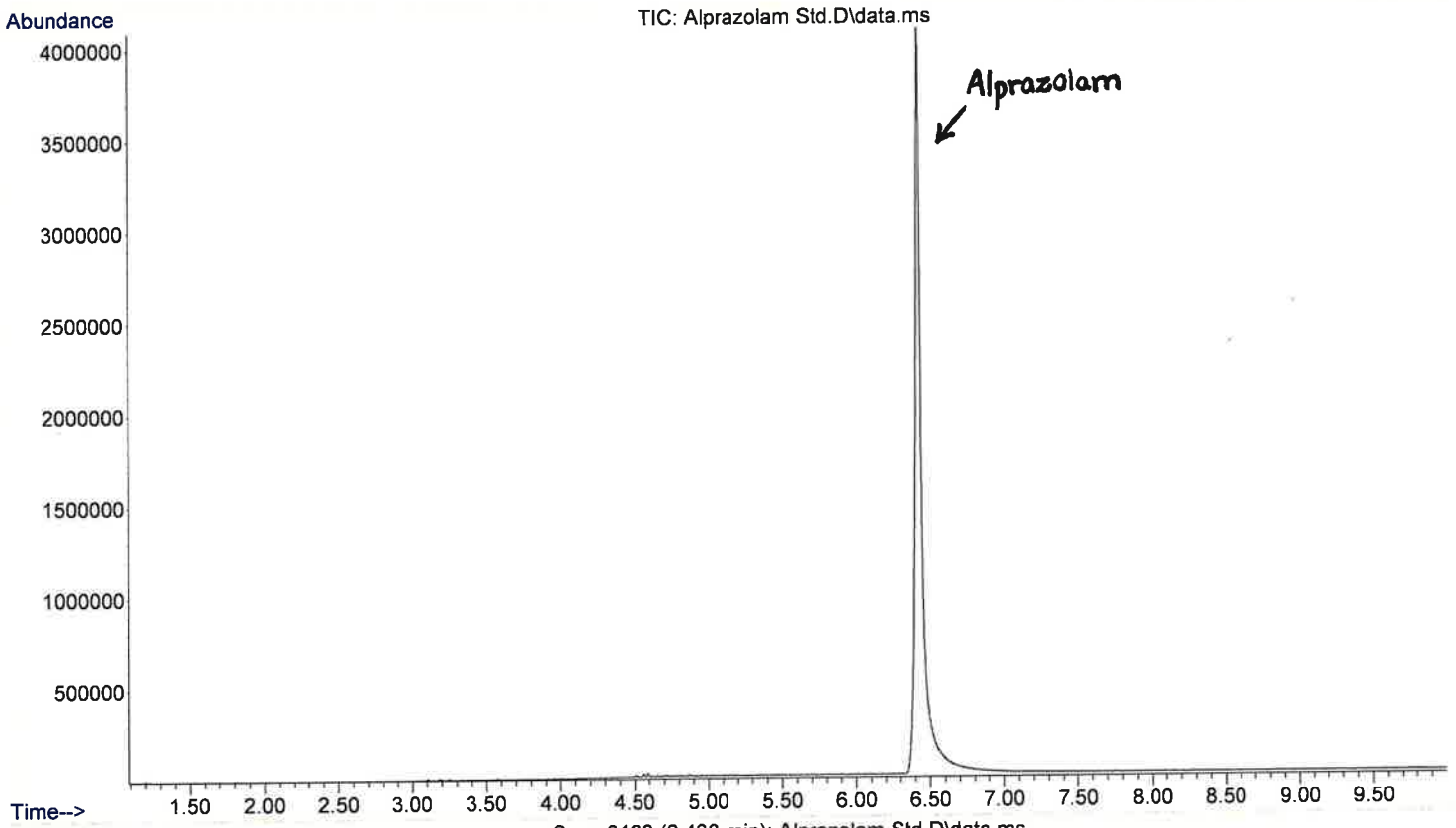
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Sample Name: Alprazolam Std Blank
Misc Info : Meoh

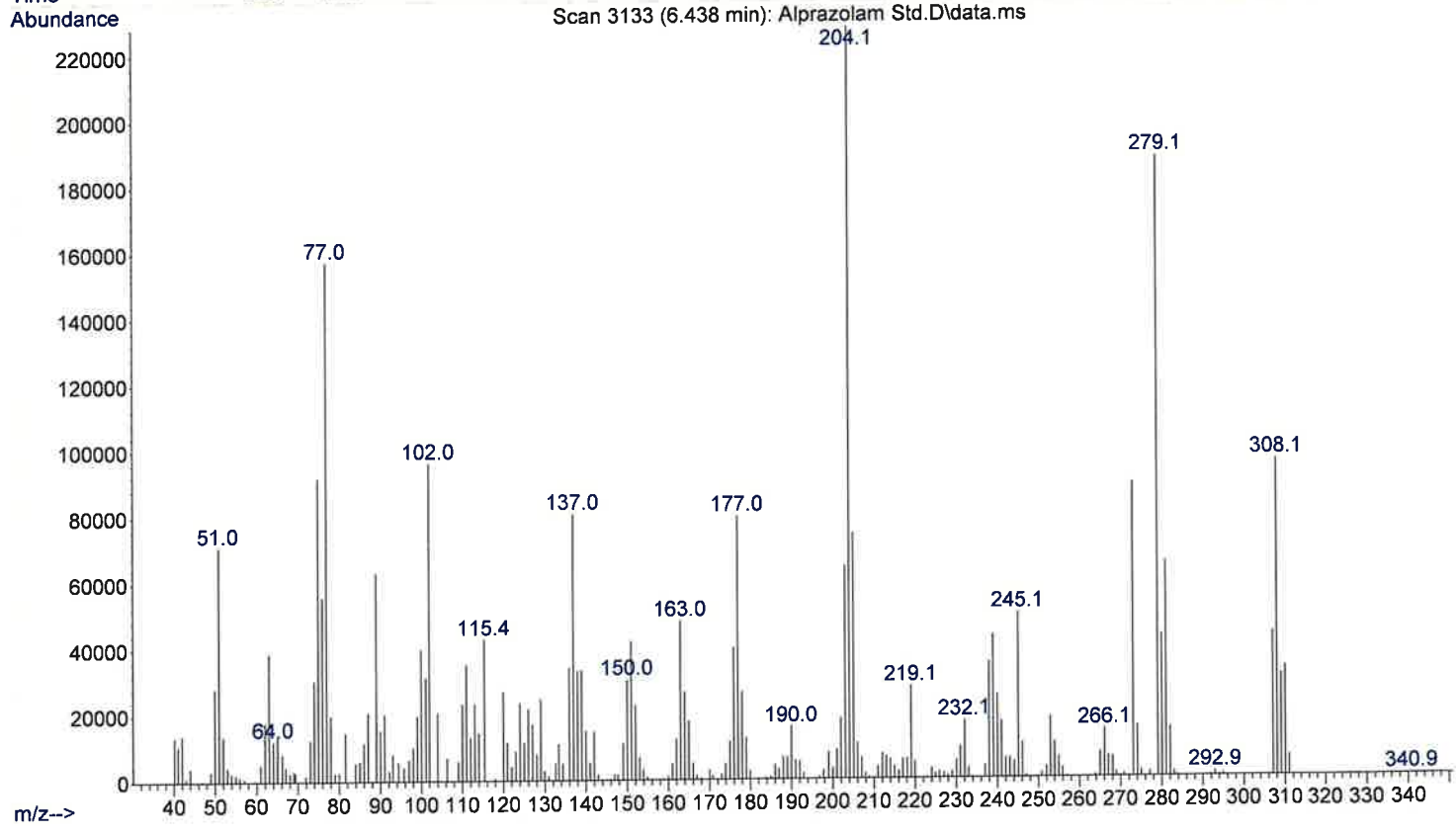
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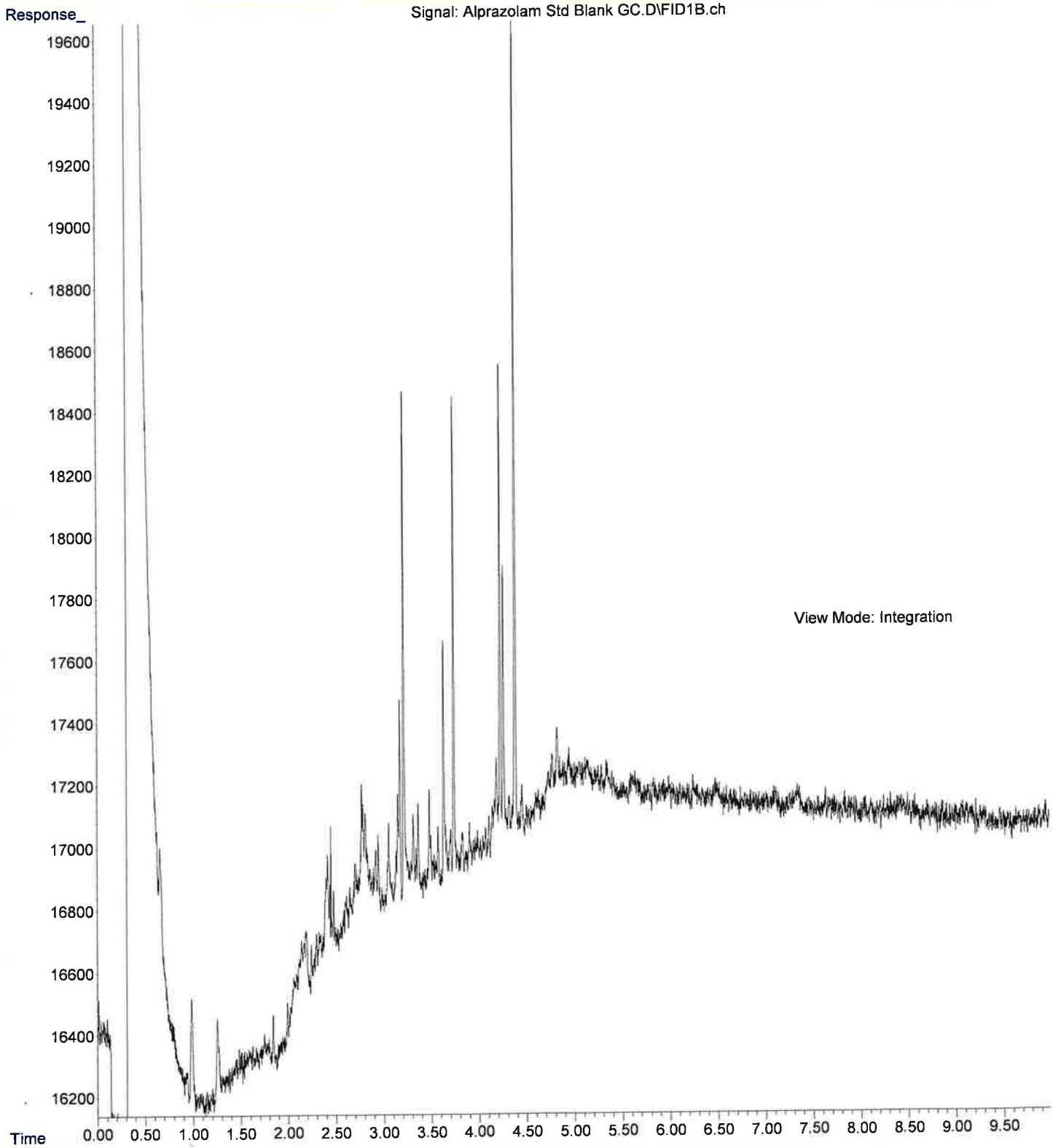
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Instrument : Quincy
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Sample Name: Alprazolam Std
Misc Info : Meoh,Cerilliant,LotFE050032221,Exp01-31-28



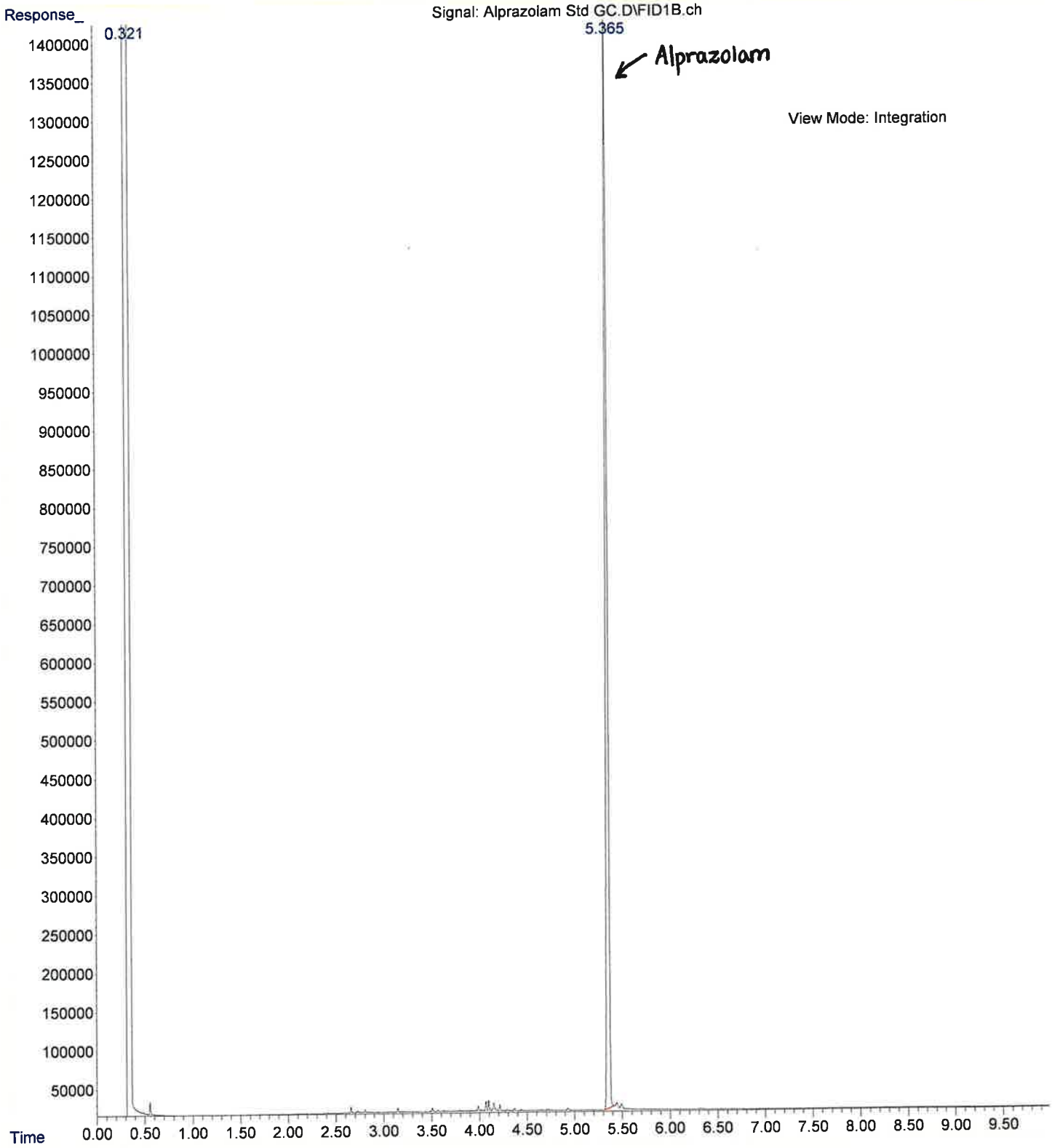


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Sample Name: Alprazolam Std Blank GC
Misc Info  : Meoh
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NCSD

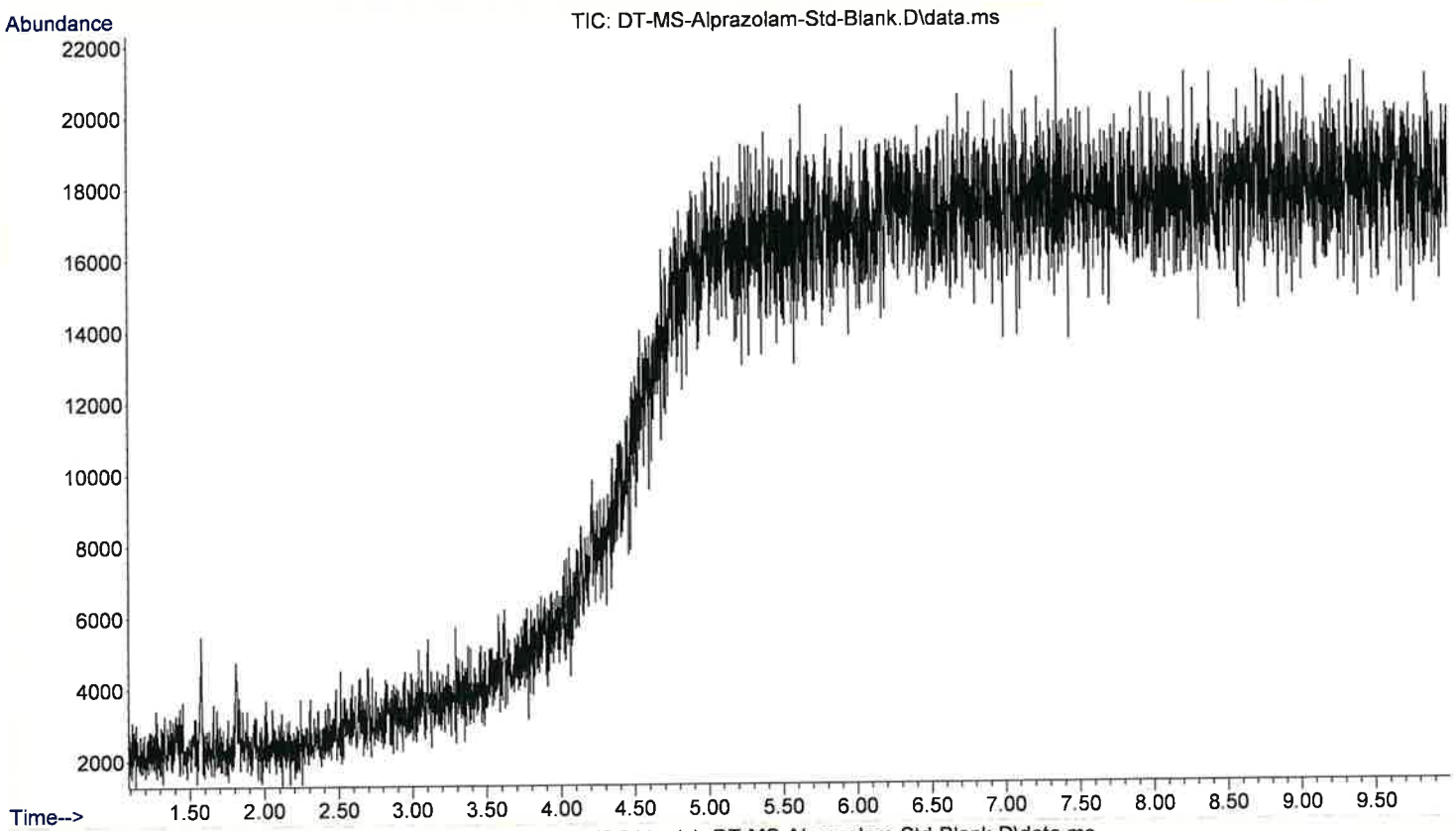


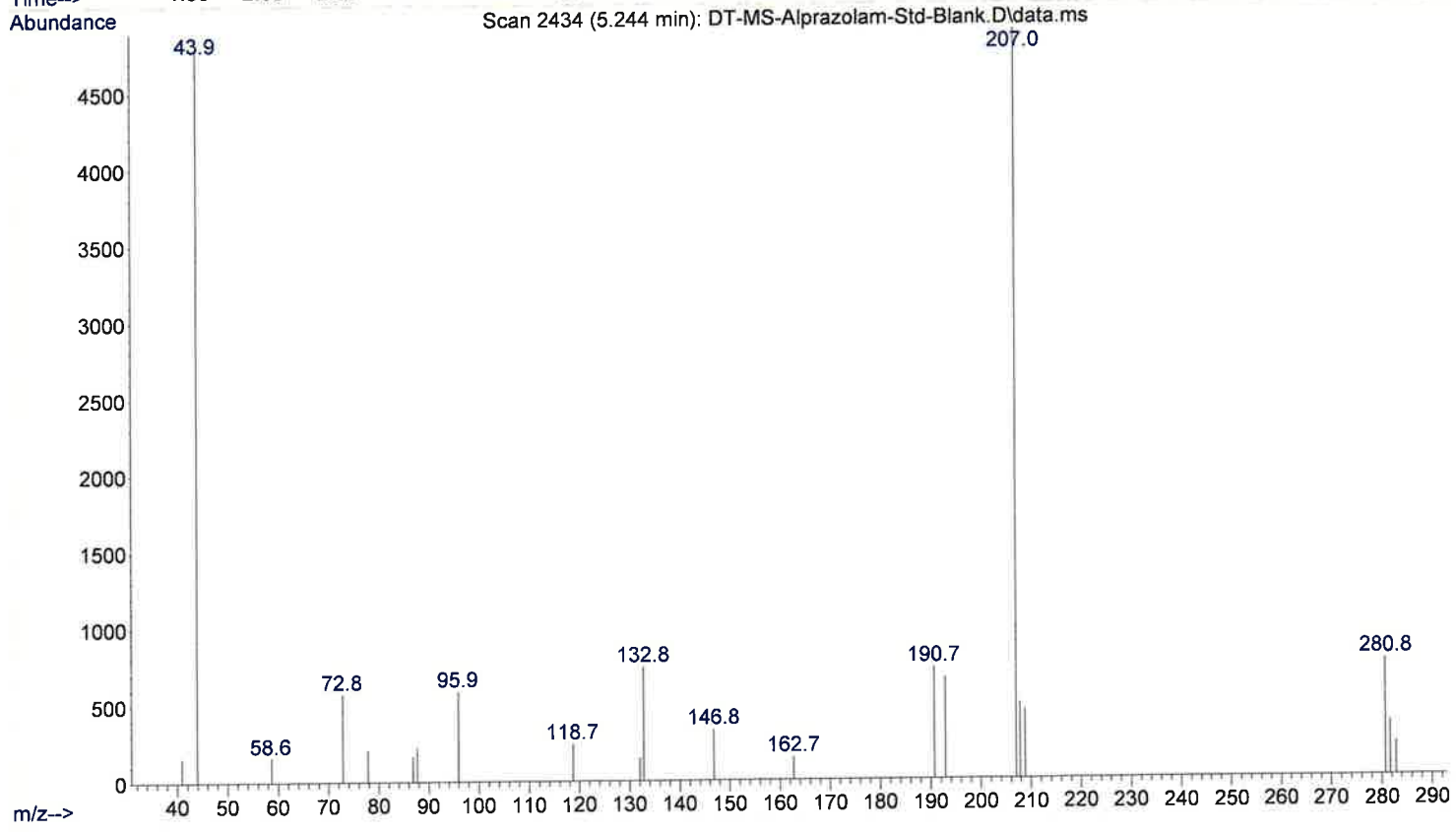
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Instrument :   Quincy
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Misc Info  : Meoh,Cerilliant,LotFE050032221,Exp01-31-28
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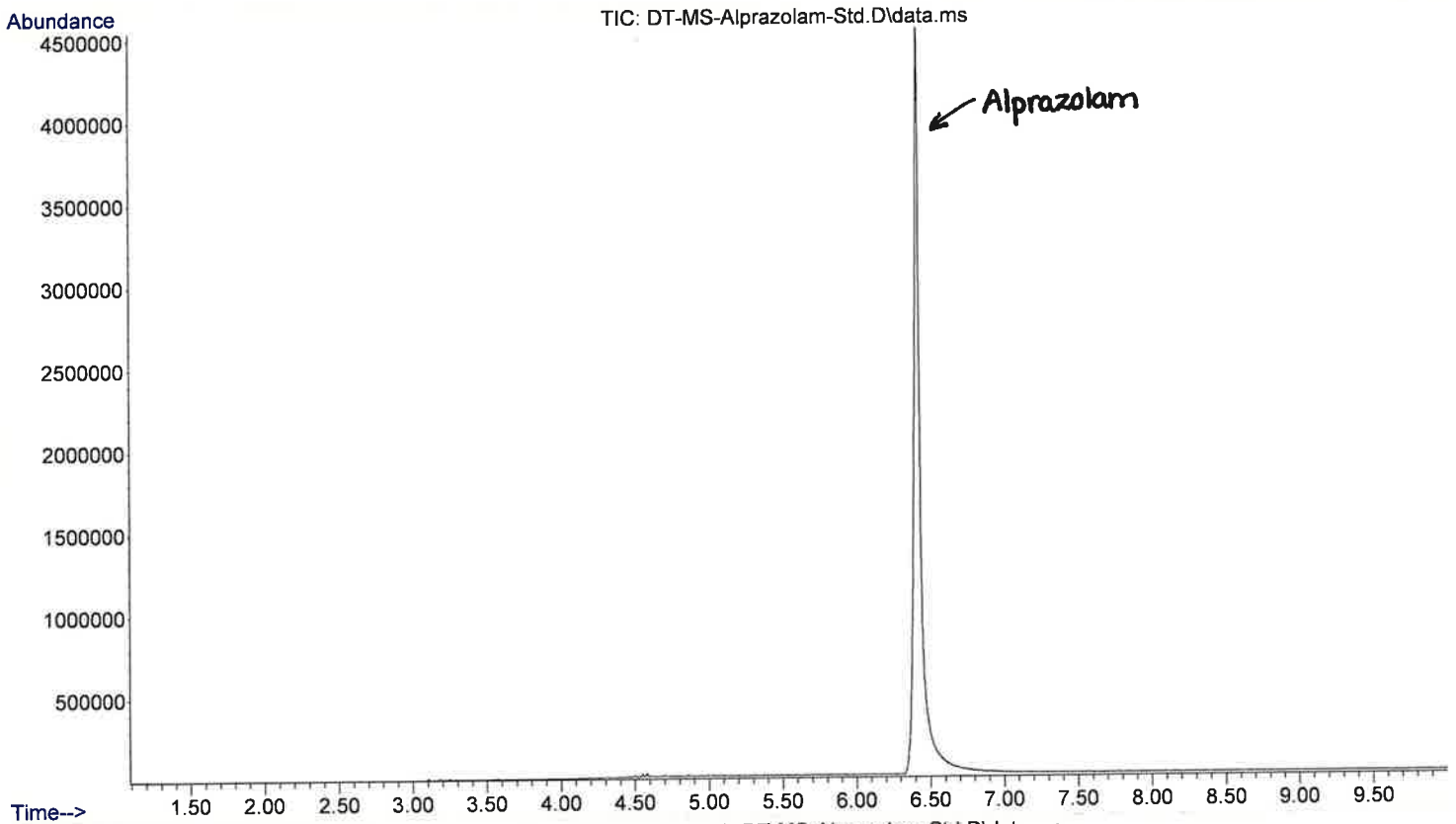
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Sample Name: Alprazolam Std Blank
Misc Info : Meoh

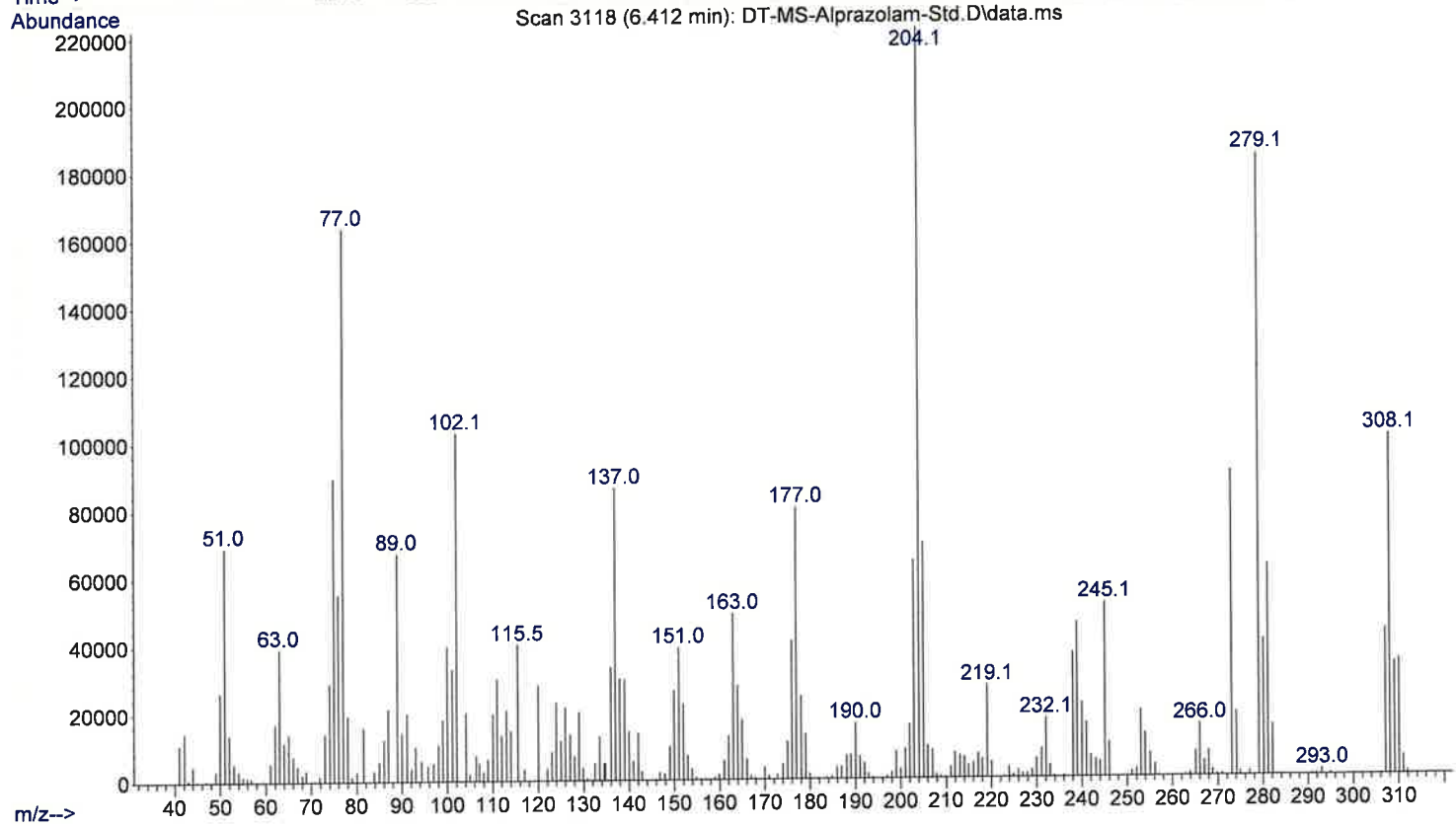
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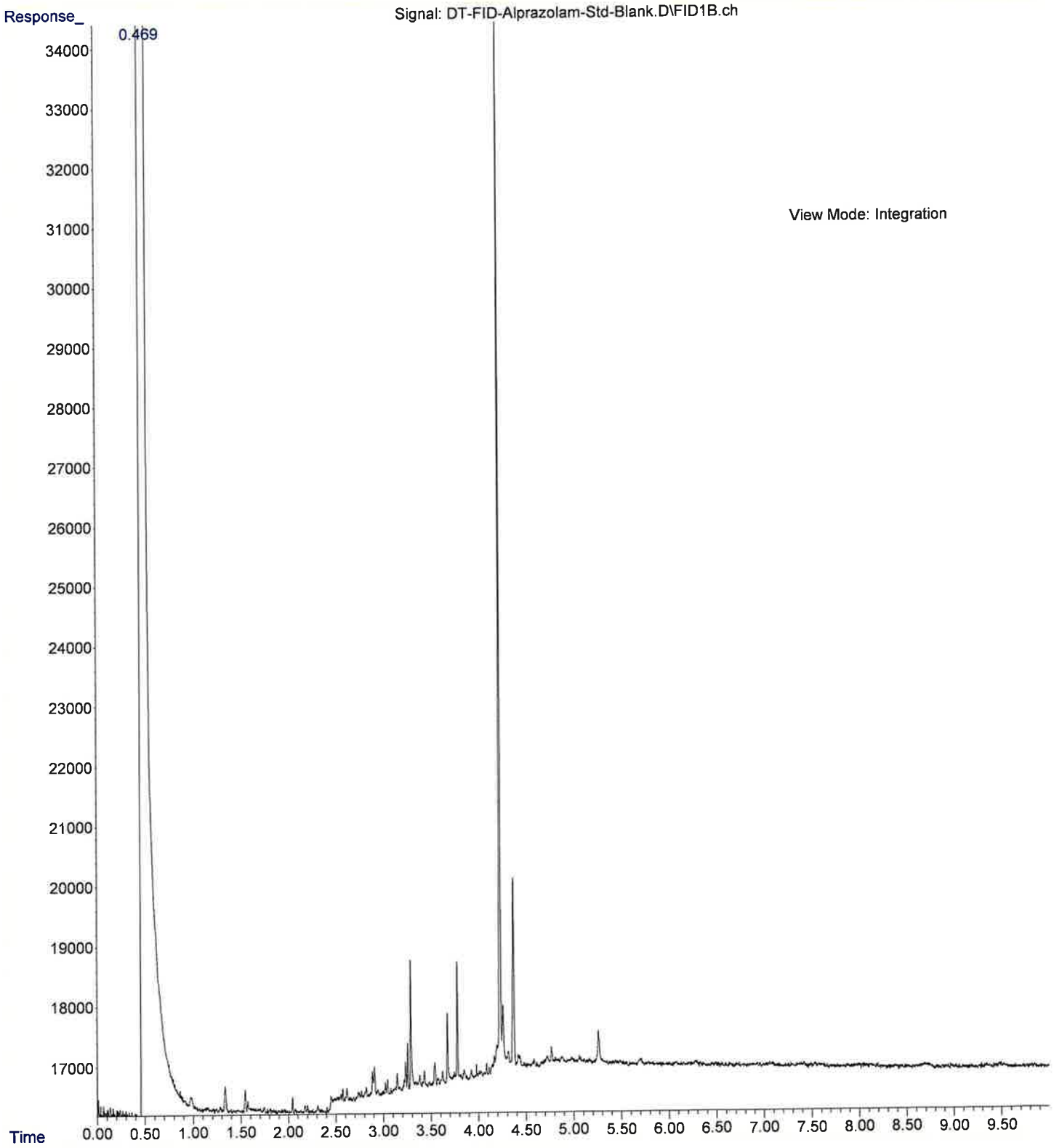
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Instrument : Quincy
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Sample Name: Alprazolam Std
Misc Info : Meoh,Cerilliant,LotFE050032221,Exp01-31-28



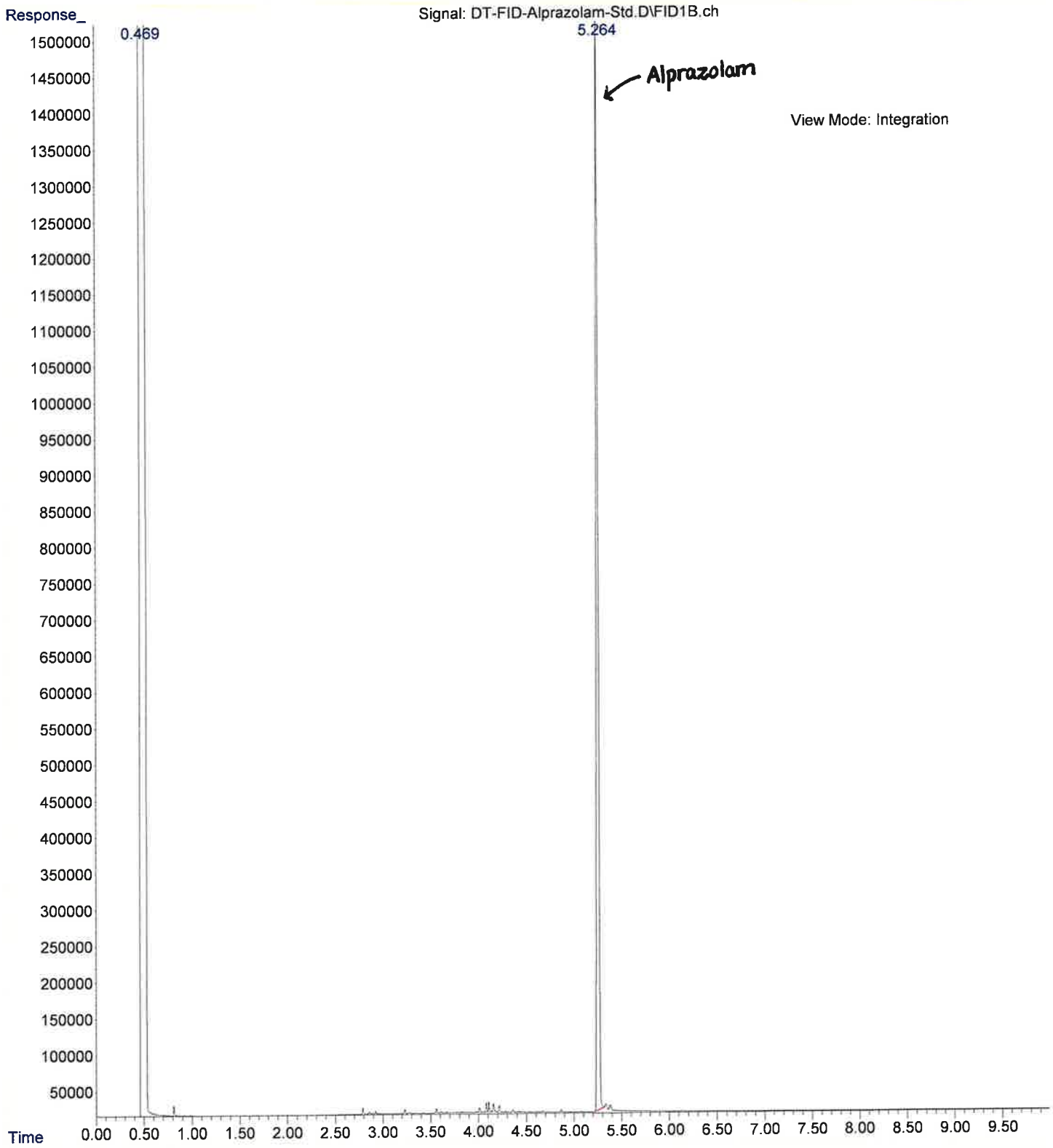


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Sample Name: Alprazolam Std Blank
Misc Info : Meoh

NCSD

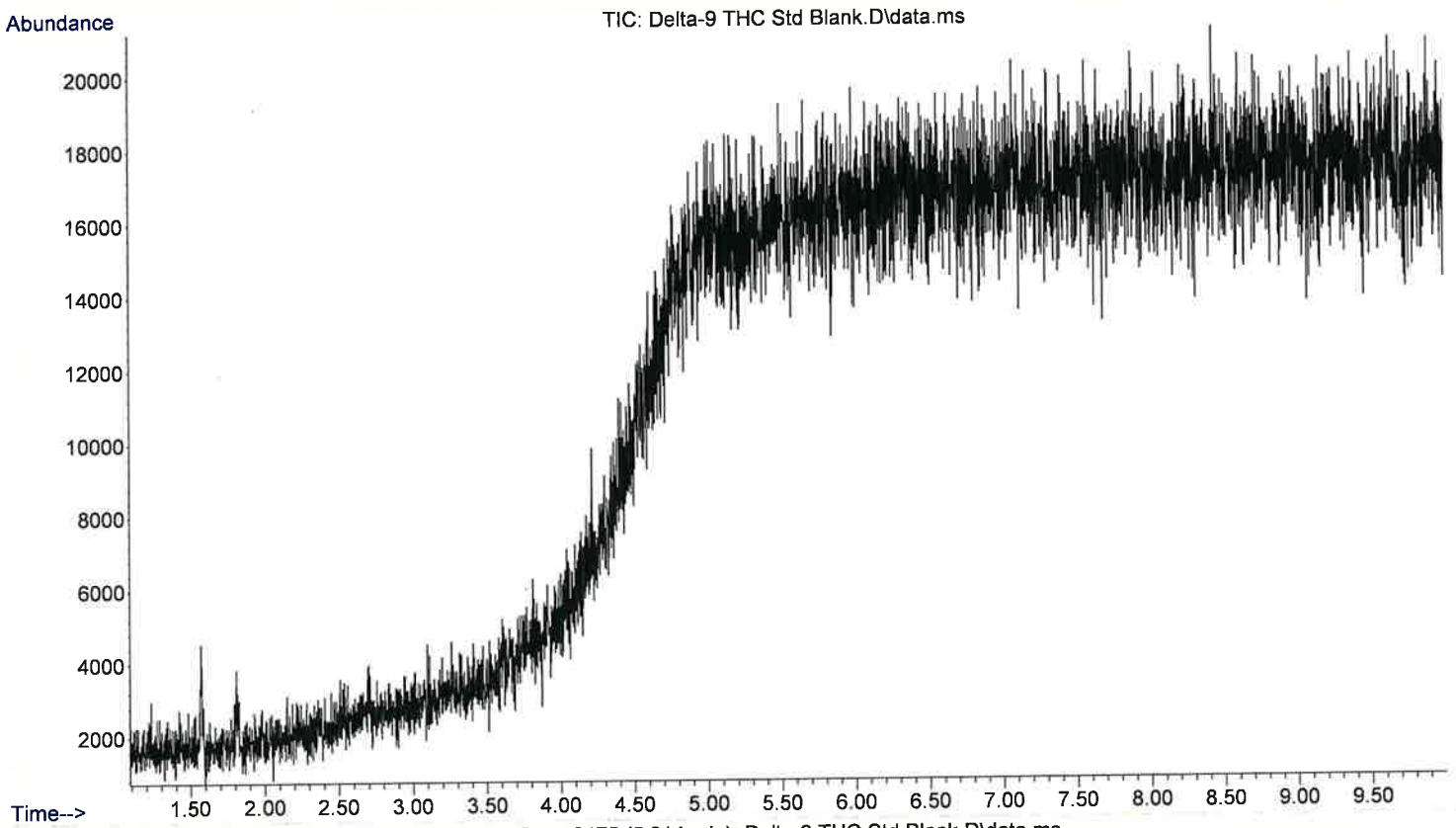


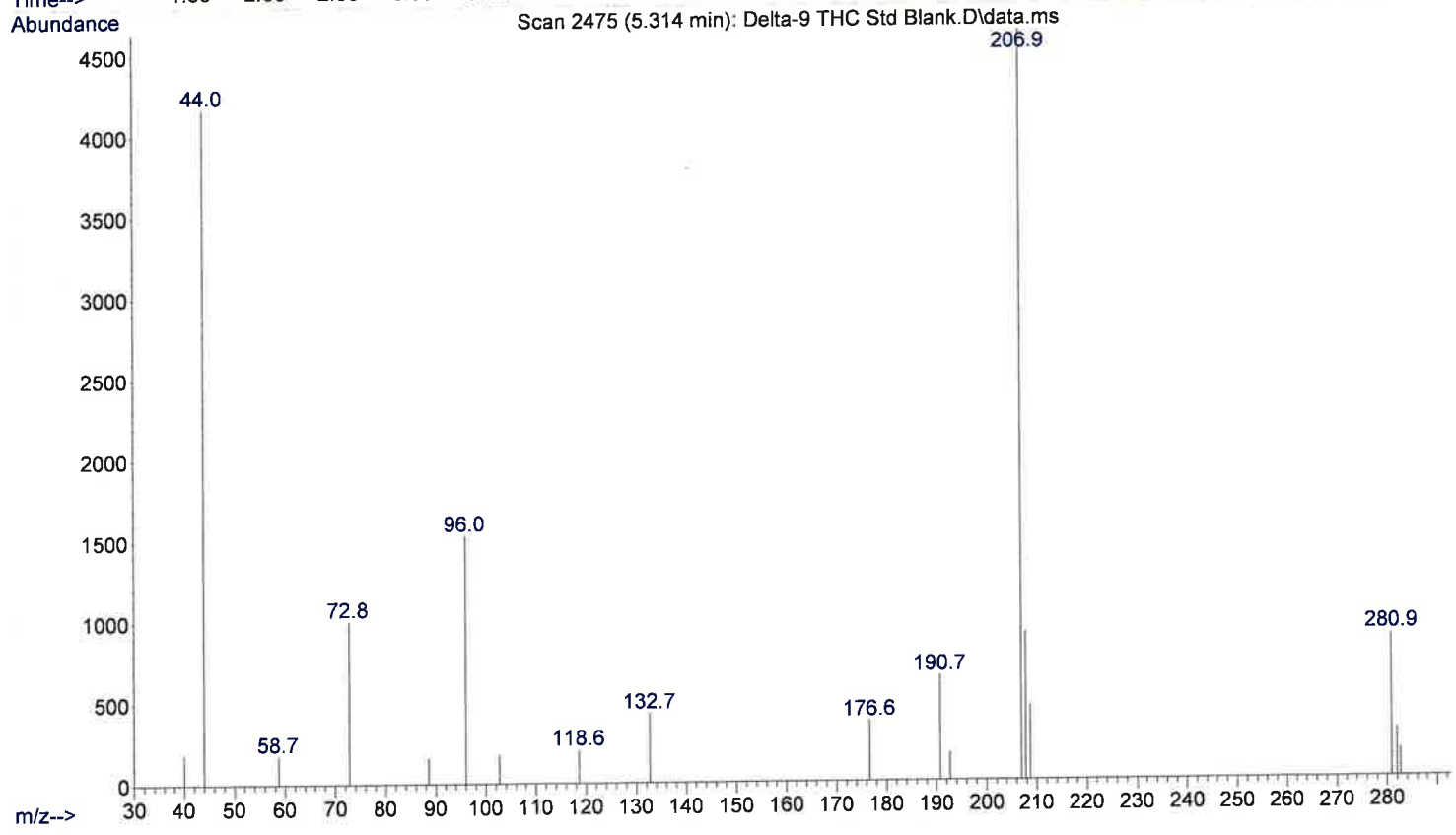
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Instrument : Quincy
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Sample Name: Alprazolam Std
Misc Info : Meoh,Cerilliant,LotFE050032221,Exp01-31-28



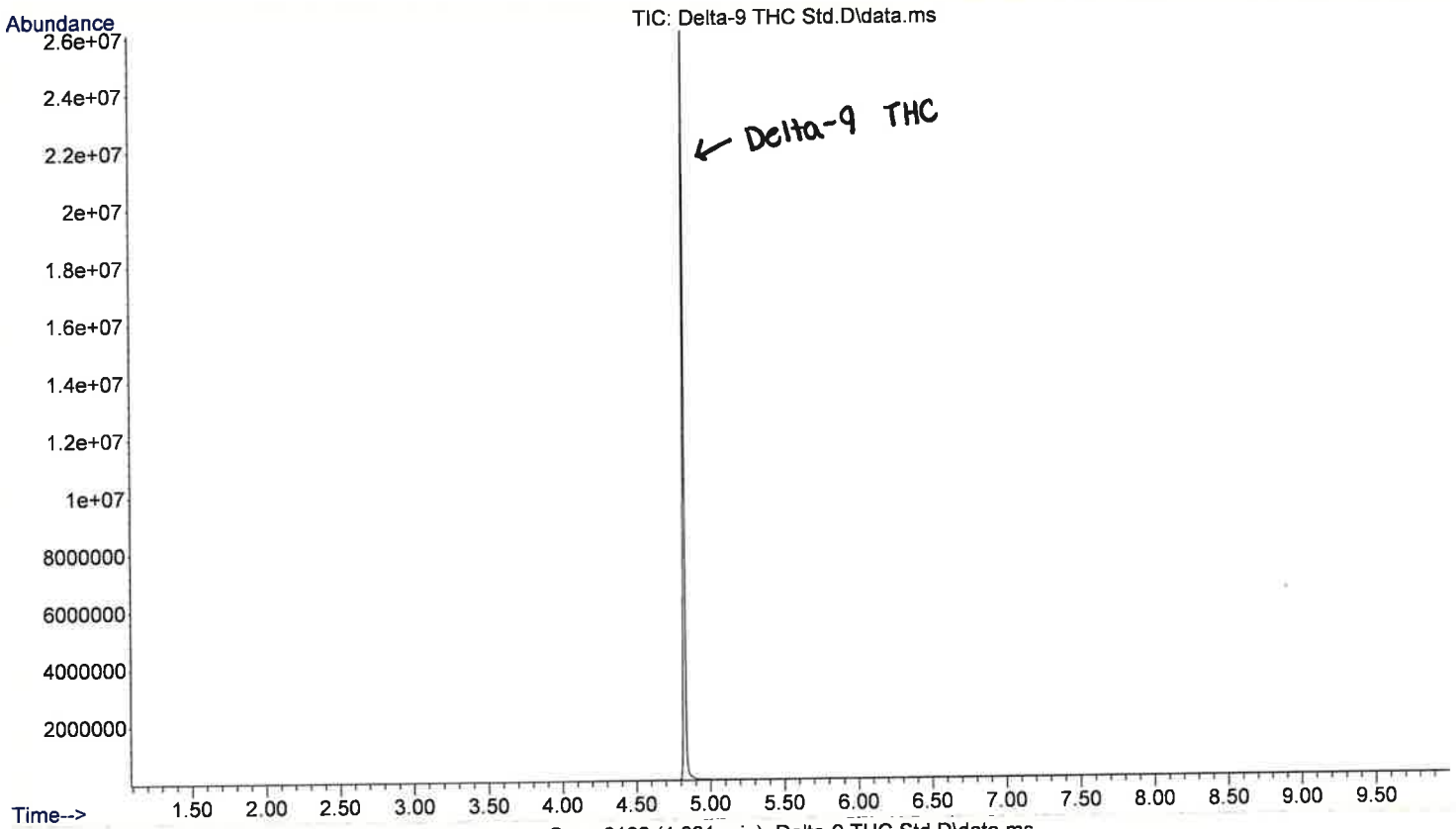
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Instrument : Quincy
Acquired : 06 Mar 2025 14:44 using AcqMethod ASMSDRUGS100.M
Sample Name: Delta-9 THC Std Blank
Misc Info : Meoh

NC3D

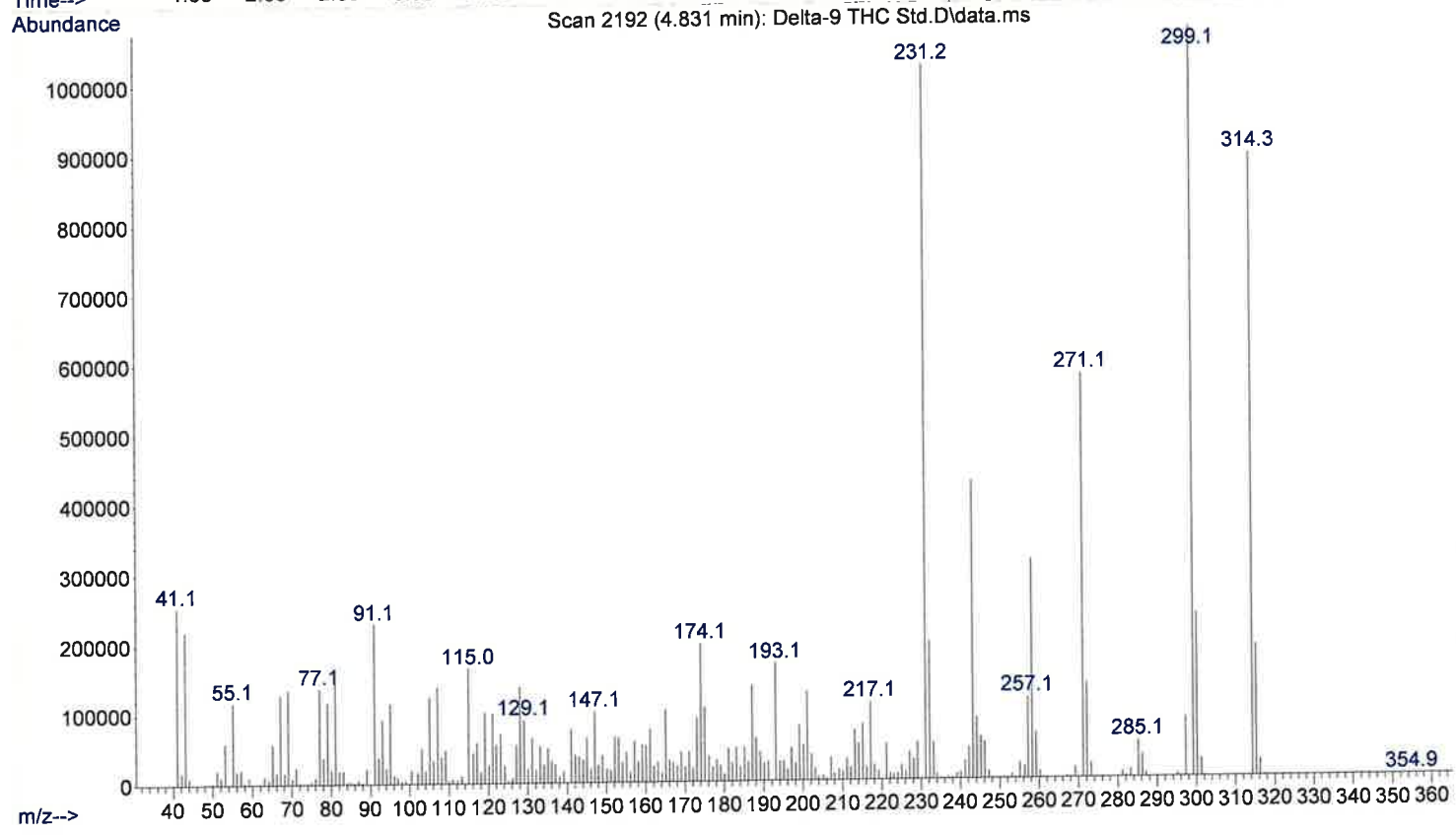




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Operator : IS
Instrument : Quincy
Acquired : 06 Mar 2025 14:57 using AcqMethod ASMSDRUGS100.M
Sample Name: Delta-9 THC Std
Misc Info : Meoh,Cerilliant,LotFE06212201,Exp10-31-27

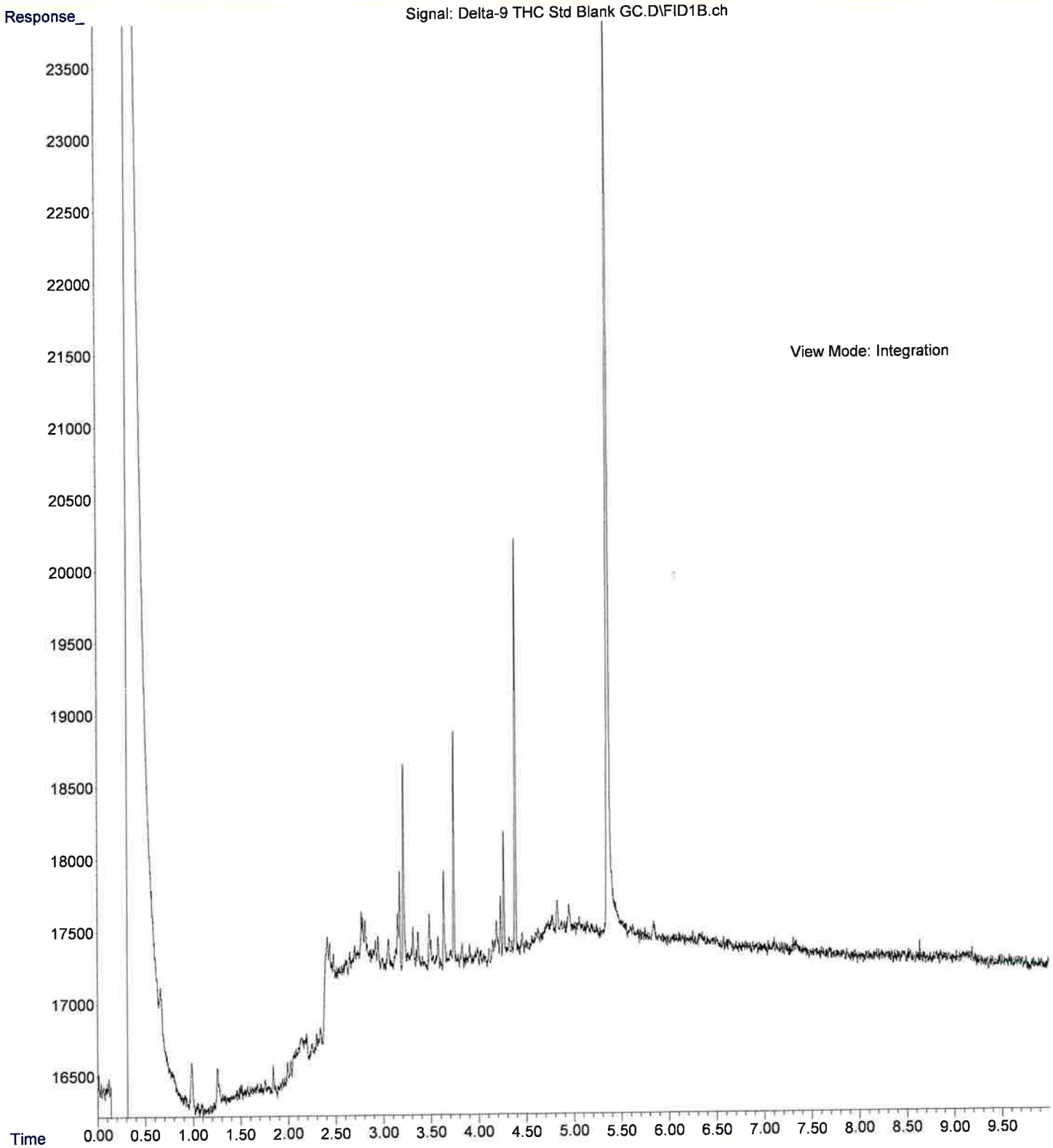


← Delta-9 THC

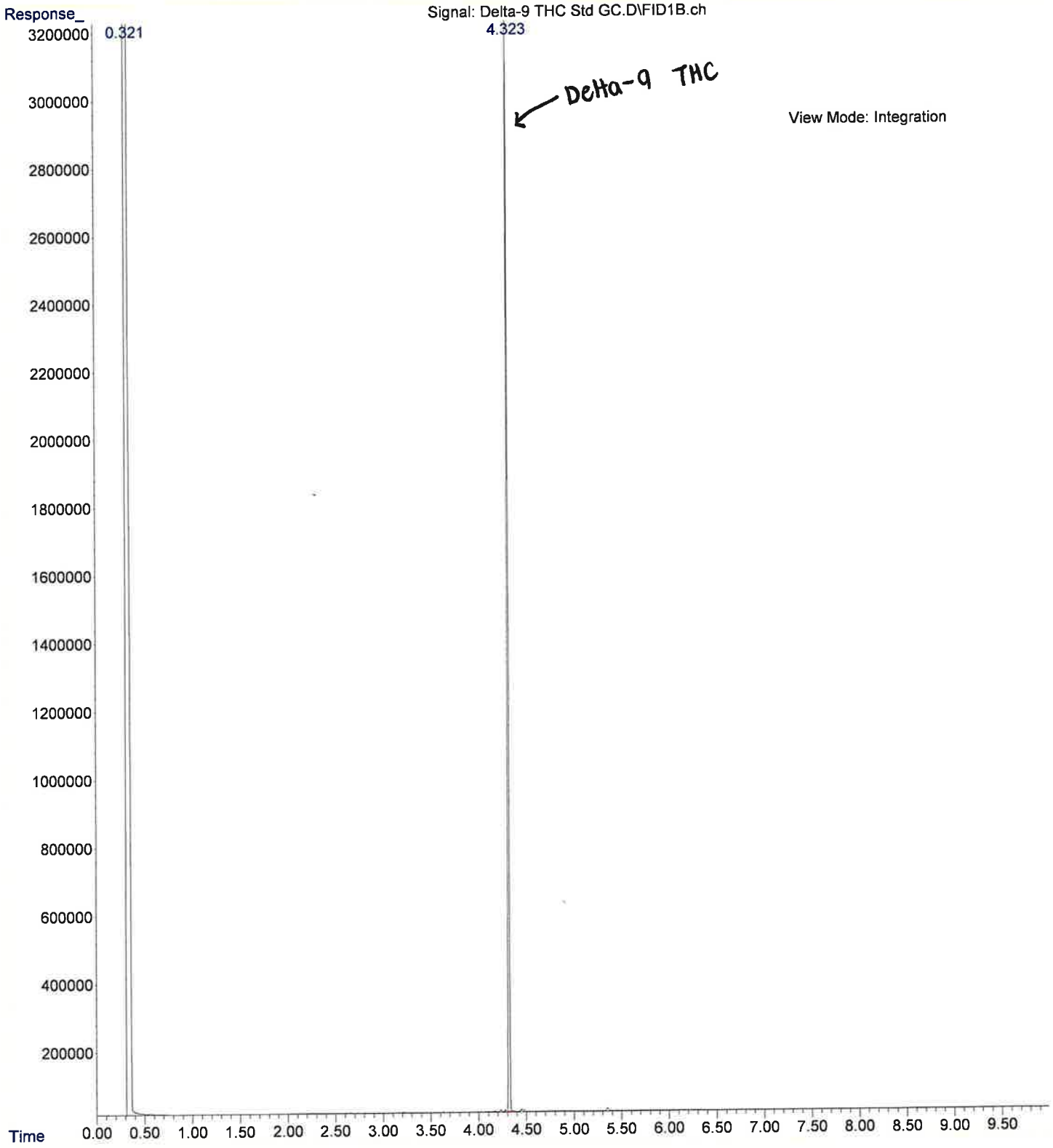


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Sample Name: Delta-9 THC Std Blank GC
Misc Info  : Meoh
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NCSD

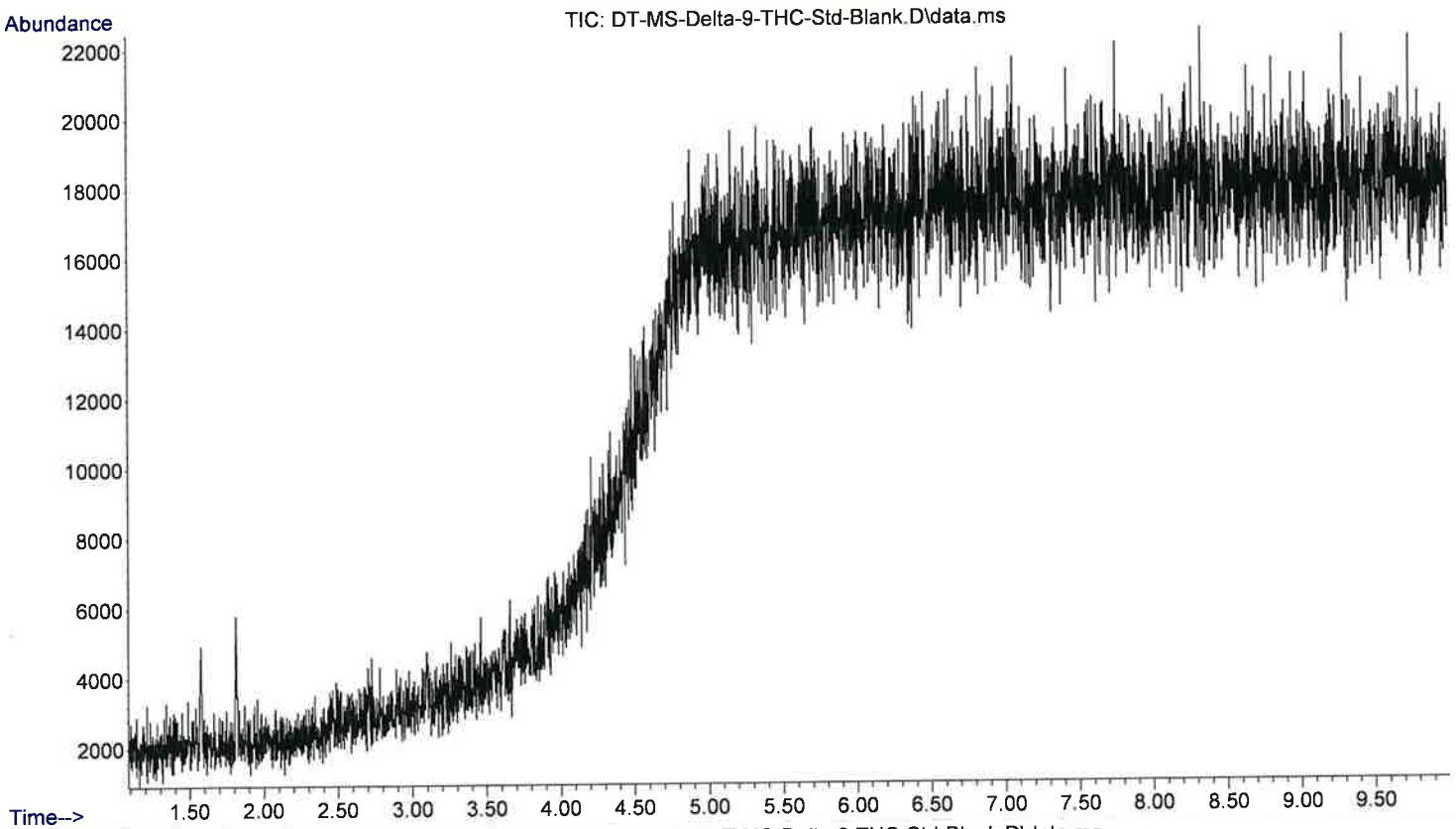


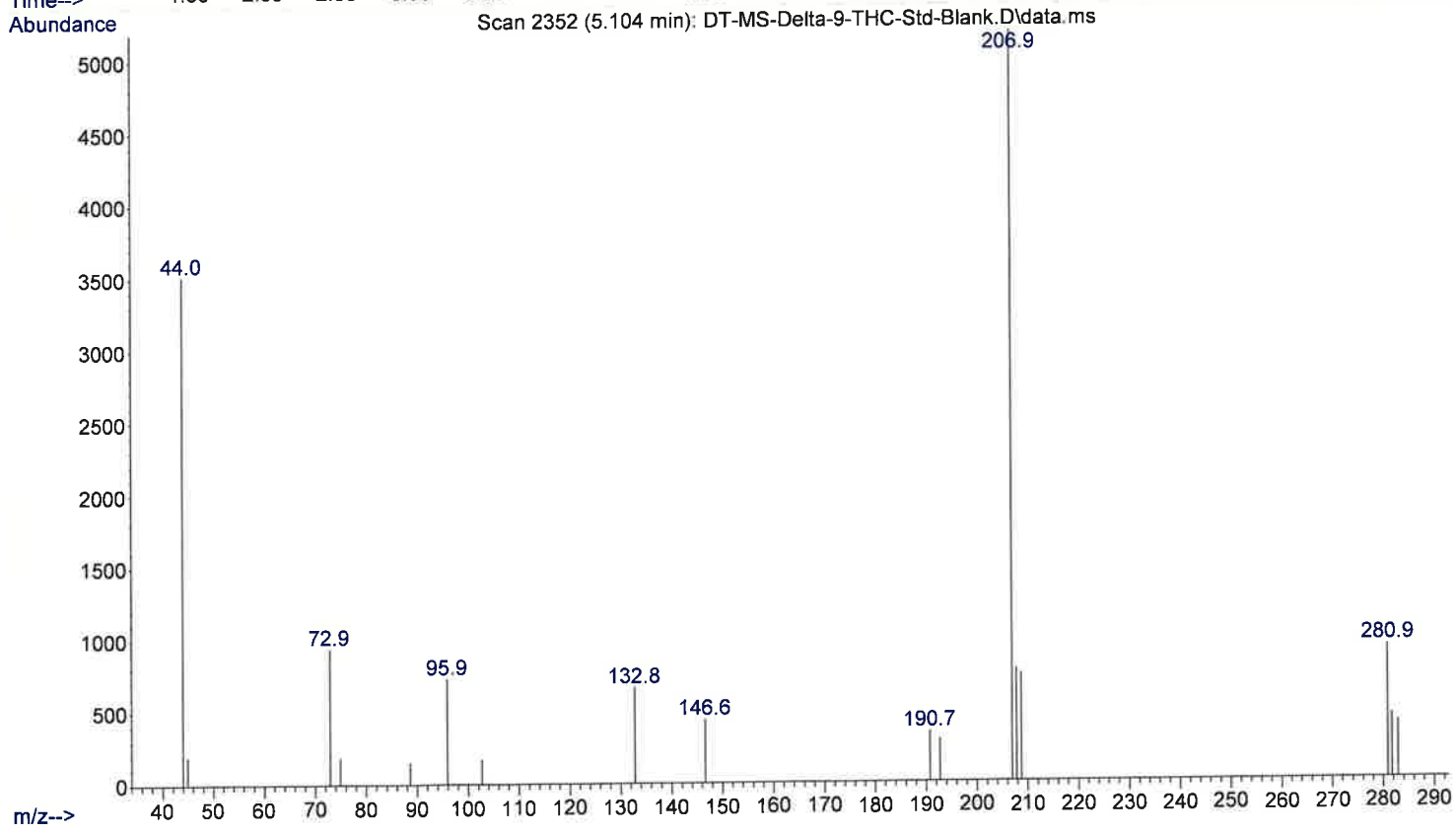
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Instrument :   Quincy
Acquired   : 06 Mar 2025  18:22     using AcqMethod ASGC100.M
Sample Name: Delta-9 THC Std GC
Misc Info  : Meoh,Cerilliant,LotFE06212201,Exp10-31-27
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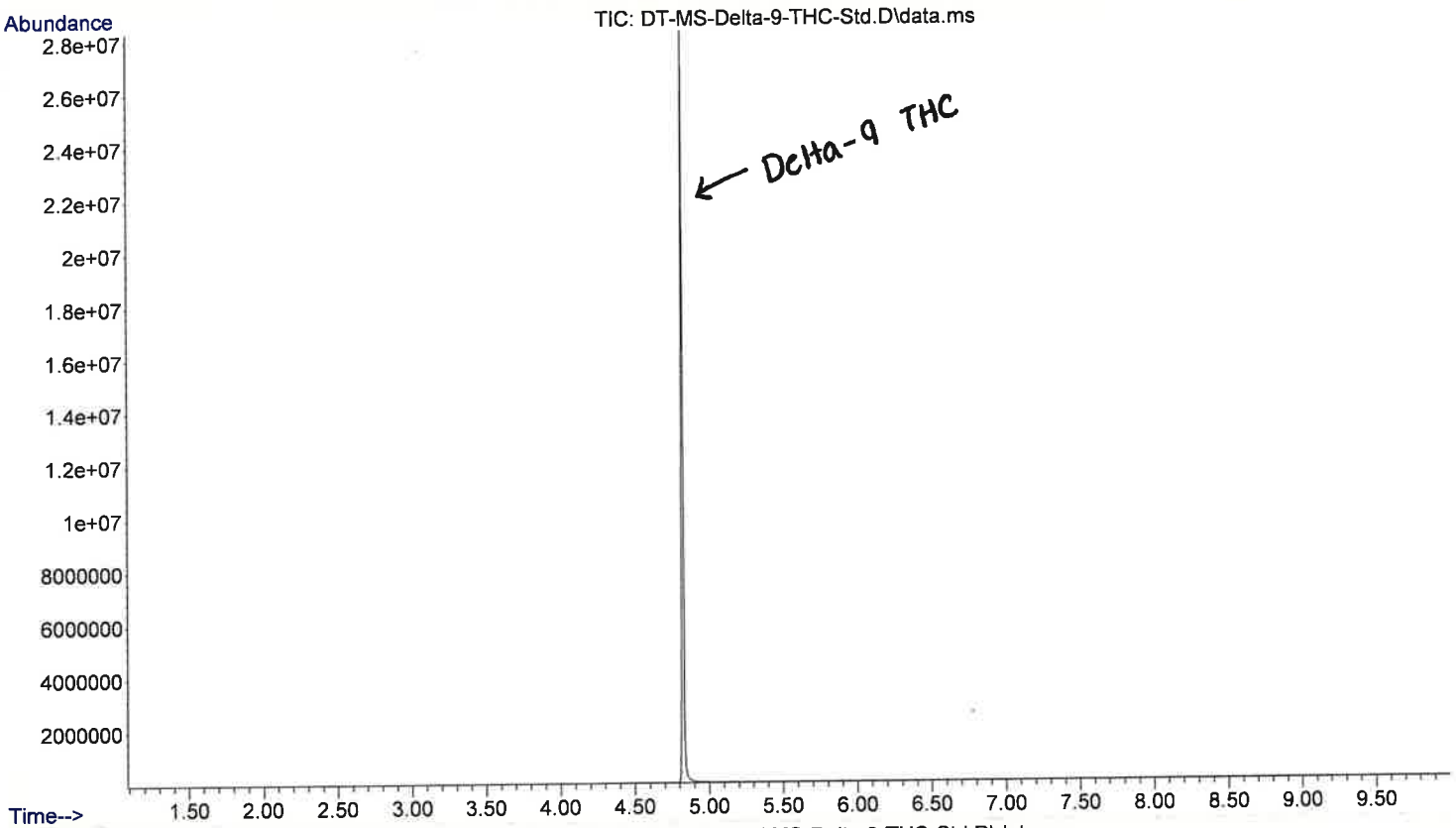
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Sample Name: Delta-9 THC Std Blank
Misc Info : Meoh

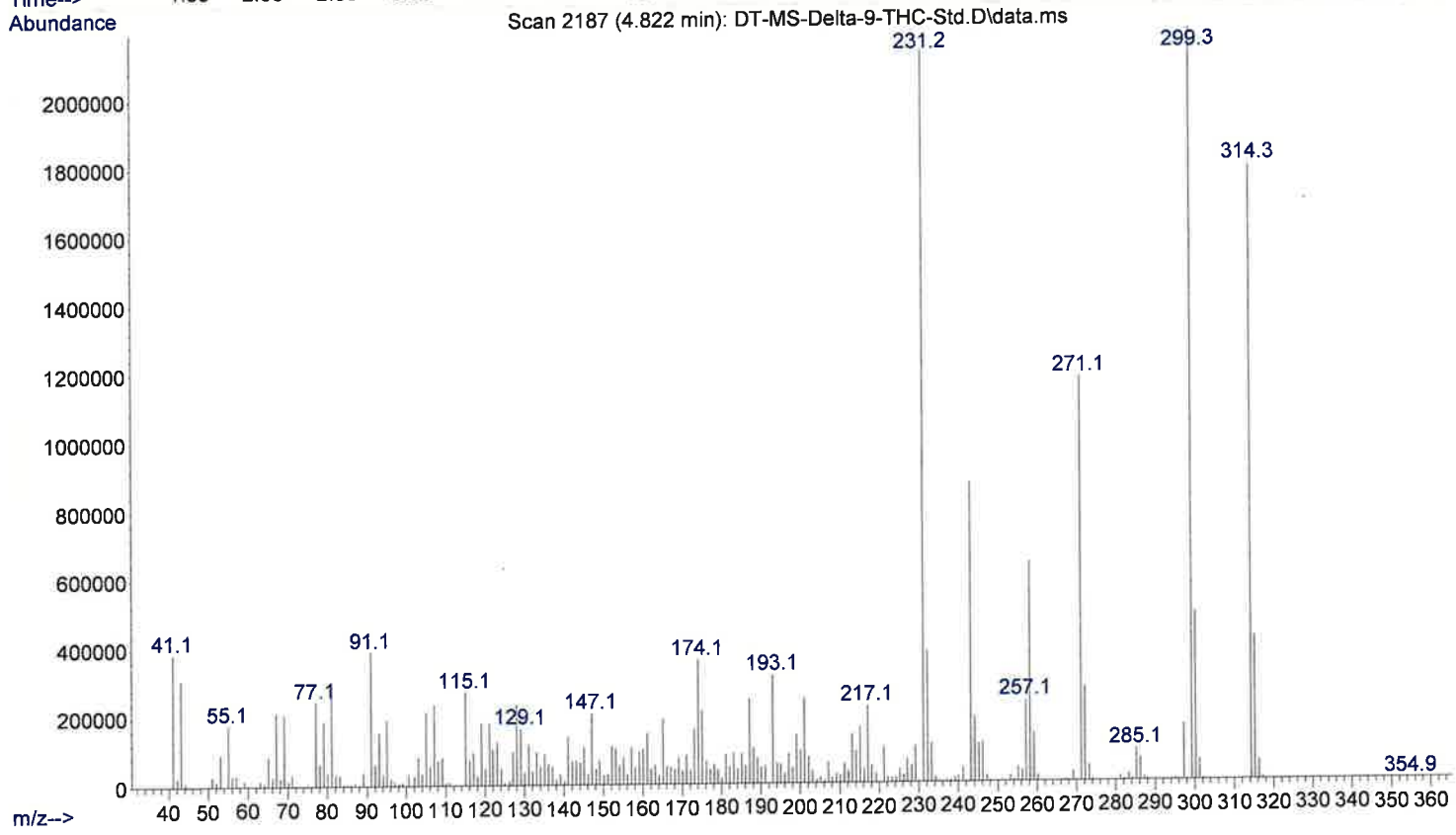
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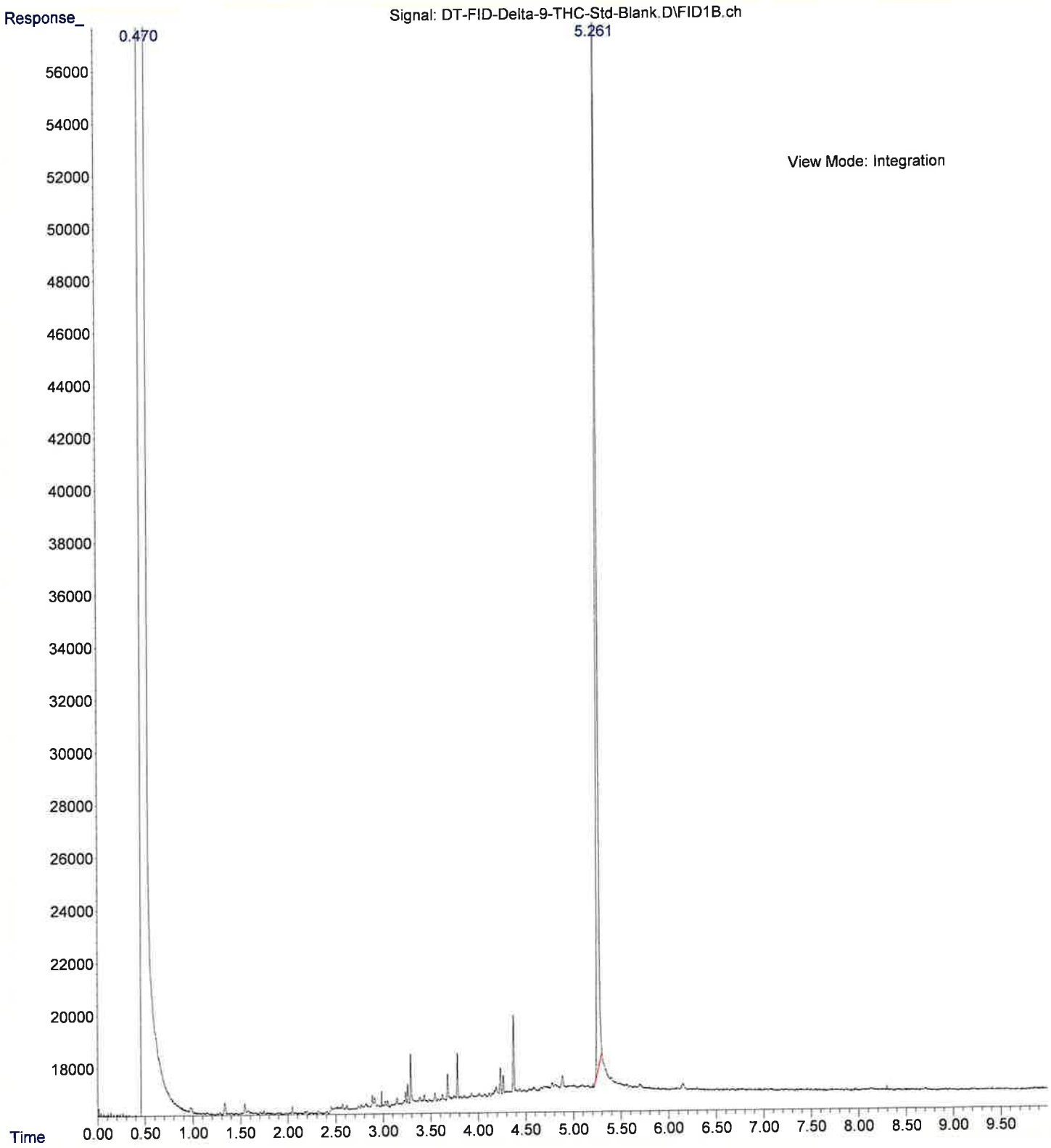
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Operator : IS
Instrument : Quincy
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Sample Name: Delta-9 THC Std
Misc Info : Meoh,Cerilliant,LotFE06212201,Exp10-31-27



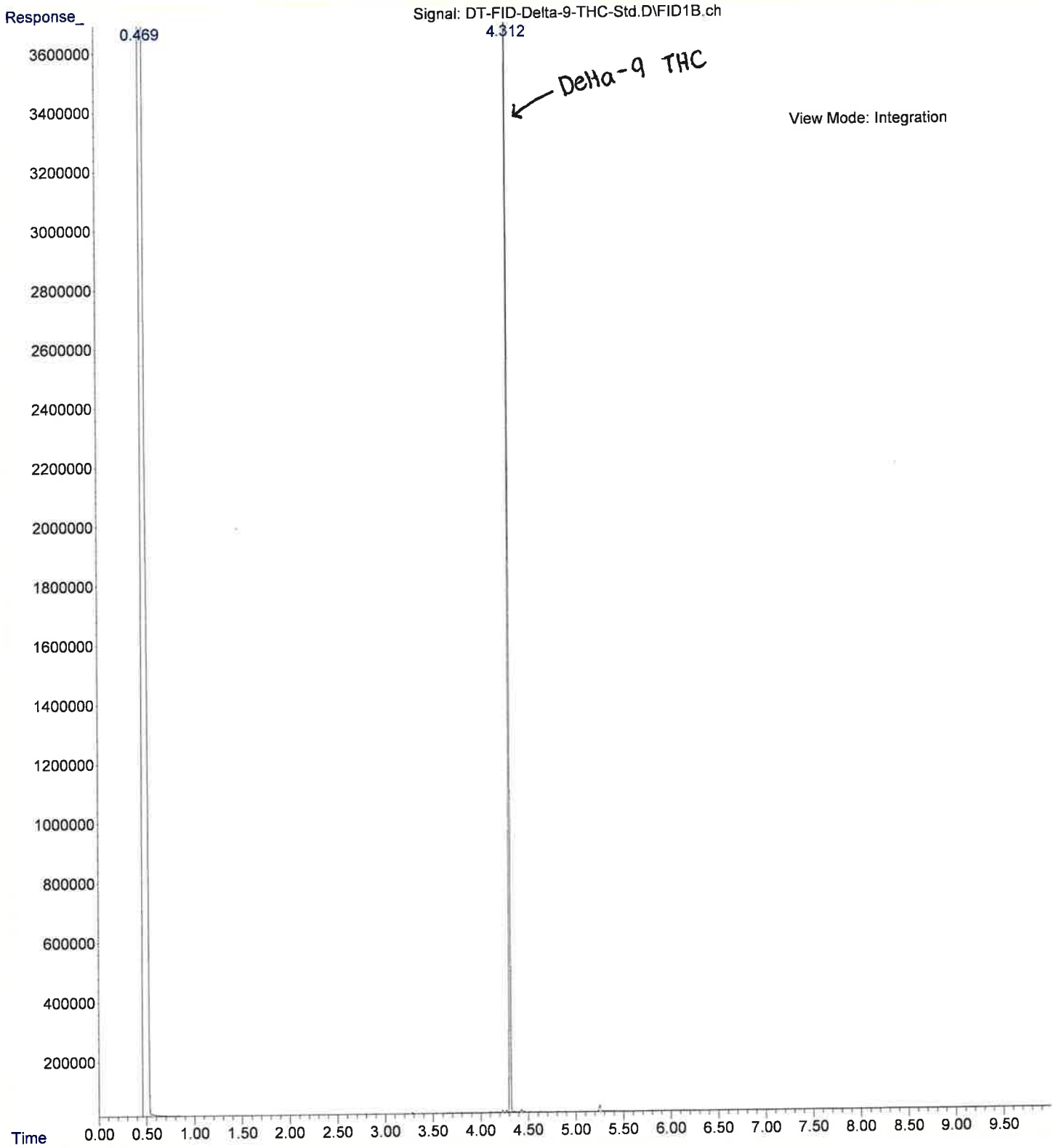


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Instrument :   Quincy
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Sample Name: Delta-9 THC Std Blank
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NCSD

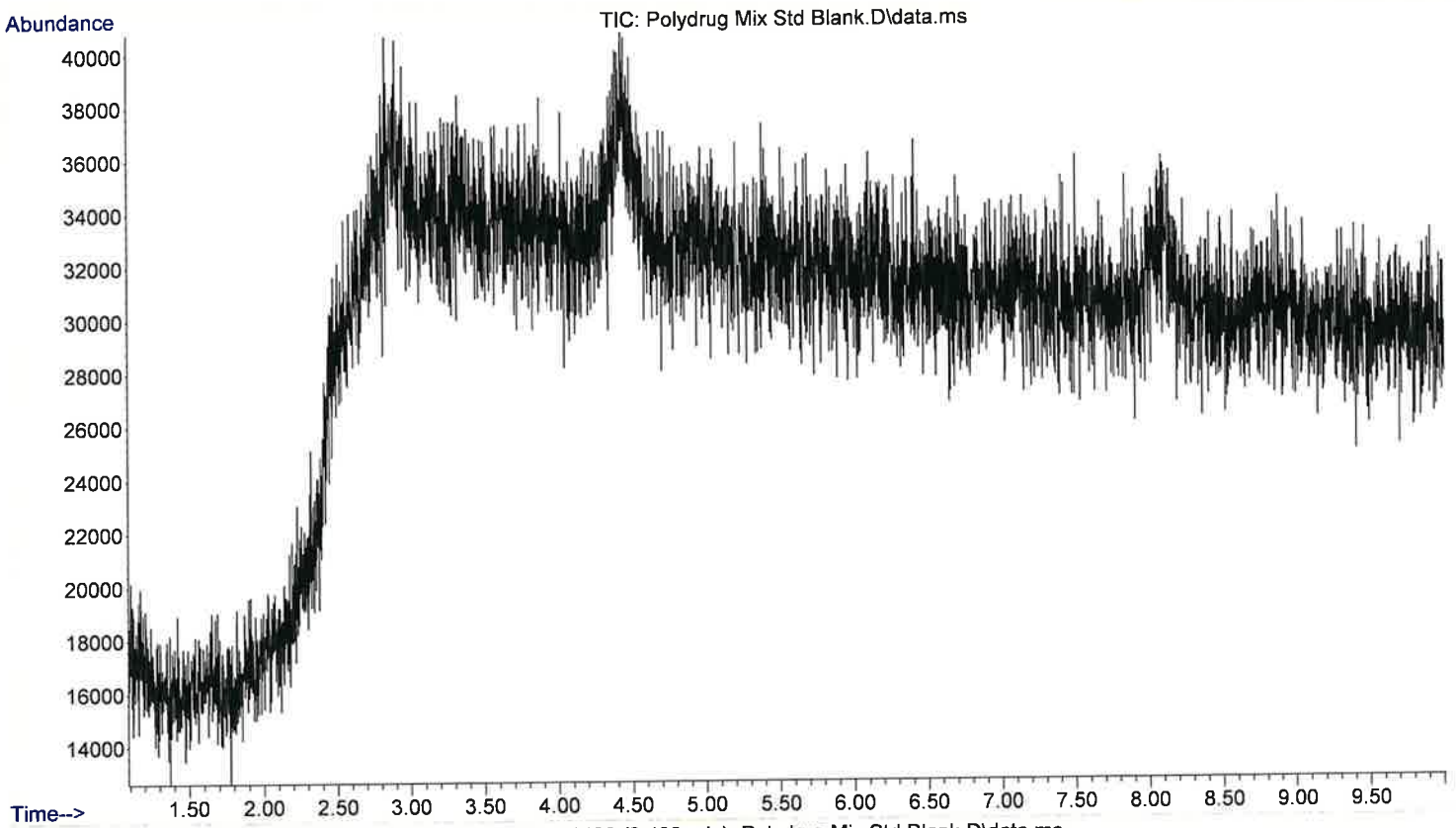


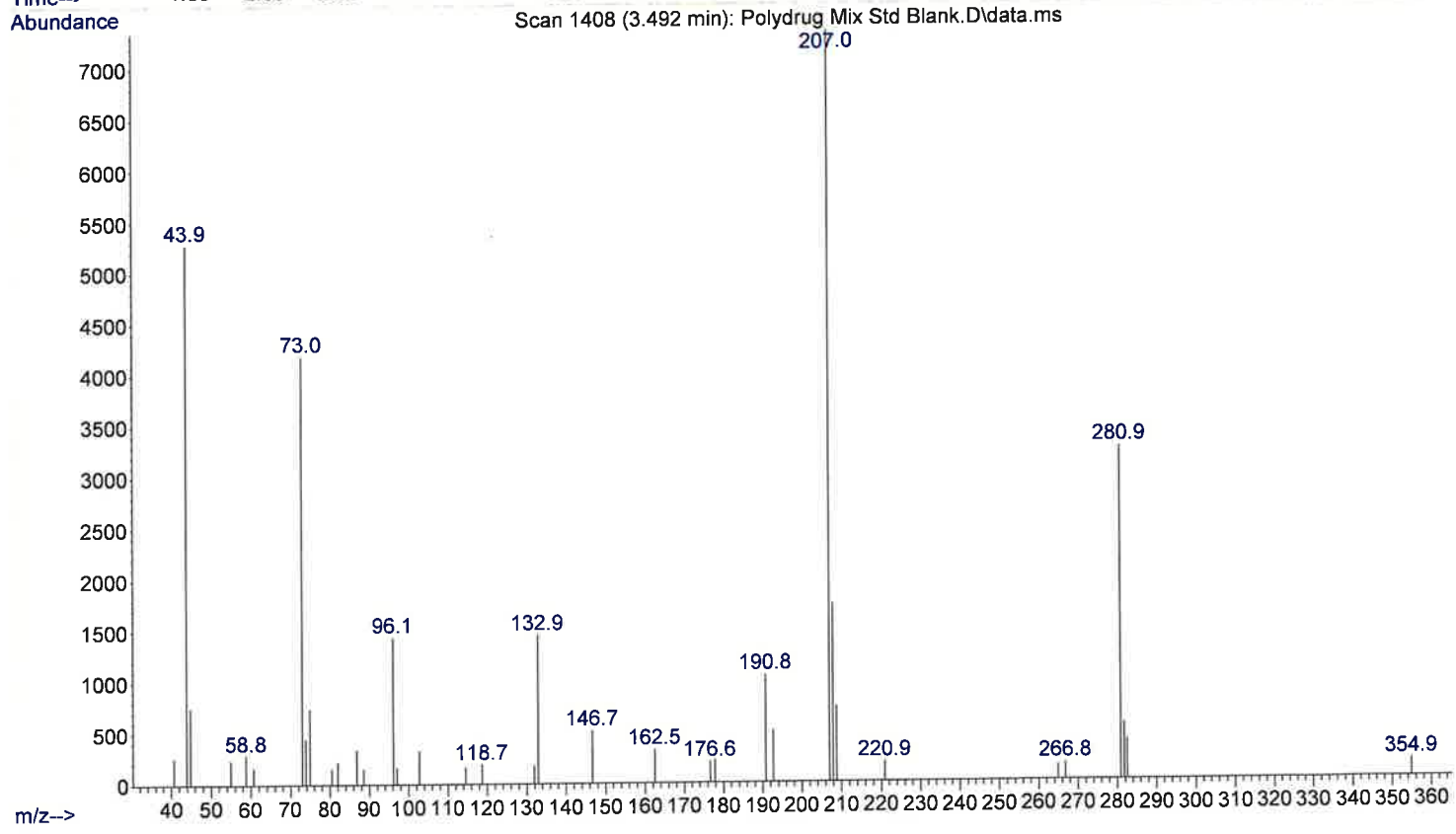
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Operator   : IS
Instrument :   Quincy
Acquired   : 06 Mar 2025  20:48     using AcqMethod DTDRUGS100.M
Sample Name: Delta-9 THC Std
Misc Info  : Meoh,Cerilliant,LotFE06212201,Exp10-31-27
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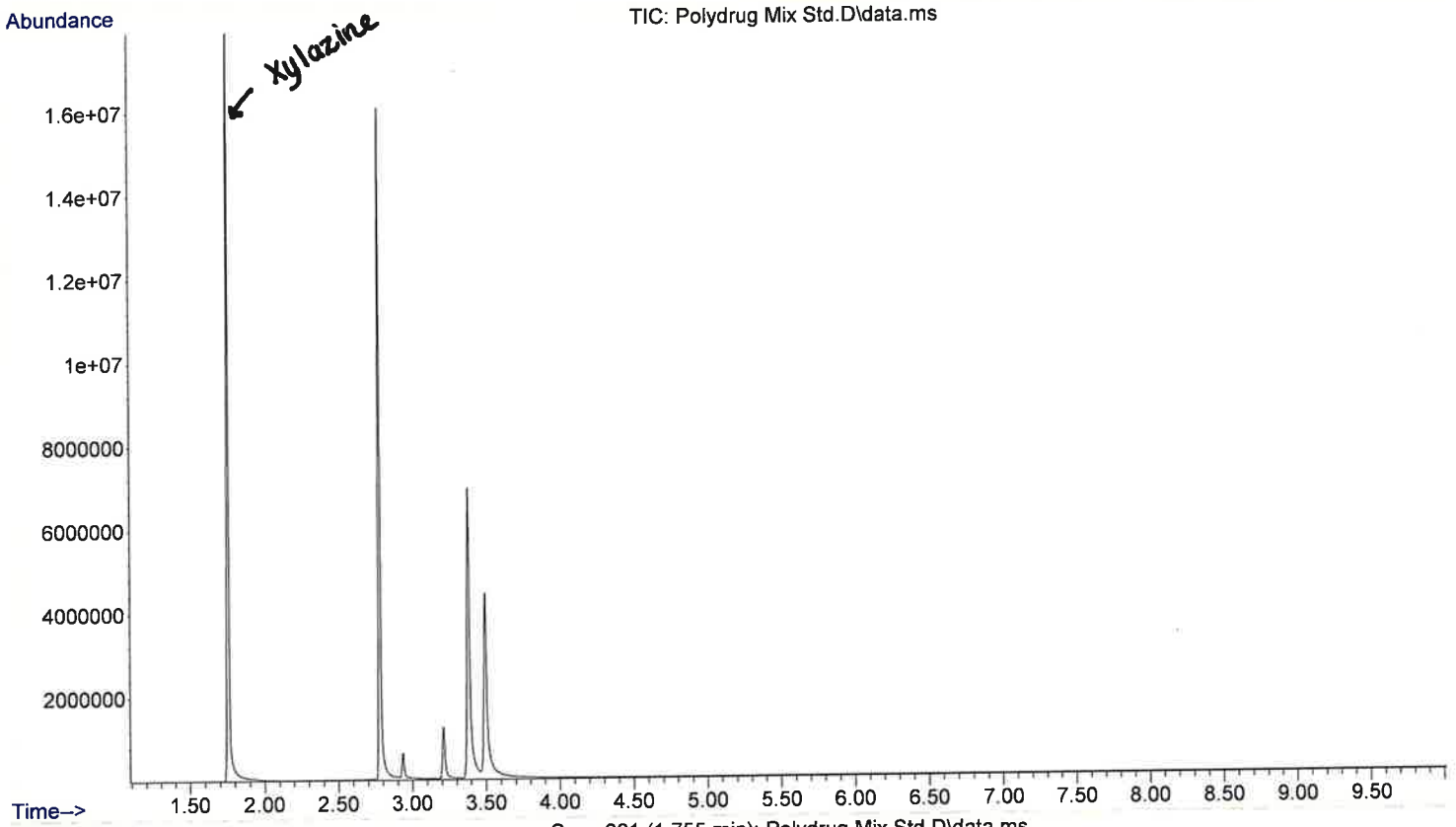
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Sample Name: Polydrug Mix Std Blank
Misc Info : Meoh

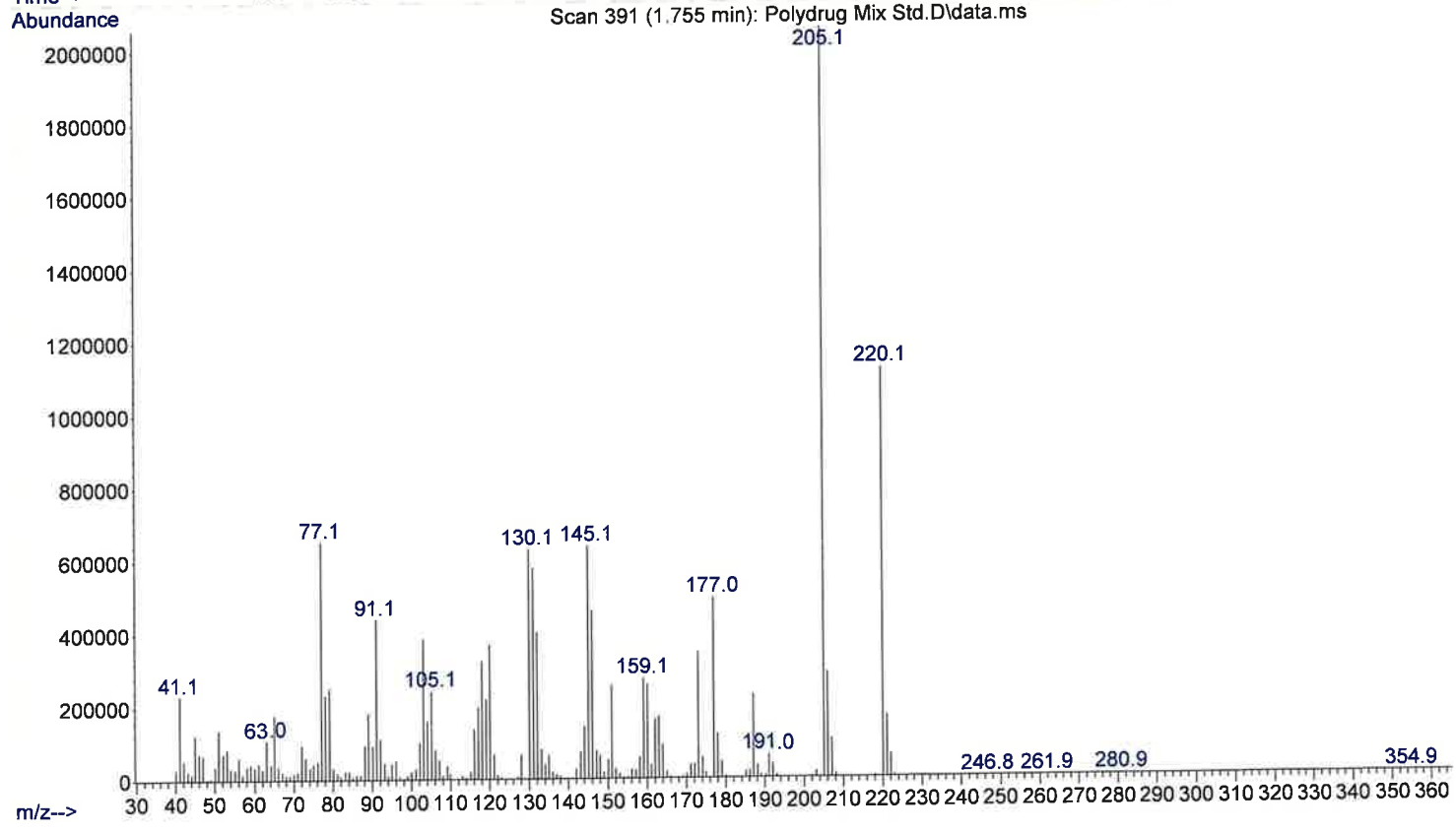
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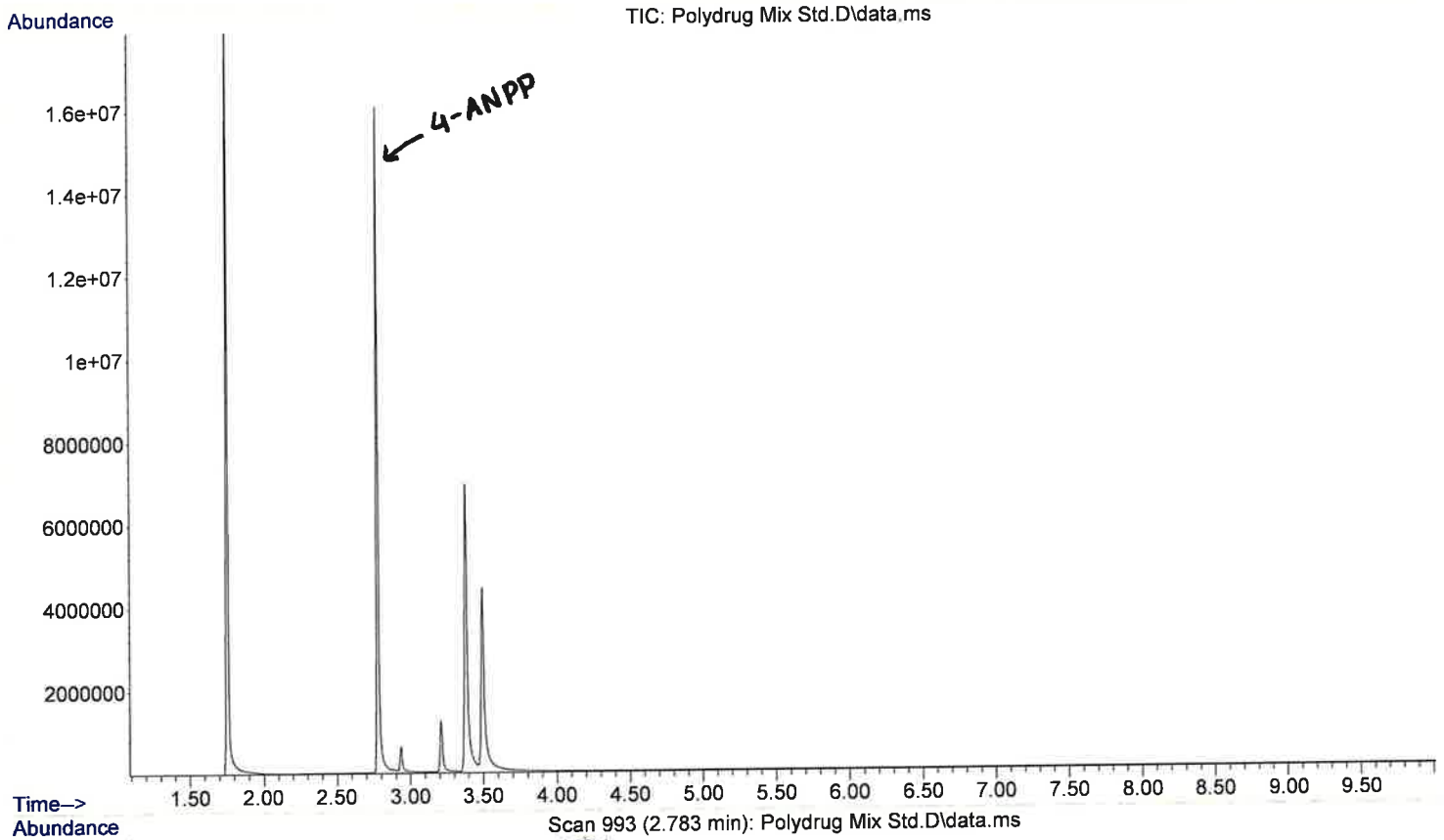


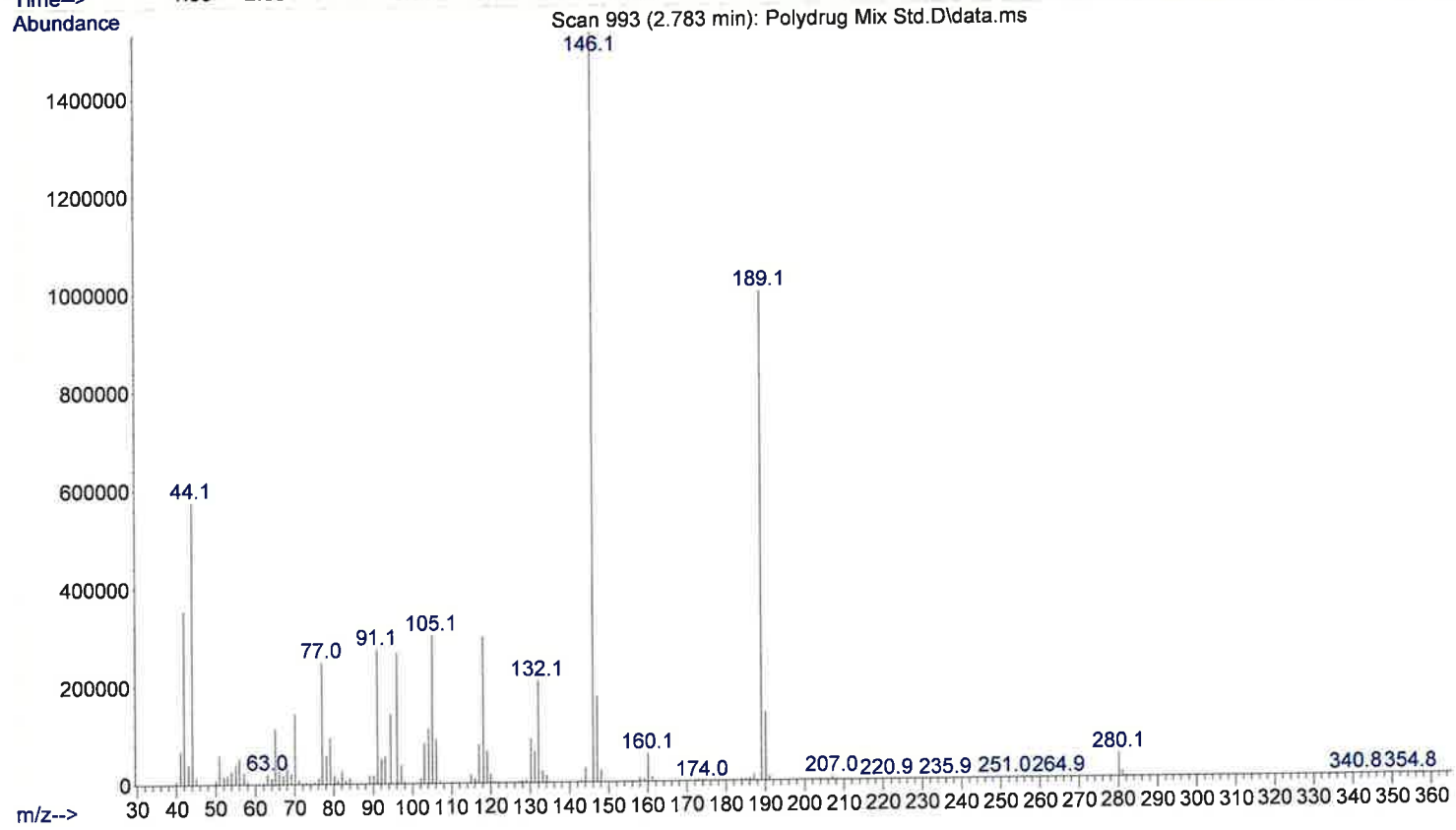
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Sample Name: Polydrug Mix Std
Misc Info : Meoh,Exp 12-11-25



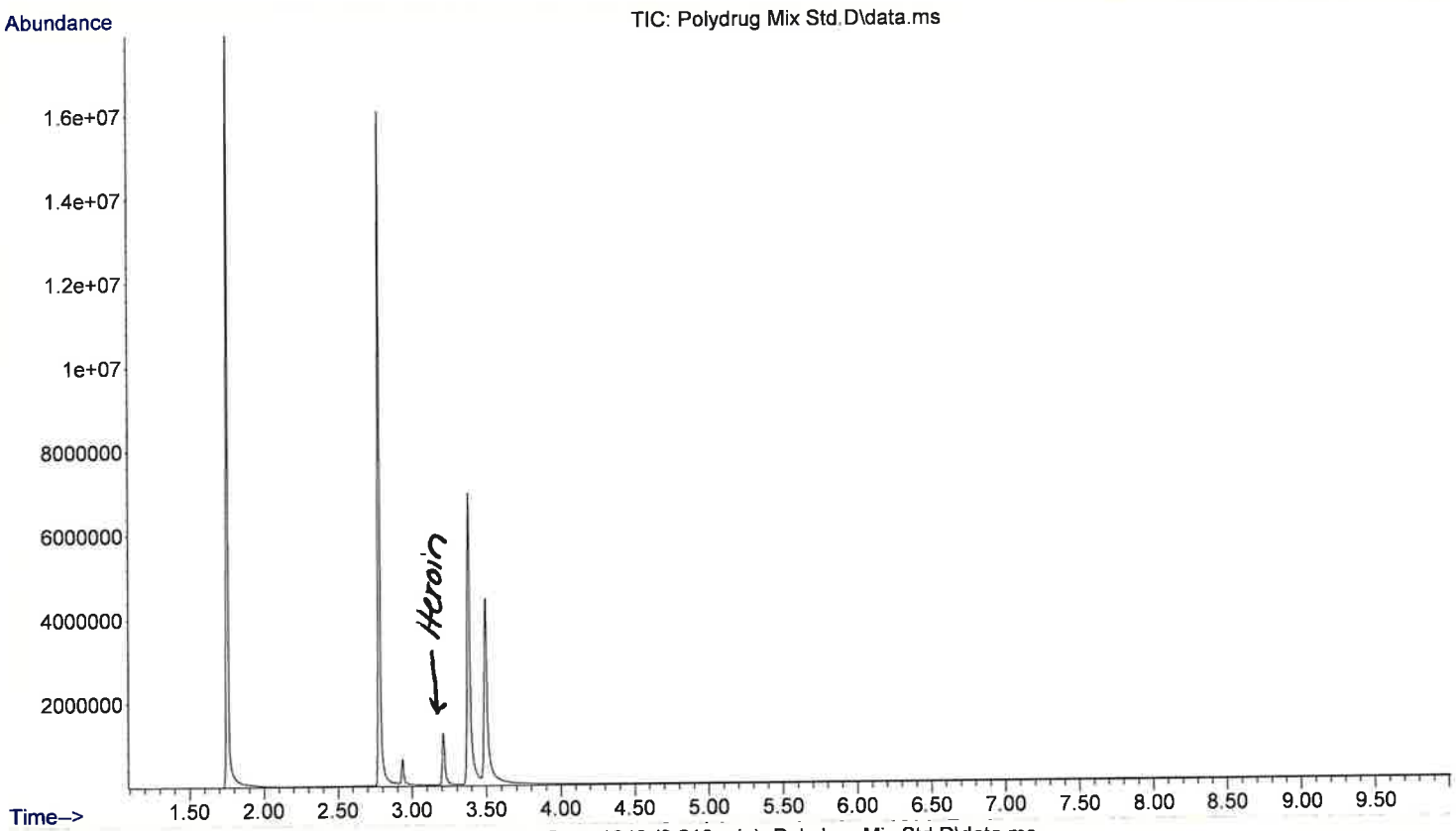


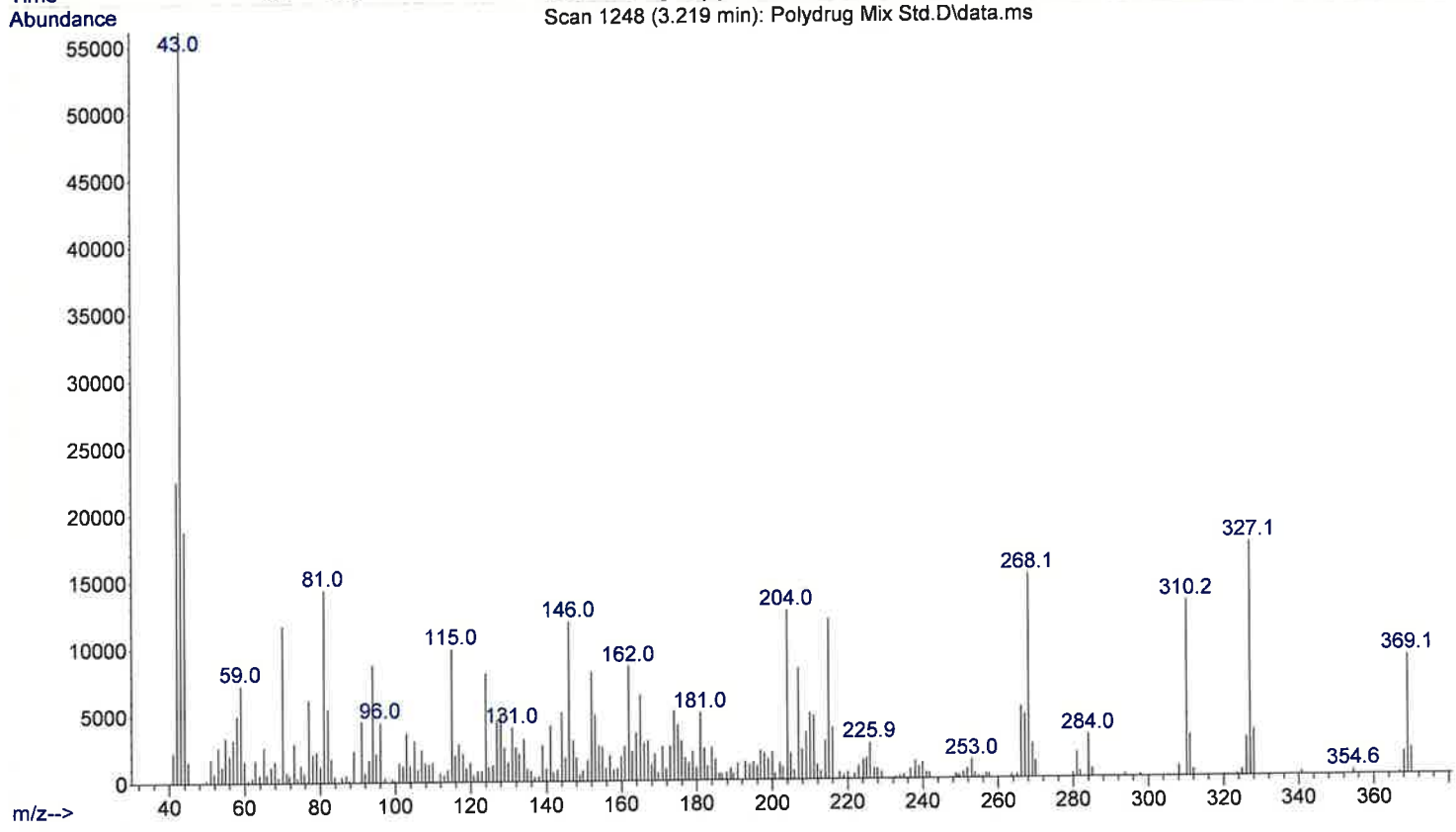
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Sample Name: Polydrug Mix Std
Misc Info : Meoh,Exp 12-11-25



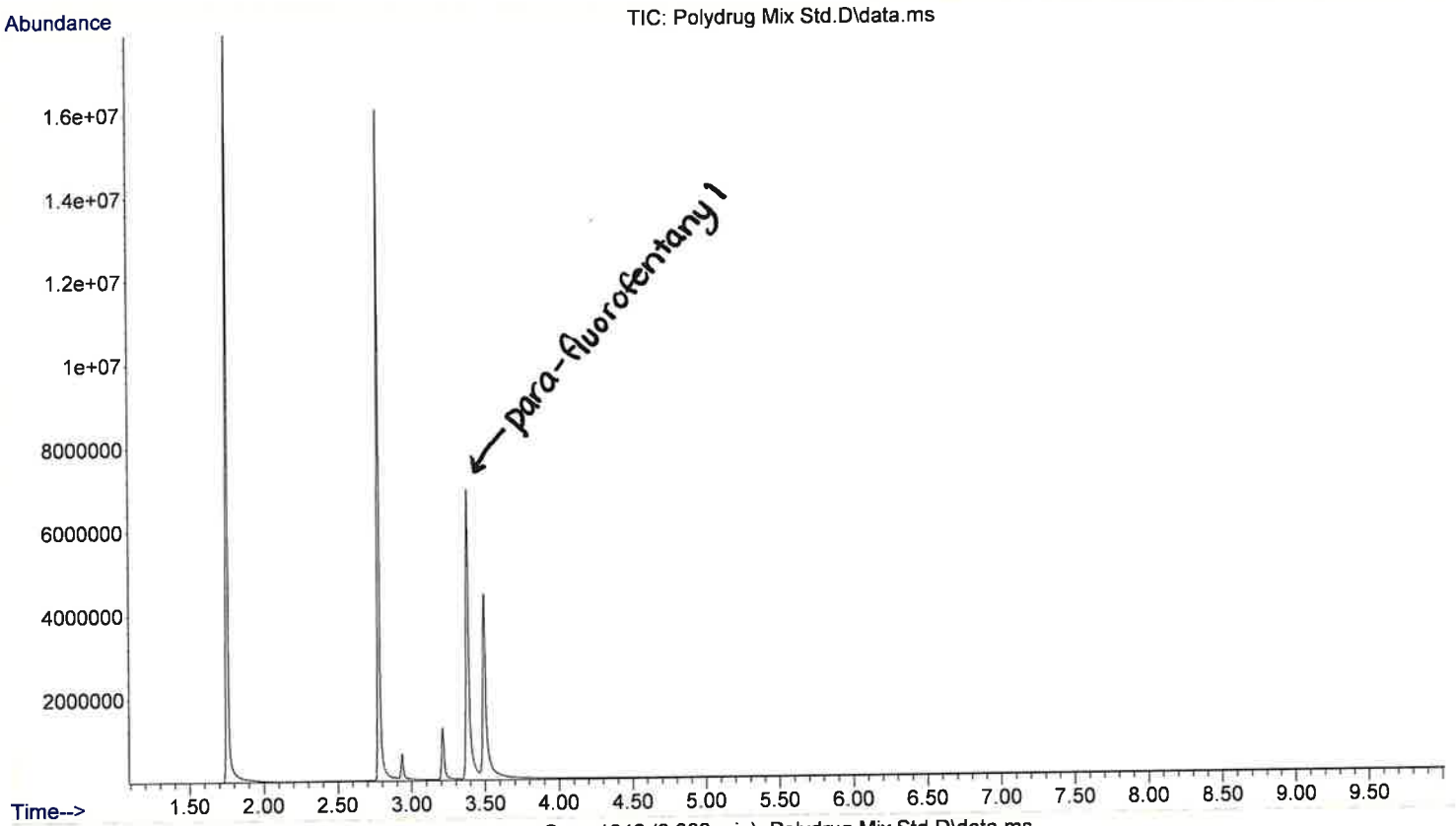


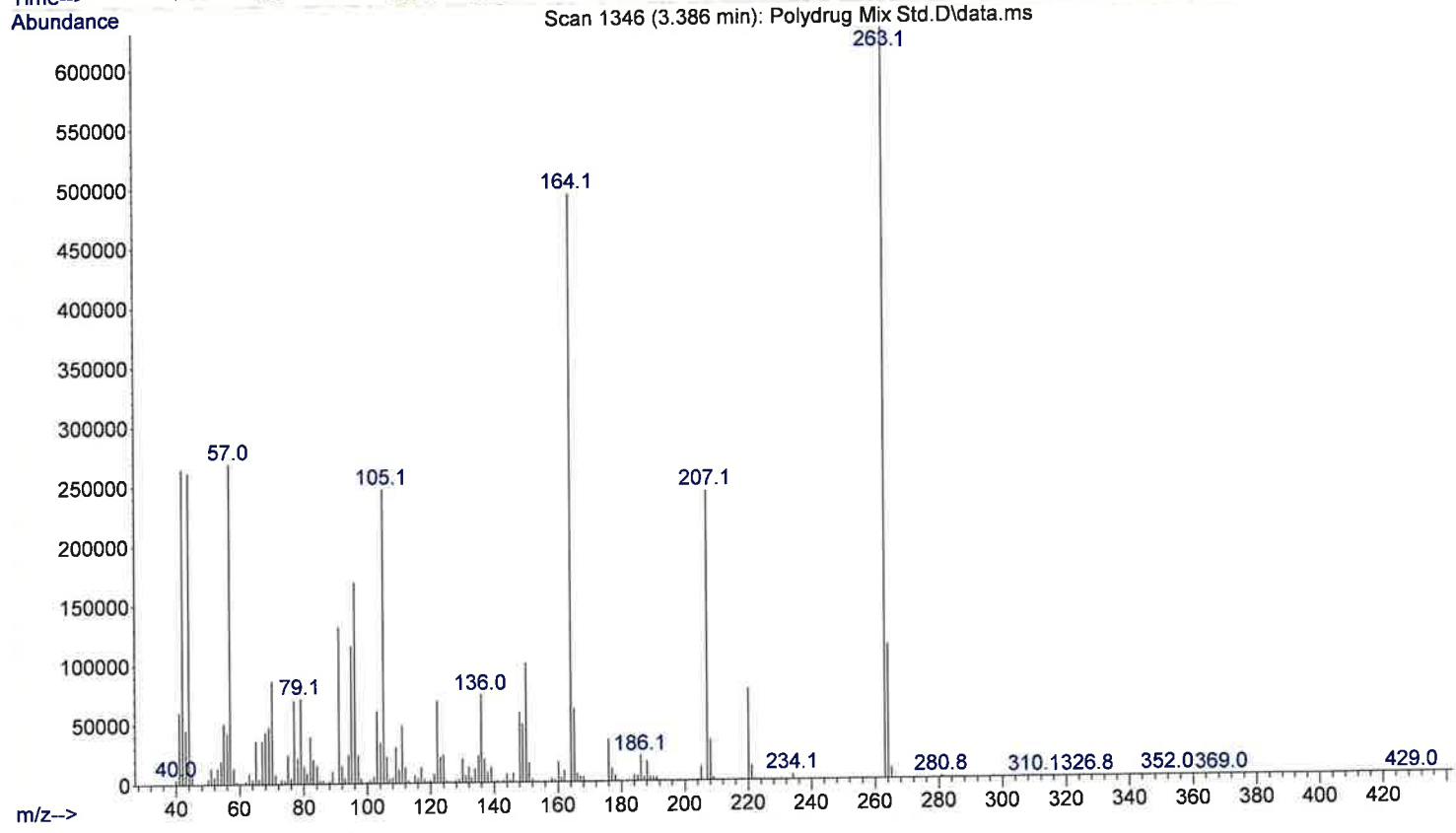
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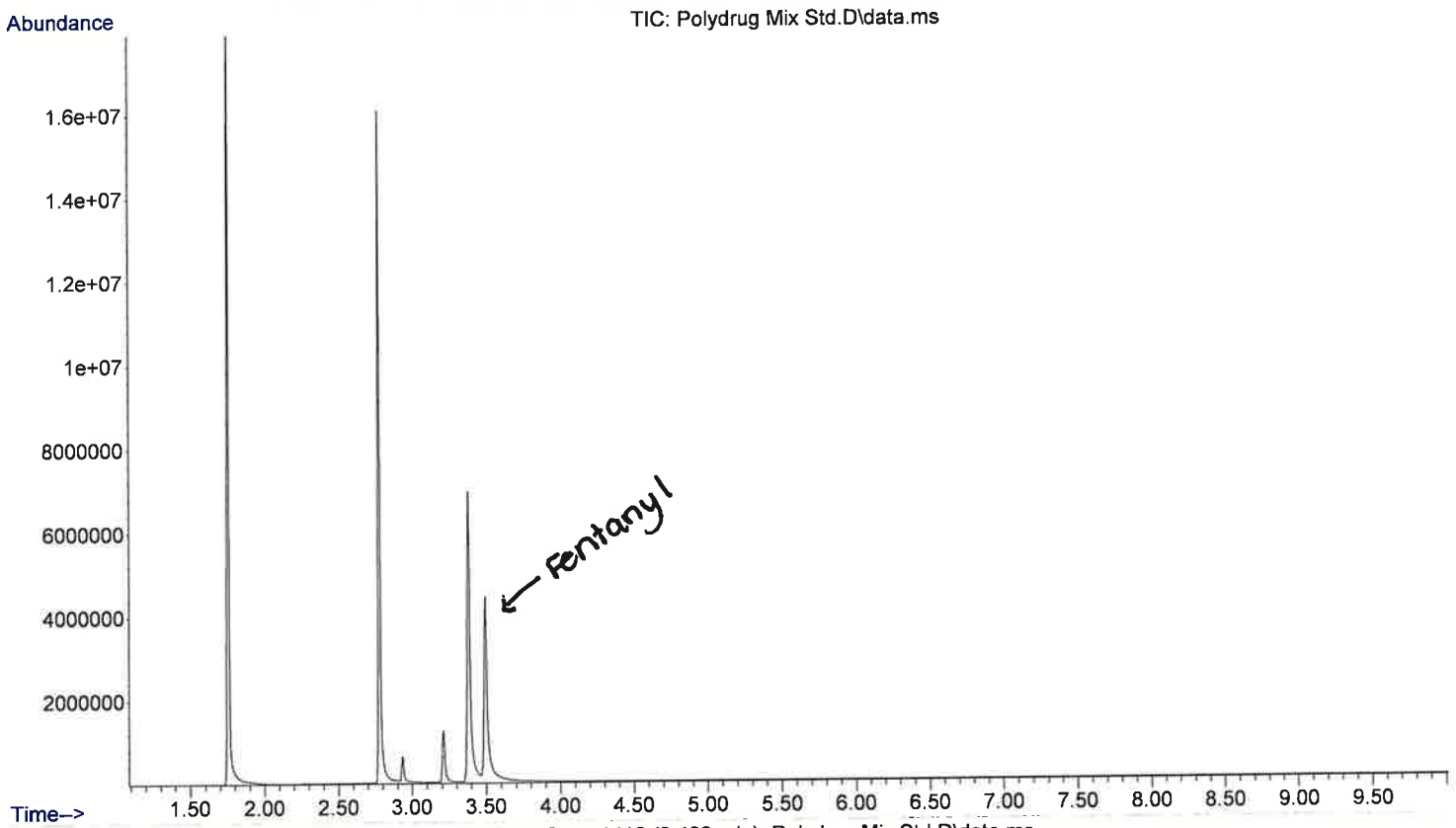


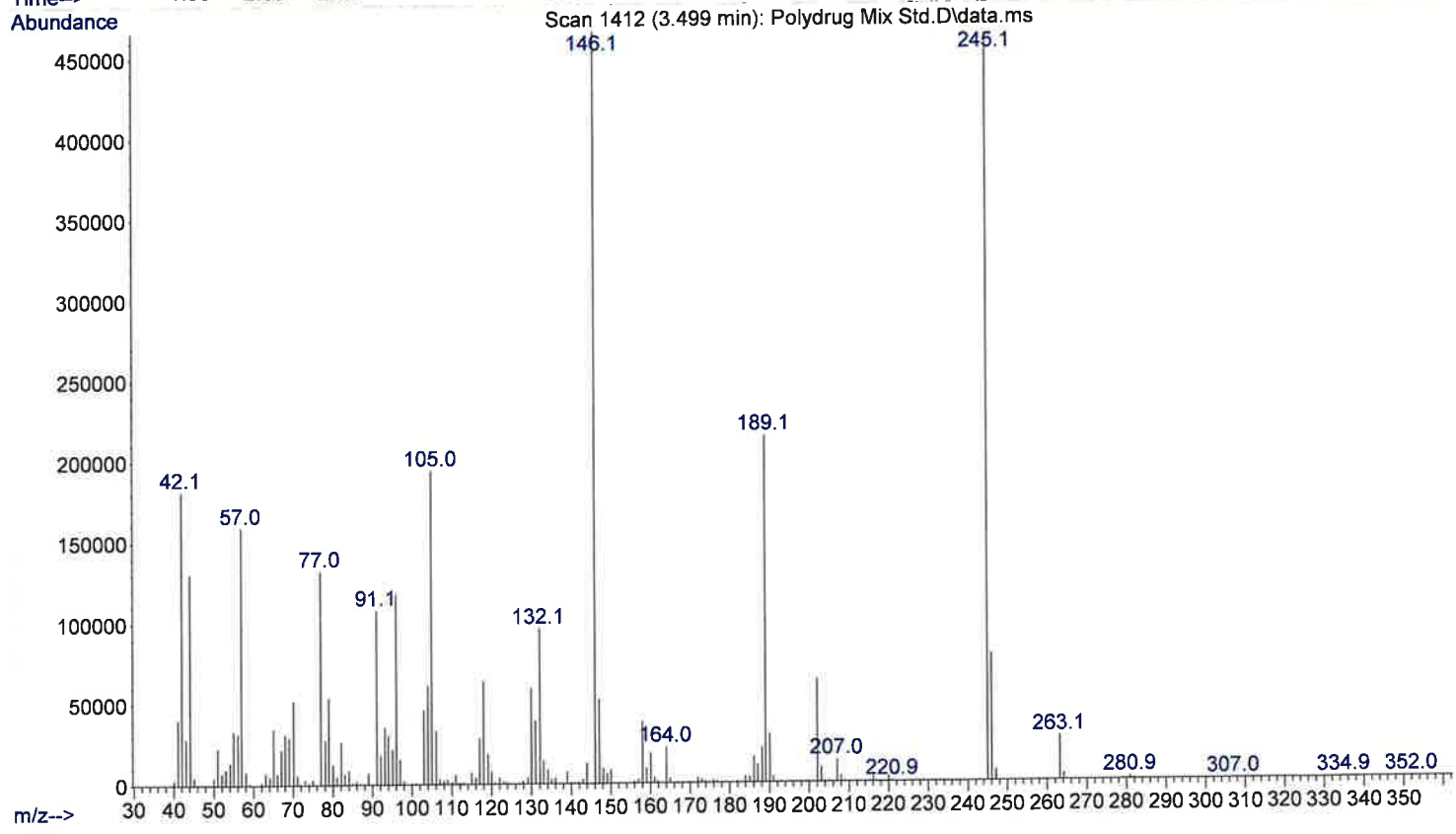
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Sample Name: Polydrug Mix Std
Misc Info : Meoh,Exp 12-11-25





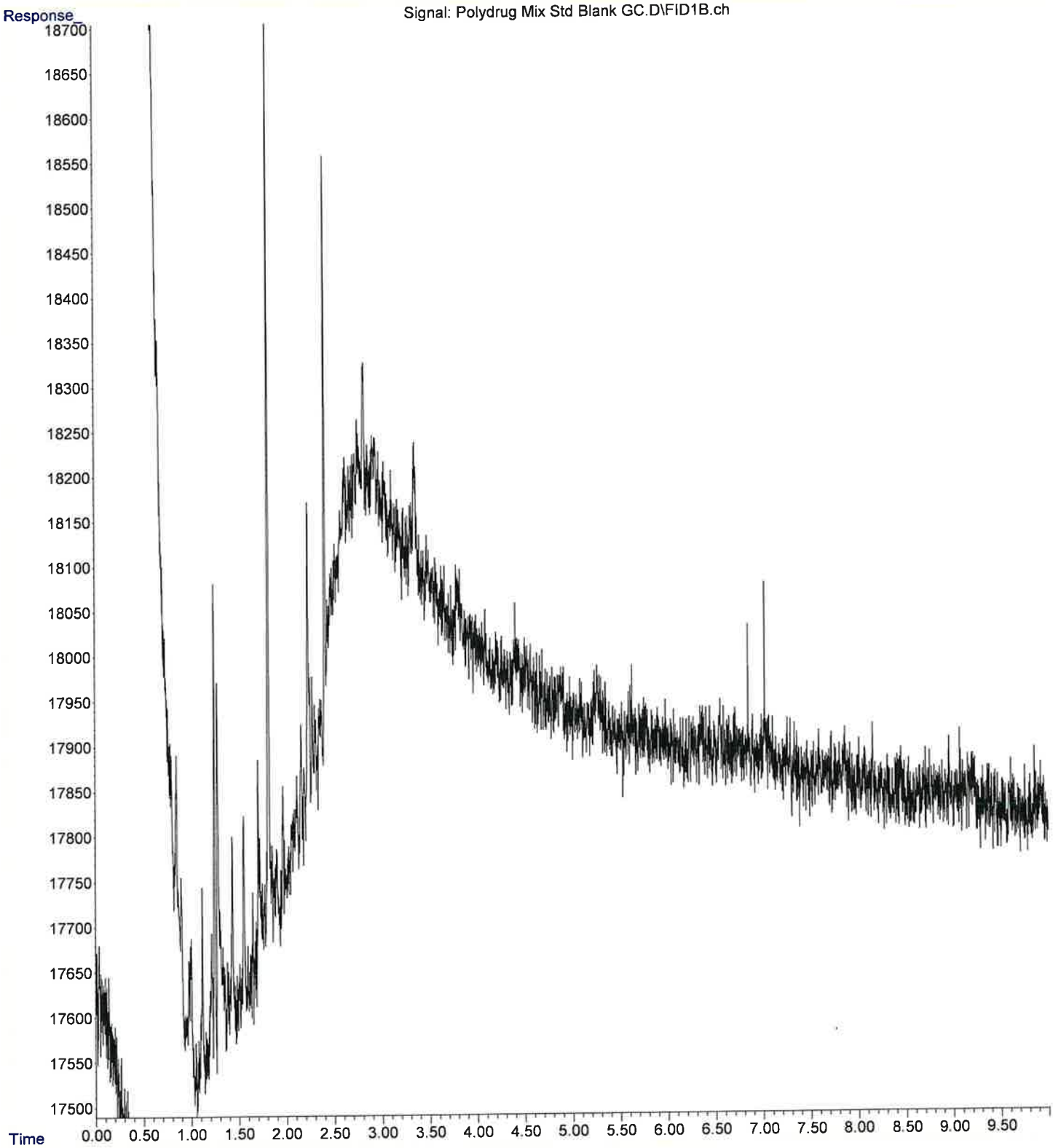
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Sample Name: Polydrug Mix Std
Misc Info : Meoh,Exp 12-11-25



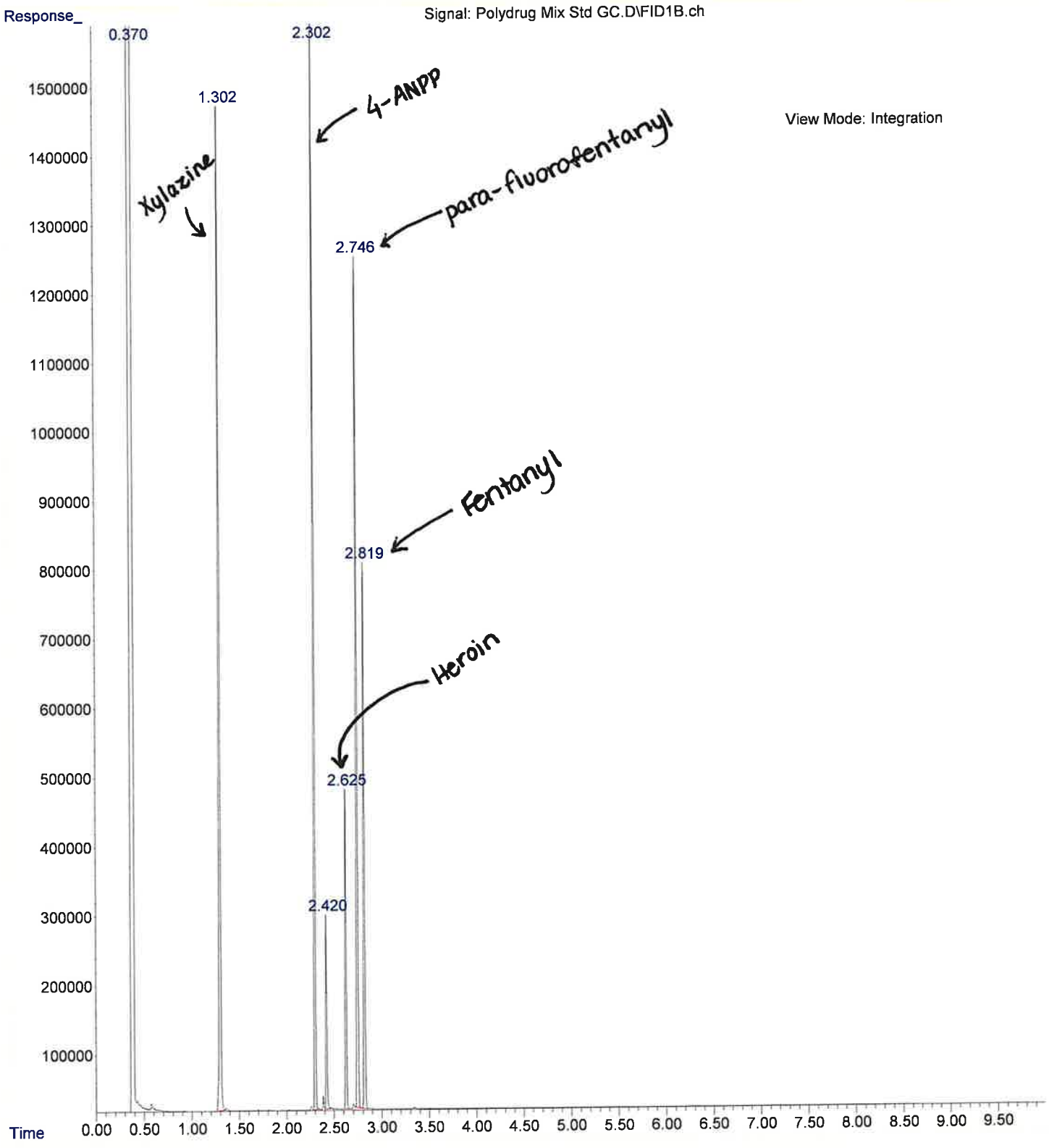


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Sample Name: Polydrug Mix Std Blank GC
Misc Info  : Meoh
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NO3D



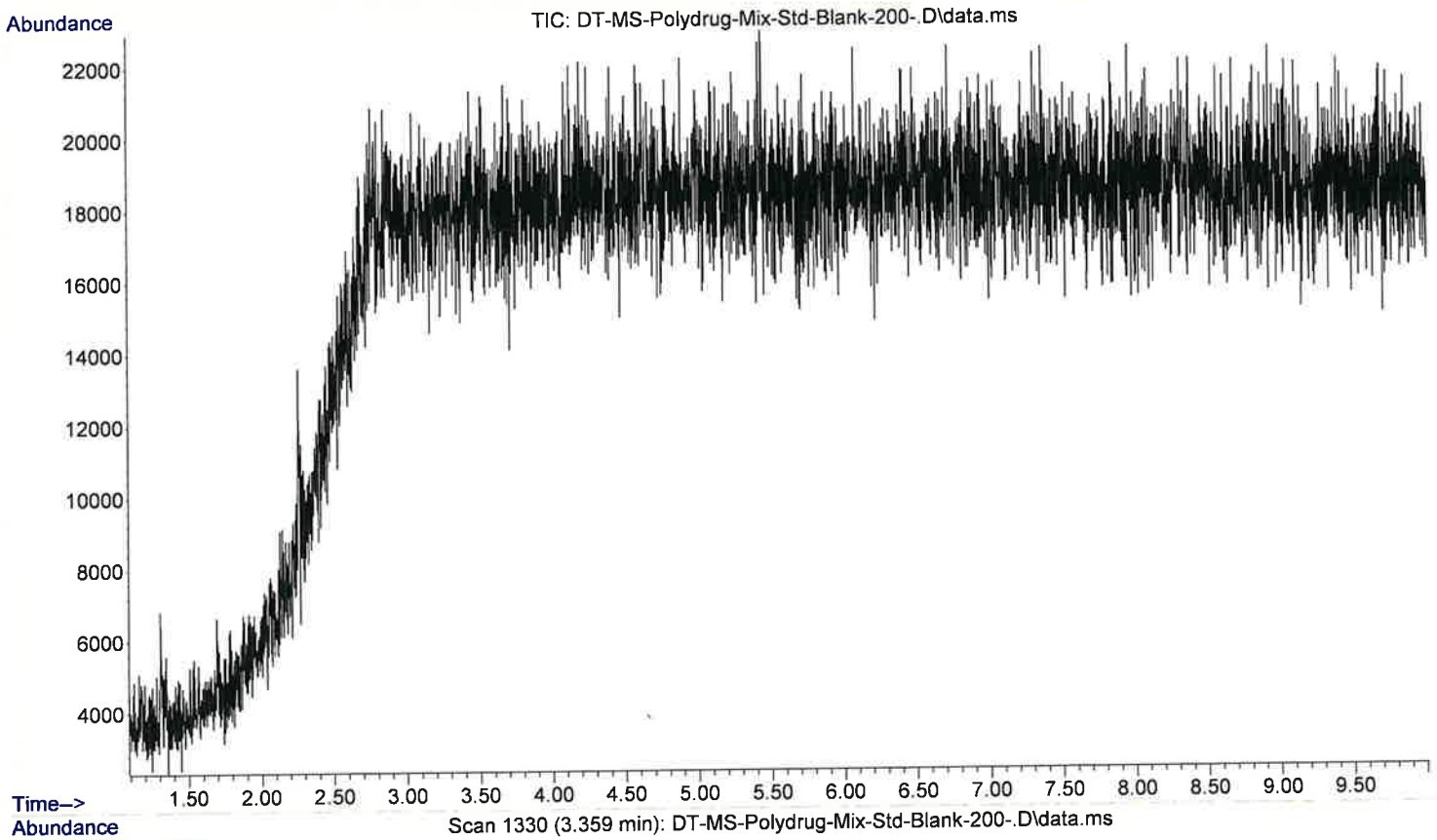
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Operator : IS
Instrument : Quincy
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Sample Name: Polydrug Mix Std GC
Misc Info : Meoh,Exp 12-11-25

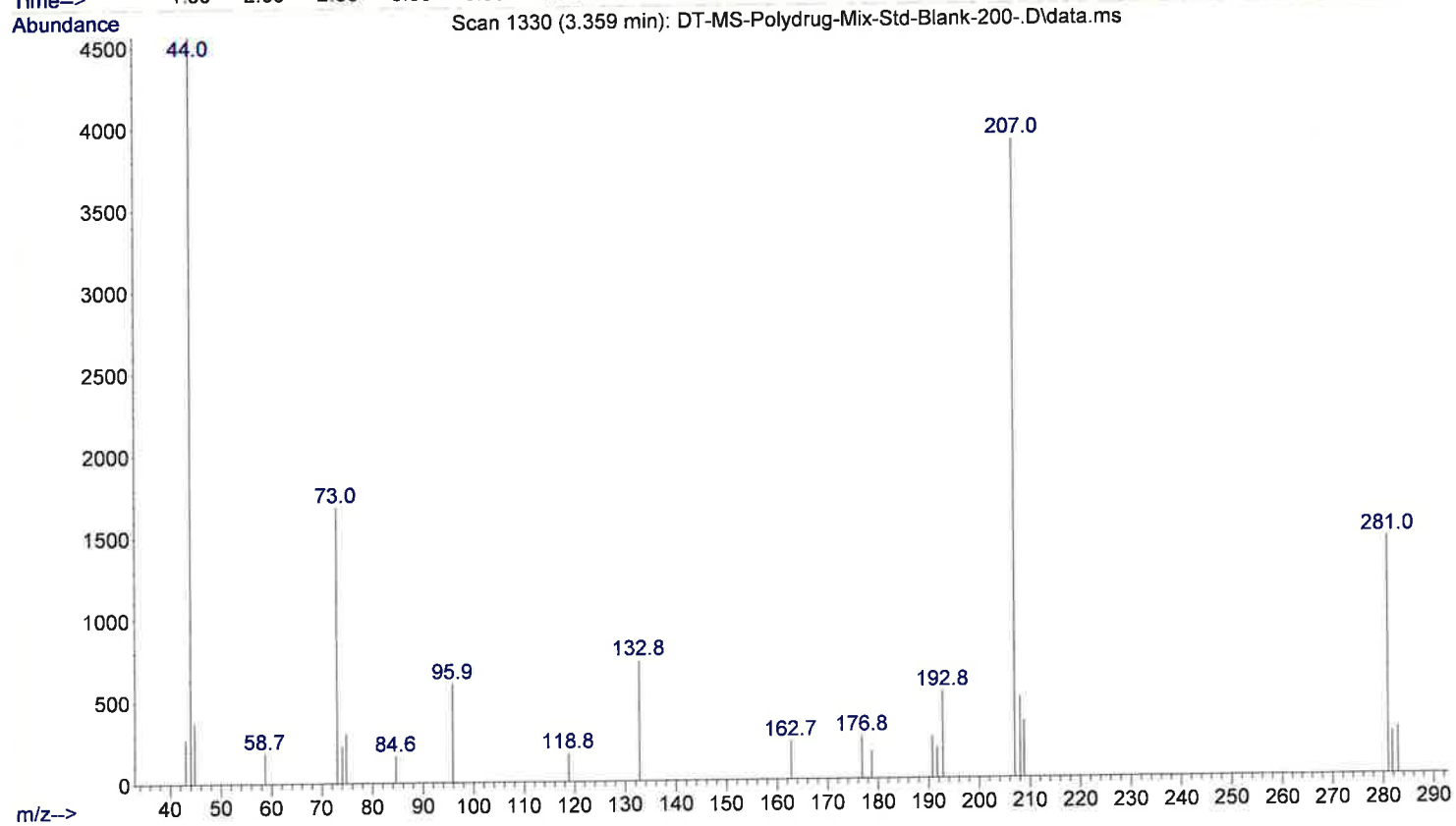


P9. 8Cl

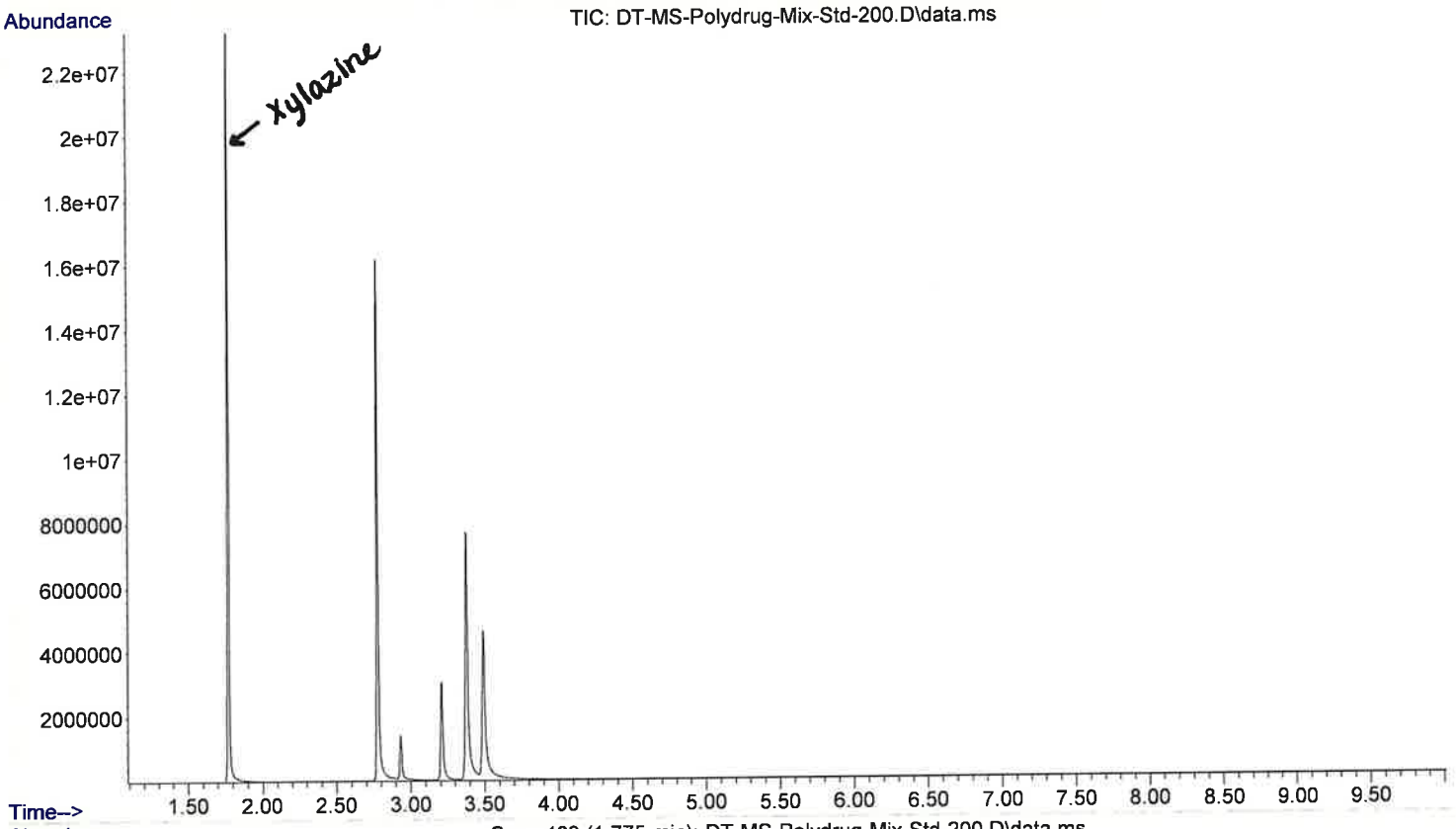
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Sample Name: Polydrug Mix Std Blank
Misc Info : Meoh

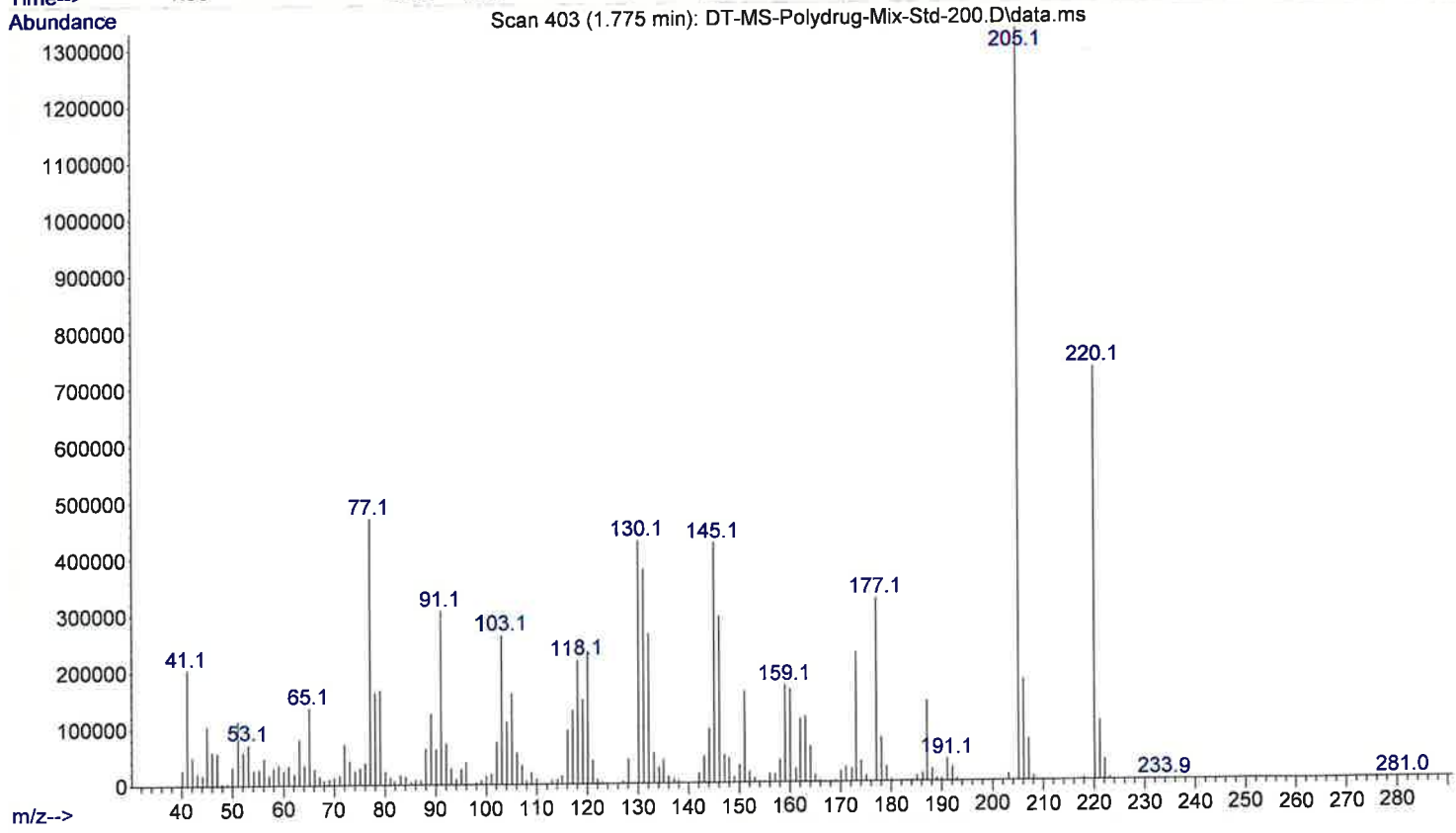
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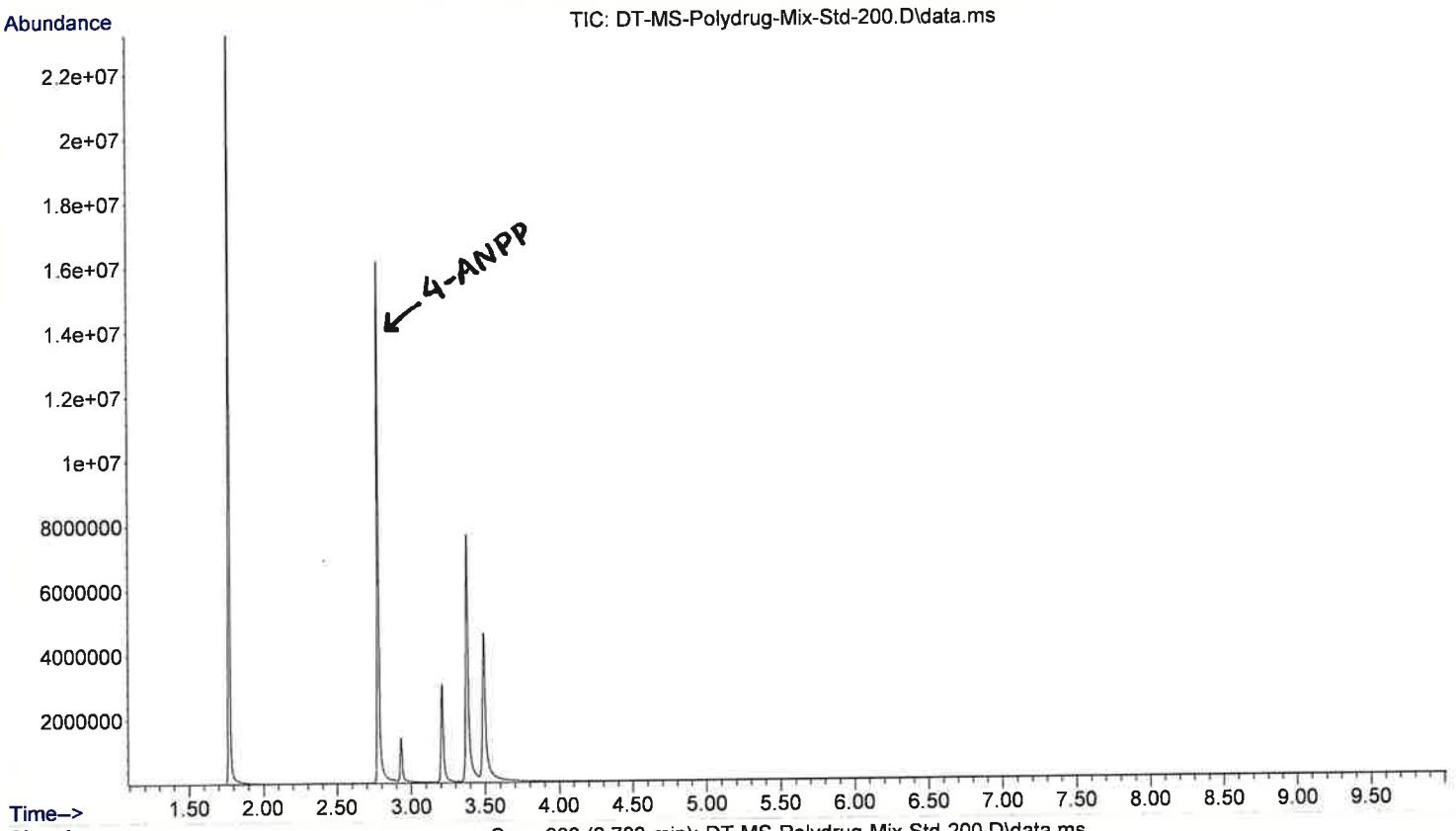


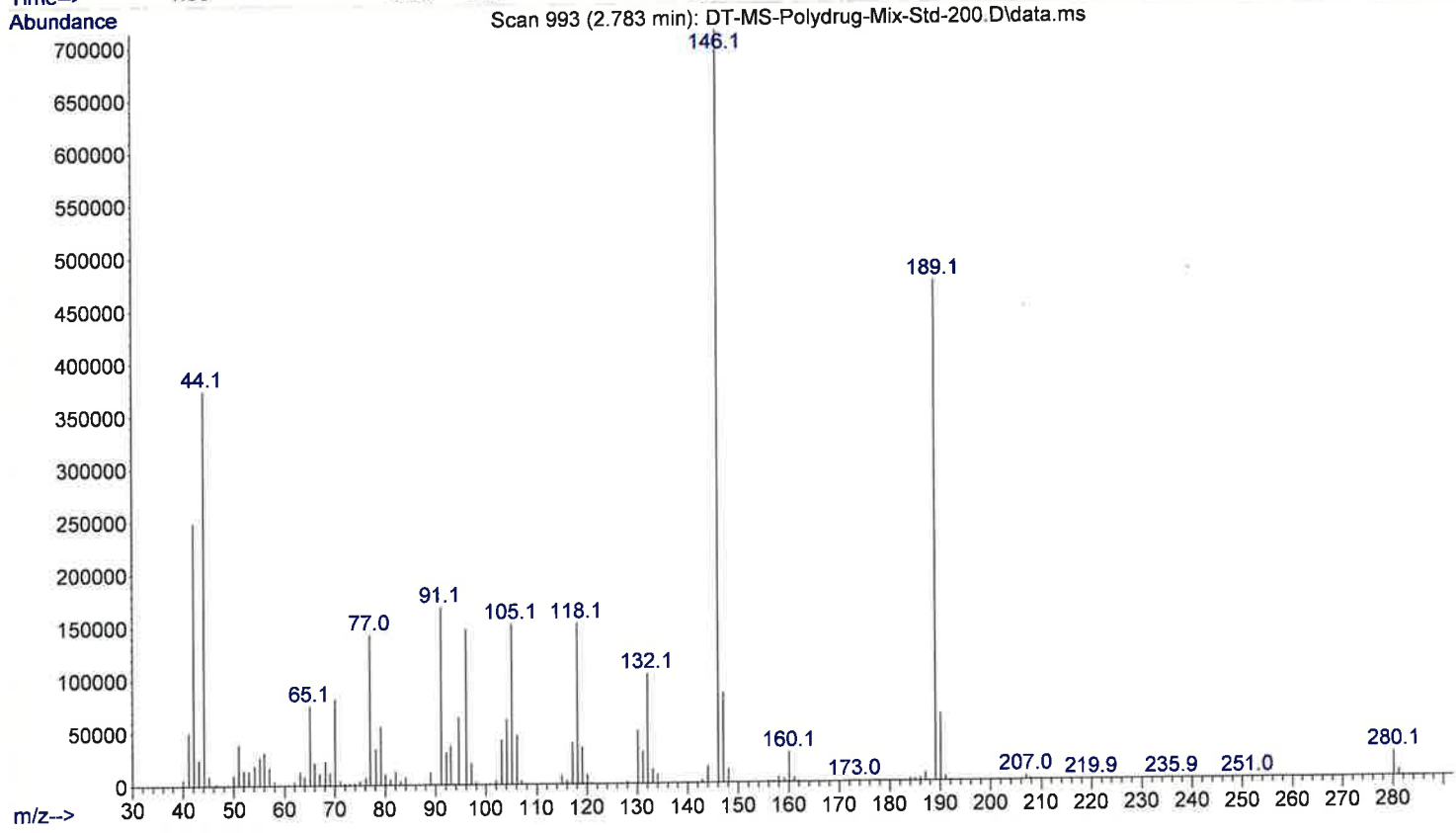
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Sample Name: Polydrug Mix Std
Misc Info : Meoh,Exp 12-11-25



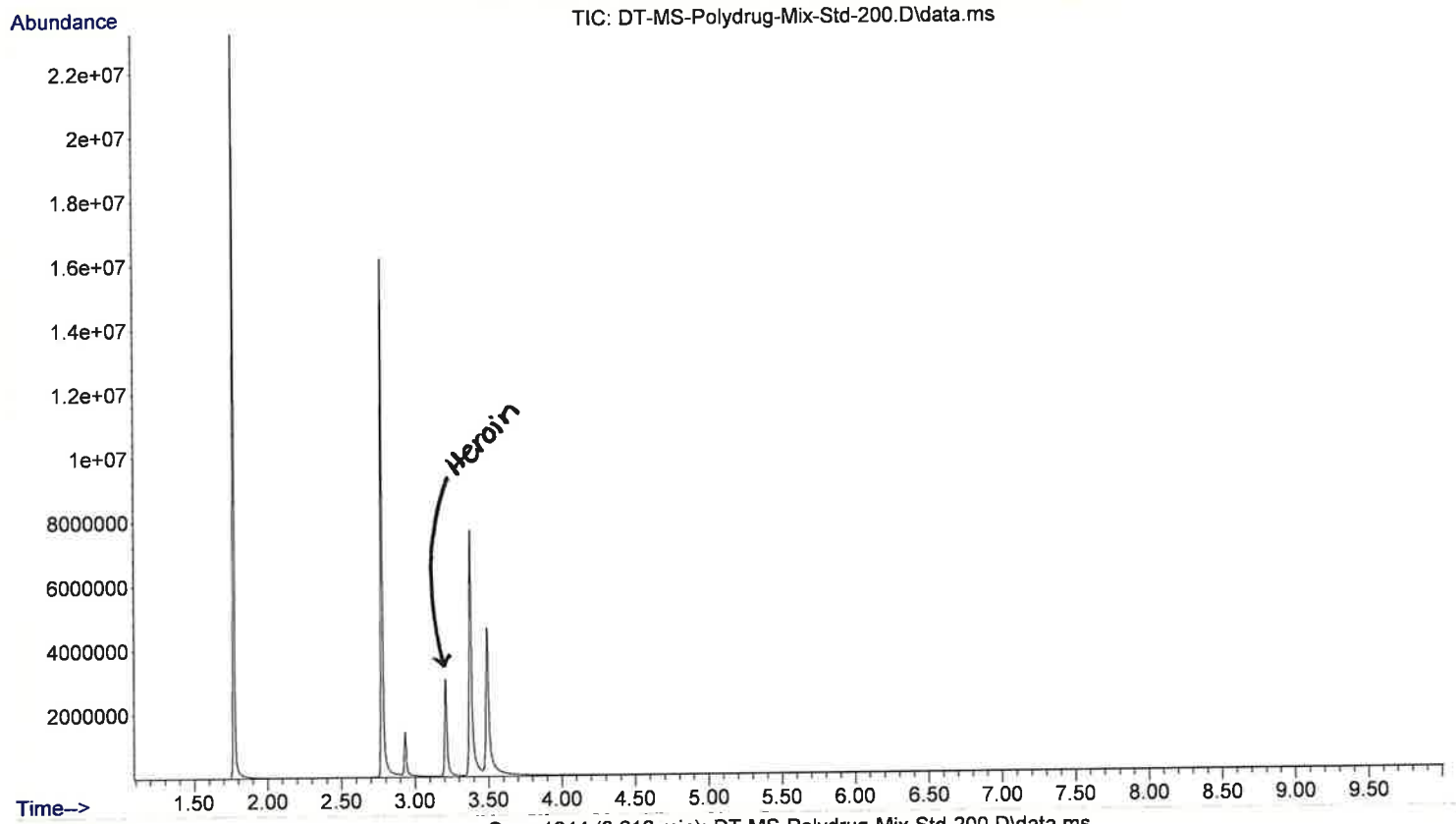


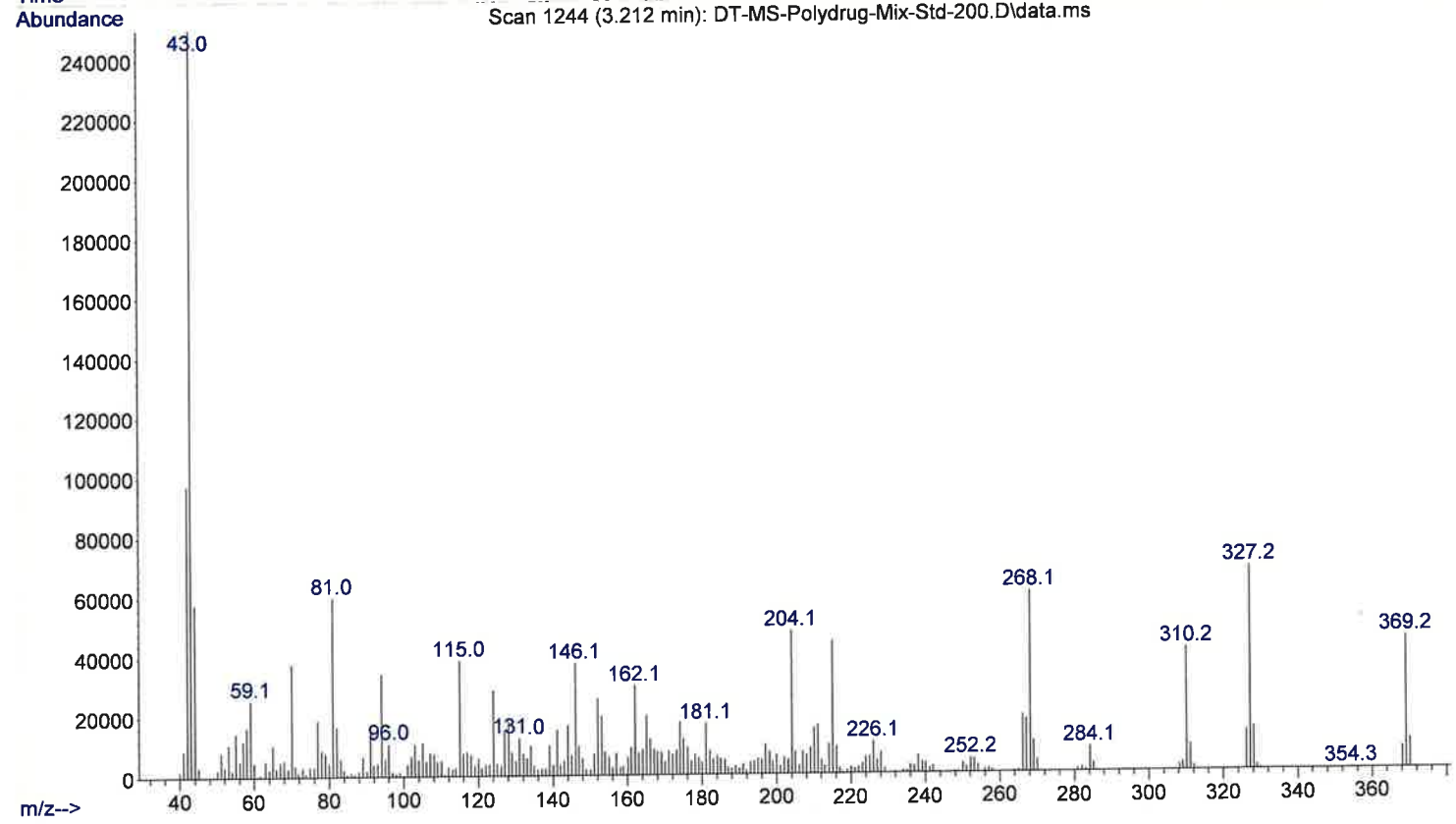
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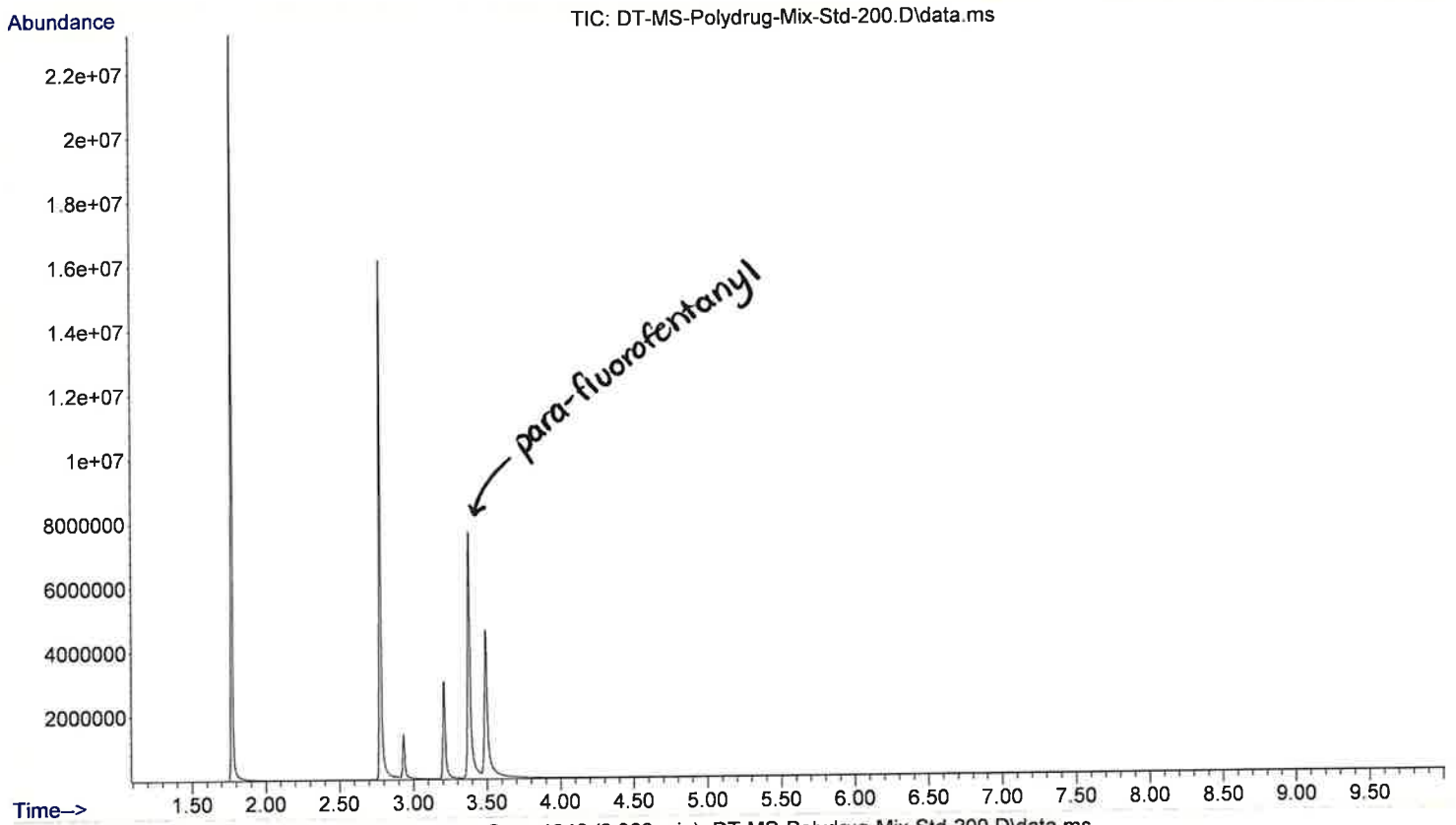


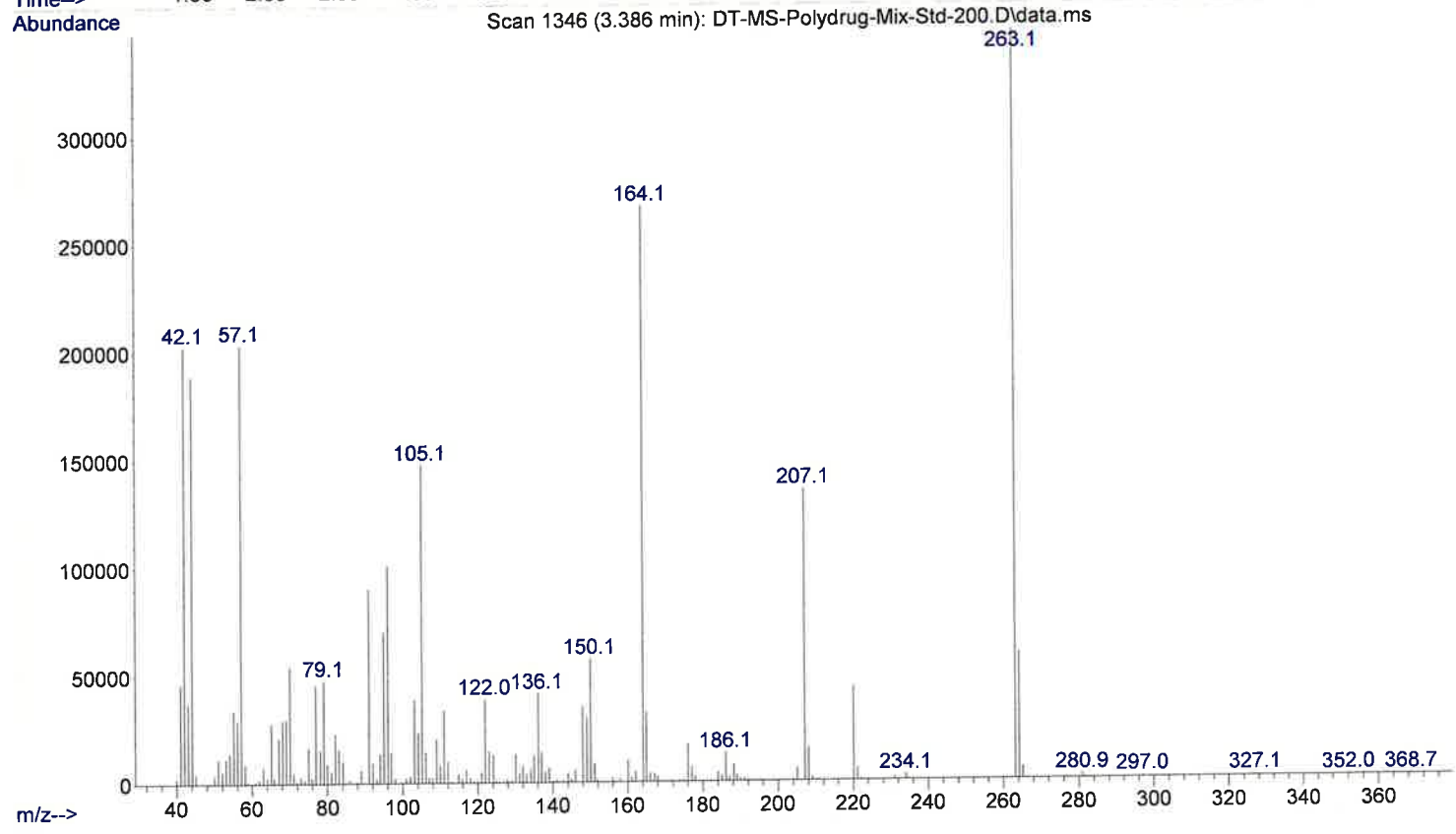
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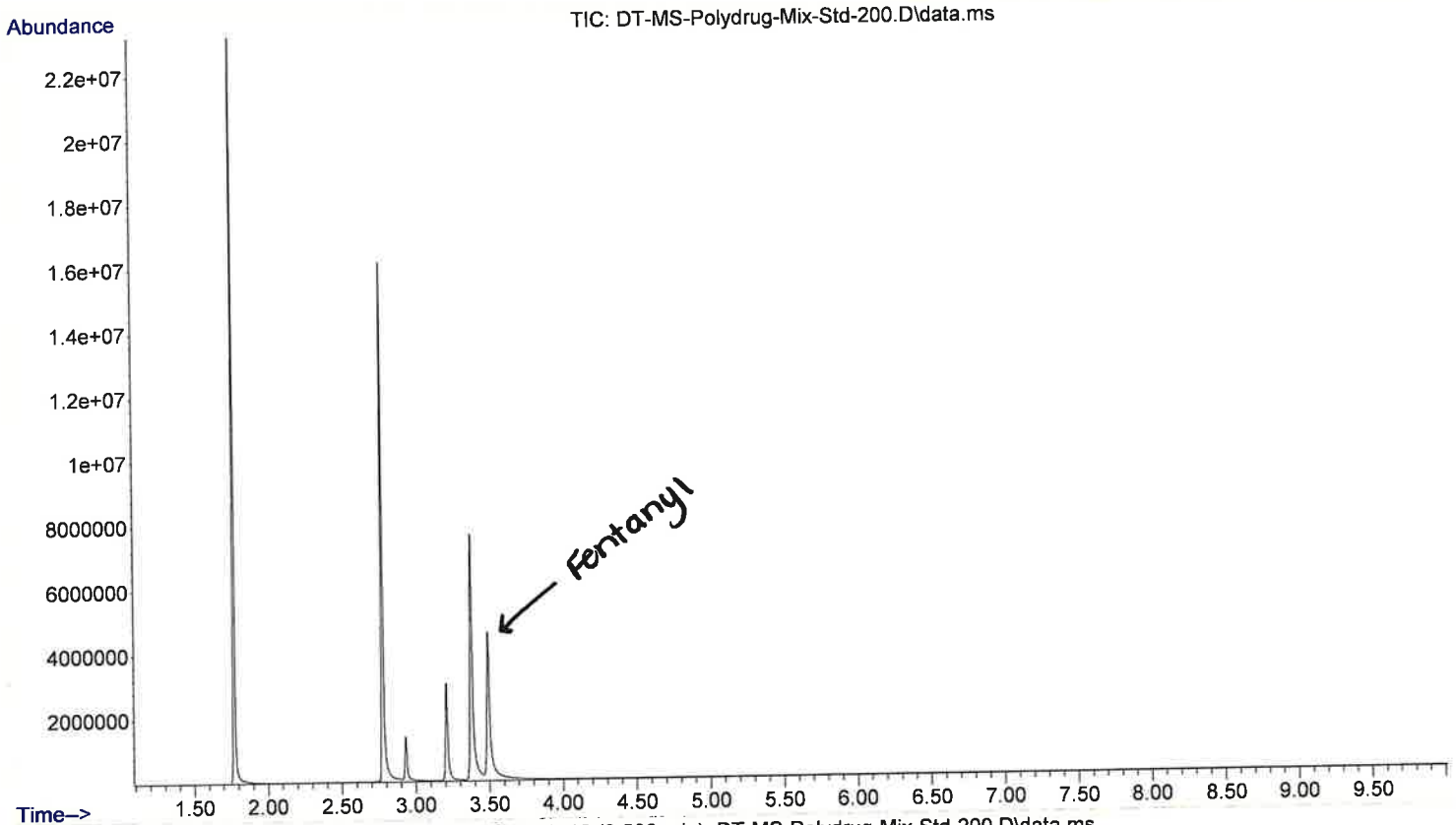


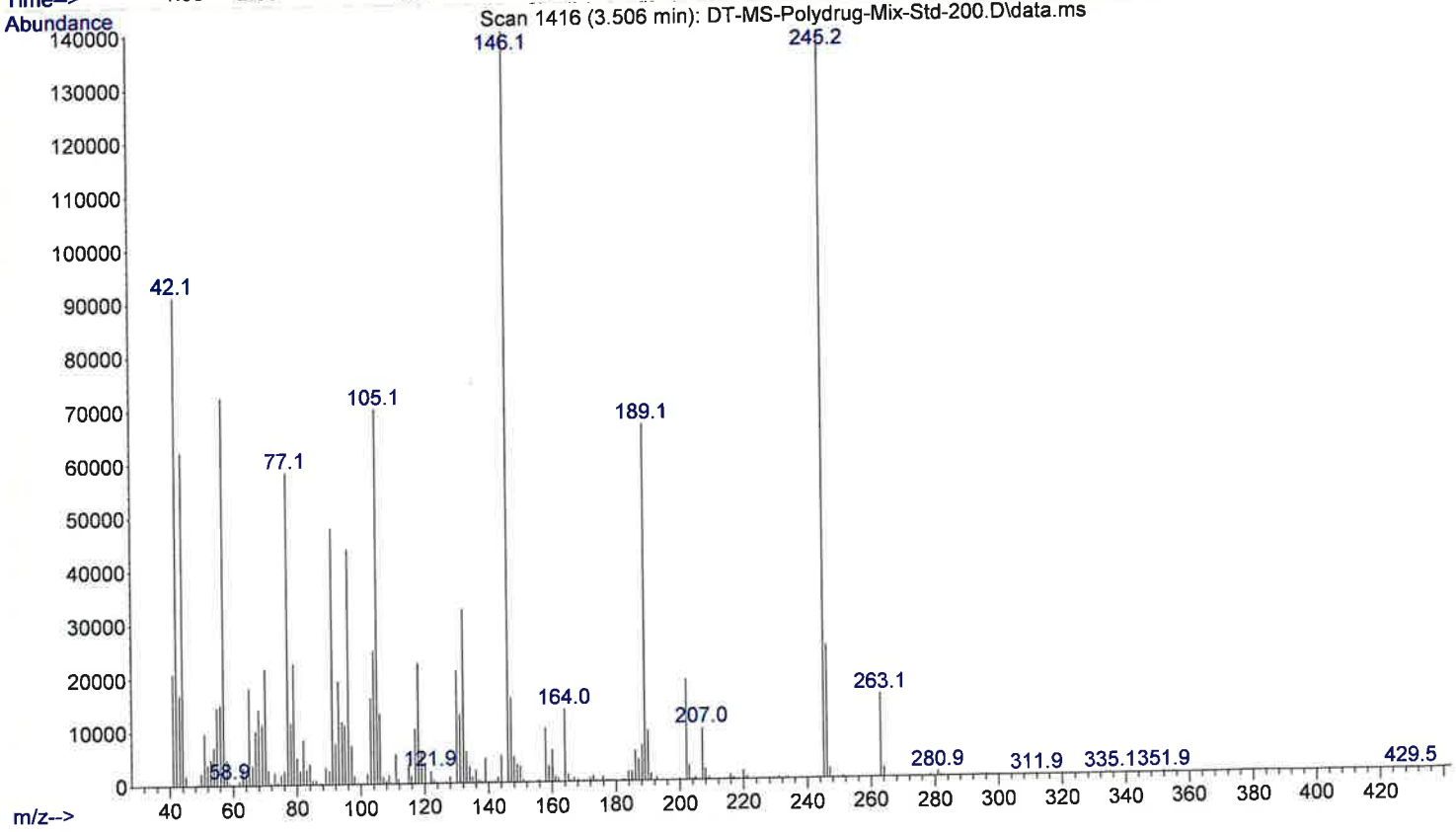
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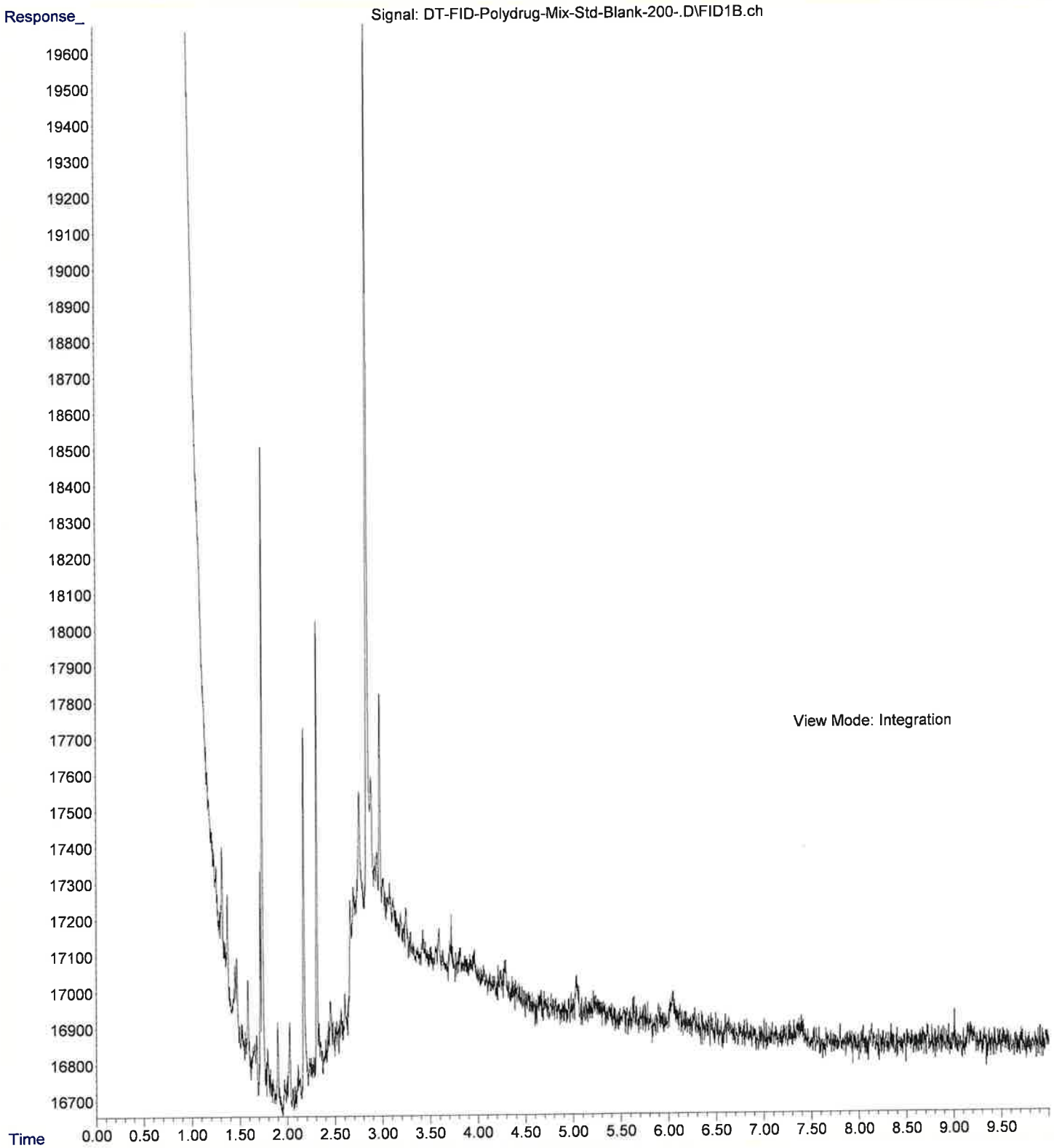
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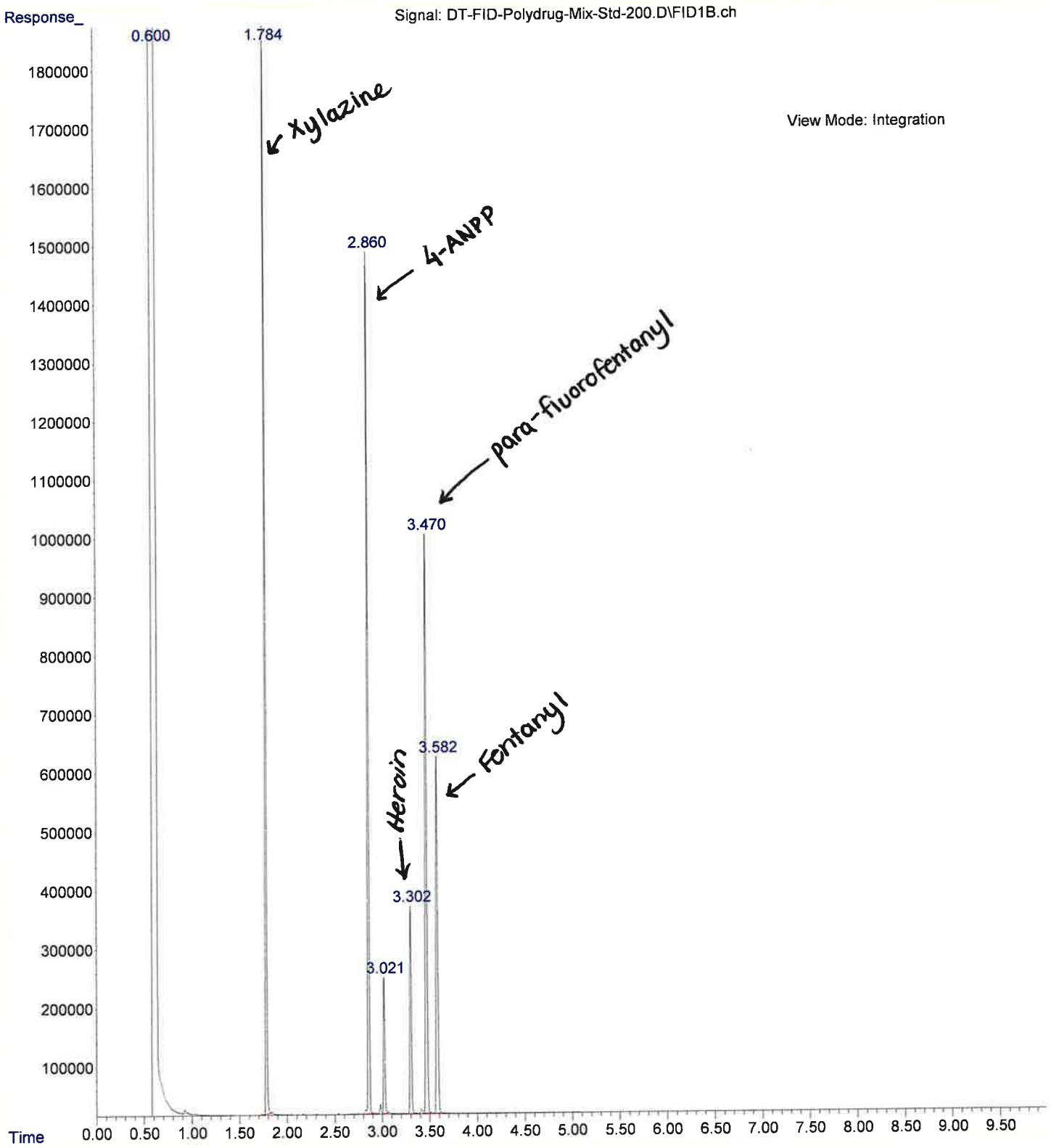


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Misc Info : Meoh

NCSD

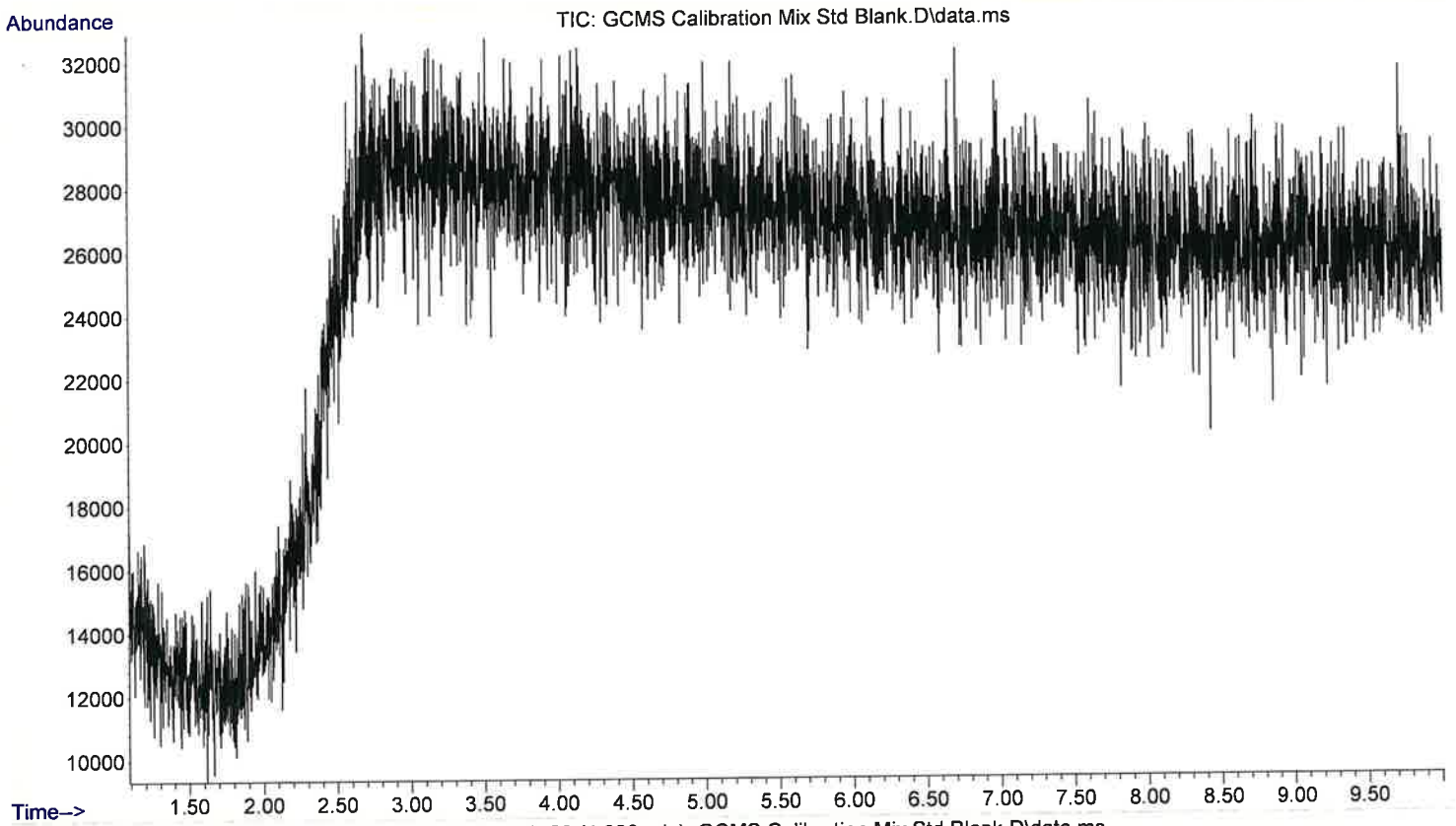


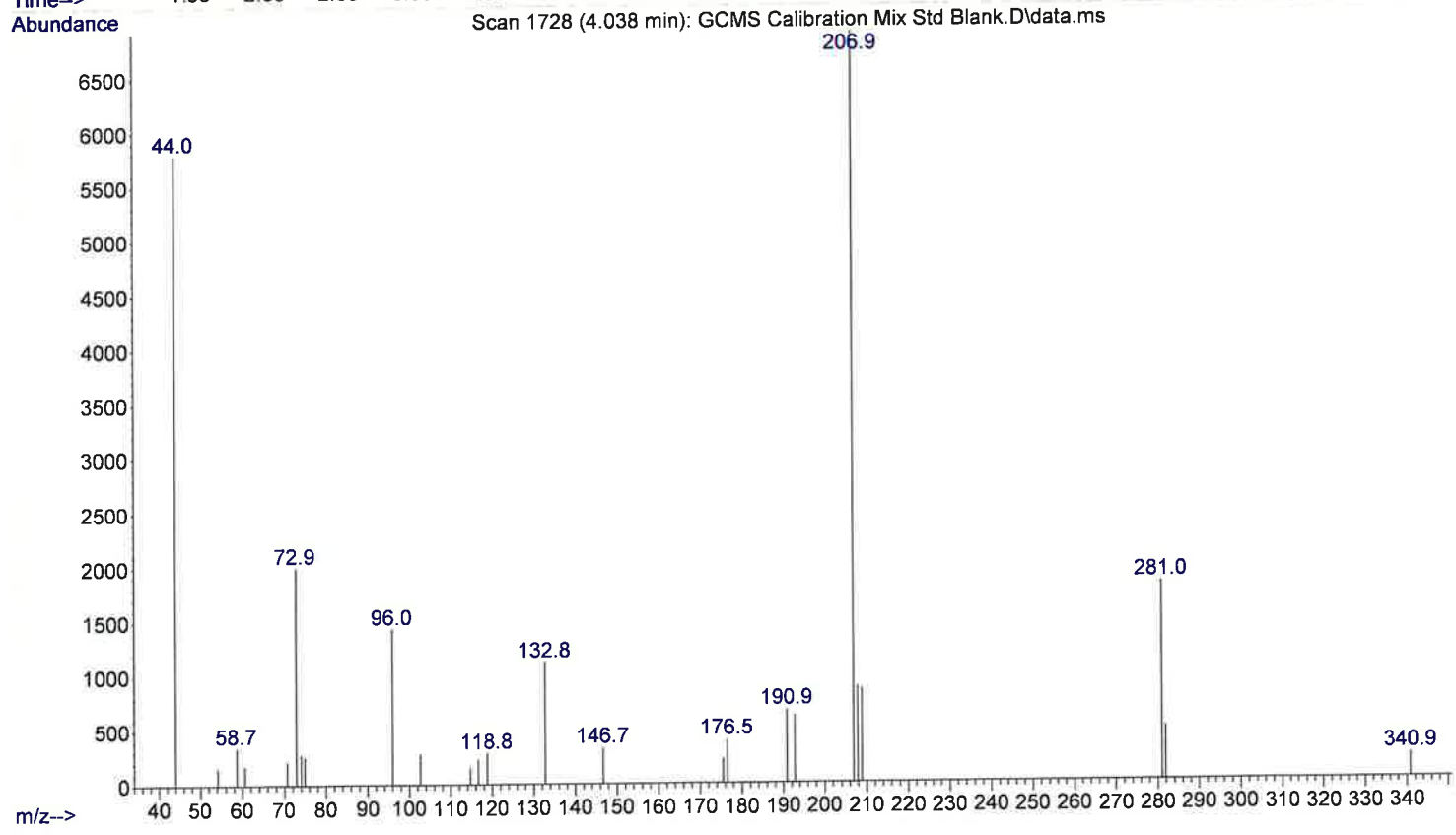
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Misc Info  : Meoh,Exp 12-11-25
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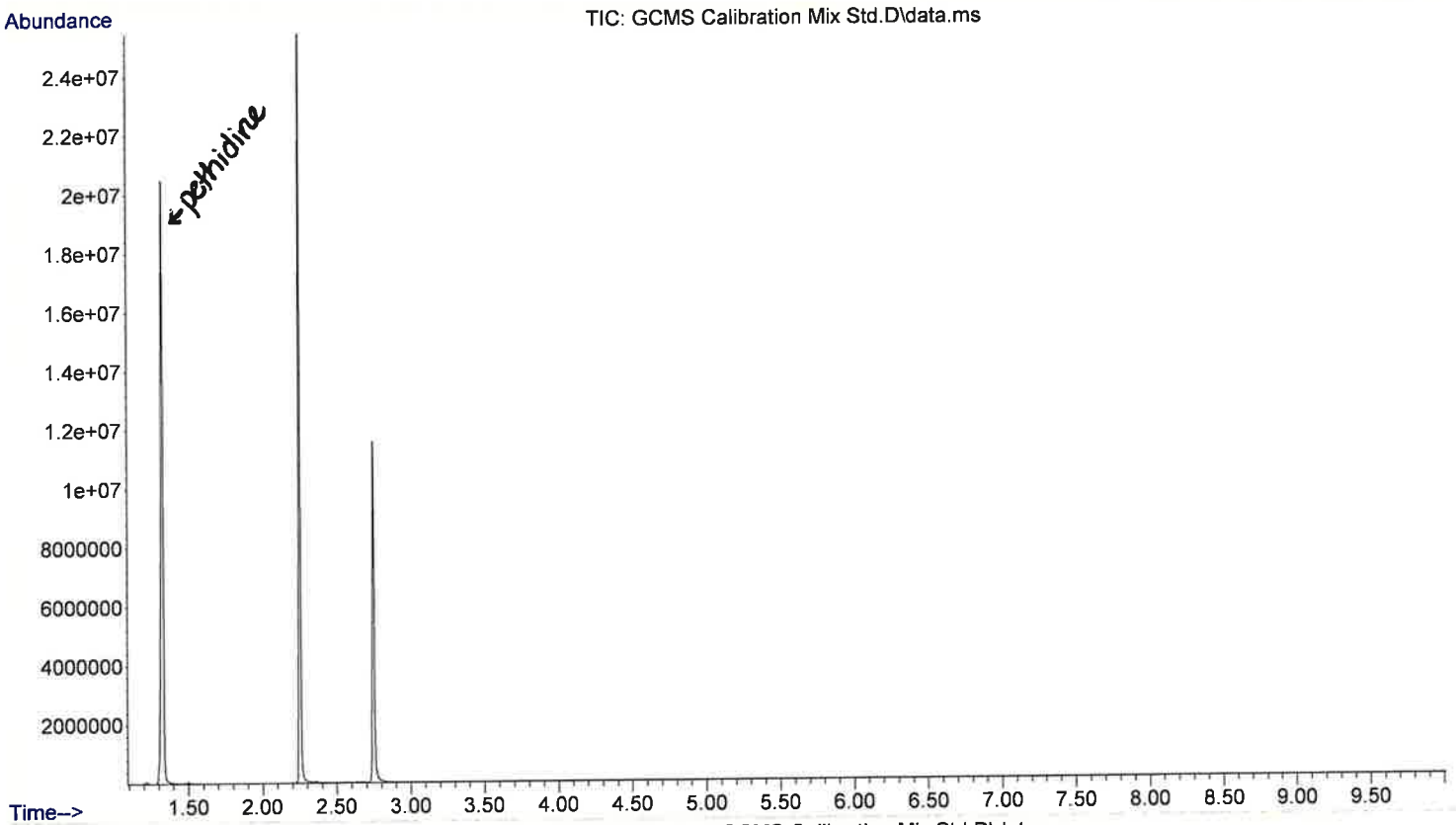
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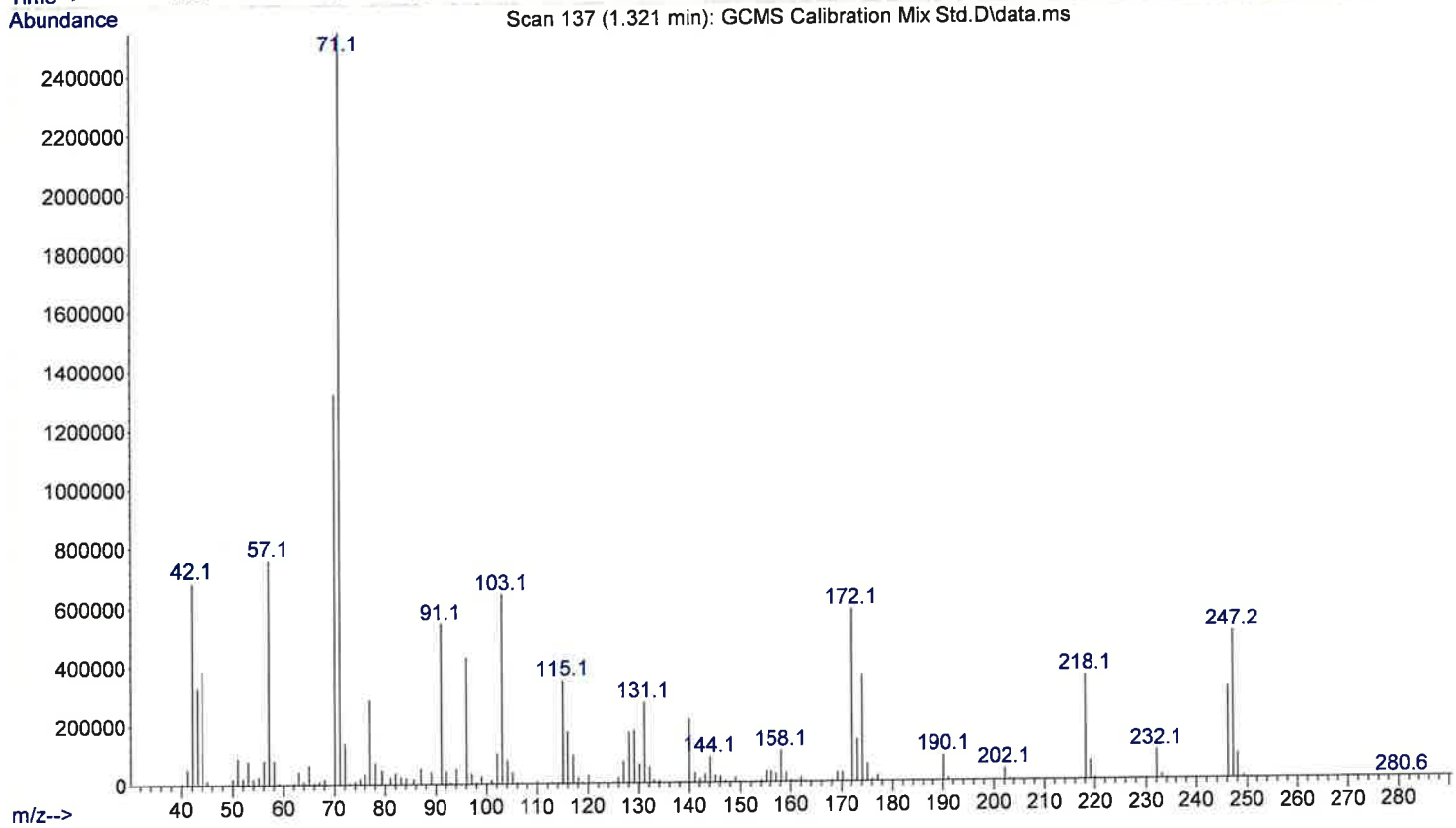
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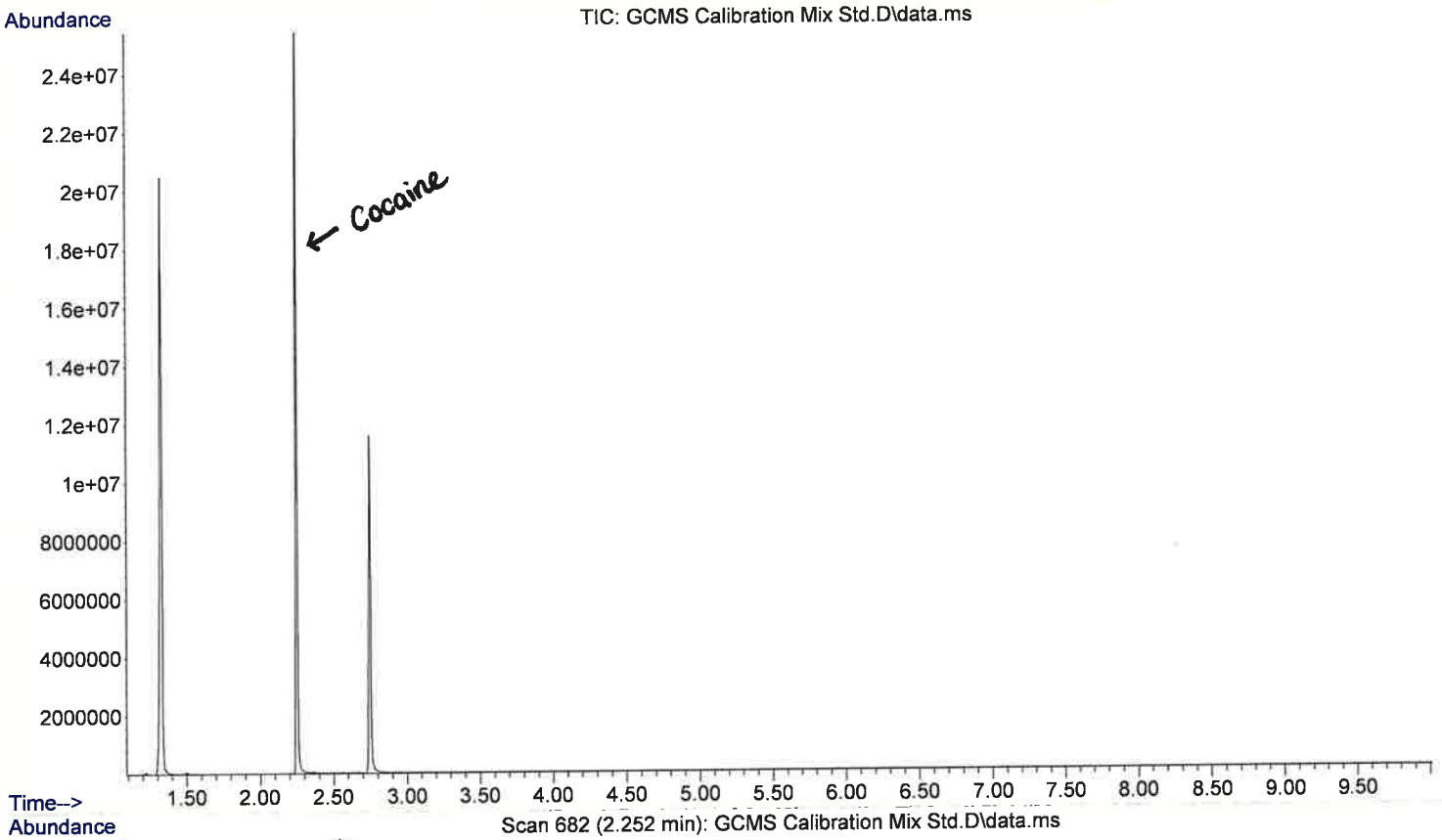


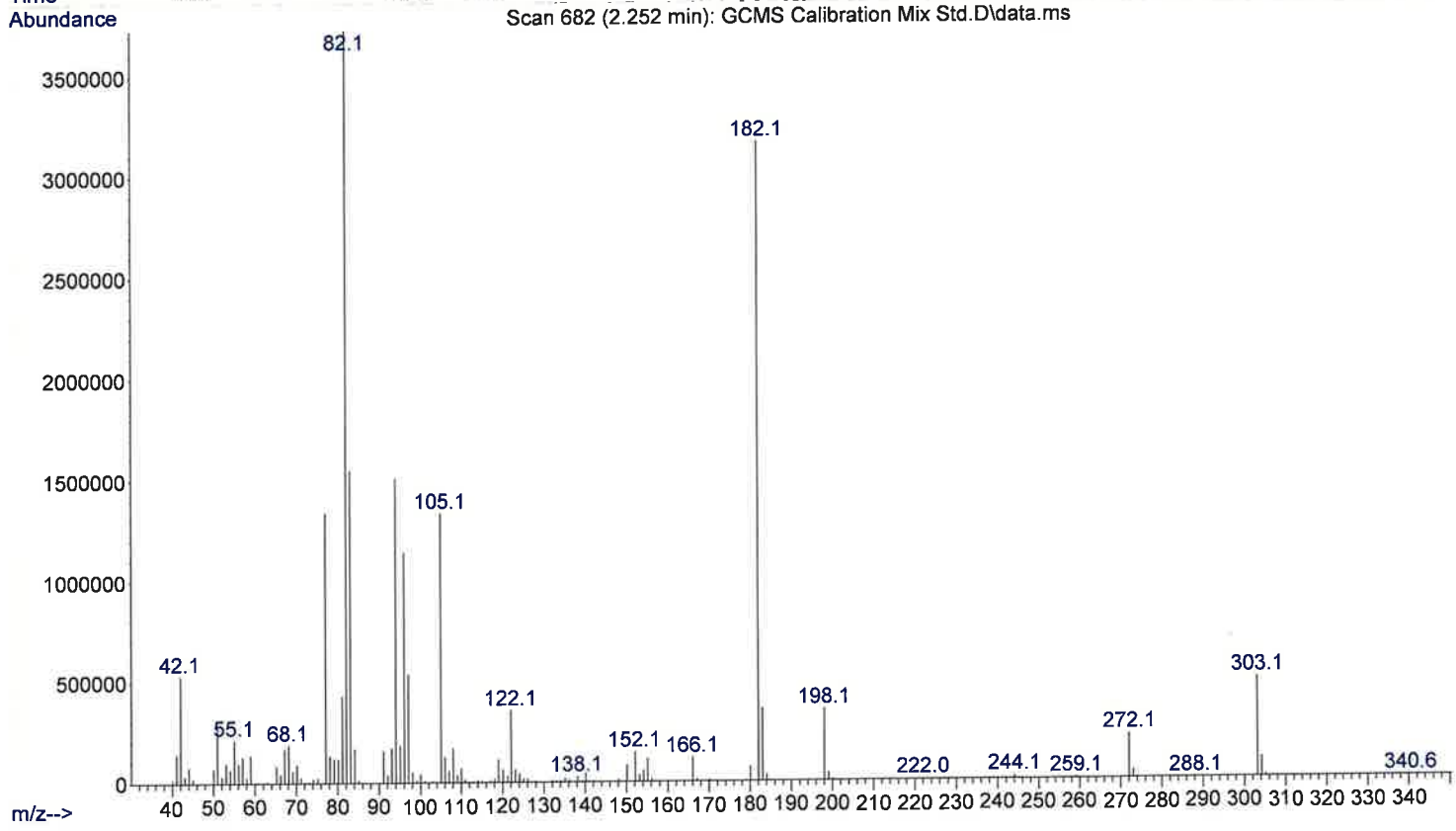
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Sample Name: GCMS Calibration Mix Std
Misc Info : Meoh,Exp 09-18-25



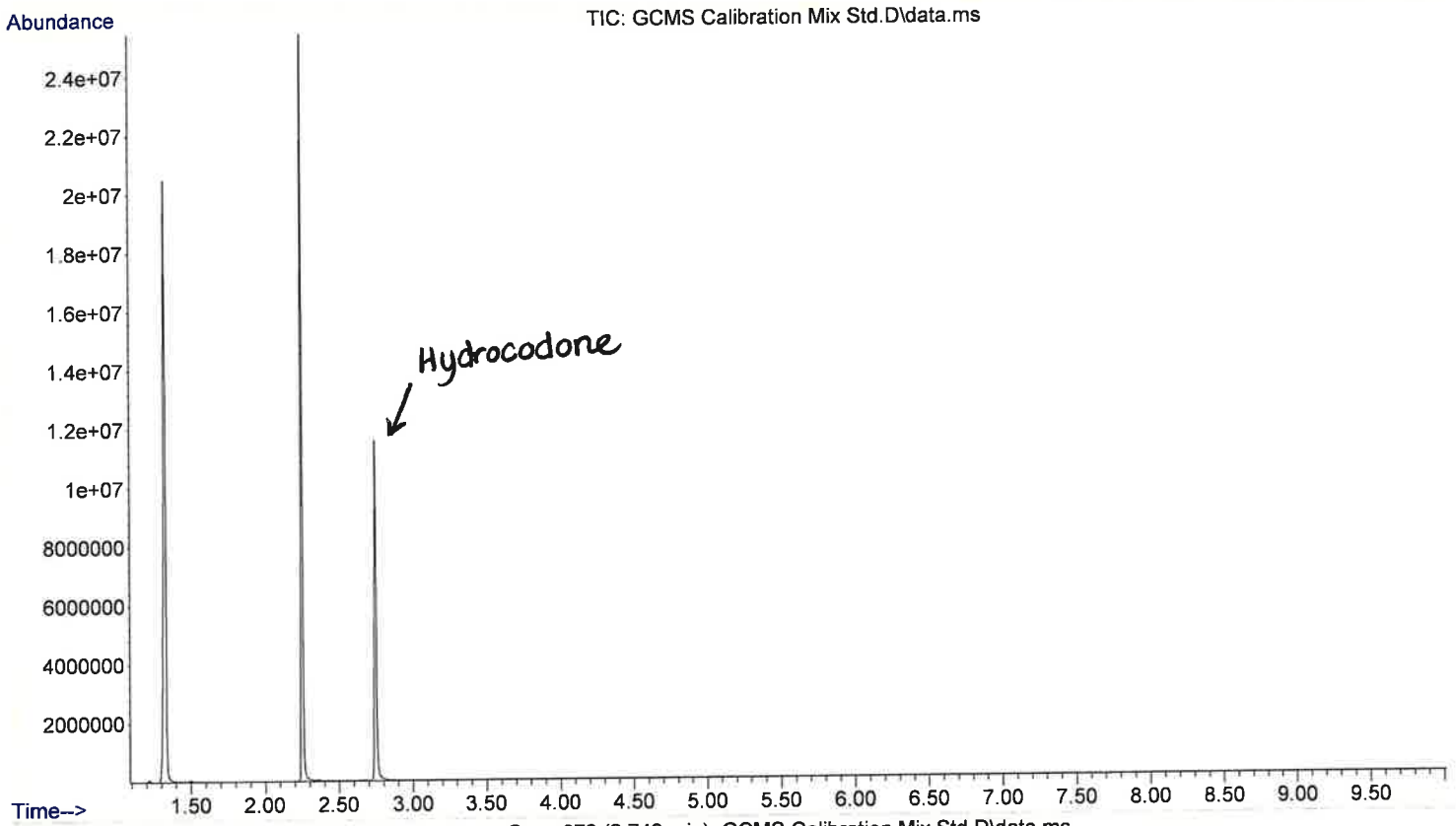


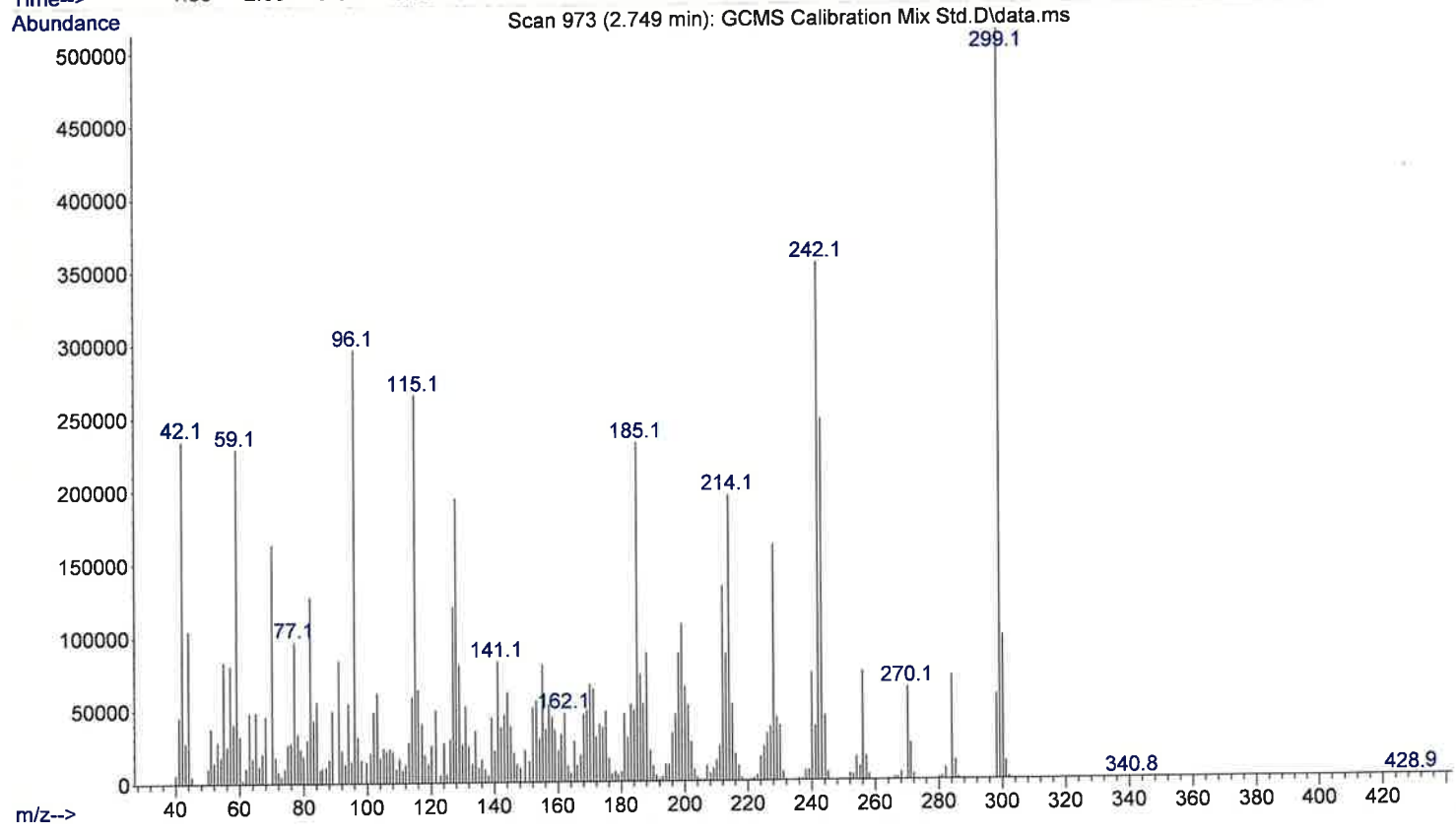
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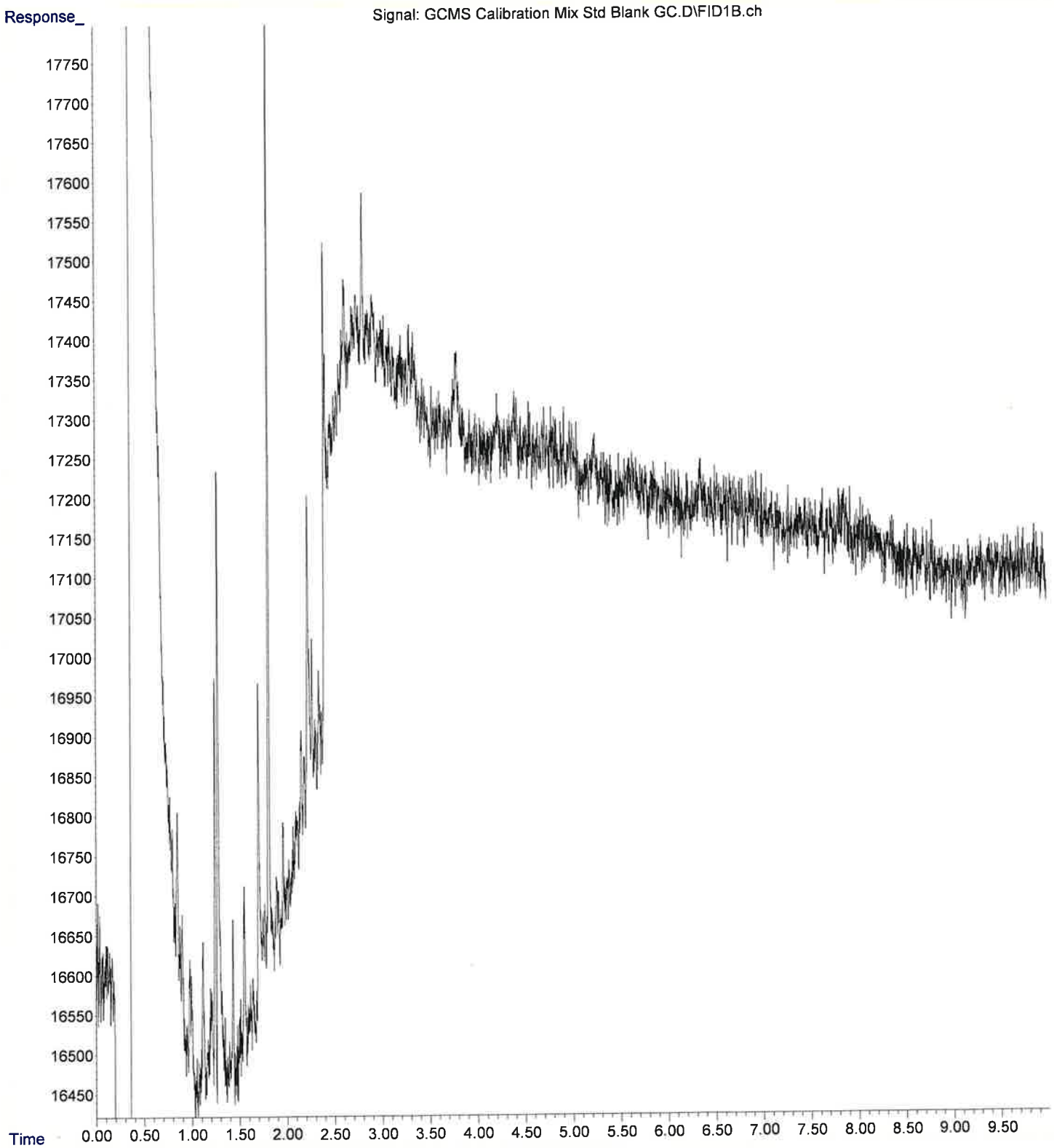
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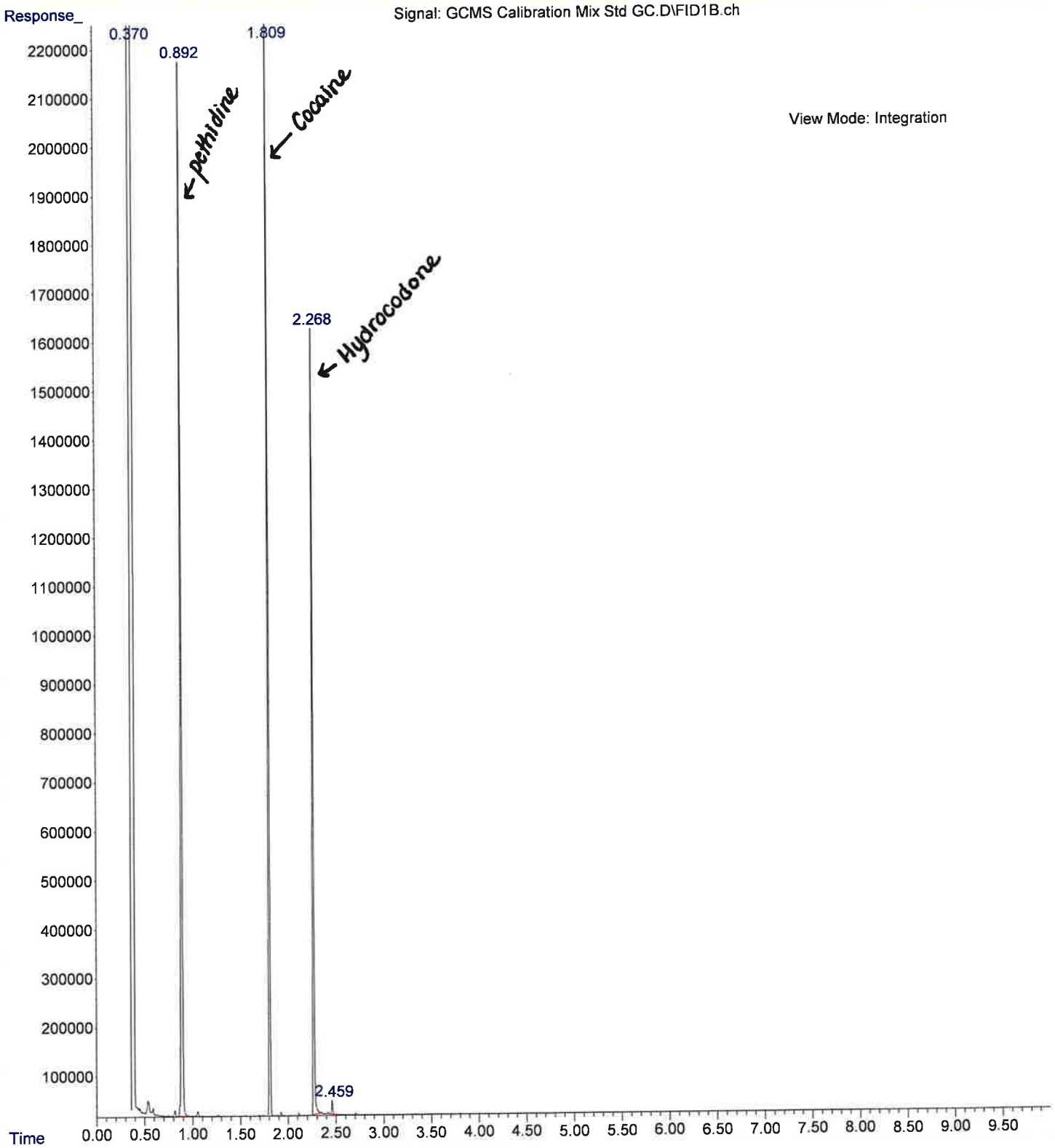


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NCSD

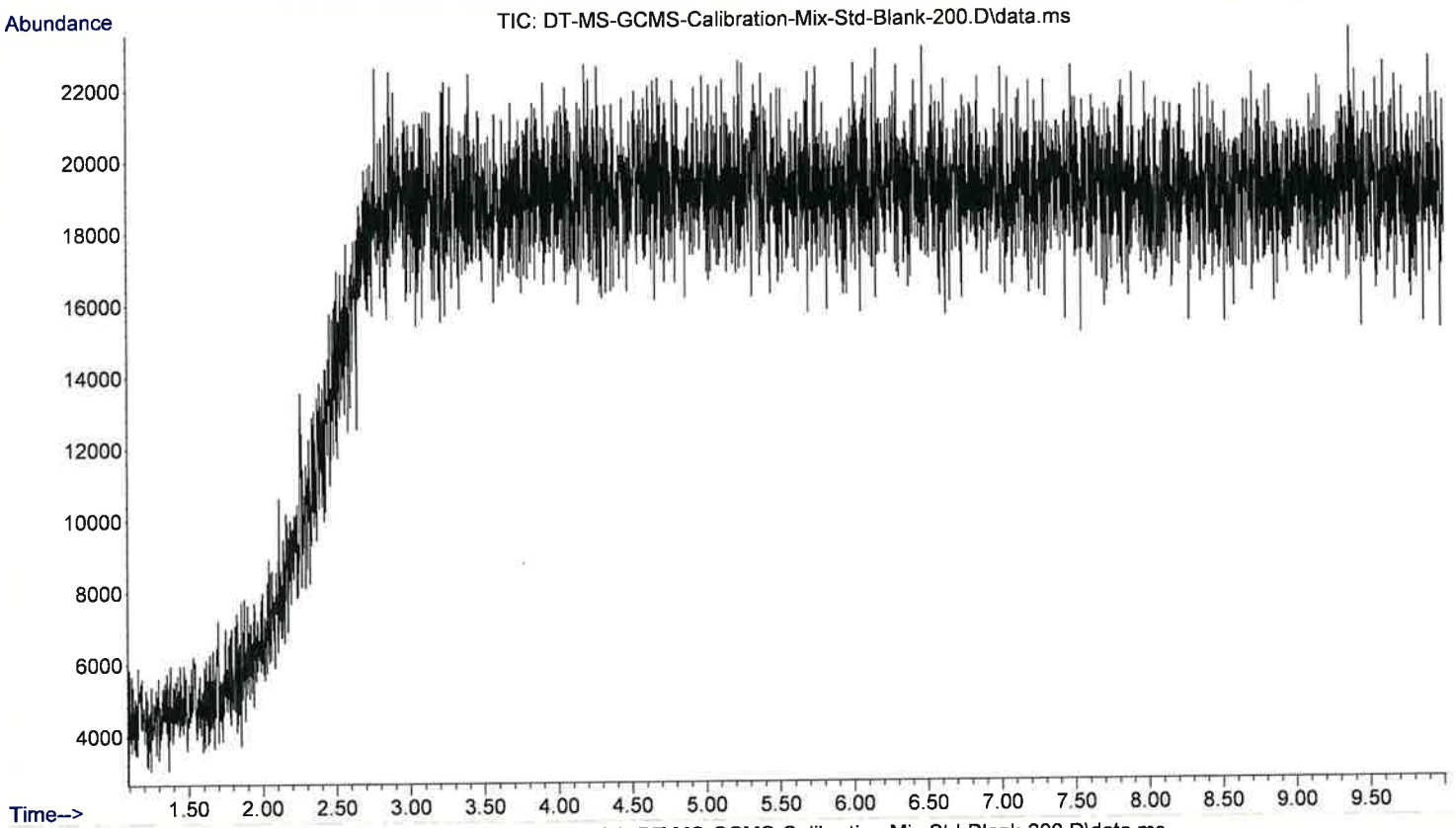


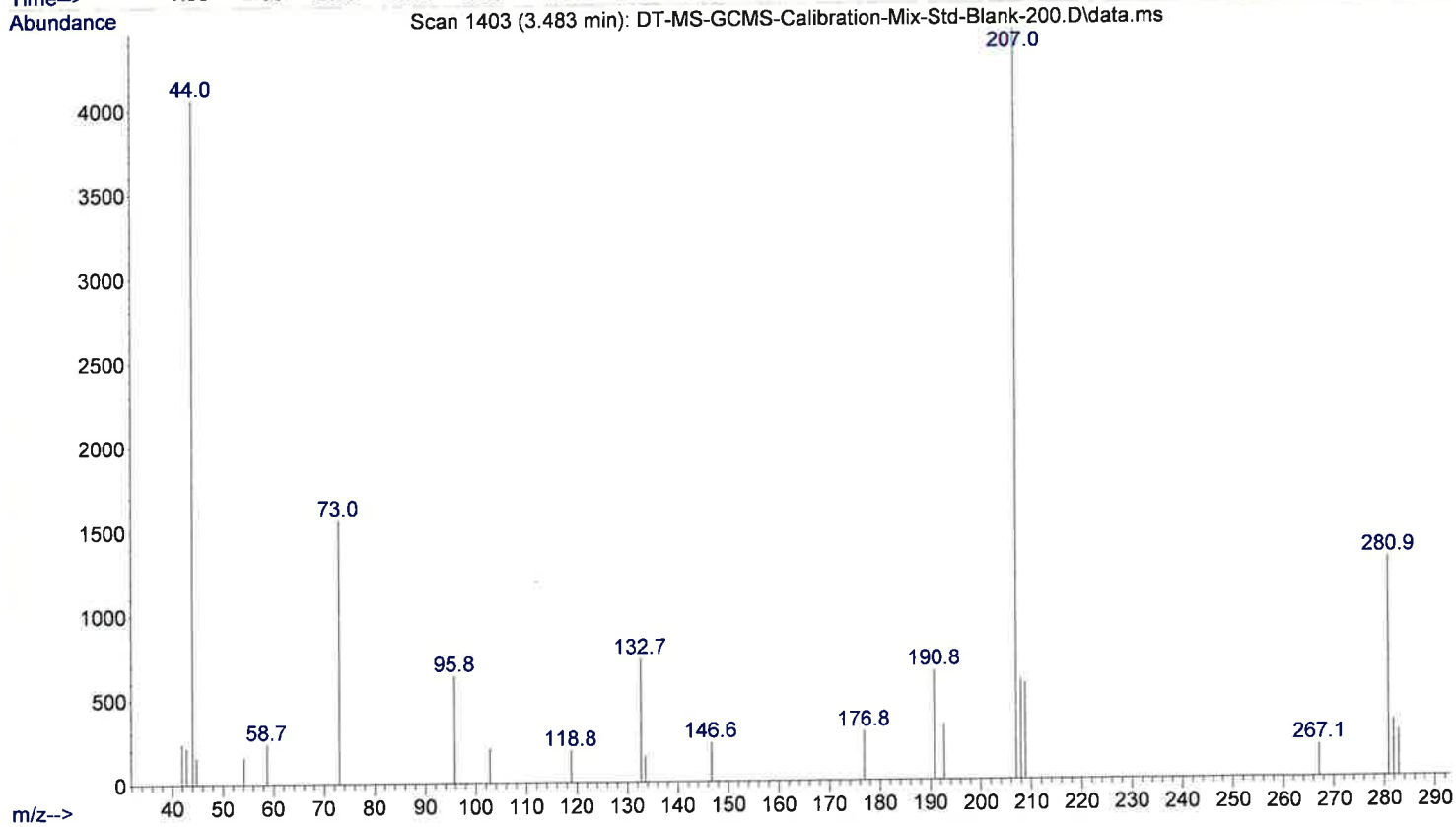
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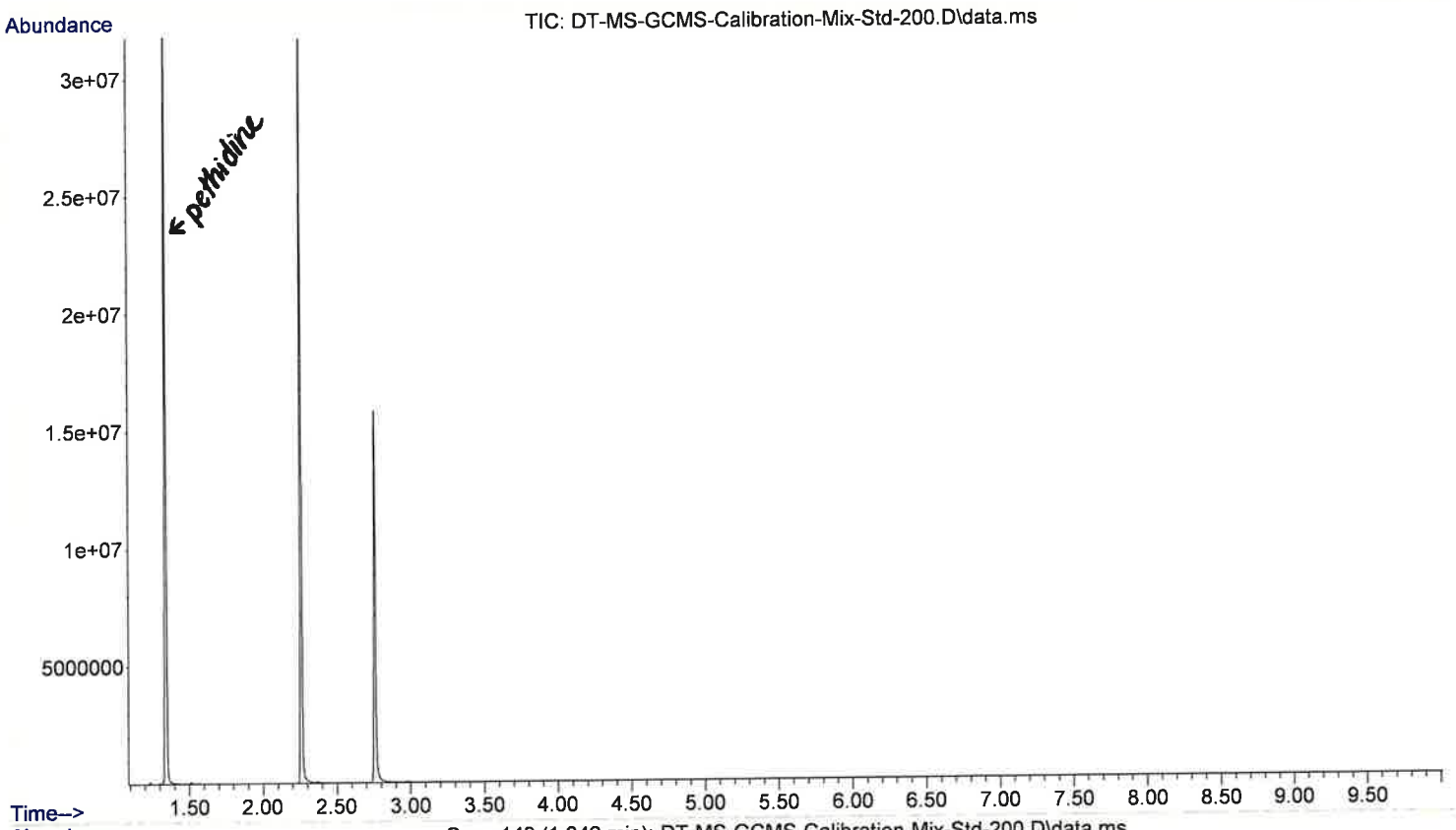
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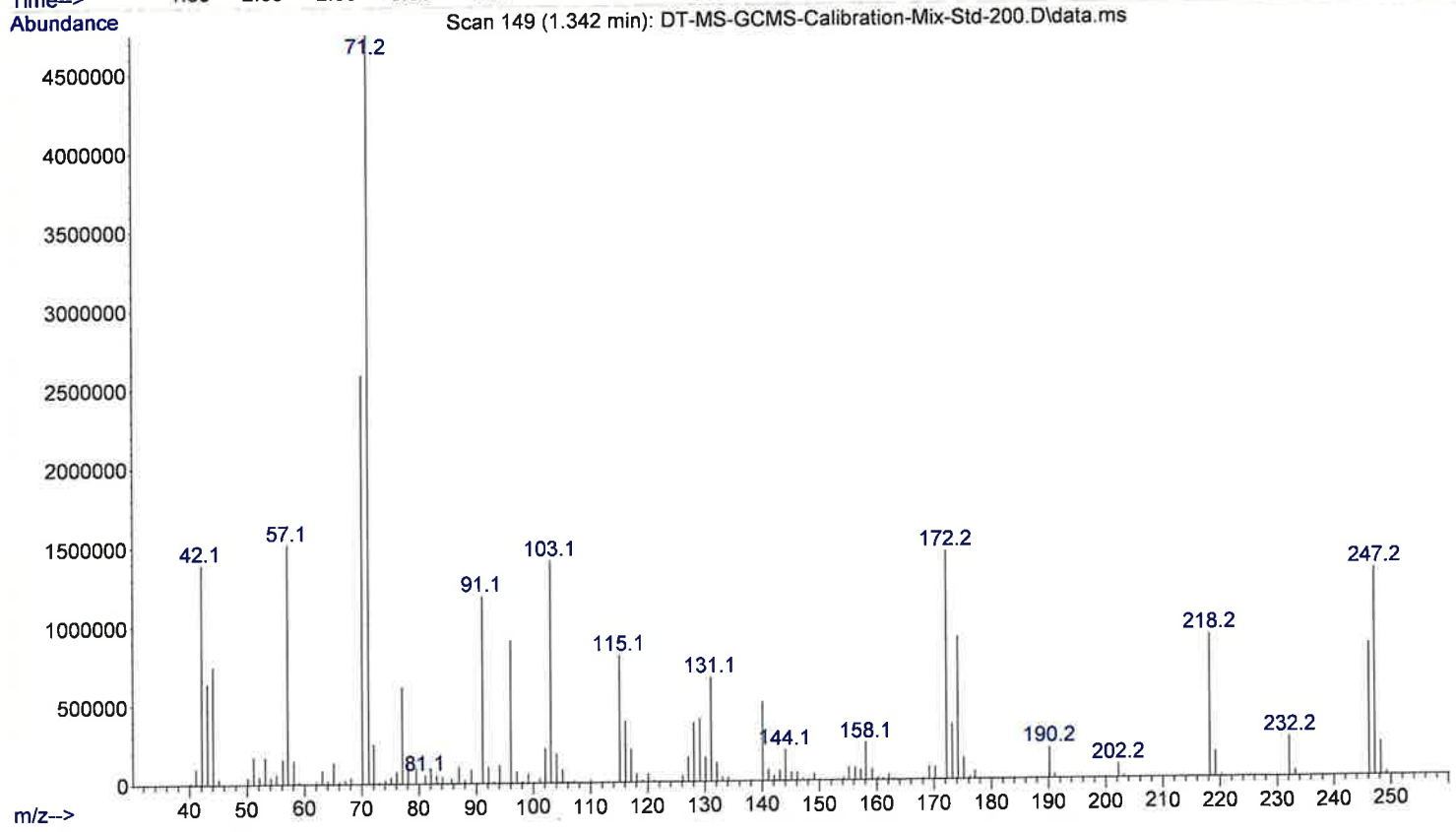
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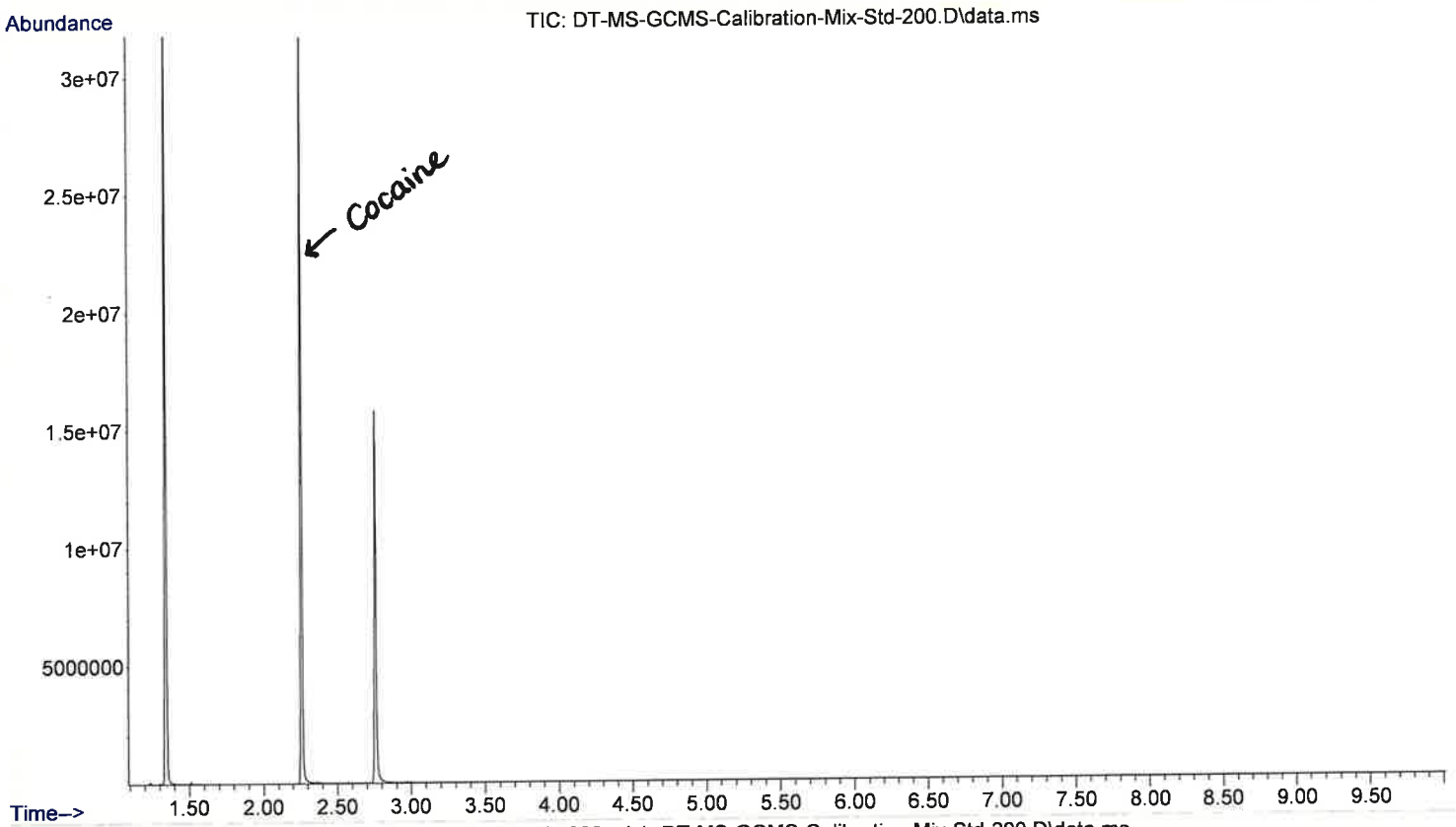


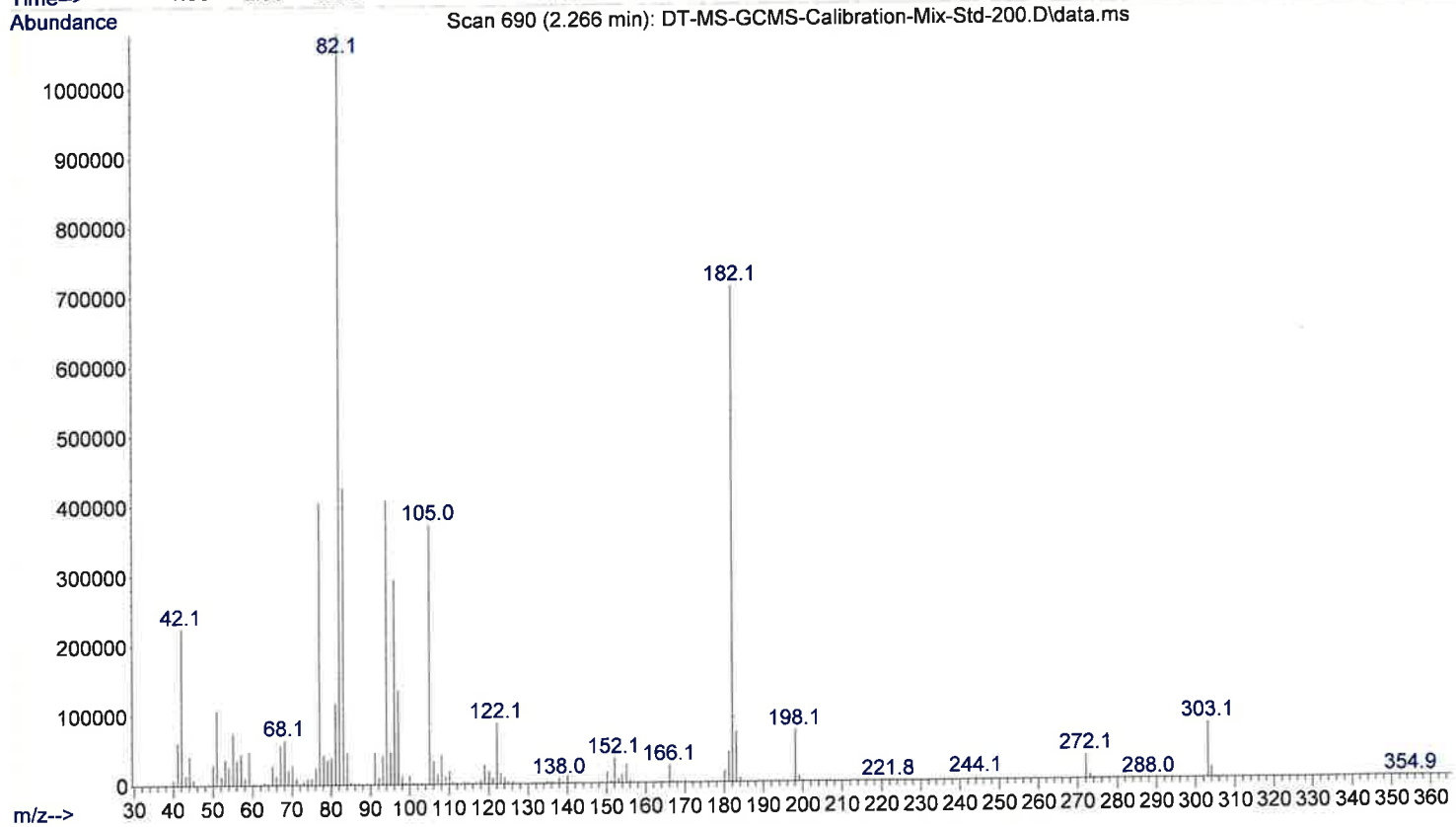
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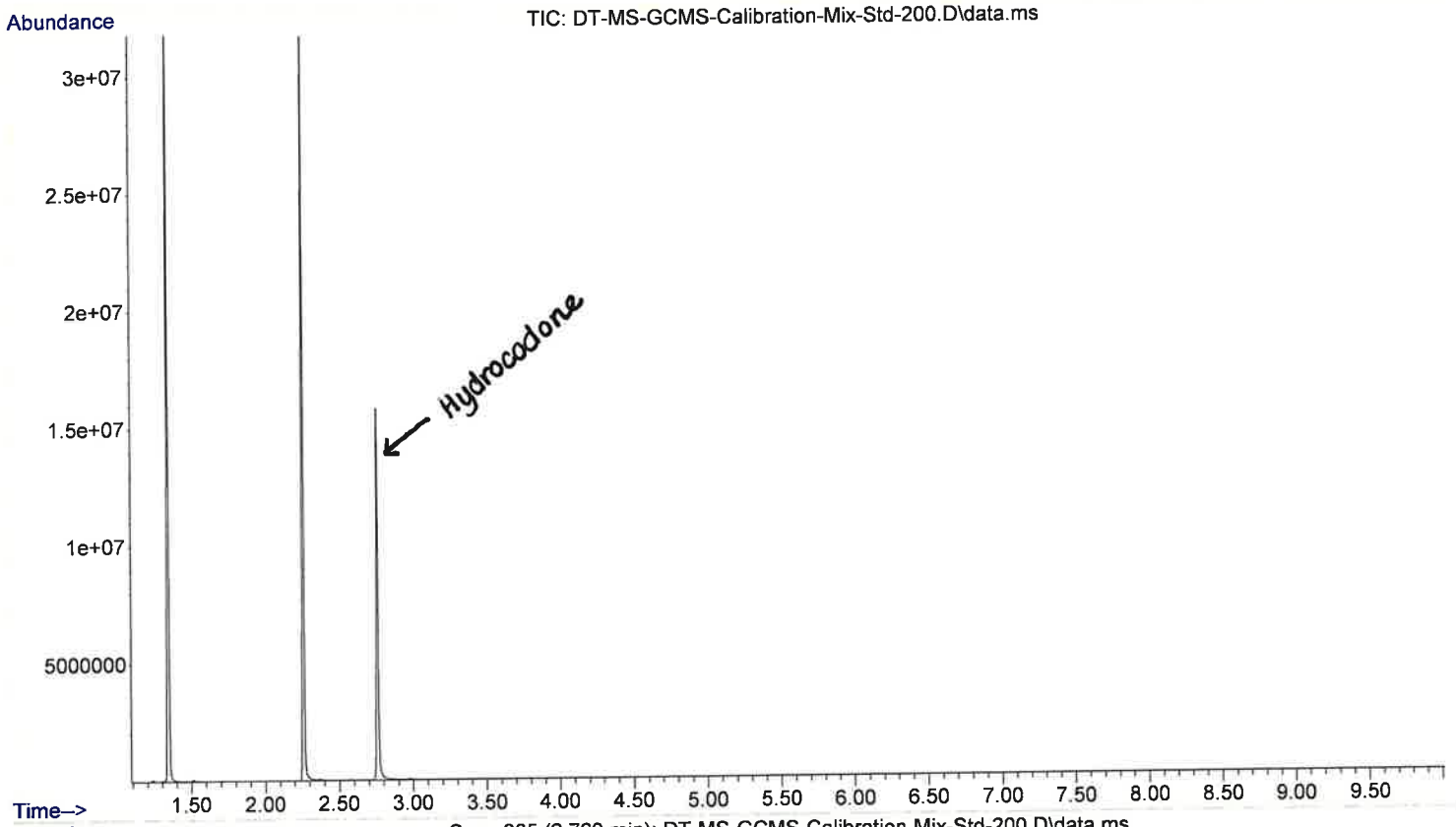


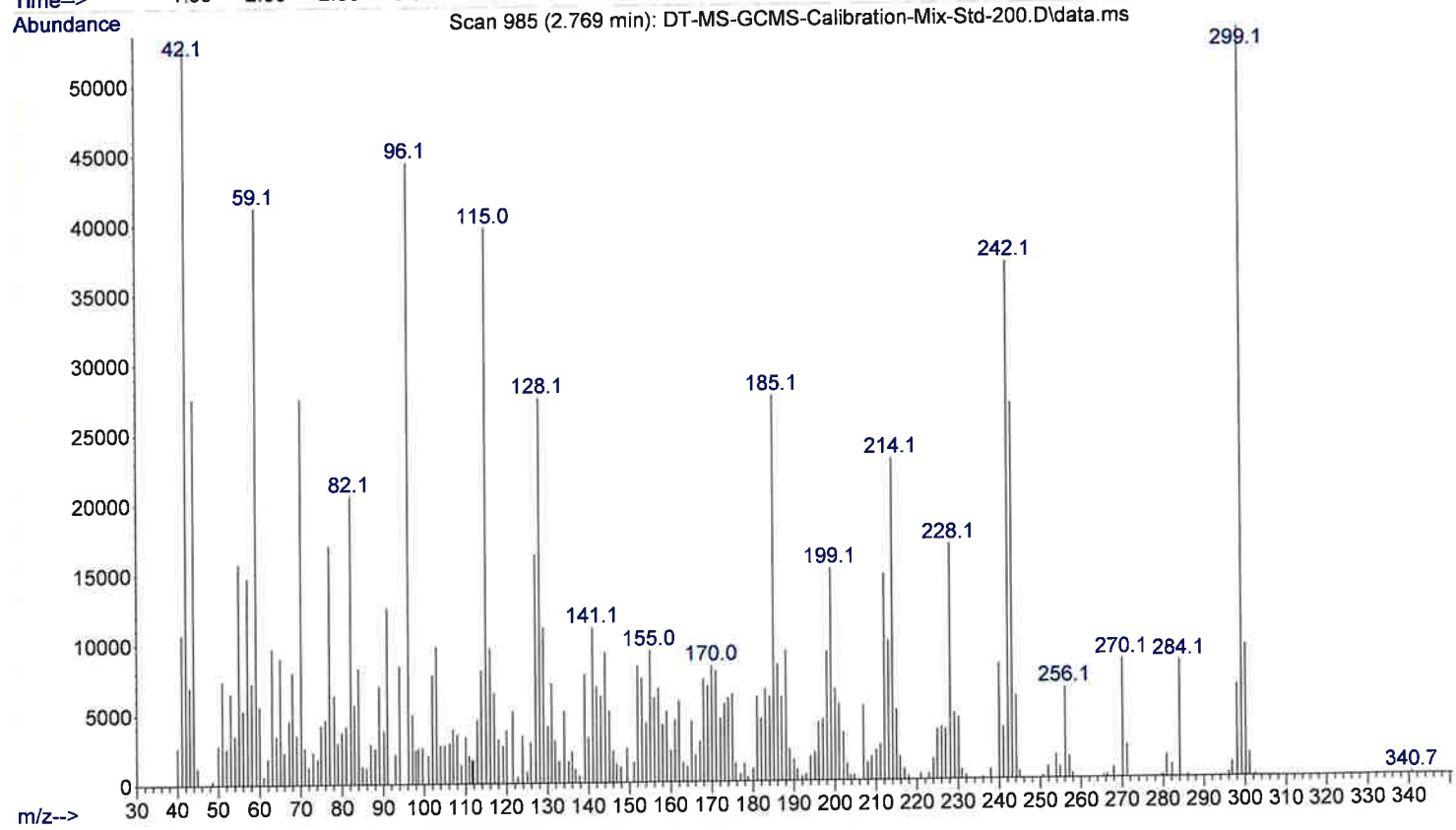
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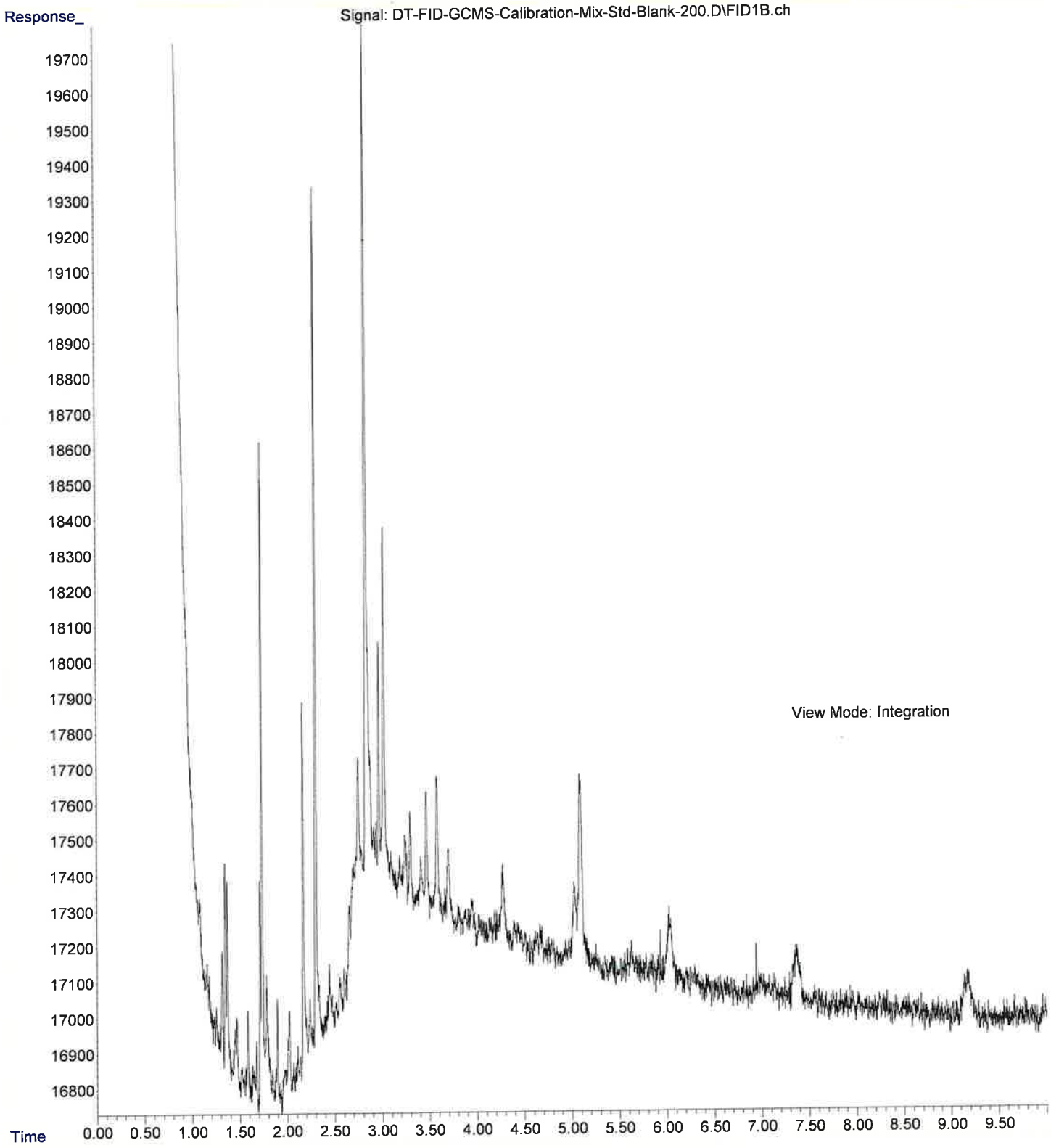
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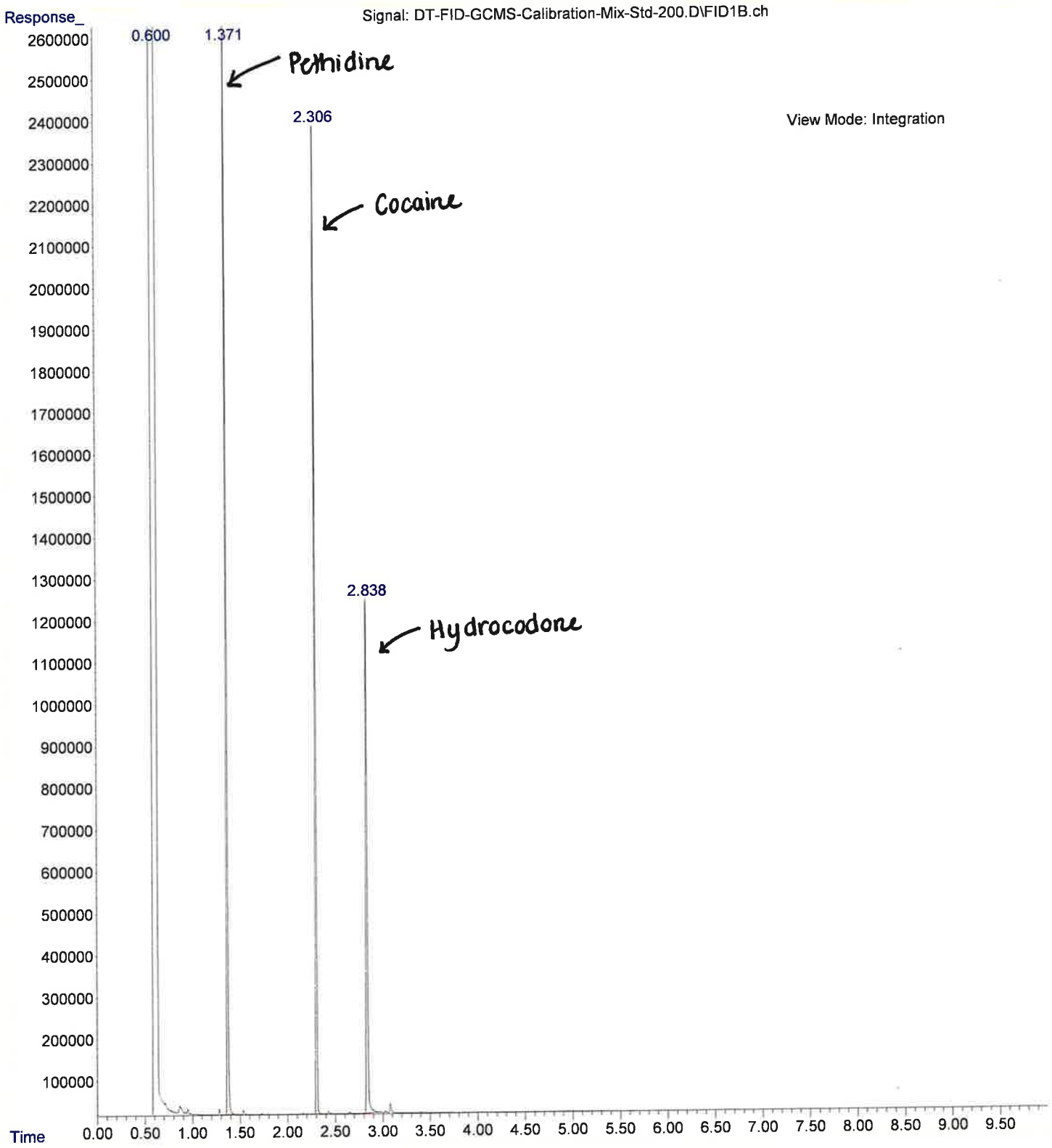


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Sample Name: GCMS Calibration Mix Std Blank
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NC9D

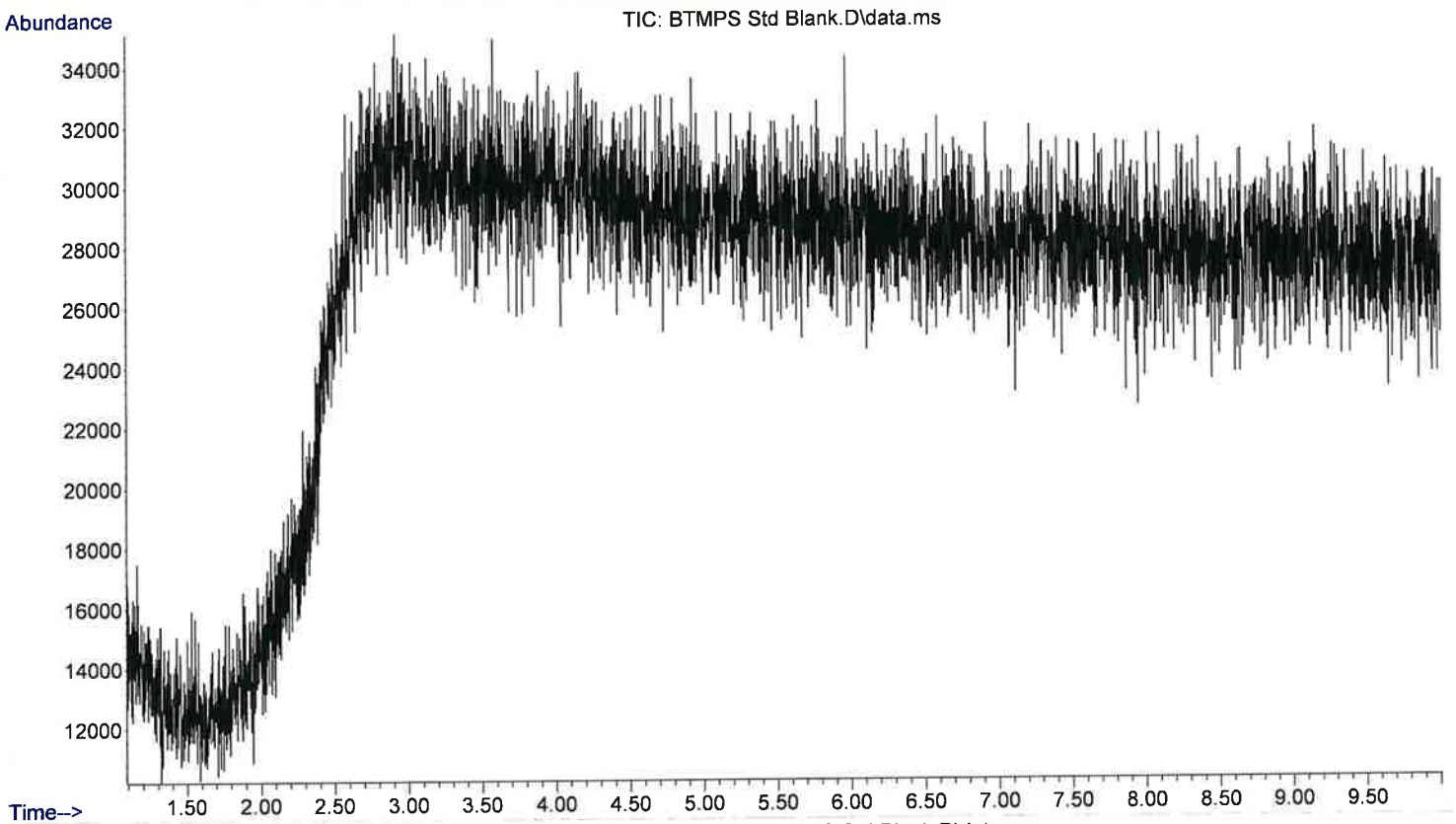


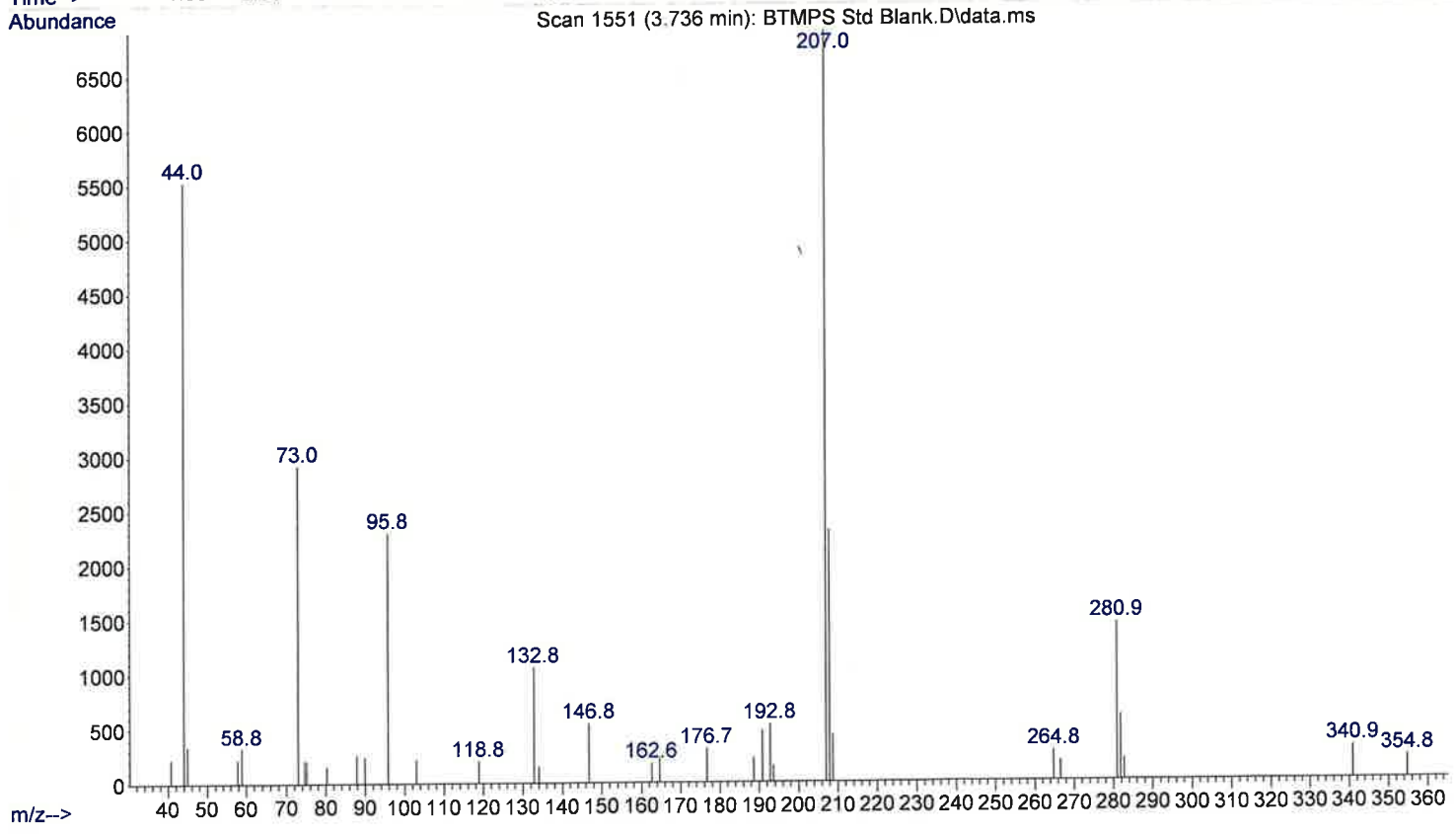
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Misc Info  : Meoh,Exp 09-18-25
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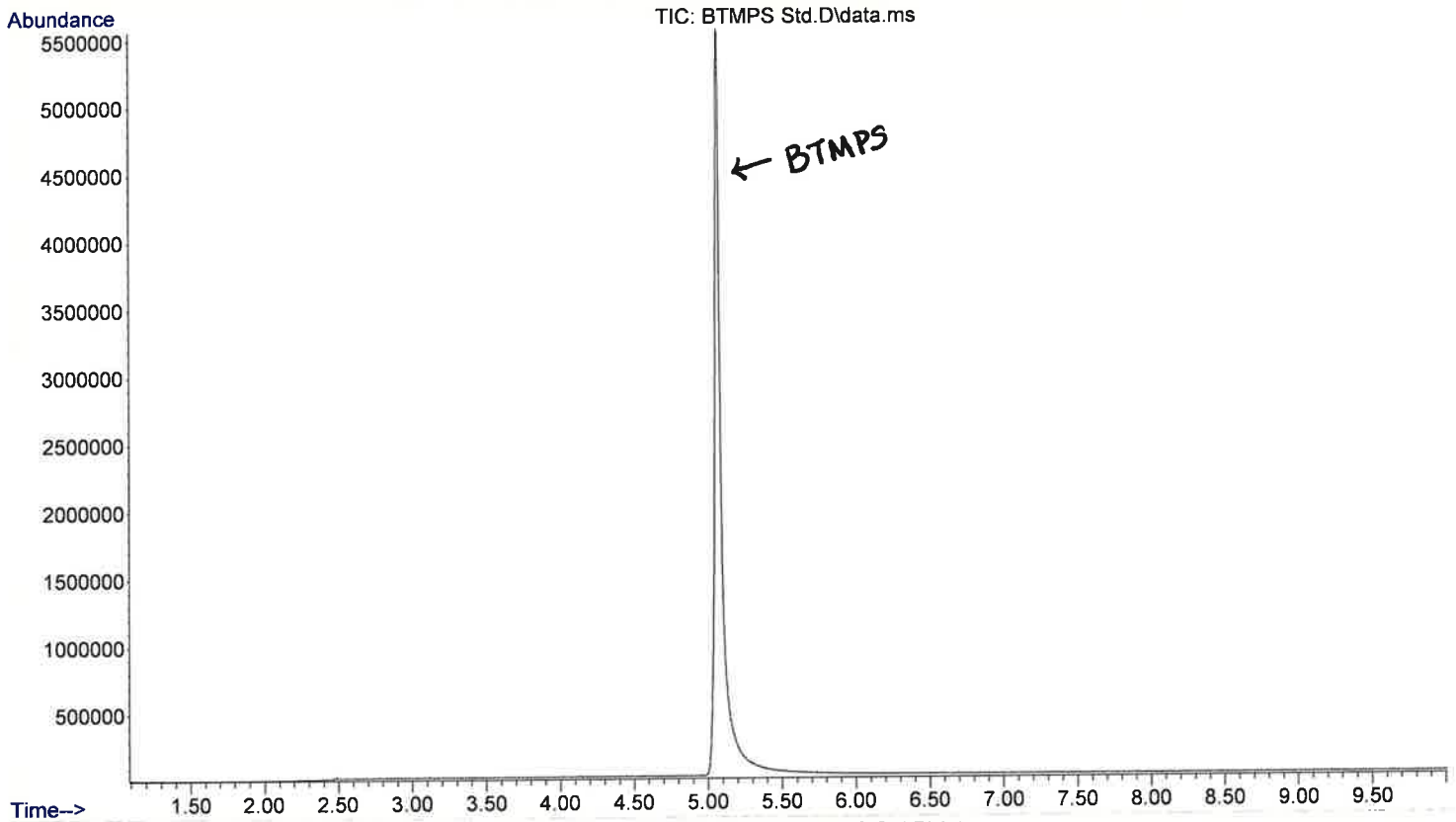
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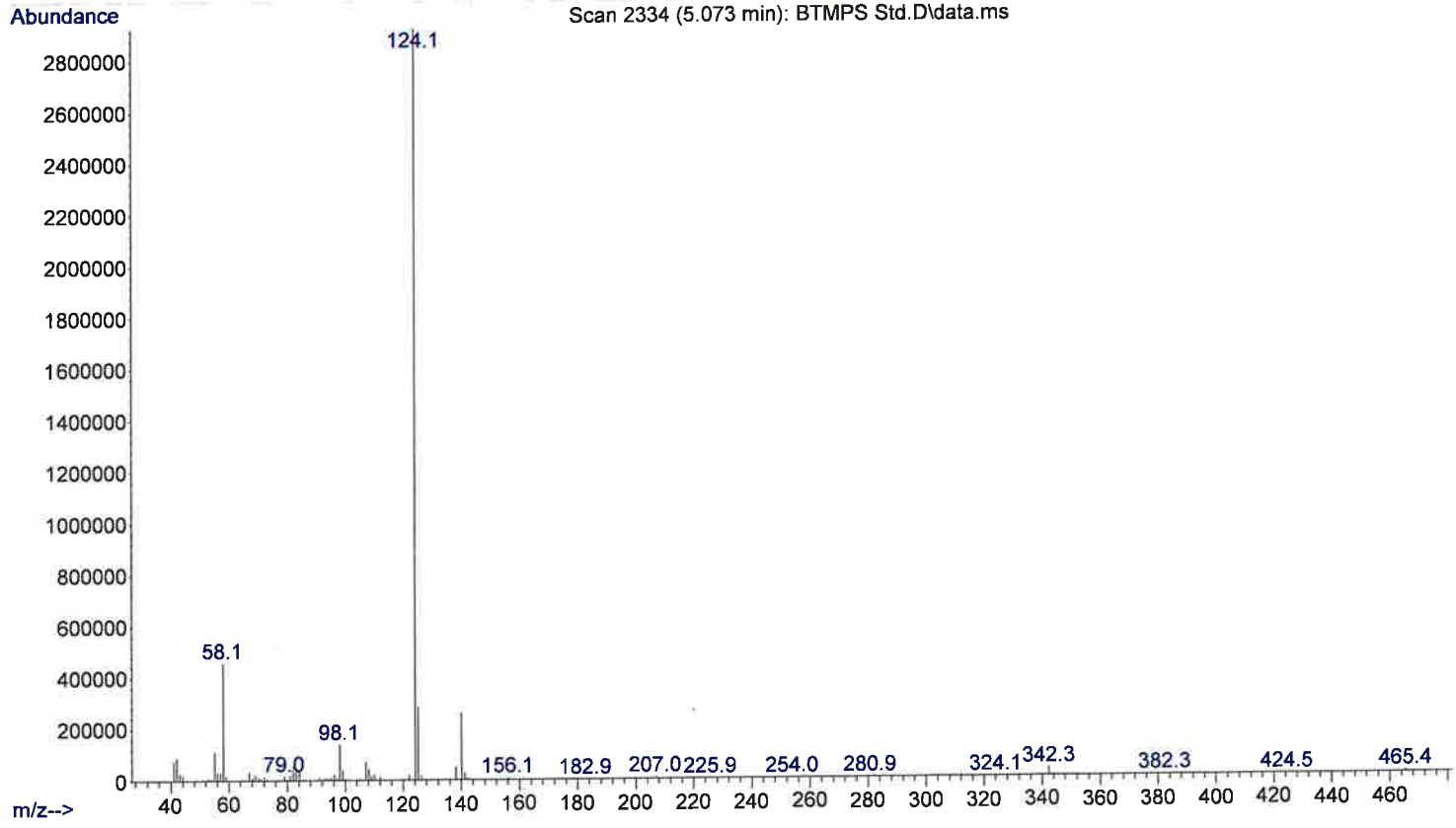
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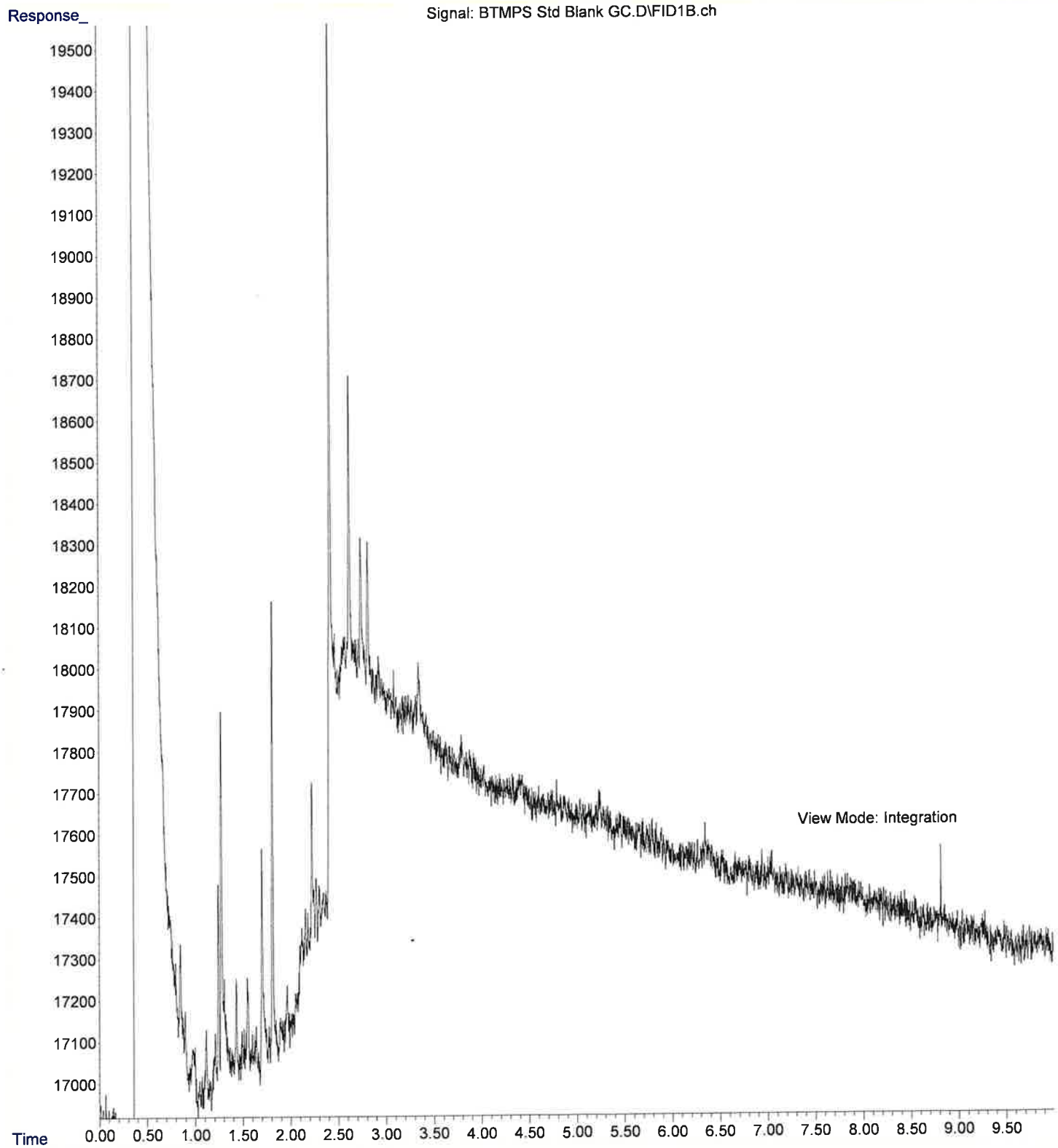
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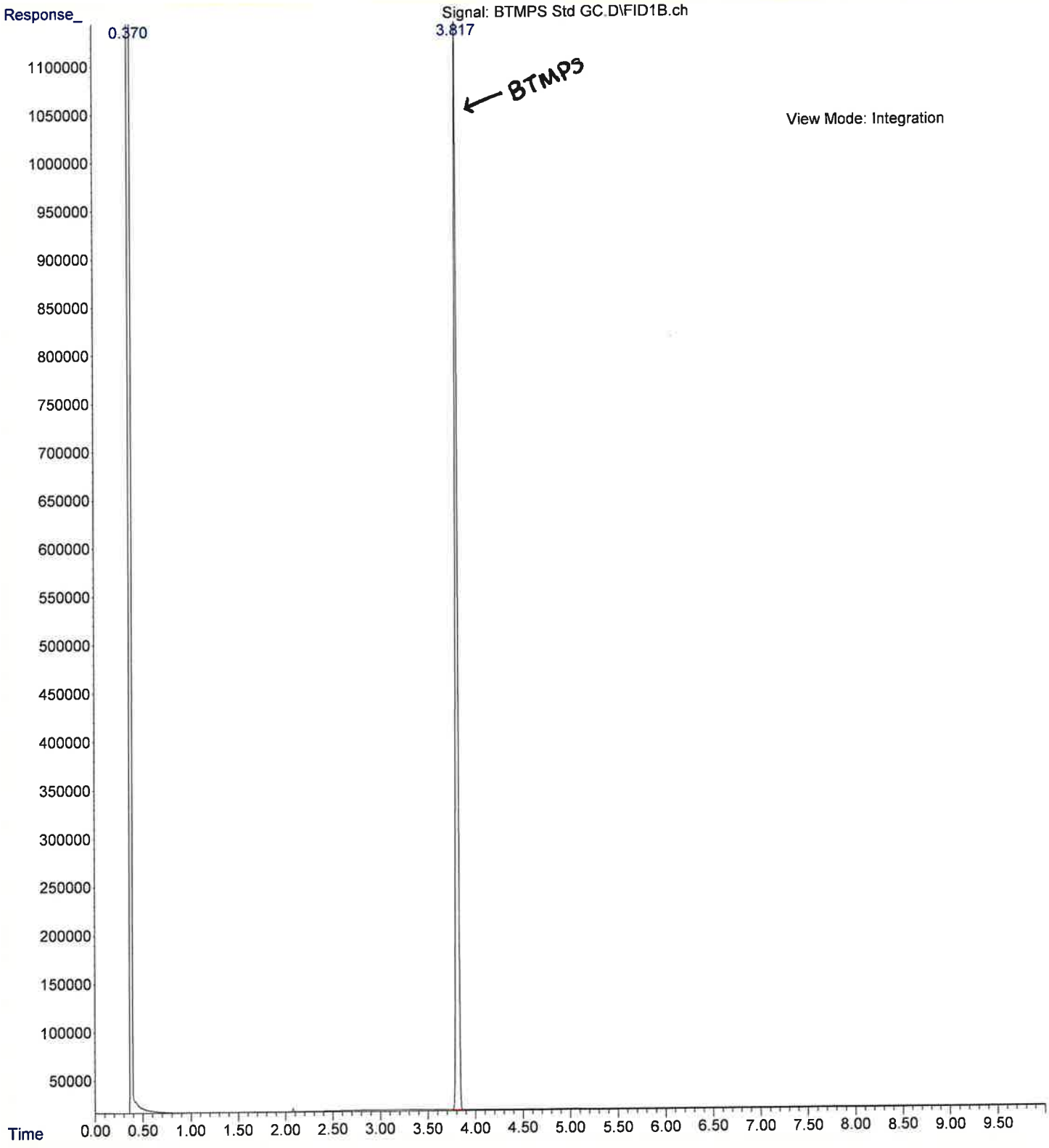


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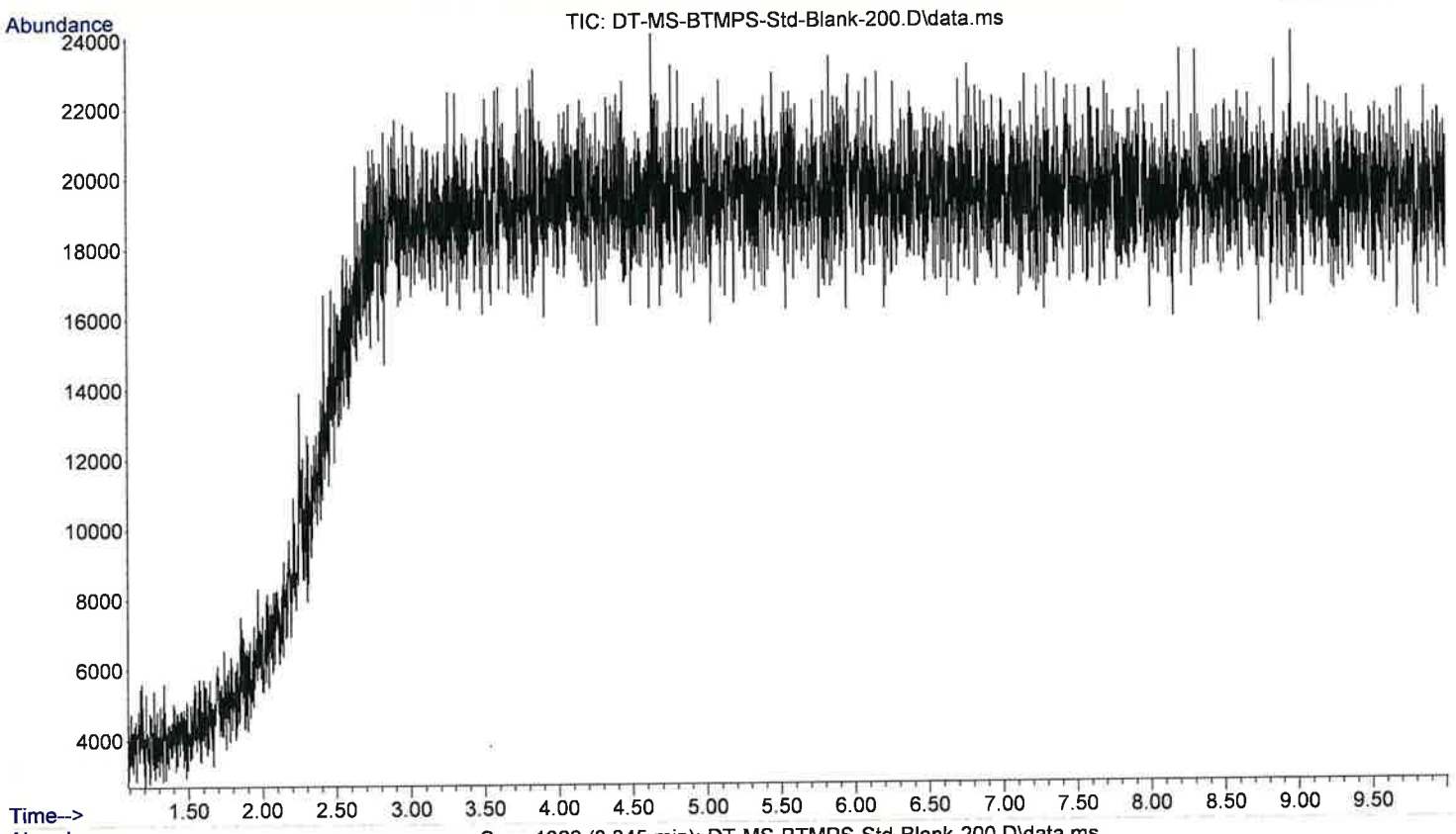


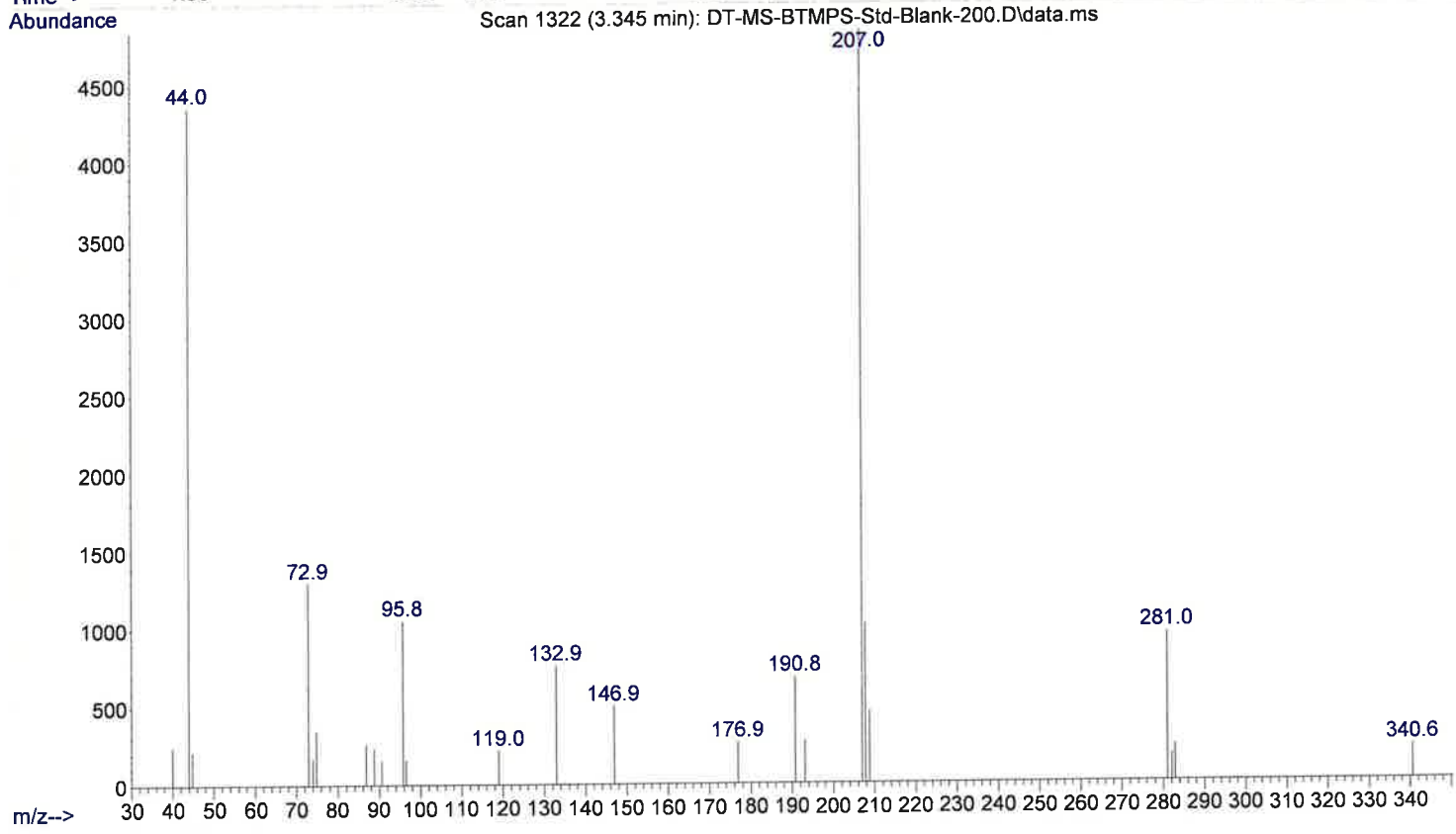
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...         alidation\03-10-25\BTMPS Std GC.D
Operator   : IS
Instrument :   Quincy
Acquired   : 10 Mar 2025  11:02     using AcqMethod ASGC200.M
Sample Name: BTMPS Std GC
Misc Info  : Acetonitrile,CaymanChem,Lot0721850-7,Exp12-19-25
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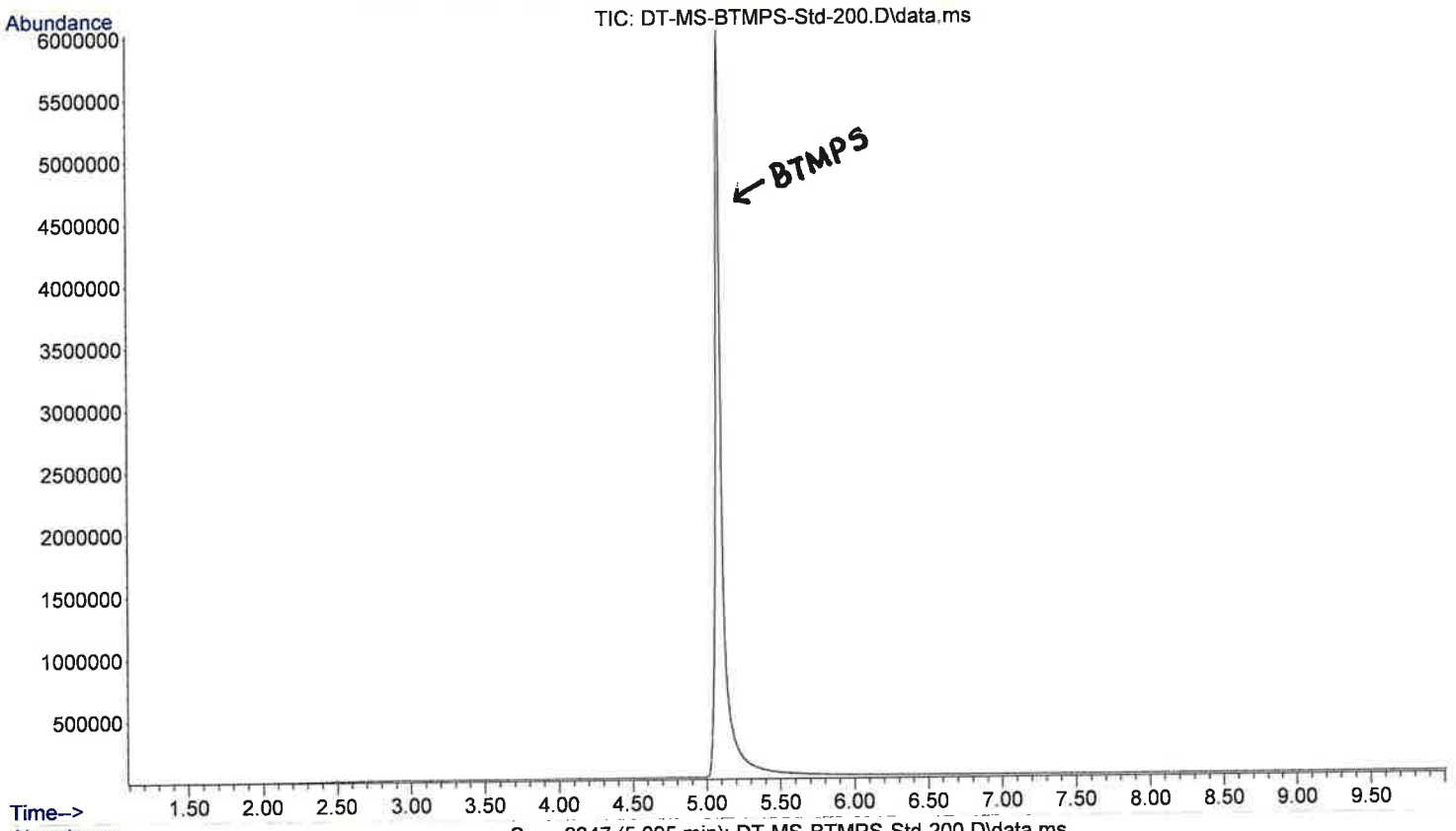
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Operator   : IS
Instrument :    Quincy
Acquired   : 11 Mar 2025  15:51     using AcqMethod DTDRUGS200.M
Sample Name: BTMPS Std Blank
Misc Info  : Meoh
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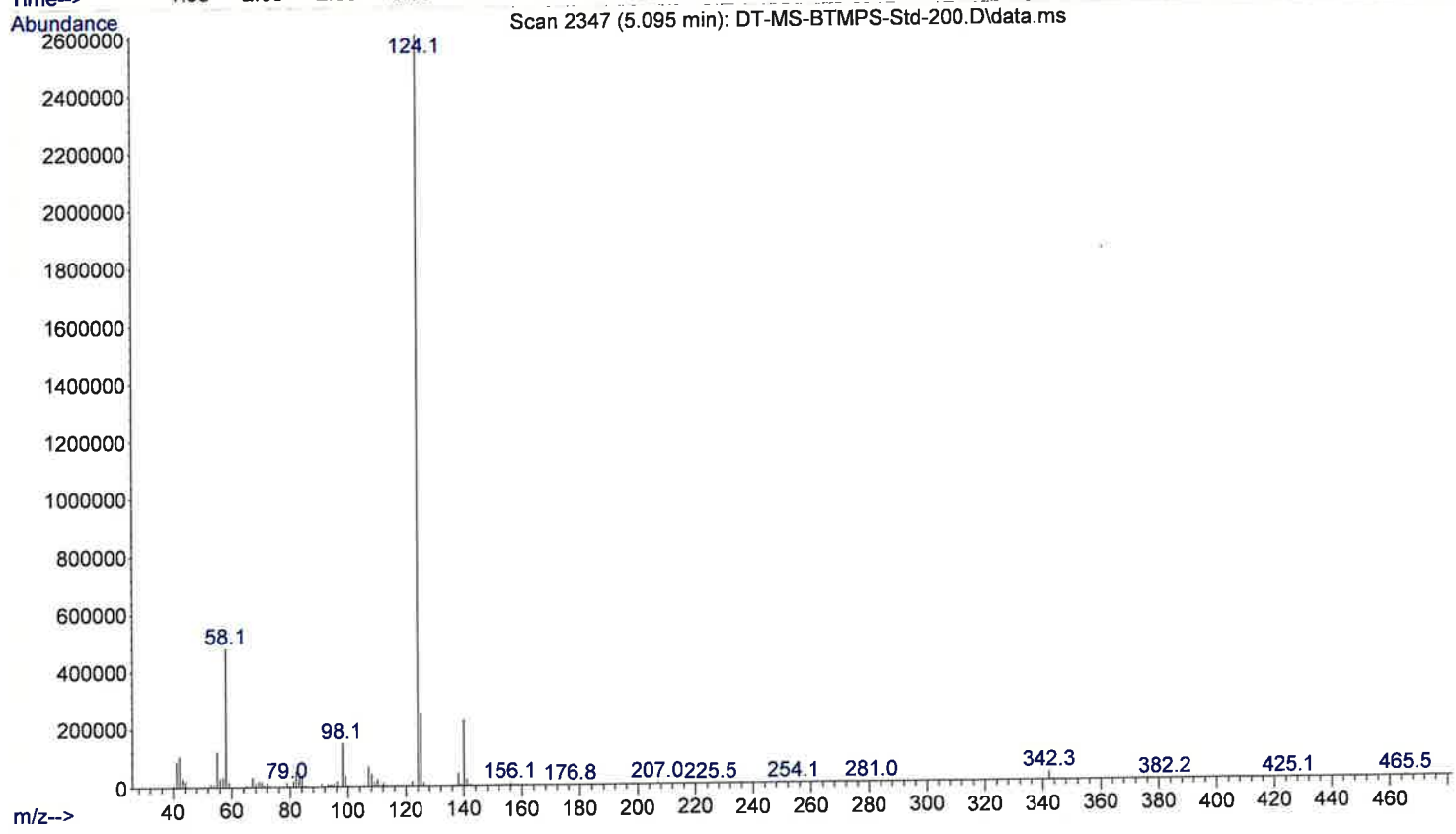
NCSD





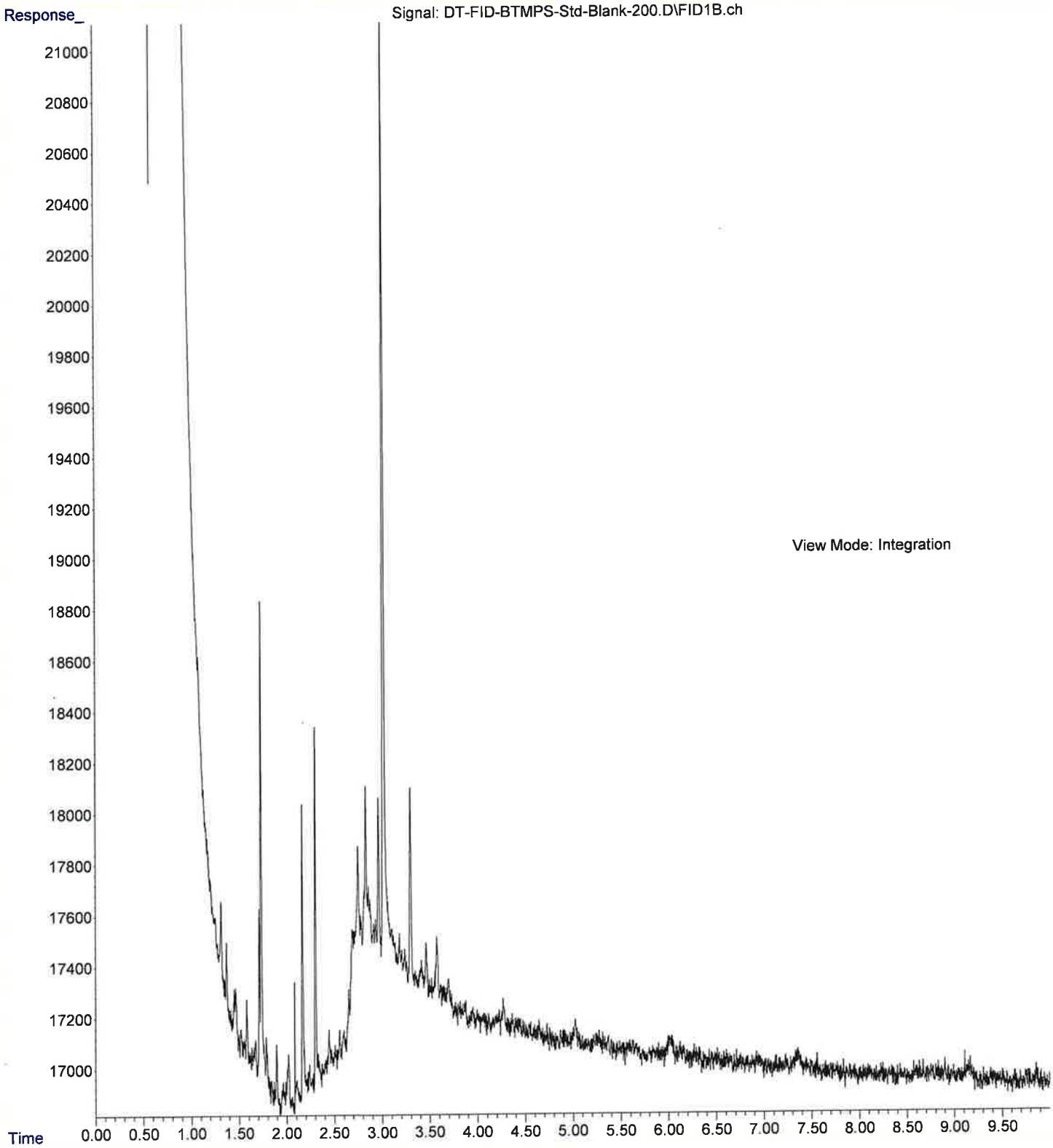
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Operator : IS
Instrument : Quincy
Acquired : 11 Mar 2025 16:04 using AcqMethod DTDRUGS200.M
Sample Name: BTMPS Std
Misc Info : Acetonitrile,CaymanChem,Lot0721850-7,Exp12-19-25



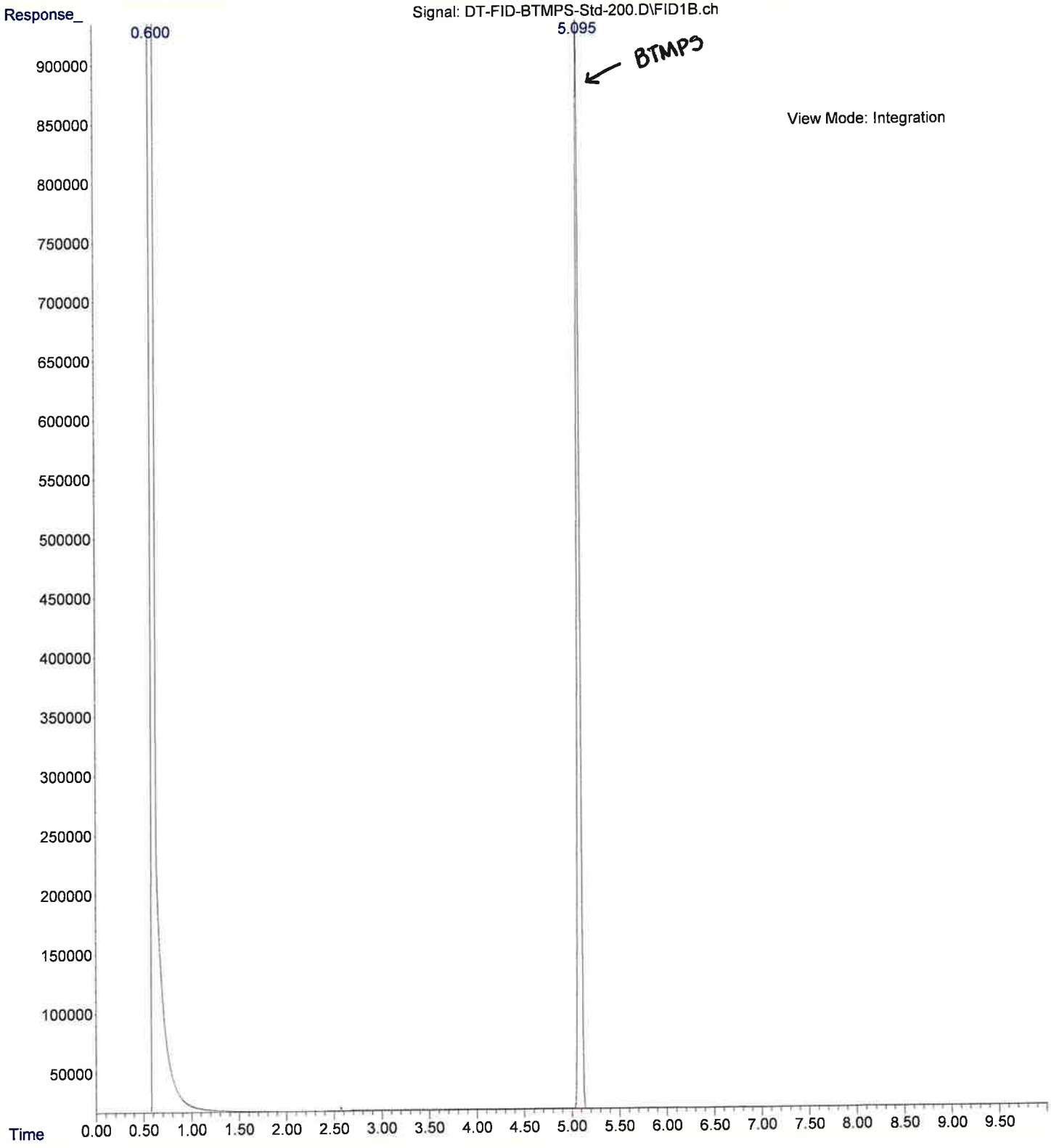


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Instrument : Quincy
Acquired : 11 Mar 2025 15:51 using AcqMethod DTDRUGS200.M
Sample Name: BTMPS Std Blank
Misc Info : Meoh

NCSD



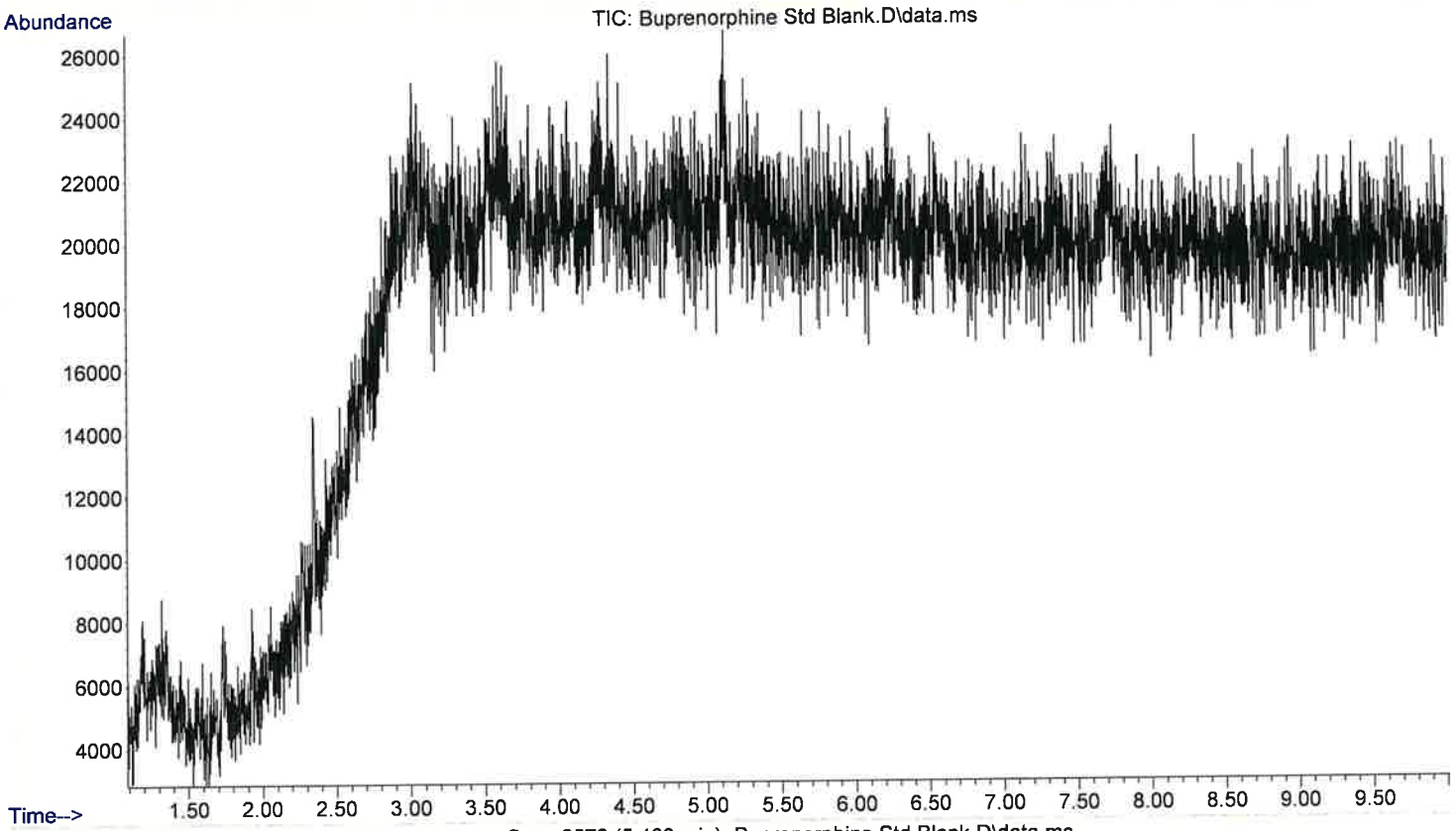
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Operator   : IS
Instrument :   Quincy
Acquired   : 11 Mar 2025  16:04     using AcqMethod DTDRUGS200.M
Sample Name: BTMPS Std
Misc Info  : Acetonitrile,CaymanChem,Lot0721850-7,Exp12-19-25
```

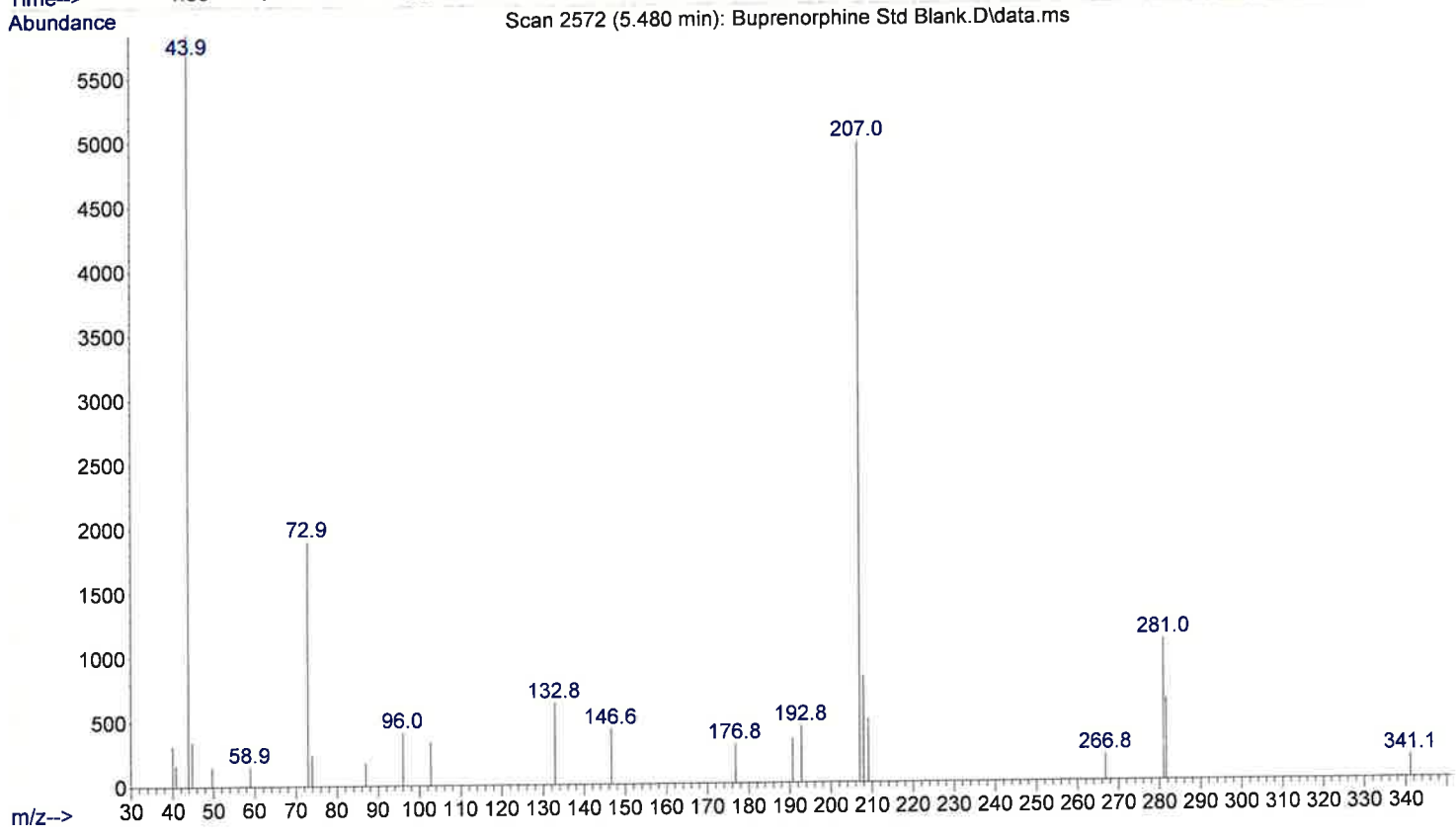


pg. 6&4

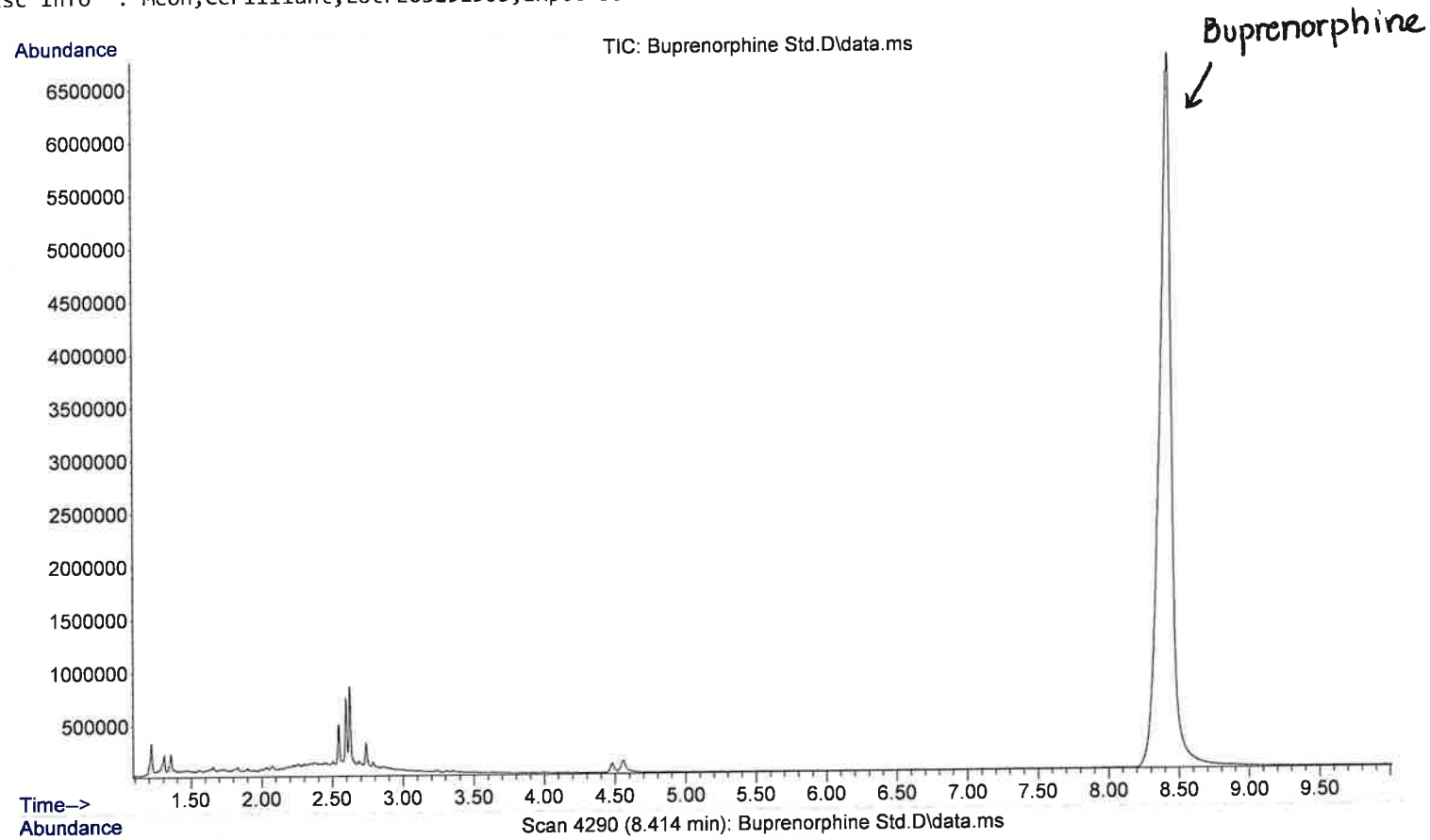
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... alidation\03-31-25\Buprenorphine Std Blank.D
Operator : IS
Instrument : Quincy
Acquired : 31 Mar 2025 10:21 using AcqMethod ASMSDRUGS200.M
Sample Name: Buprenorphine Std Blank
Misc Info : Meoh

NCSD



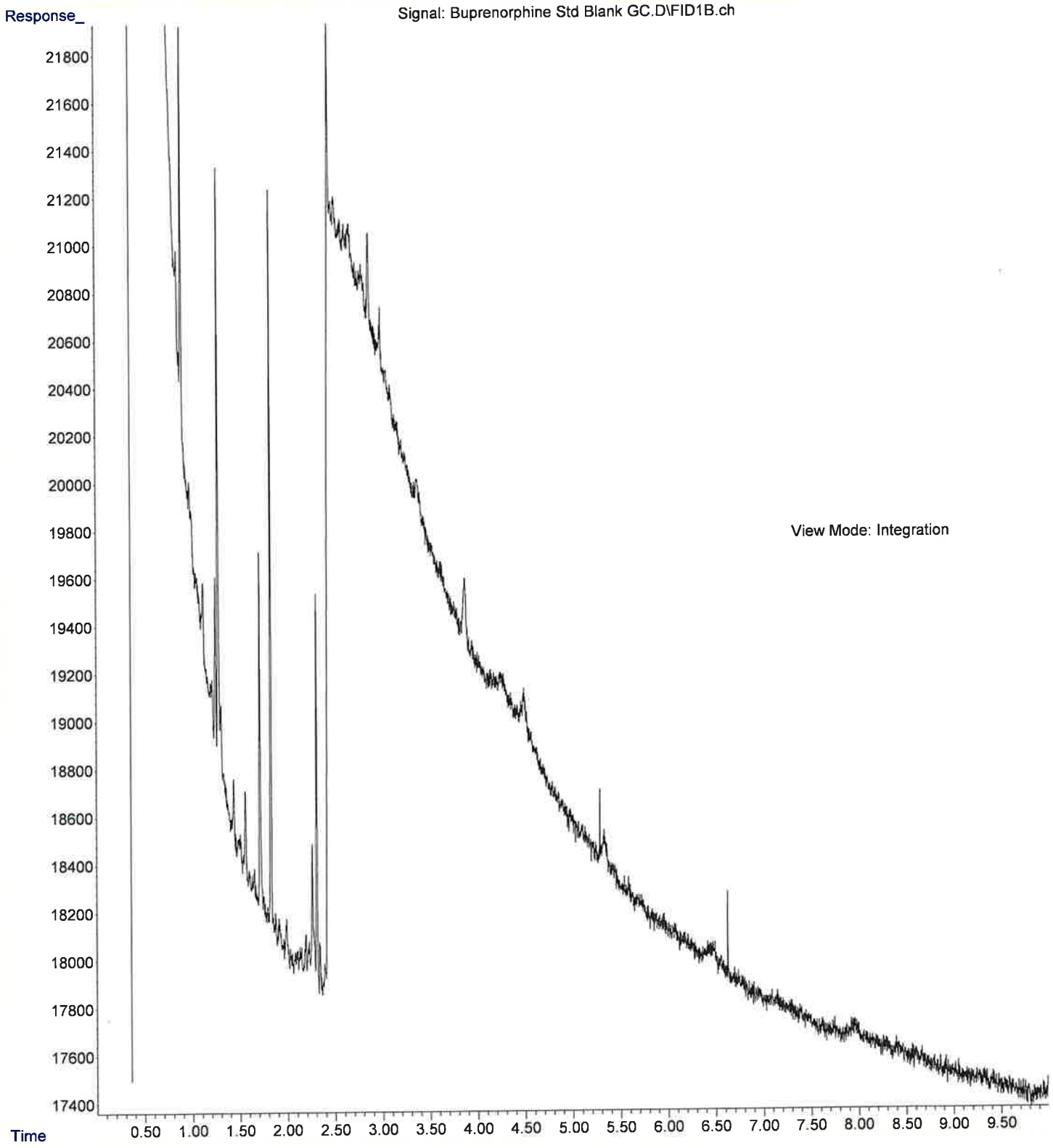


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... alidation\03-31-25\Buprenorphine Std.D
Operator : IS
Instrument : Quincy
Acquired : 31 Mar 2025 10:33 using AcqMethod ASMSDRUGS200.M
Sample Name: Buprenorphine Std
Misc Info : Meoh,Cerilliant,LotFE03191903,Exp06-25-25

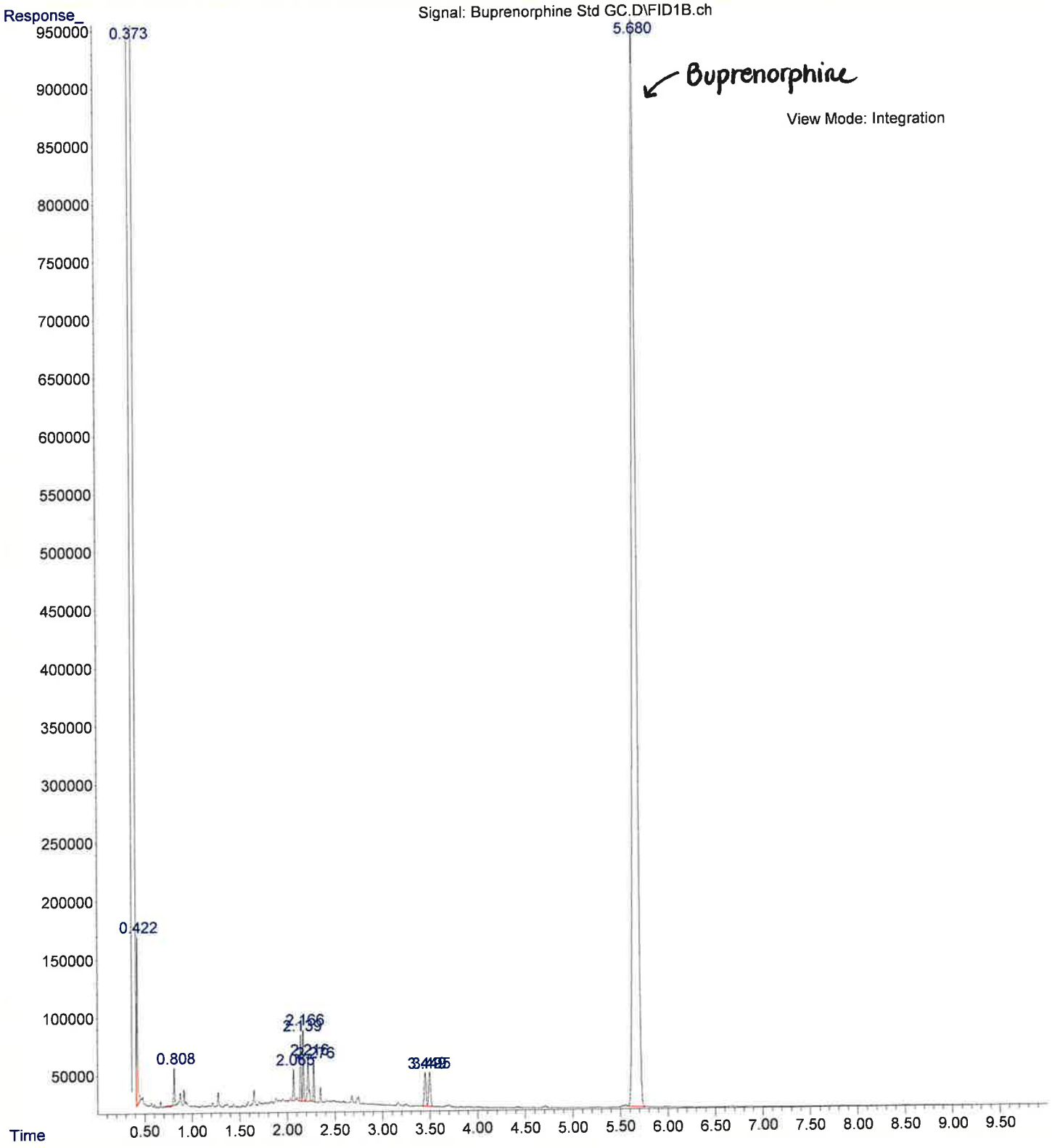


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Operator   : IS
Instrument :   Quincy
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Sample Name: Buprenorphine Std Blank GC
Misc Info  : Meoh
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NCSD



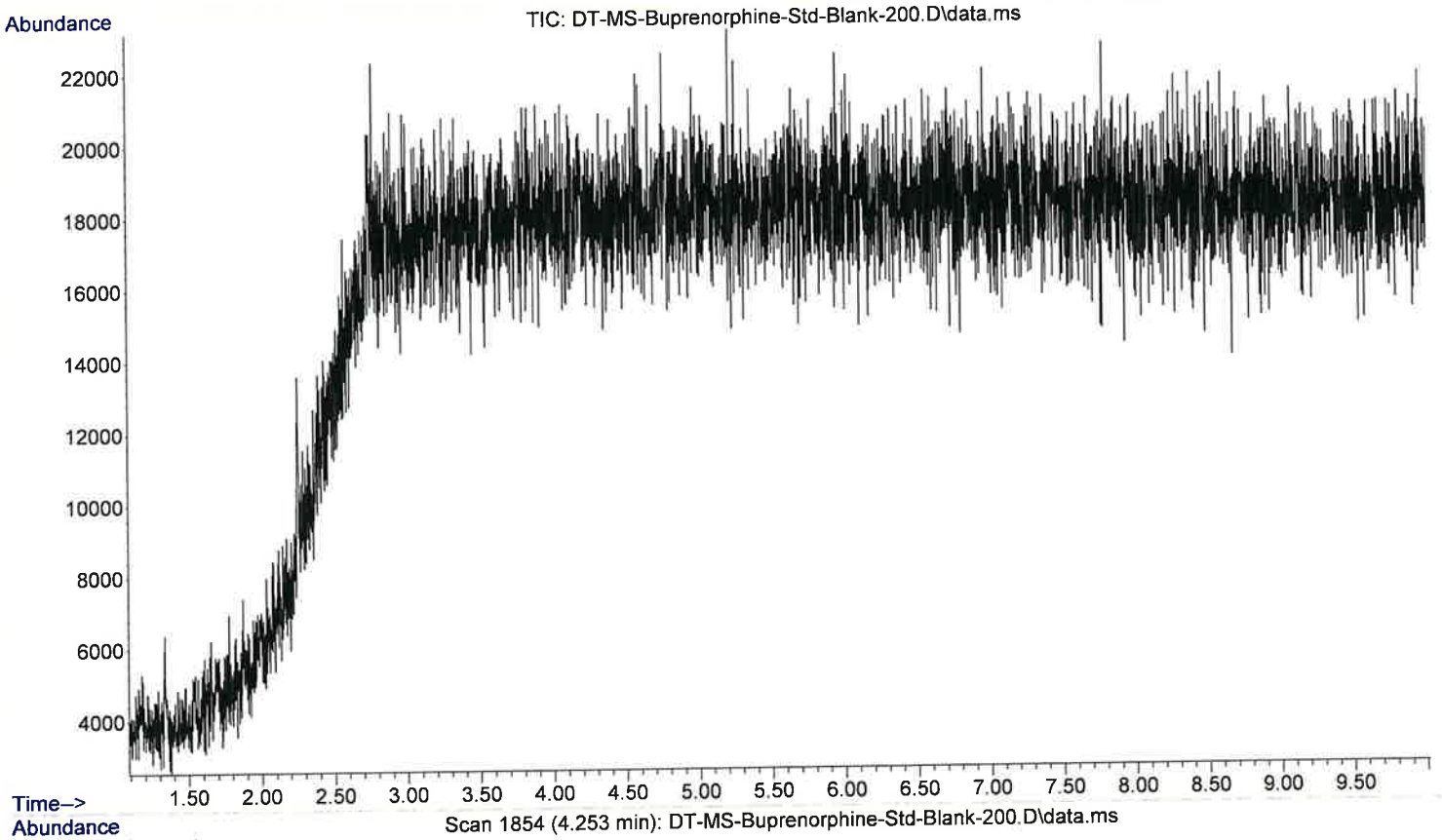
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Operator : IS
Instrument : Quincy
Acquired : 31 Mar 2025 11:39 using AcqMethod ASGC200.M
Sample Name: Buprenorphine Std GC
Misc Info : Meoh,Cerilliant,LotFE03191903,Exp06-25-25

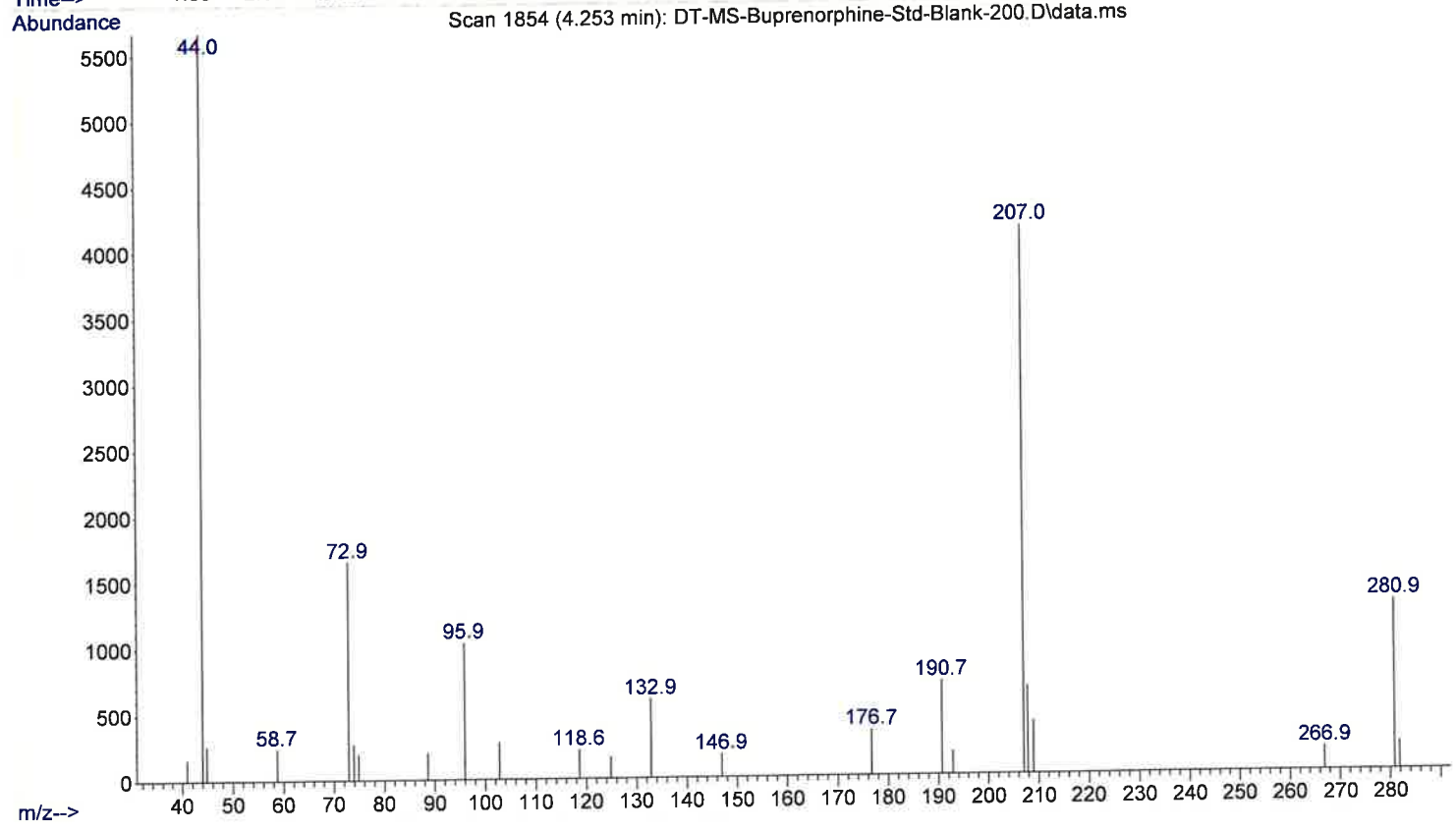


pg. alt

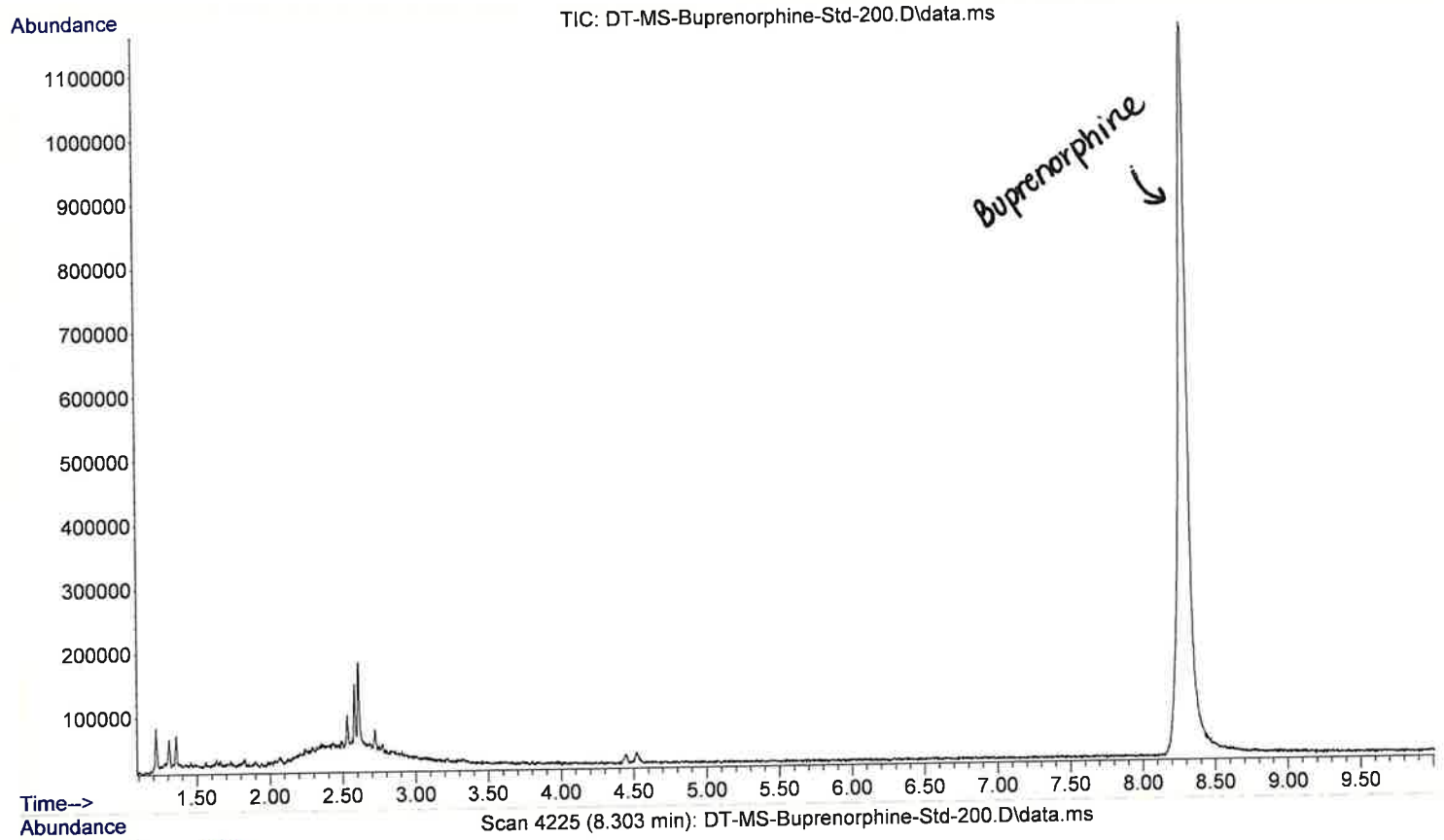
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Operator : IS
Instrument : Quincy
Acquired : 11 Mar 2025 16:42 using AcqMethod DTDRUGS200.M
Sample Name: Buprenorphine Std Blank
Misc Info : Meoh

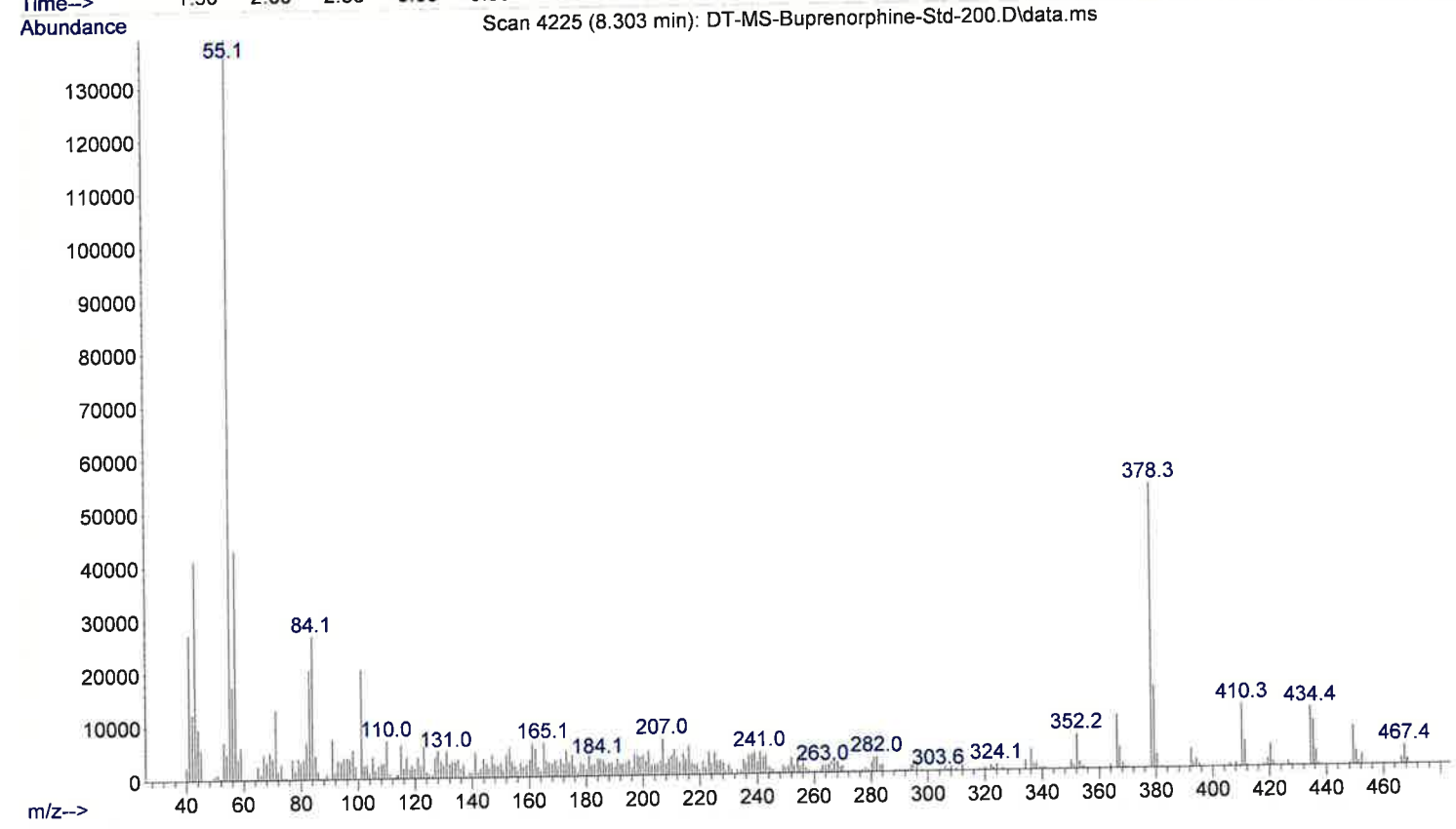
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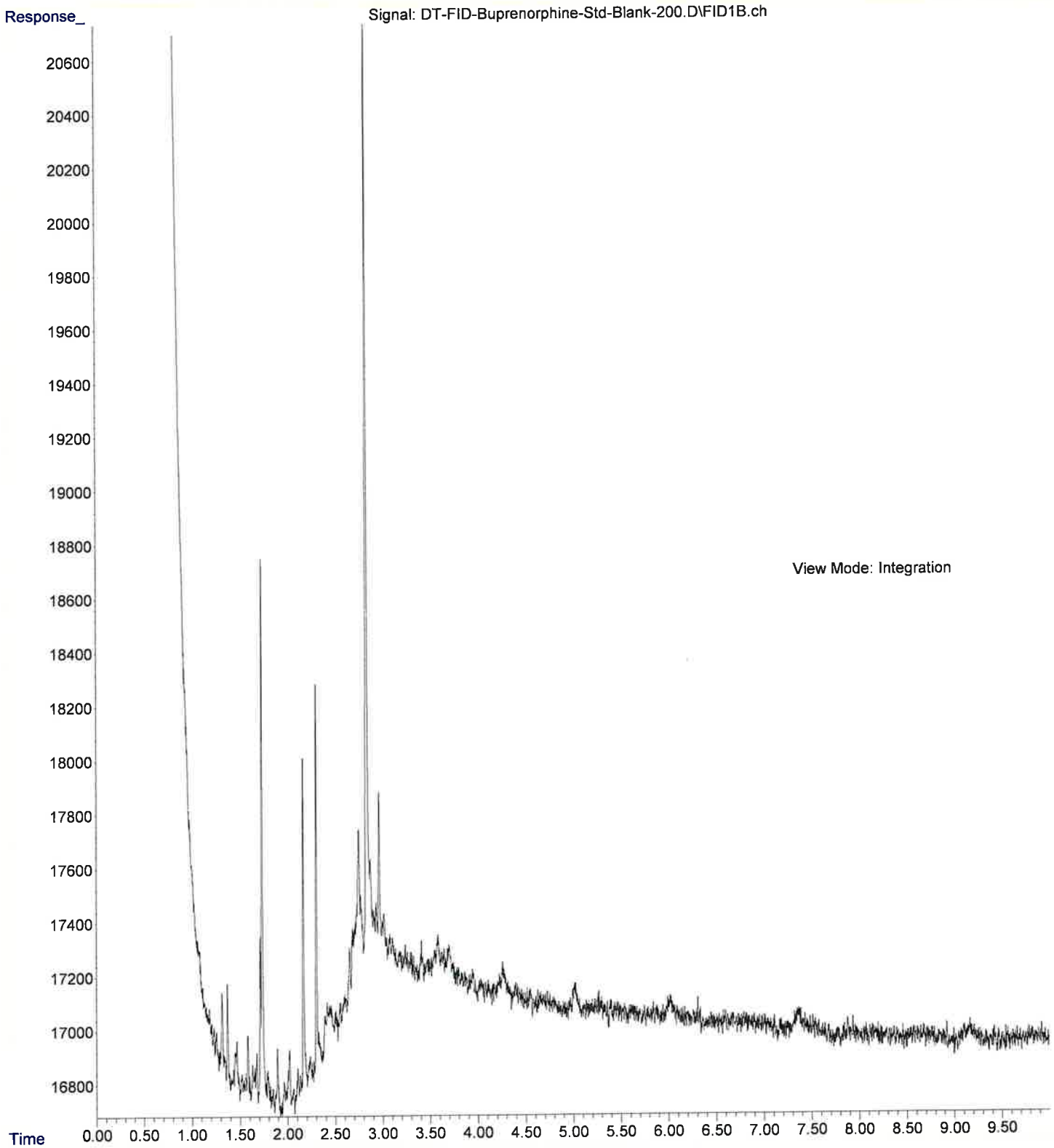
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Operator : IS
Instrument : Quincy
Acquired : 11 Mar 2025 16:54 using AcqMethod DTDRUGS200.M
Sample Name: Buprenorphine Std
Misc Info : Meoh,Cerilliant,LotFE03191903,Exp06-25-25



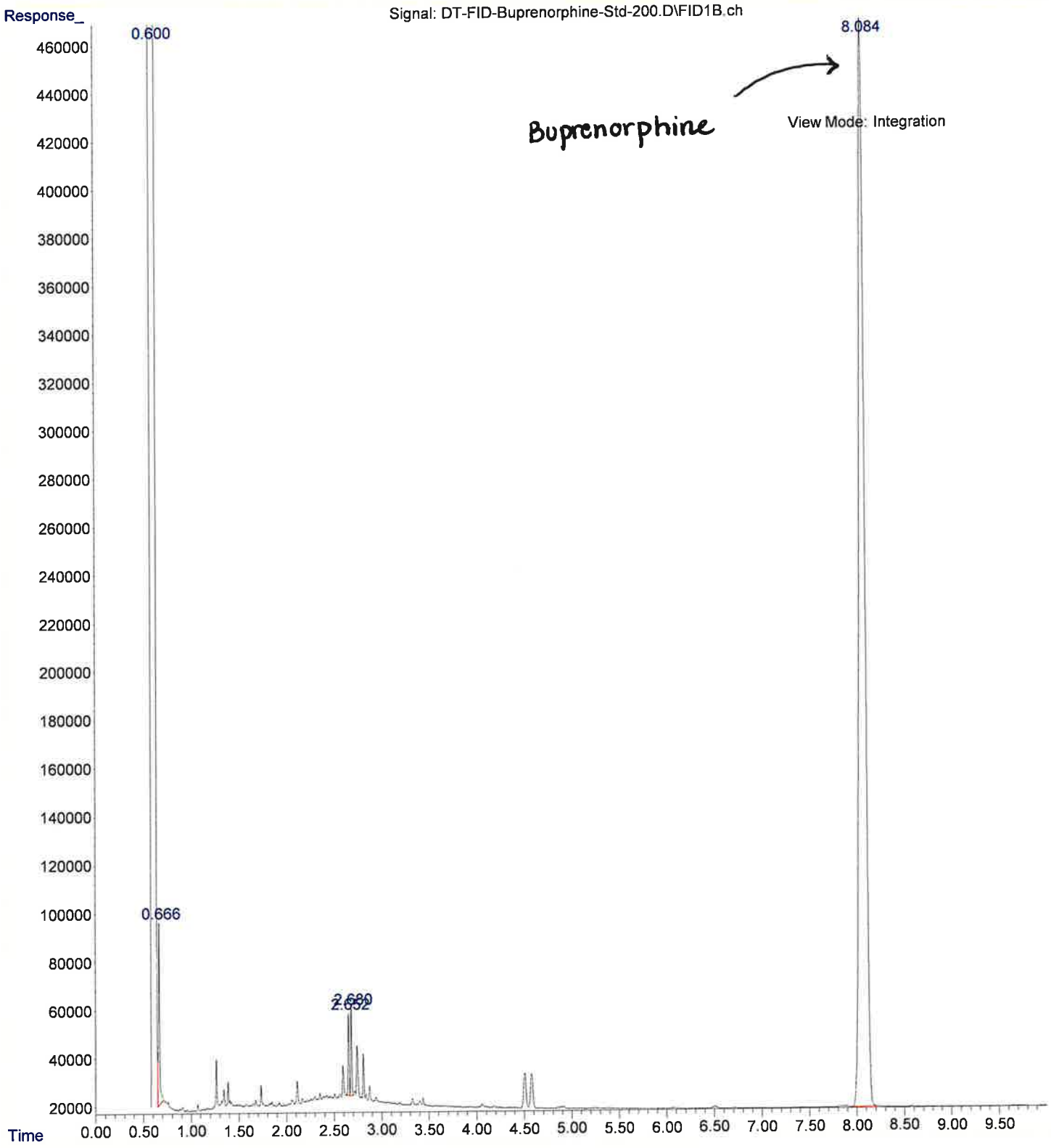


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... alidation\03-10-25.SEC\DT-FID-Buprenorphine-Std-Blank-200.D
Operator : IS
Instrument : Quincy
Acquired : 11 Mar 2025 16:42 using AcqMethod DTDRUGS200.M
Sample Name: Buprenorphine Std Blank
Misc Info : Meoh

NCSP

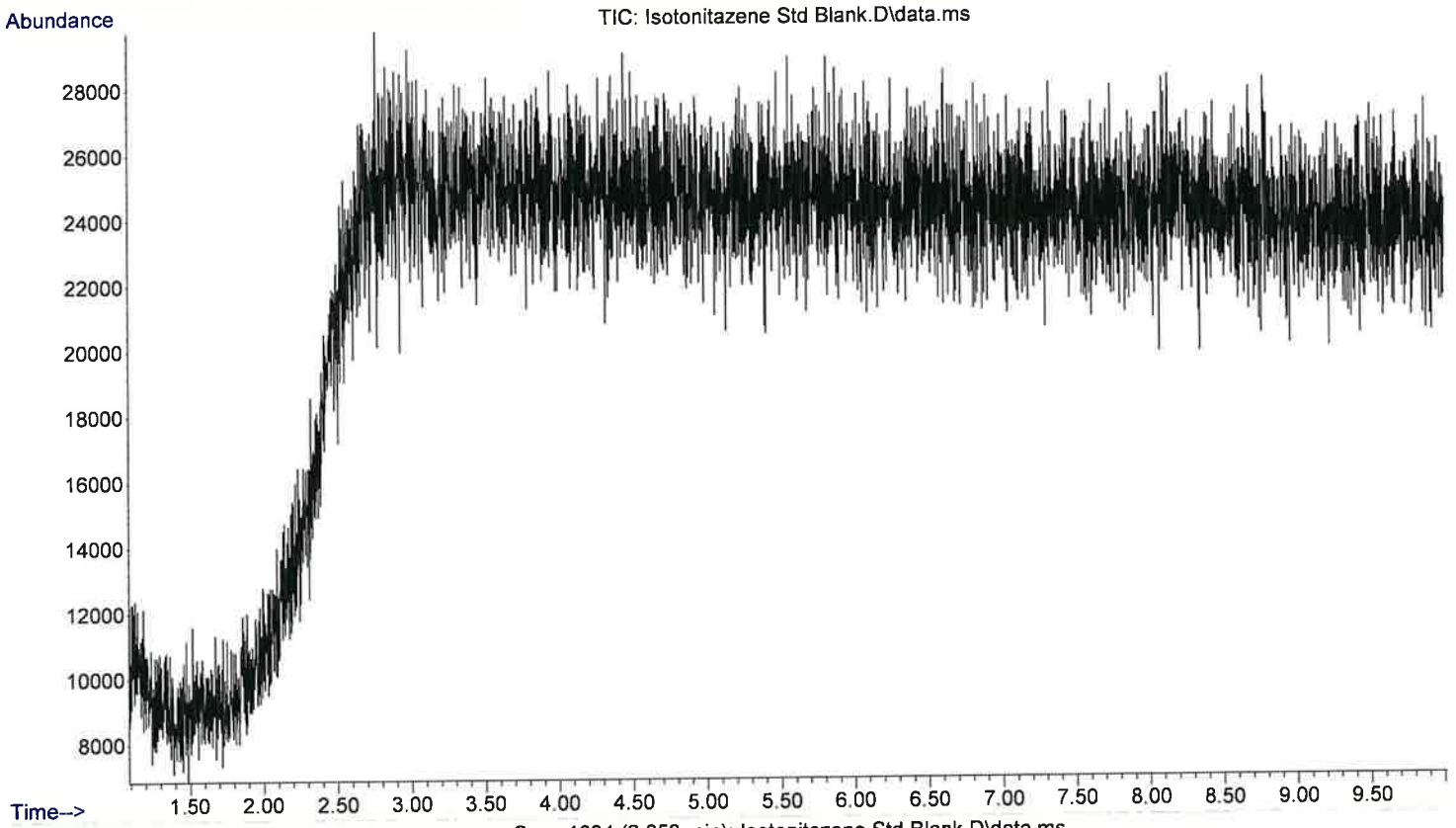


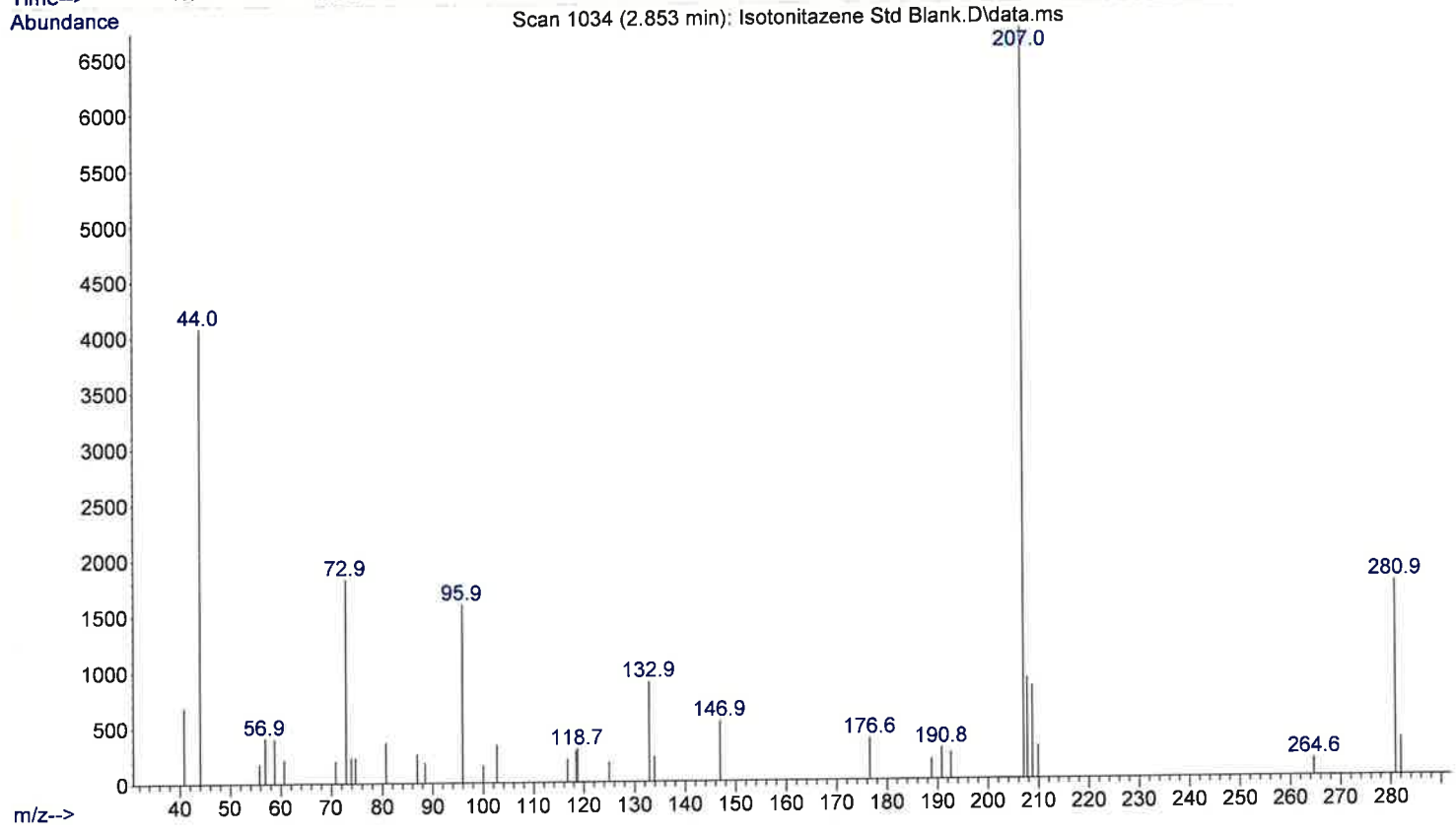
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Operator : IS
Instrument : Quincy
Acquired : 11 Mar 2025 16:54 using AcqMethod DTDRUGS200.M
Sample Name: Buprenorphine Std
Misc Info : Meoh,Cerilliant,LotFE03191903,Exp06-25-25



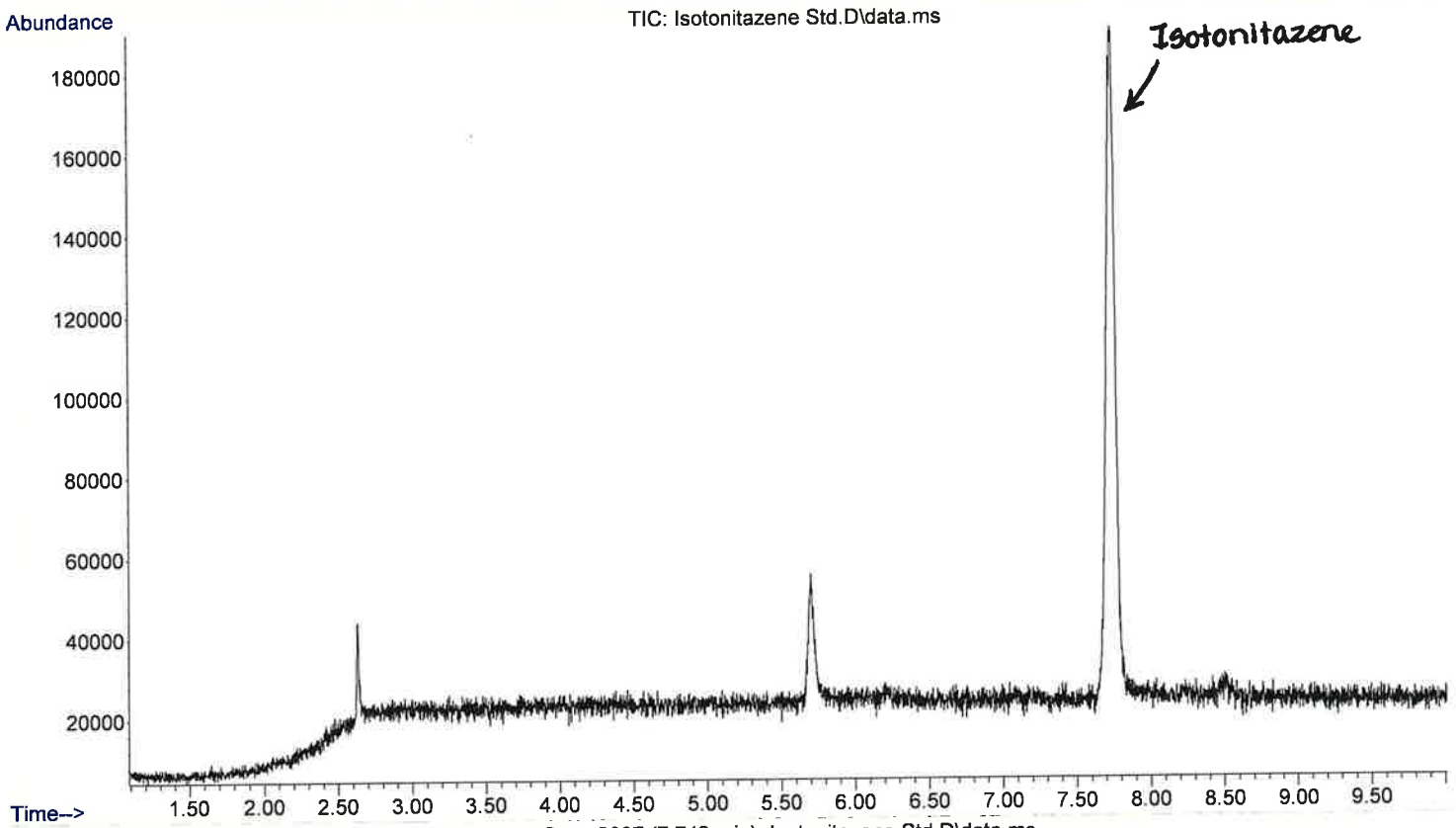
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Operator : IS
Instrument : Quincy
Acquired : 10 Mar 2025 09:49 using AcqMethod ASMSDRUGS200.M
Sample Name: Isotonitazene Std Blank
Misc Info : Meoh

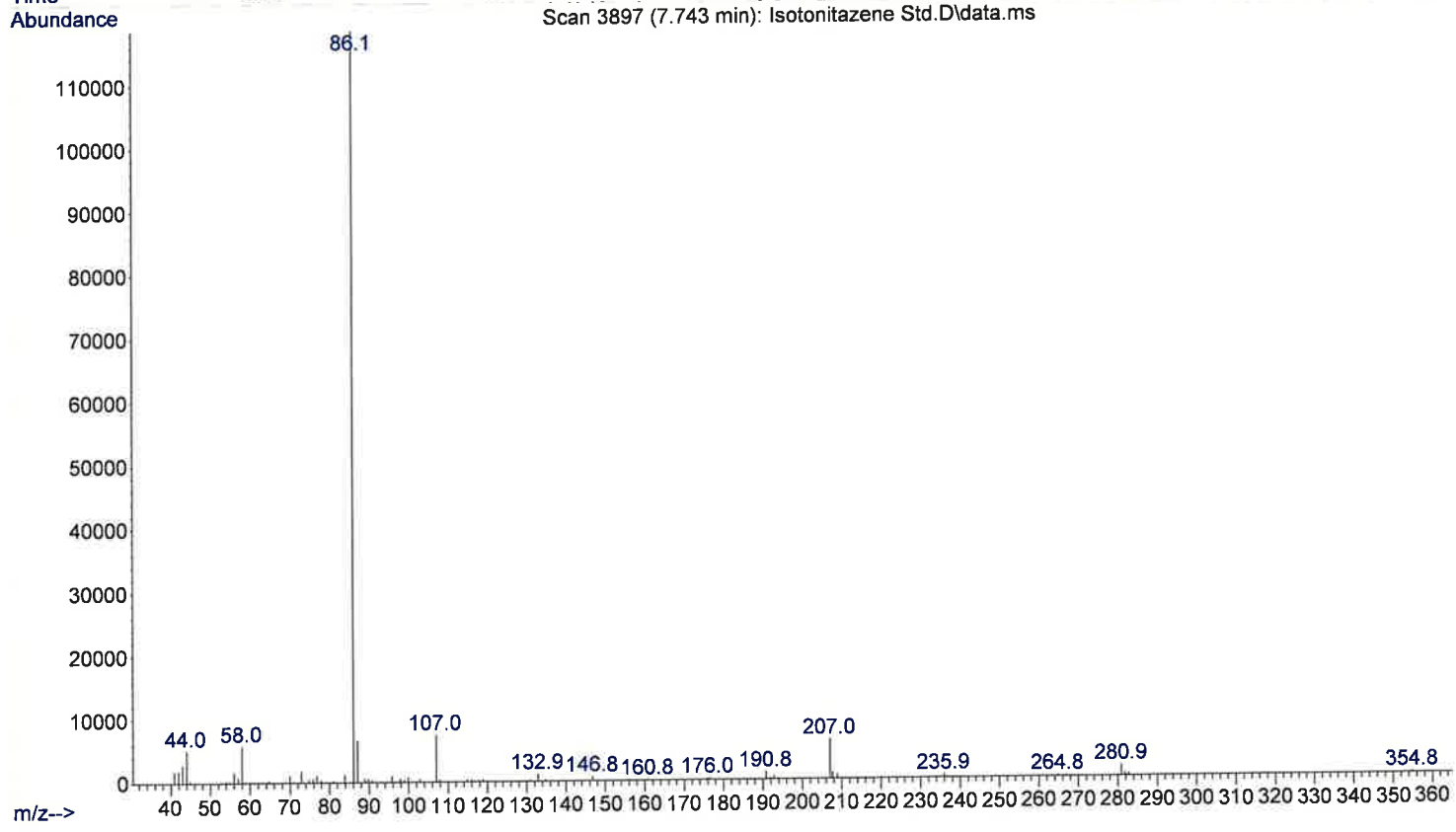
NCSD





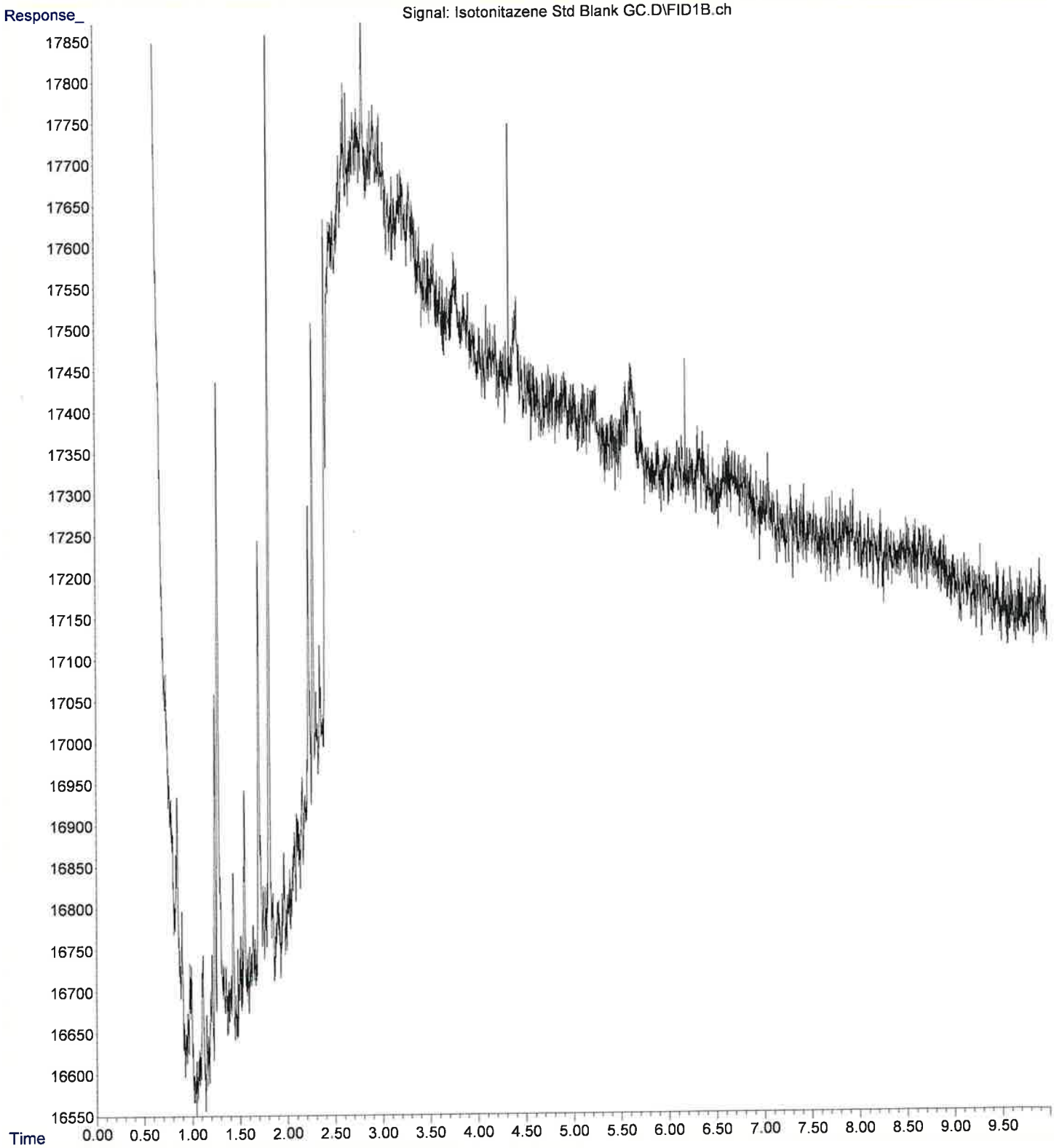
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Operator : IS
Instrument : Quincy
Acquired : 10 Mar 2025 10:01 using AcqMethod ASMSDRUGS200.M
Sample Name: Isotonitazene Std
Misc Info : Meoh,CaymanChem,Lot0577984-1,Exp02-14-25



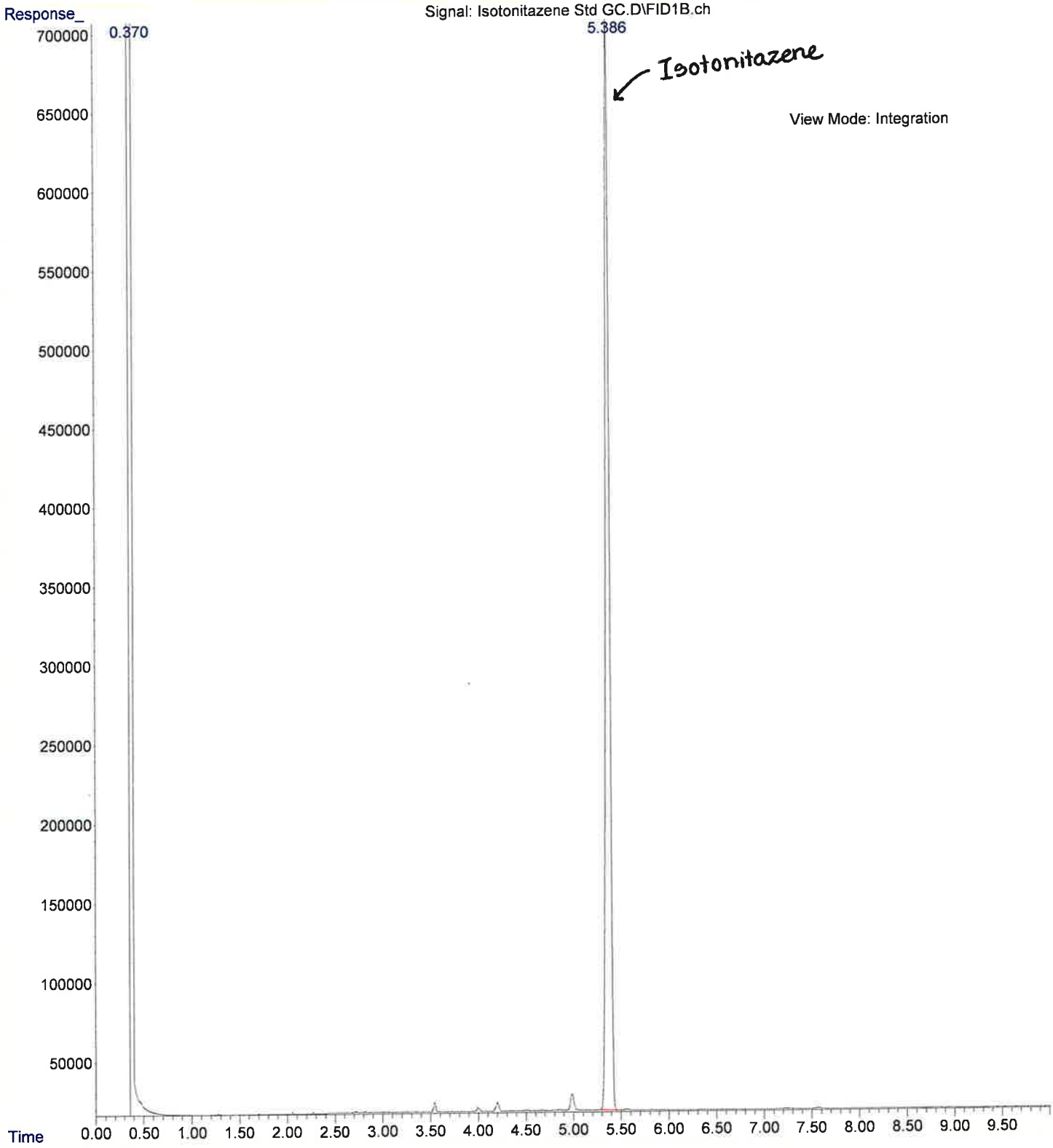


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Operator   : IS
Instrument :   Quincy
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Sample Name: Isotonitazene Std Blank GC
Misc Info  : Meoh
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NC9D

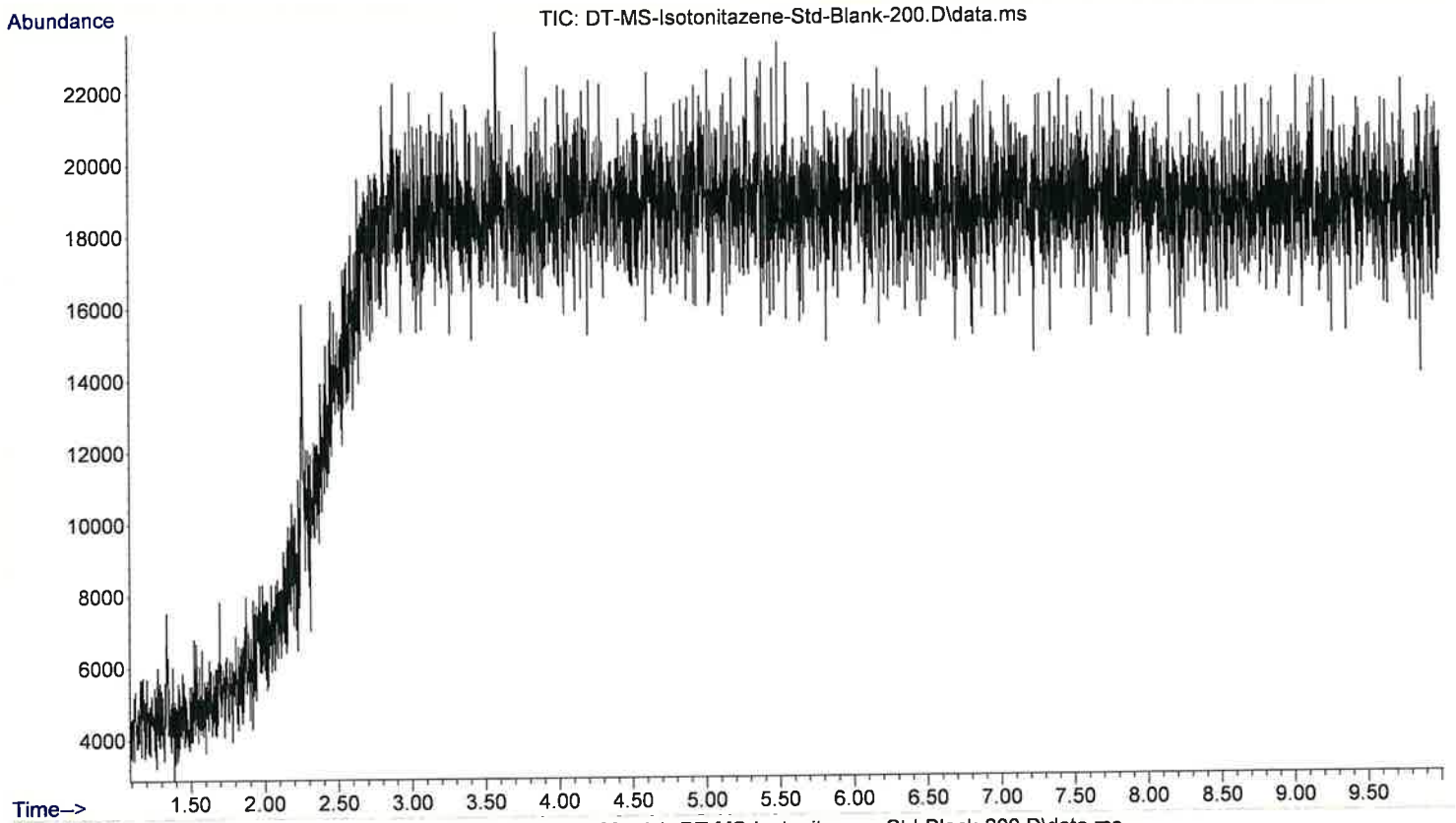


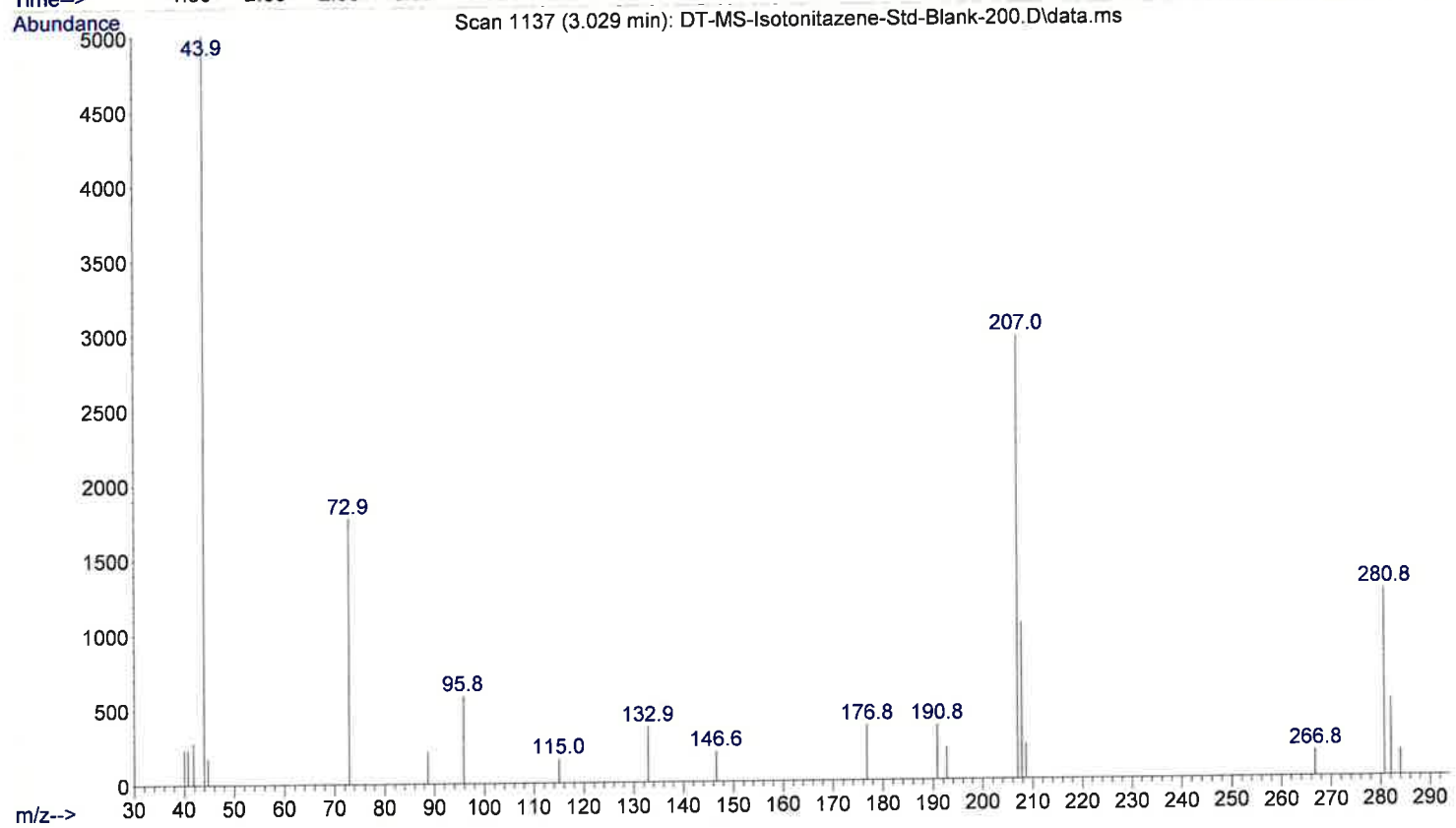
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Instrument :   Quincy
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Sample Name: Isotonitazene Std GC
Misc Info  : Meoh,CaymanChem,Lot0577984-1,Exp02-14-25
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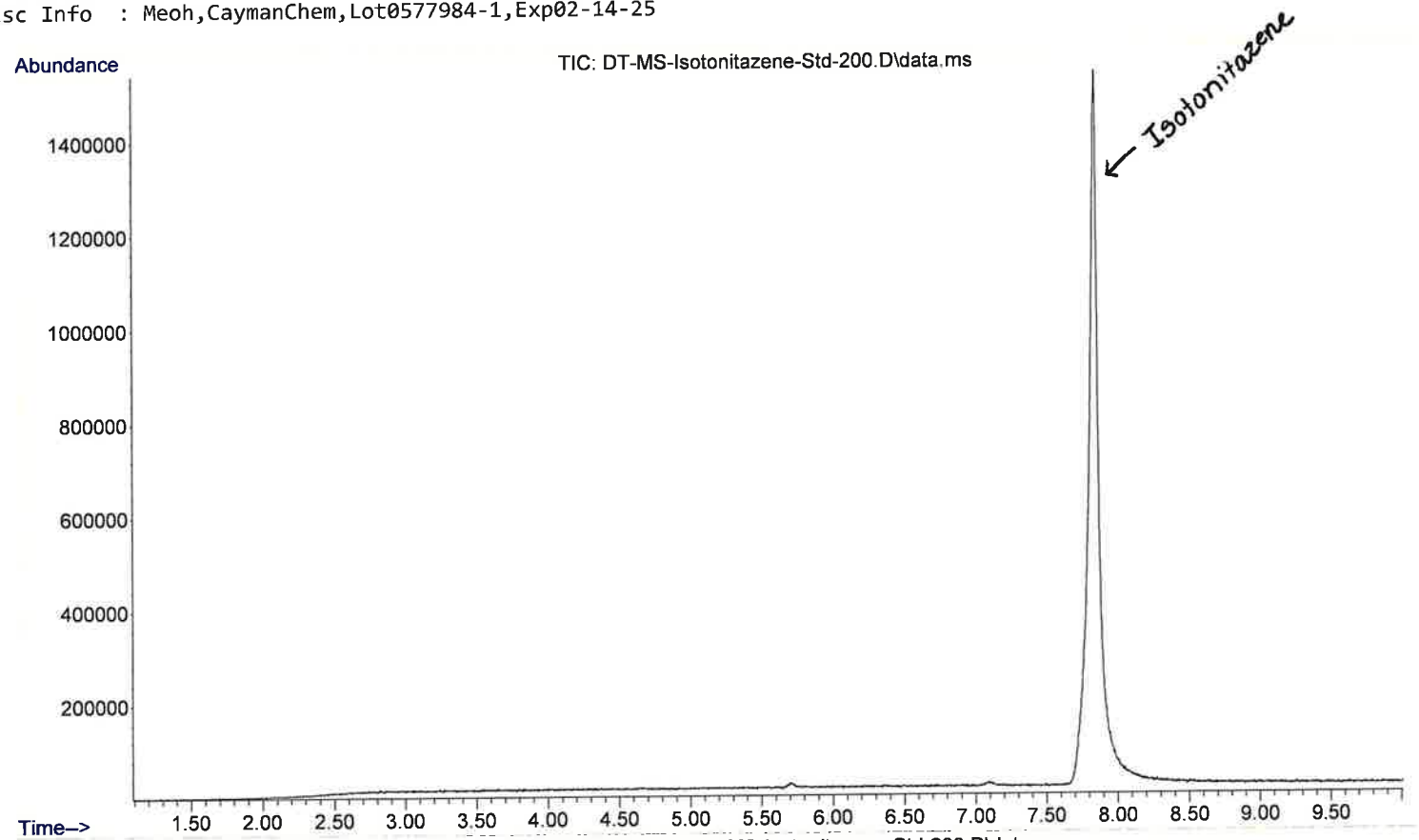
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Operator : IS
Instrument : Quincy
Acquired : 11 Mar 2025 17:07 using AcqMethod DTDRUGS200.M
Sample Name: Isotonitazene Std Blank
Misc Info : Meoh

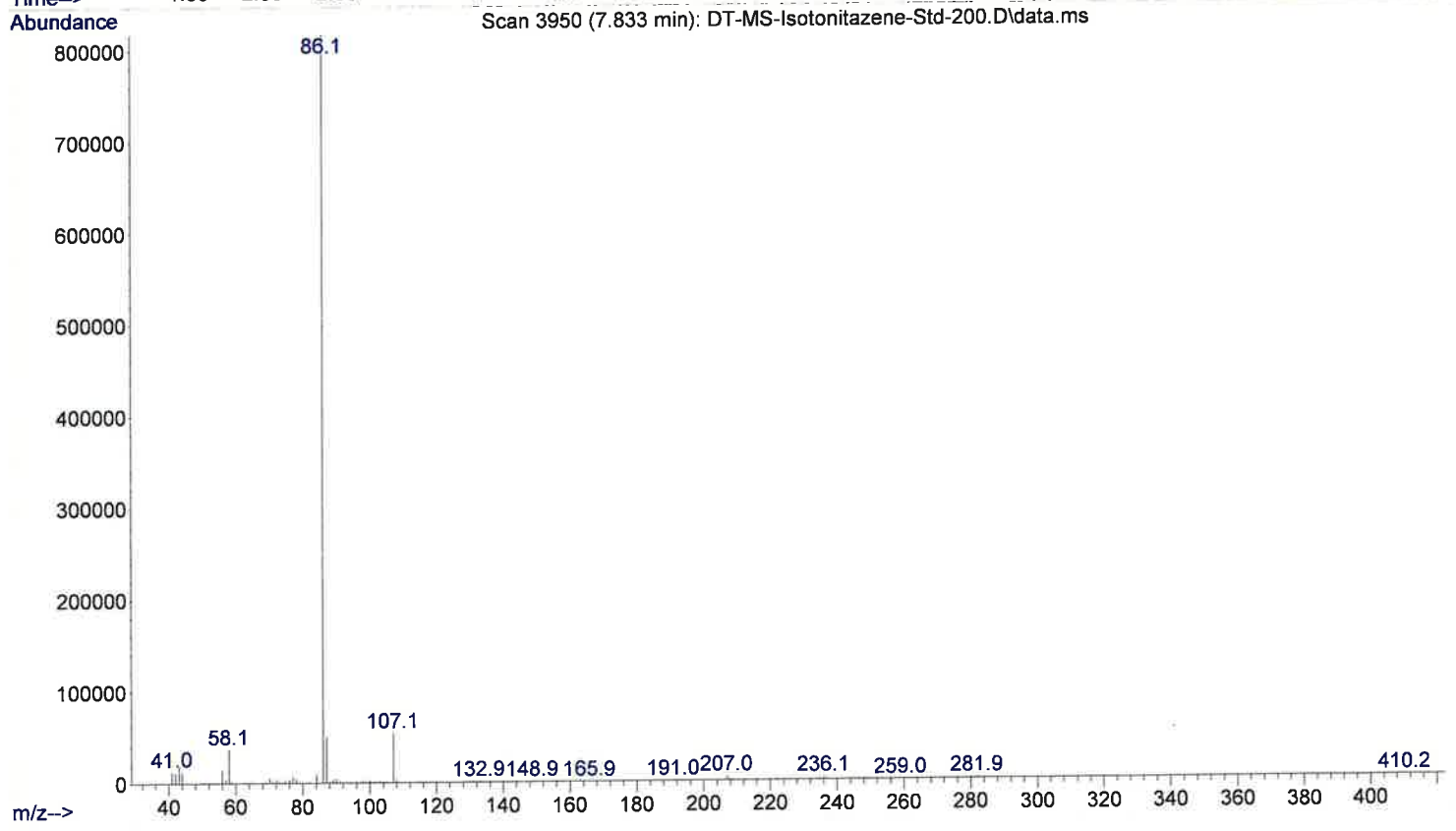
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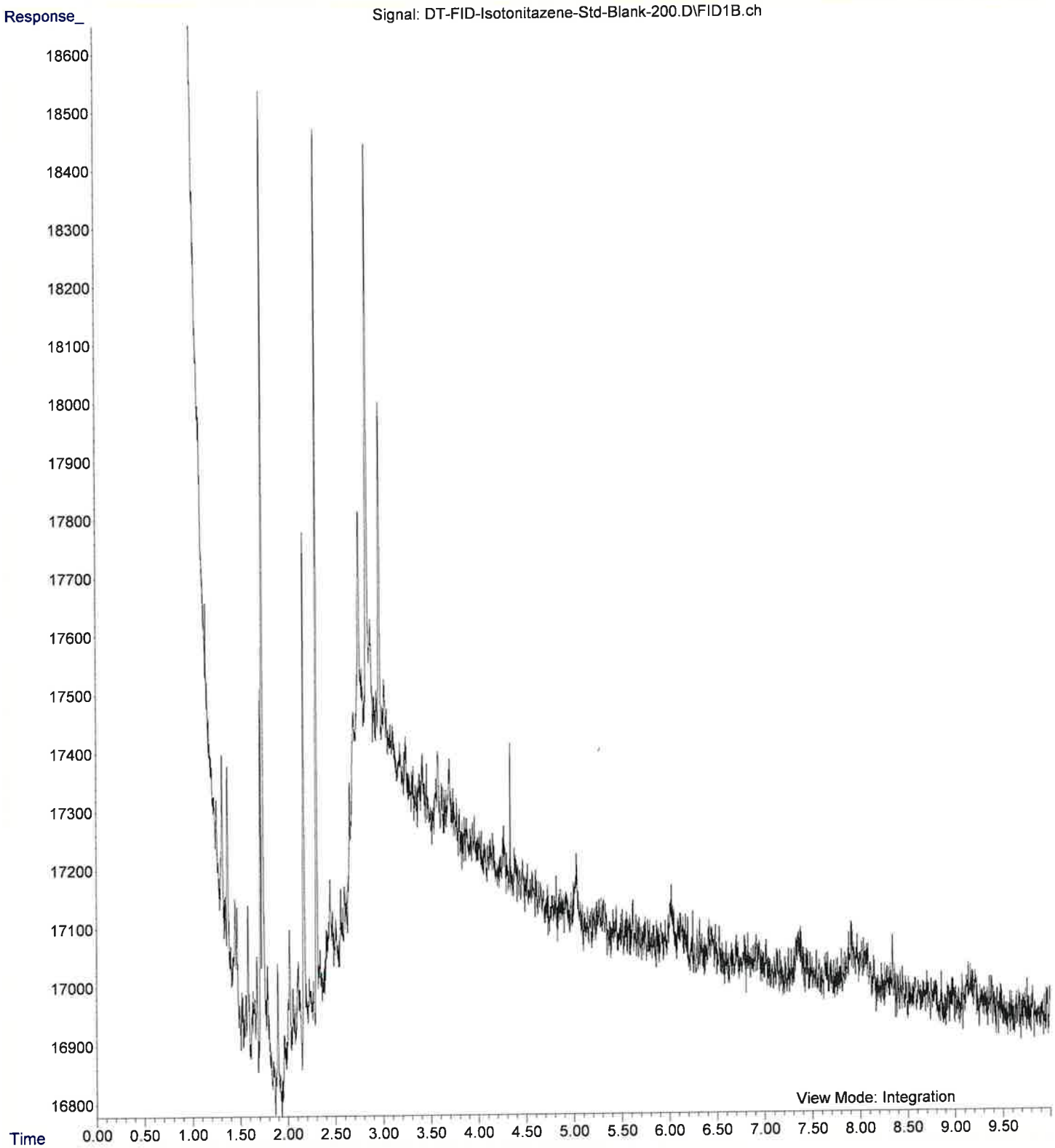
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Operator : IS
Instrument : Quincy
Acquired : 11 Mar 2025 17:20 using AcqMethod DTDRUGS200.M
Sample Name: Isotonitazene Std
Misc Info : Meoh,CaymanChem,Lot0577984-1,Exp02-14-25



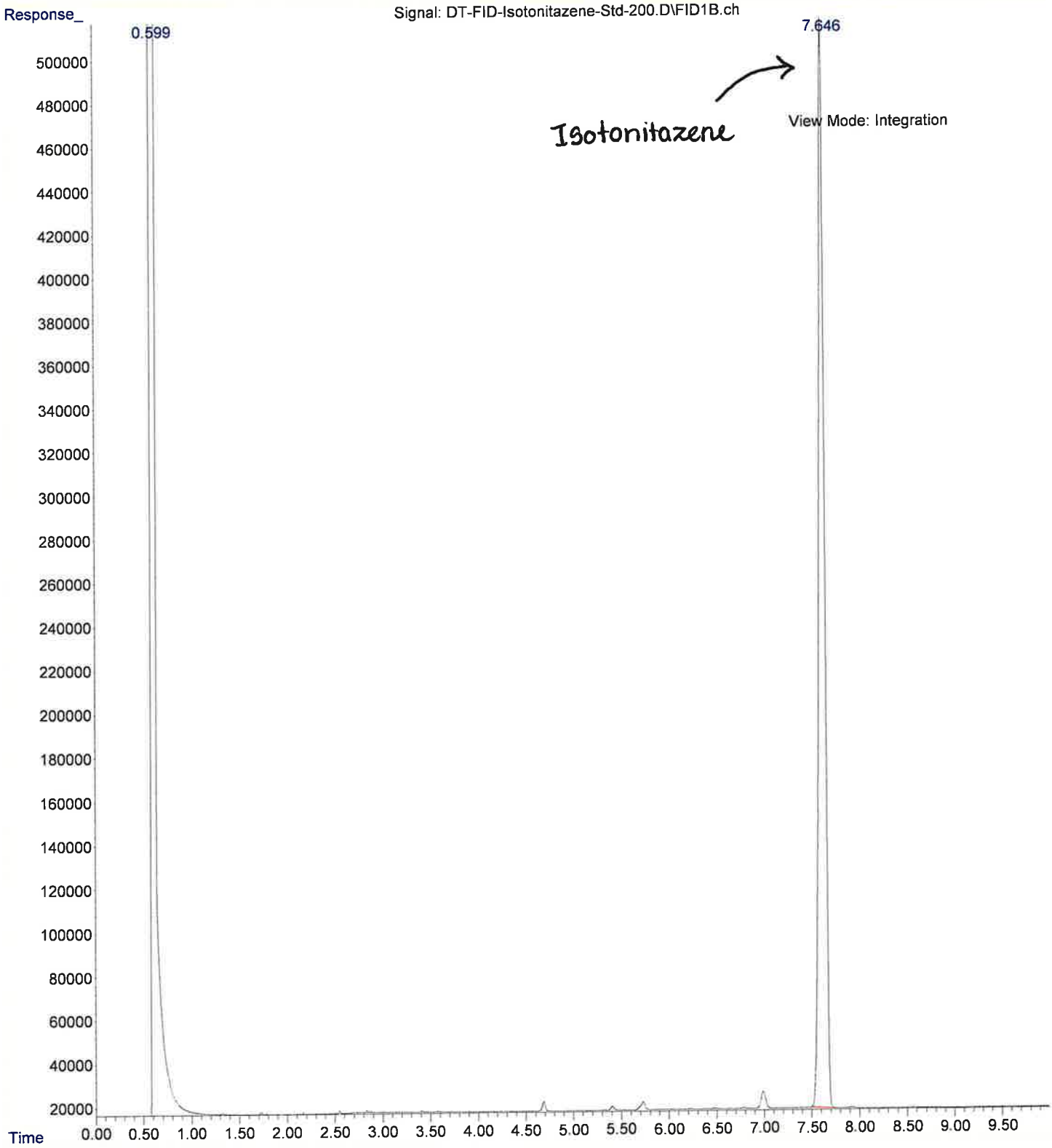


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Operator : IS
Instrument : Quincy
Acquired : 11 Mar 2025 17:07 using AcqMethod DTDRUGS200.M
Sample Name: Isotonitazene Std Blank
Misc Info : Meoh

NCSP



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File       :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2025\IS\Dual V
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Operator   : IS
Instrument :   Quincy
Acquired   : 11 Mar 2025  17:20     using AcqMethod DTDRUGS200.M
Sample Name: Isotonitazene Std
Misc Info  : Meoh,CaymanChem,Lot0577984-1,Exp02-14-25
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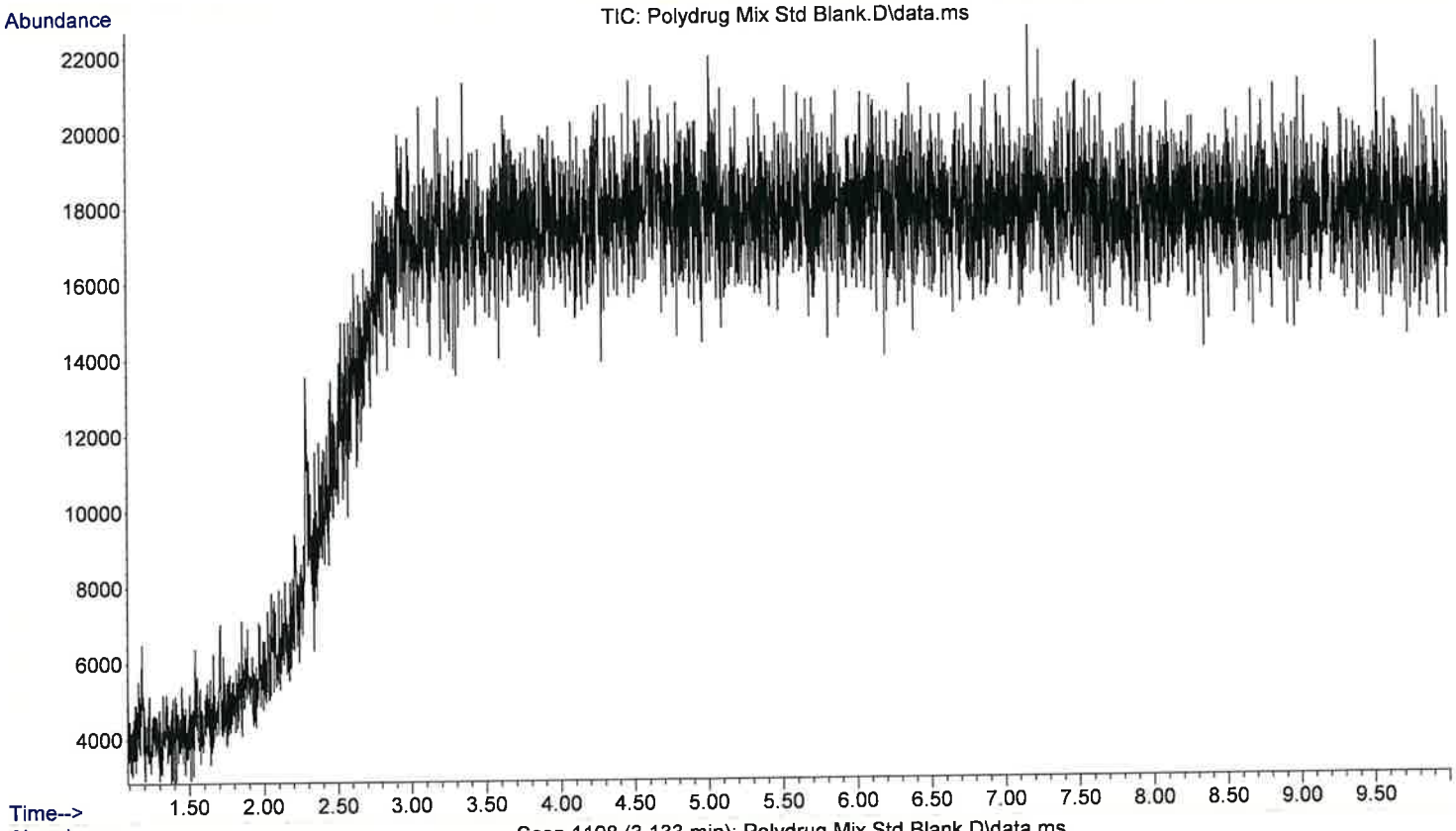
Dual Tower Injection Starting on 4-7-25

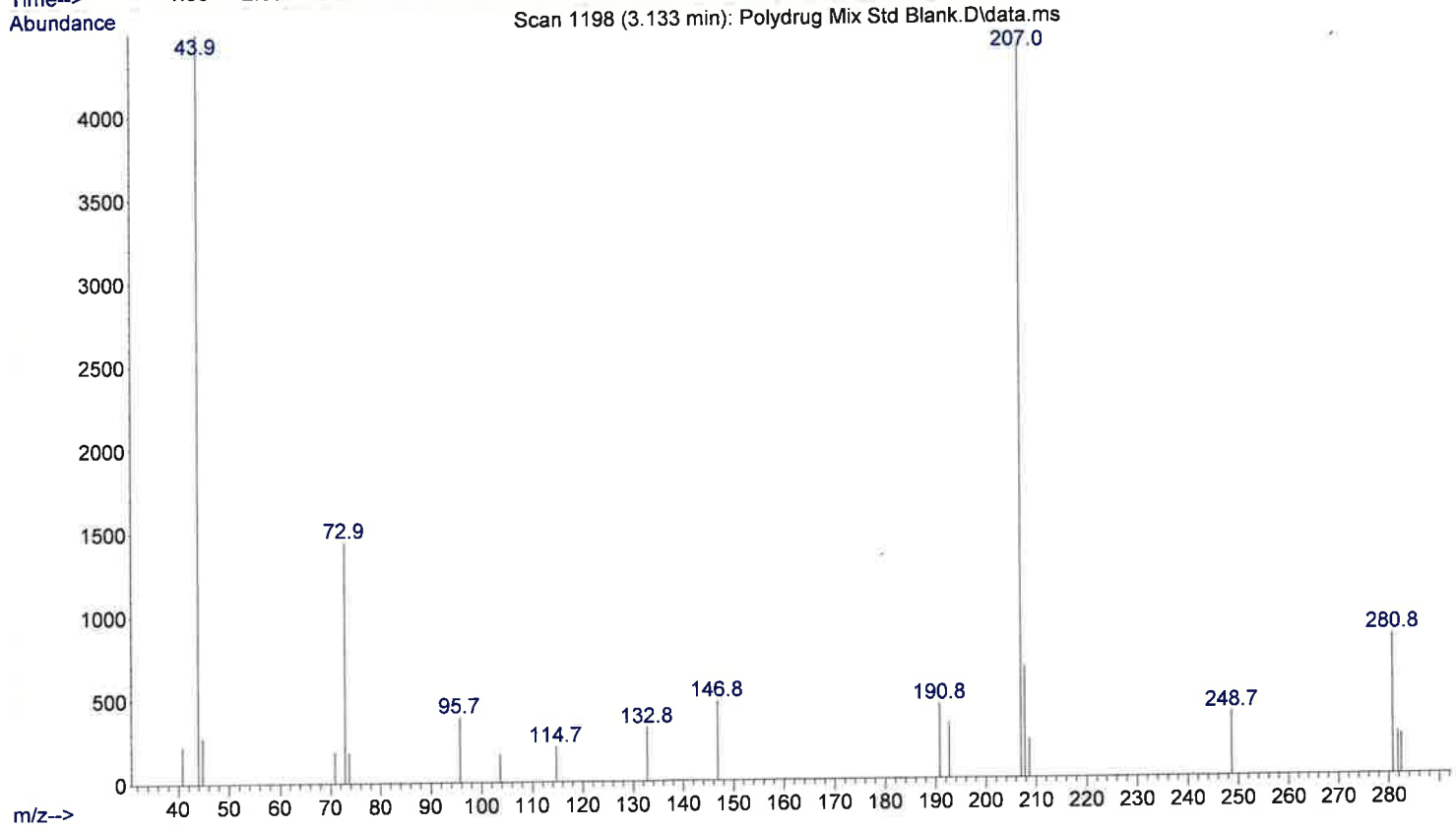
	DTDRUGS200	2%	(-)	(+)	ASGC200
Polydrug Mix:	**4/7/2025**				**4/7/2025**
Xylazine	**1.303**	0.02606	1.27694	1.32906	**1.301**
4-ANPP	**2.316**	0.04632	2.26968	2.36232	**2.308**
Heroin	**2.642**	0.05284	2.58916	2.69484	**2.632**
Para-fluorofentanyl	**2.765**	0.0553	2.7097	2.8203	**2.755**
Fentanyl	**2.839**	0.05678	2.78222	2.89578	**2.828**
GCMS Calibration Mix:					
Pethidine	**0.897**	0.01794	0.87906	0.91494	**0.896**
Cocaine	**1.816**	0.03632	1.77968	1.85232	**1.813**
Hydrocodone	**2.281**	0.04562	2.23538	2.32662	**2.277**
BTMPS	**3.831**	0.07662	3.75438	3.90762	**3.821**
Buprenorphine	**5.665**	0.1133	5.5517	5.7783	**5.646**
Isotonitazene	**5.397**	0.10794	5.28906	5.50494	**5.381**

alt

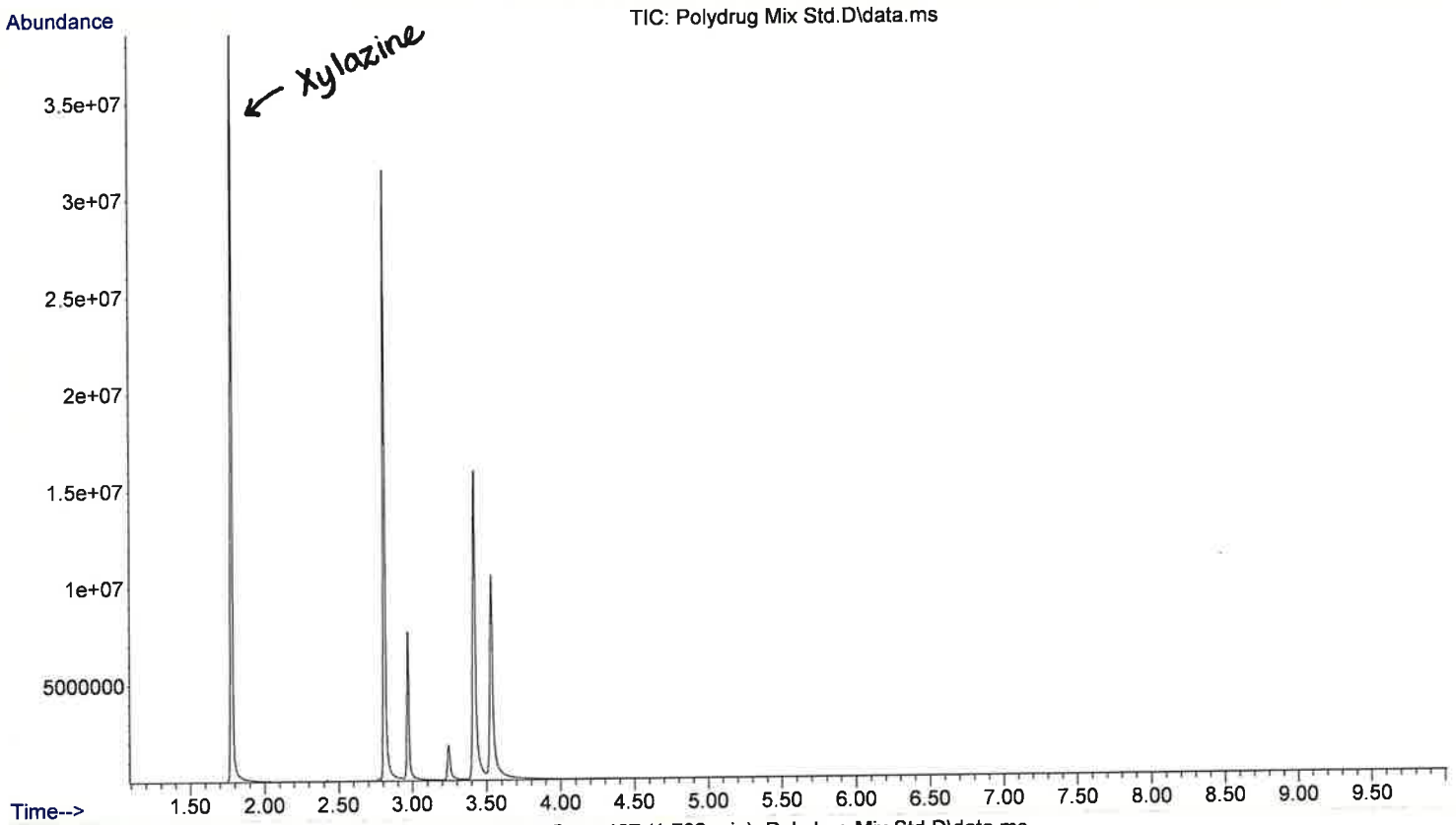
File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2025\IS\Dual V
... alidation\04-04-25\Polydrug Mix Std Blank.D
Operator : IS
Instrument : Quincy
Acquired : 04 Apr 2025 14:35 using AcqMethod ASMSDRUGS200.M
Sample Name: Polydrug Mix Std Blank
Misc Info : Meoh

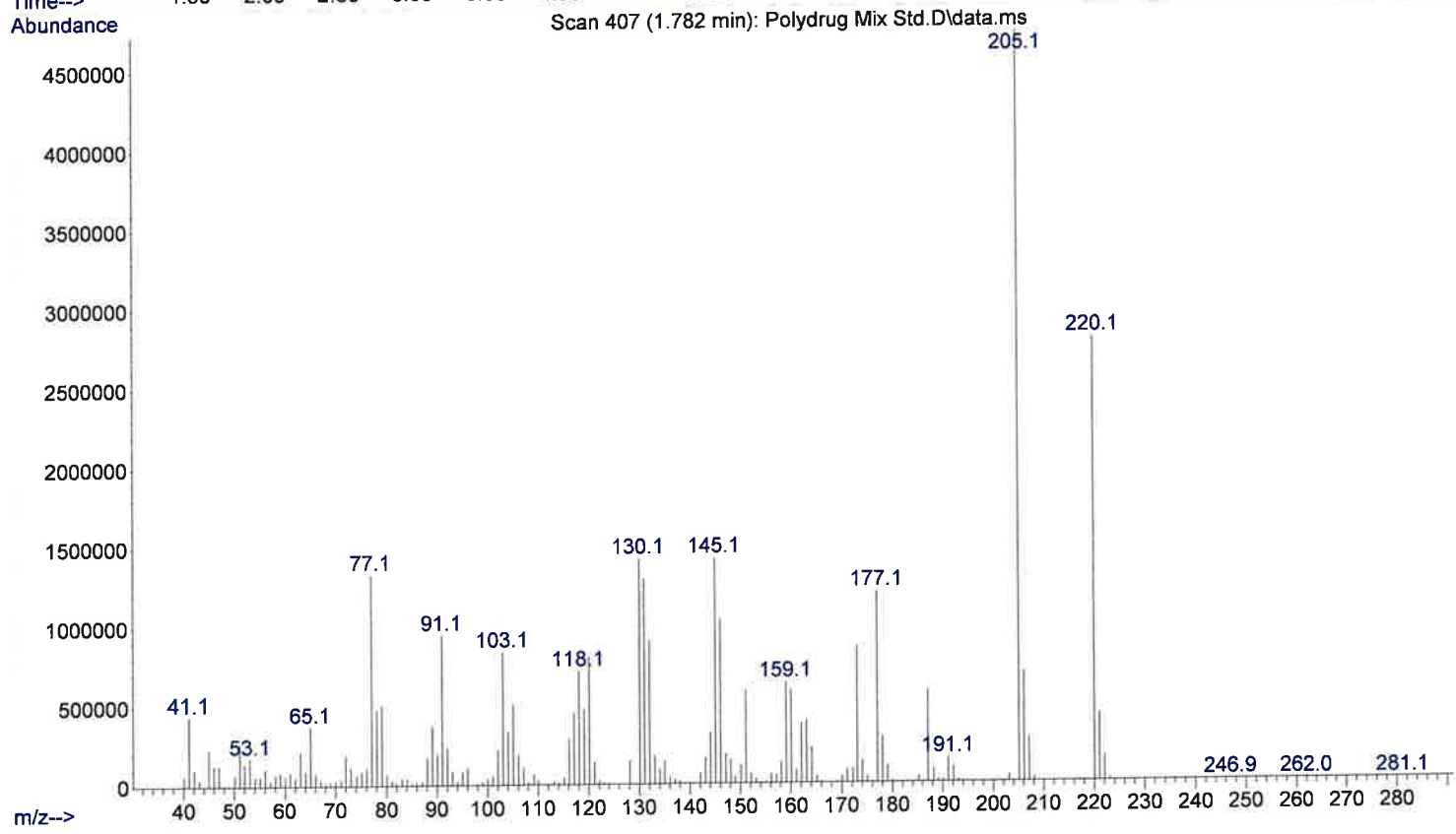
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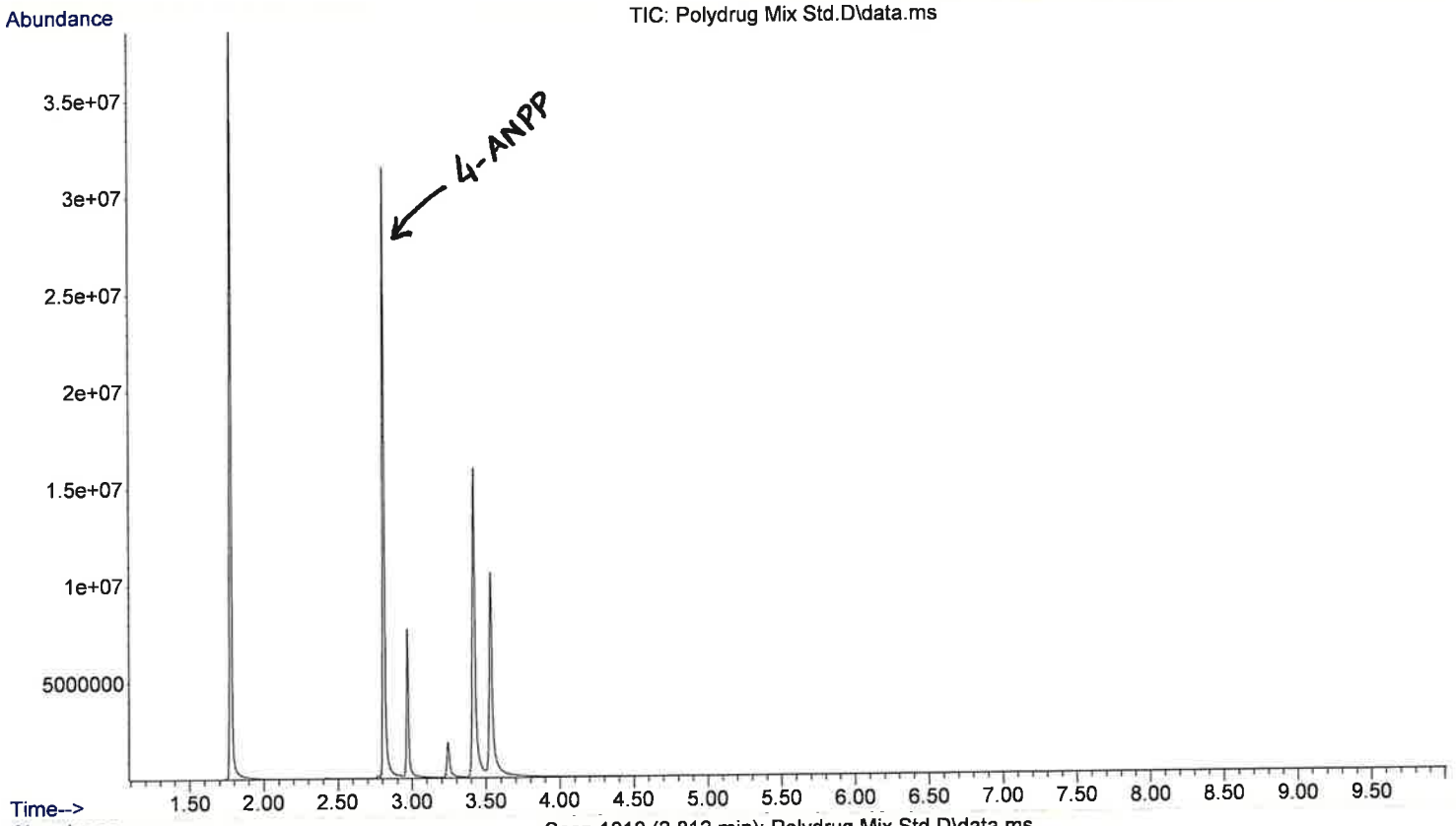


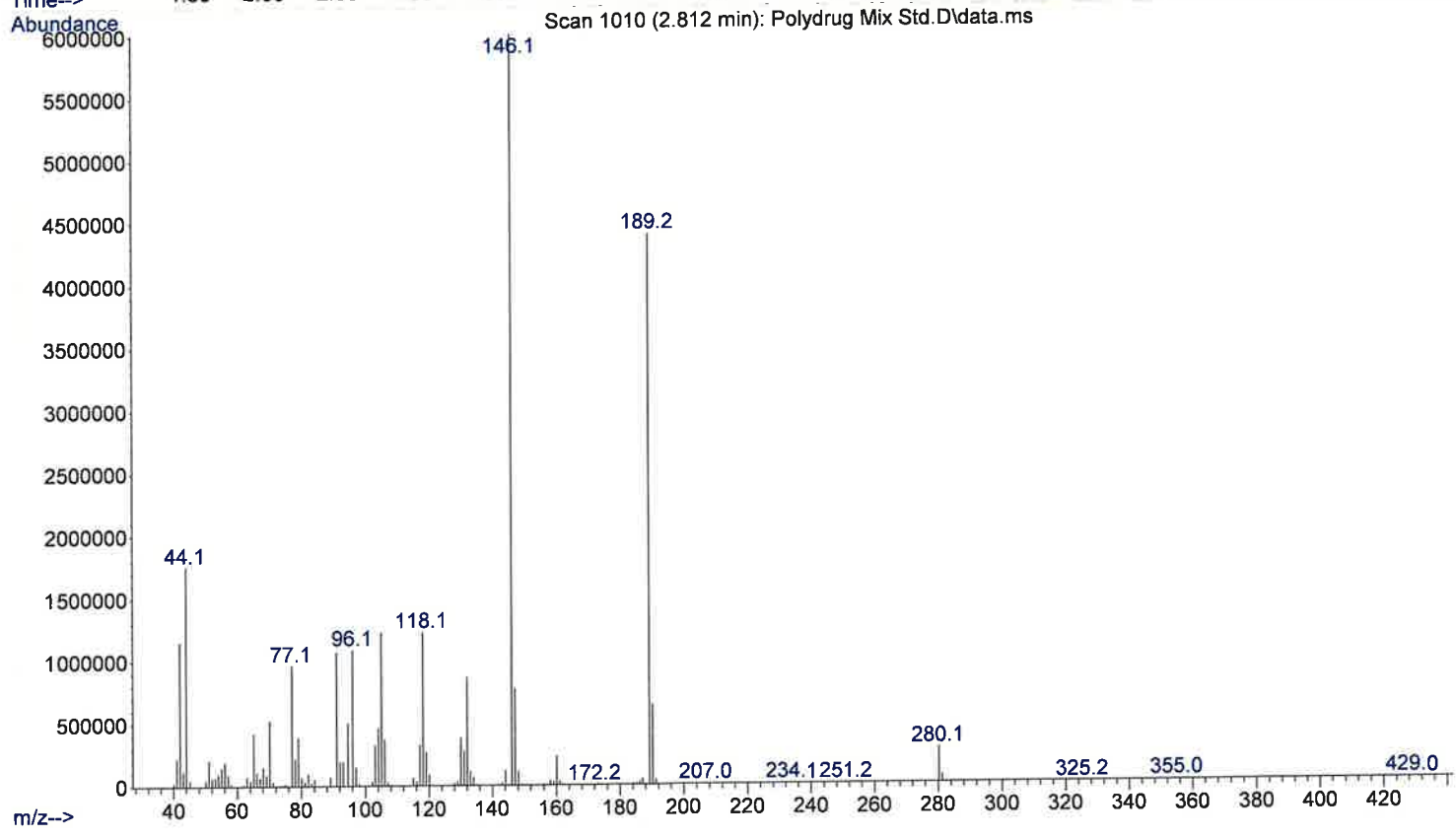
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Operator   : IS
Instrument :    Quincy
Acquired   : 04 Apr 2025  14:47     using AcqMethod ASMSDRUGS200.M
Sample Name: Polydrug Mix Std
Misc Info  : Meoh,Exp 12-11-25
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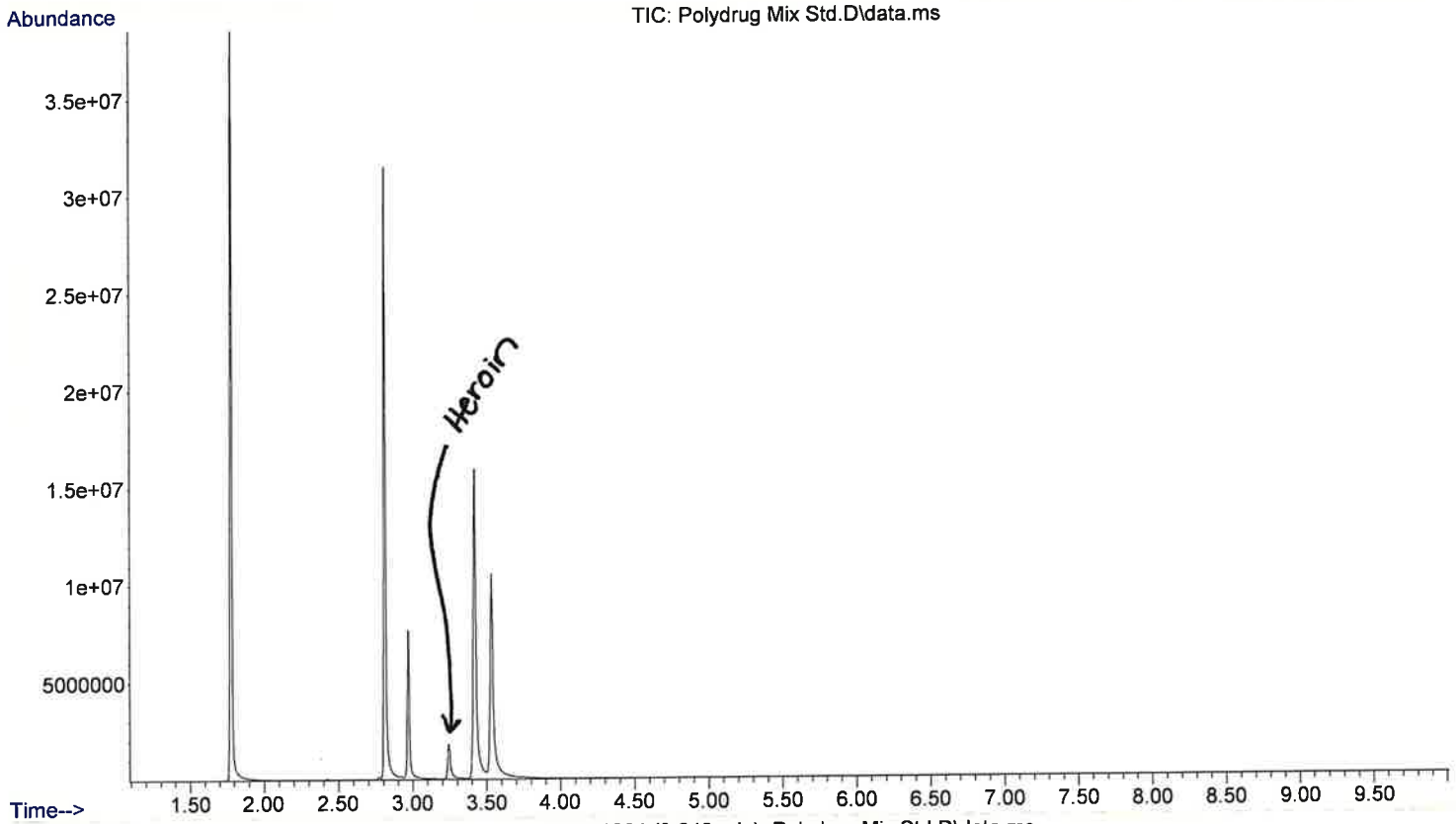


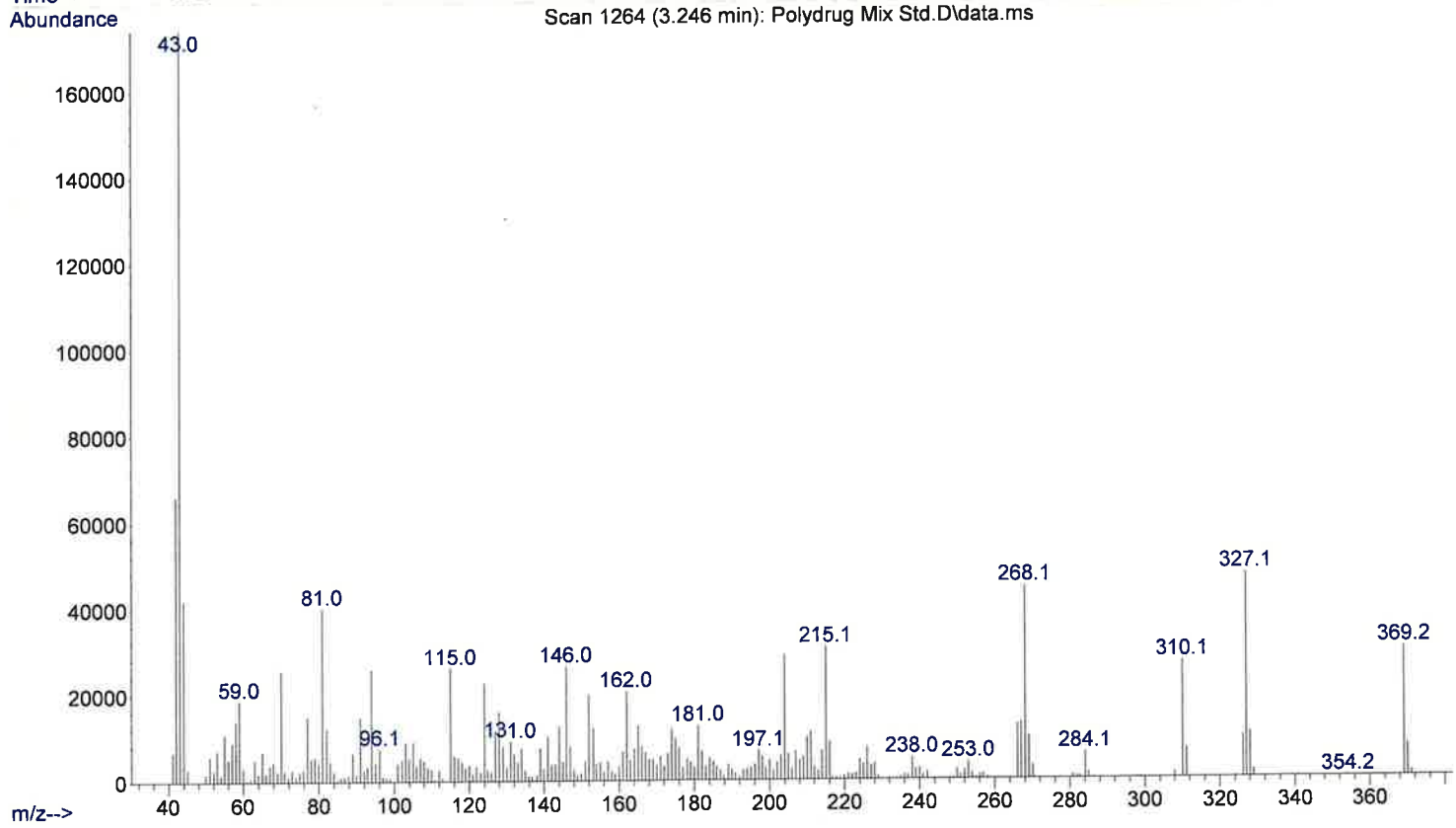
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File       :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2025\IS\Dual V
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Operator   : IS
Instrument :    Quincy
Acquired   : 04 Apr 2025  14:47     using AcqMethod ASMSDRUGS200.M
Sample Name: Polydrug Mix Std
Misc Info  : Meoh,Exp 12-11-25
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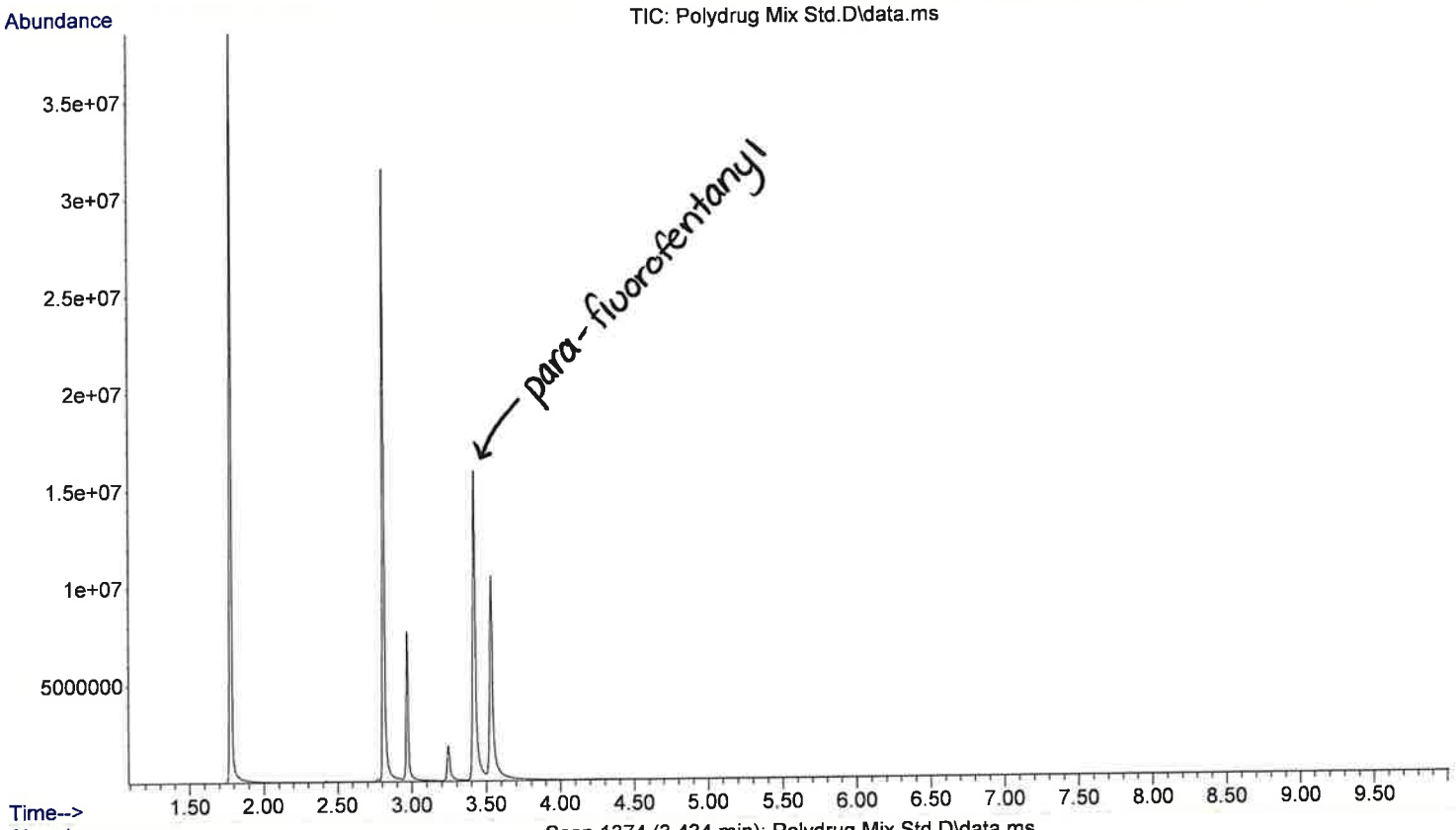


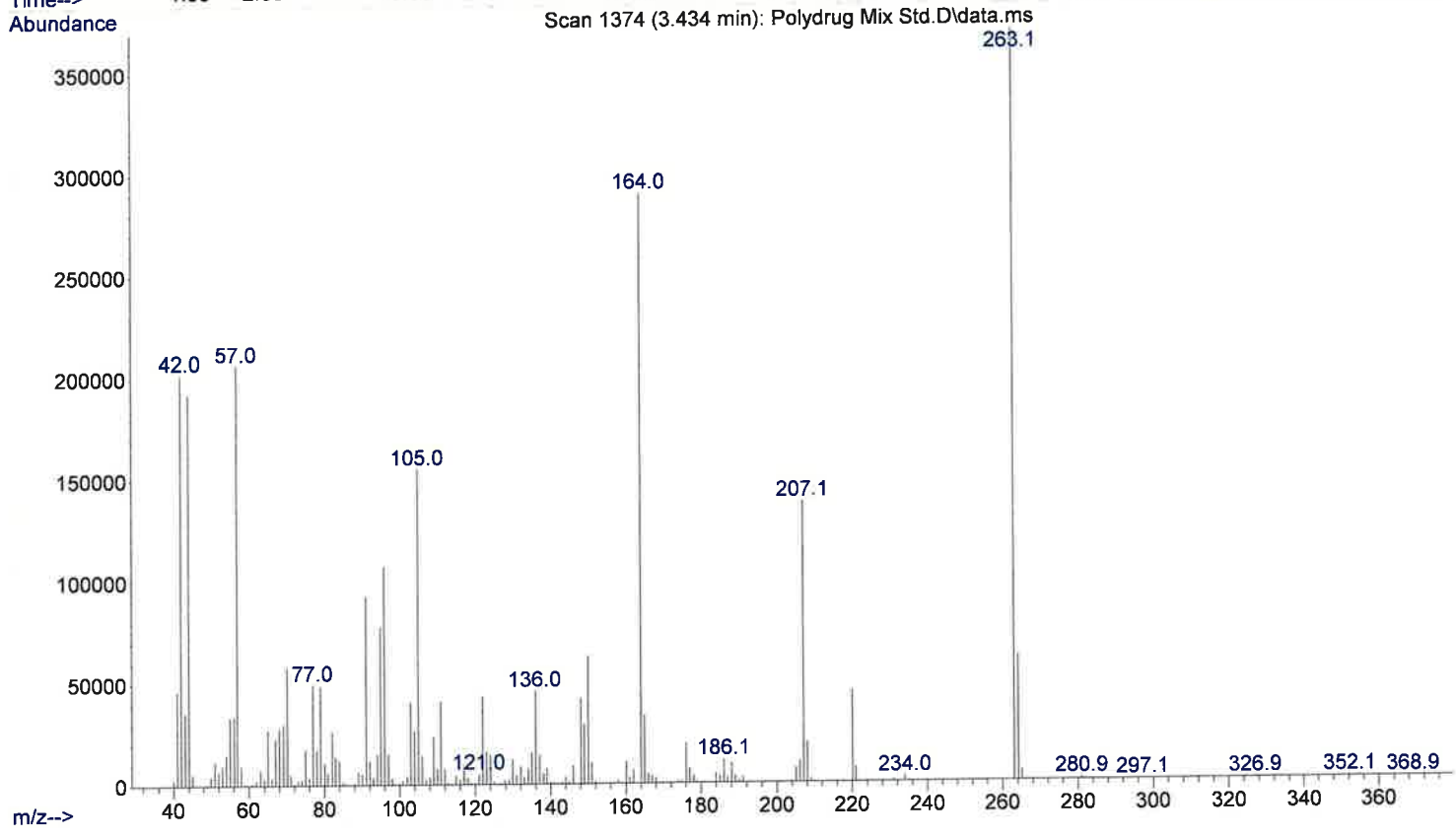
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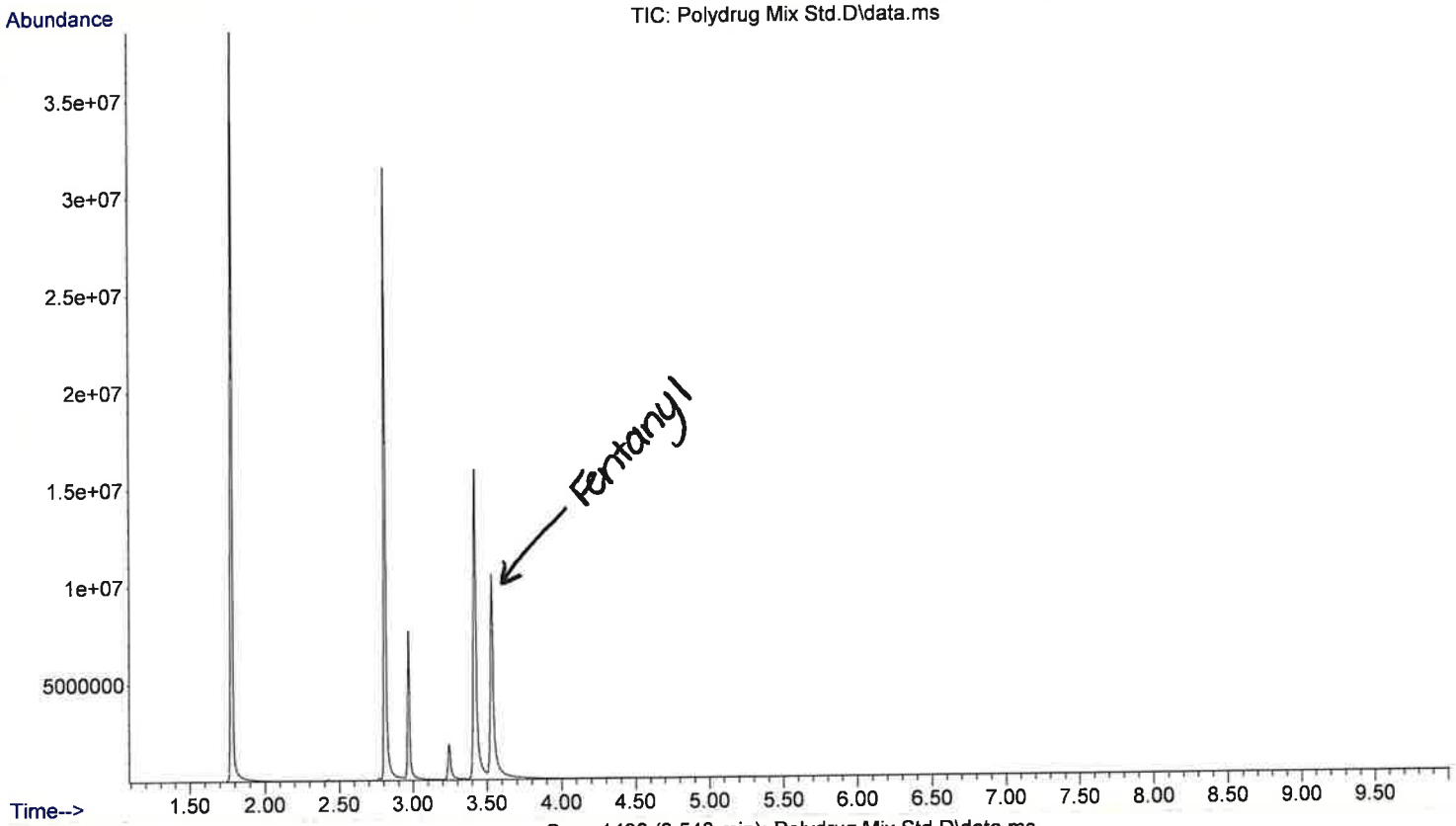


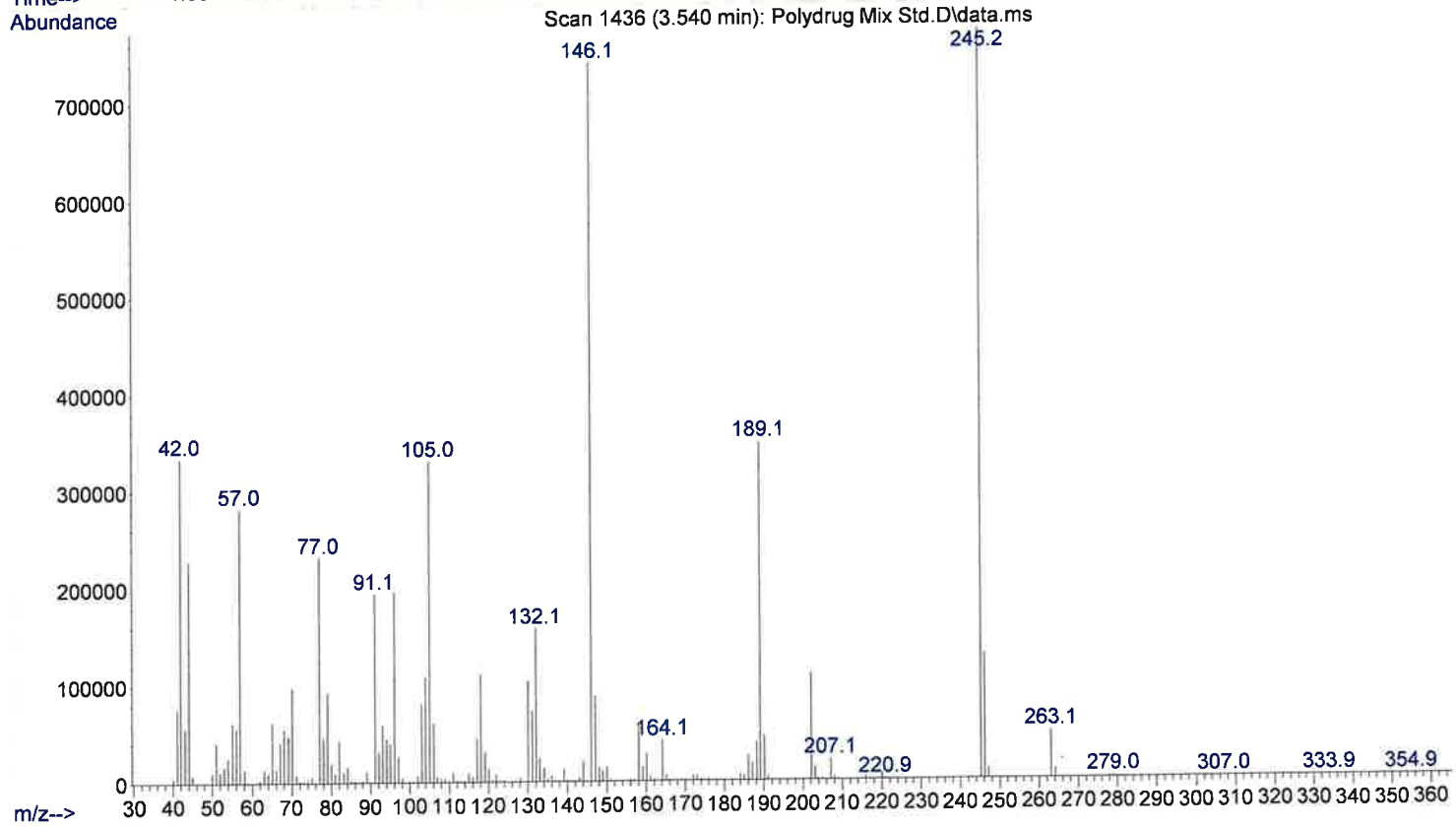
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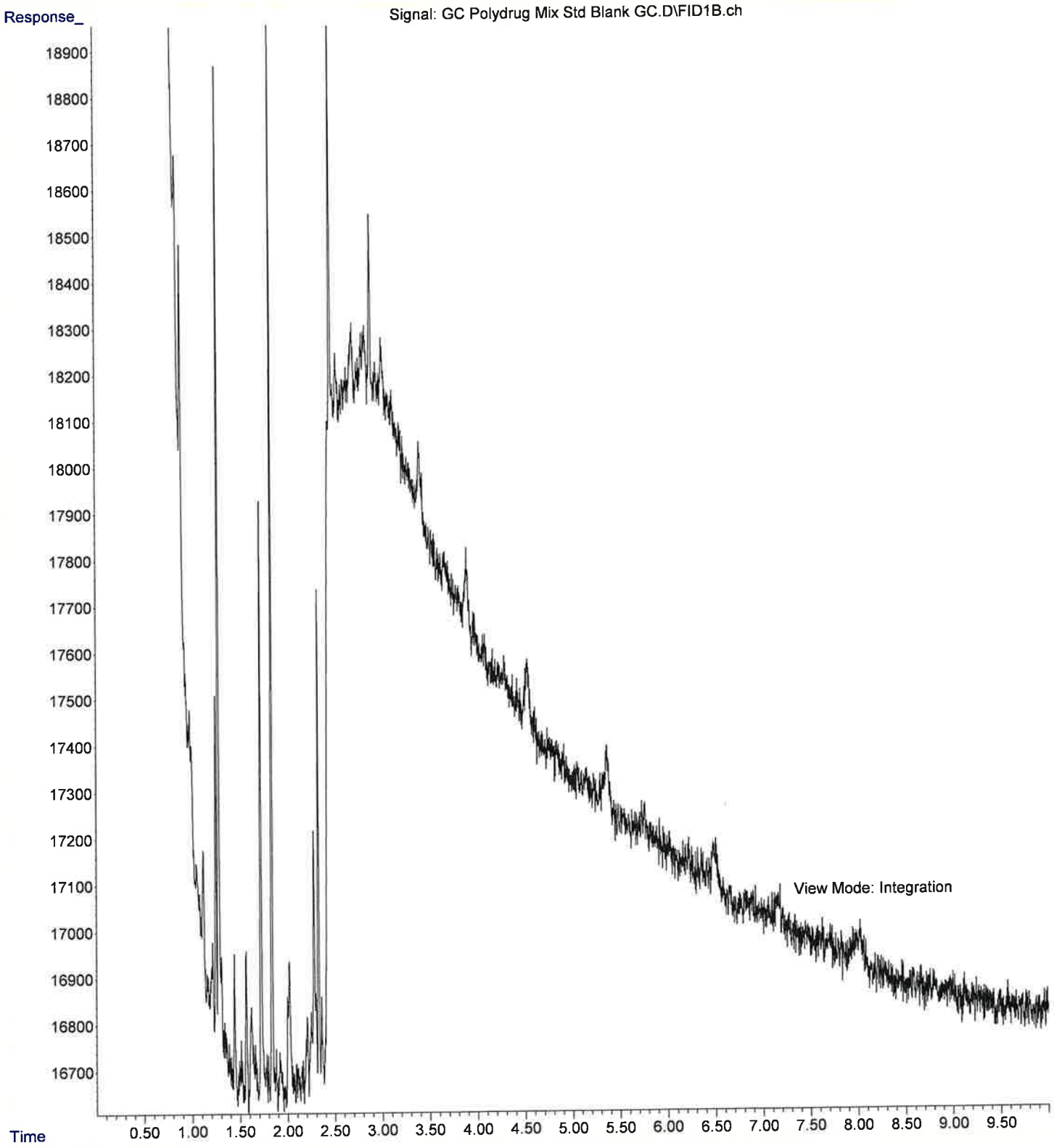
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Misc Info : Meoh,Exp 12-11-25





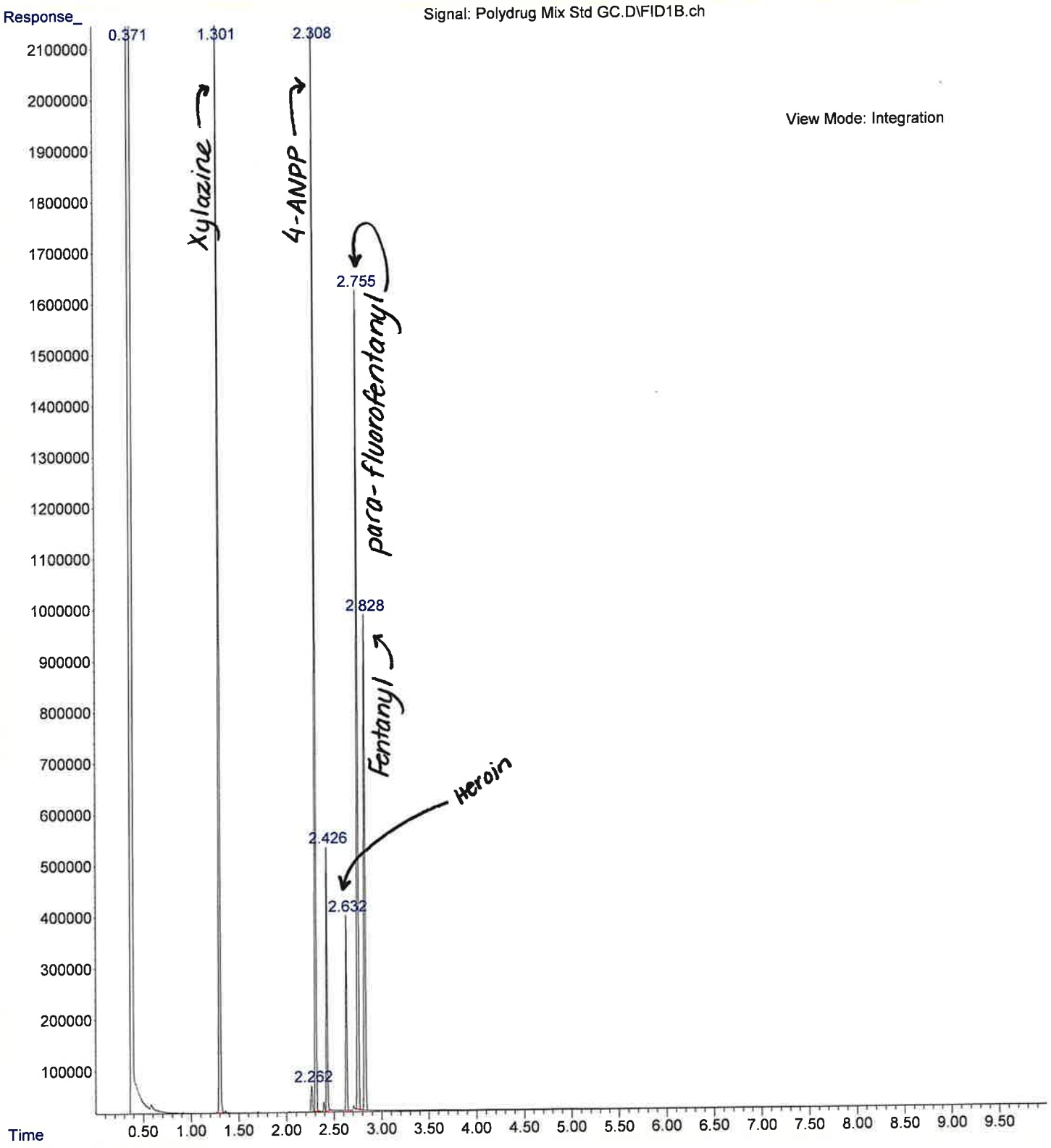
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NC3D



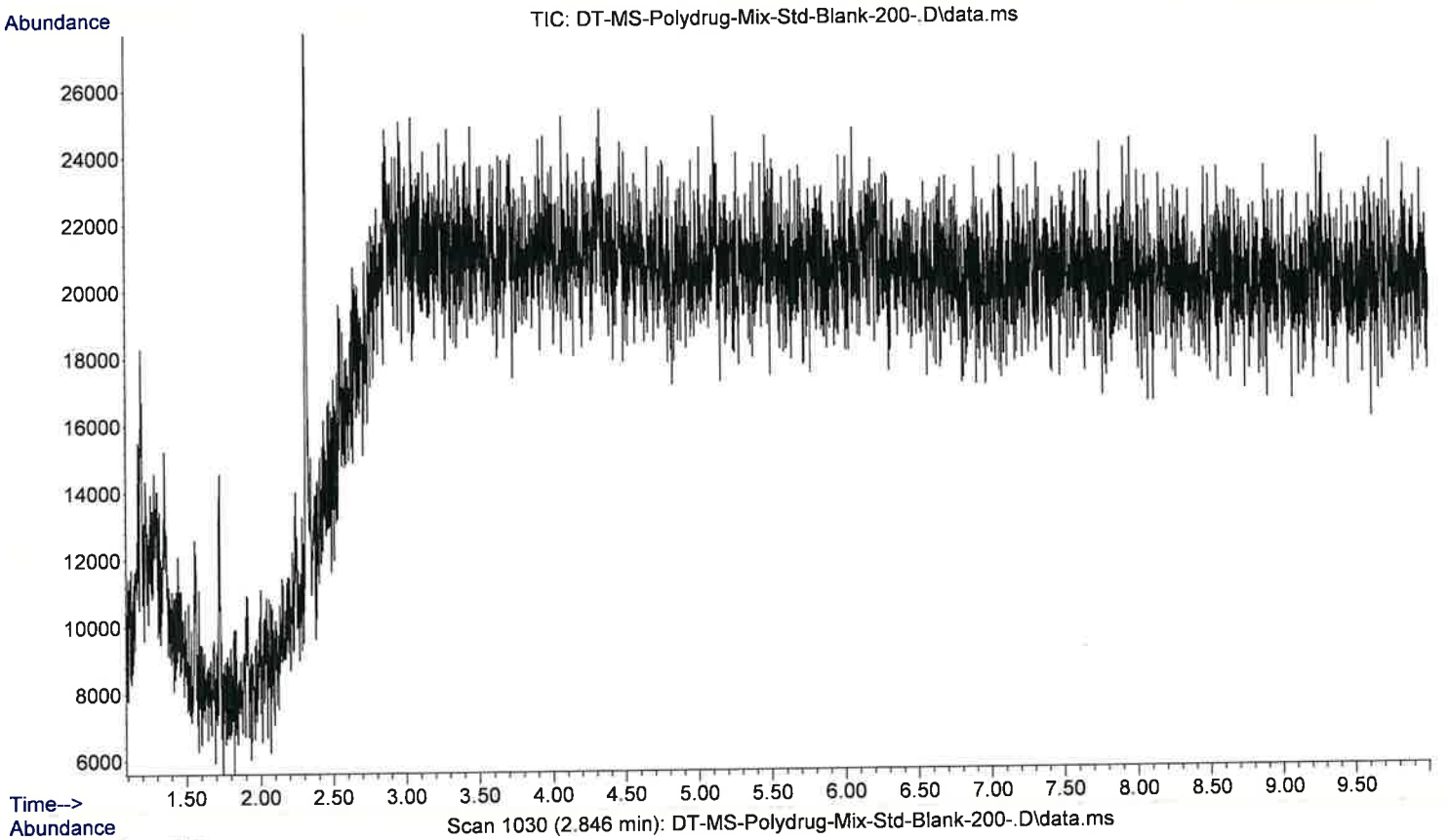
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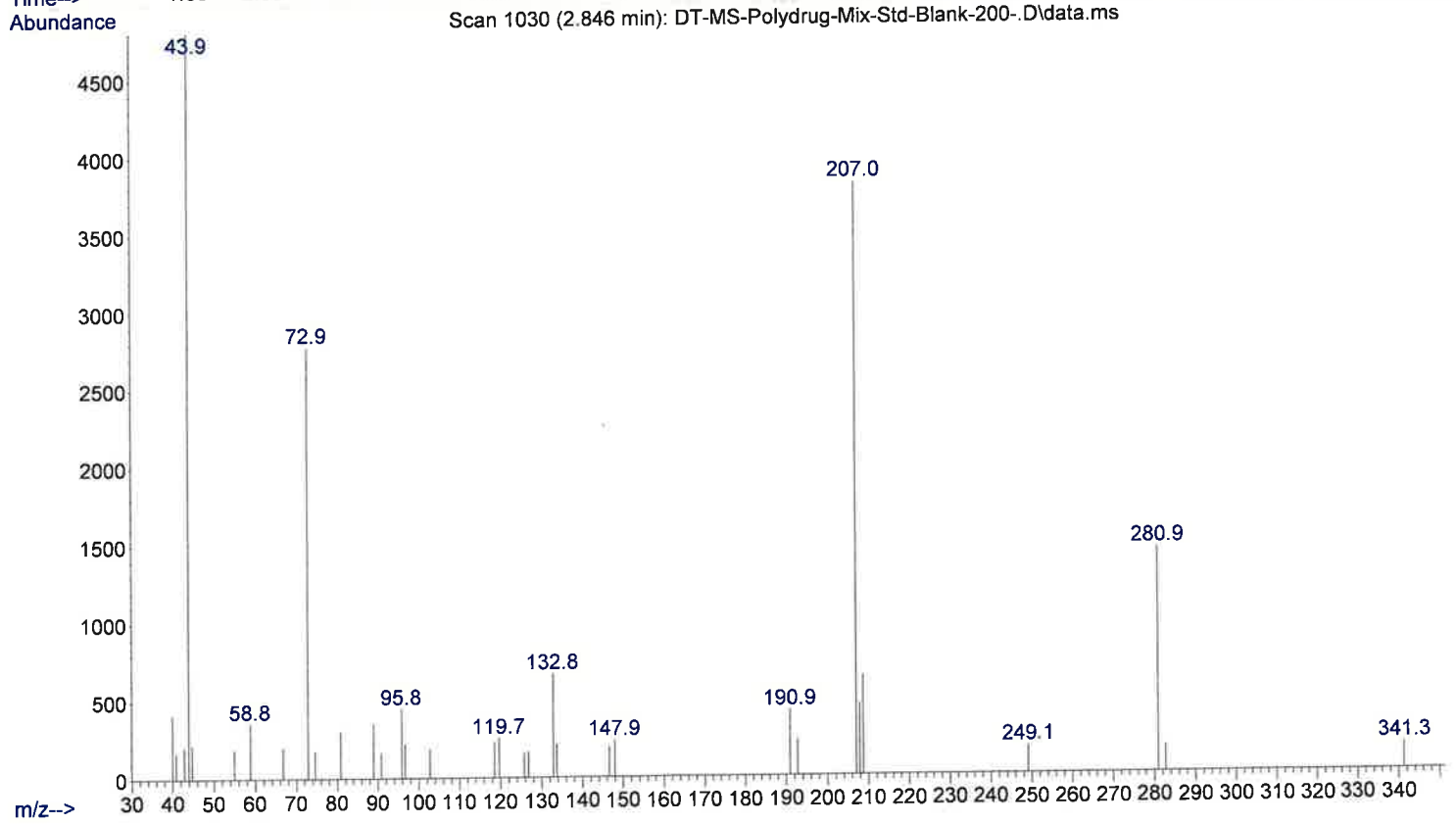
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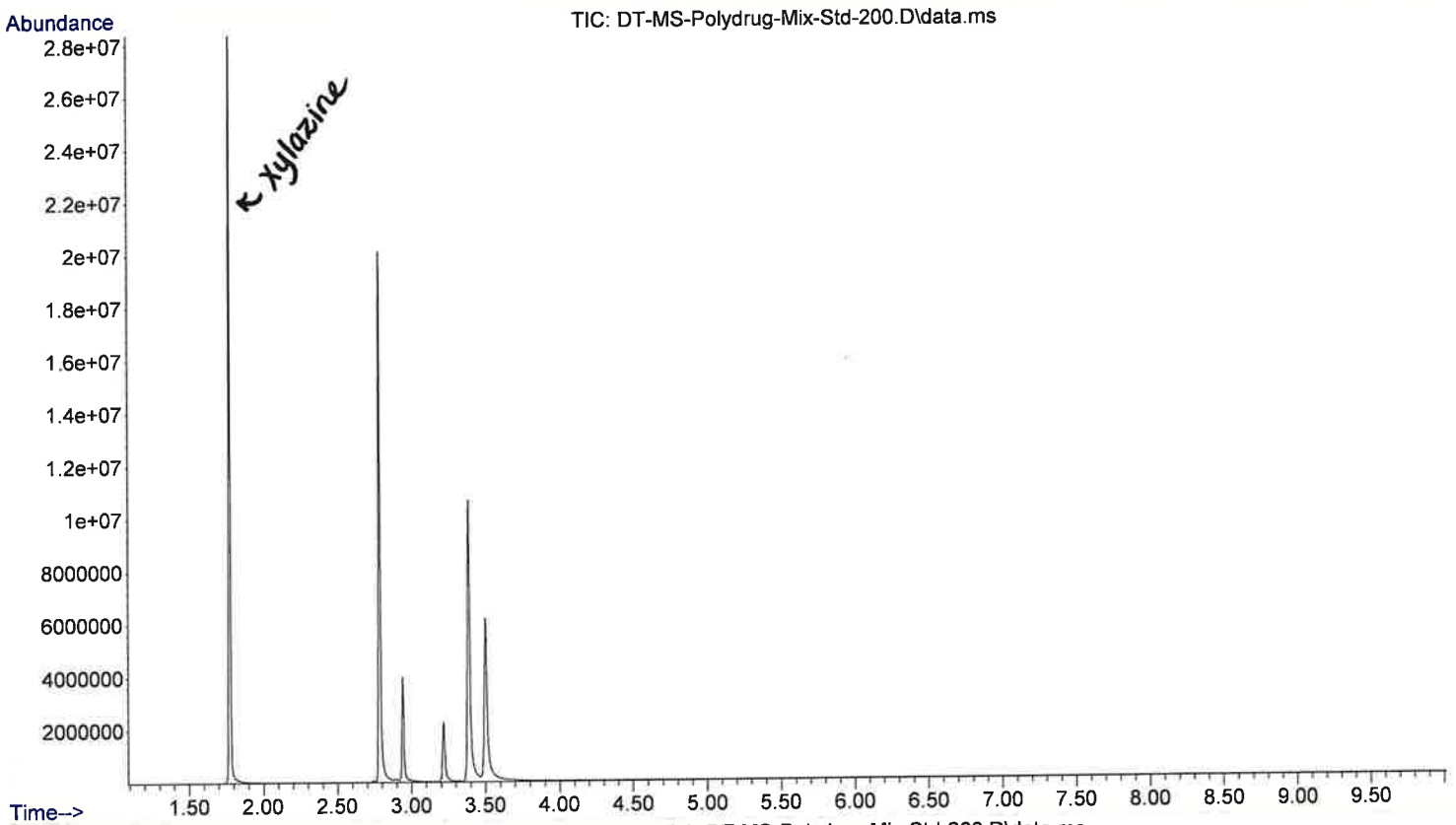
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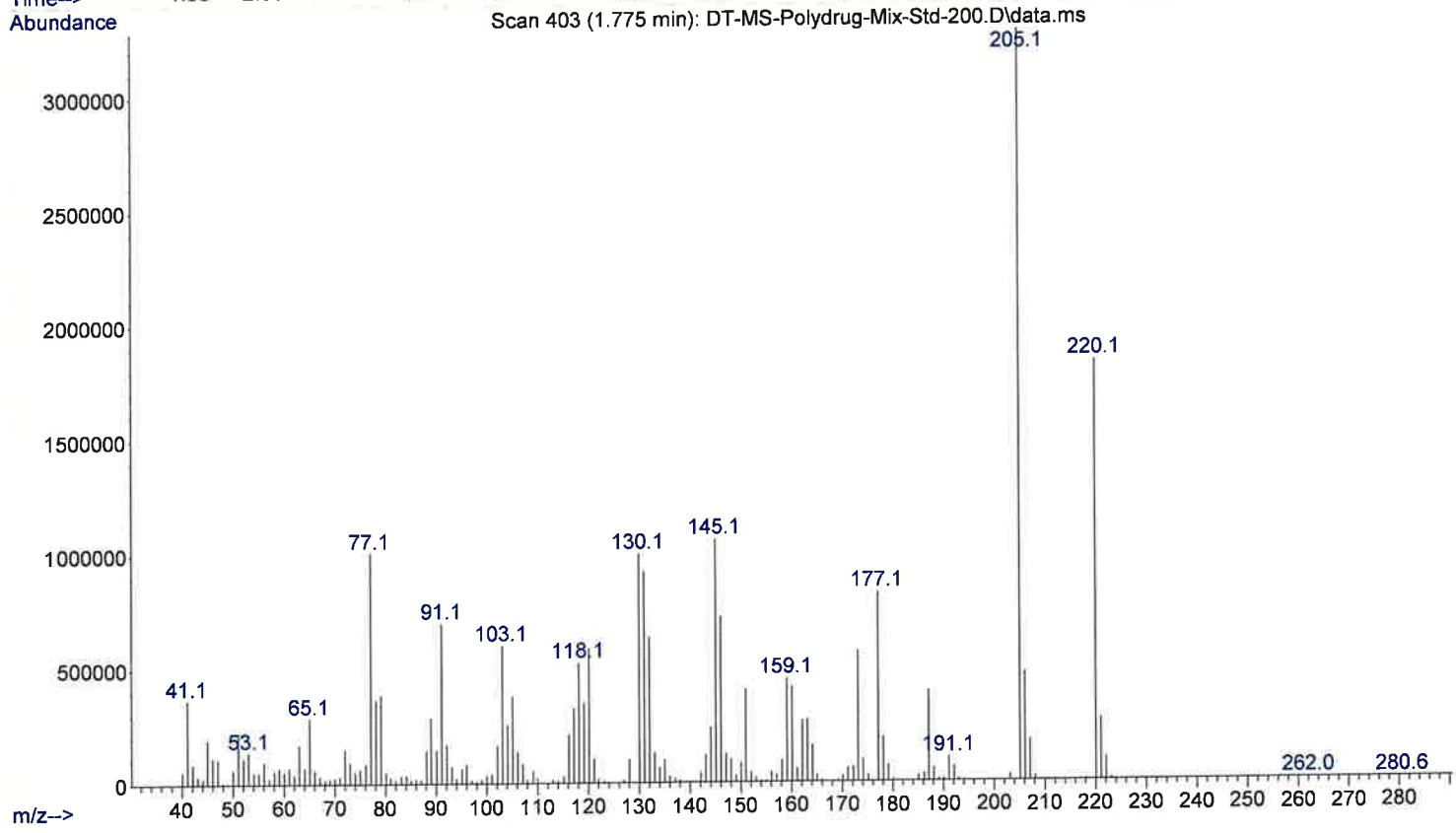
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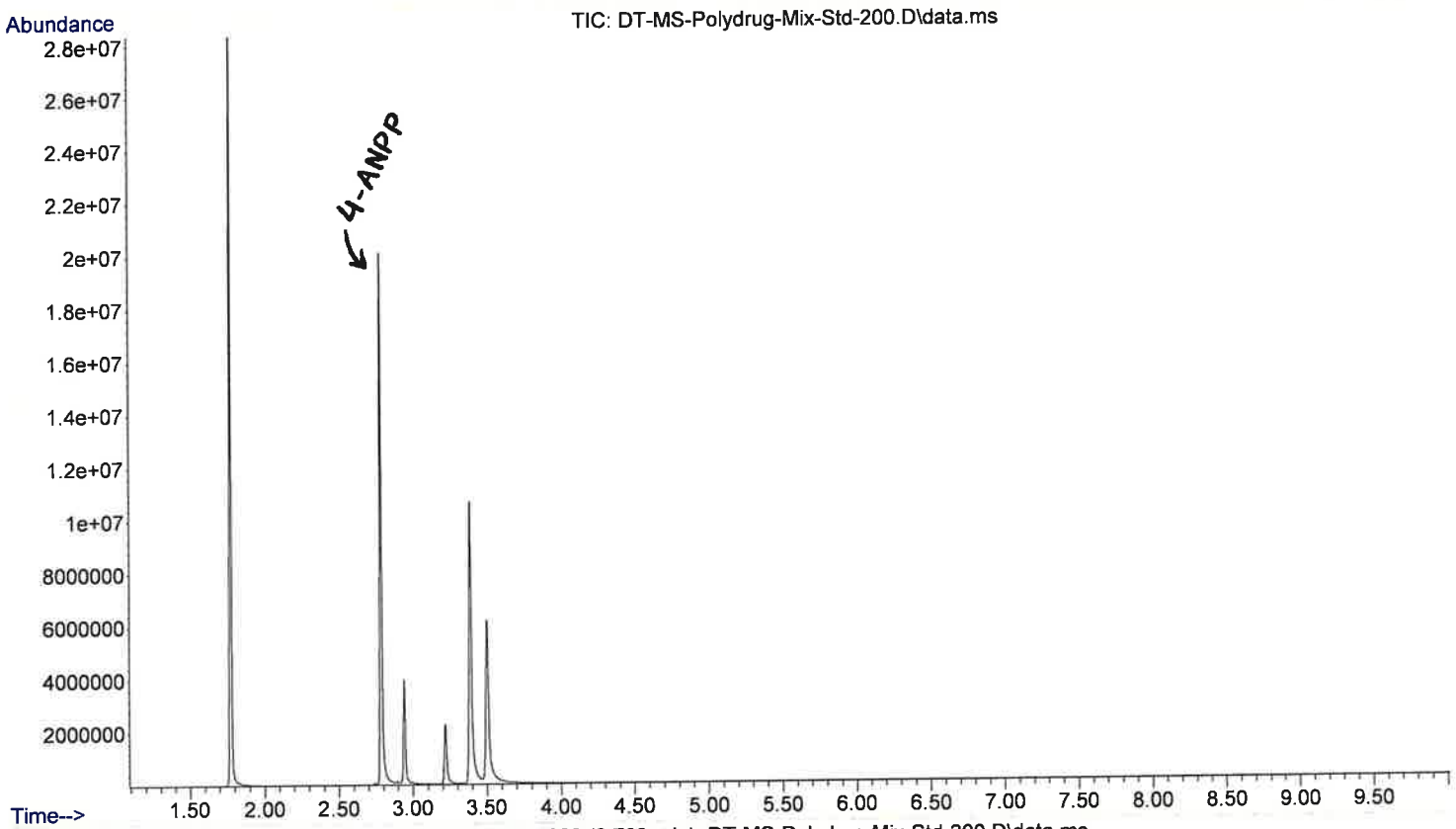


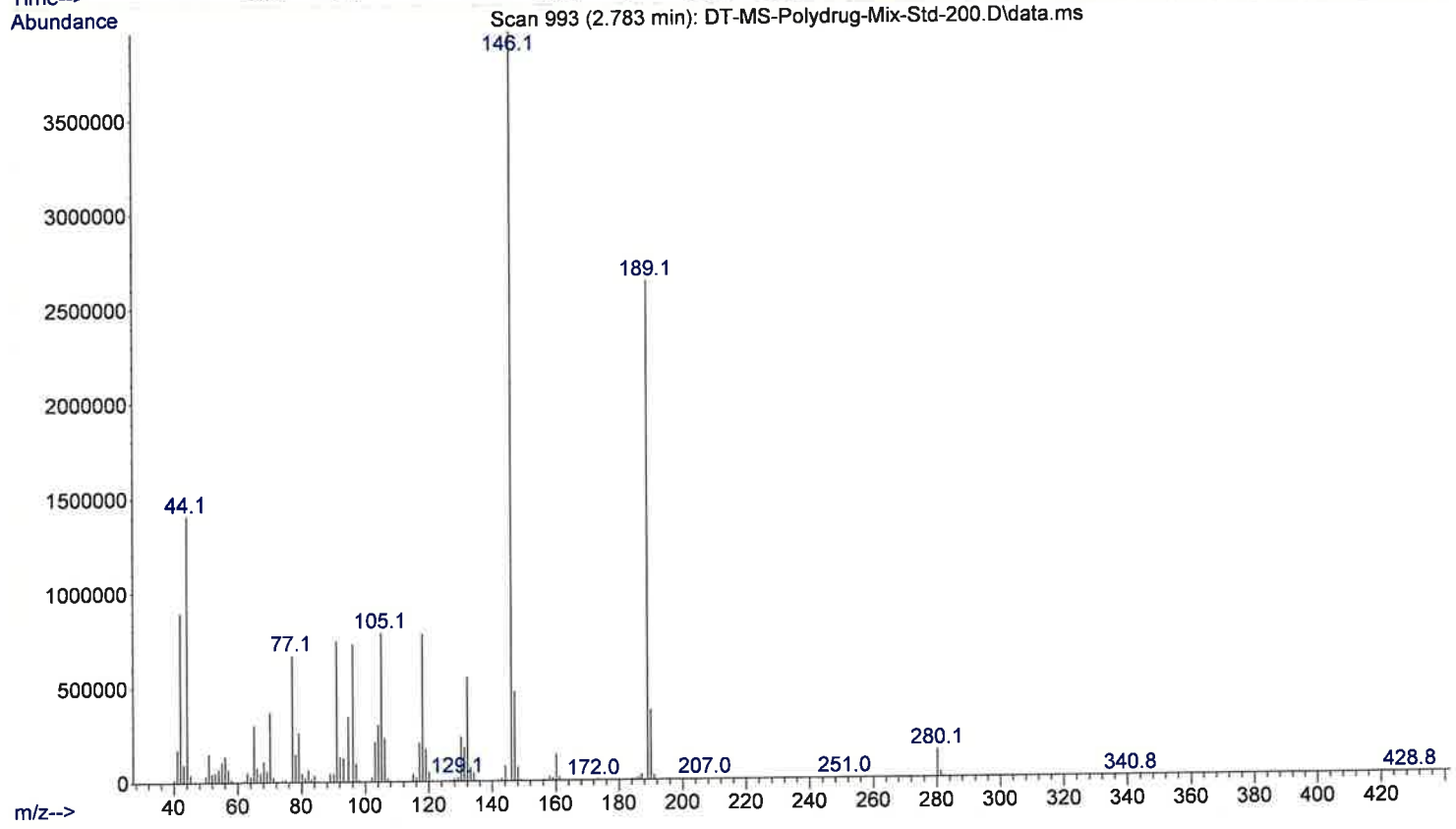
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Misc Info  : Meoh,Exp 12-11-25
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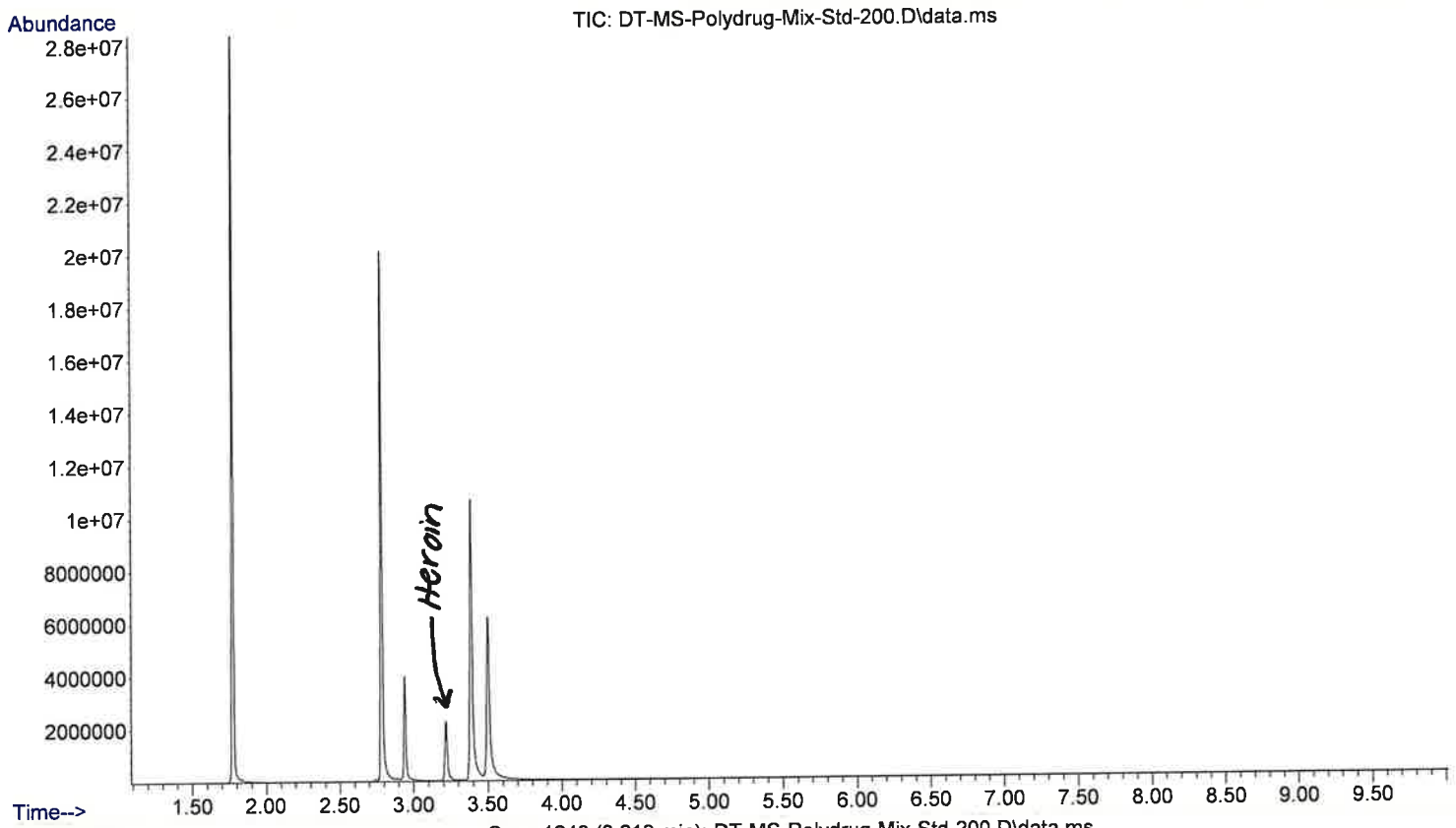


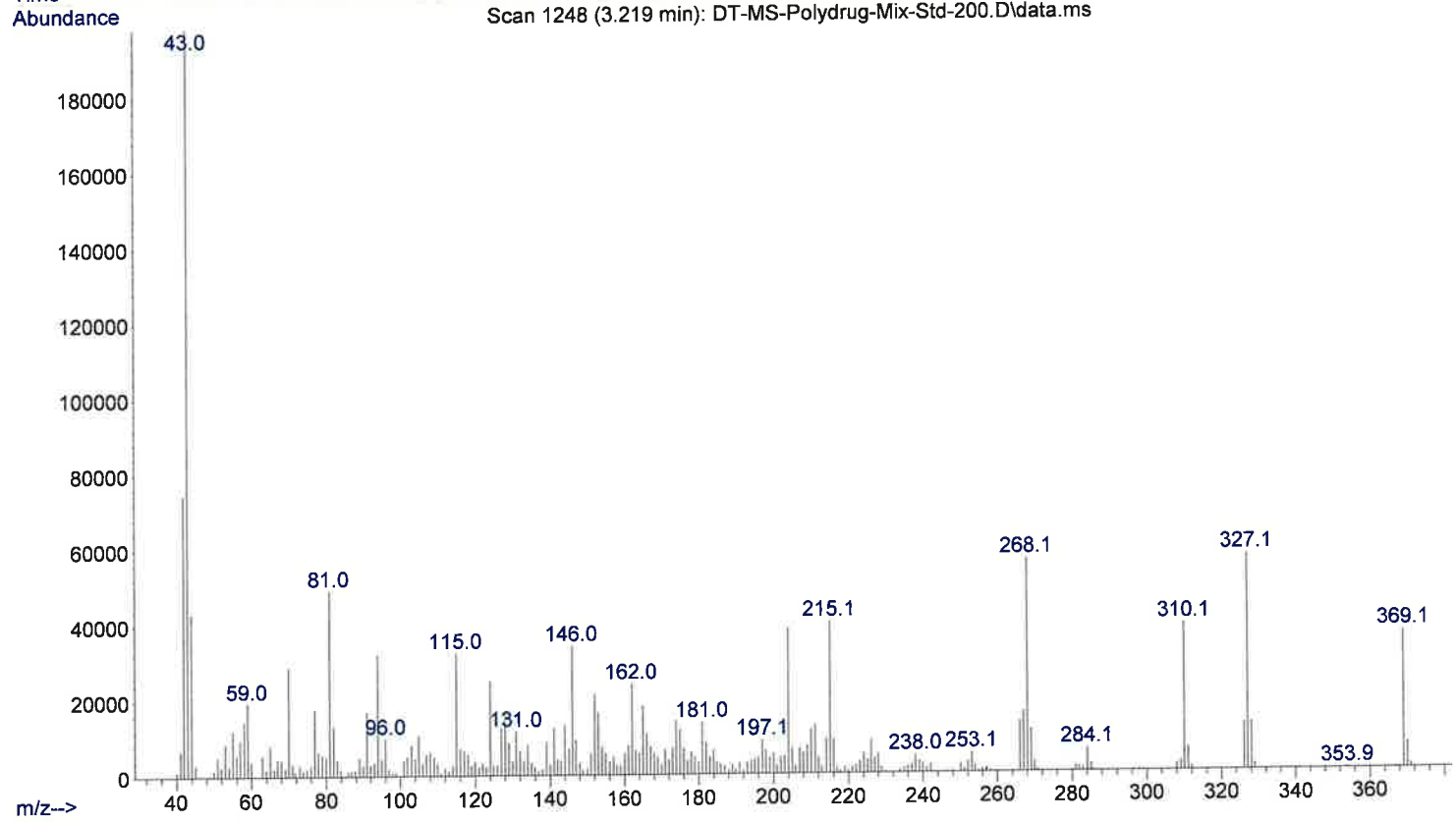
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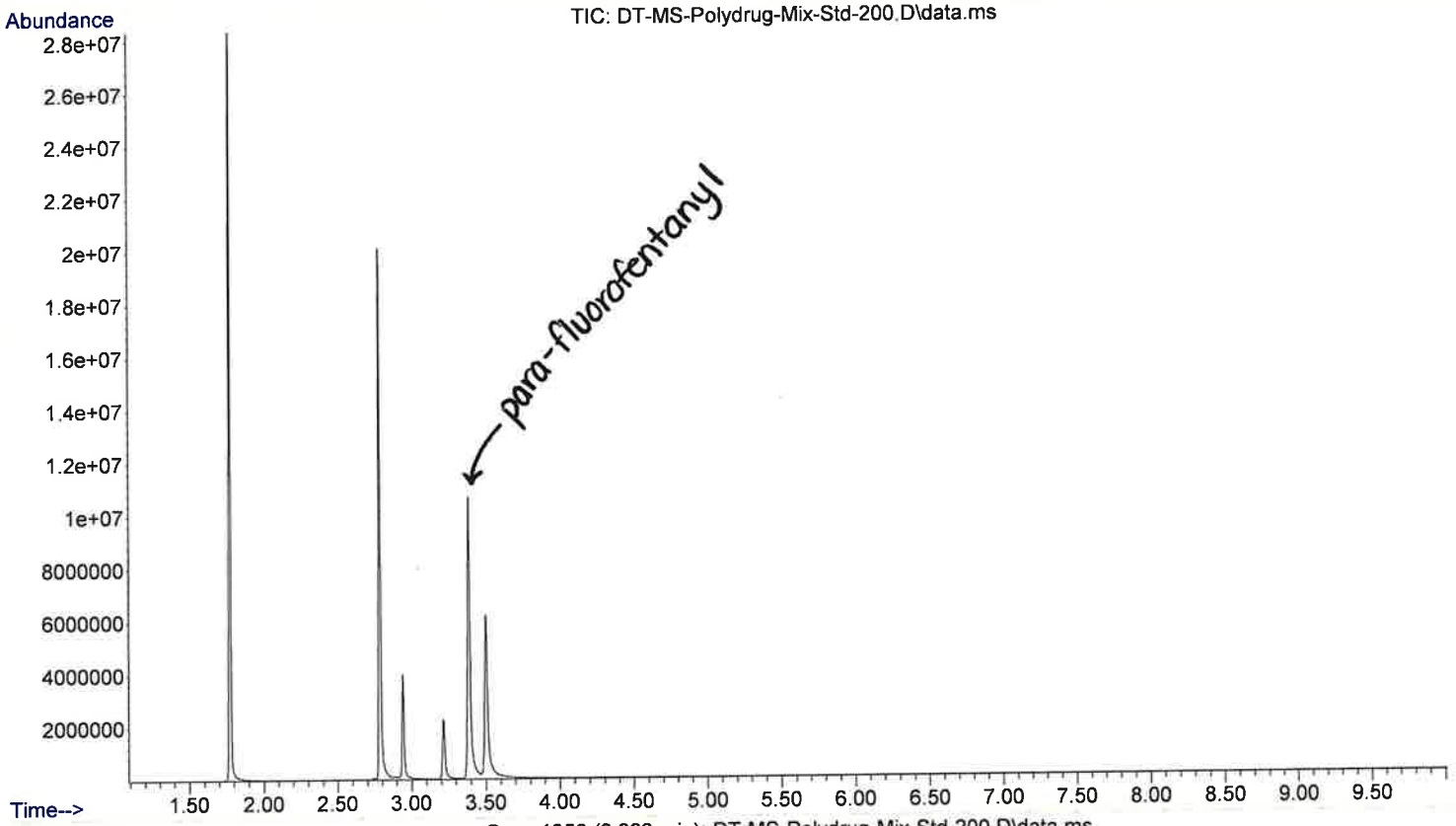


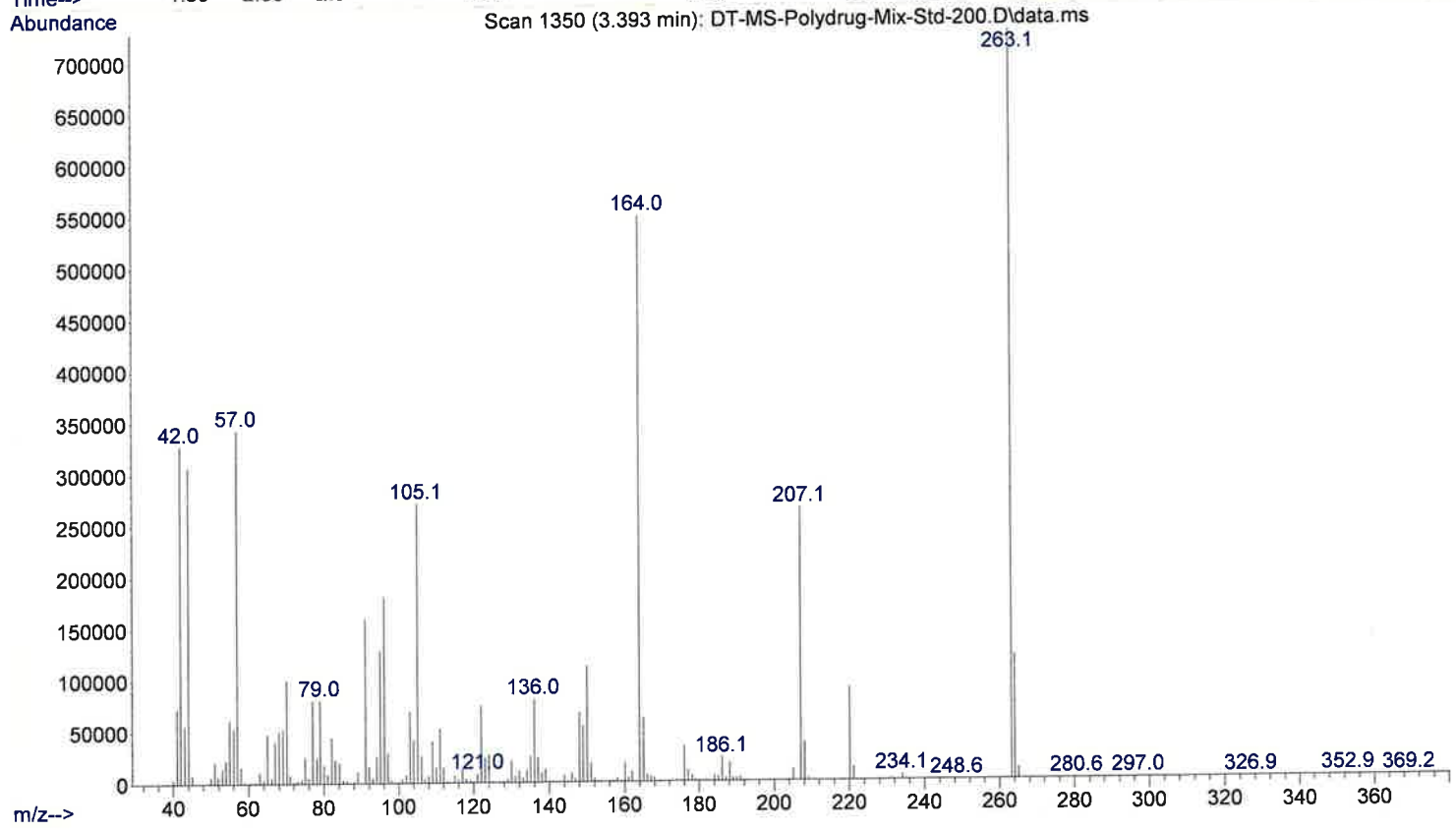
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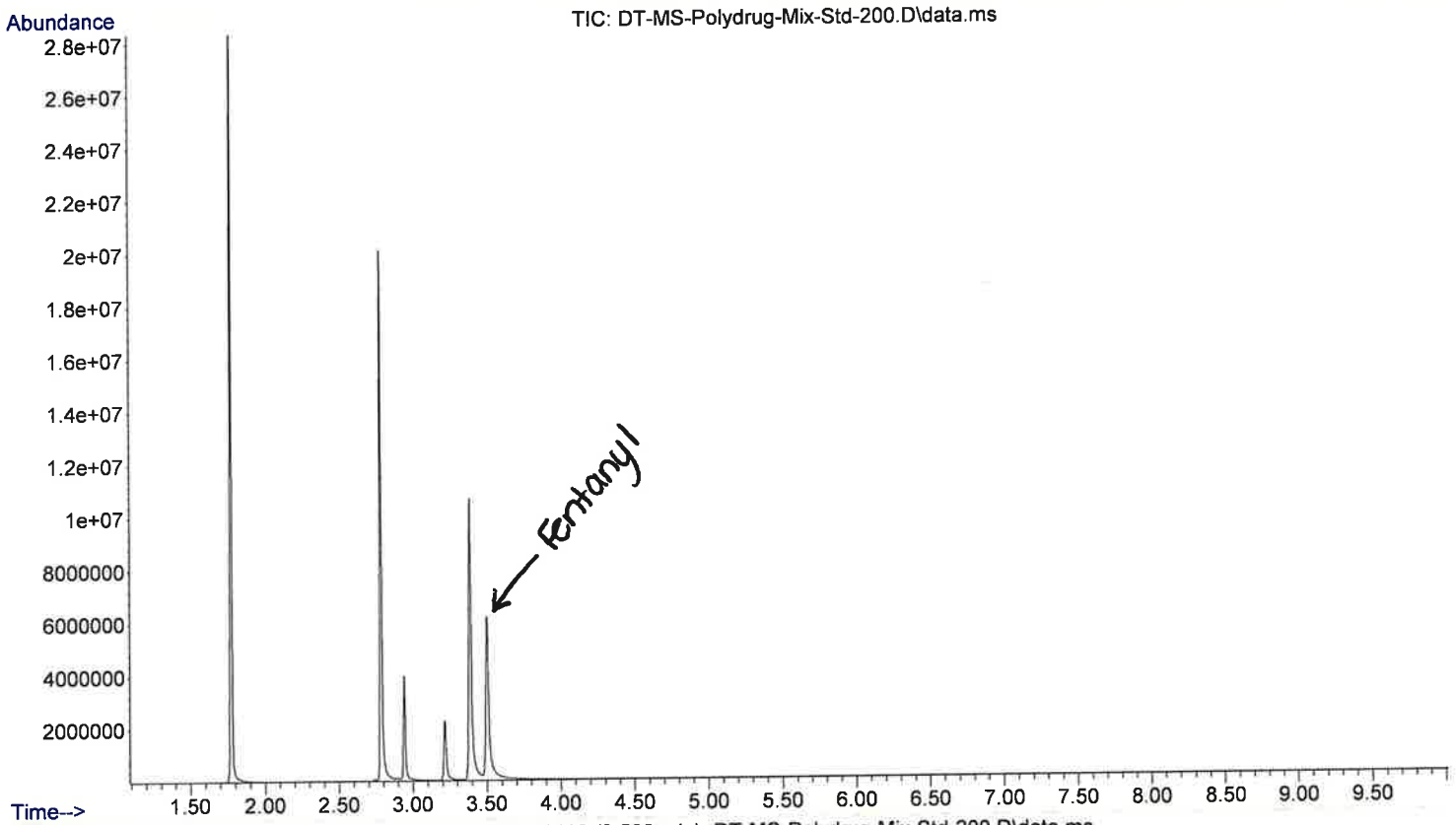


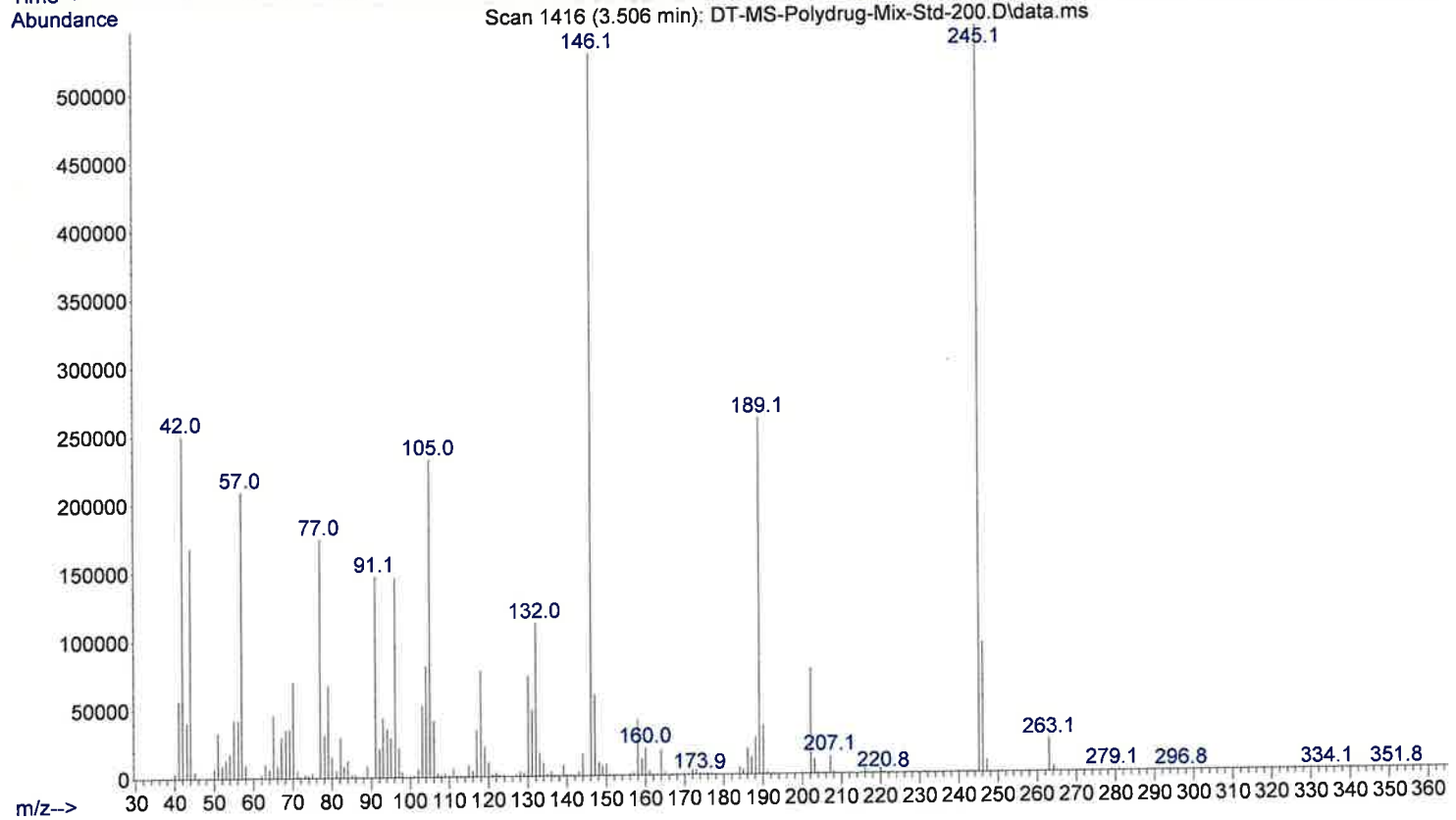
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Sample Name: Polydrug Mix Std
Misc Info : Meoh,Exp 12-11-25





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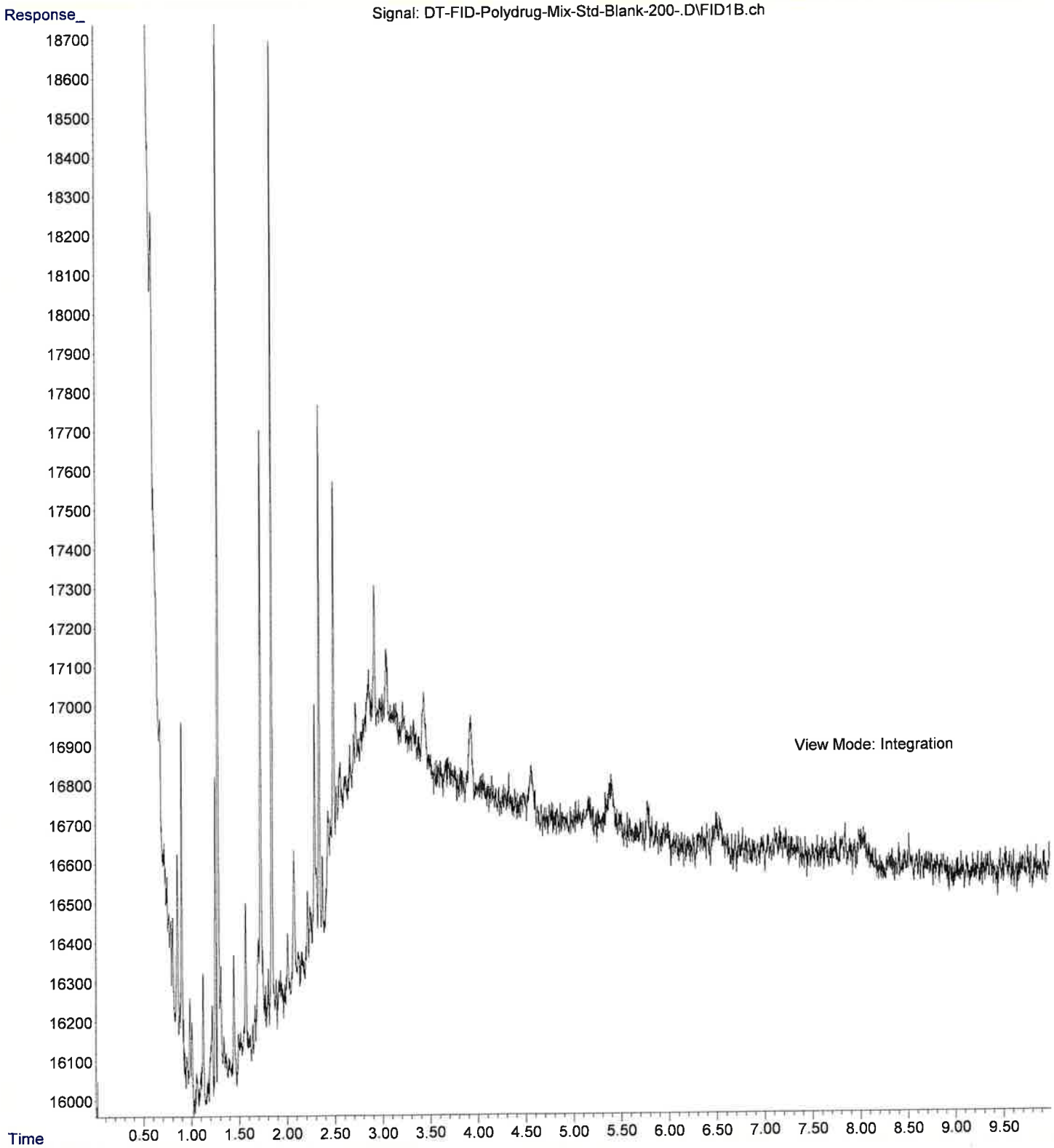




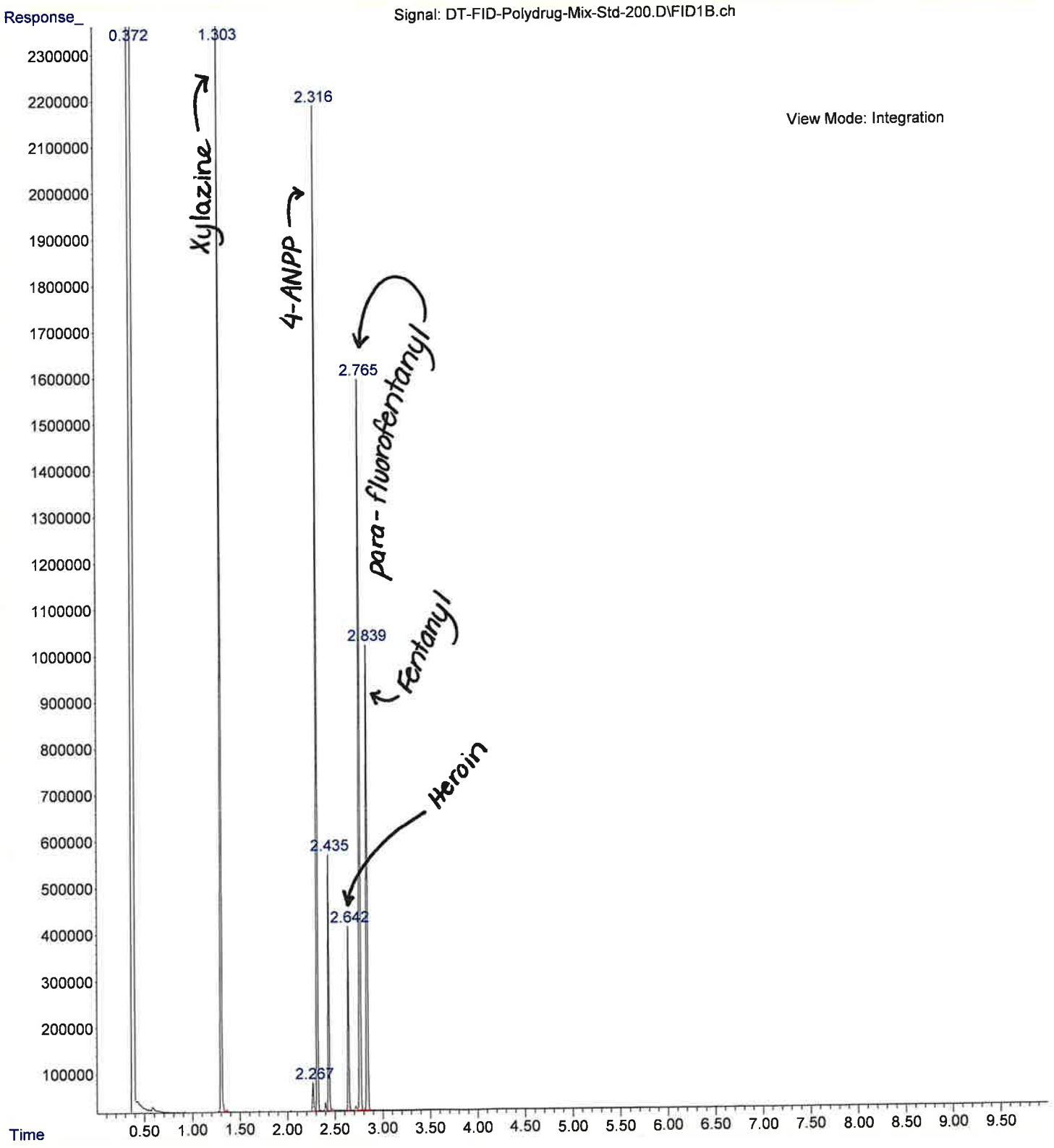
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NOSD



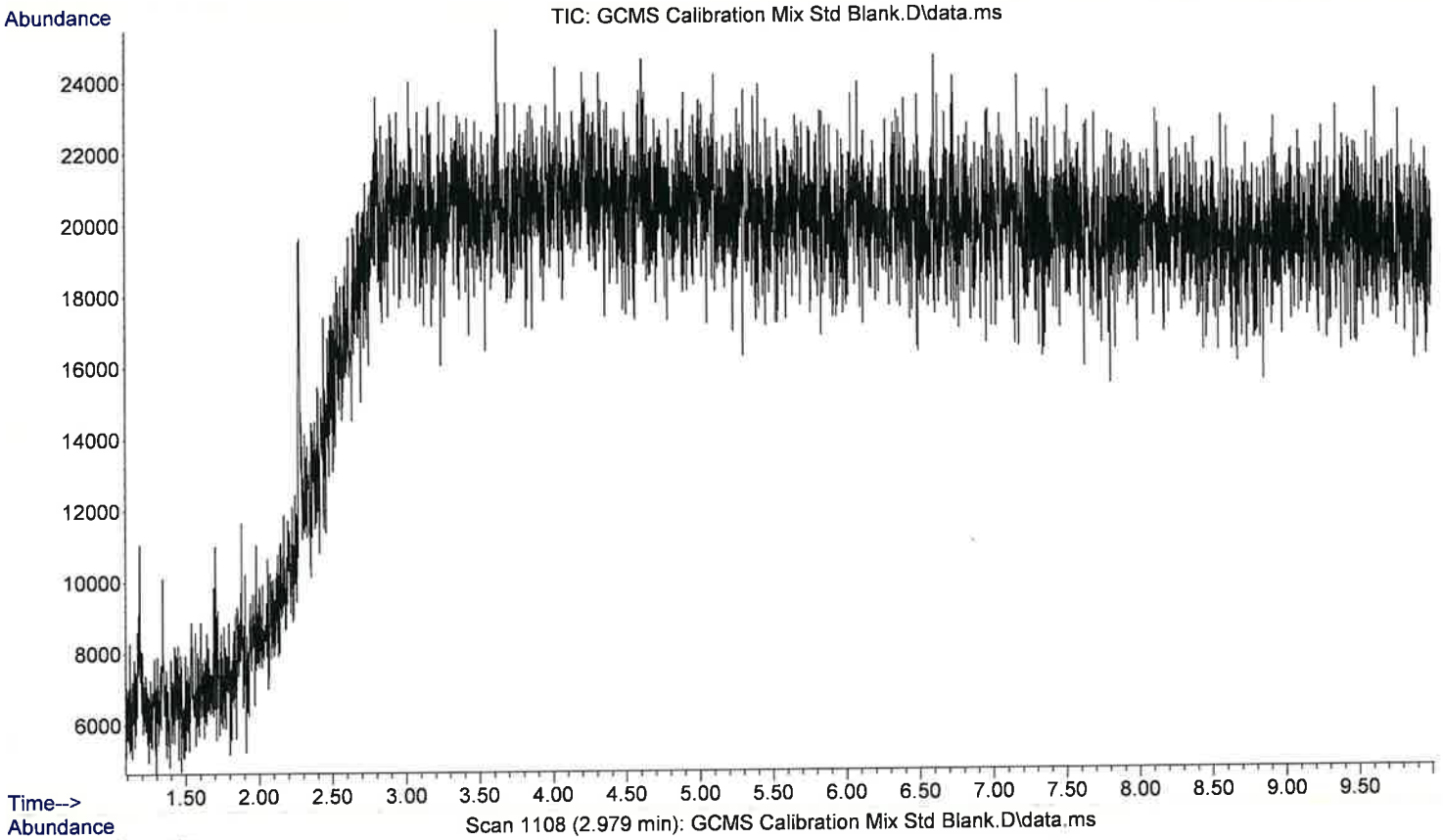
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Misc Info  : Meoh,Exp 12-11-25
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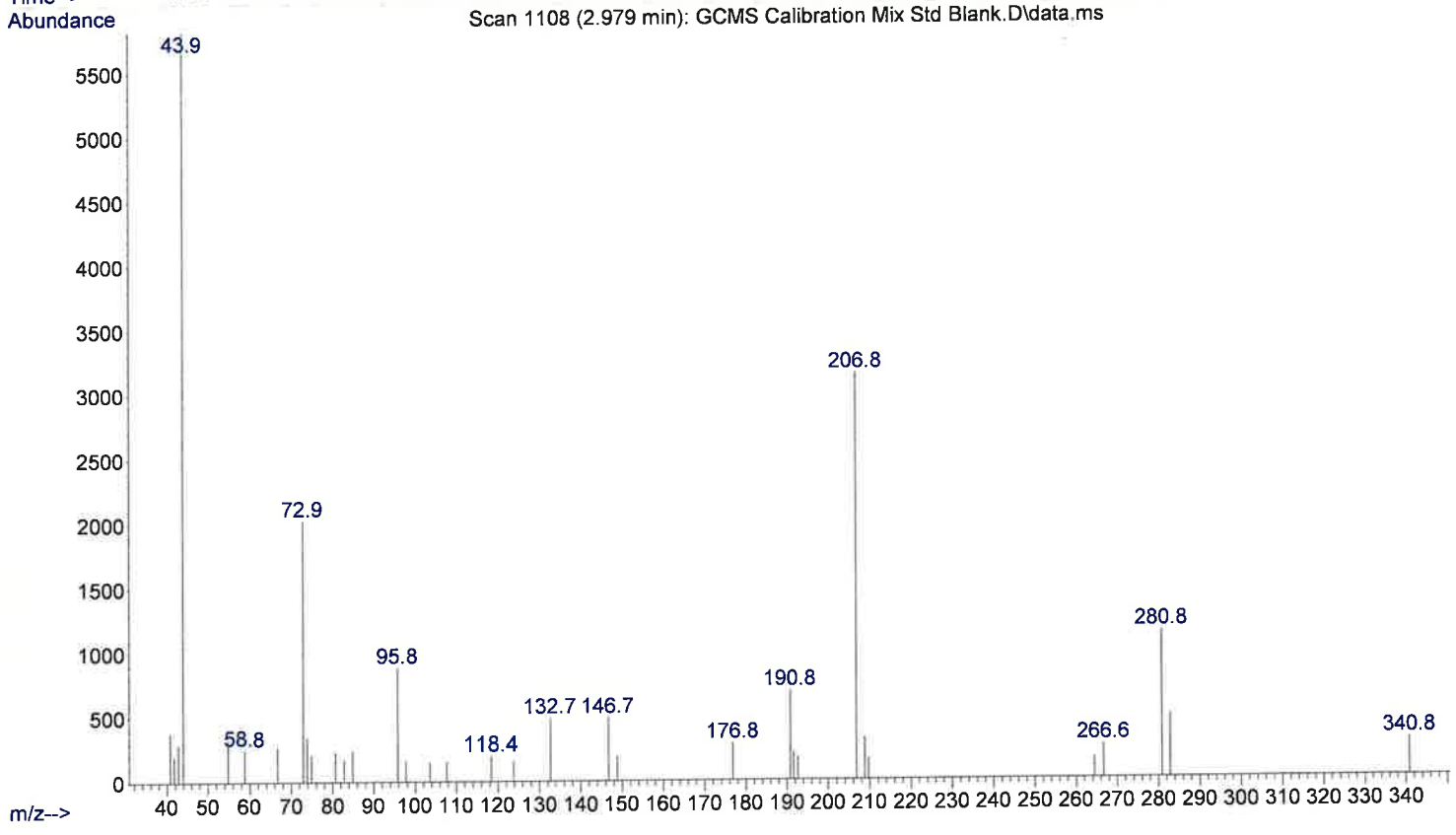


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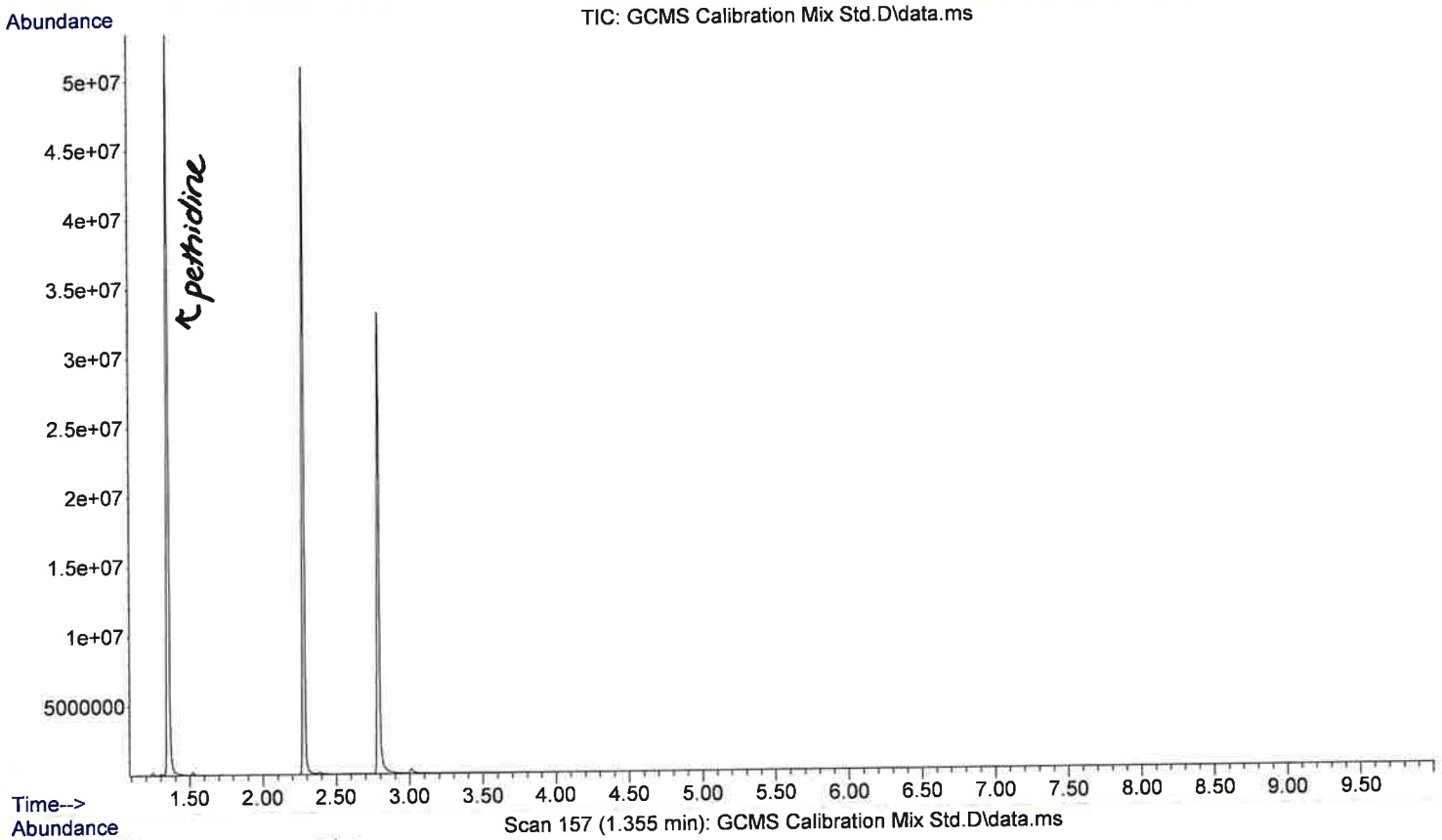
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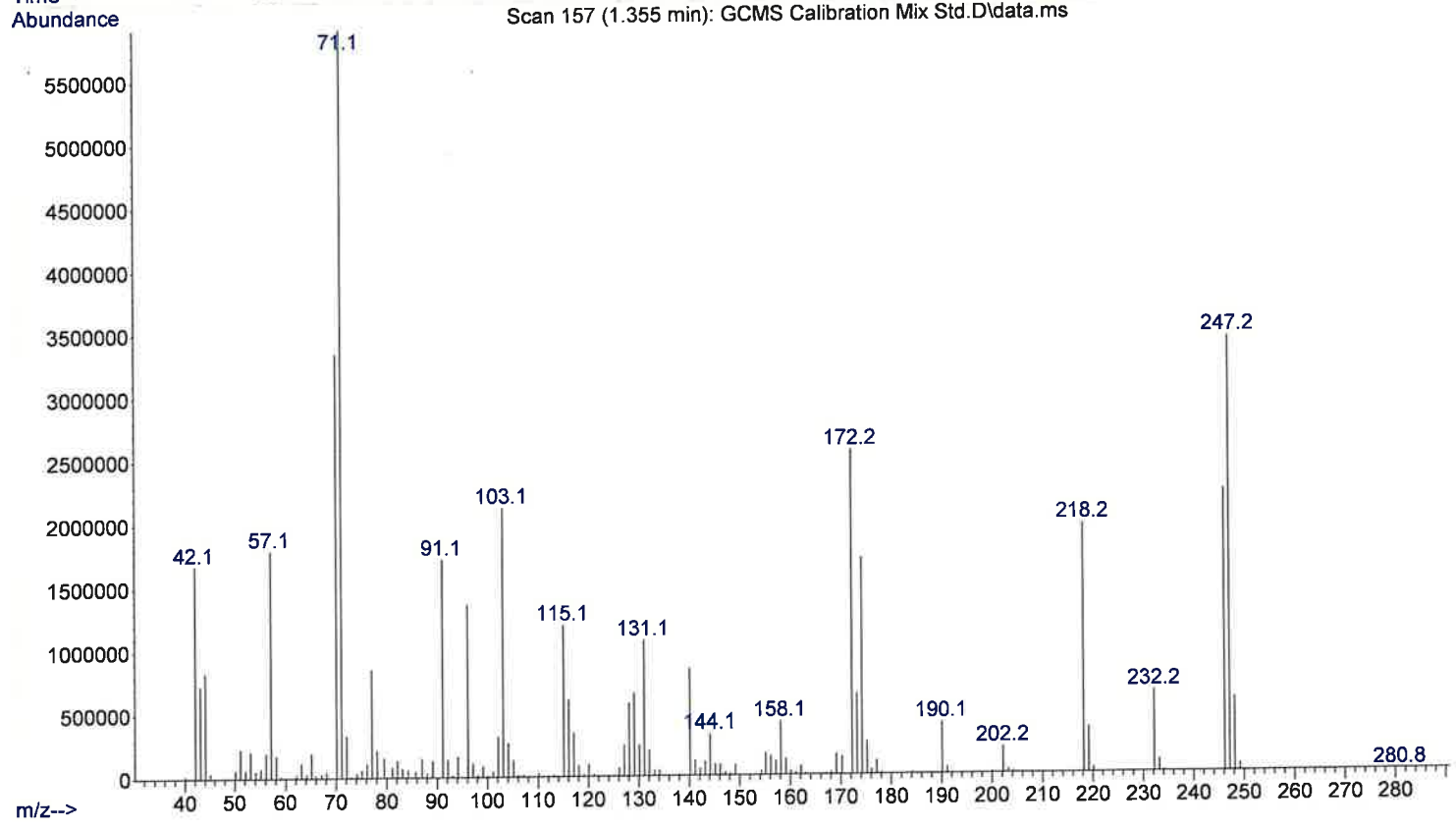
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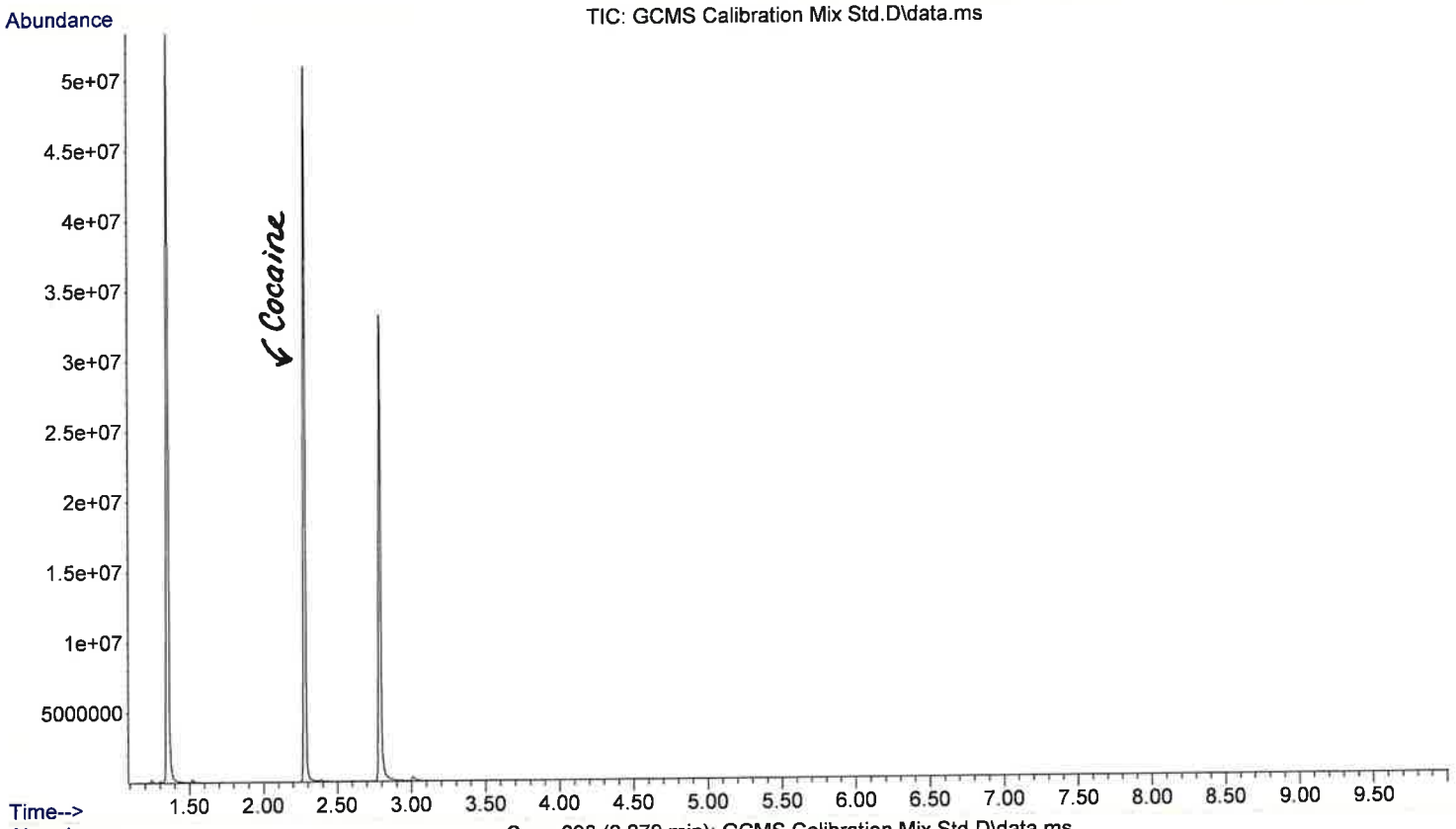


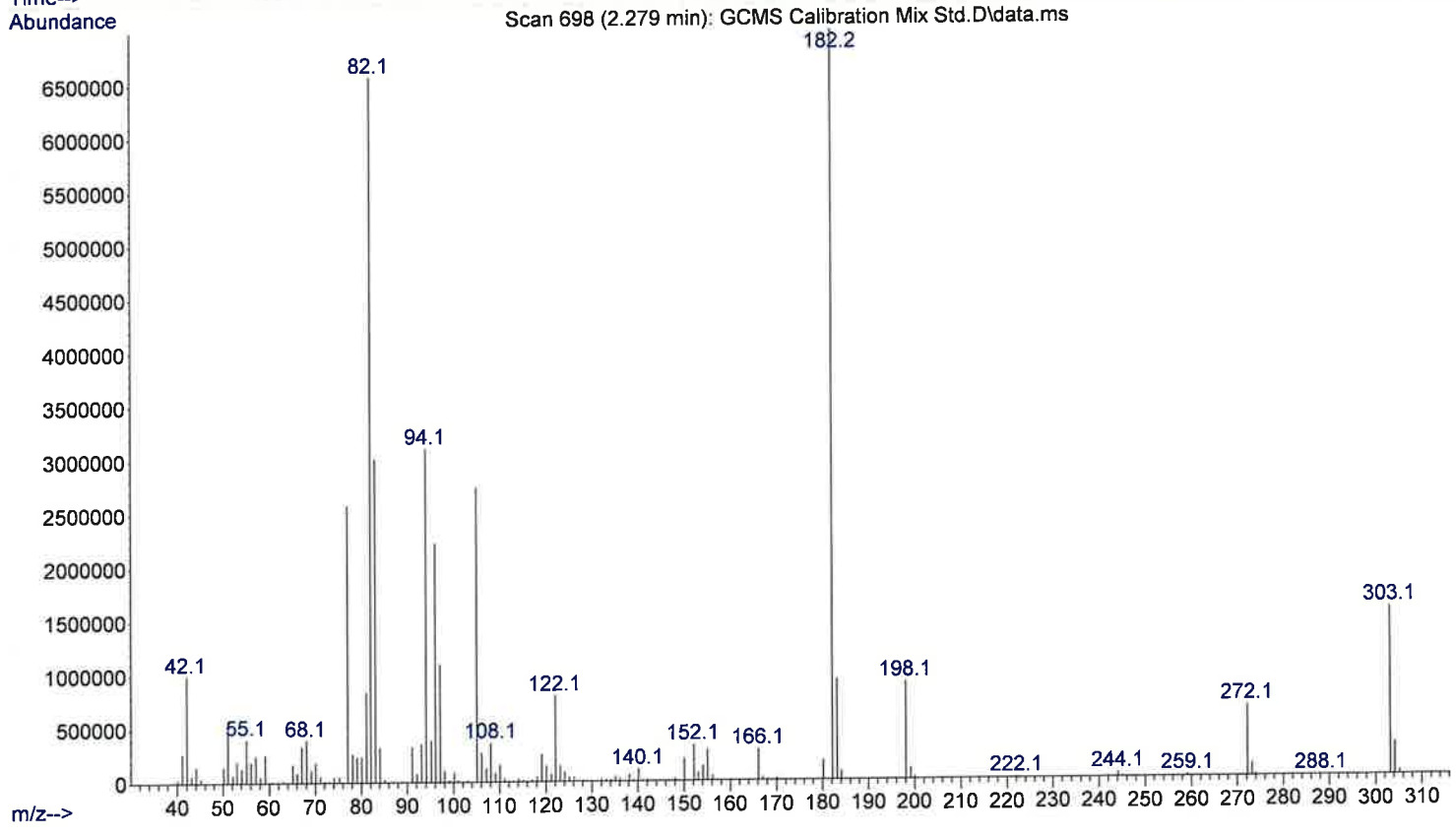
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Misc Info : Meoh,Exp 09-18-25



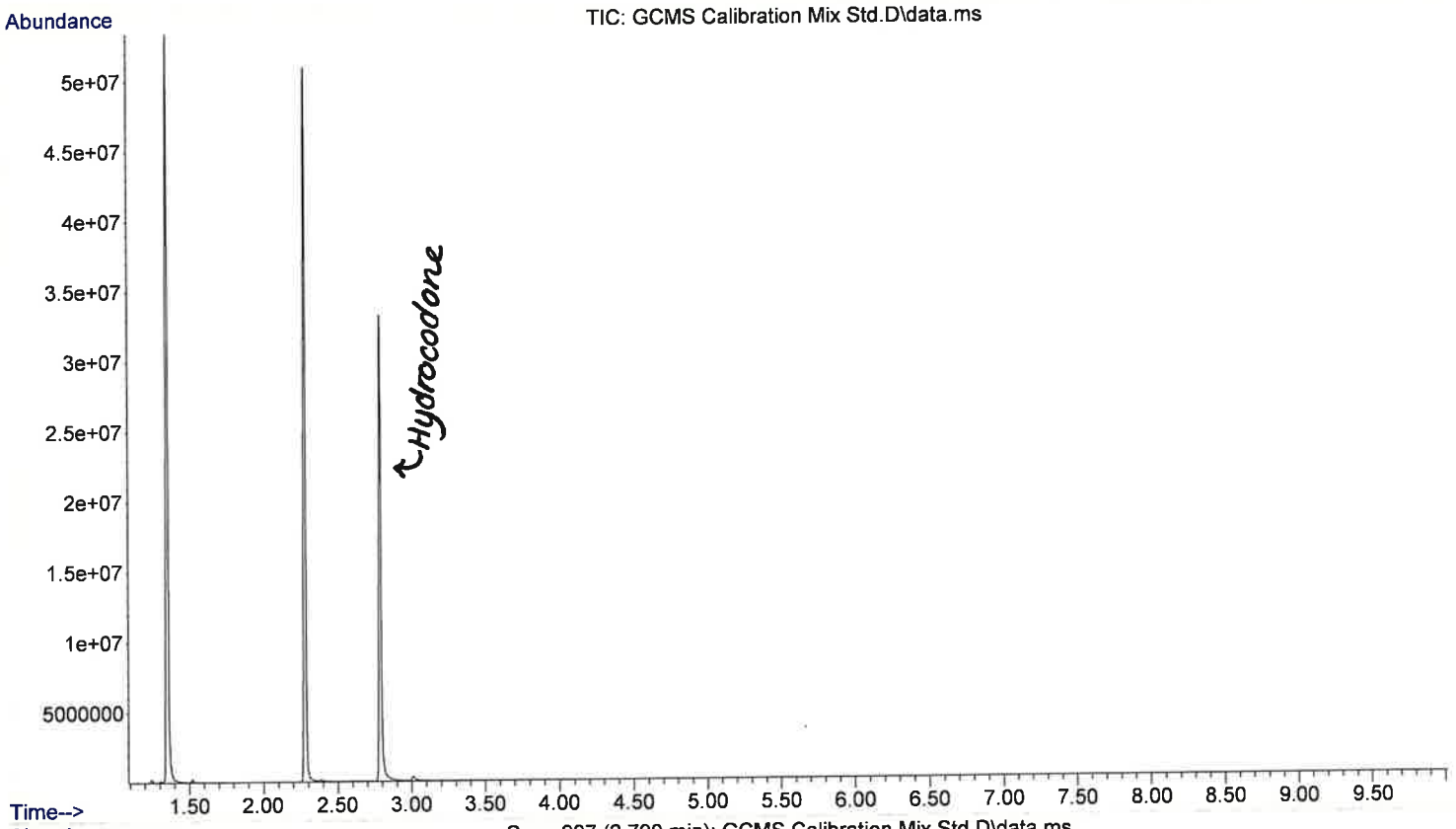


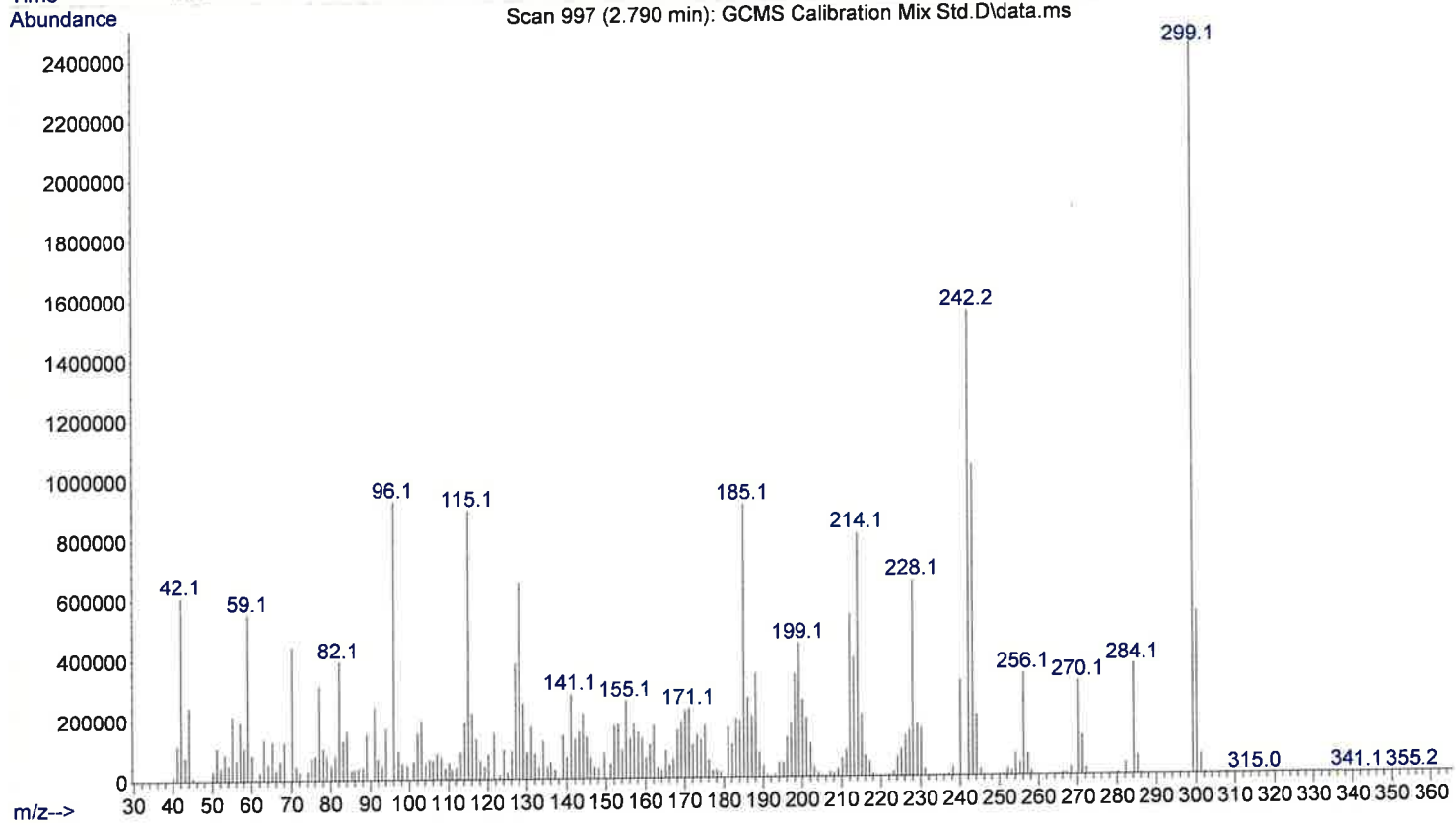
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Misc Info : Meoh,Exp 09-18-25





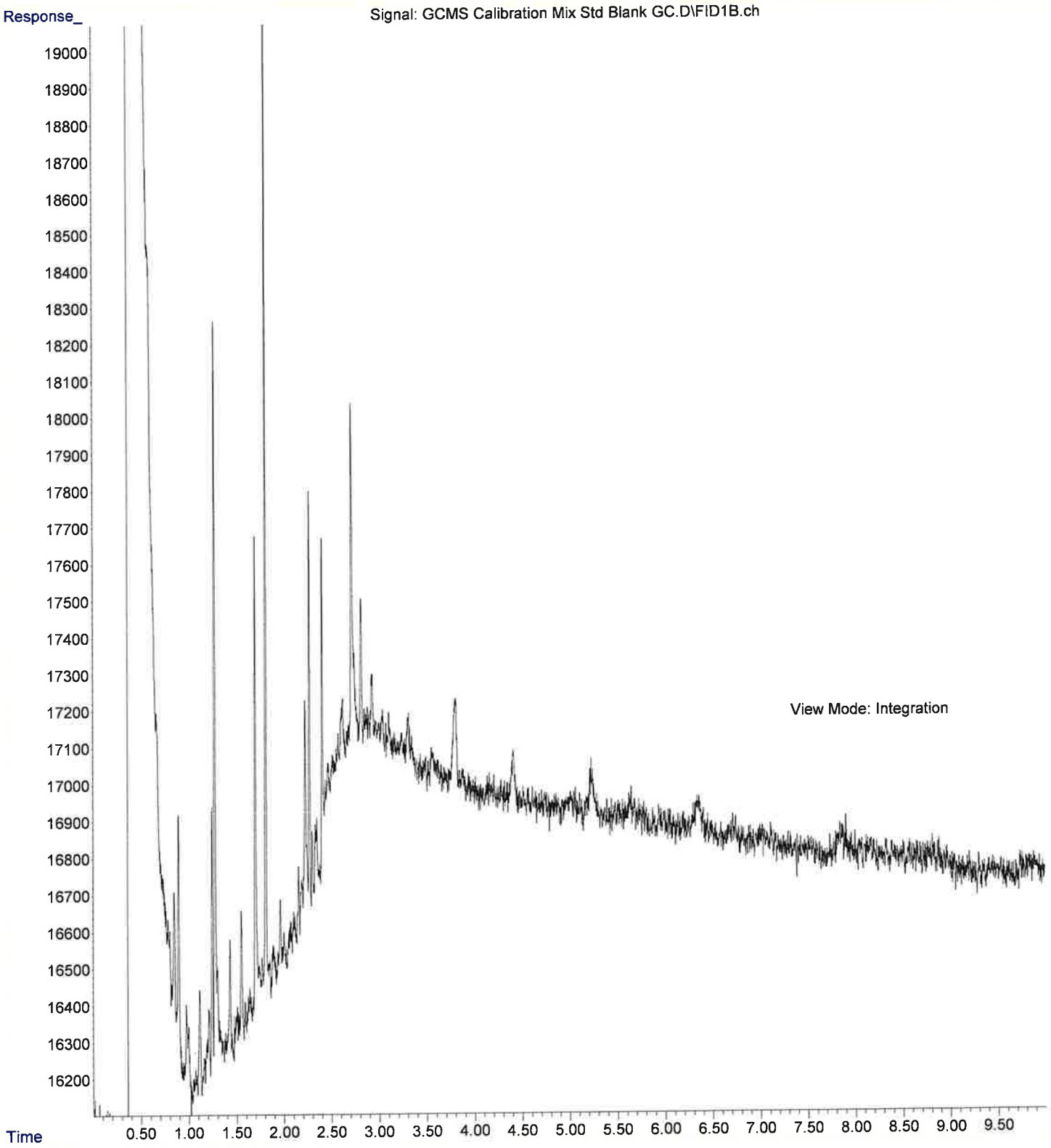
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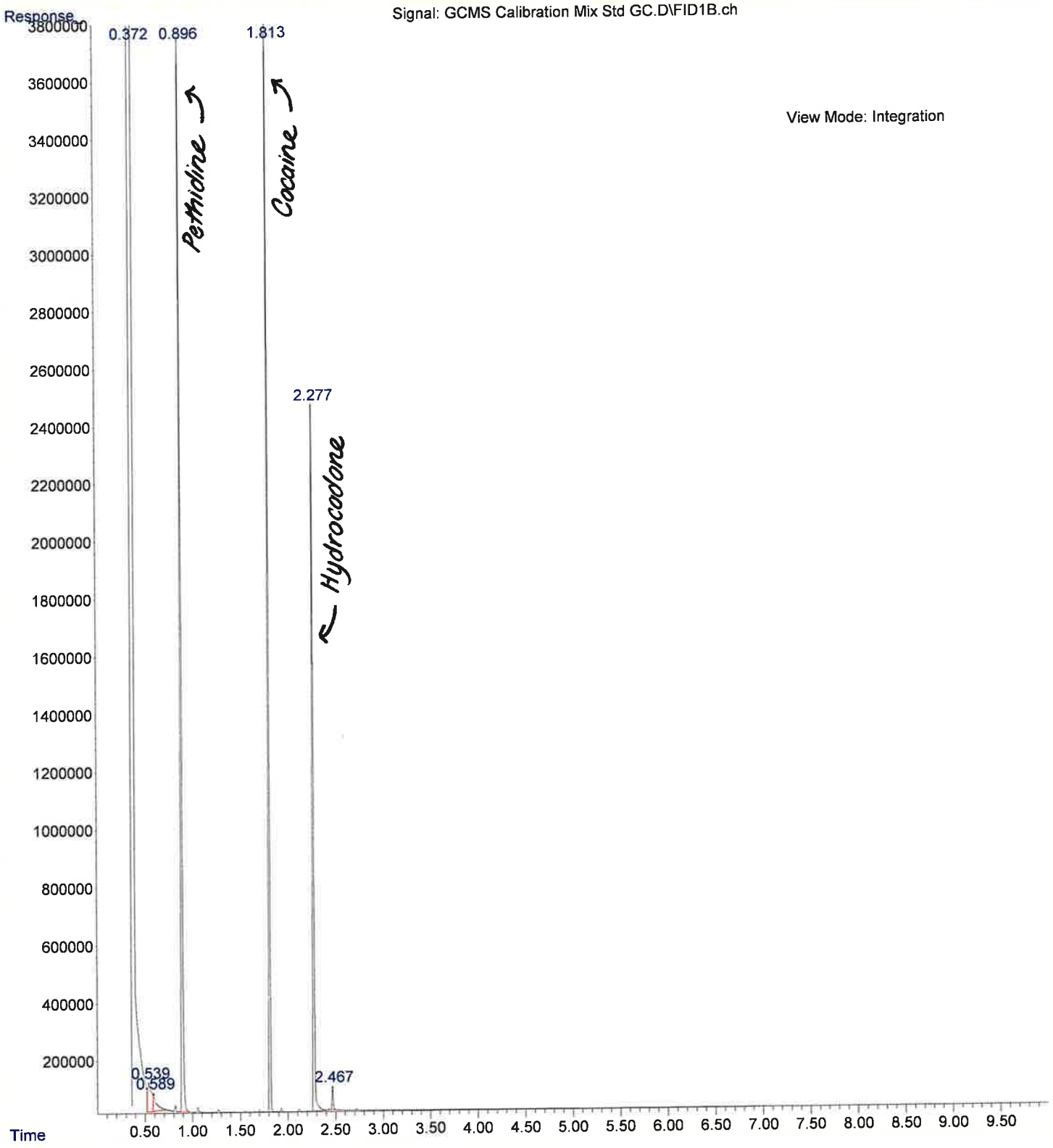


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NCSD

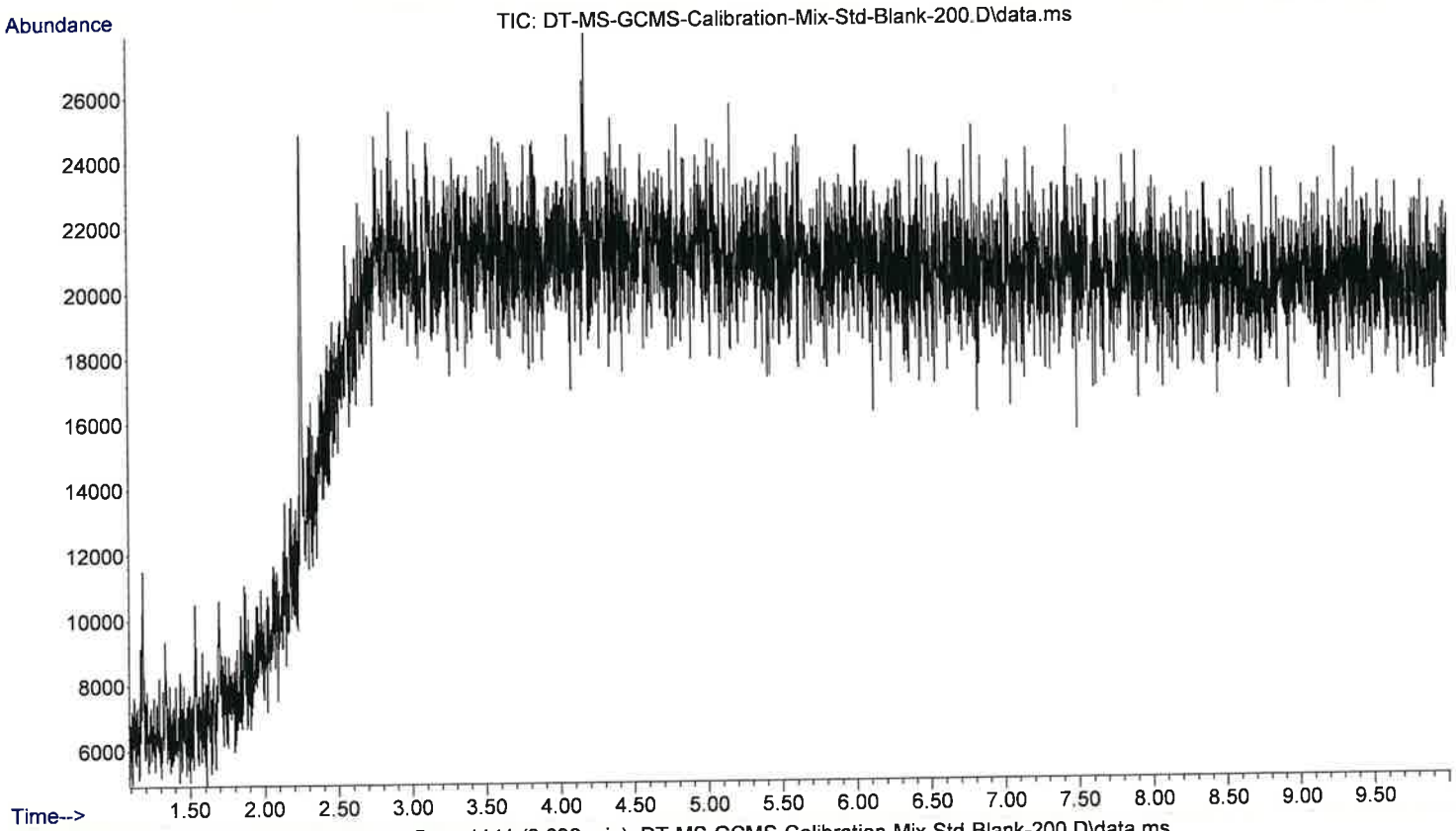


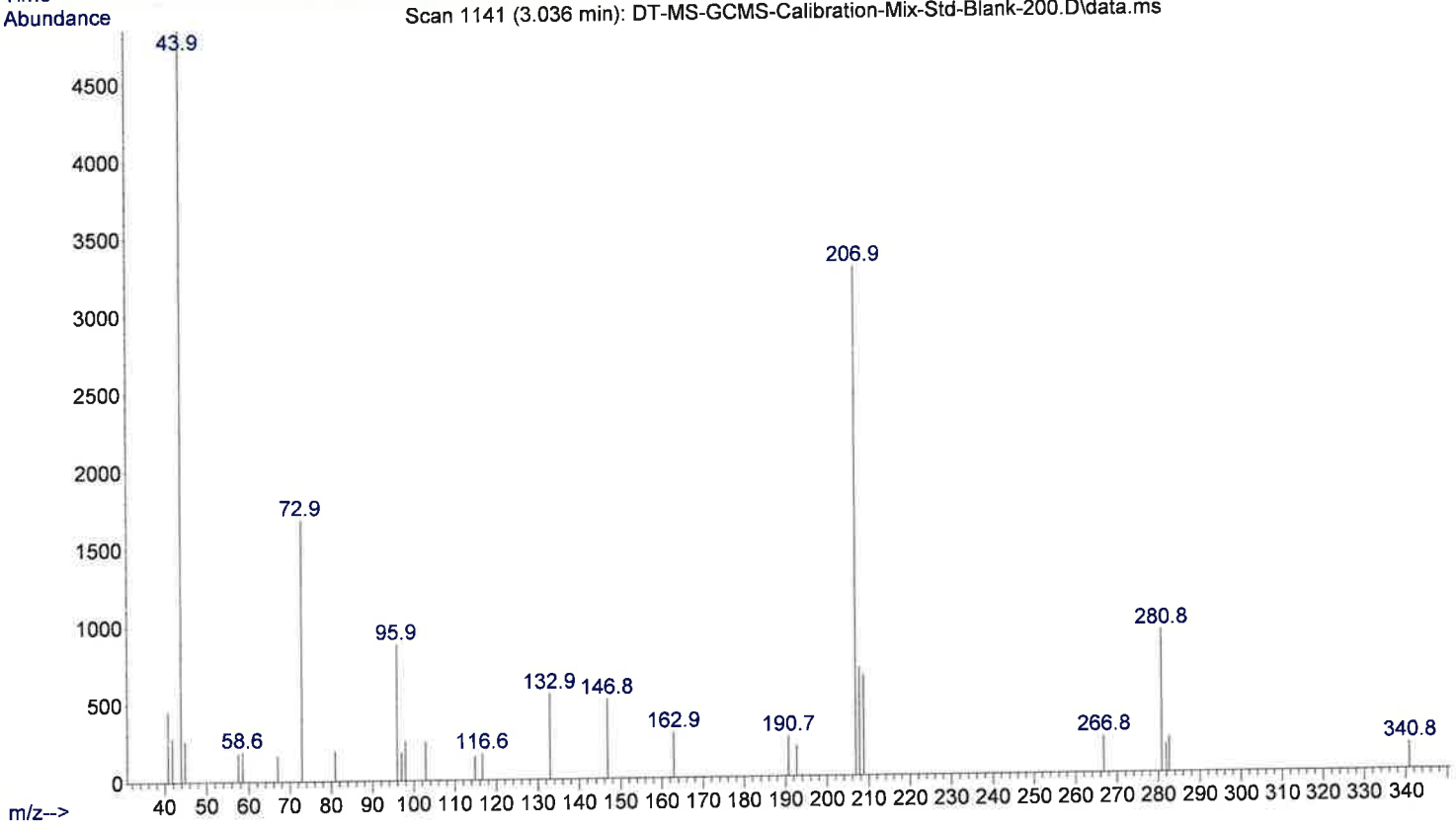
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Misc Info : Meoh,Exp 09-18-25



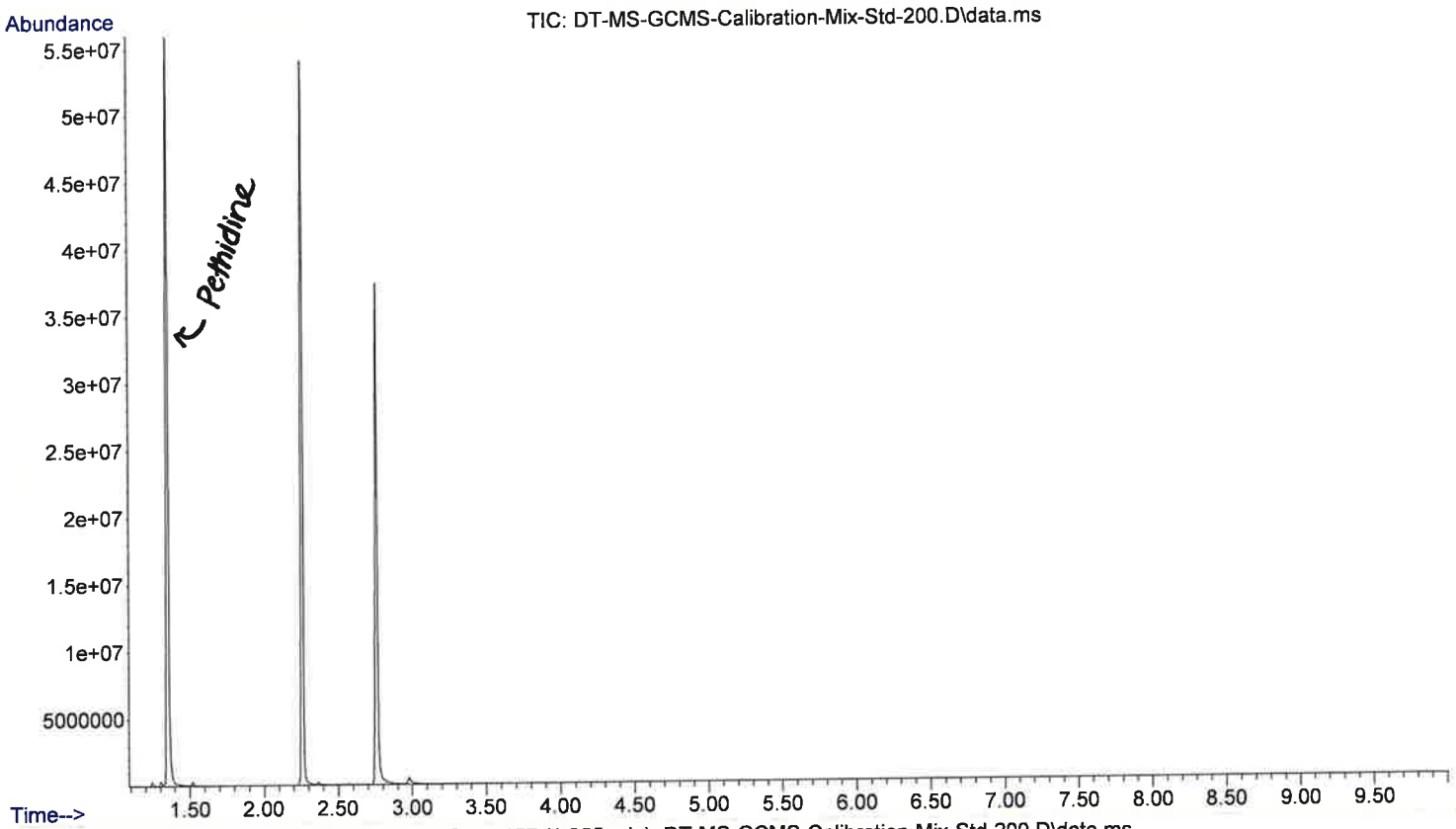
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Sample Name: GCMS Calibration Mix Std Blank
Misc Info : Meoh

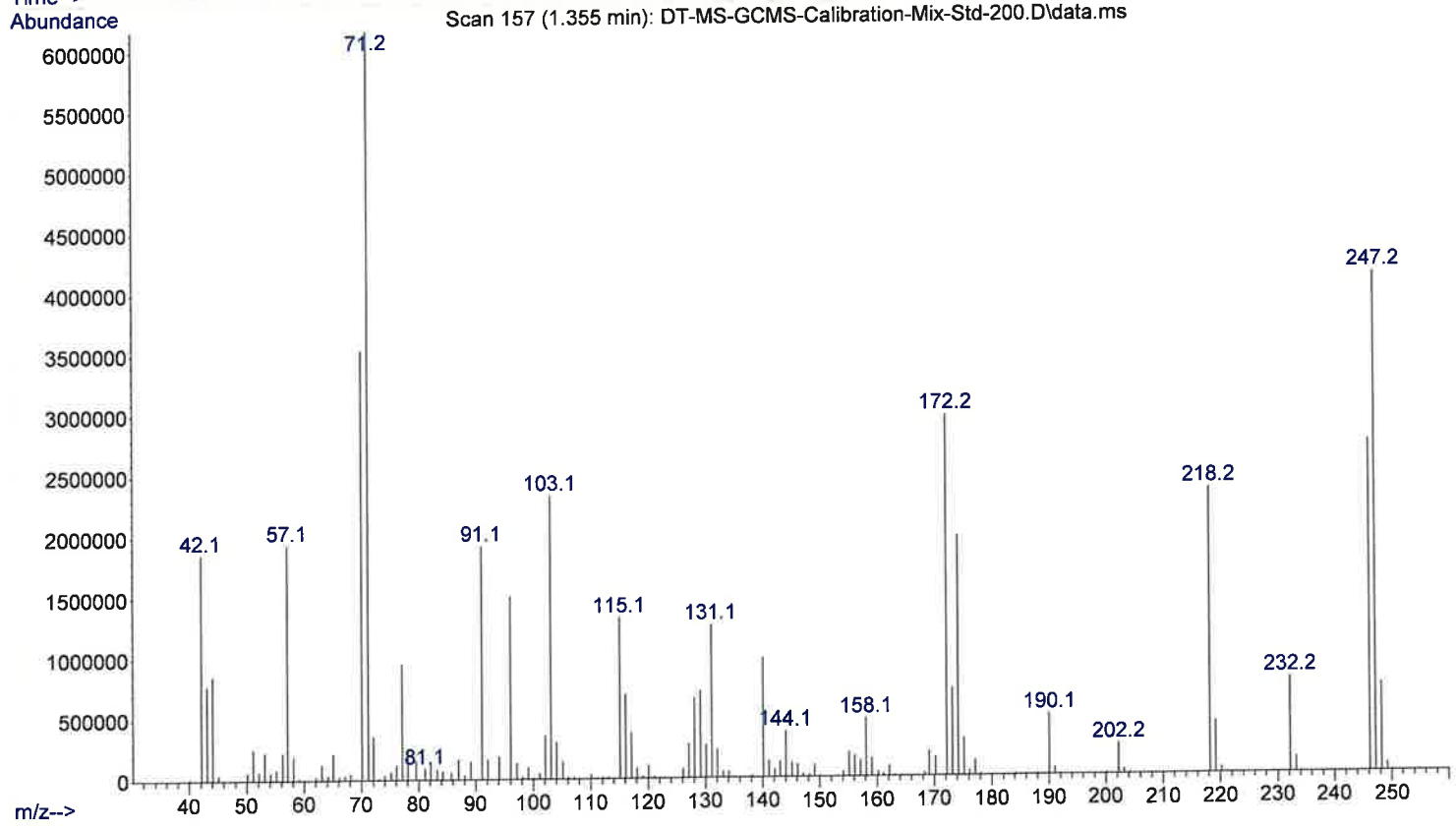
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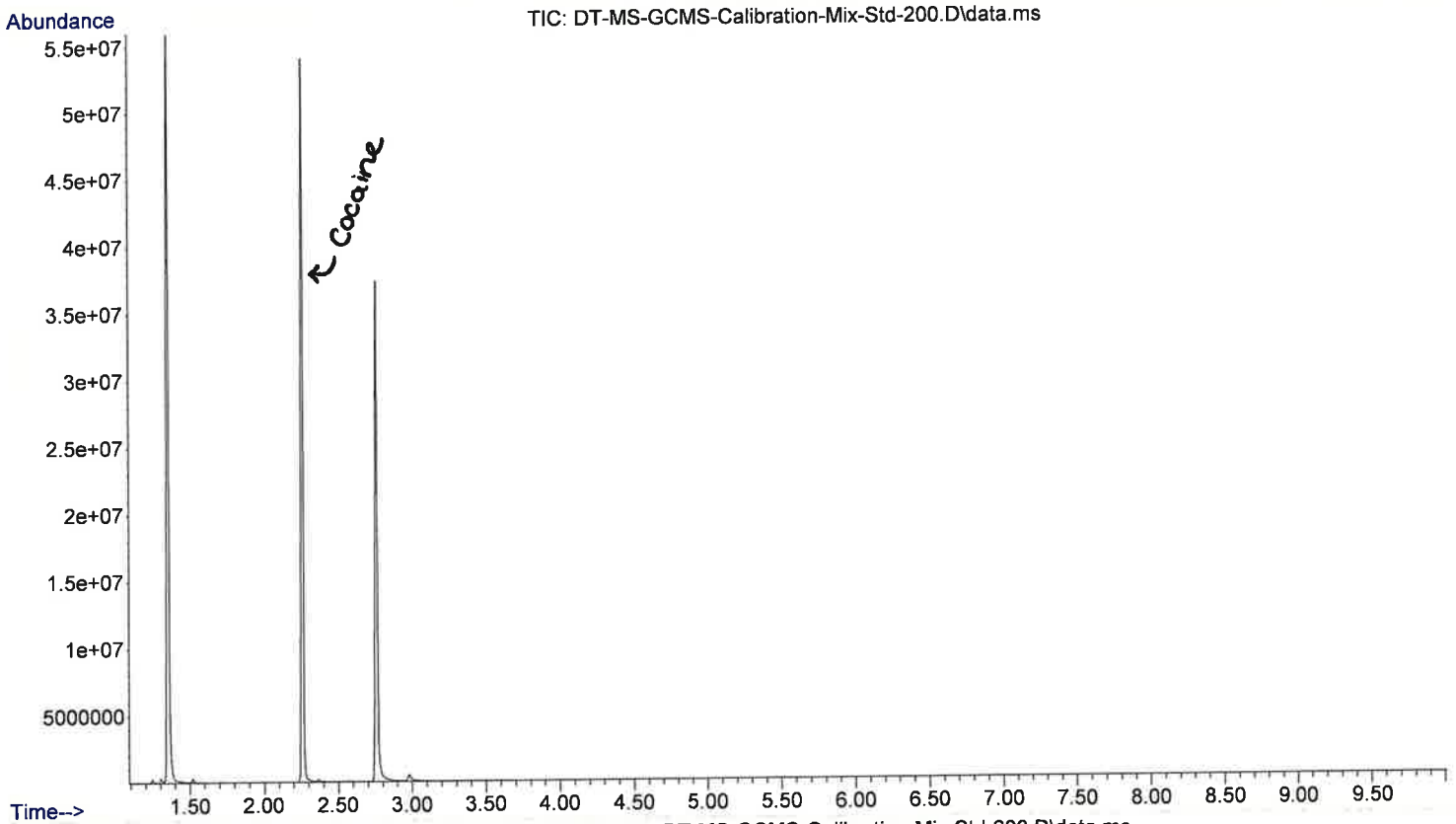


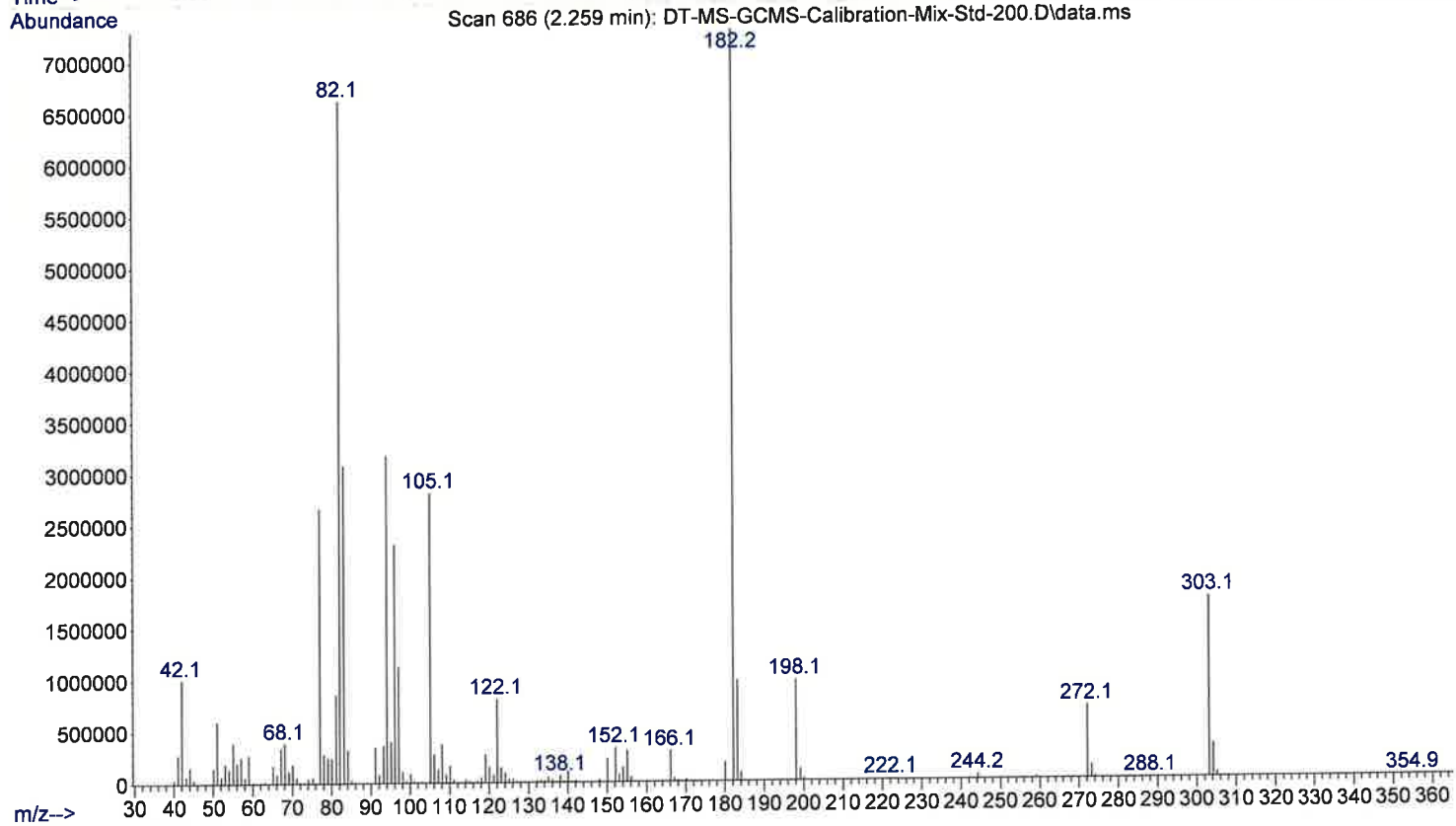
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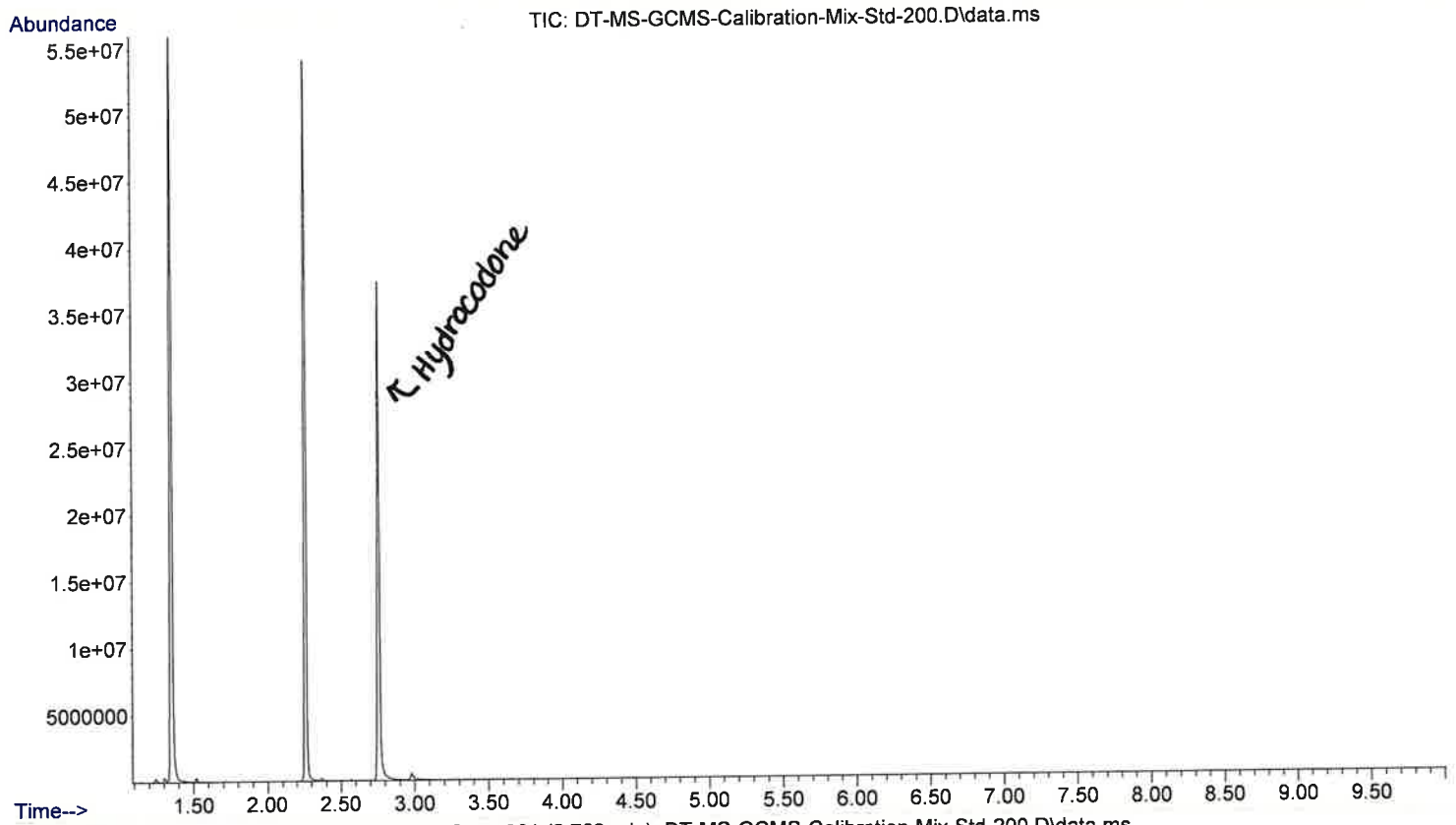


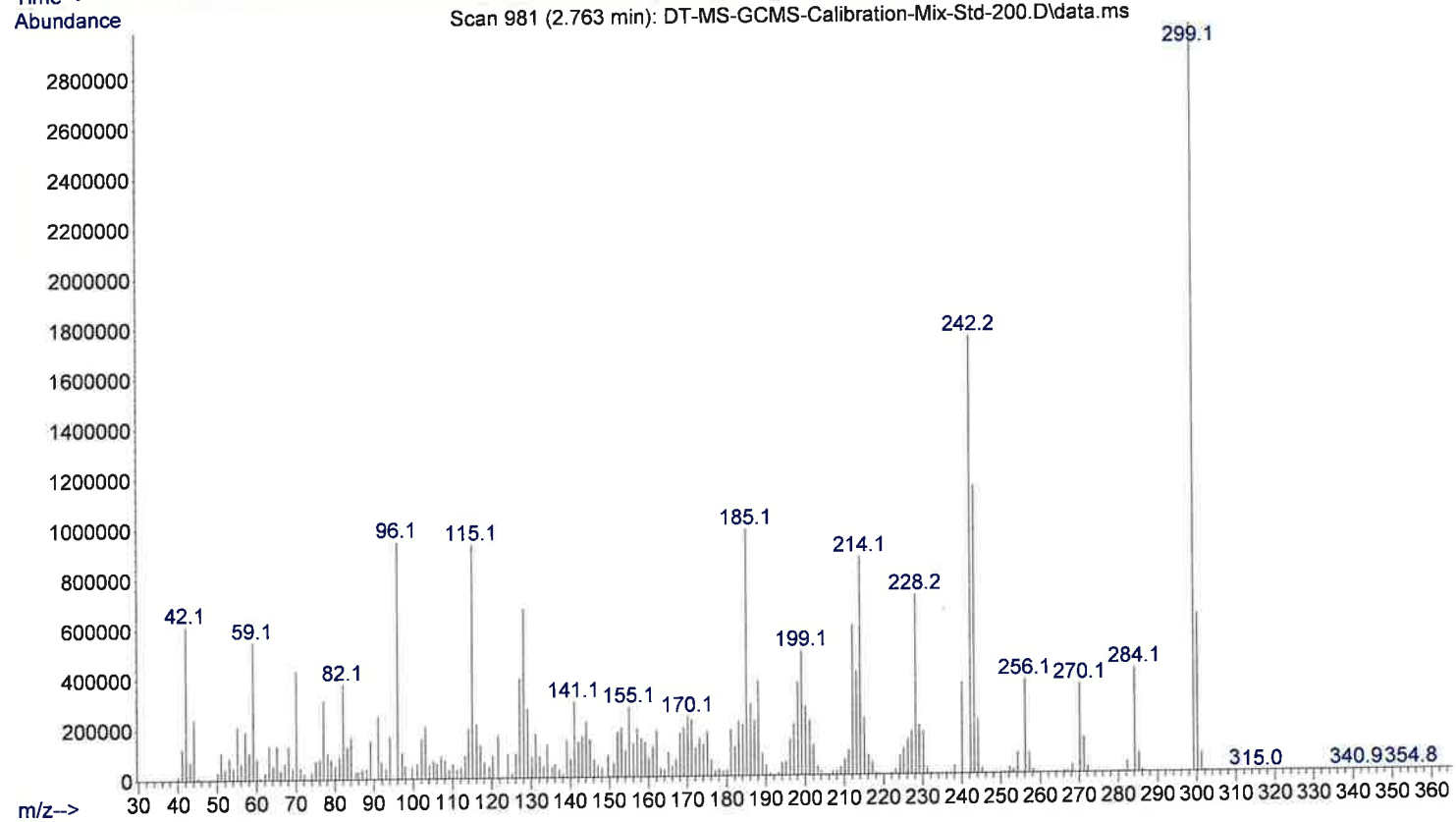
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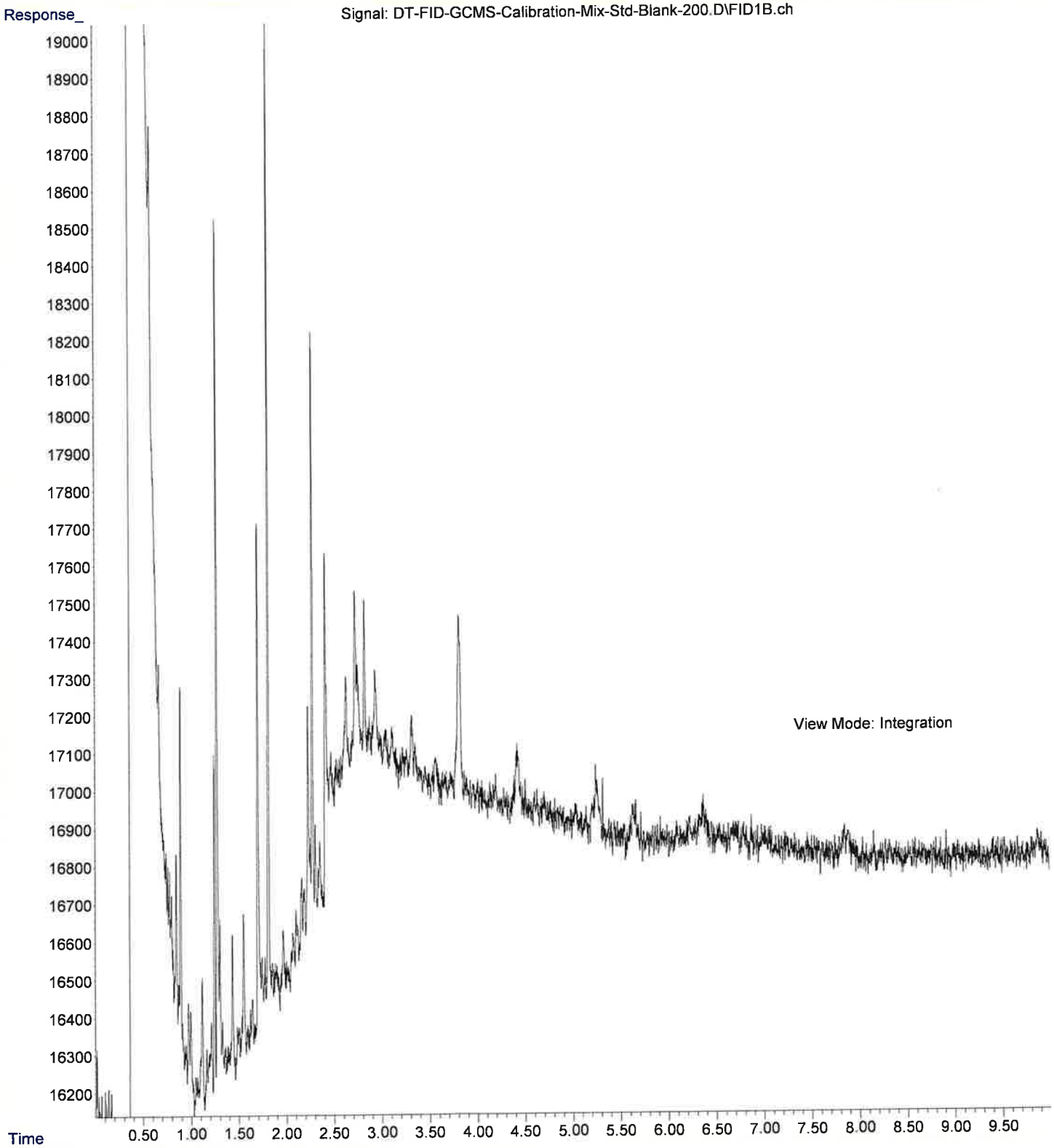




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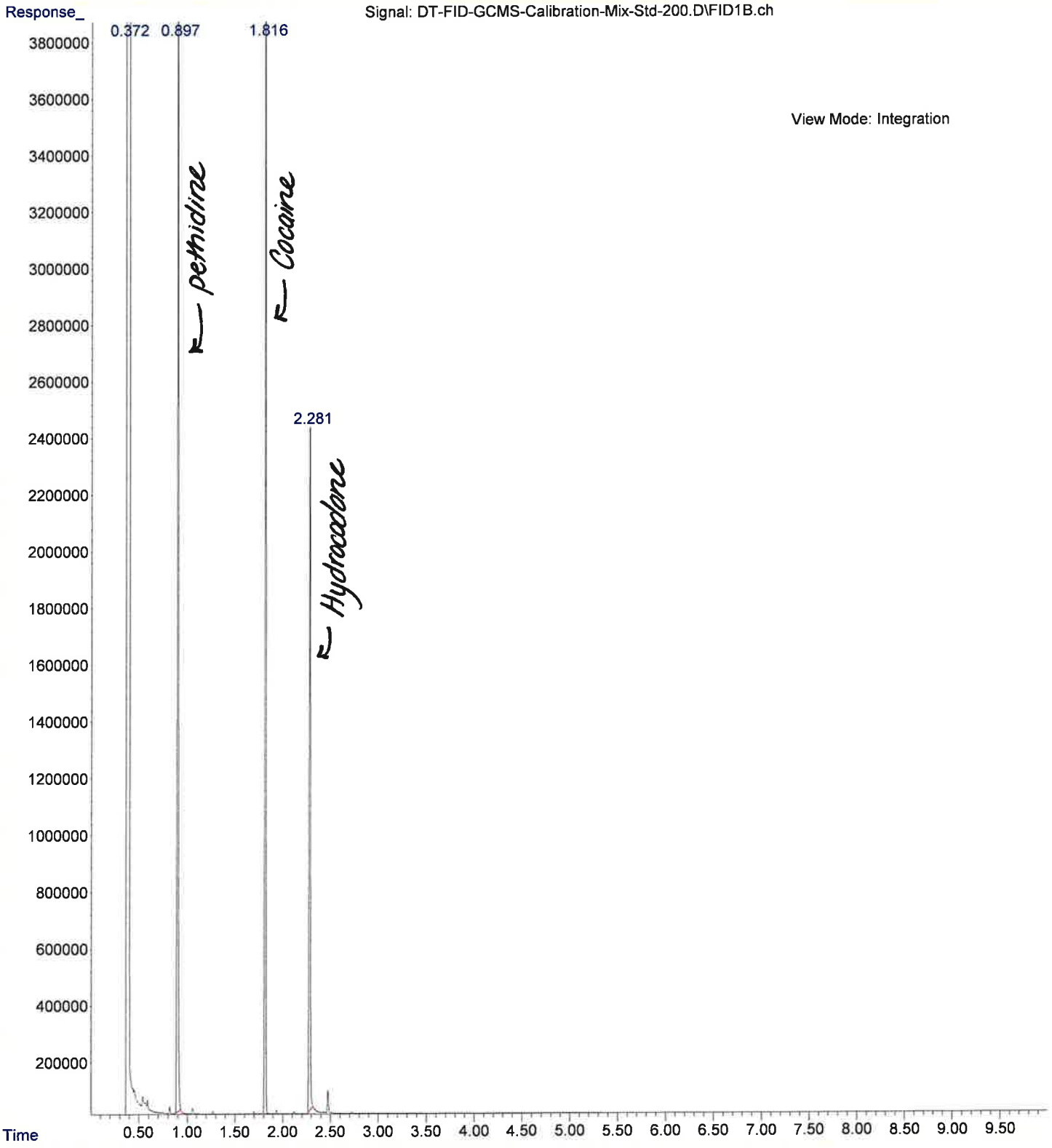
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Sample Name: GCMS Calibration Mix Std Blank

NCSD



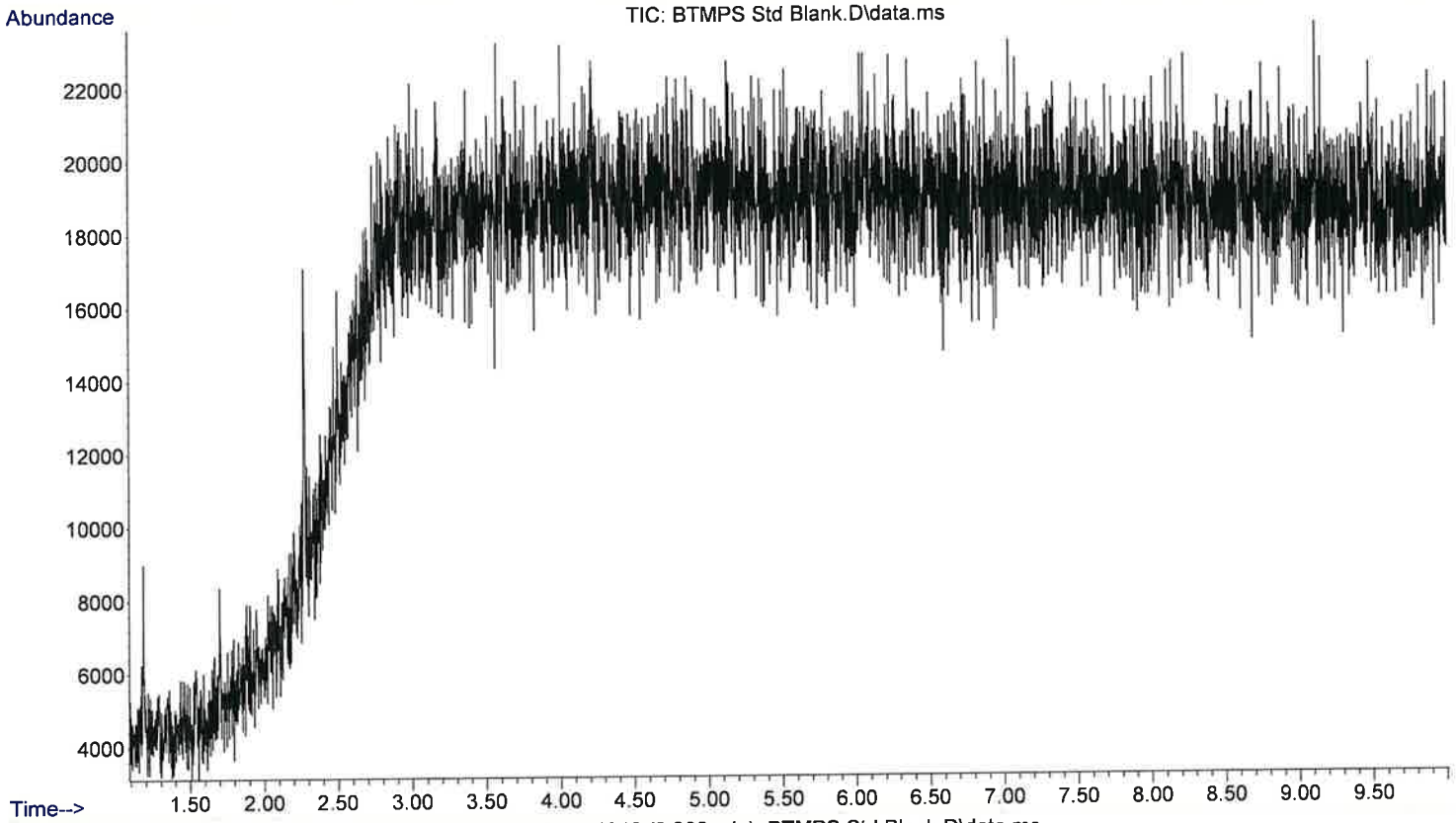
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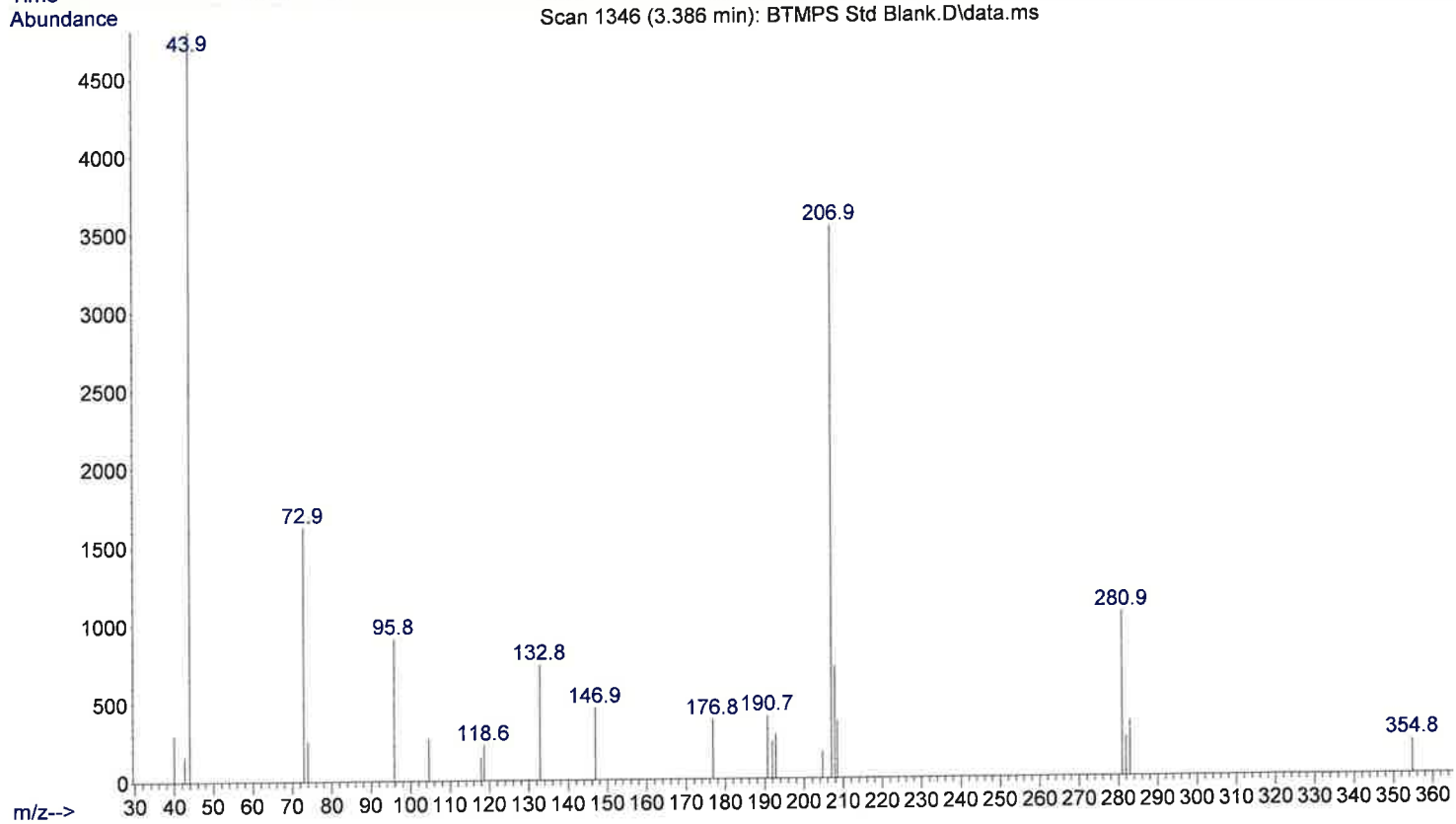
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Operator : IS
Instrument : Quincy
Acquired : 07 Apr 2025 15:21 using AcqMethod DTDRUGS200.M
Sample Name: GCMS Calibration Mix Std
Misc Info : Meoh,Exp 09-18-25



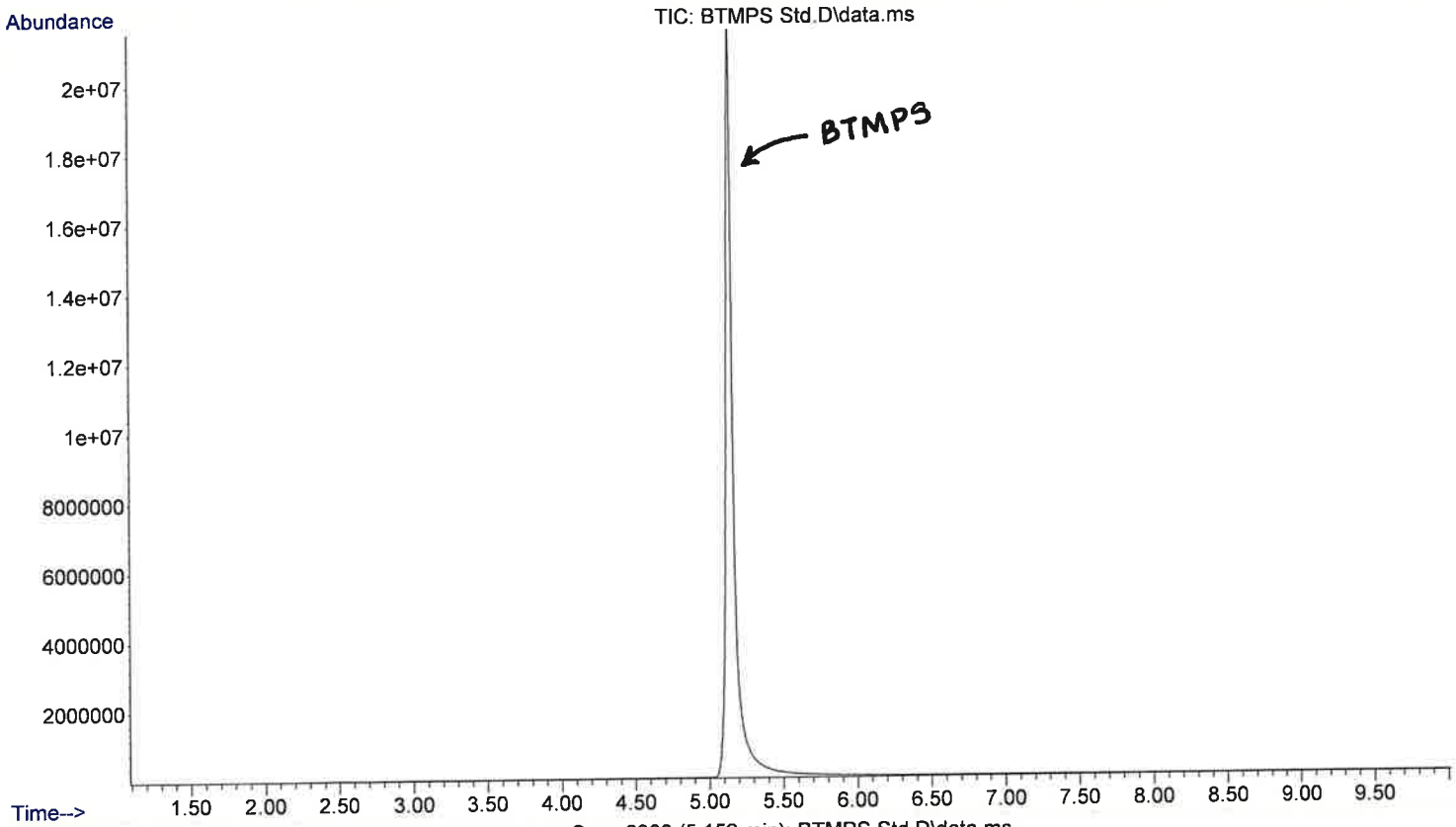
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Operator : IS
Instrument : Quincy
Acquired : 04 Apr 2025 14:59 using AcqMethod ASMSDRUGS200.M
Sample Name: BTMPS Std Blank
Misc Info : Meoh

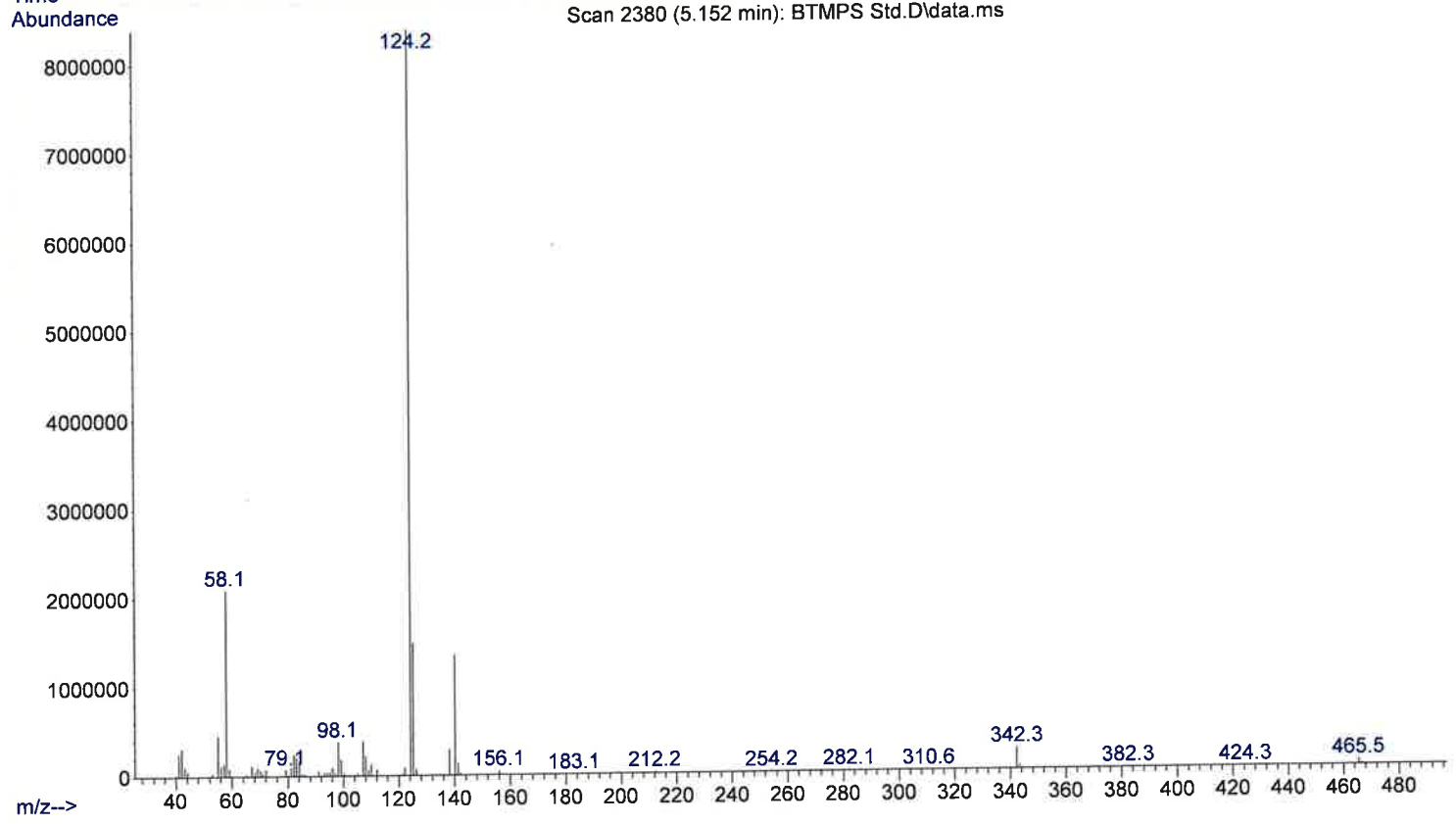
NCSD





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Operator : IS
Instrument : Quincy
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Sample Name: BTMPS Std
Misc Info : Acetonitrile,CaymanChem,Lot0721850-7,Exp12-19-25

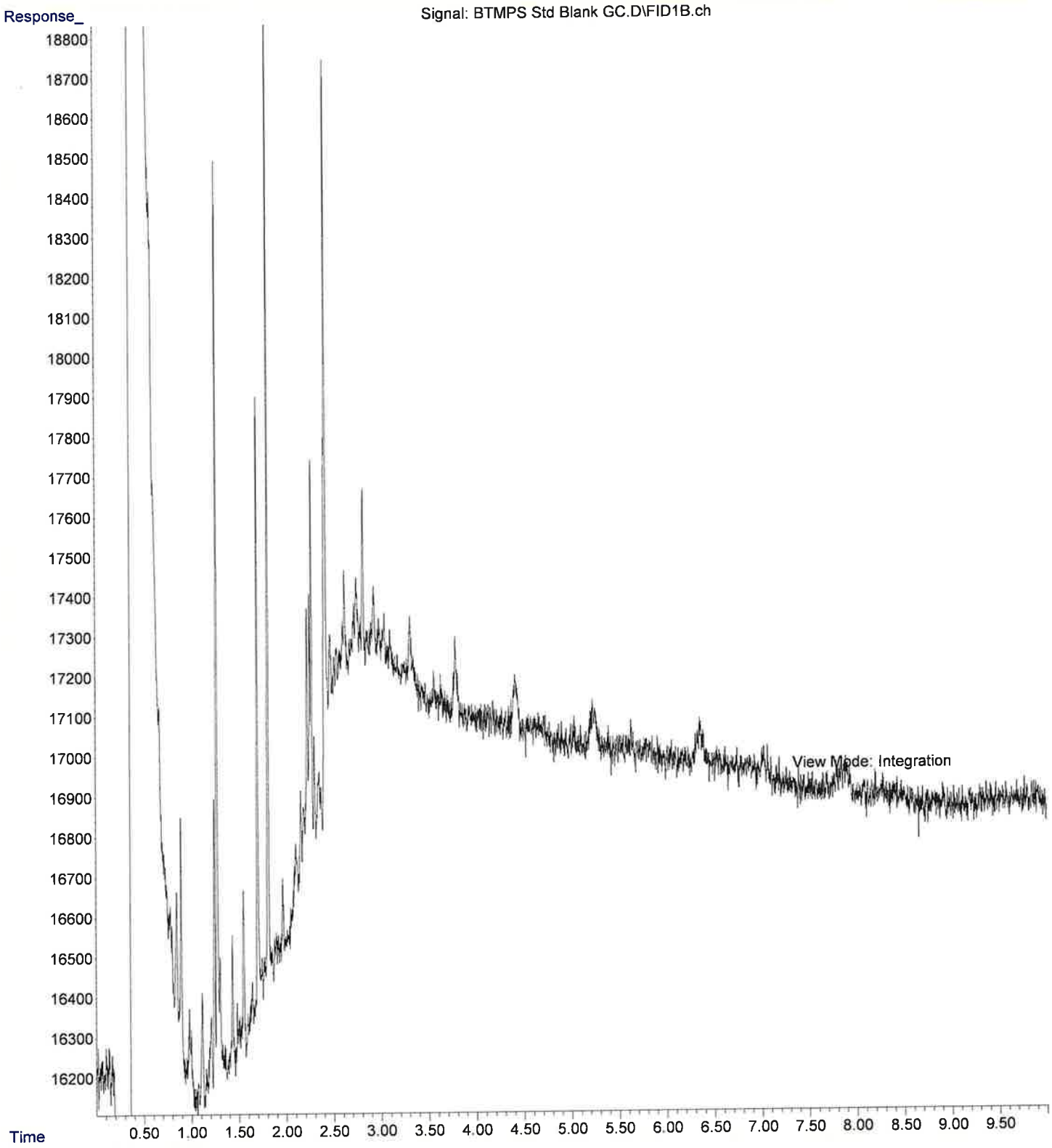




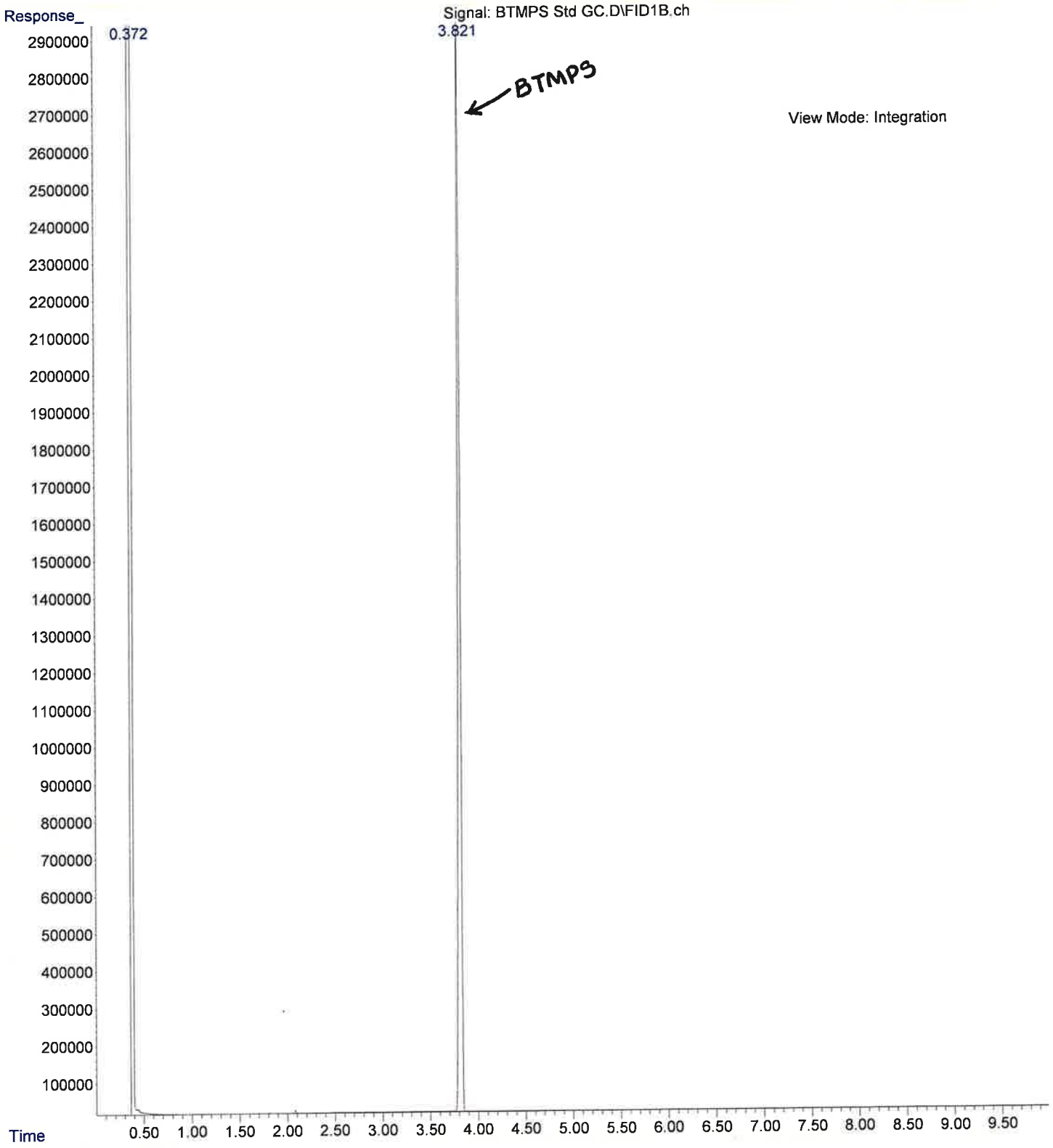
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Instrument : Quincy
Acquired : 07 Apr 2025 11:22 using AcqMethod ASGC200.M
Sample Name: BTMPS Std Blank GC
Misc Info : Meoh

NCSD

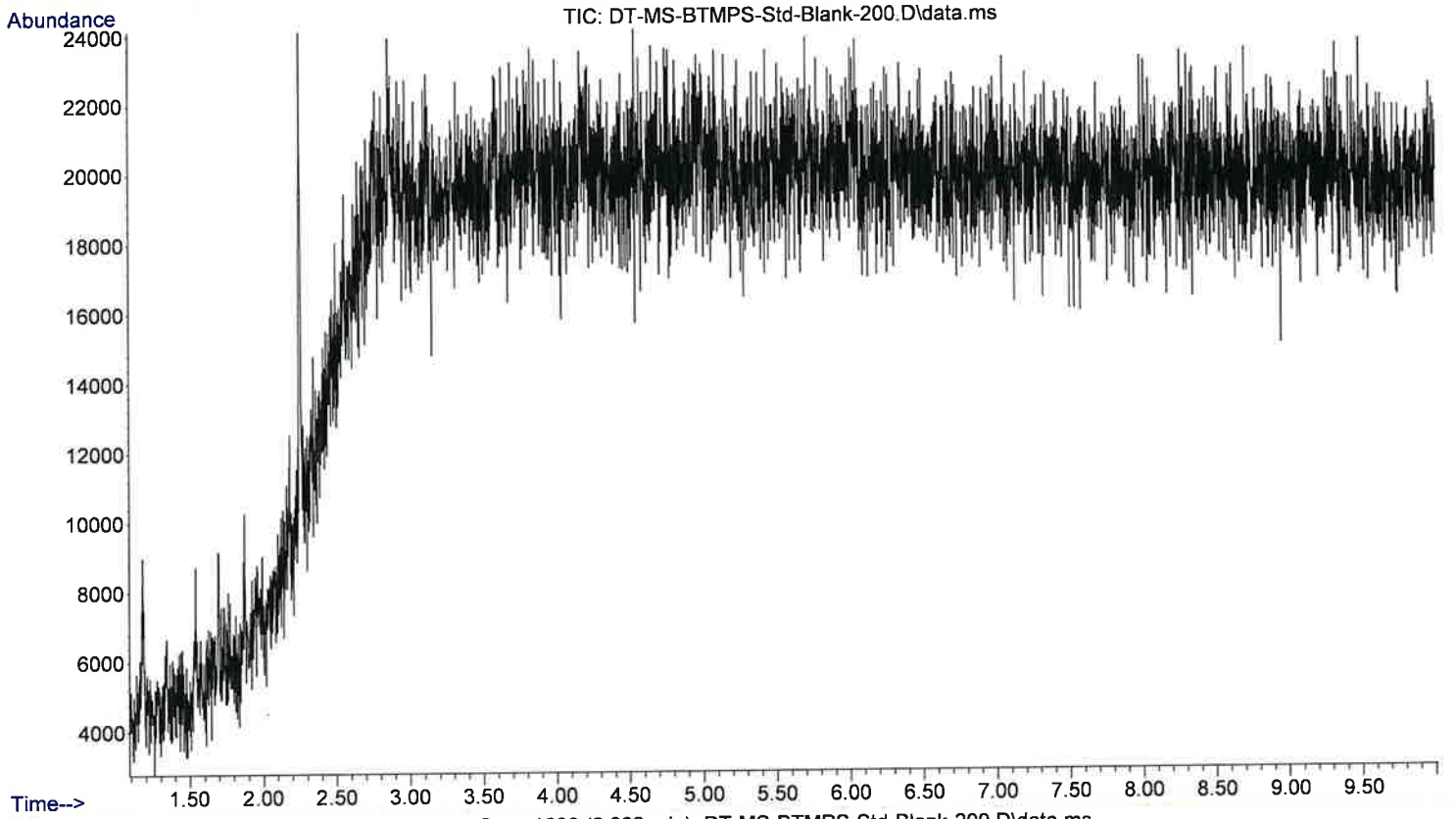


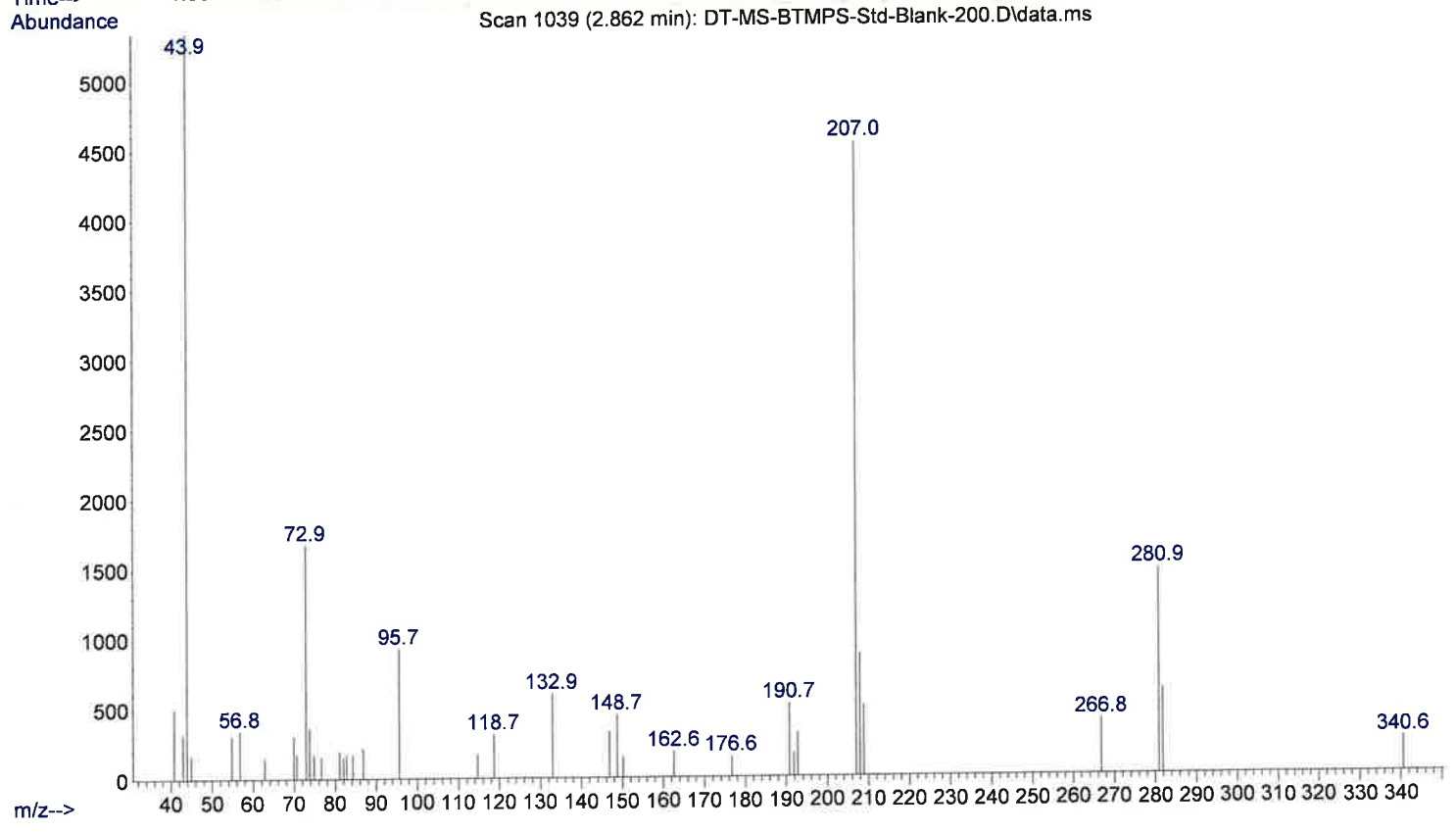
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Operator   : IS
Instrument :   Quincy
Acquired   : 07 Apr 2025  11:34     using AcqMethod ASGC200.M
Sample Name: BTMPS Std GC
Misc Info  : Acetonitrile,CaymanChem,Lot0721850-7,Exp12-19-25
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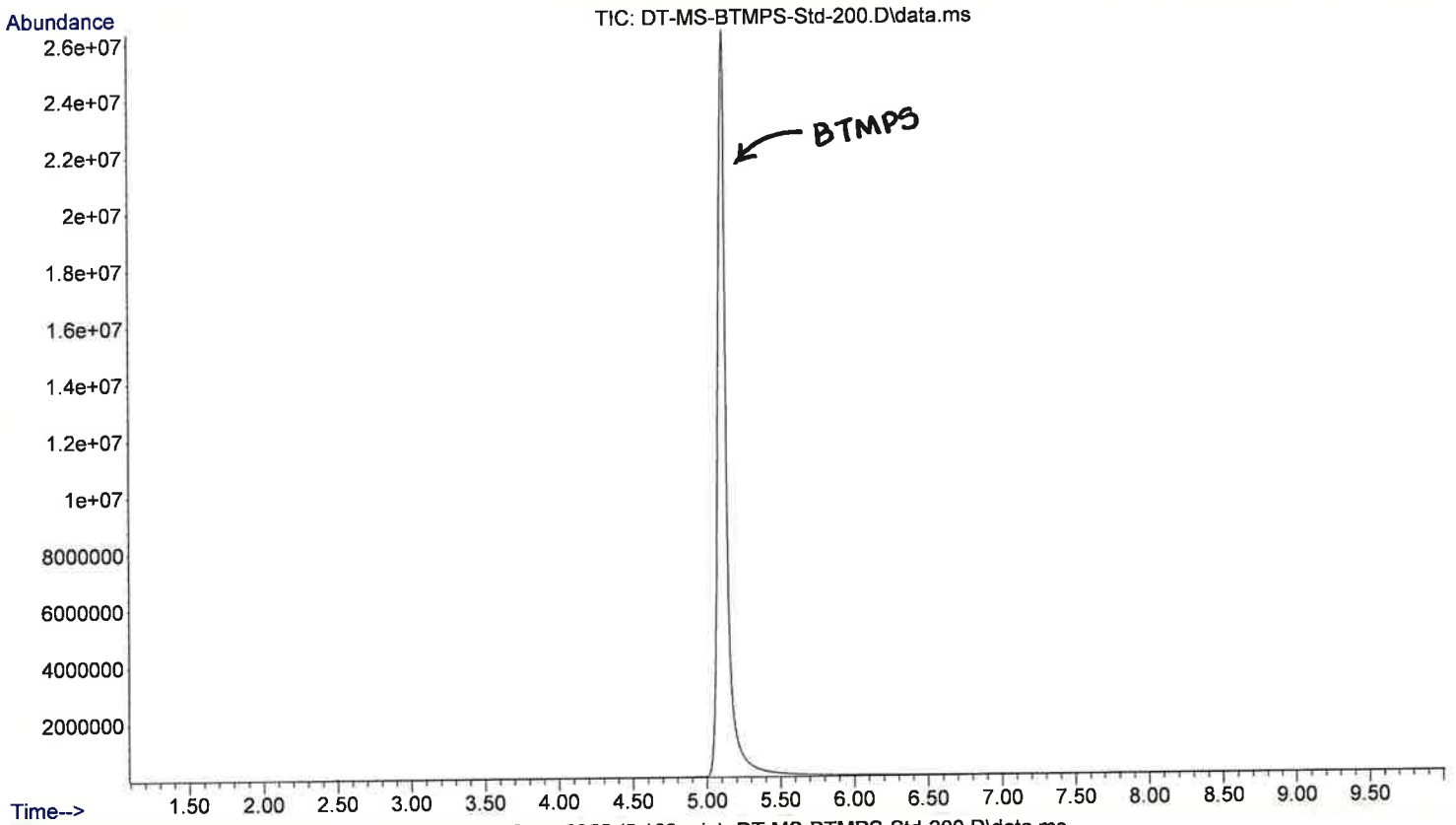
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Sample Name: BTMPS Std Blank
Misc Info : Meoh

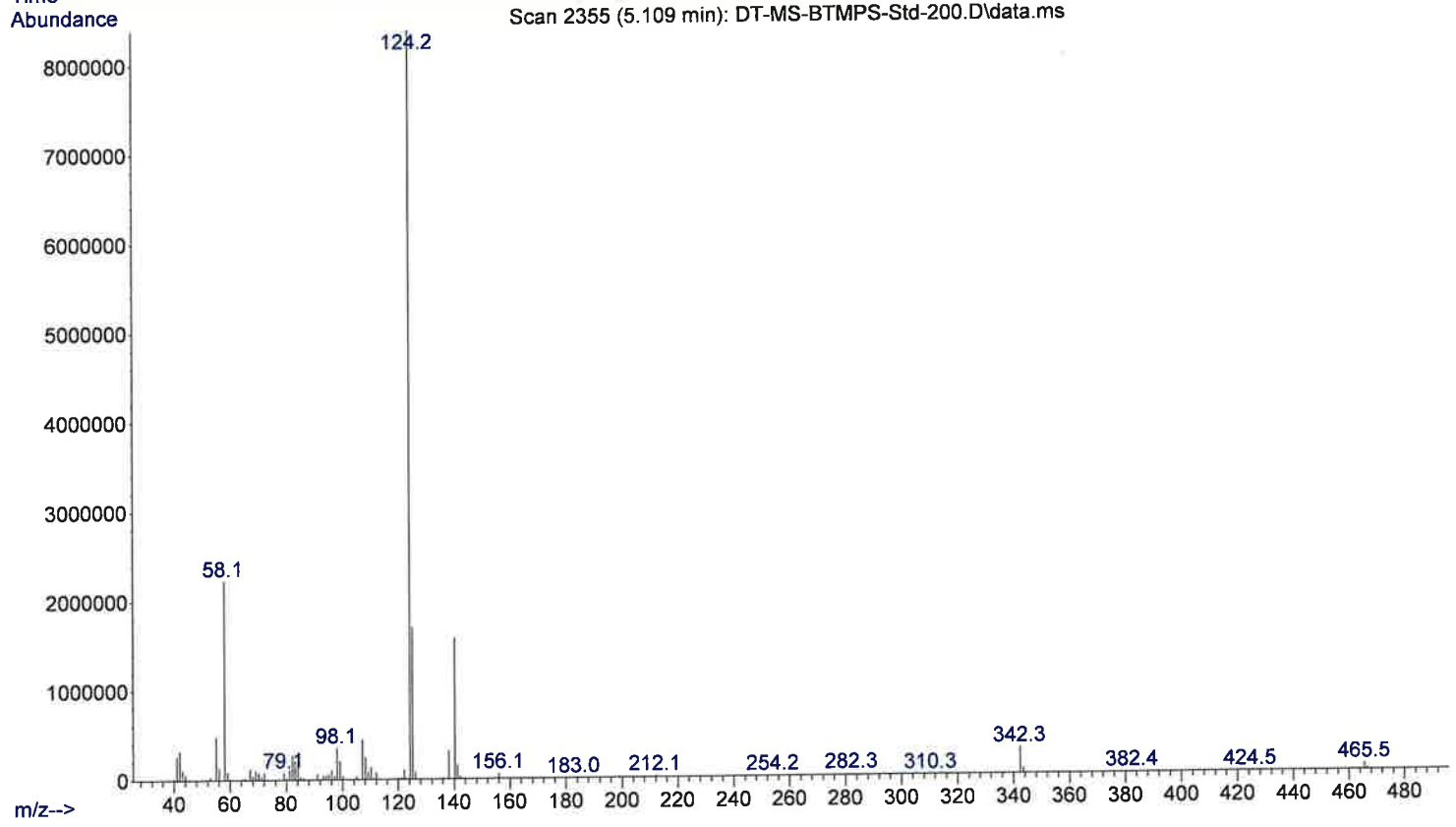
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Operator : IS
Instrument : Quincy
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Sample Name: BTMPS Std
Misc Info : Acetonitrile,CaymanChem,Lot0721850-7,Exp12-19-25

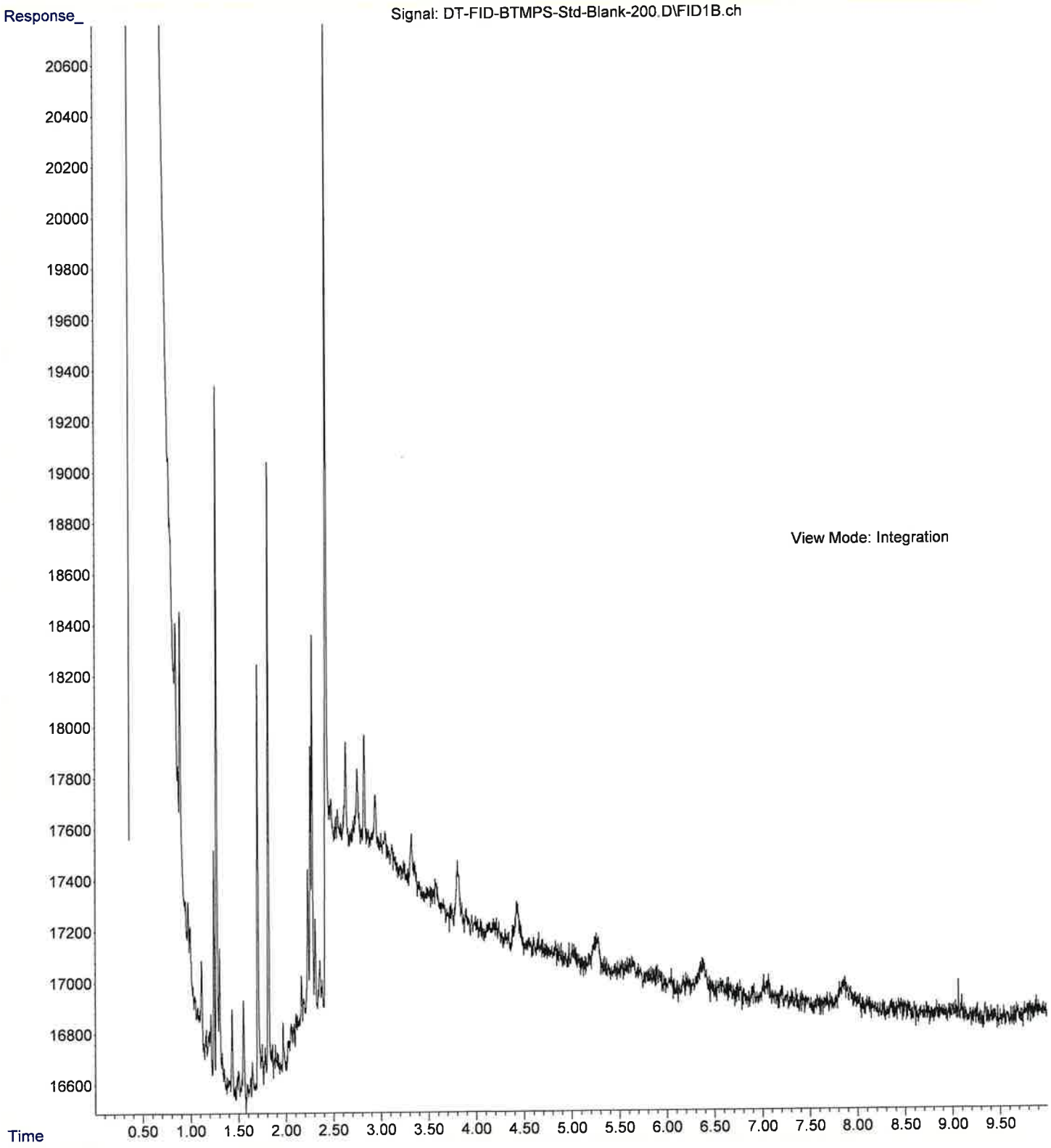




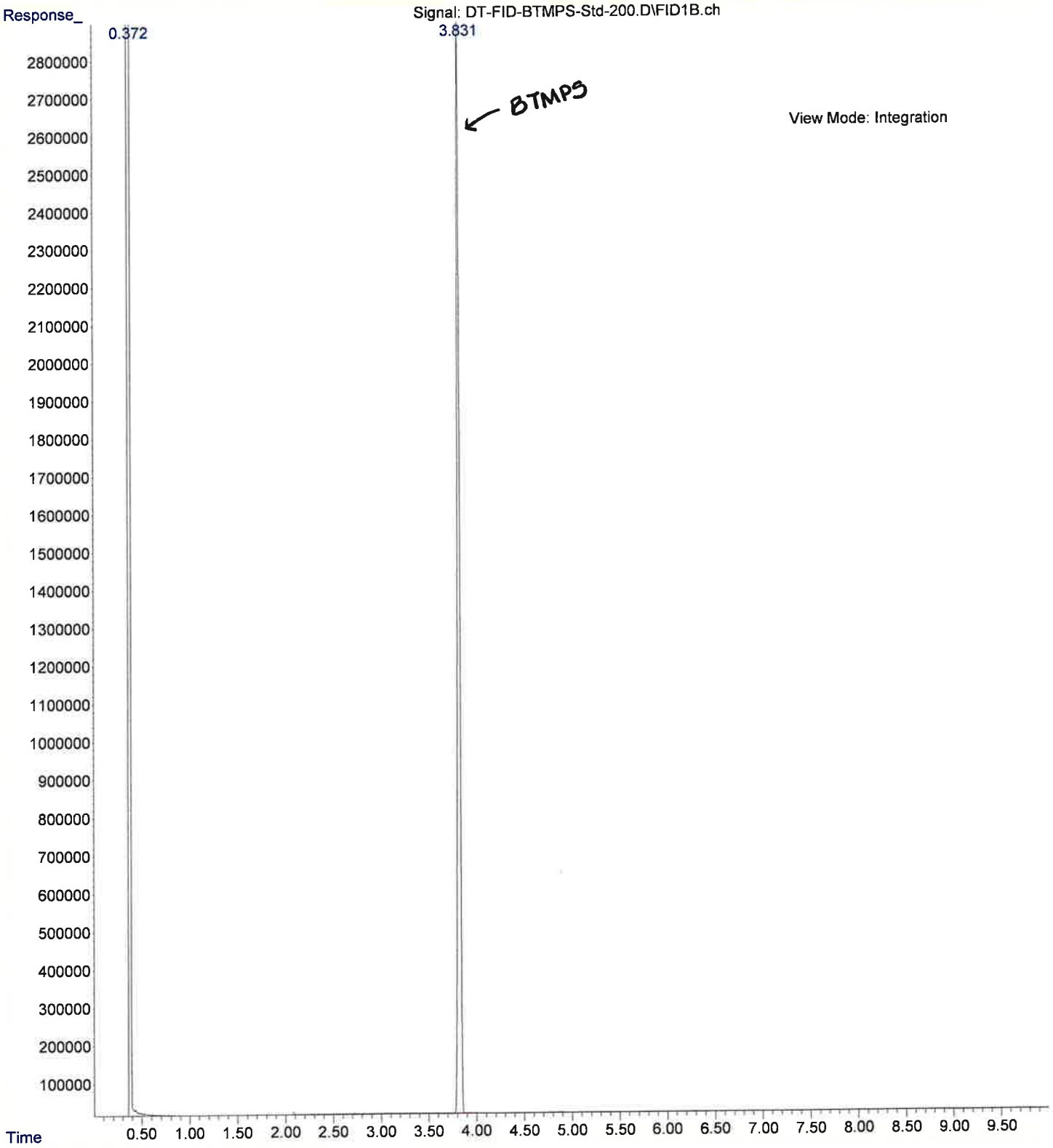
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Sample Name: BTMPS Std Blank
Misc Info : Meoh

NCSD

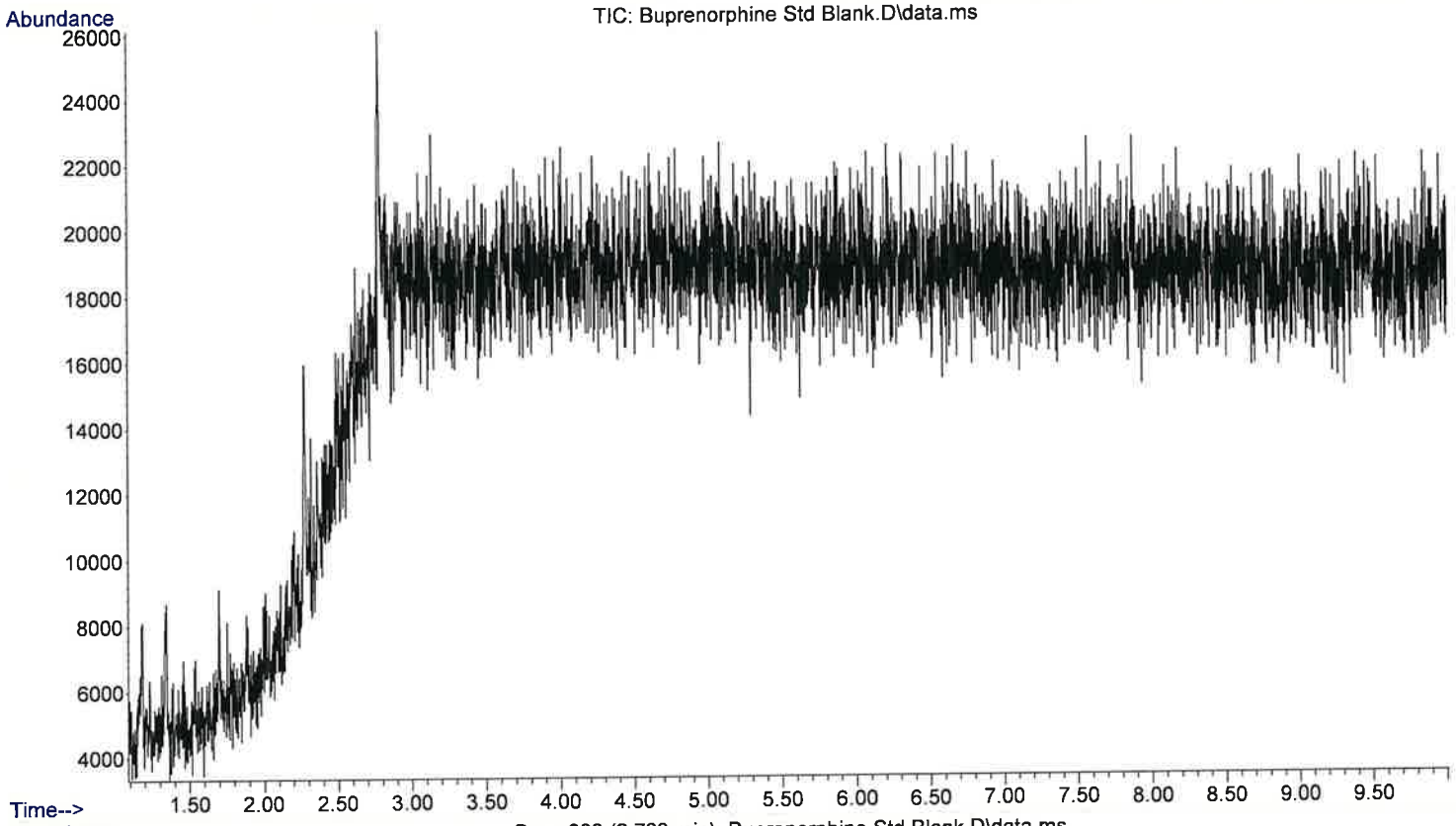


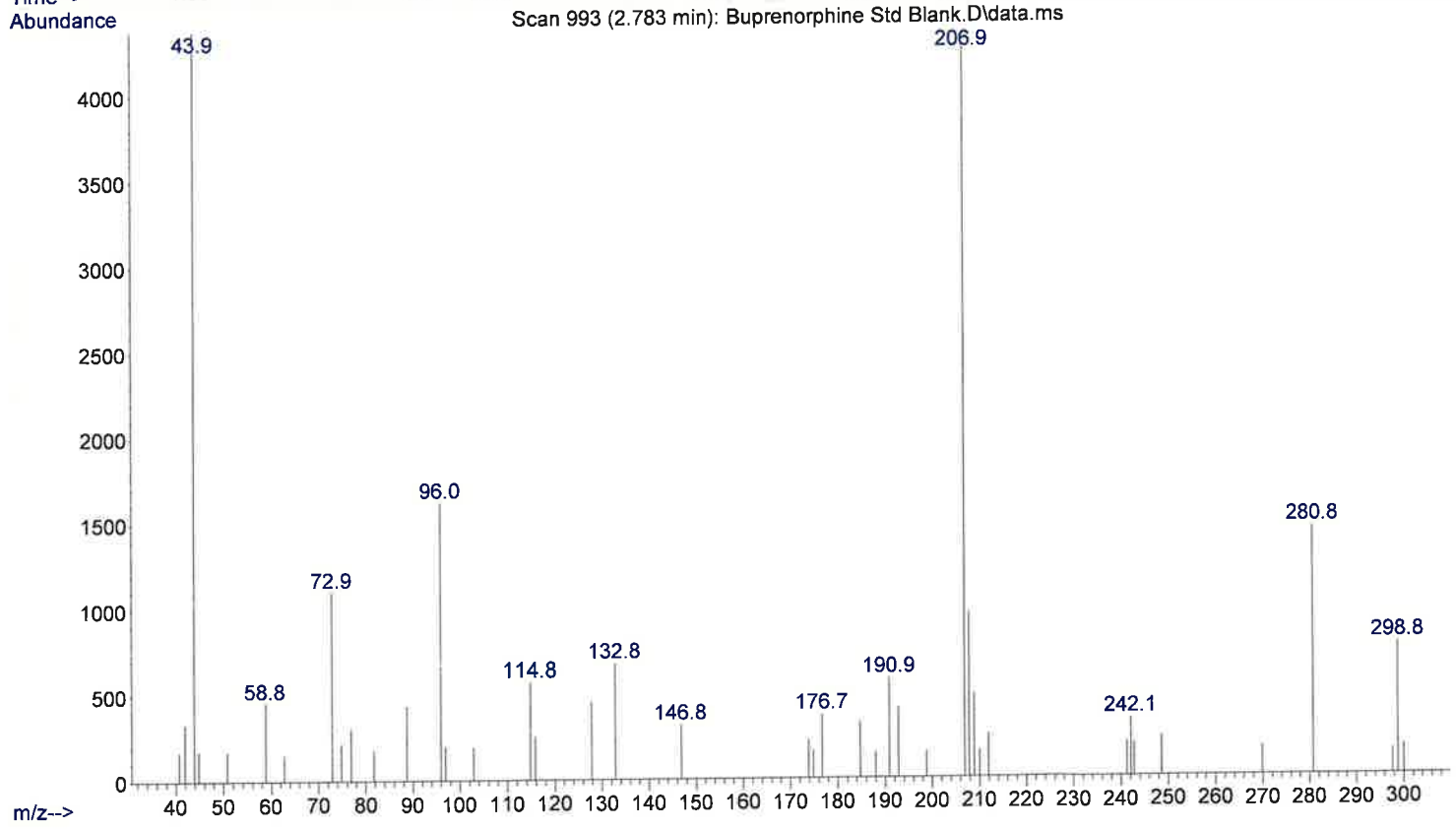
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Sample Name: BTMPS Std
Misc Info : Acetonitrile,CaymanChem,Lot0721850-7,Exp12-19-25



File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2025\IS\Dual V
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Acquired : 04 Apr 2025 15:49 using AcqMethod ASMSDRUGS200.M
Sample Name: Buprenorphine Std Blank
Misc Info : Meoh

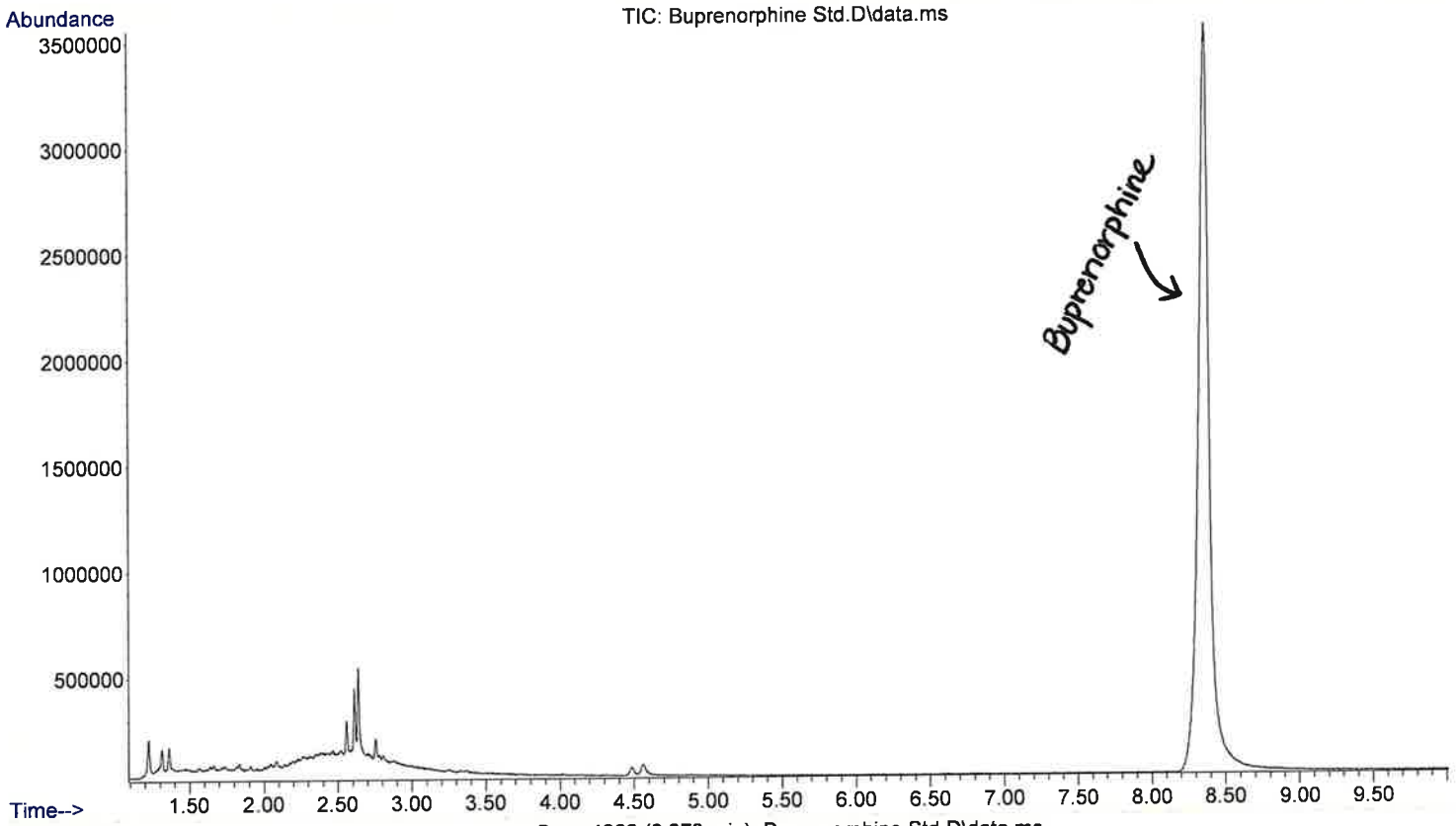
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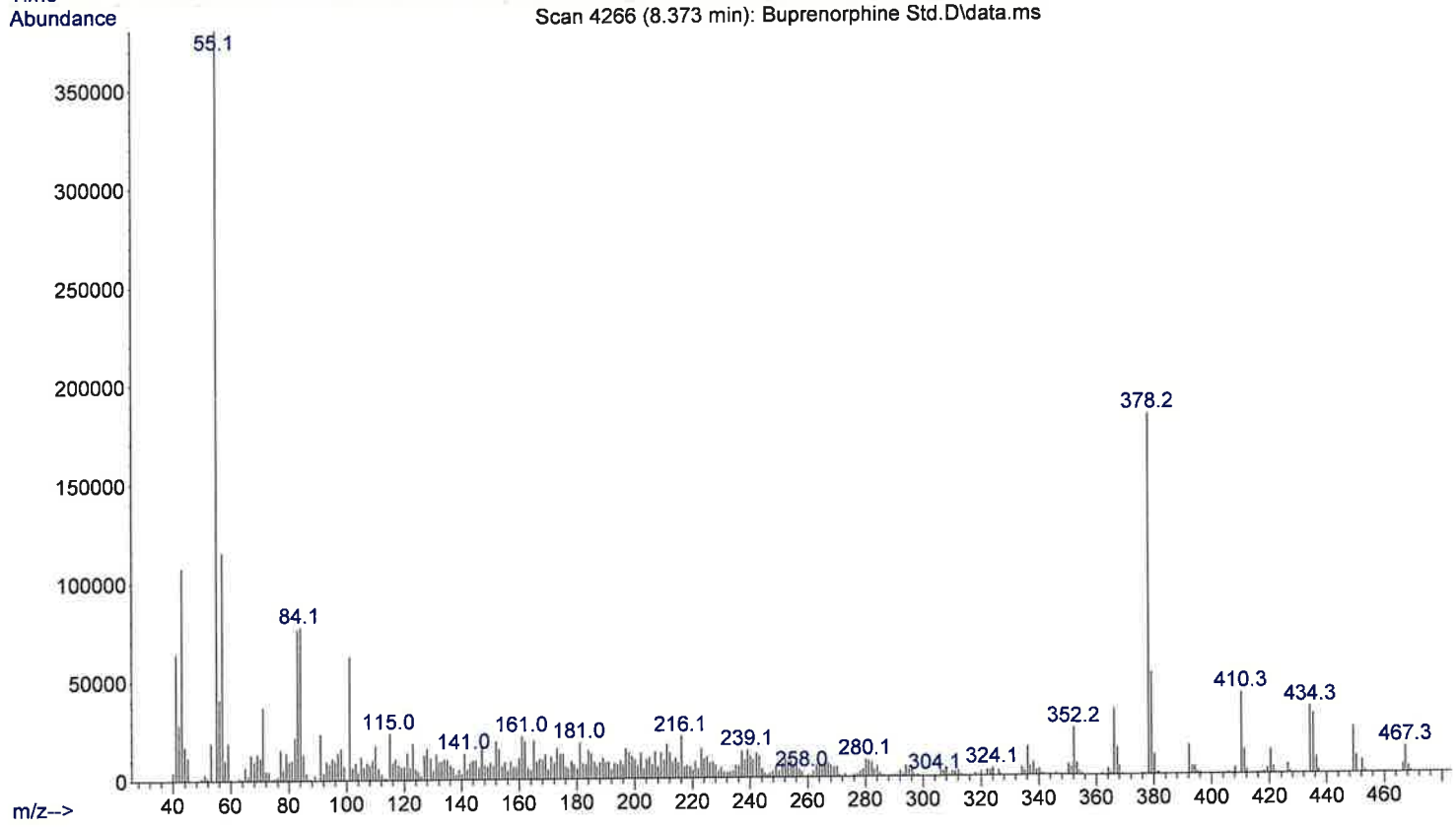




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File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2025\IS\Dual V
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Operator : IS
Instrument : Quincy
Acquired : 04 Apr 2025 16:01 using AcqMethod ASMSDRUGS200.M
Sample Name: Buprenorphine Std
Misc Info : Meoh,Cerilliant,LotFE03191903,Exp06-25-25

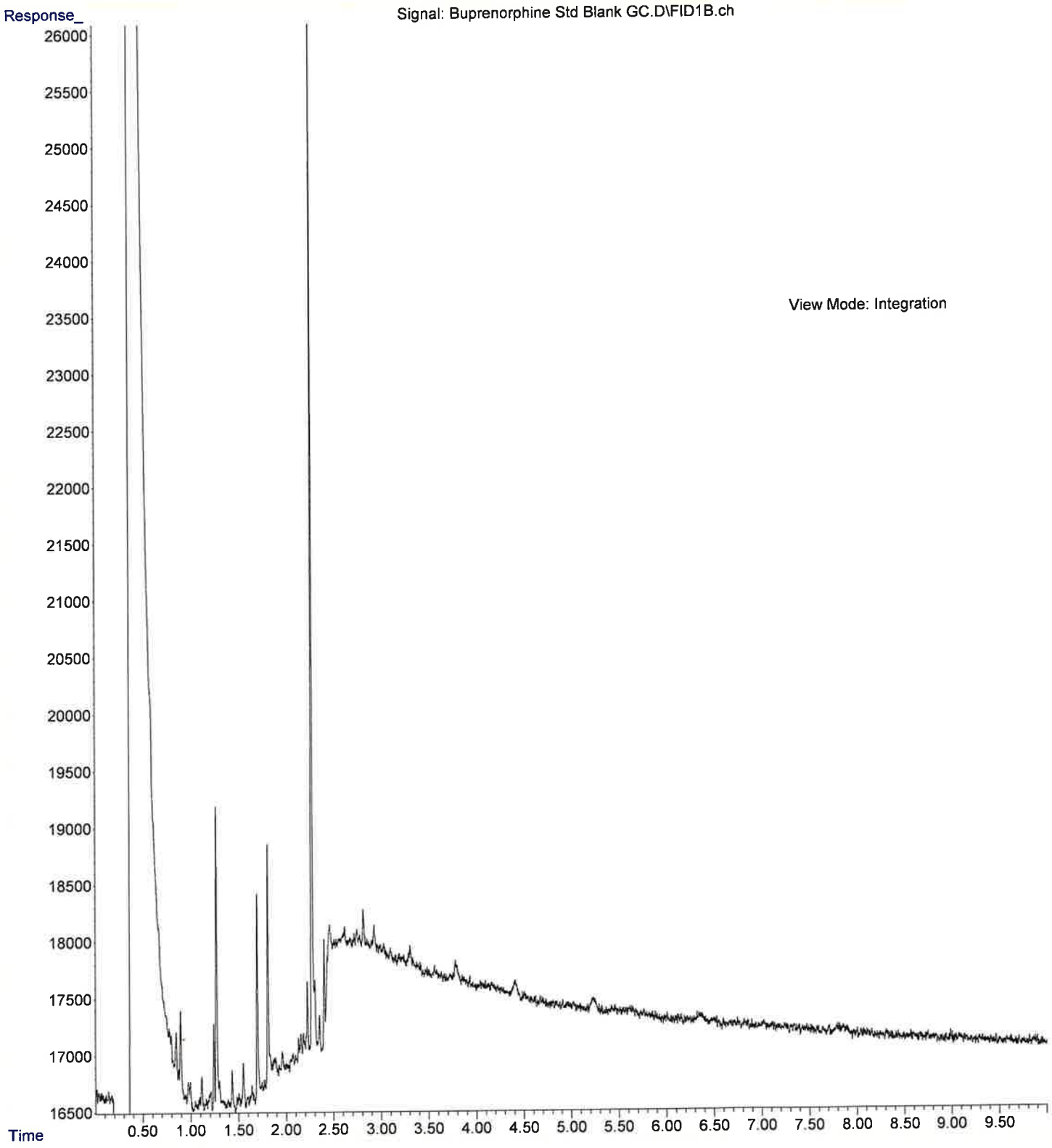




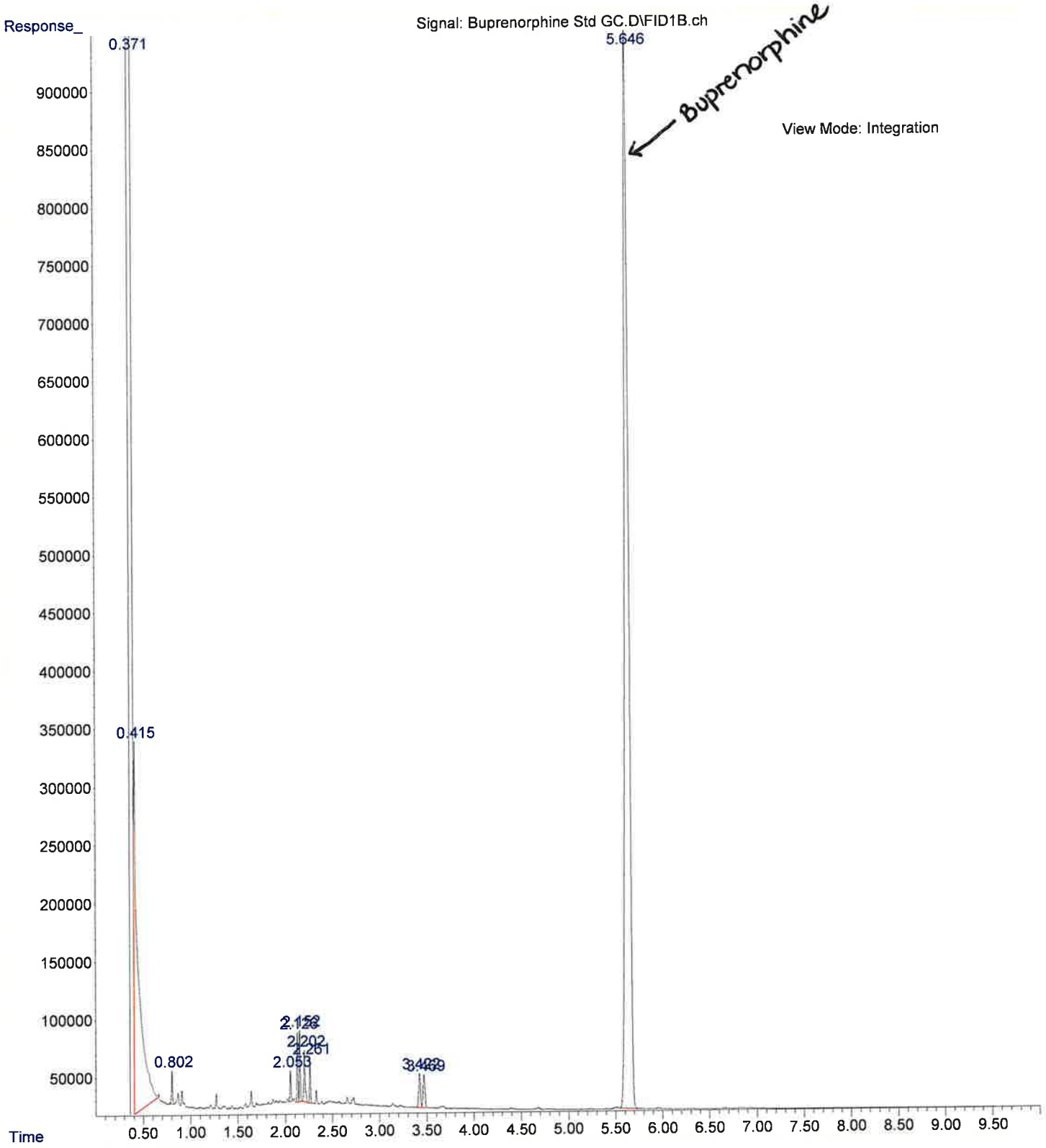
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Sample Name: Buprenorphine Std Blank GC
Misc Info : Meoh

NCSD

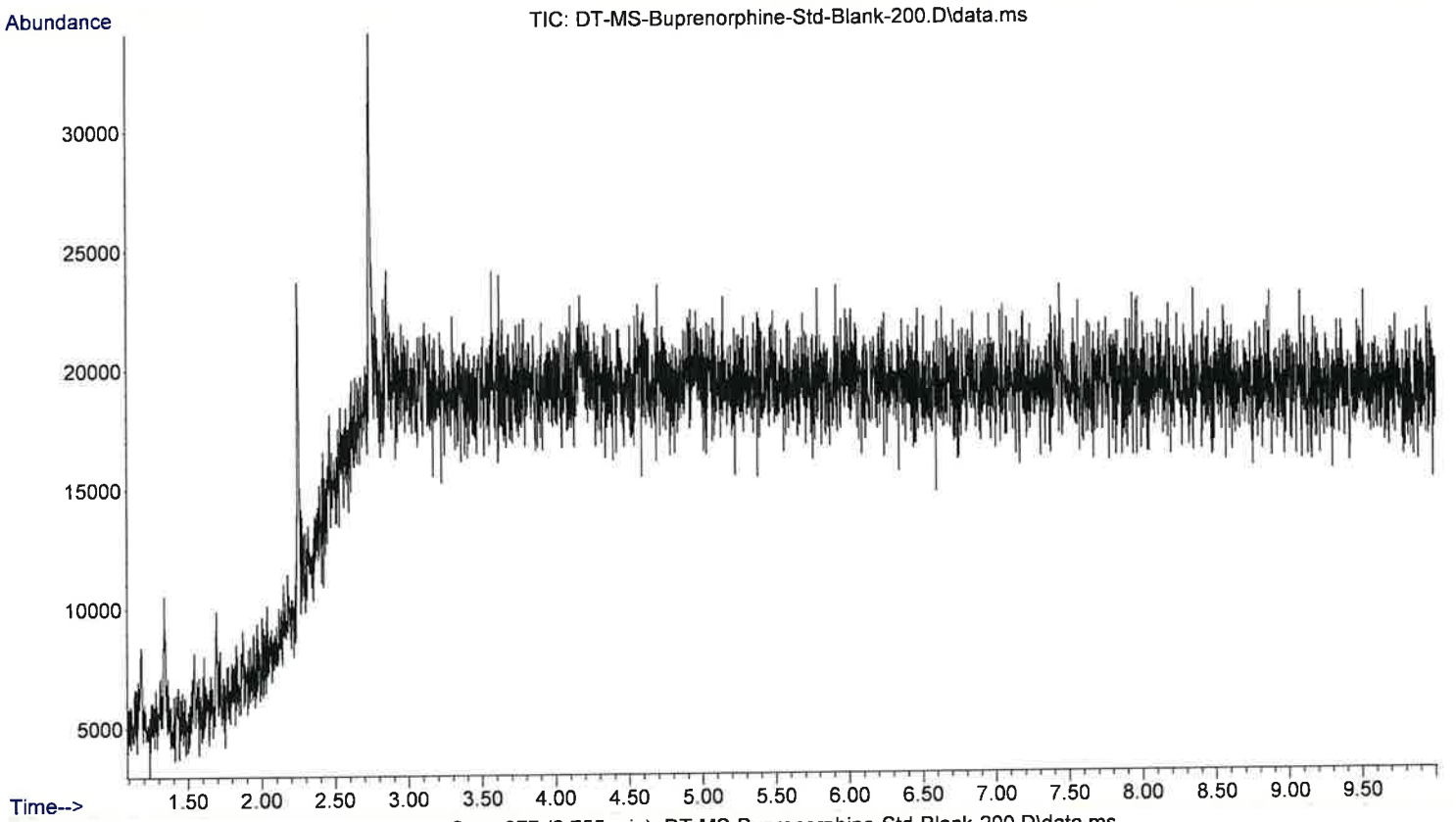


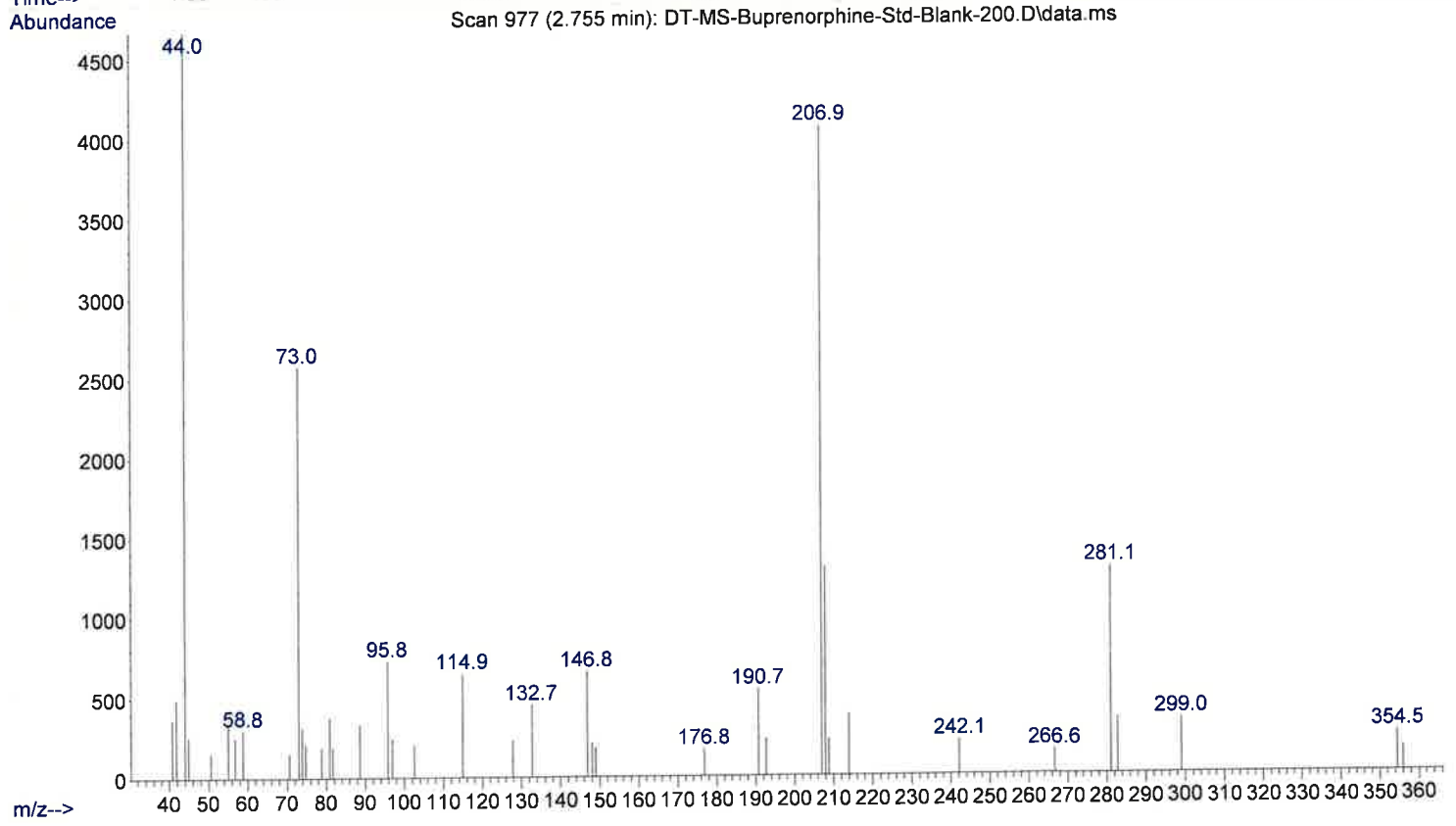
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Instrument :   Quincy
Acquired   : 07 Apr 2025  12:23     using AcqMethod ASGC200.M
Sample Name: Buprenorphine Std GC
Misc Info  : Meoh,Cerilliant,LotFE03191903,Exp06-25-25
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Instrument : Quincy
Acquired : 07 Apr 2025 15:33 using AcqMethod DTDRUGS200.M
Sample Name: Buprenorphine Std Blank
Misc Info : Meoh

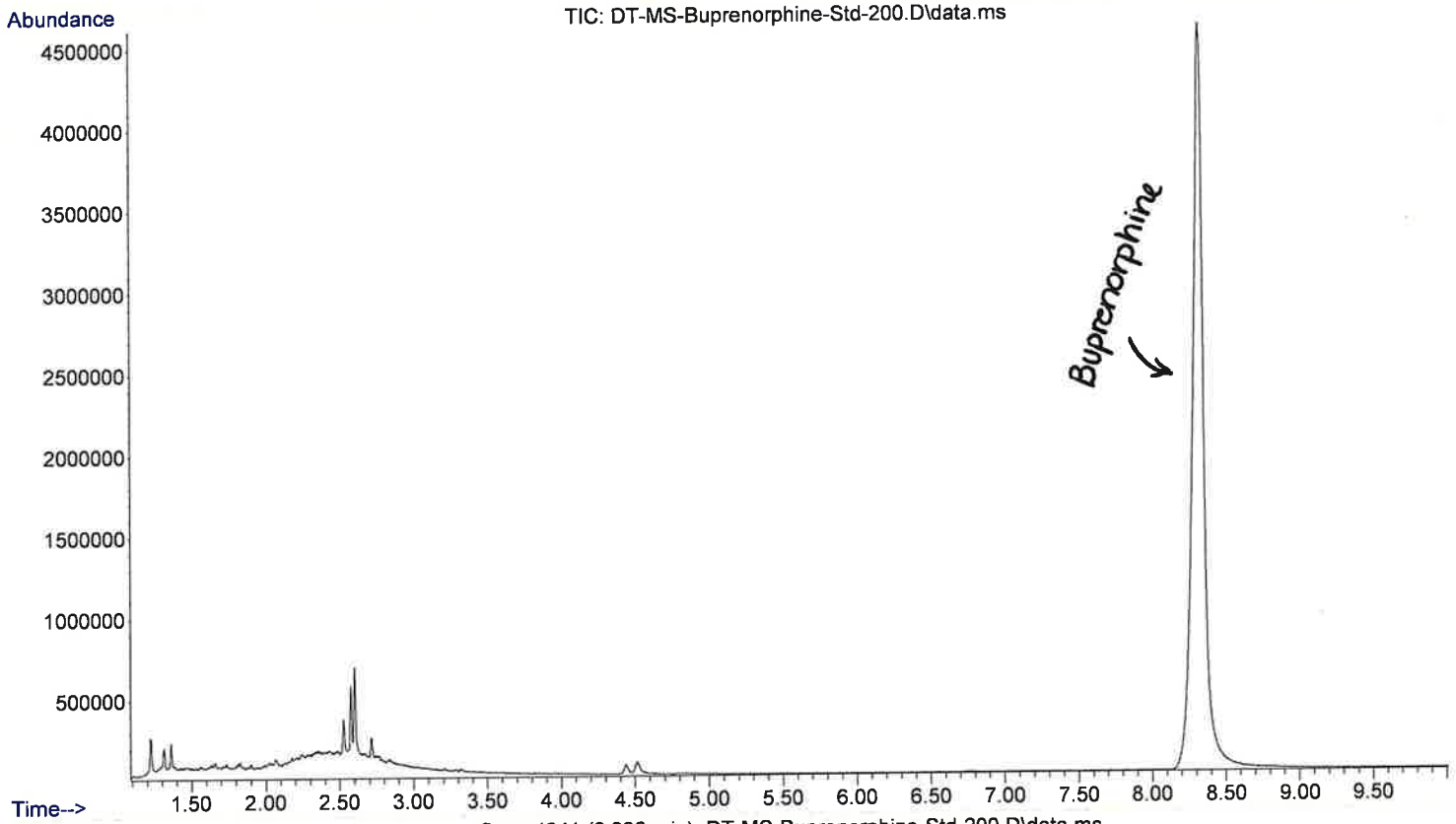
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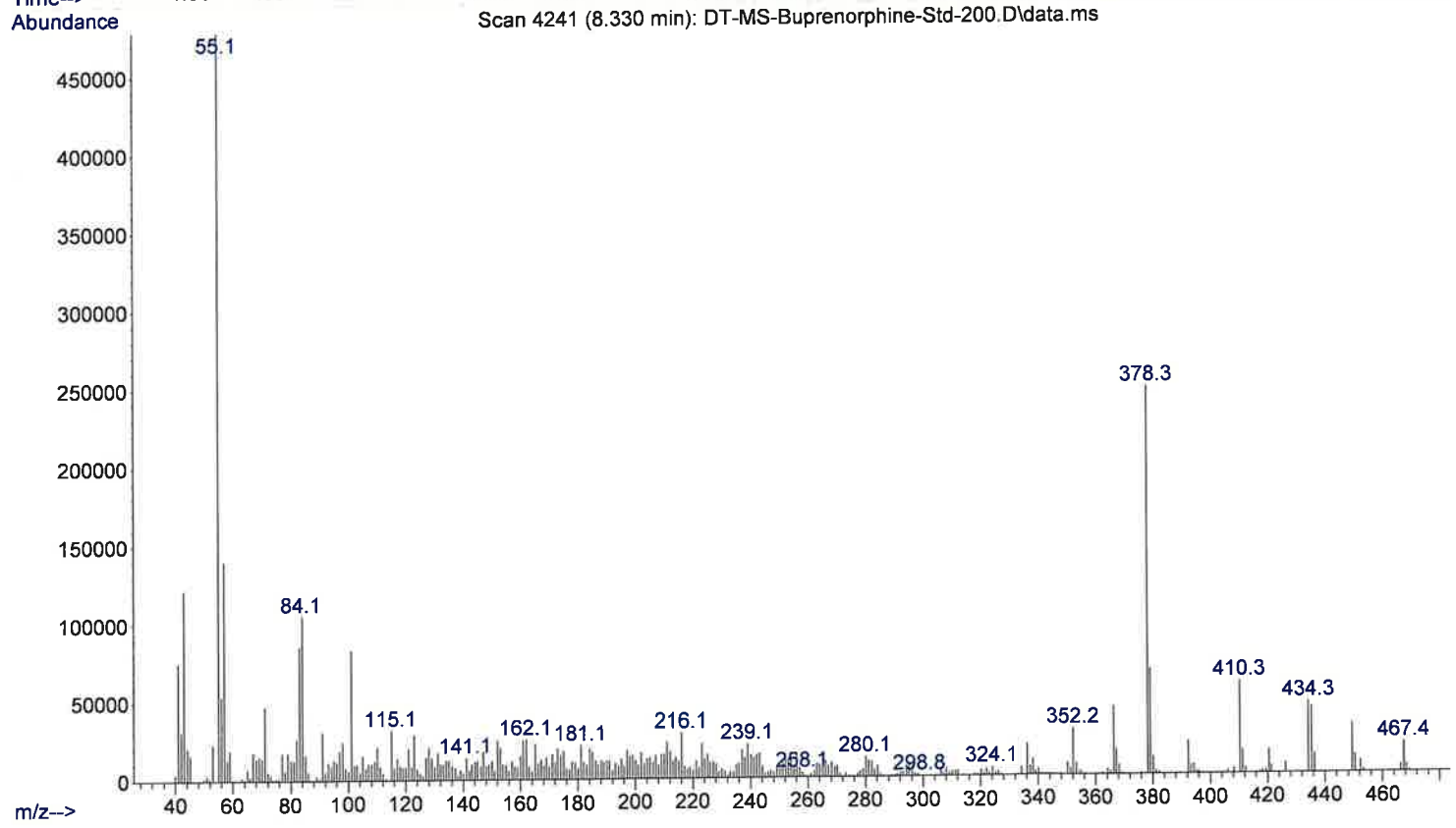




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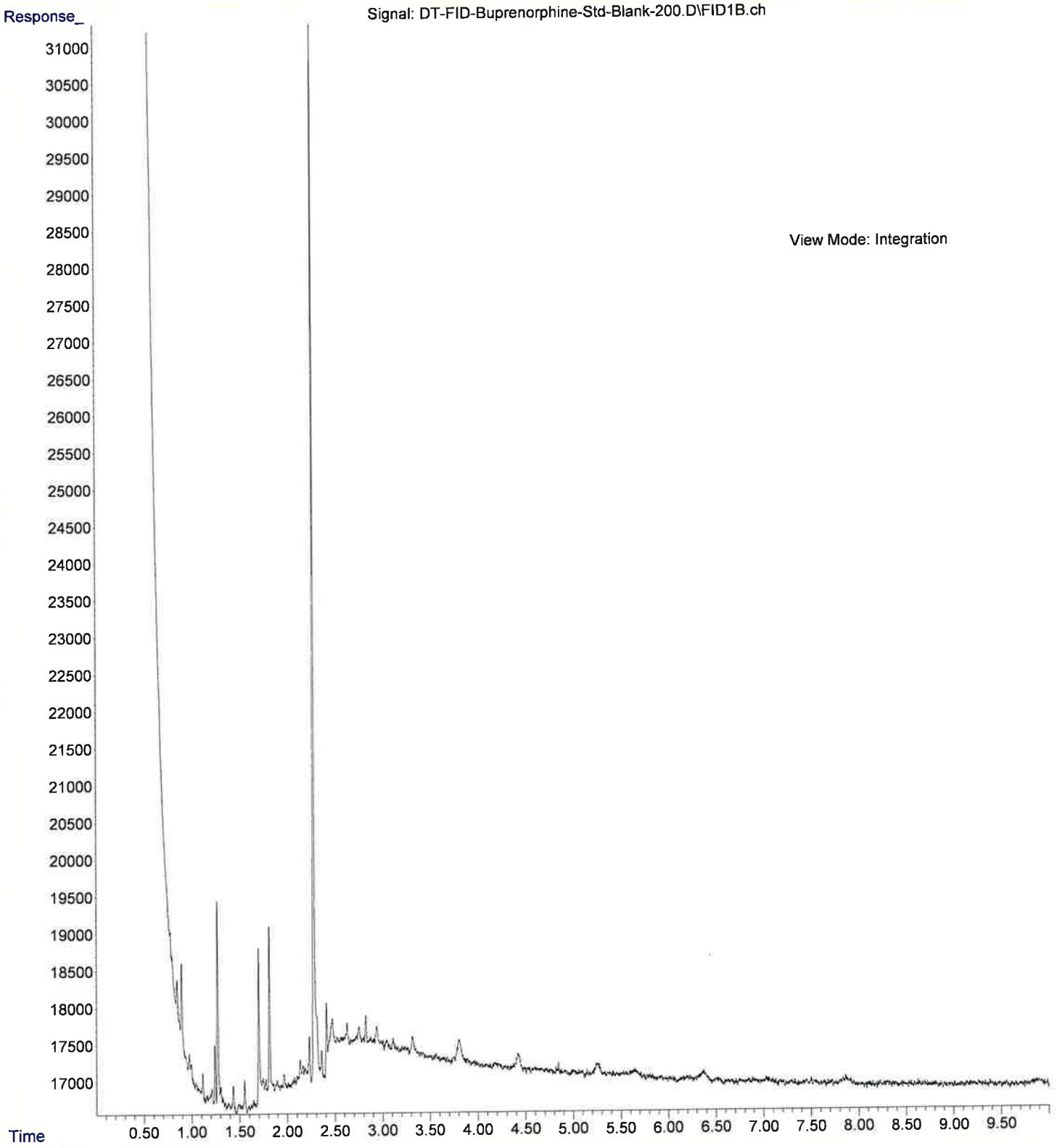
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Operator : IS
Instrument : Quincy
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Sample Name: Buprenorphine Std
Misc Info : Meoh,Cerilliant,LotFE03191903,Exp06-25-25



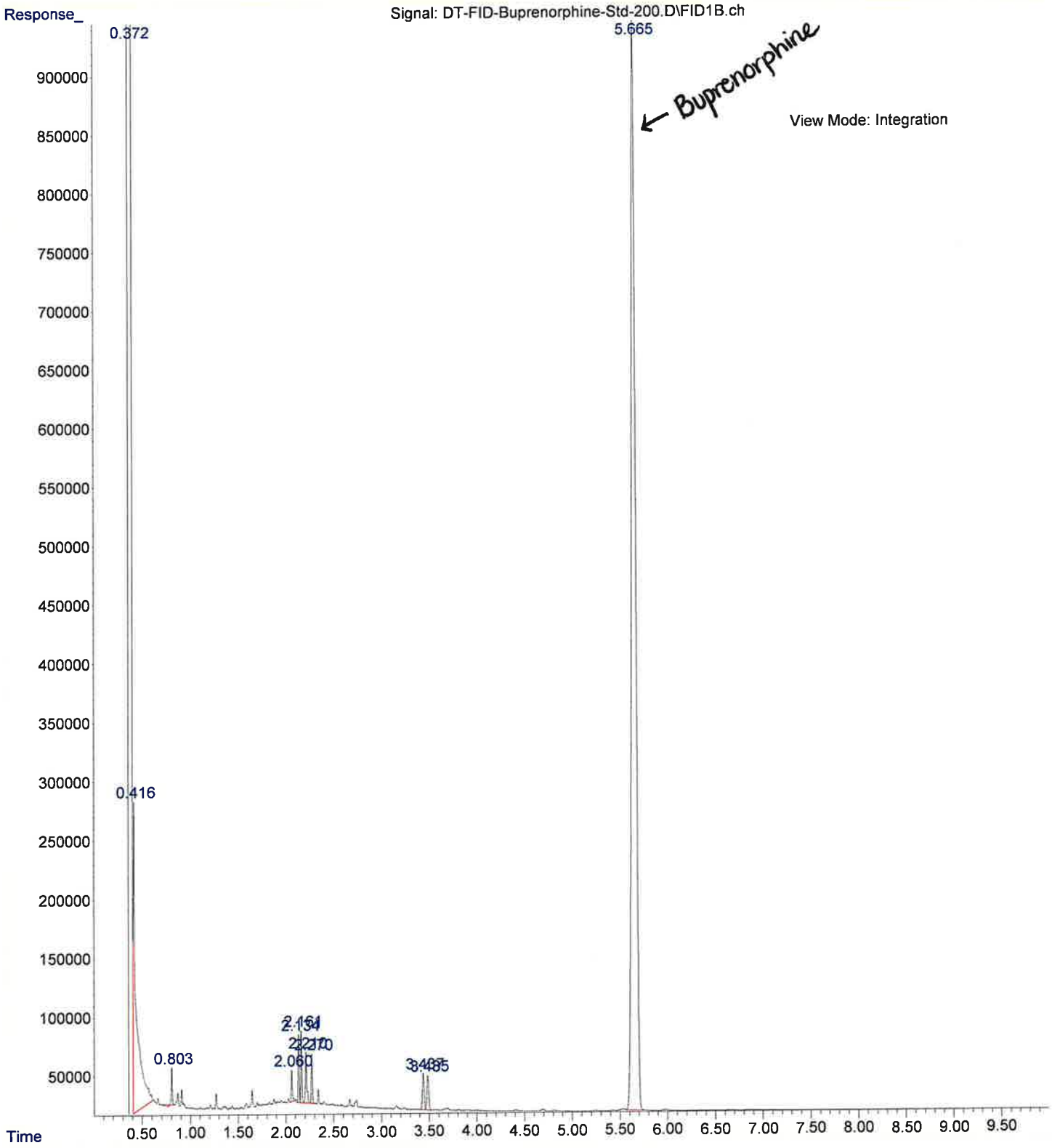


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Instrument :   Quincy
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Sample Name: Buprenorphine Std Blank
Misc Info  : Meoh
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NCOD

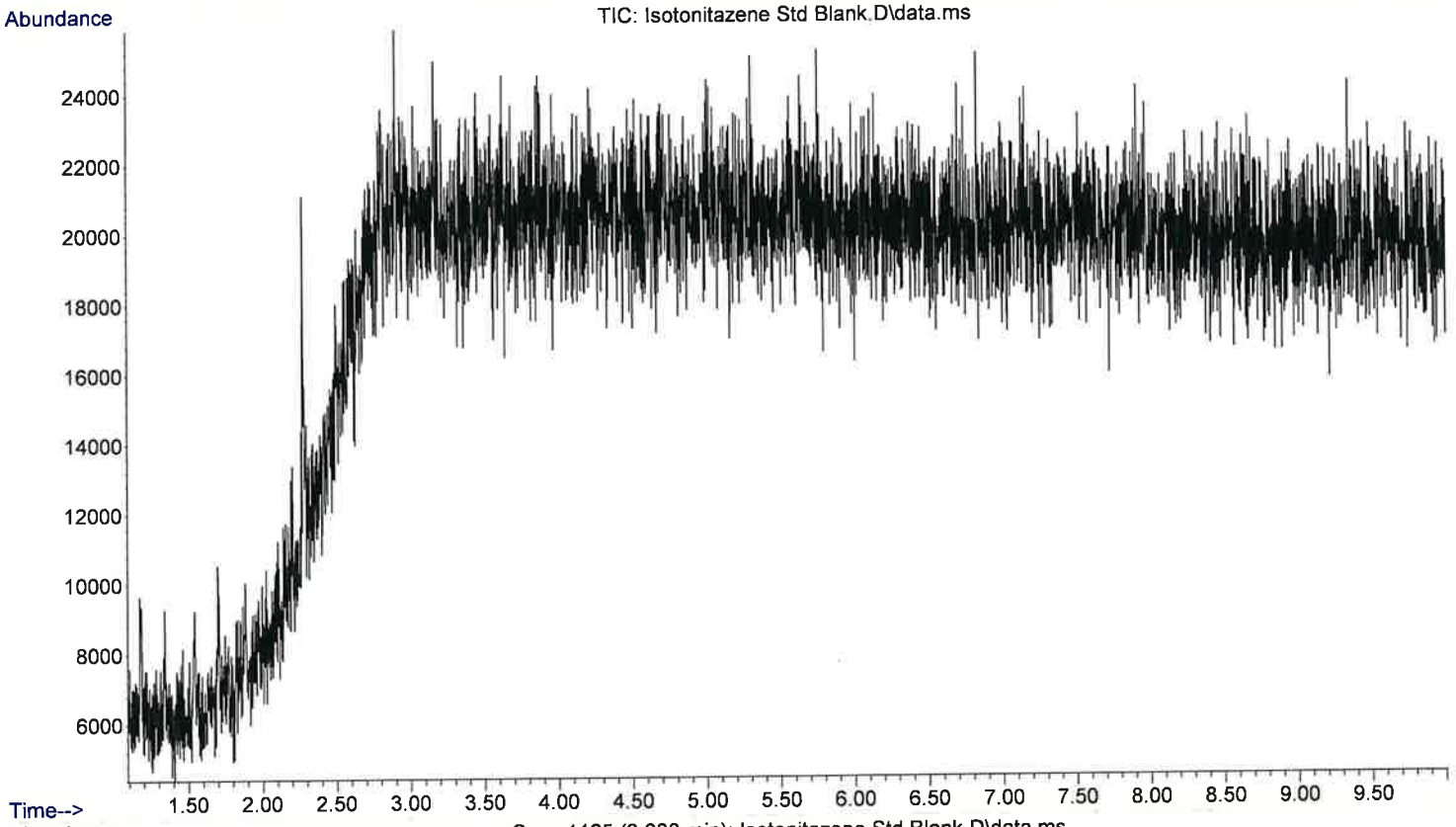


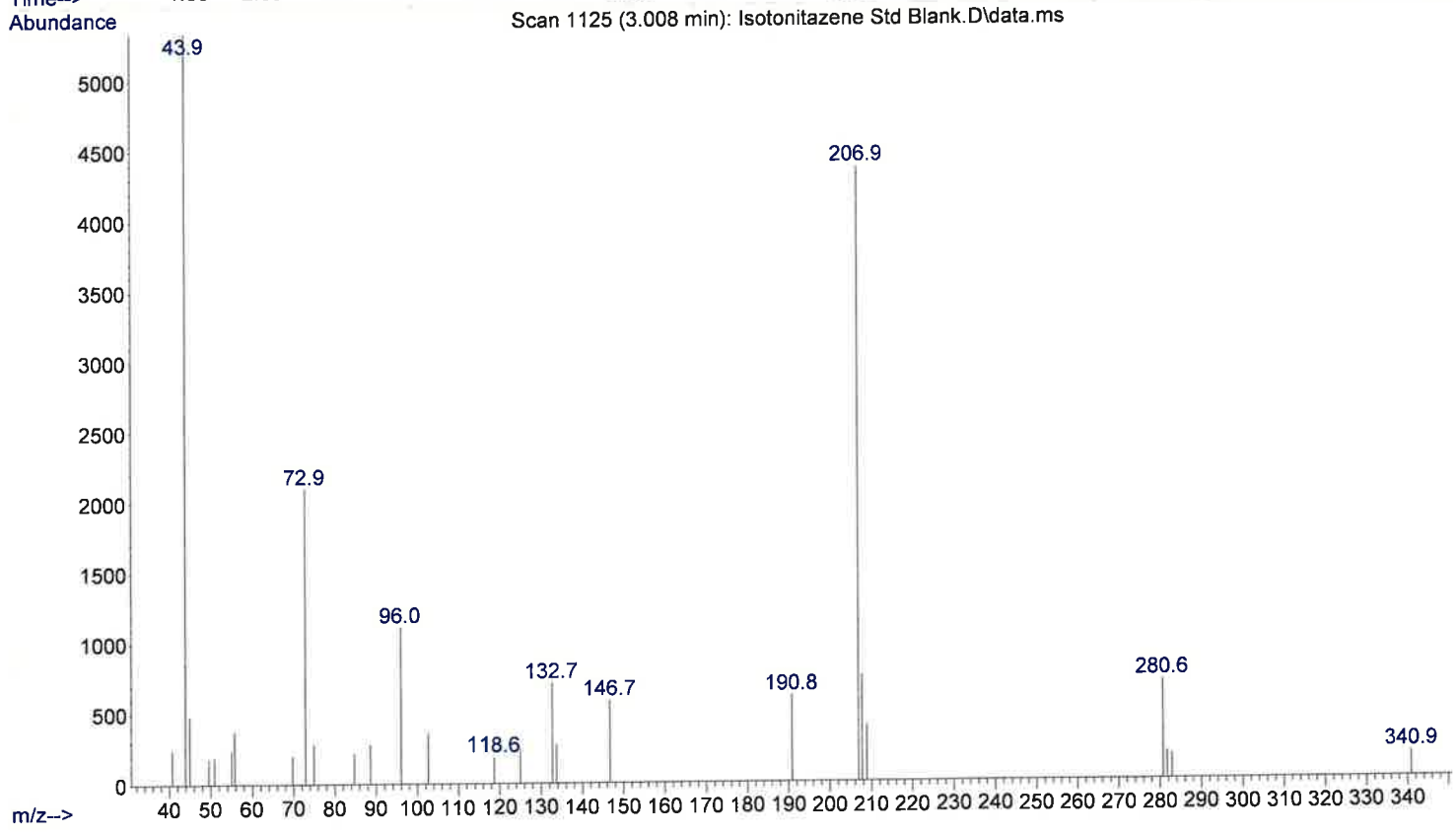
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Operator   : IS
Instrument :   Quincy
Acquired   : 07 Apr 2025  15:46     using AcqMethod DTDRUGS200.M
Sample Name: Buprenorphine Std
Misc Info  : Meoh,Cerilliant,LotFE03191903,Exp06-25-25
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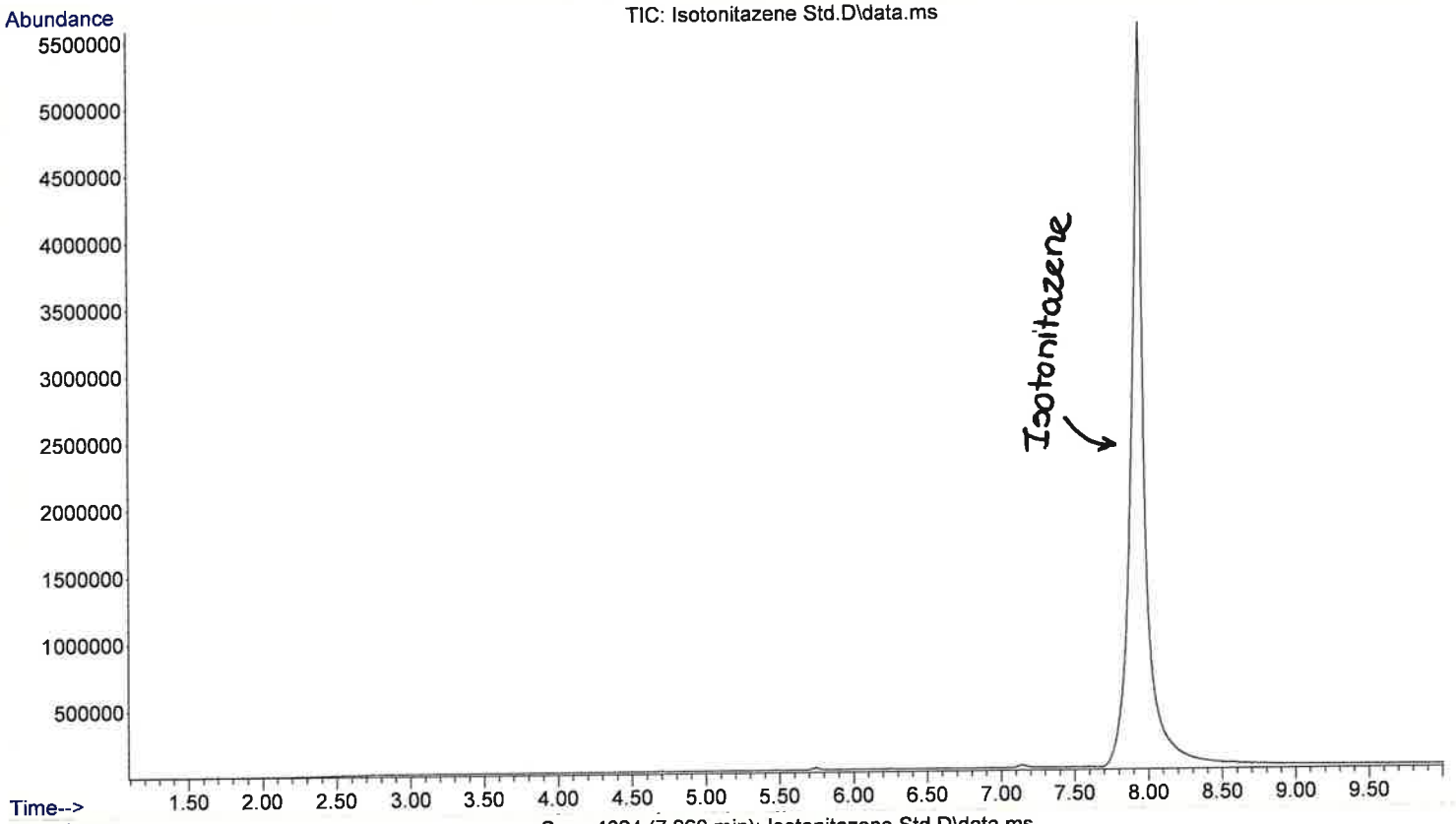
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Sample Name: Isotonitazene Std Blank
Misc Info : Meoh

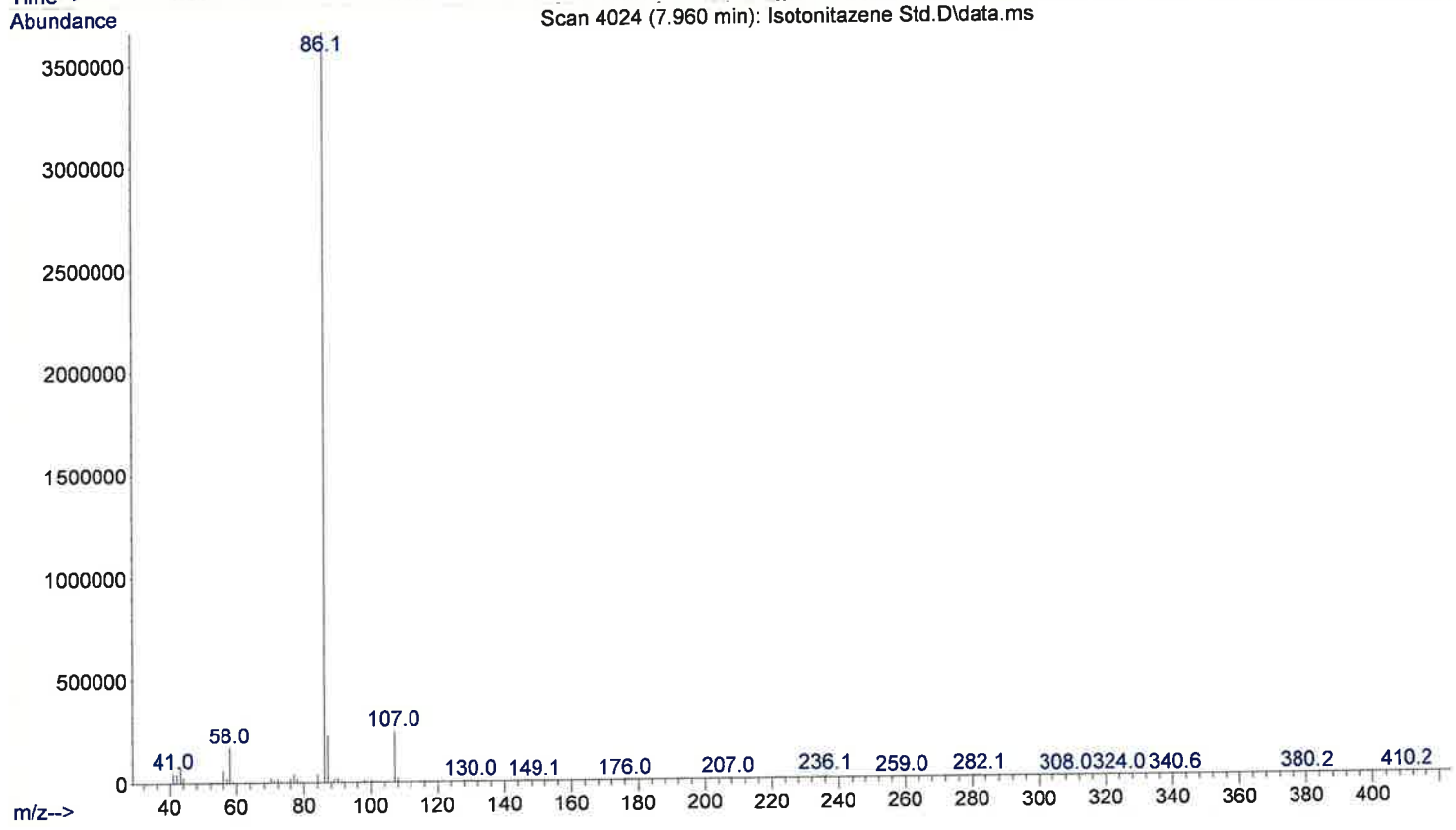
NCSD





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Operator : IS
Instrument : Quincy
Acquired : 04 Apr 2025 16:26 using AcqMethod ASMSDRUGS200.M
Sample Name: Isotonitazene Std
Misc Info : Meoh,CaymanChem,Lot0577984-1,Exp02-14-25

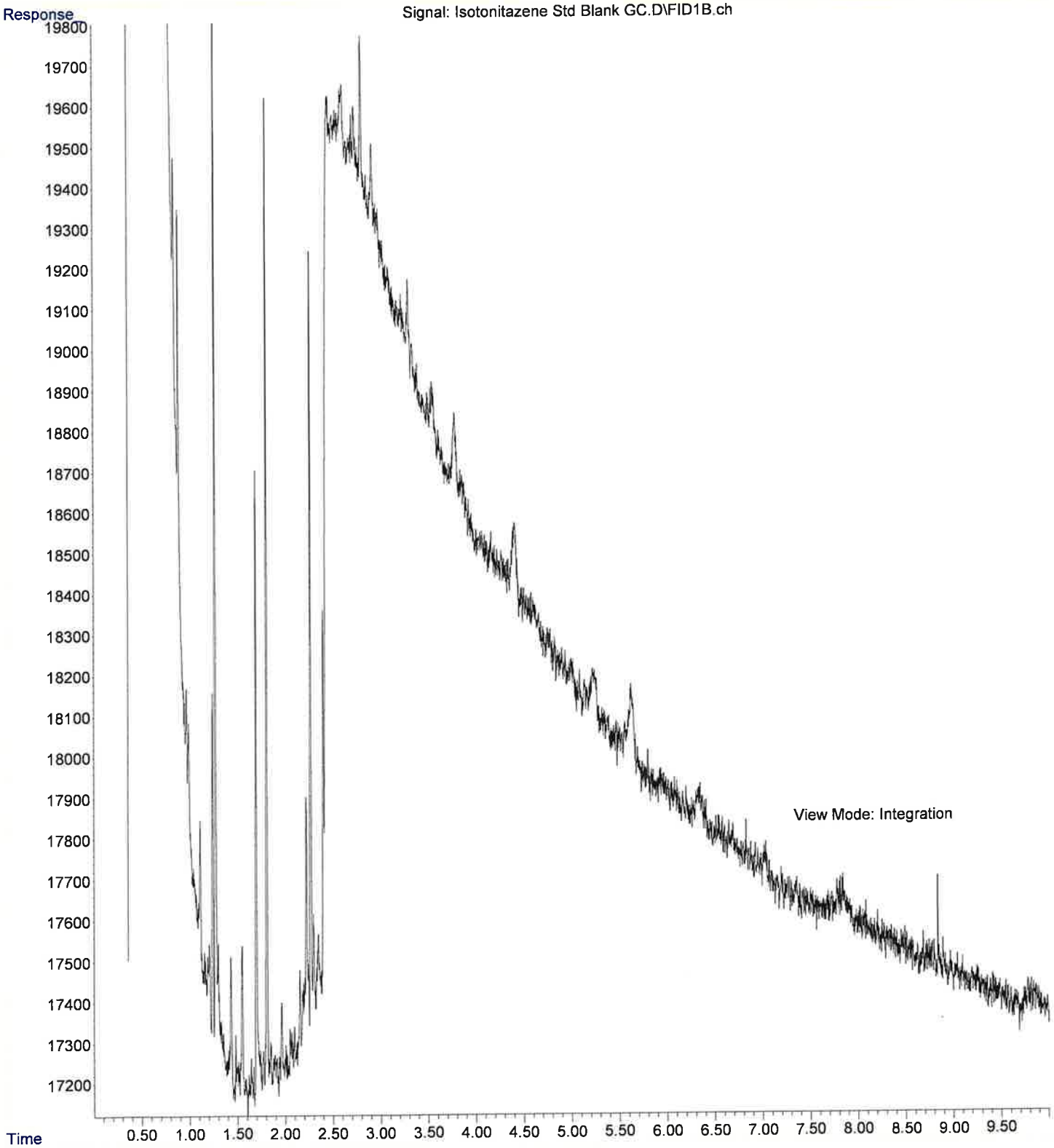




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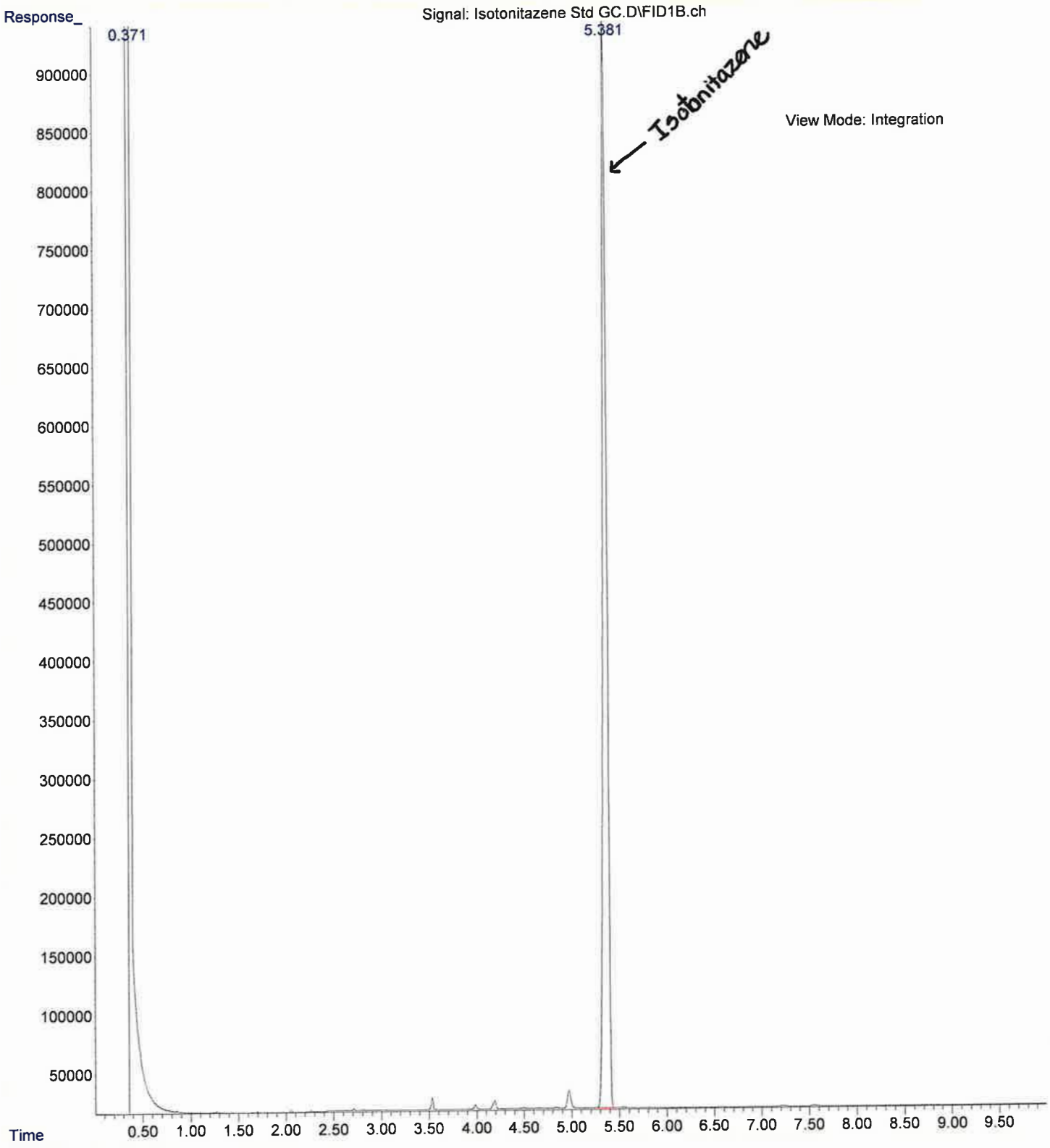
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Sample Name: Isotonitazene Std Blank GC
Misc Info : Meoh

NOSD



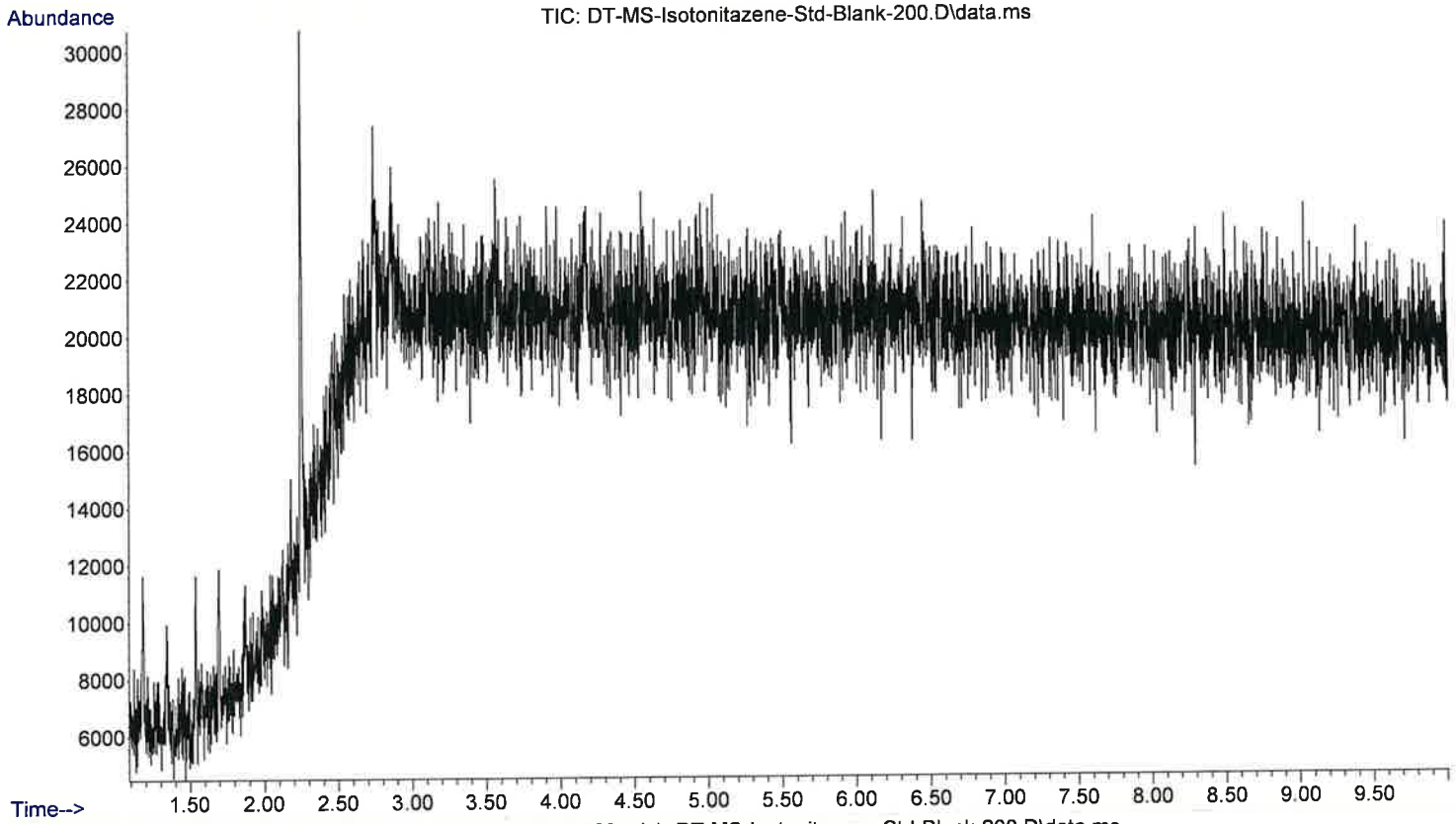
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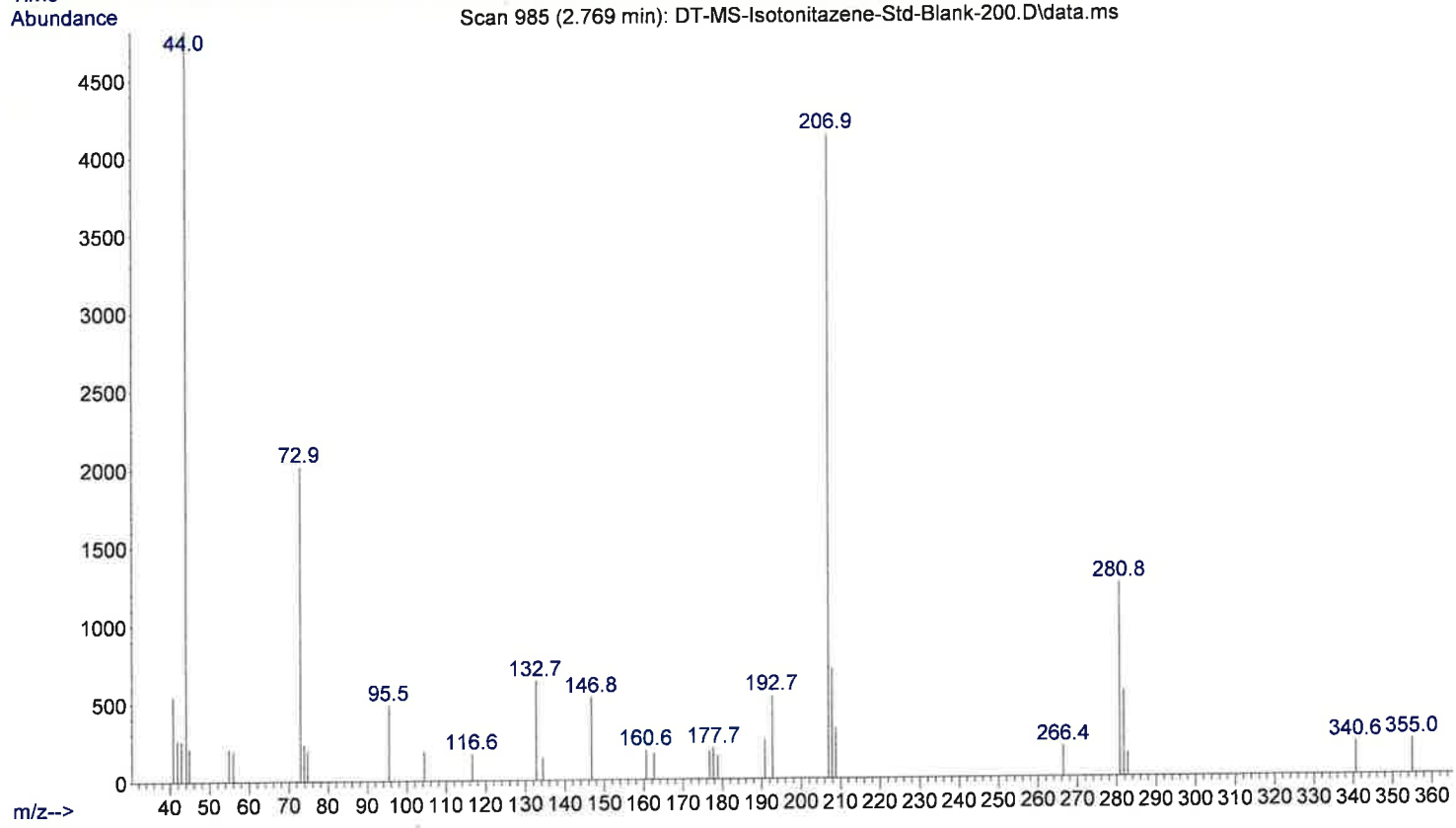
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Instrument : Quincy
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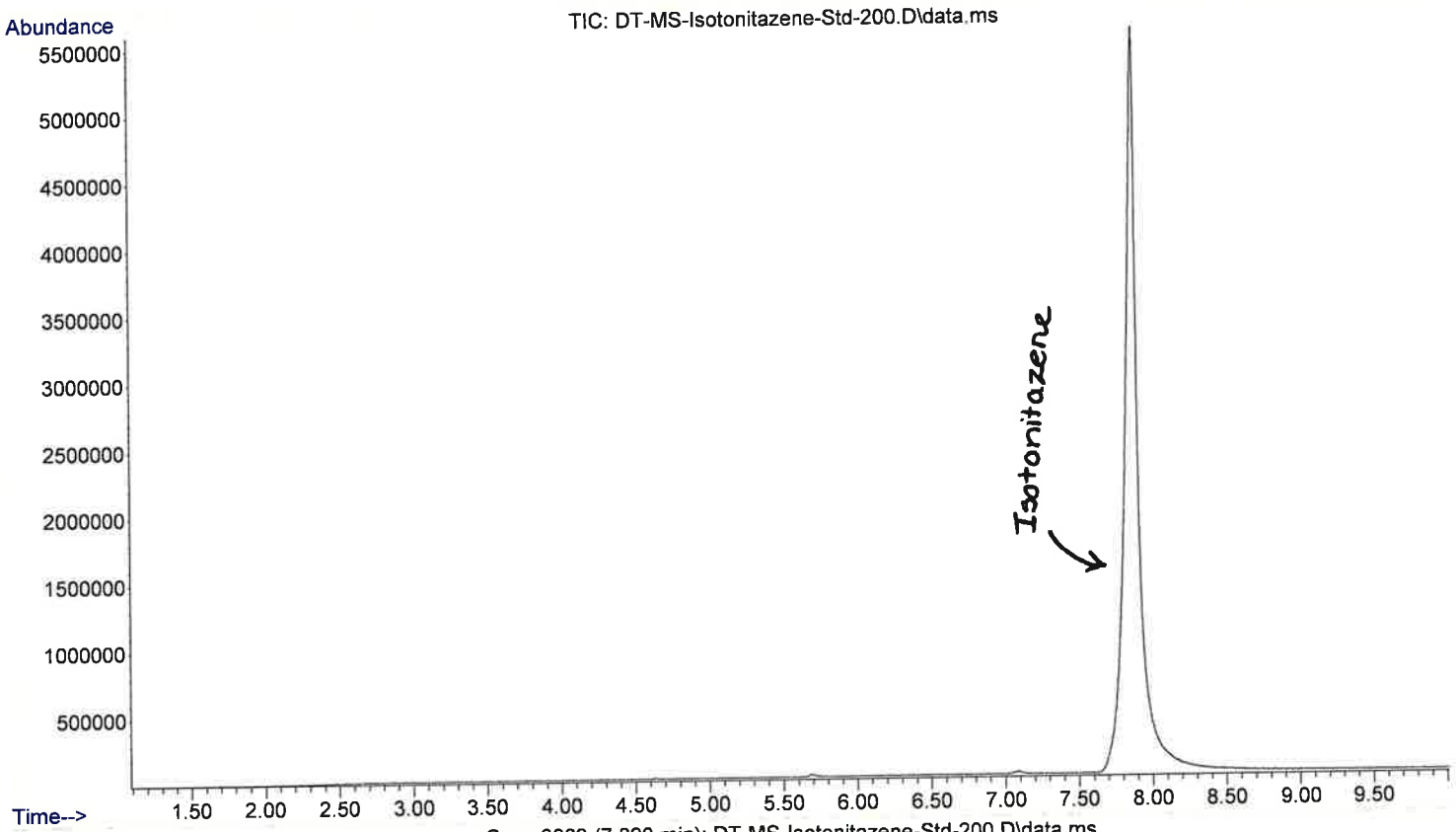
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Sample Name: Isotonitazene Std Blank
Misc Info : Meoh

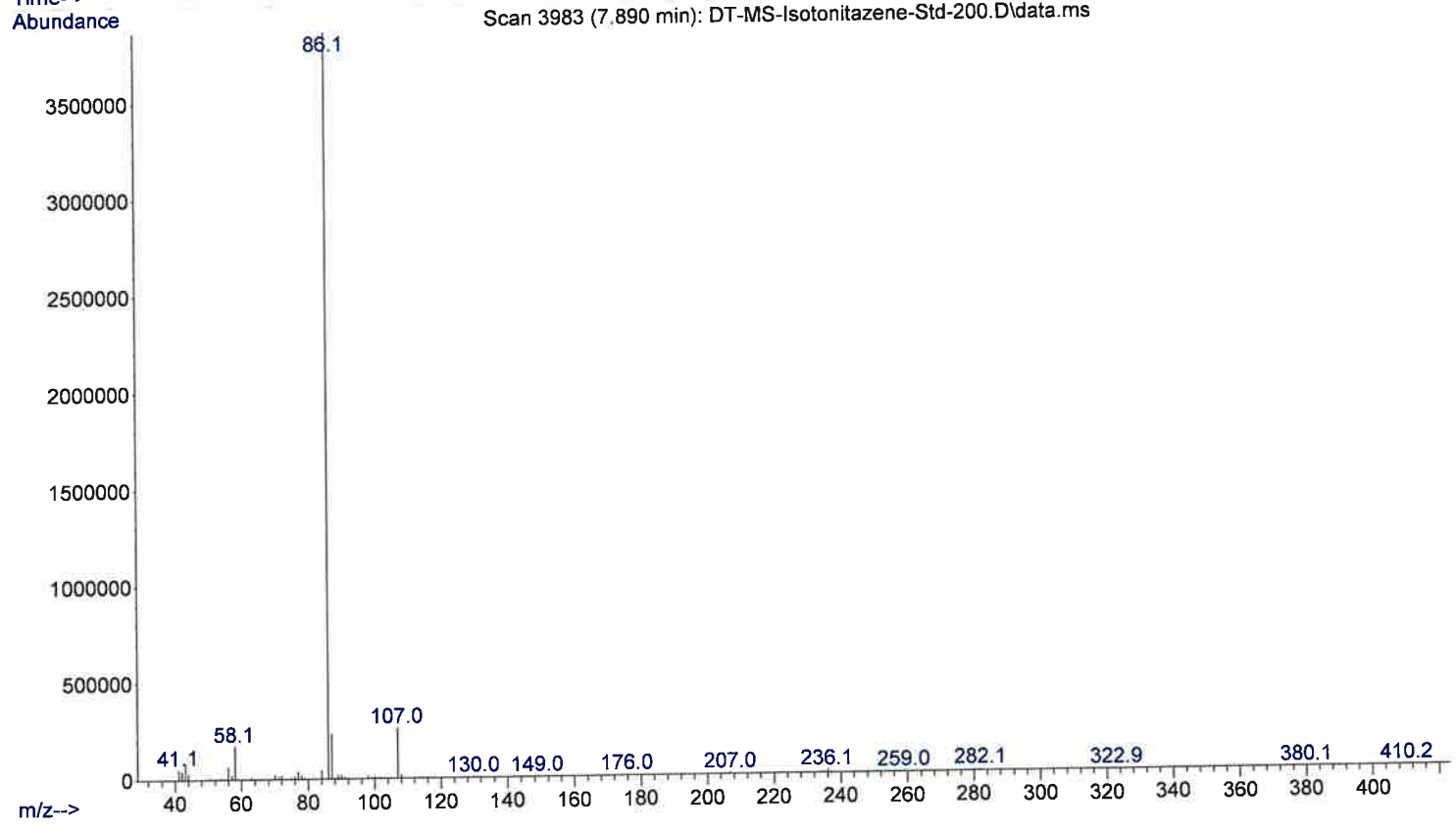
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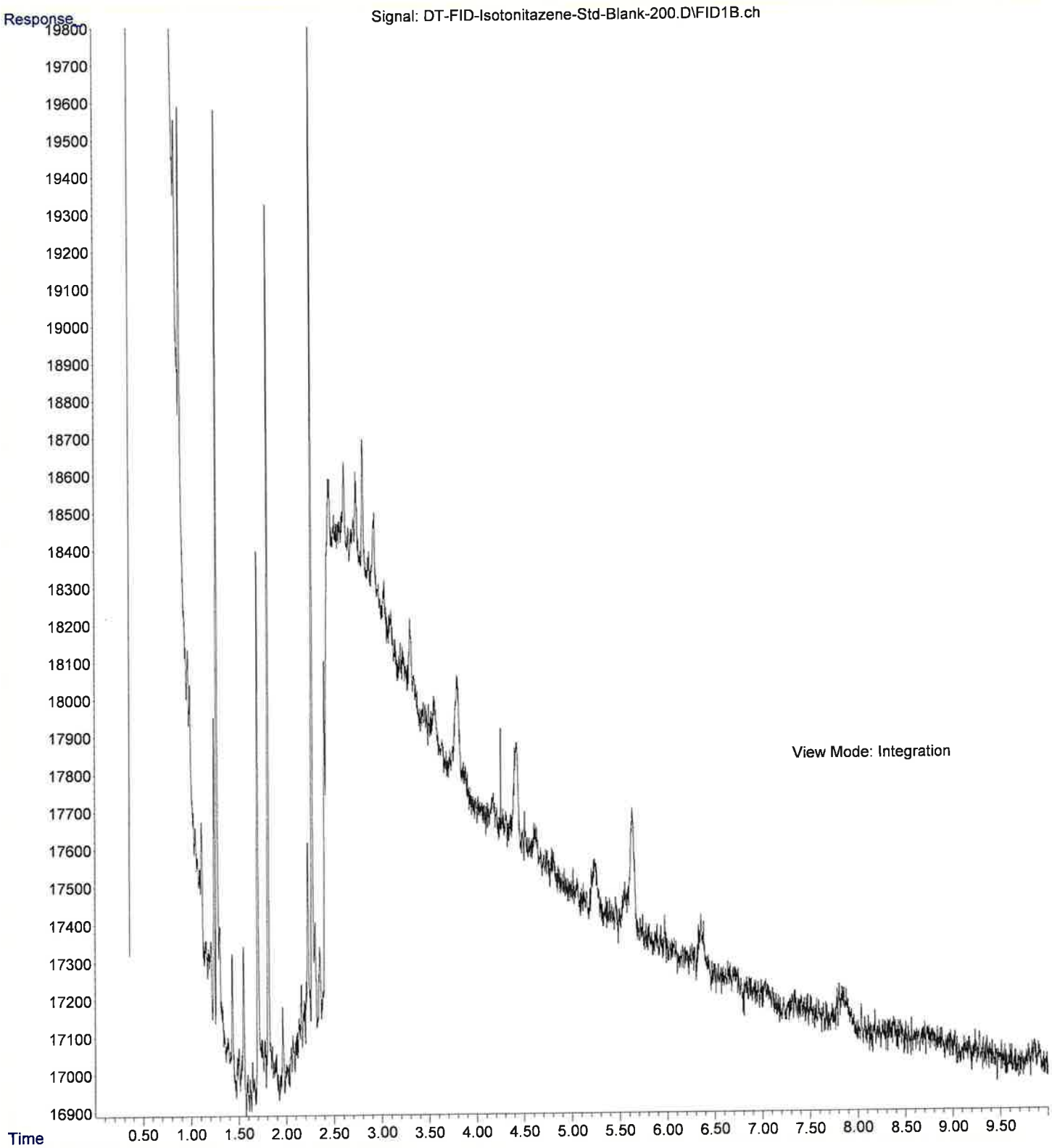
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Instrument : Quincy
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Sample Name: Isotonitazene Std
Misc Info : Meoh,CaymanChem,Lot0577984-1,Exp02-14-25



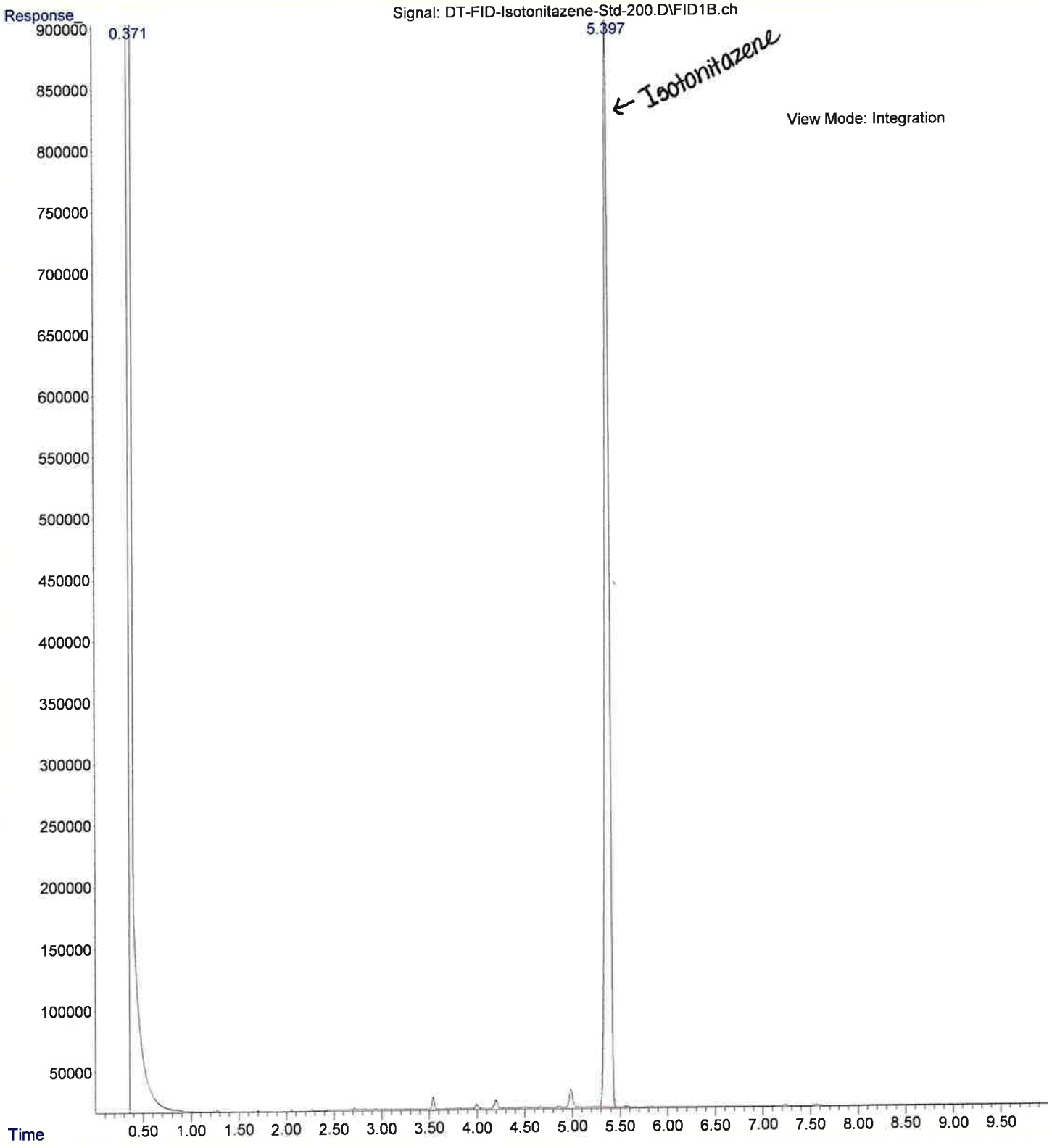


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Instrument :   Quincy
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Sample Name: Isotonitazene Std Blank
Misc Info  : Meoh
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NCOD



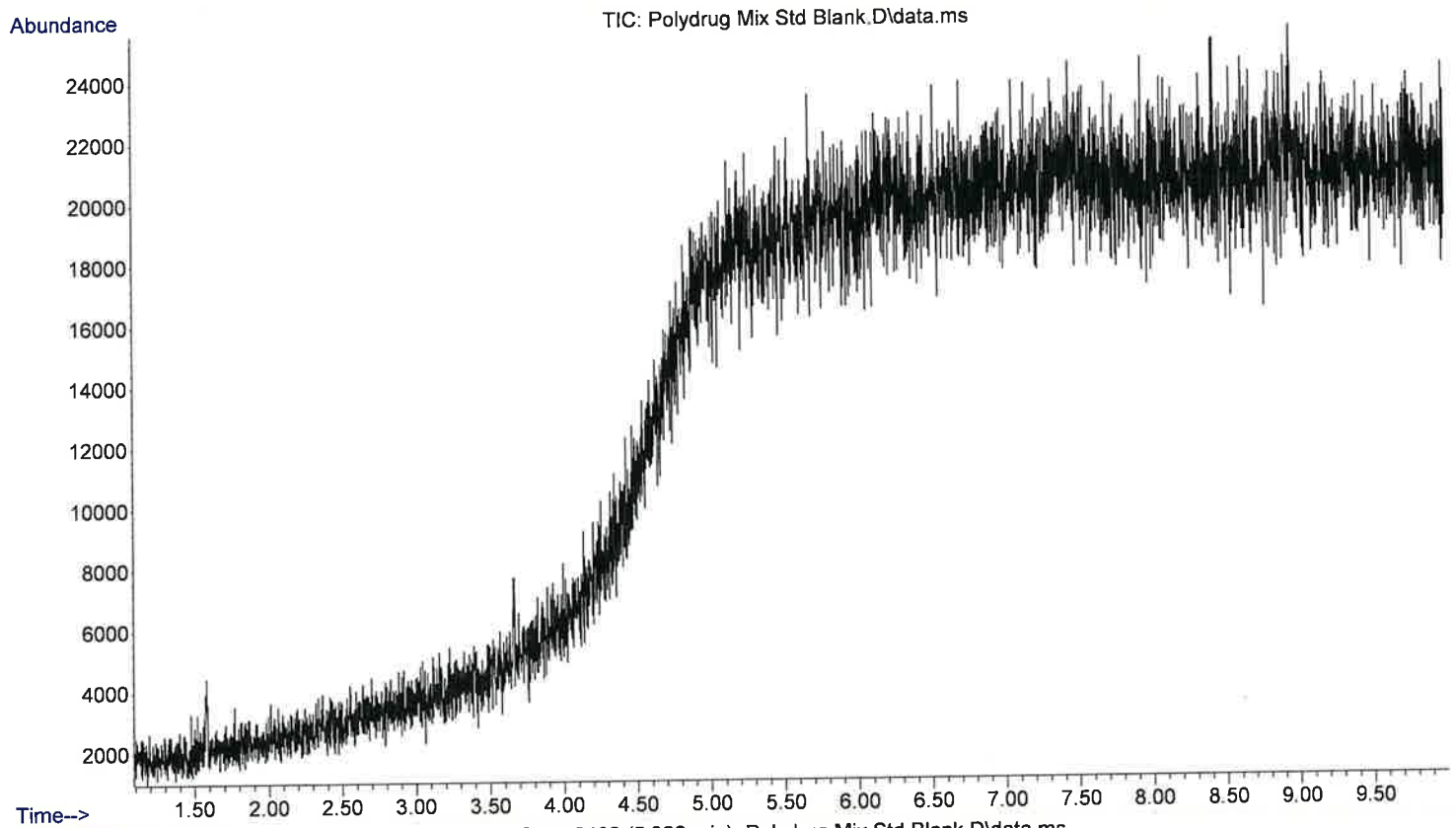
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Instrument : Quincy
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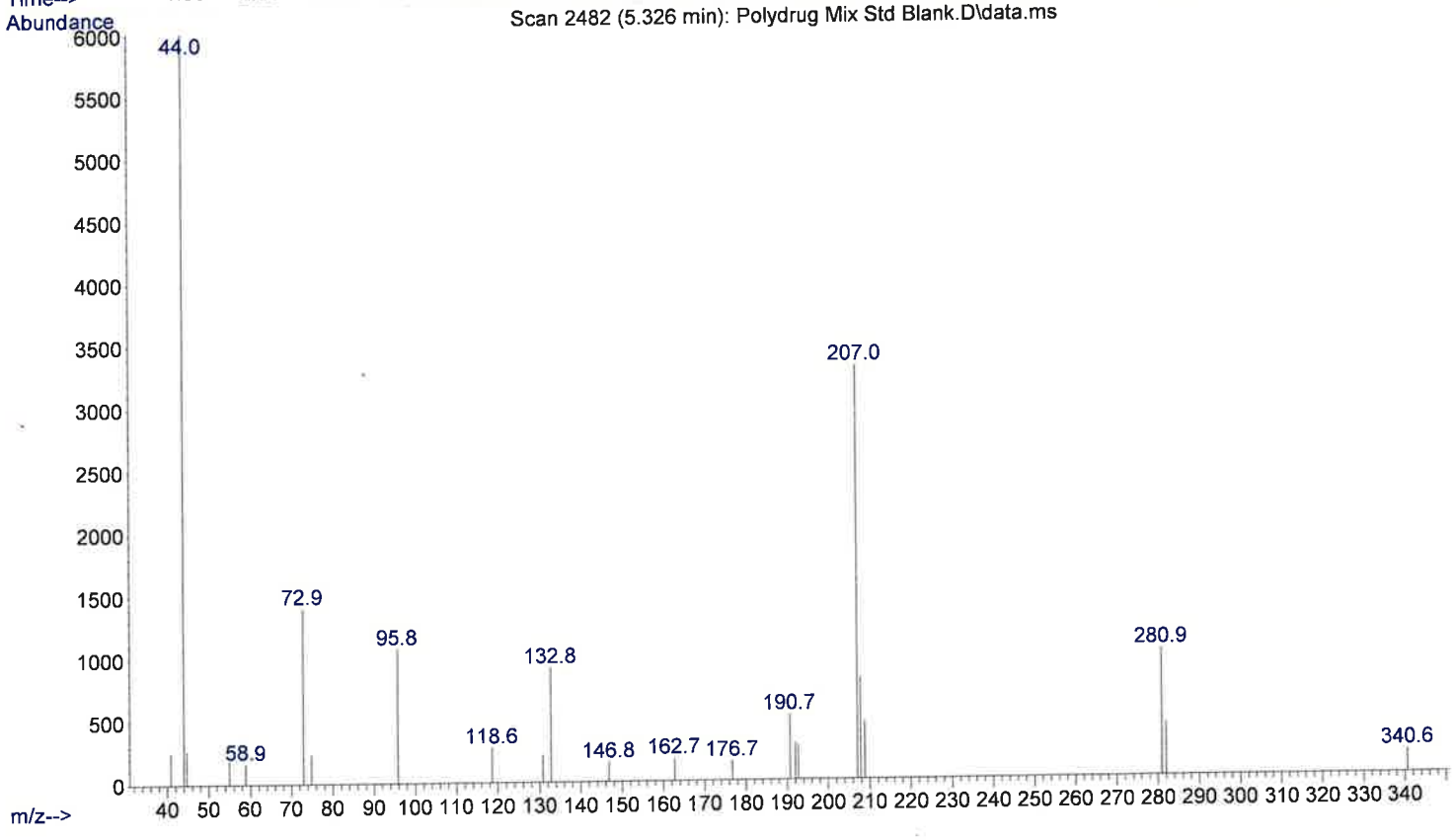


Dual Tower Injection Starting on 5-12-25

	DTDRUGS100	2%	(-)	(+)	ASGC100	
Polydrug Mix:	**5/12/2025**				**5/12/2025**	
Xylazine	**3.015**	0.0603	2.9547	3.0753	**3.207**	Outside of Range
4-ANPP	**3.934**	0.07868	3.85532	4.01268	**4.234**	Outside of Range
Heroin	**4.24**	0.0848	4.1552	4.3248	**4.58**	Outside of Range
Para-fluorofentanyl	**4.353**	0.08706	4.26594	4.44006	**4.712**	Outside of Range
Fentanyl	**4.41**	0.0882	4.3218	4.4982	**4.784**	Outside of Range
Methamphetamine	**1.245**	0.0249	1.2201	1.2699	**1.246**	
GCMS Calibration Mix:						
Pethidine	**2.638**	0.05276	2.58524	2.69076	**2.782**	Outside of Range
Cocaine	**3.481**	0.06962	3.41138	3.55062	**3.717**	Outside of Range
Hydrocodone	**3.908**	0.07816	3.82984	3.98616	**4.199**	Outside of Range
Alprazolam	**4.836**	0.09672	4.73928	4.93272	**5.337**	Outside of Range
Delta-9-THC	**4.04**	0.0808	3.9592	4.1208	**4.279**	Outside of Range

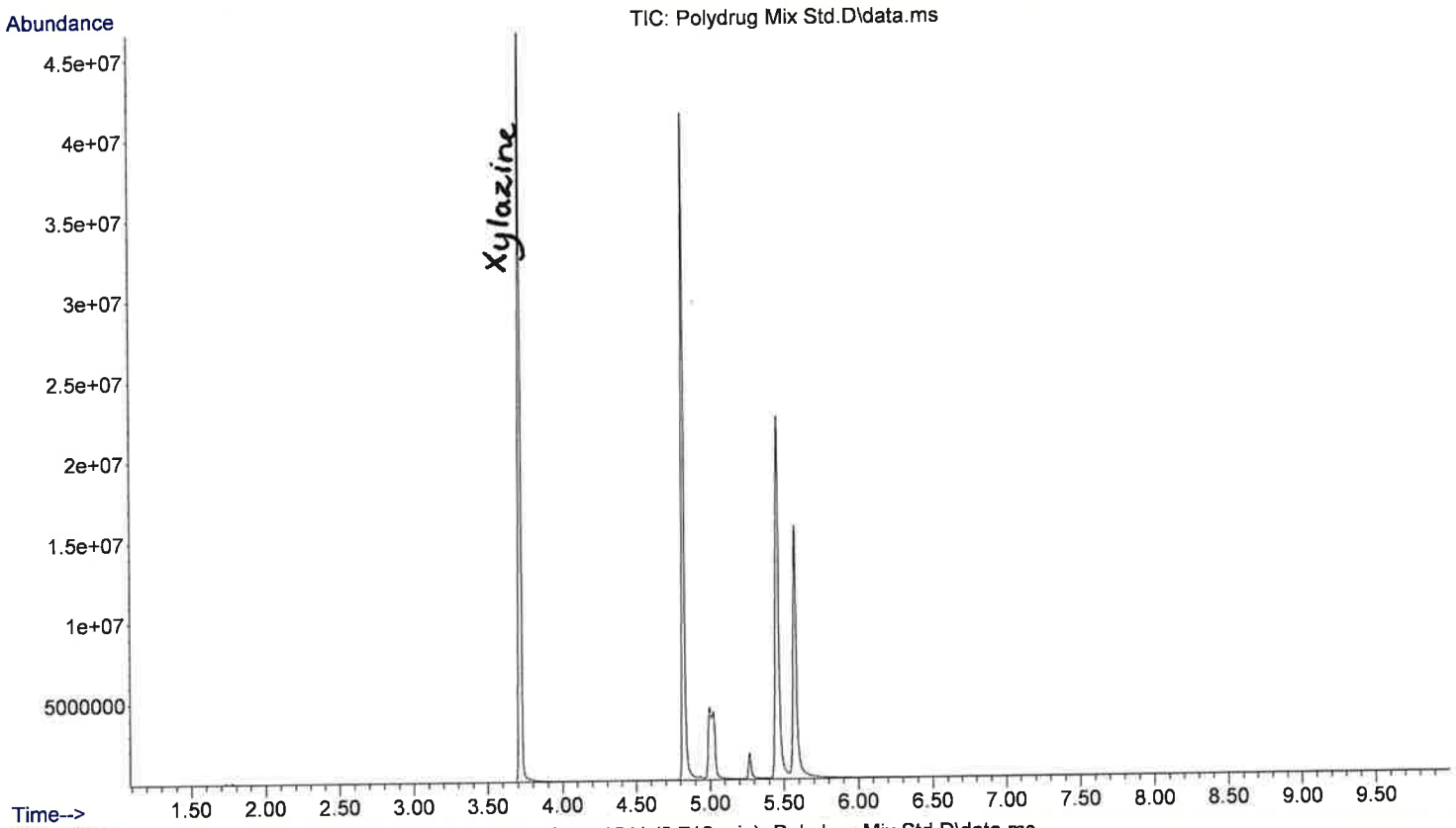
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Sample Name: Polydrug Mix Std Blank
Misc Info : Meoh

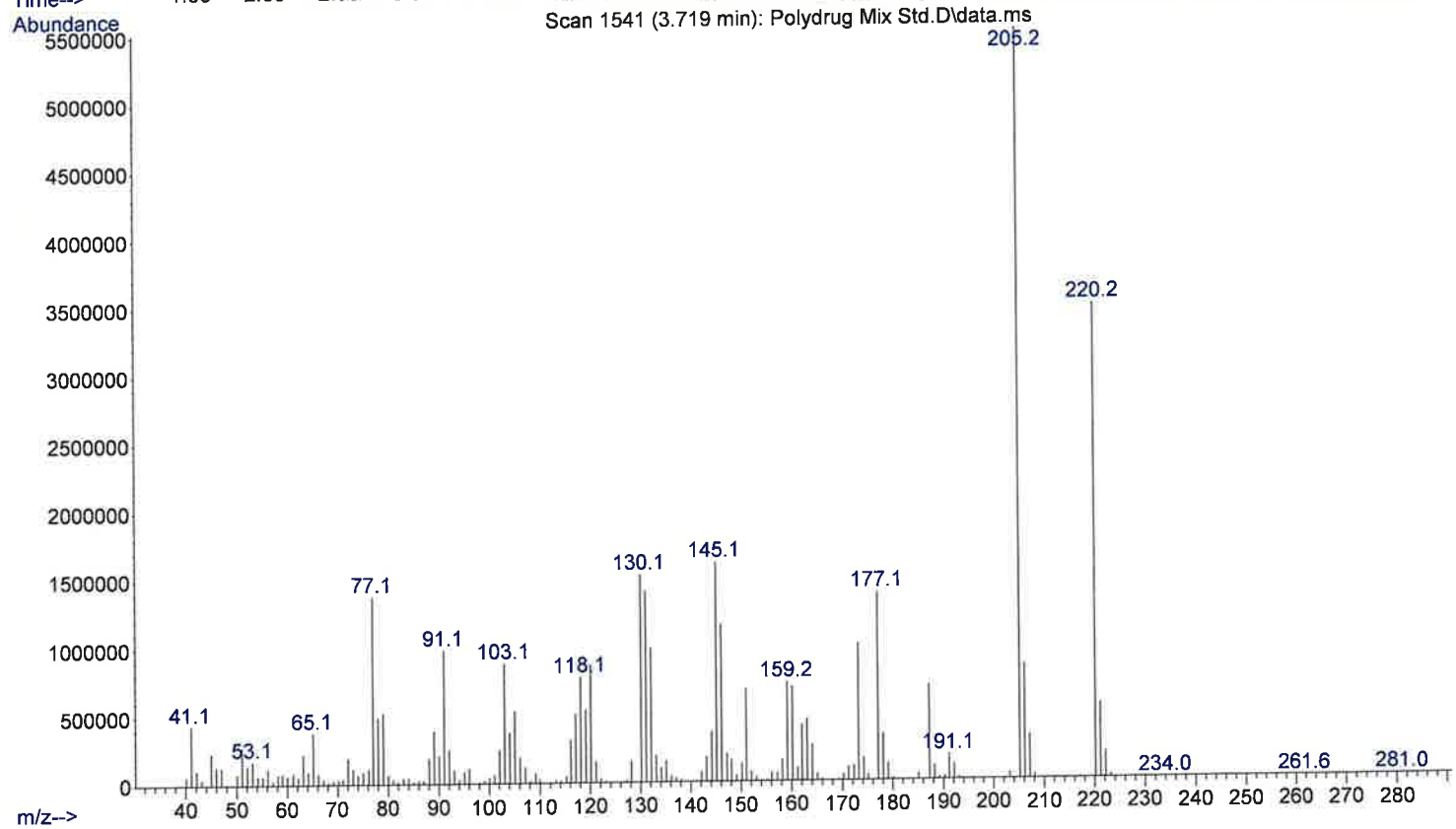




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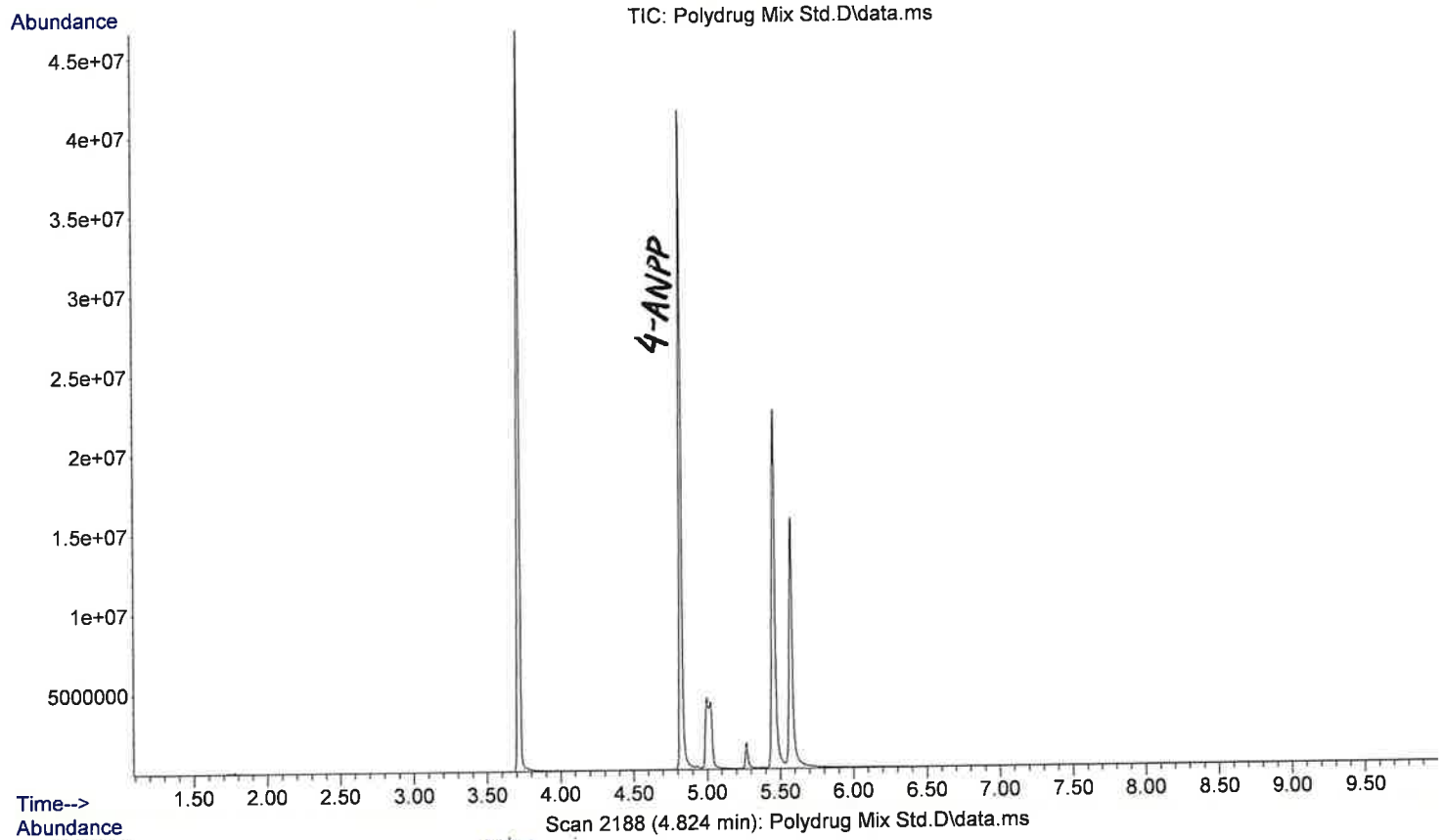
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Misc Info : Meoh,Exp 12-11-25

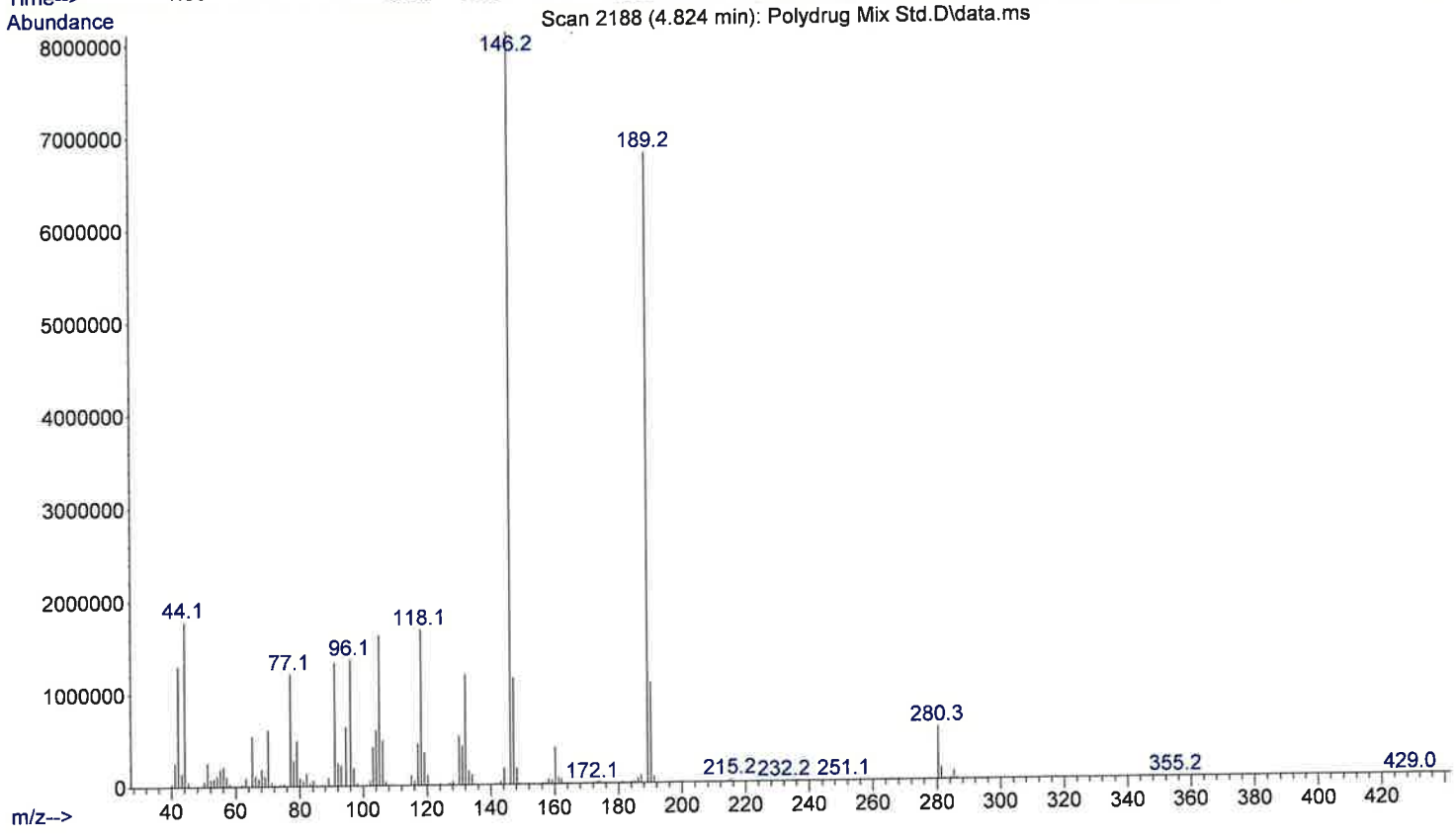




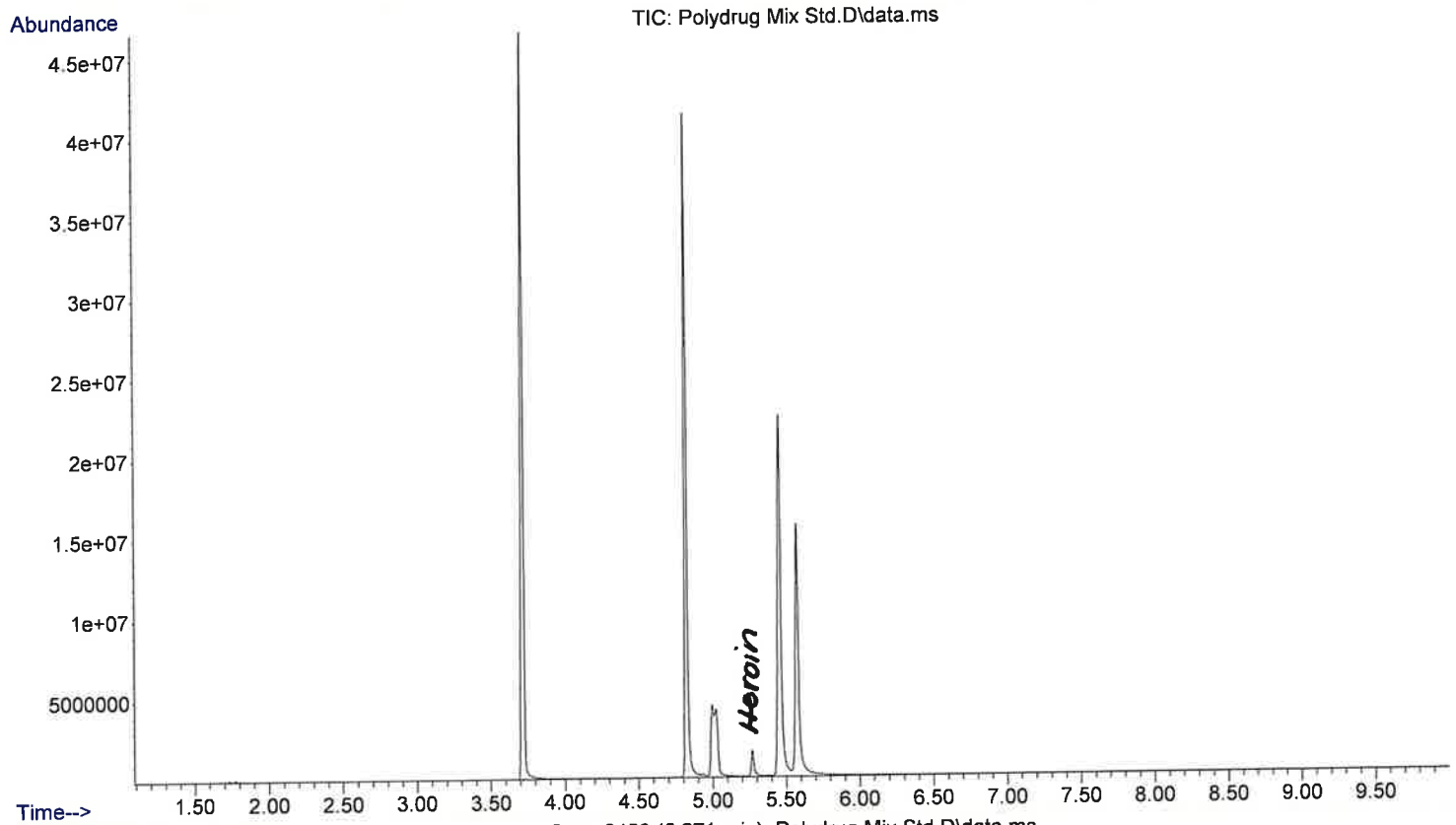
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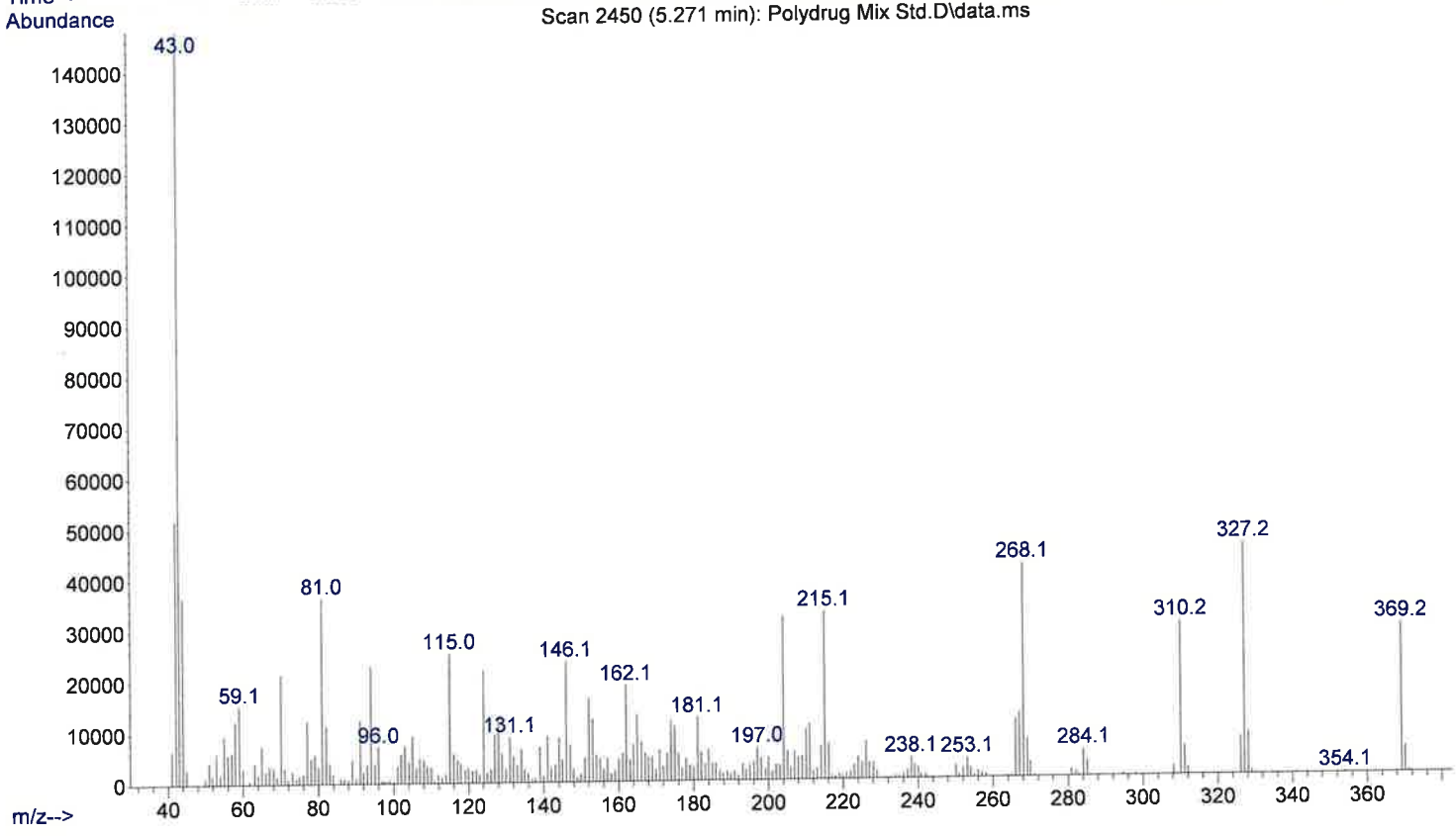
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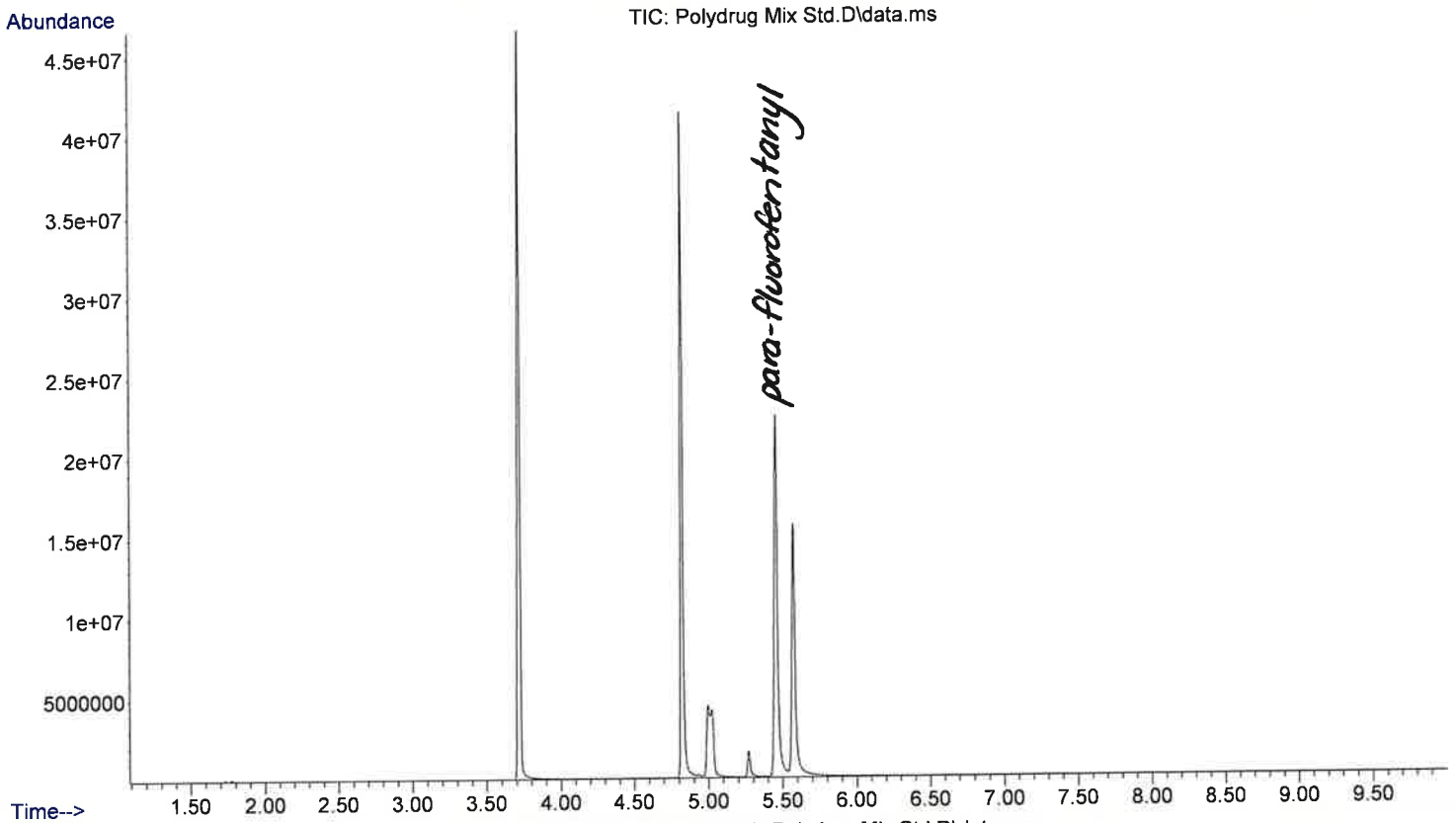


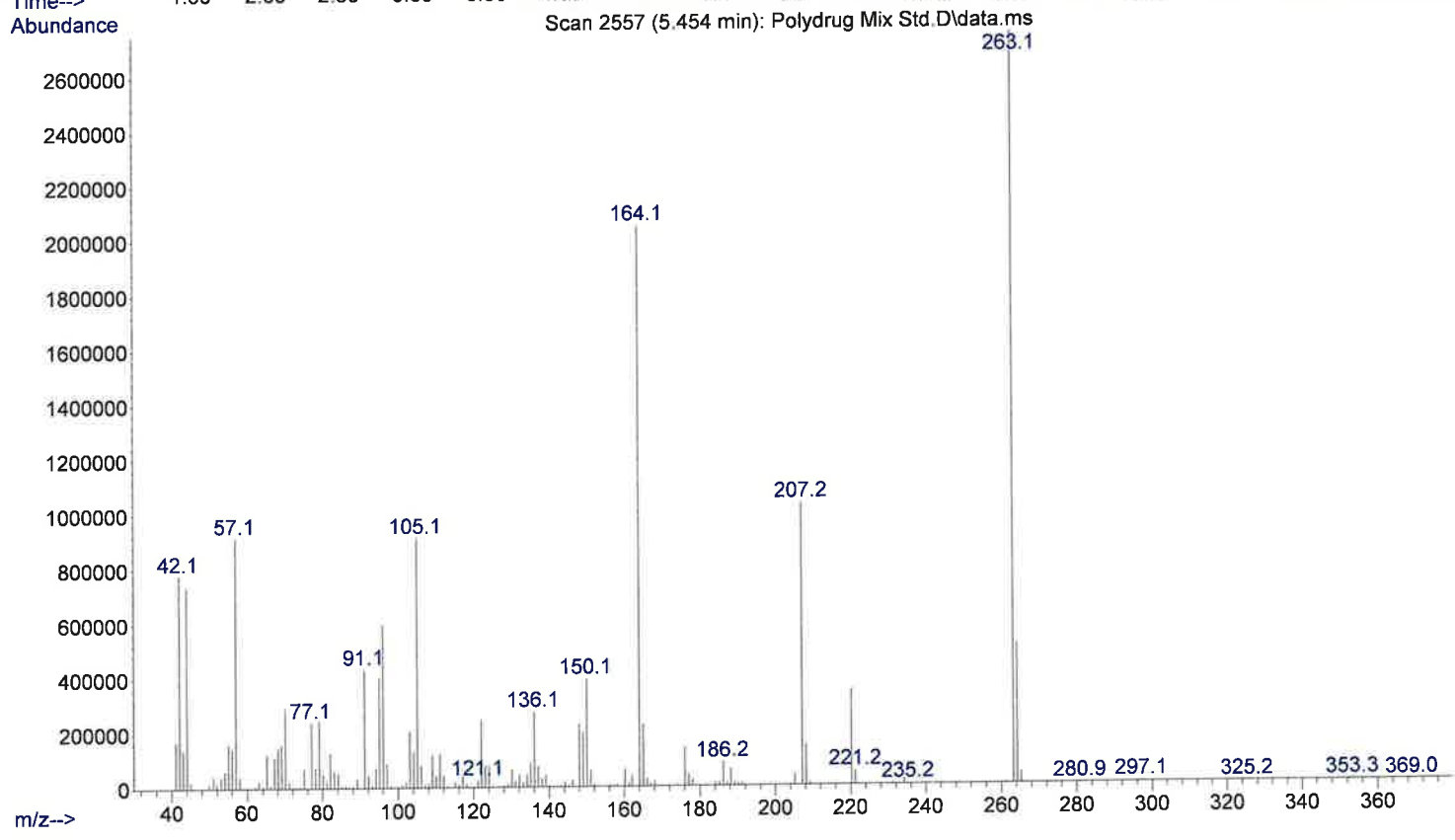
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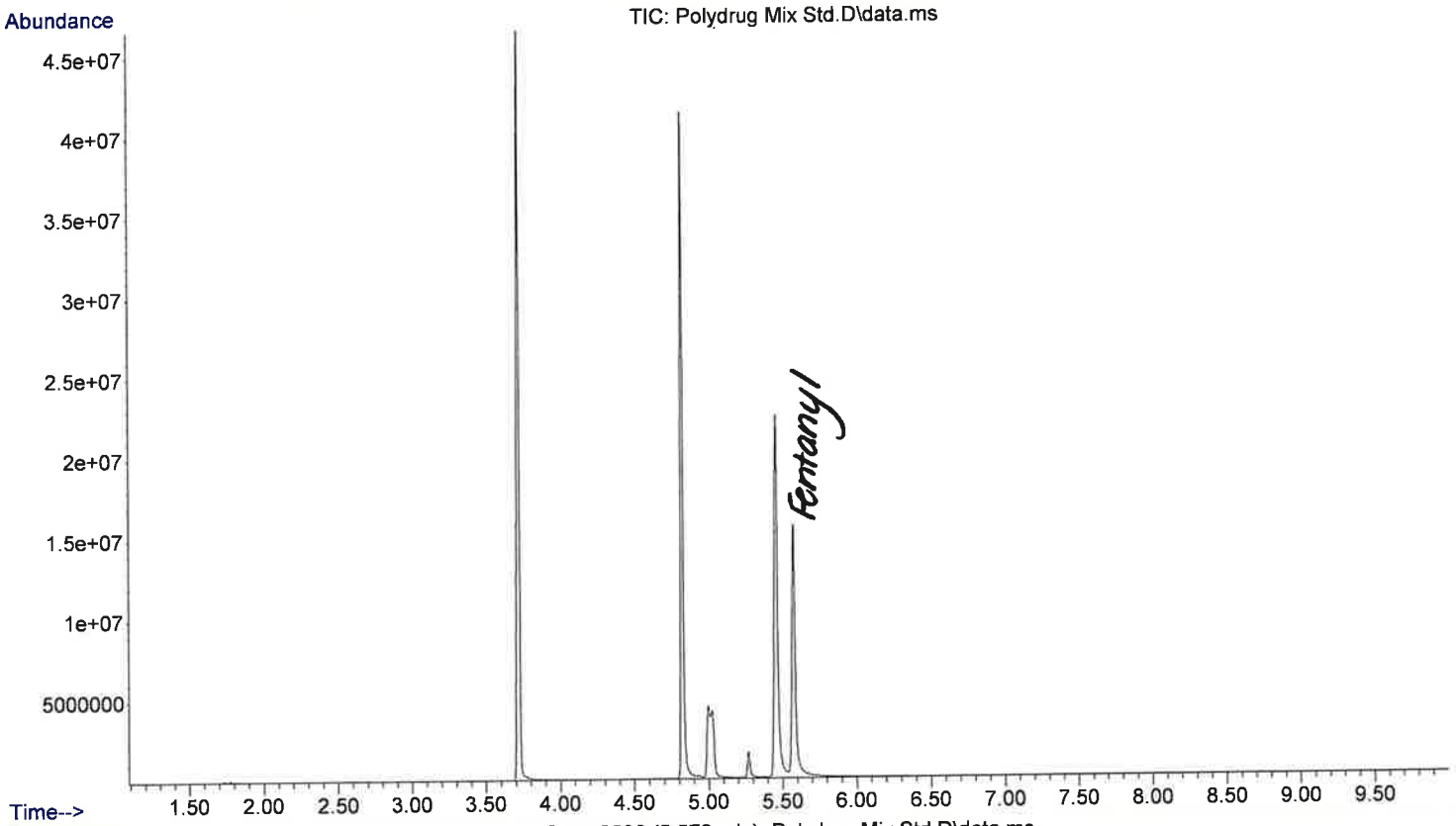


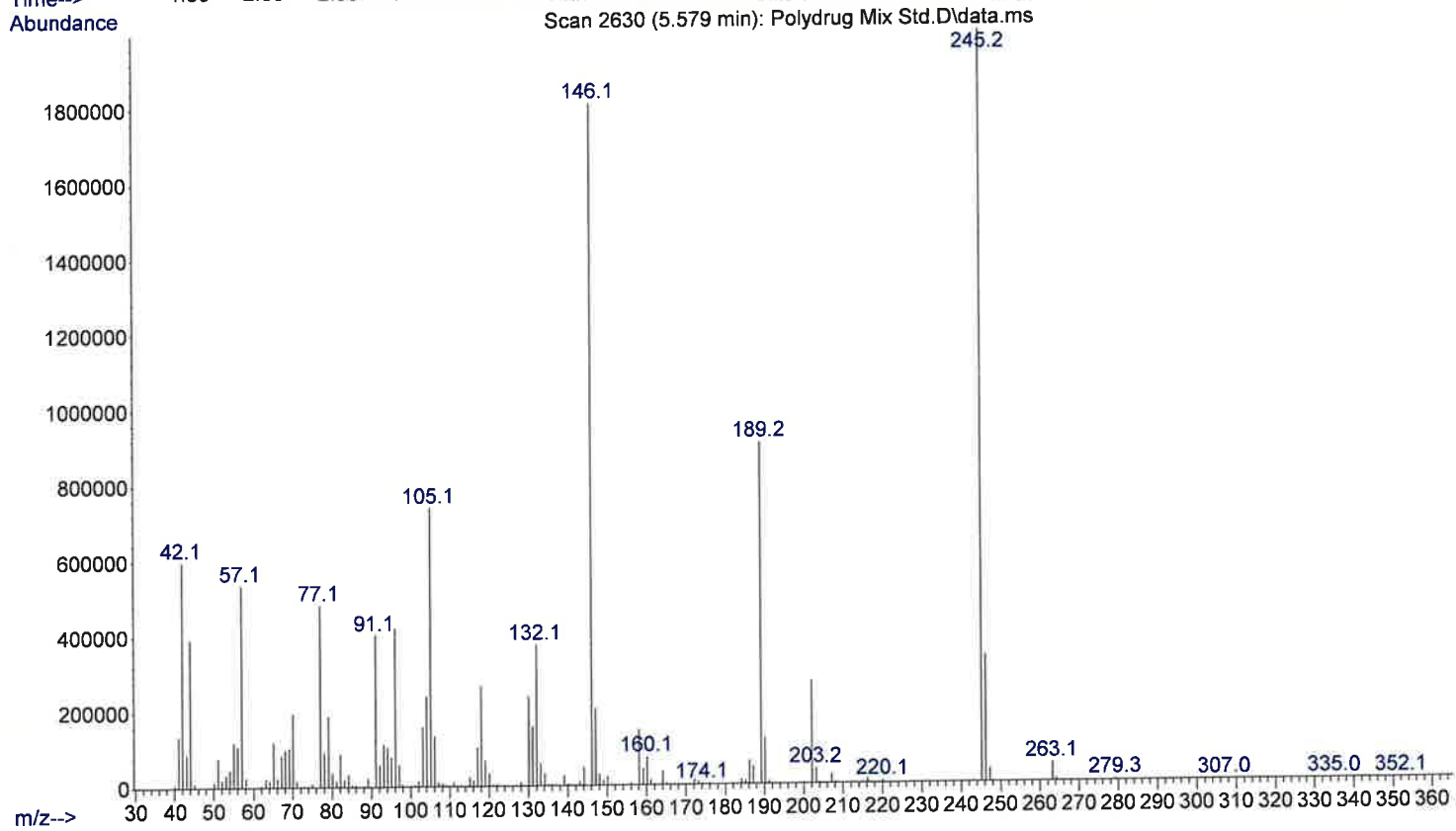
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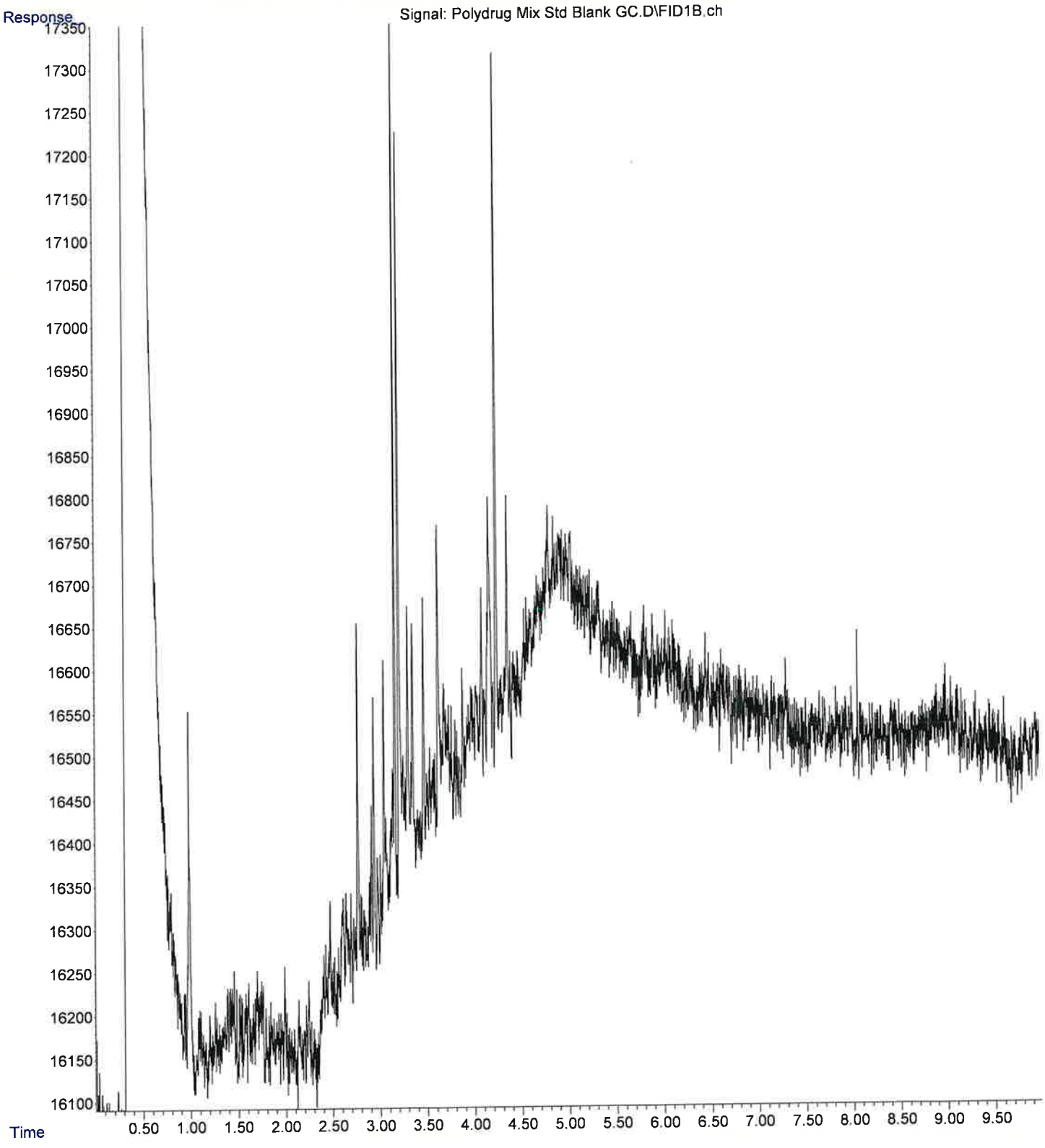


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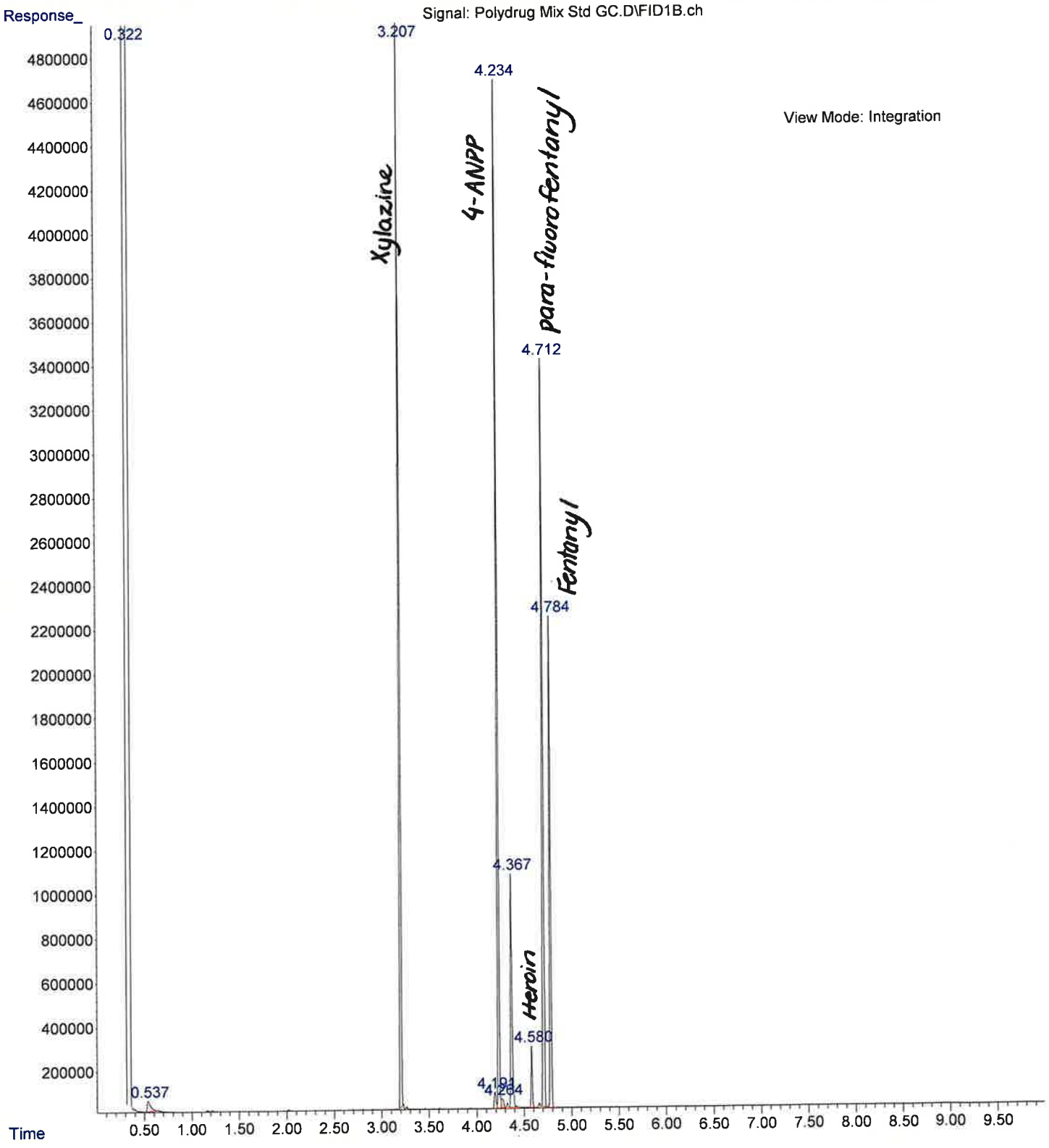




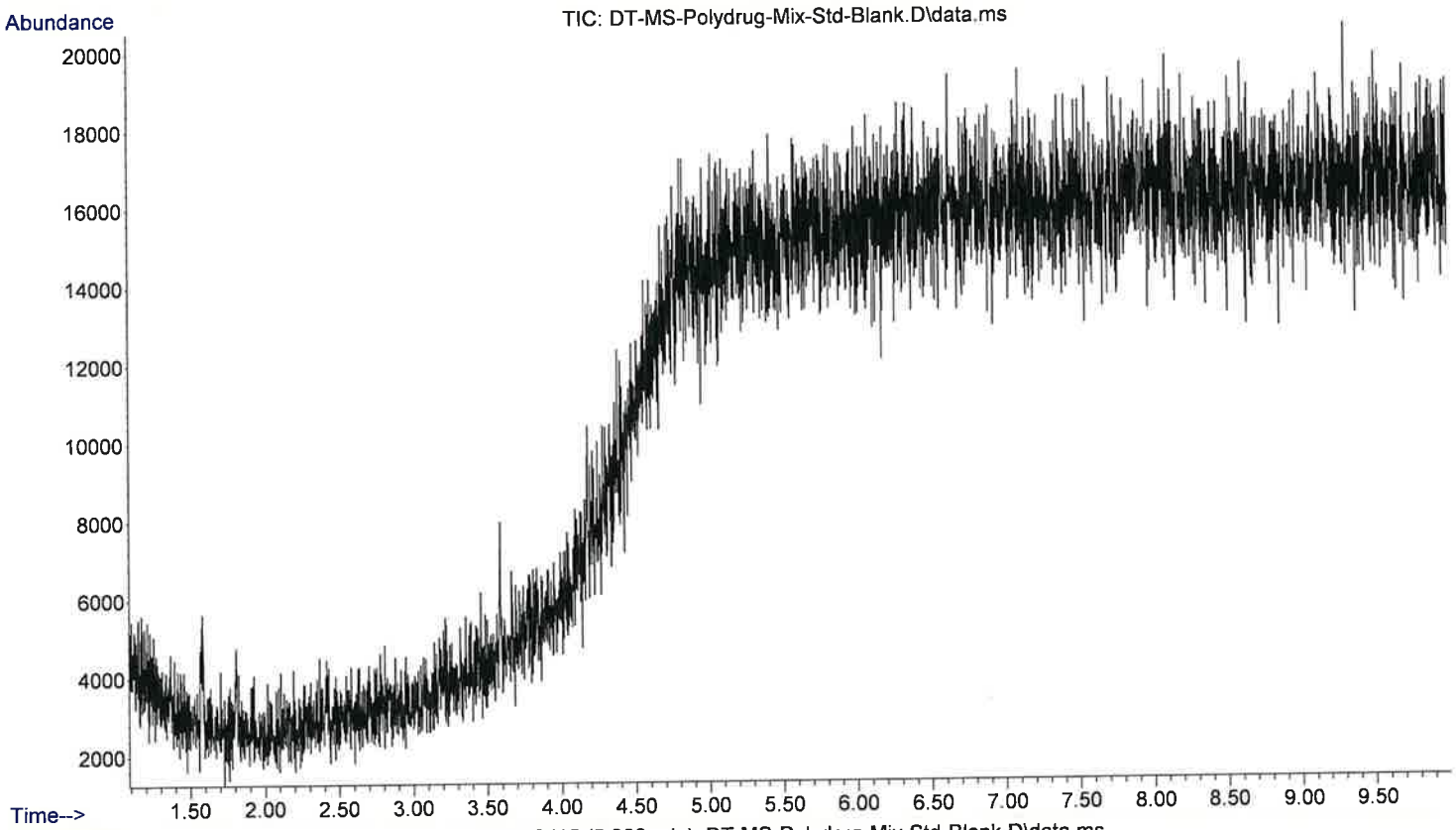
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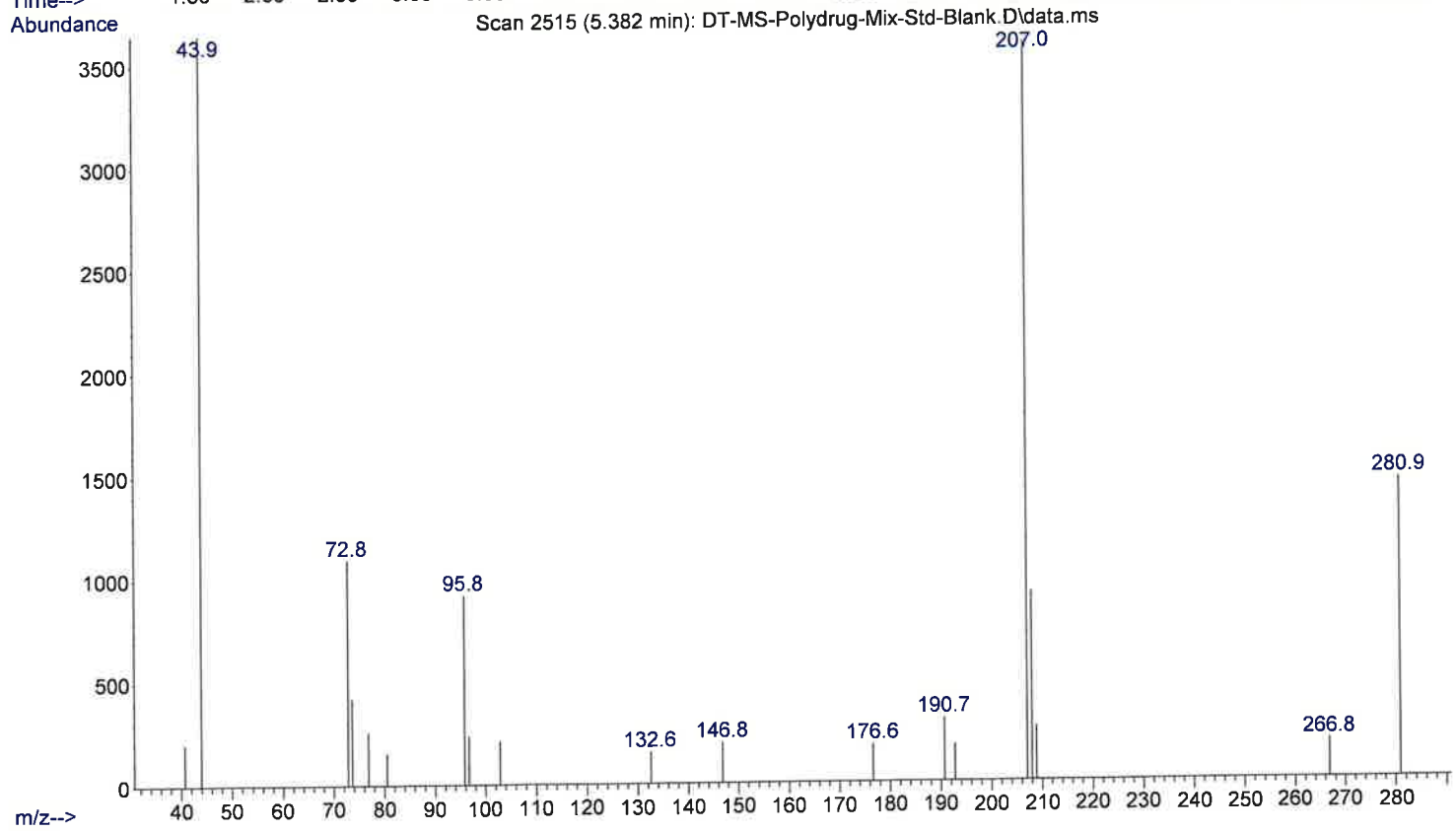


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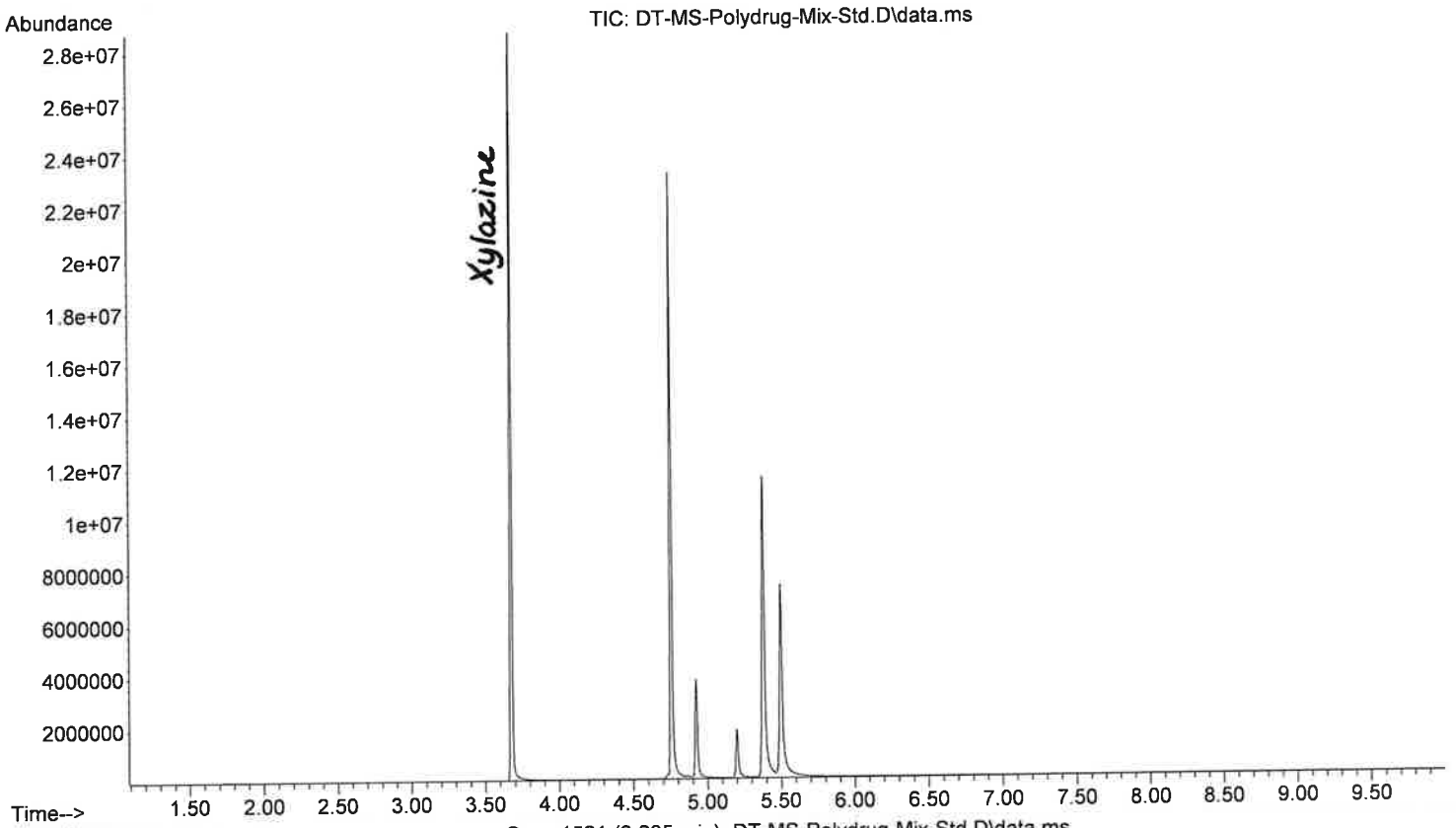
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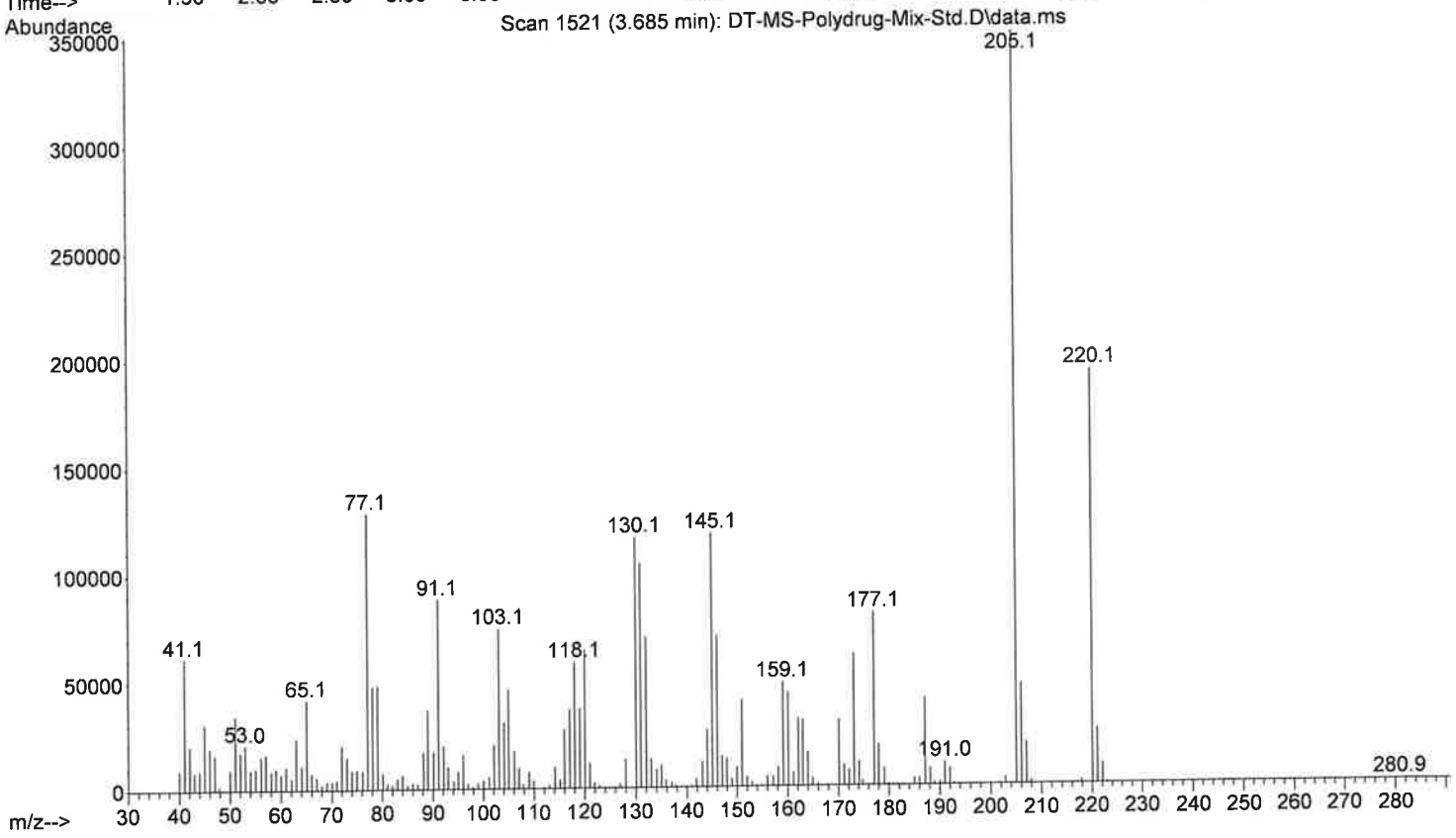




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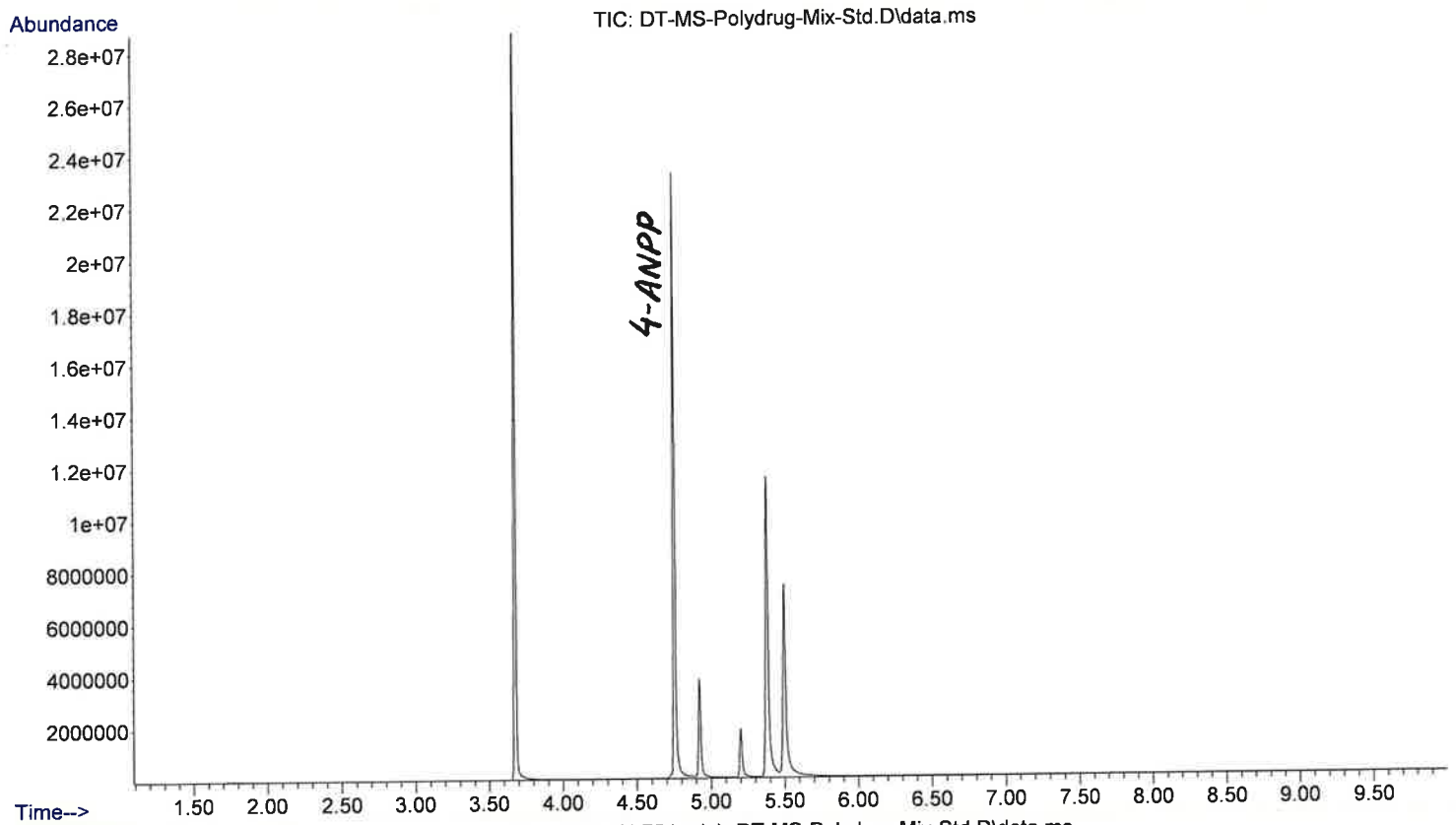
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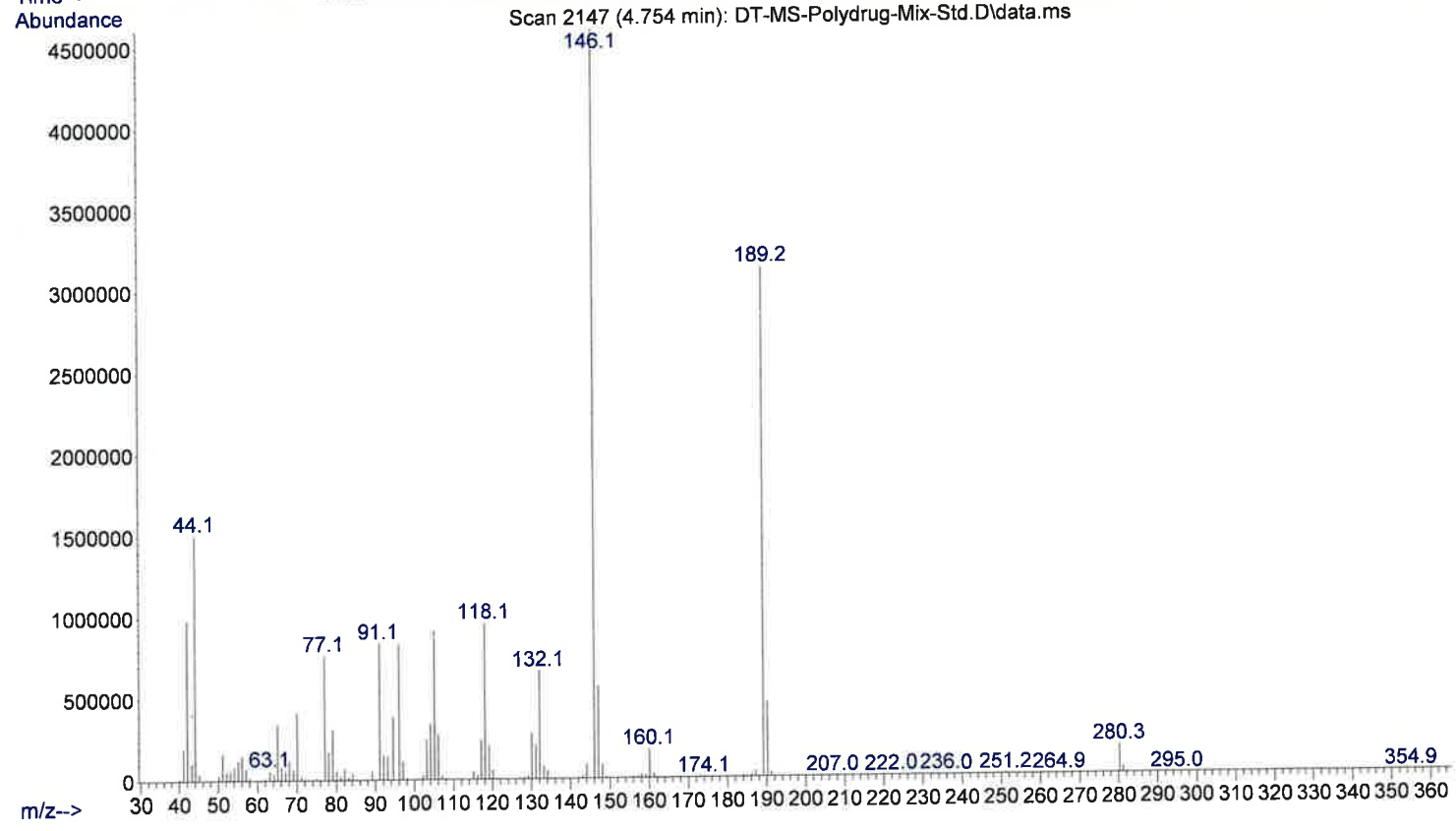




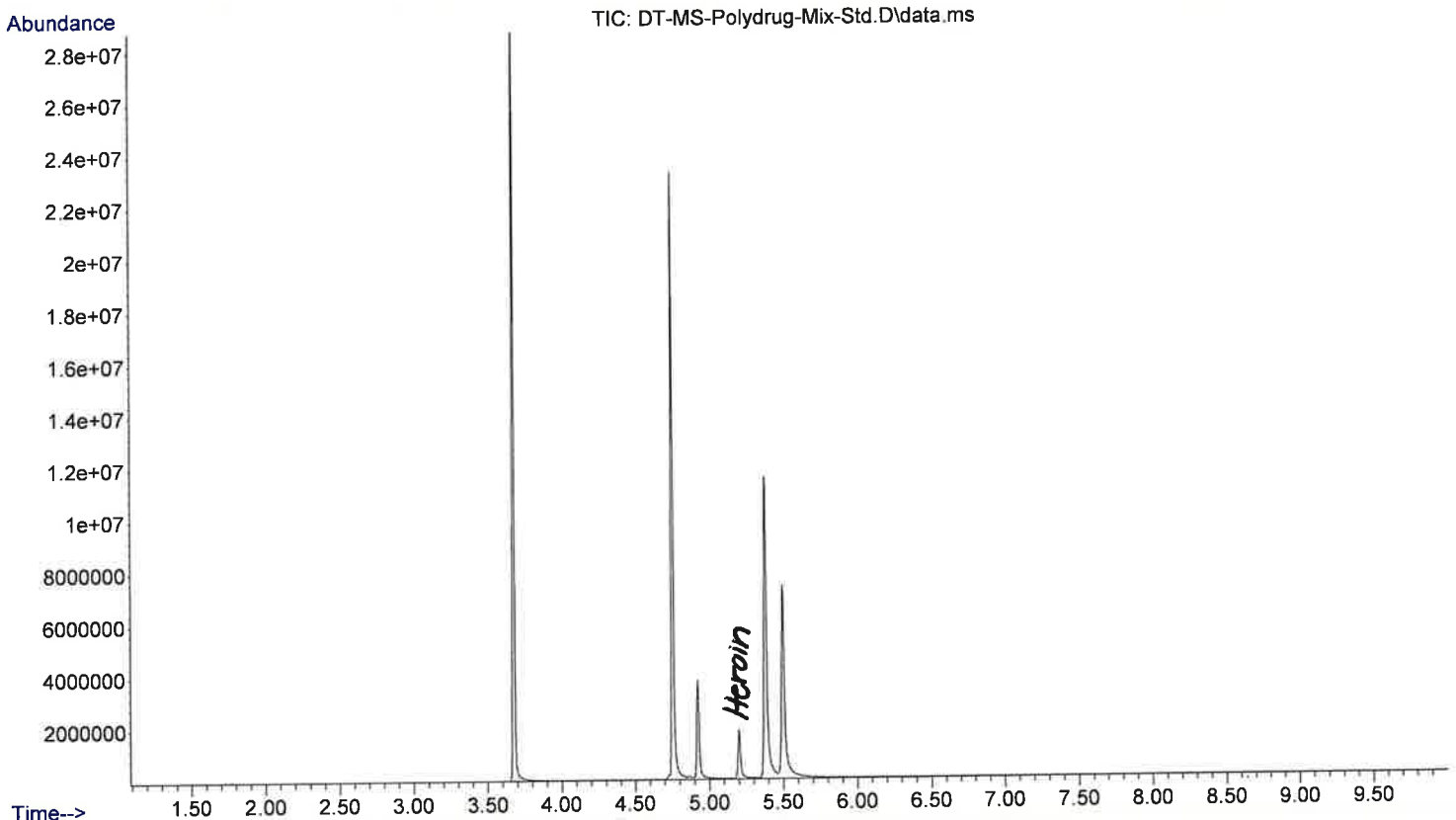
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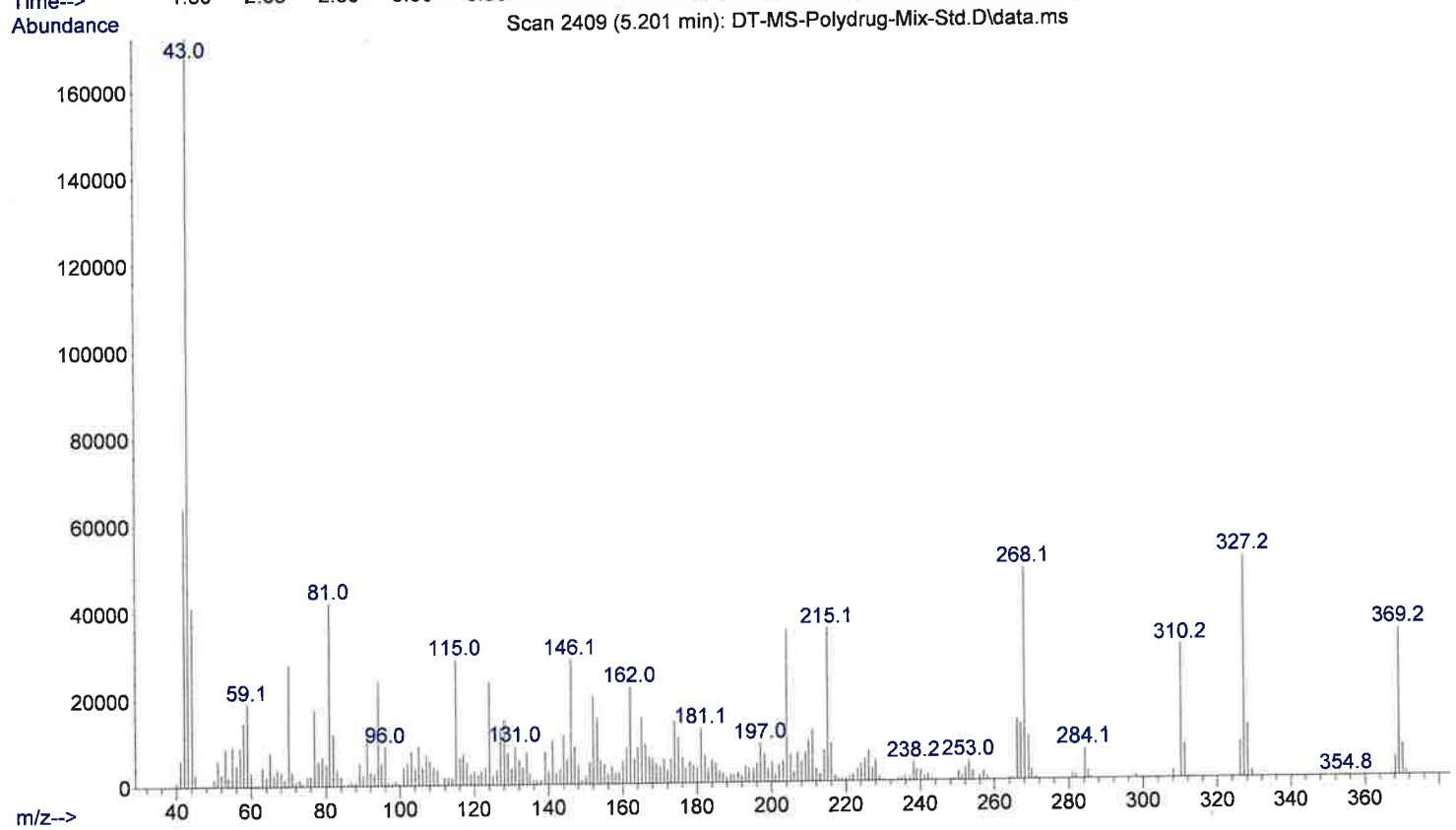
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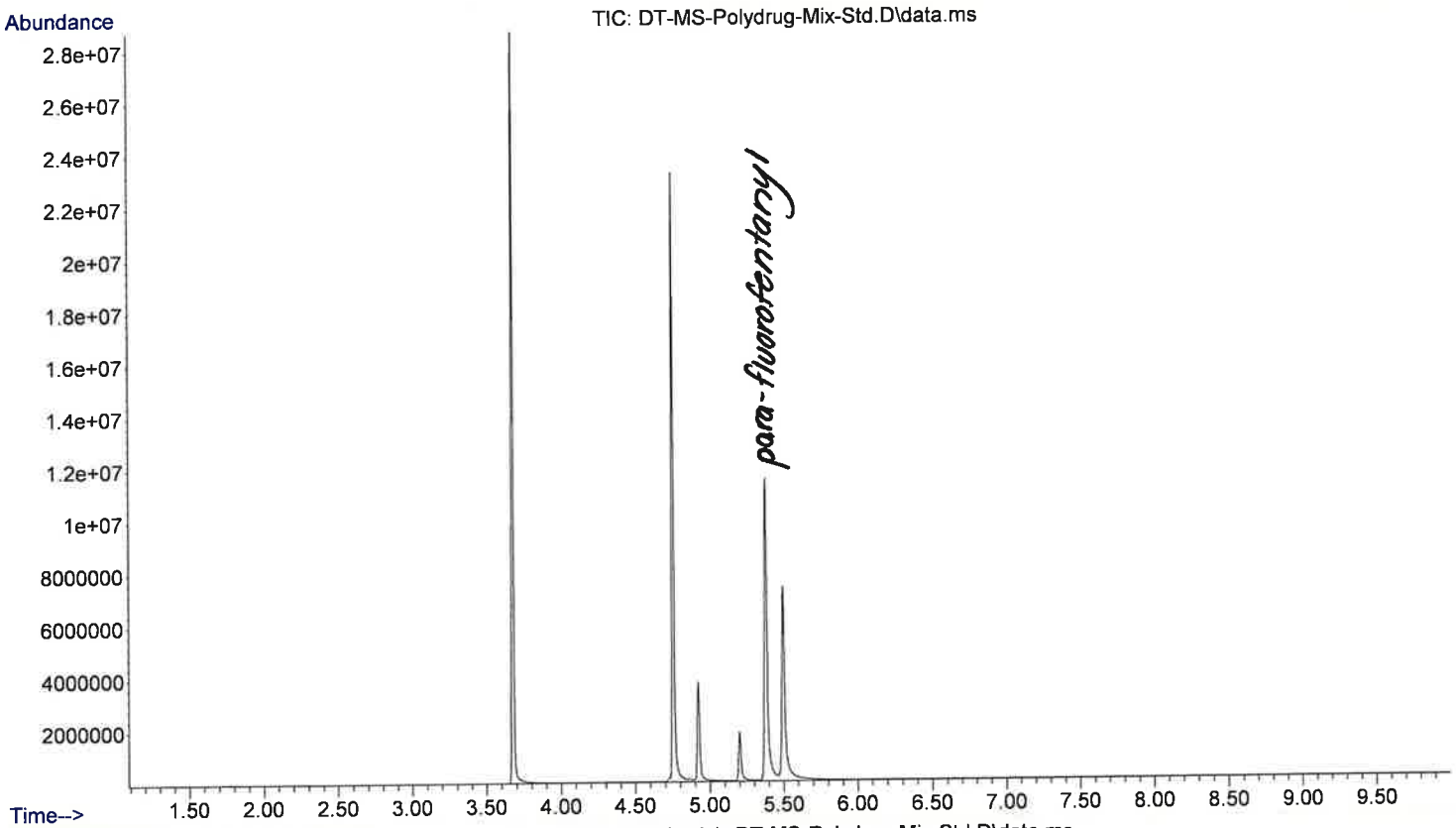


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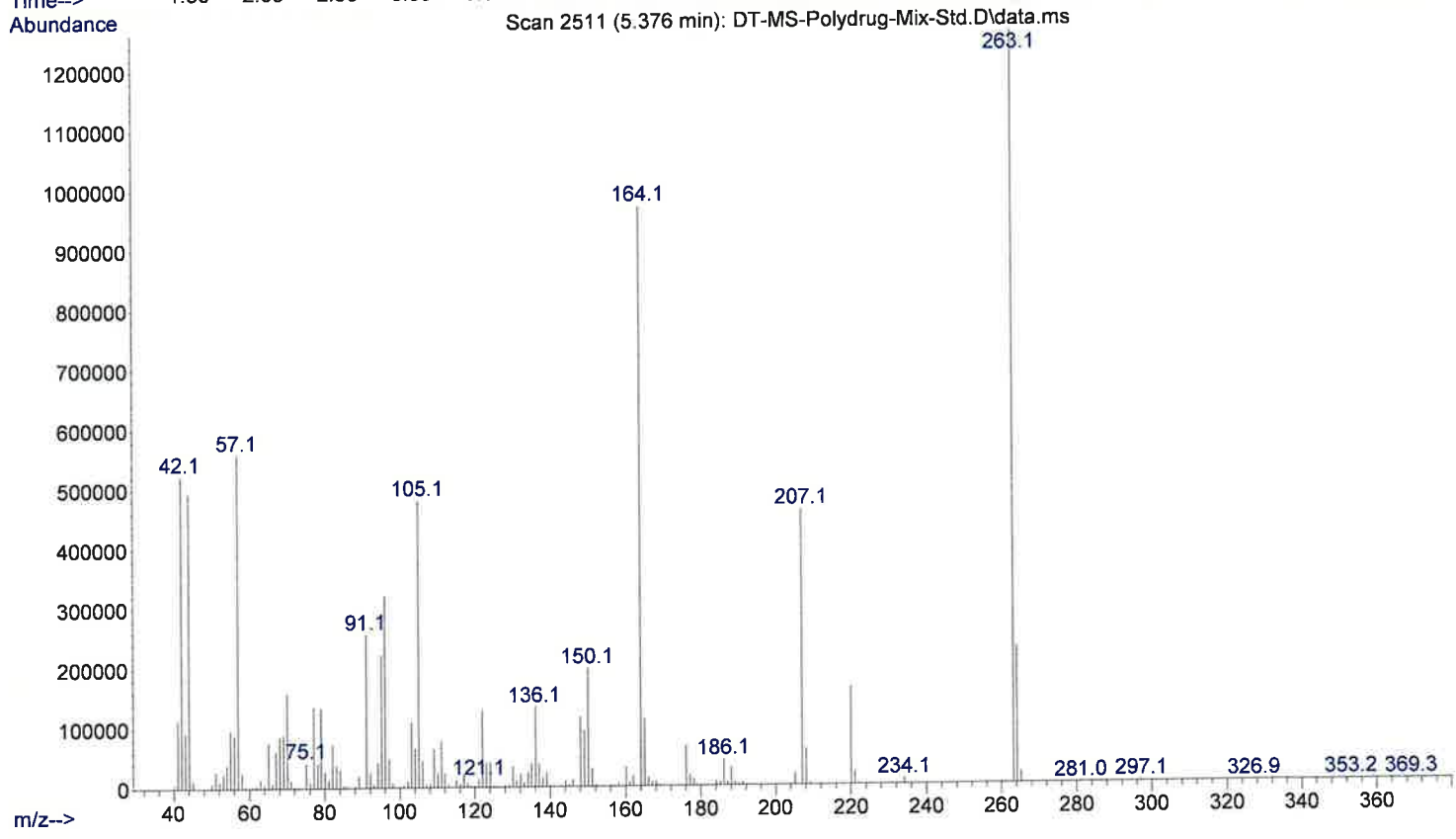




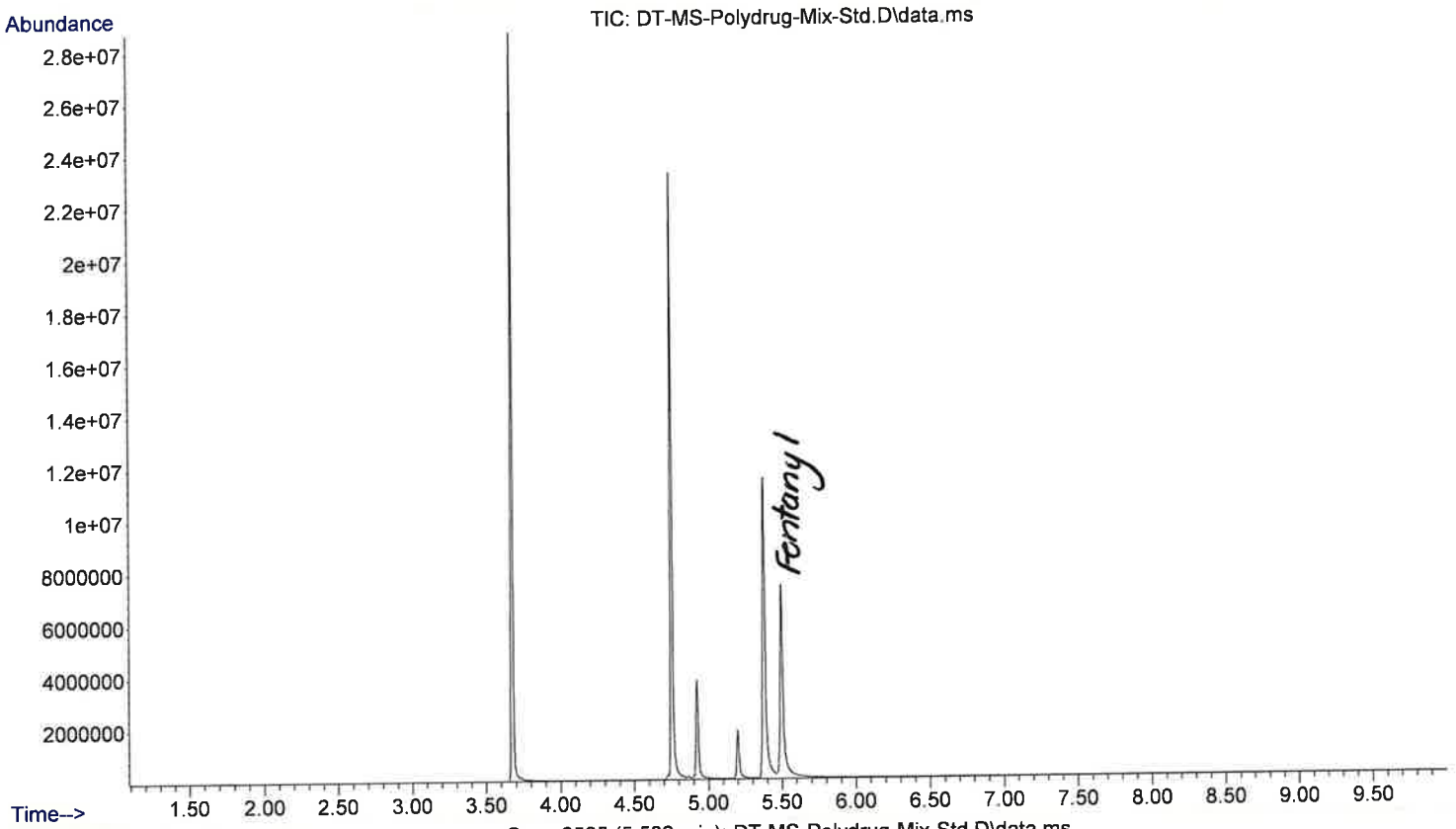
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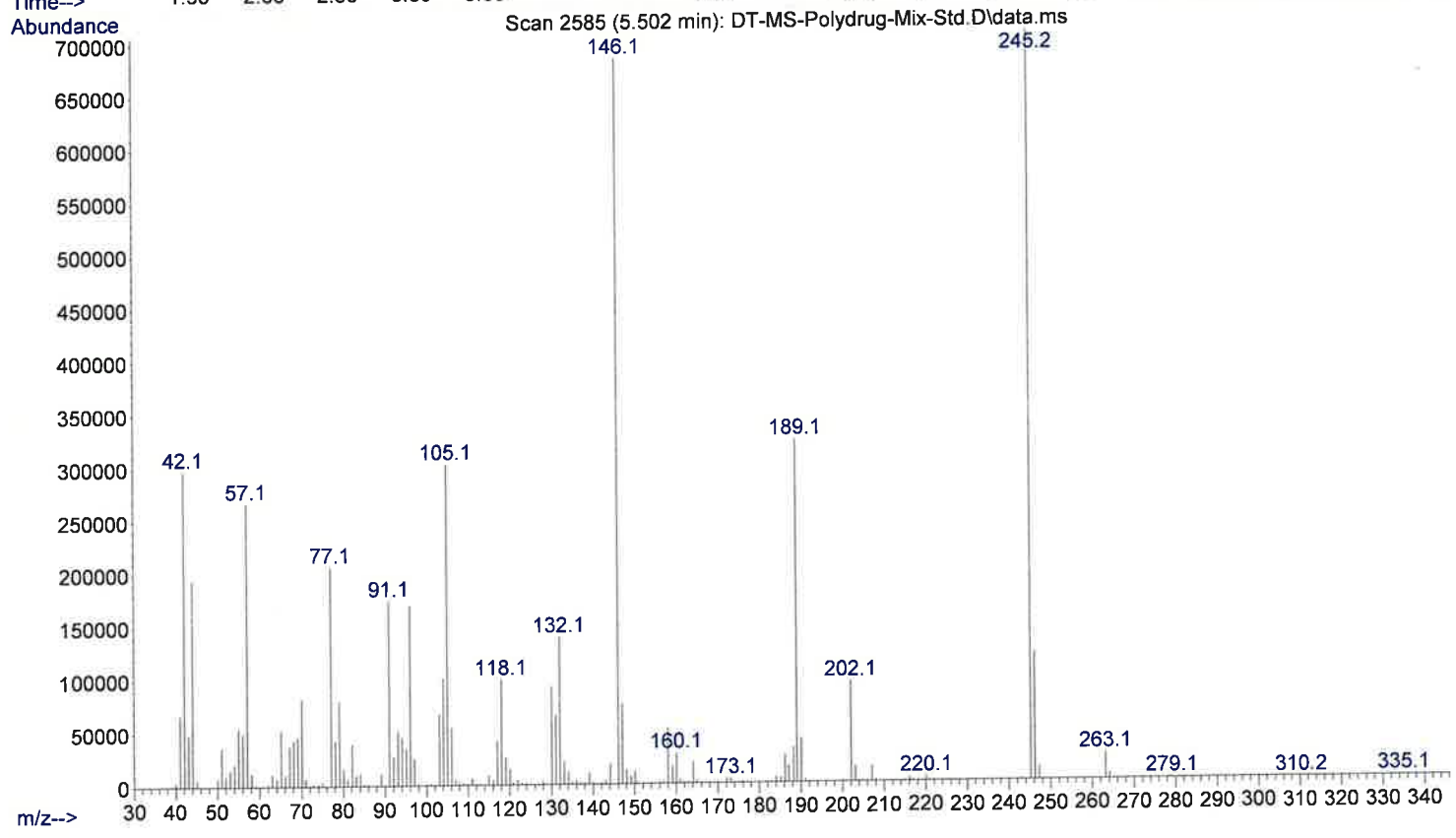


para-fluorofentanyl

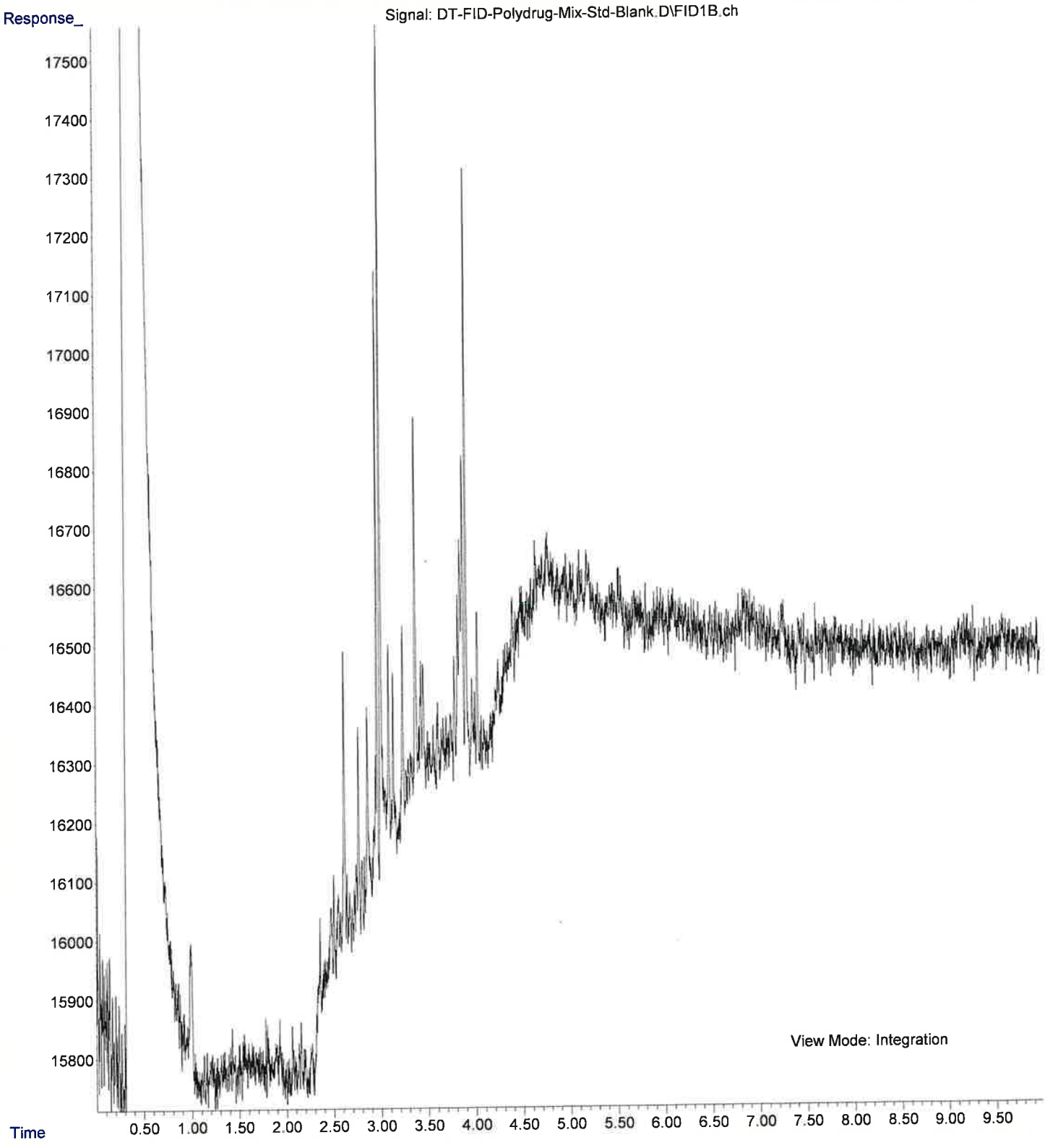


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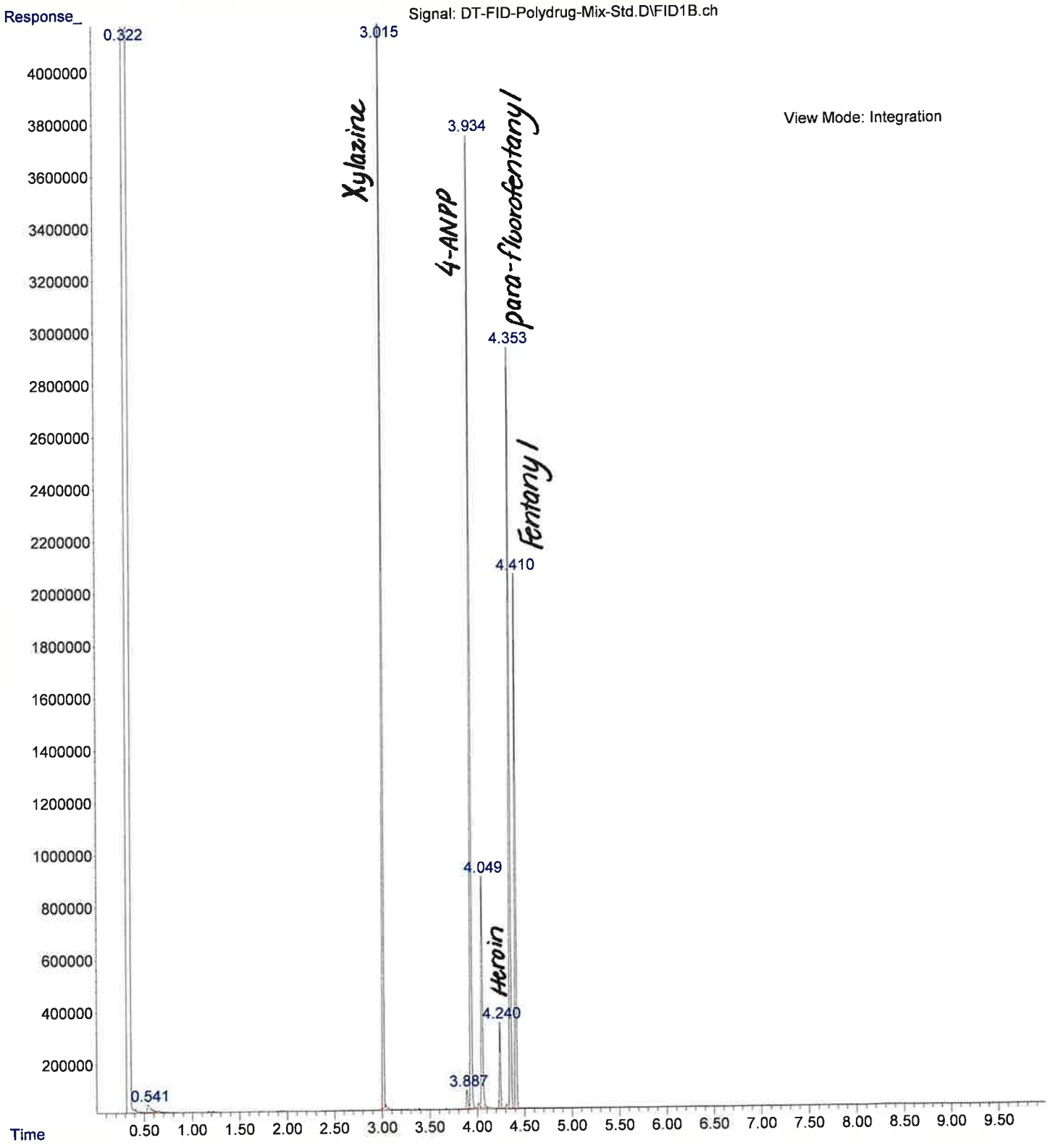




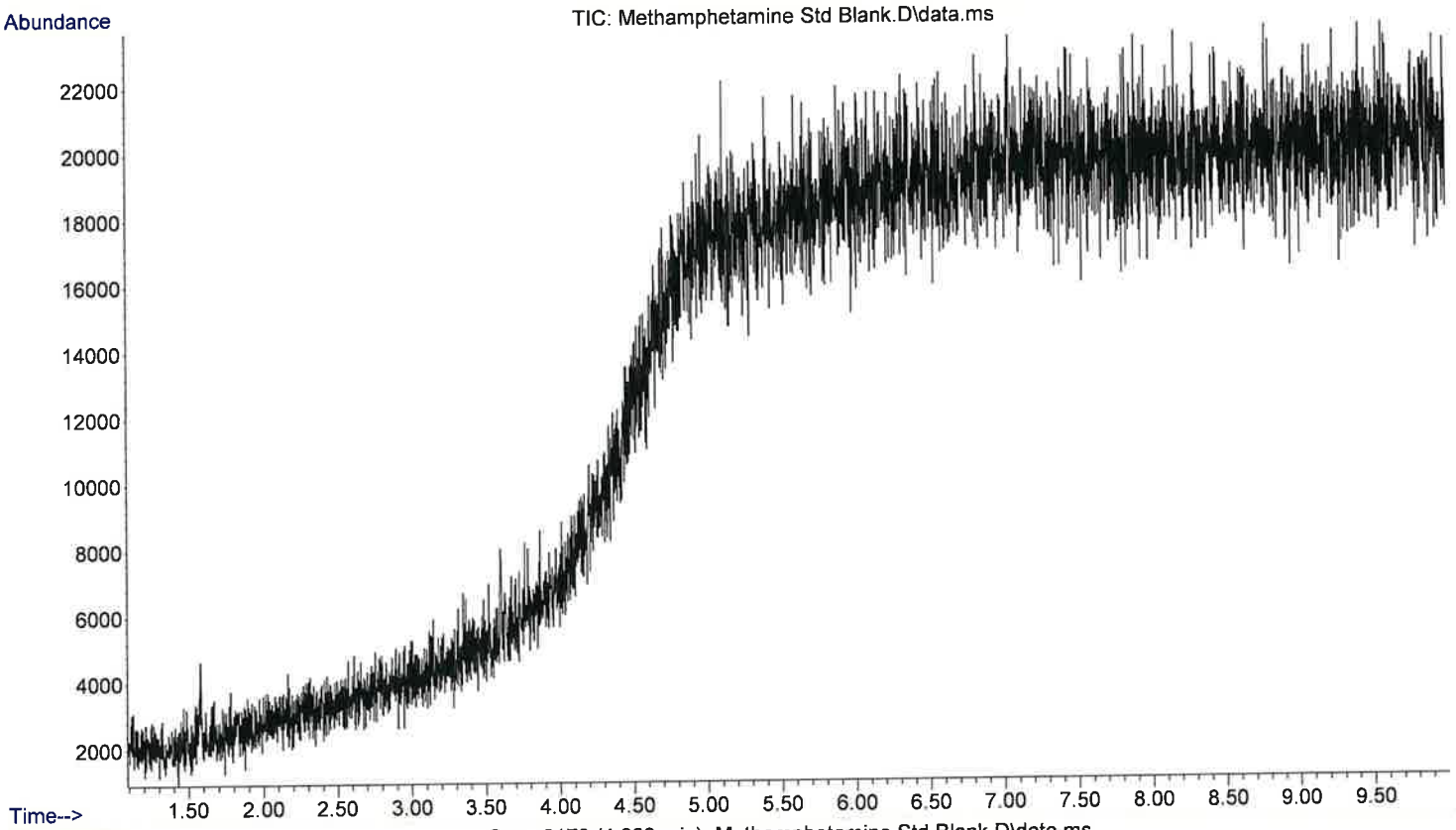
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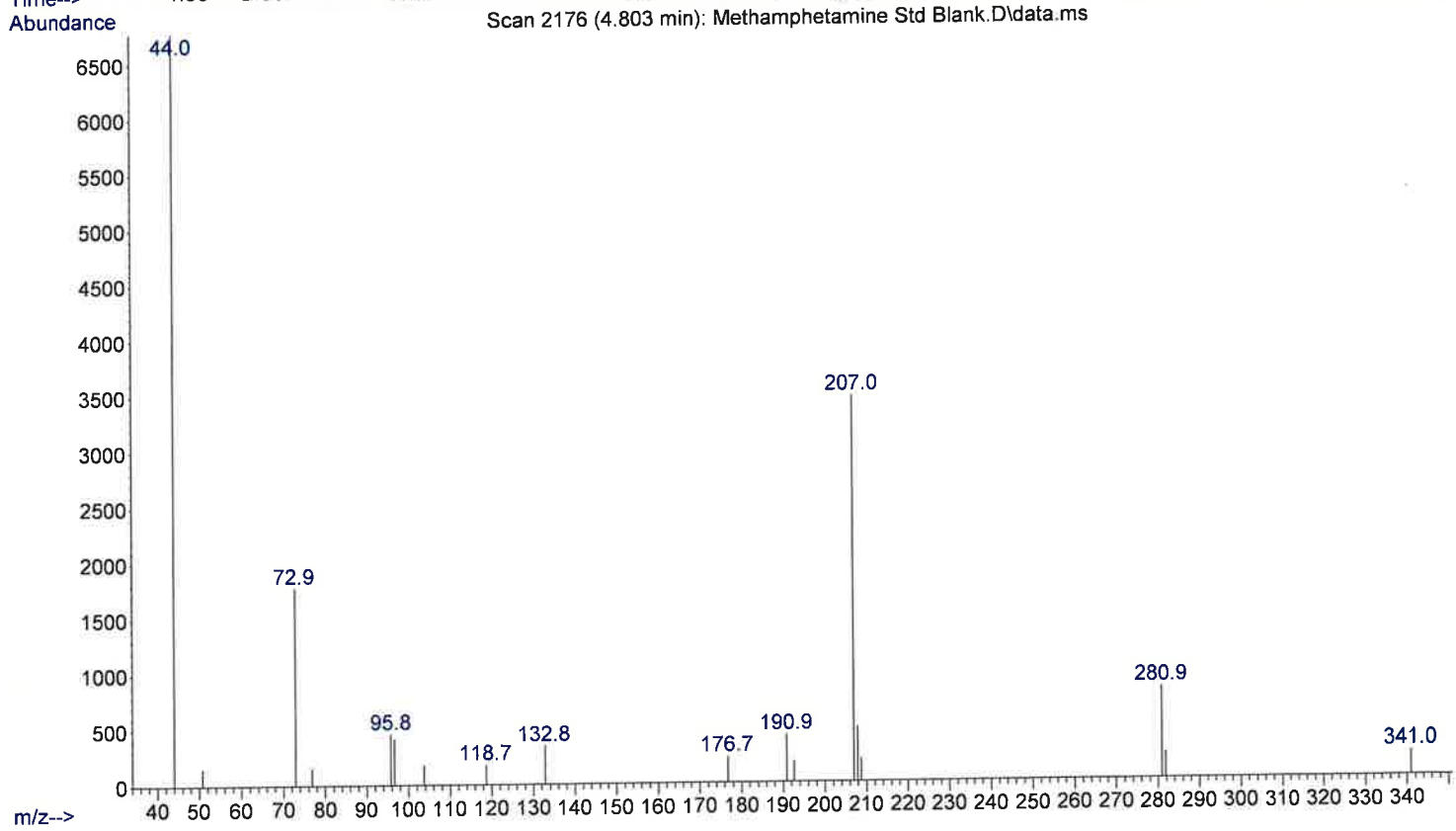


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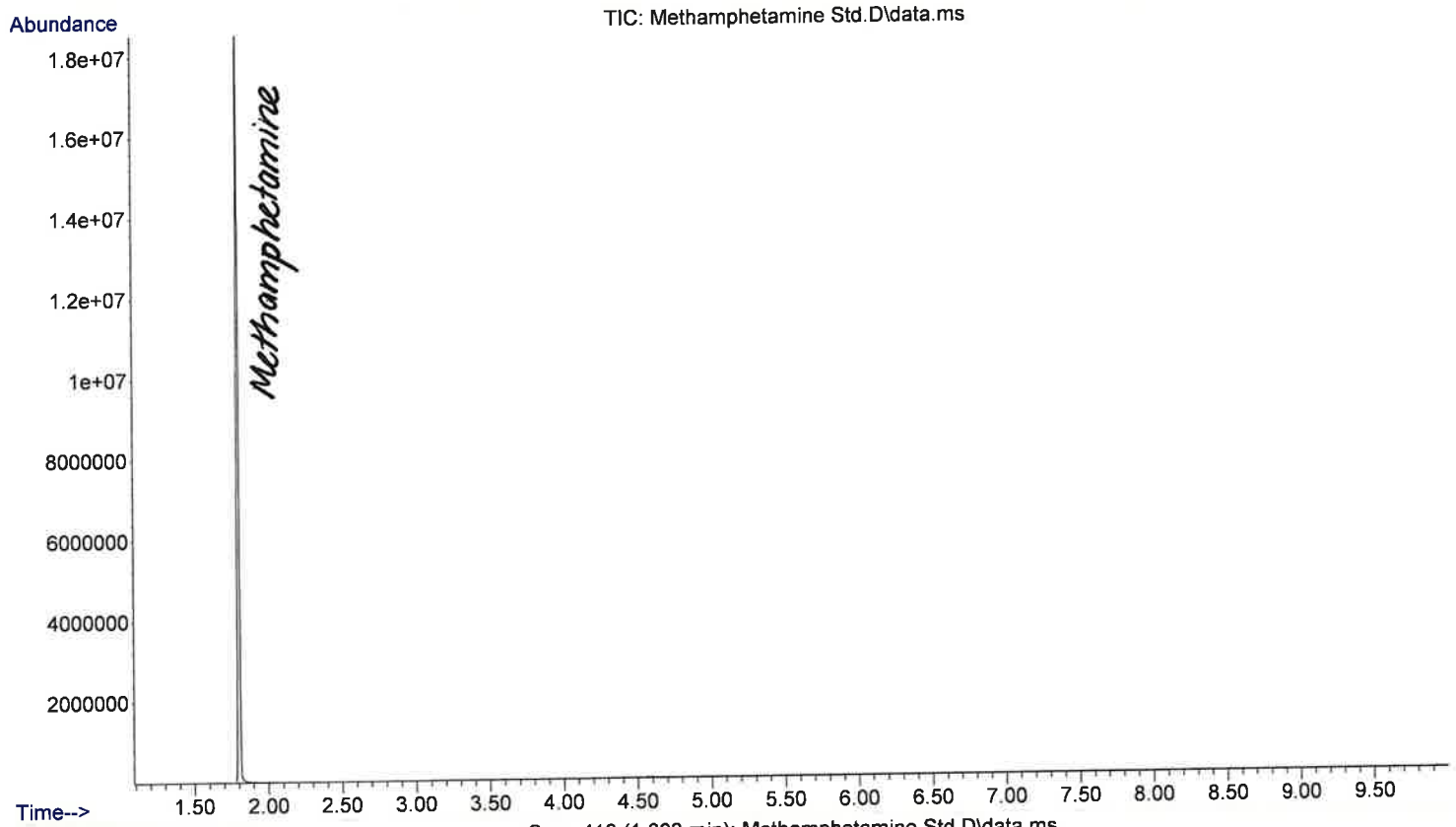


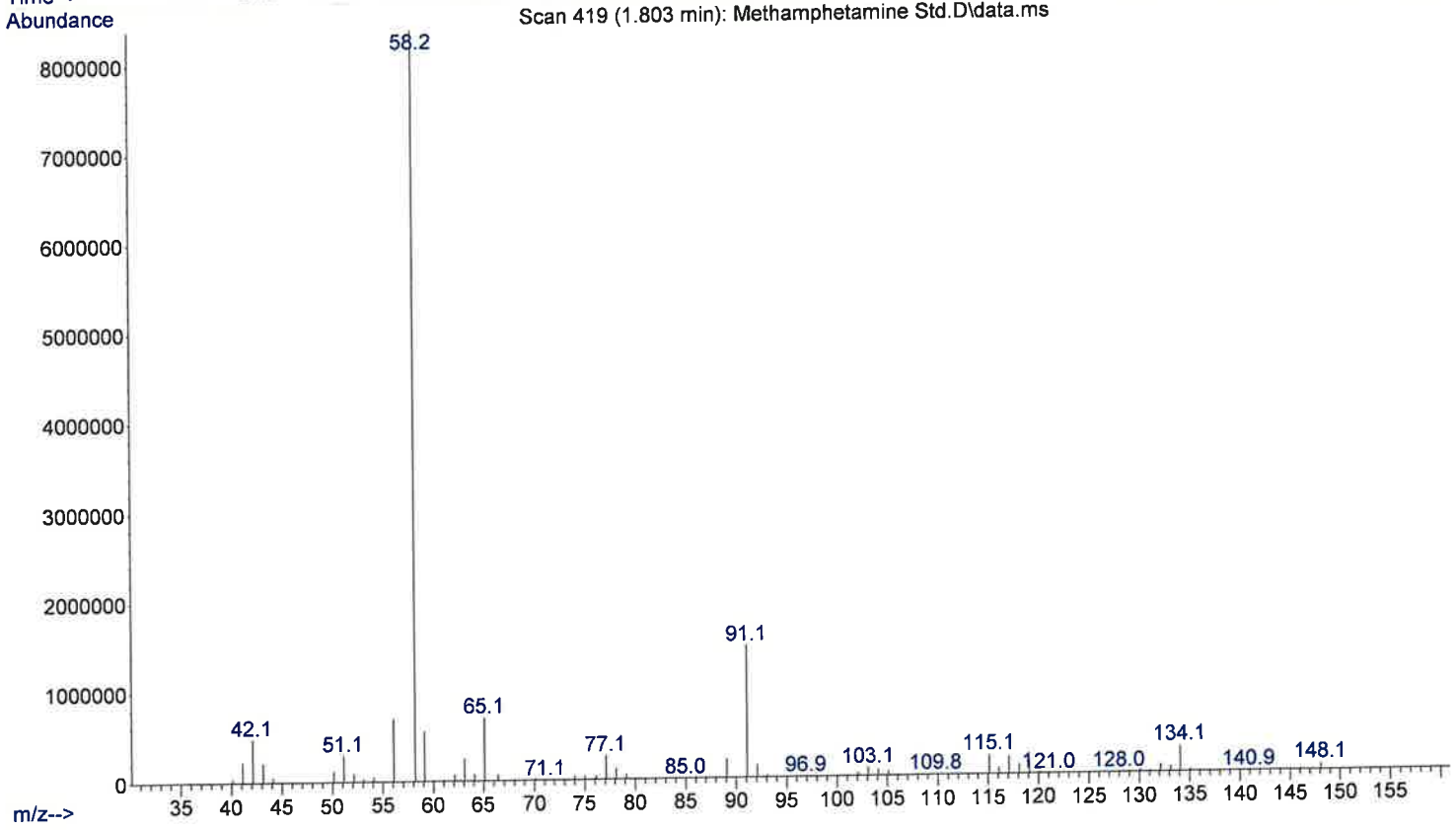
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Sample Name: Methamphetamine Std Blank
Misc Info : Meoh



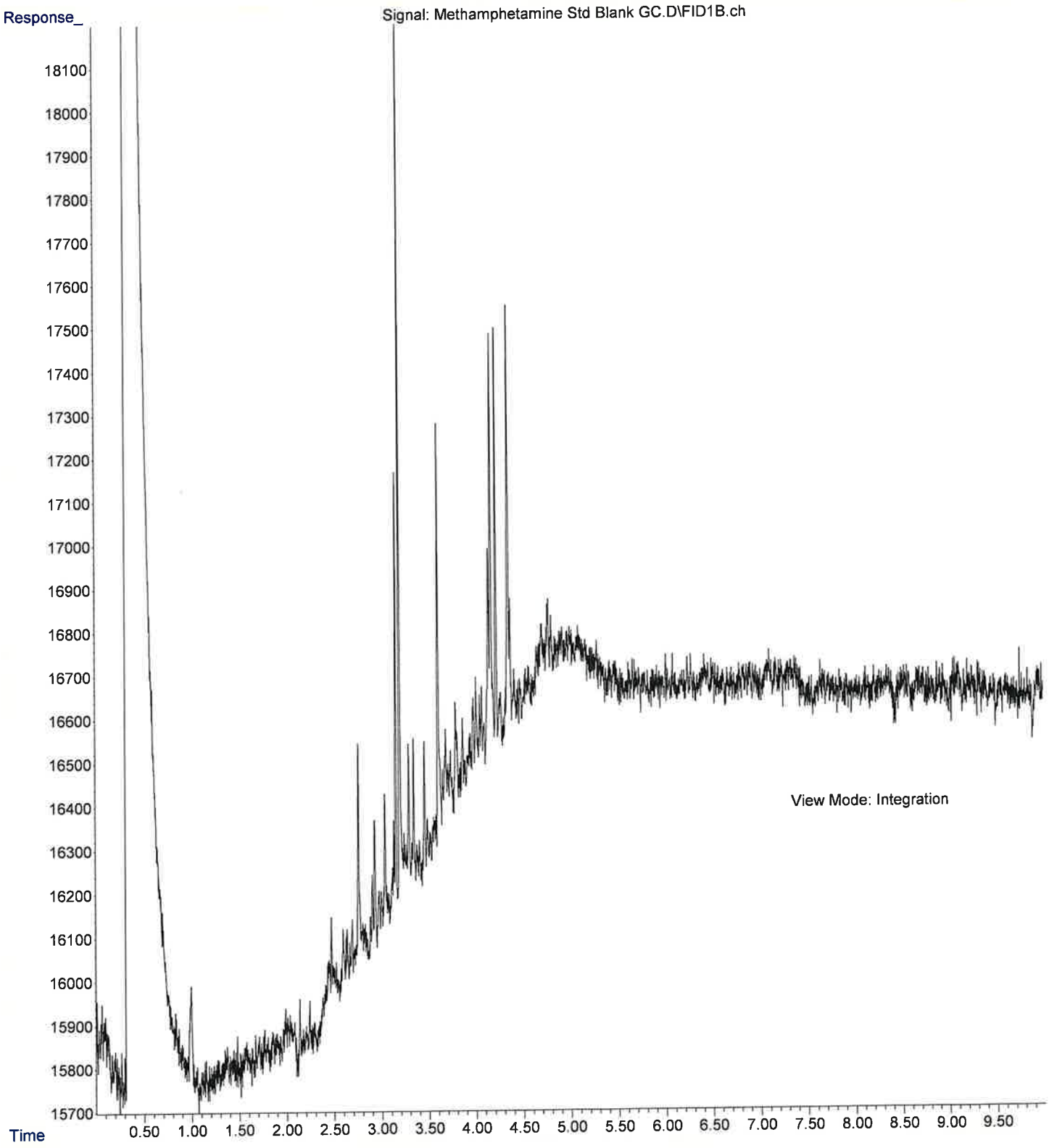


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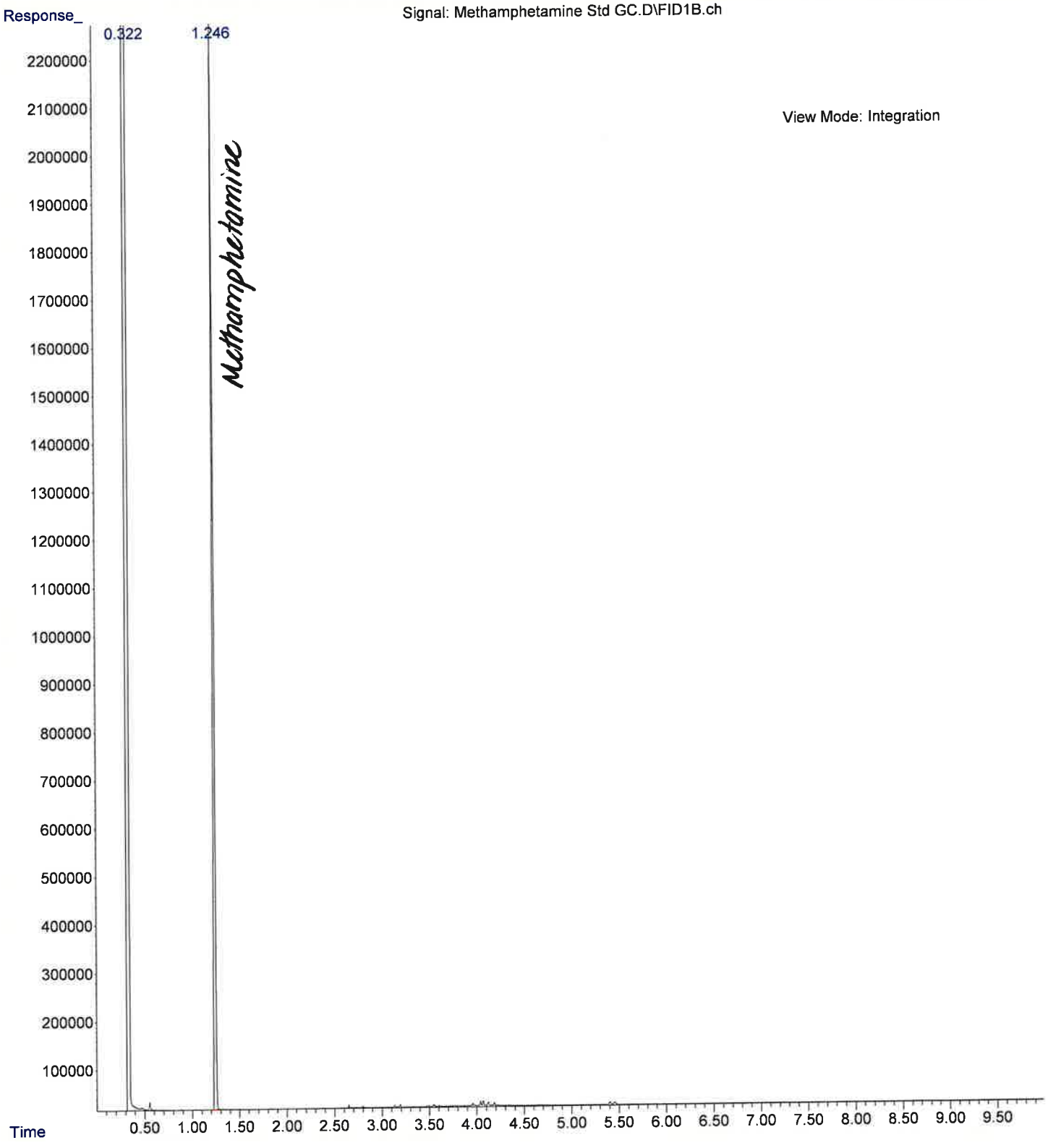


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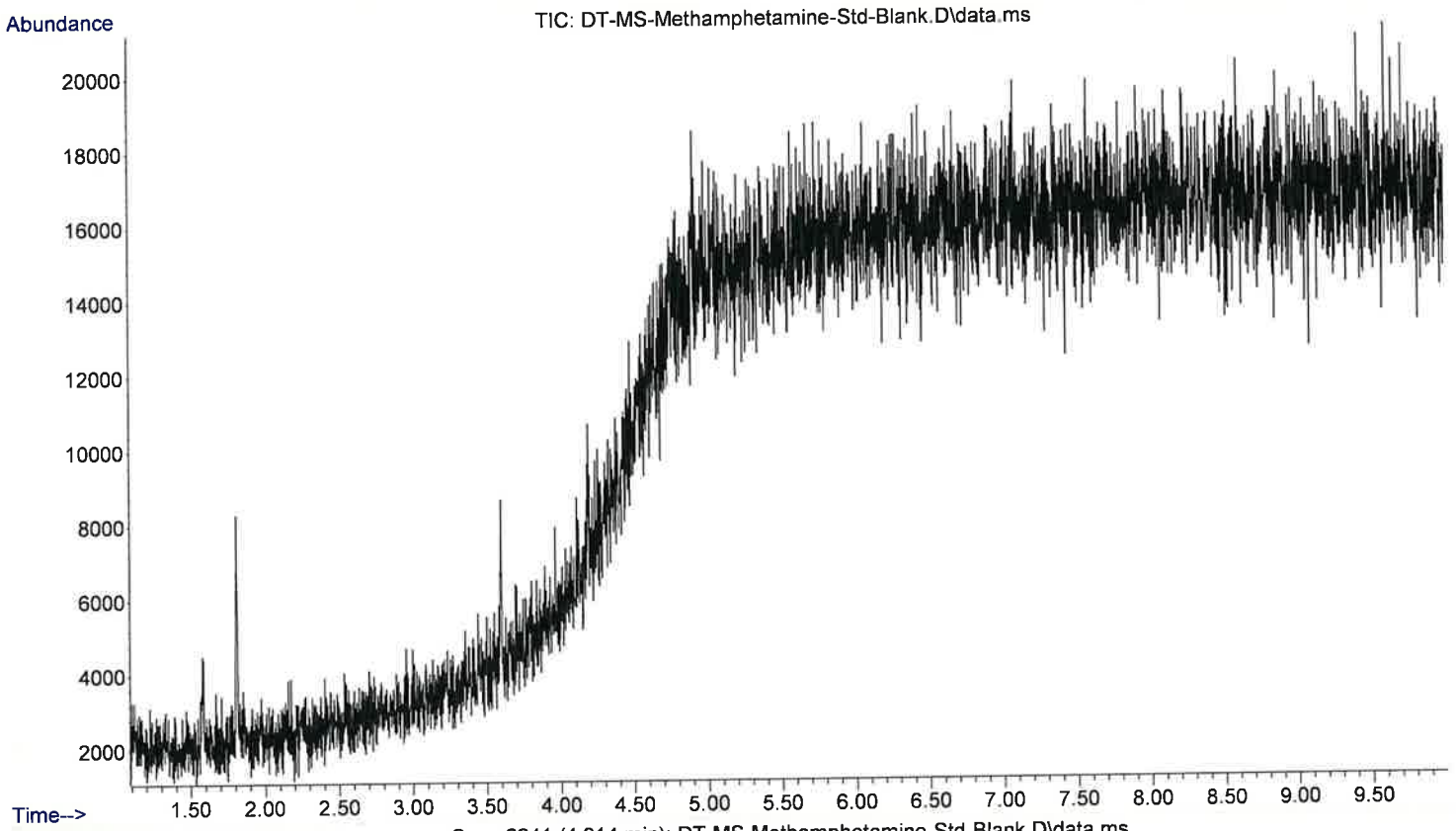
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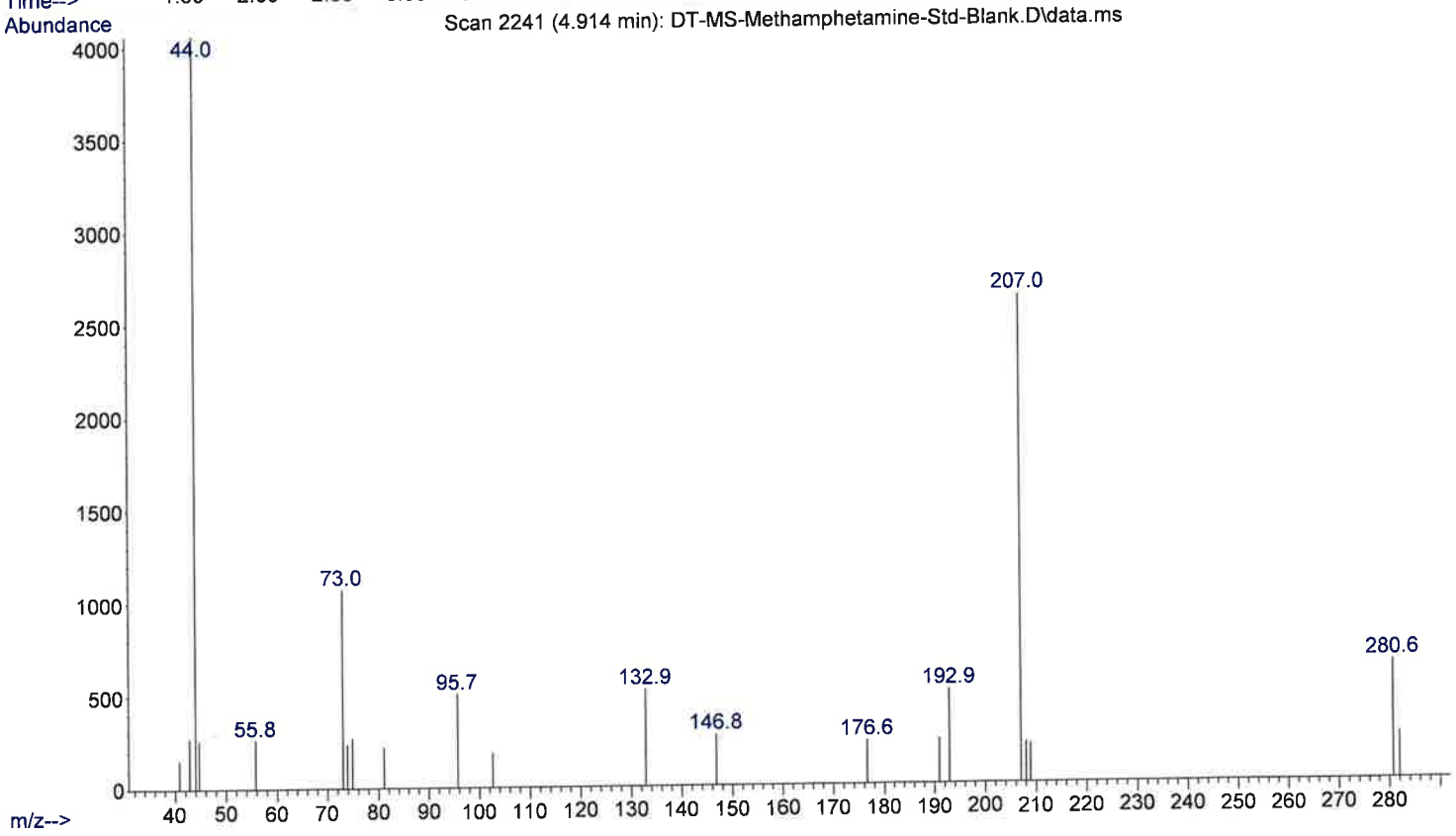
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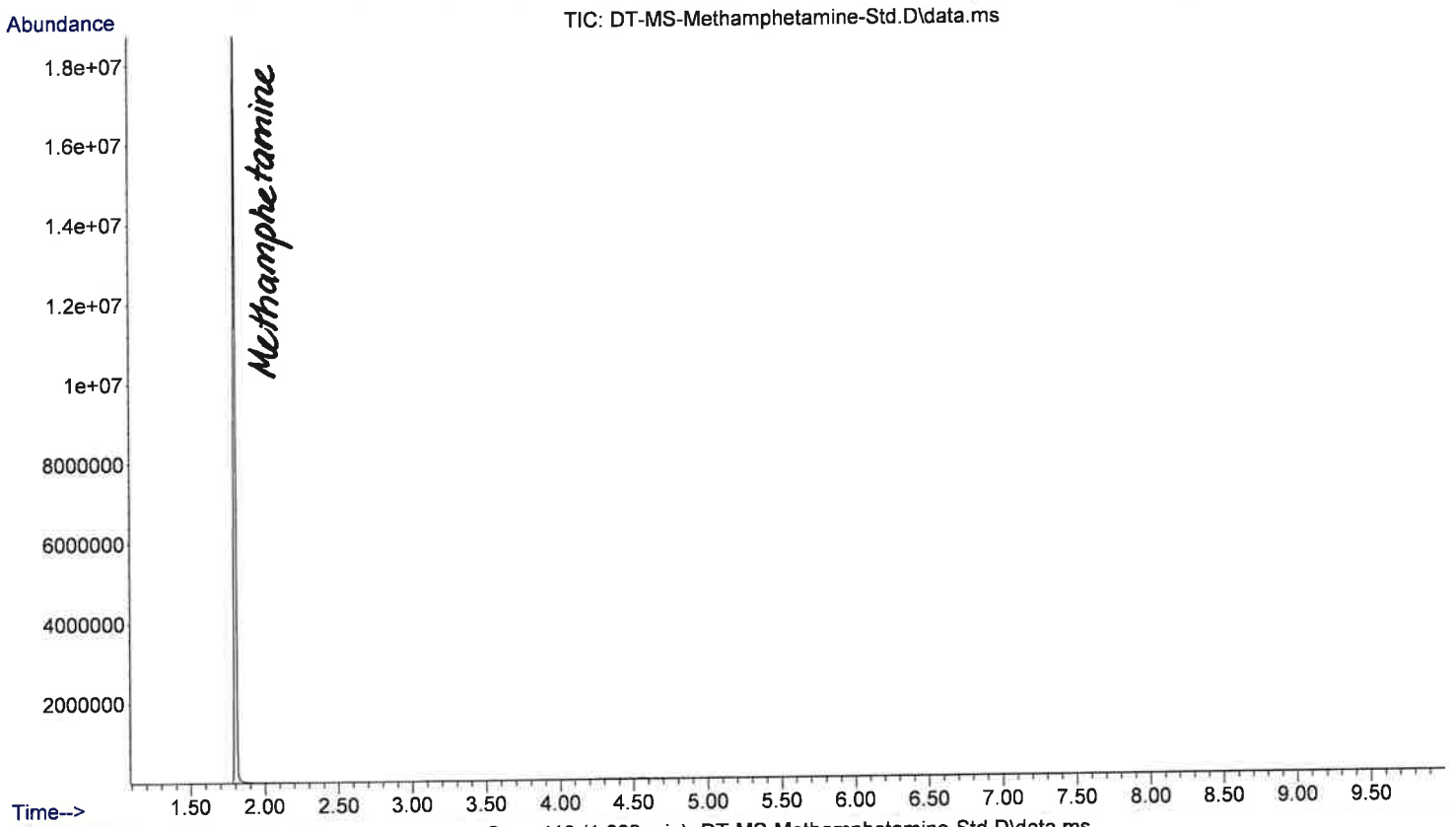
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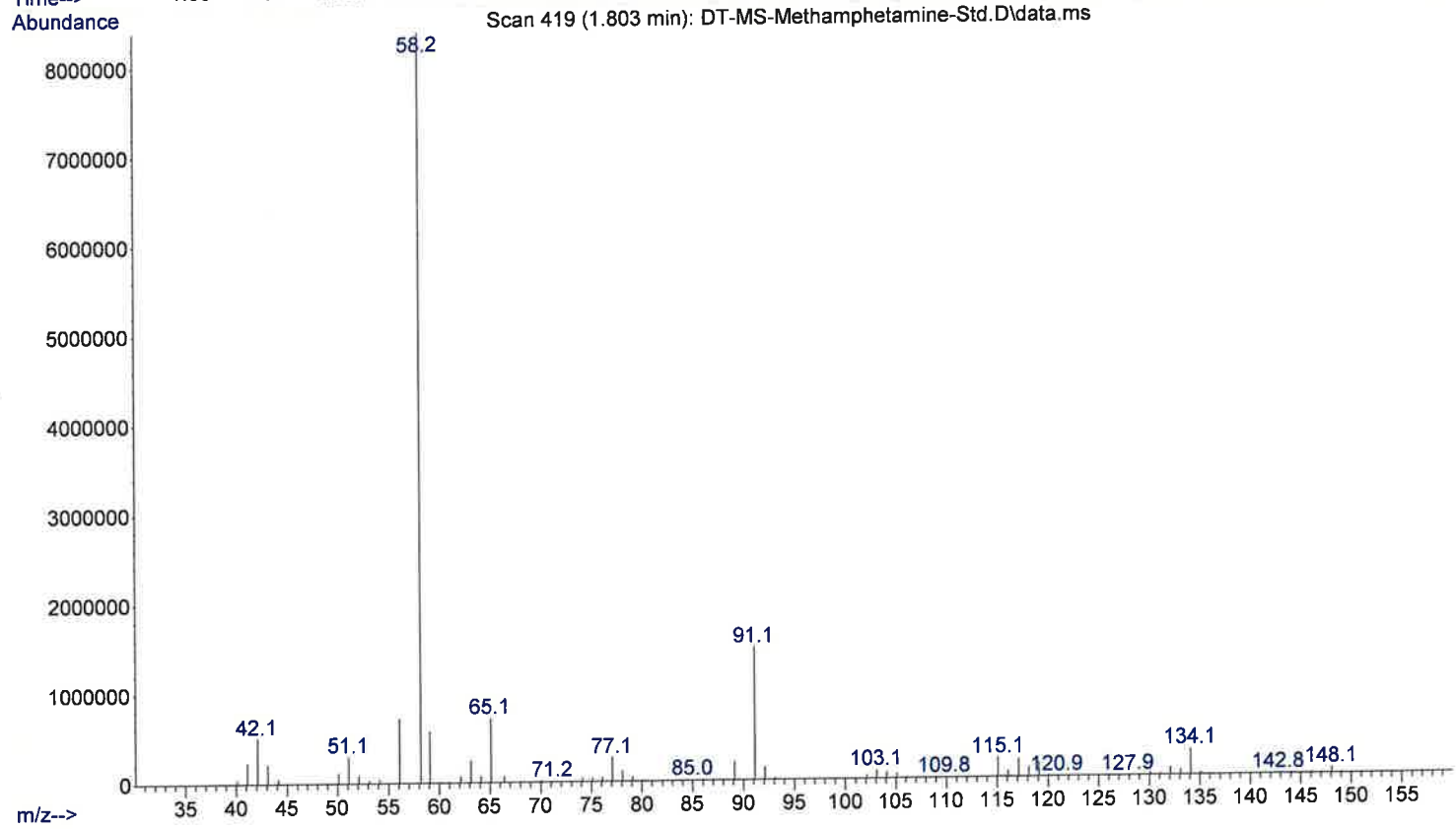
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Sample Name: Methamphetamine Std Blank
Misc Info : Meoh



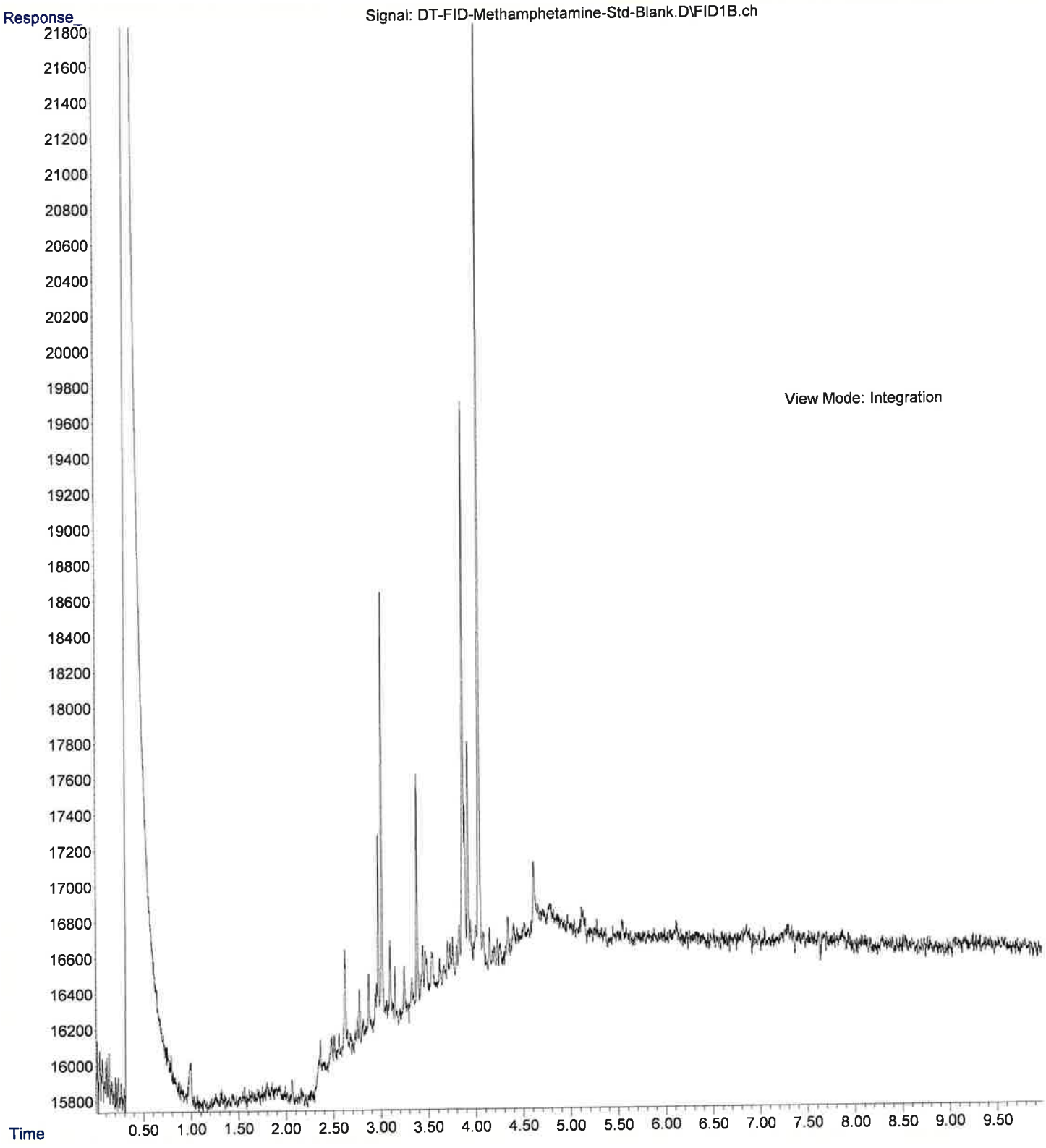


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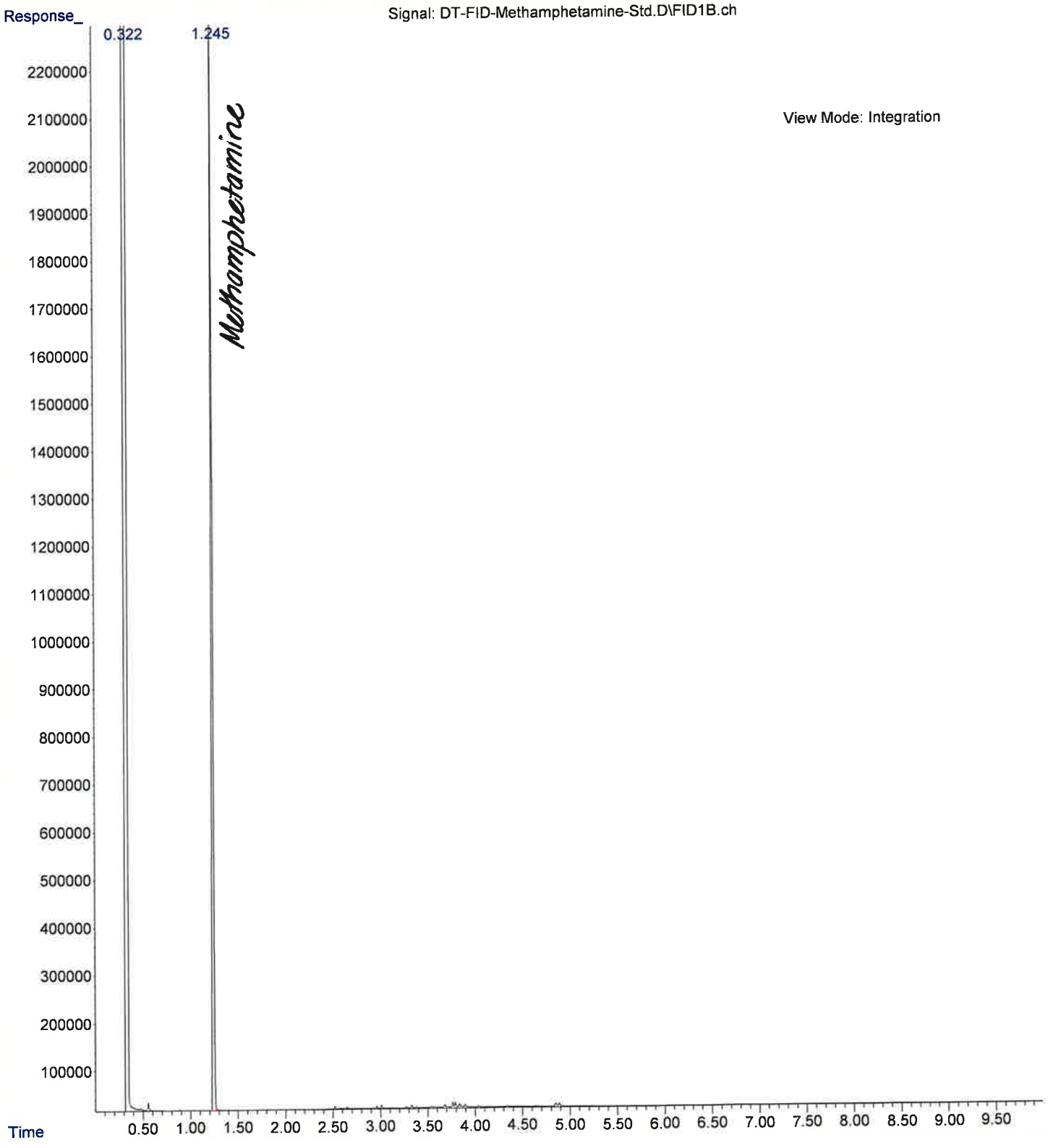




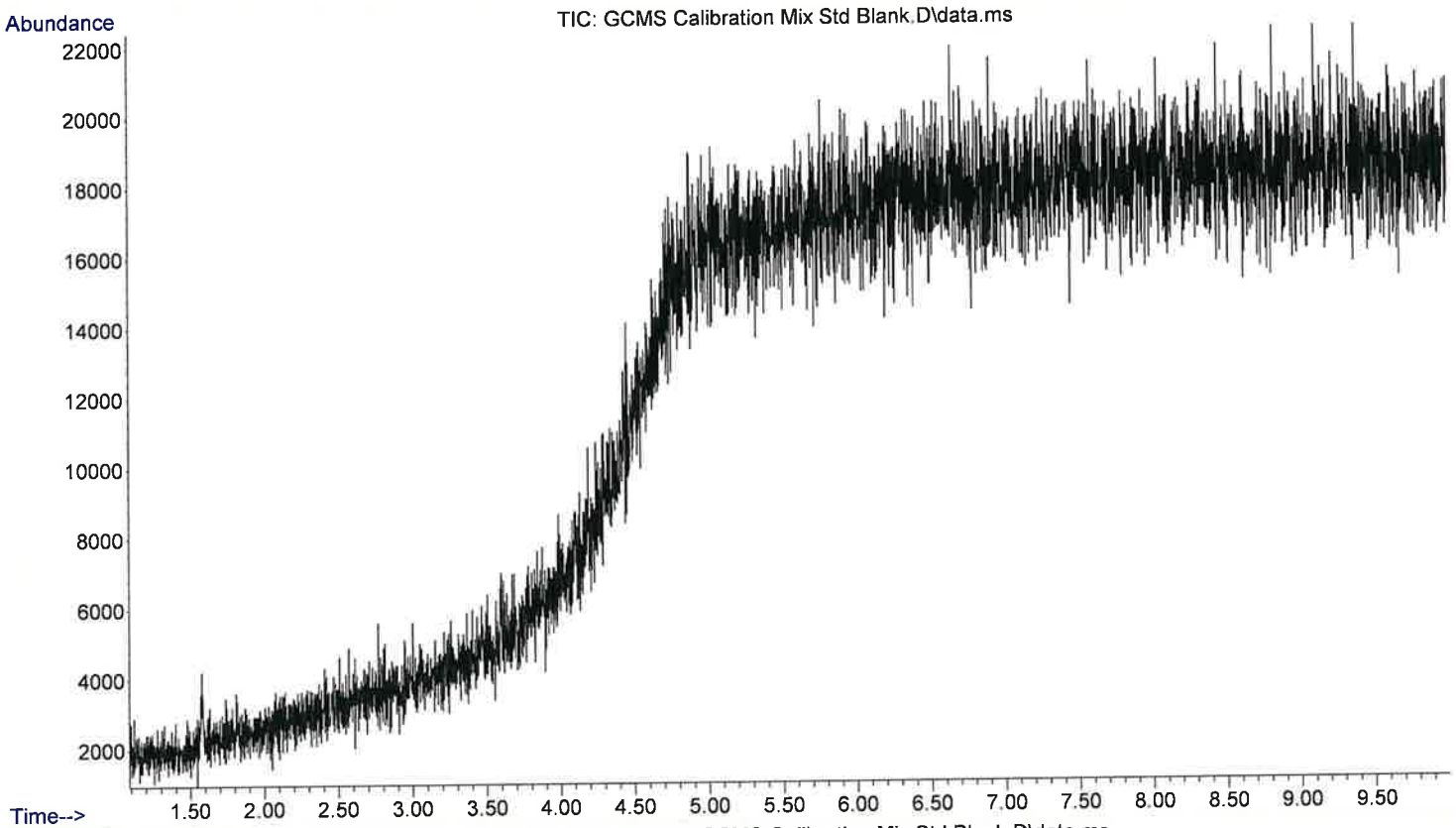
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Instrument : Quincy
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Sample Name: Methamphetamine Std Blank
Misc Info : Meoh

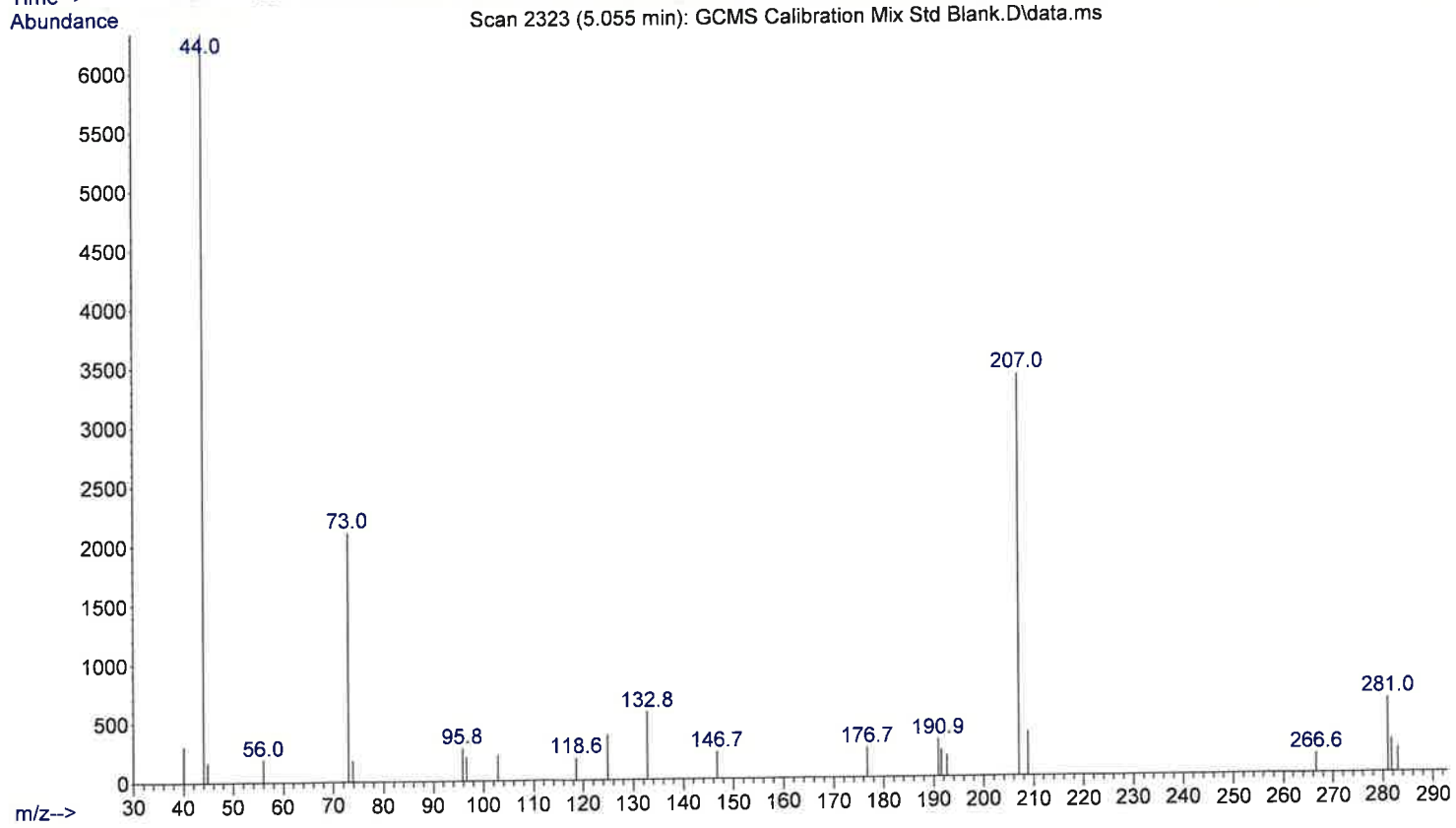


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Operator : IS
Instrument : Quincy
Acquired : 12 May 2025 19:20 using AcqMethod DTDRUGS100.M
Sample Name: Methamphetamine Std
Misc Info : Meoh,Cerilliant,LotFE006022204,Exp12-31-27



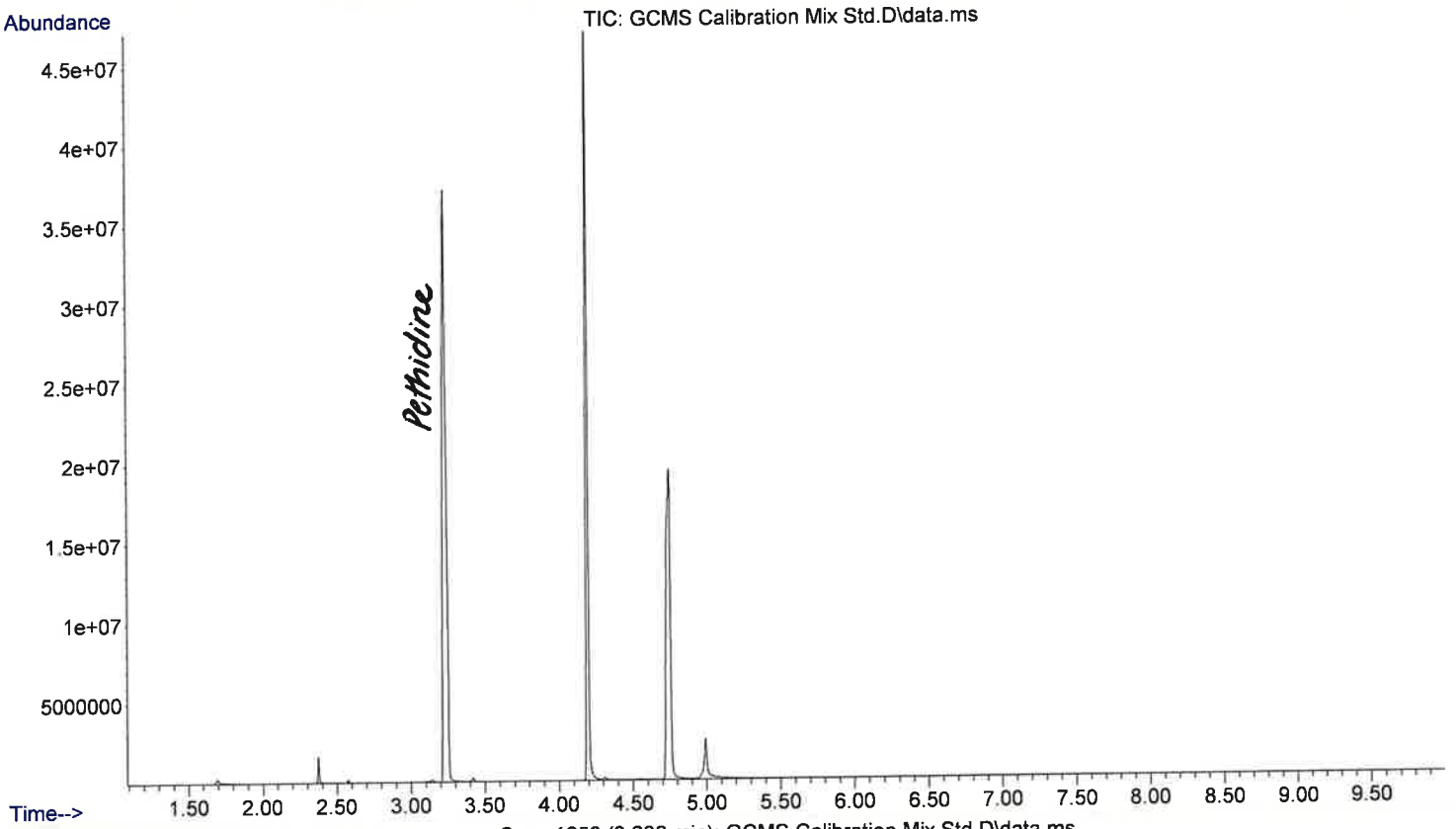
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Instrument : Quincy
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Sample Name: GCMS Calibration Mix Std Blank
Misc Info : Meoh

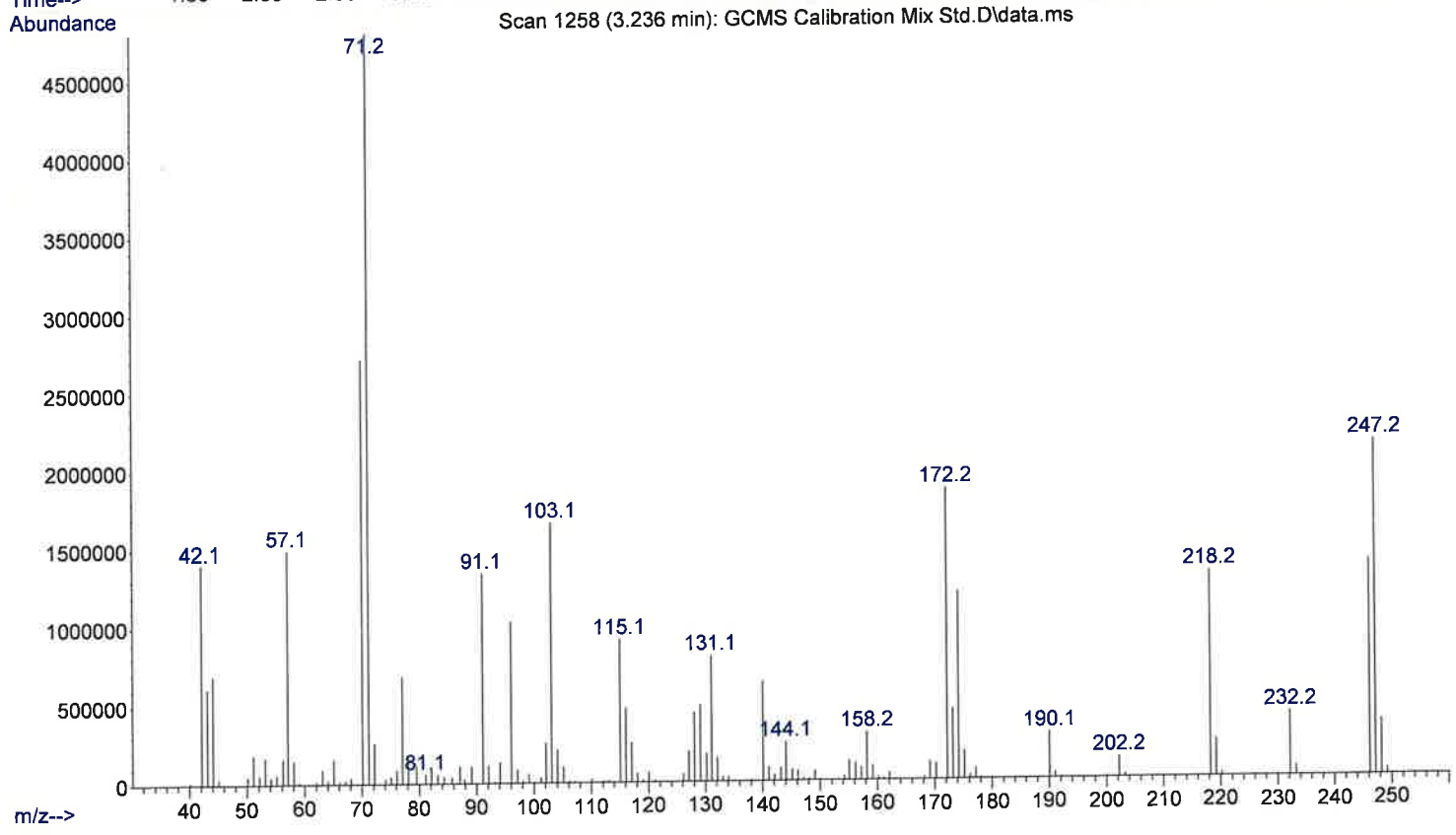




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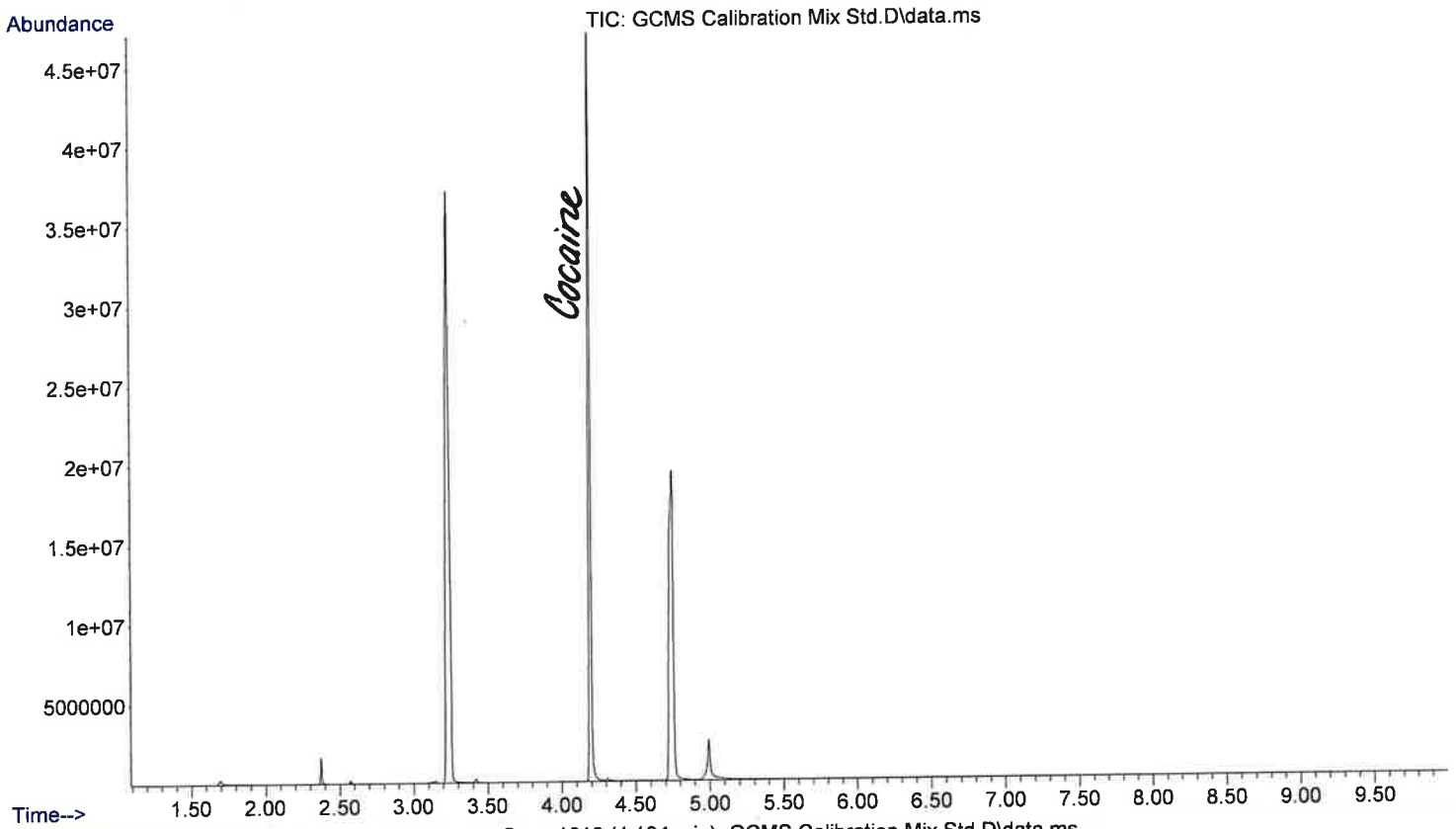
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Operator : IS
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Sample Name: GCMS Calibration Mix Std
Misc Info : Meoh,Exp 04-07-26

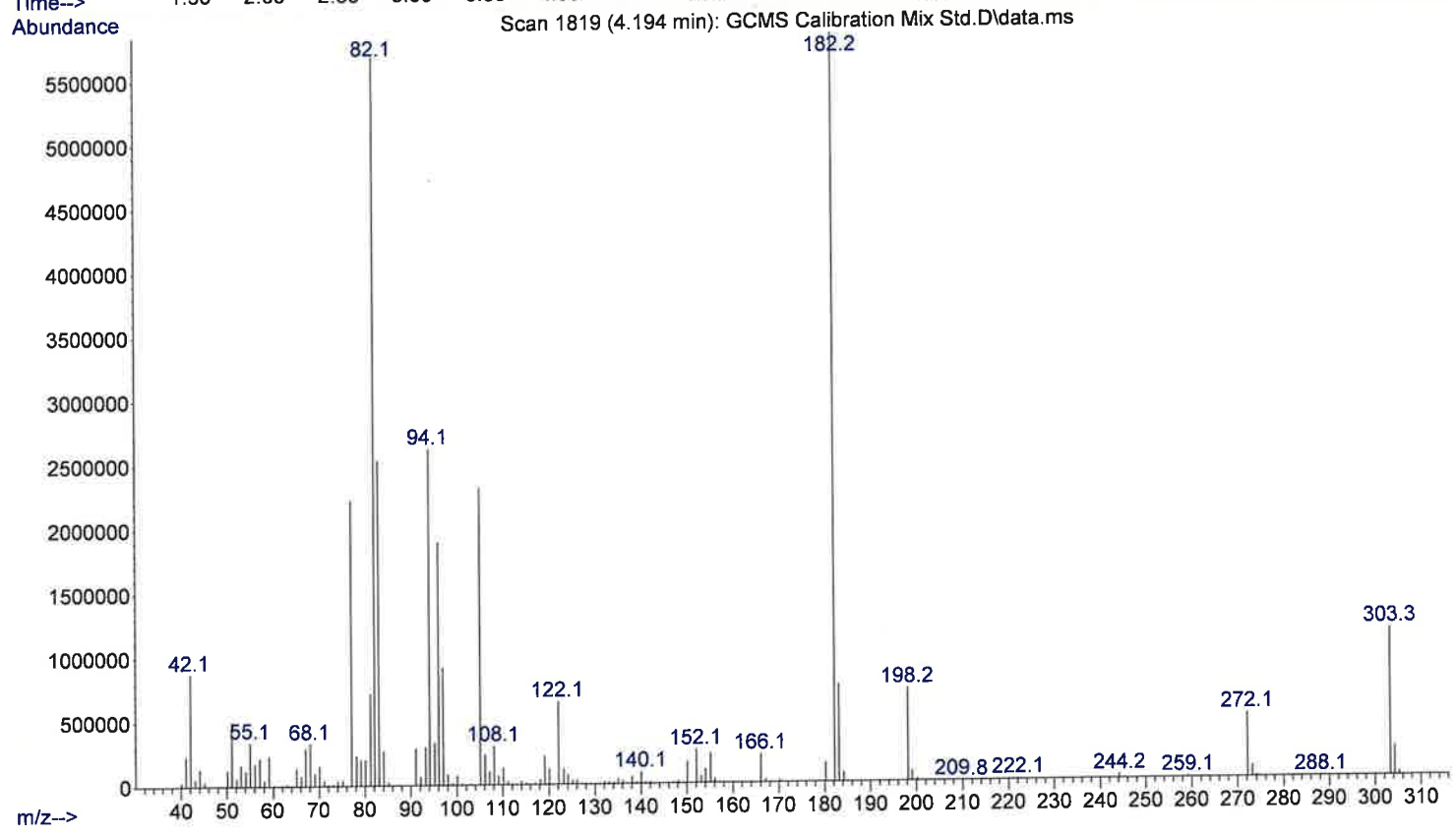




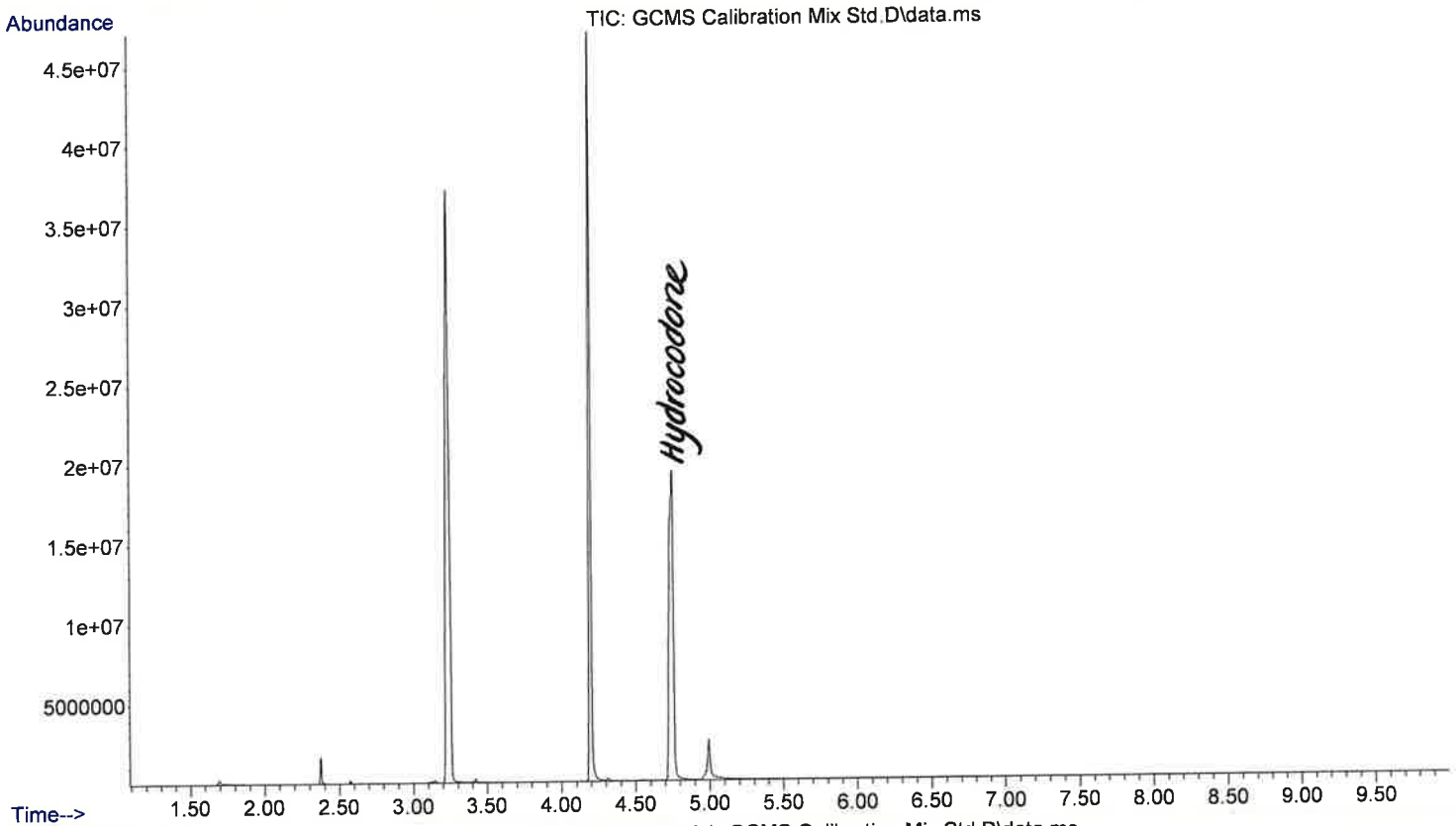
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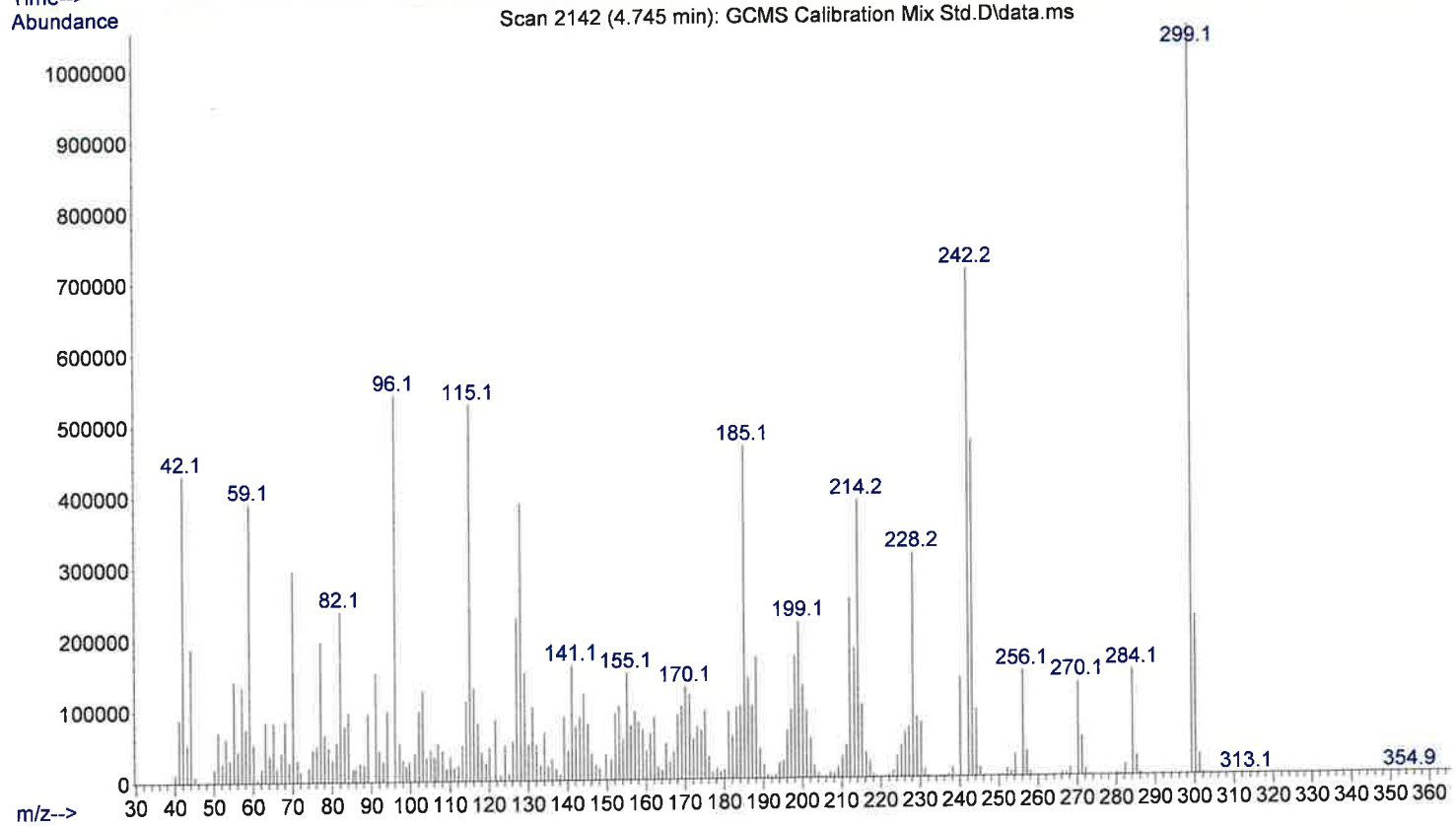
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Sample Name: GCMS Calibration Mix Std
Misc Info : Meoh,Exp 04-07-26



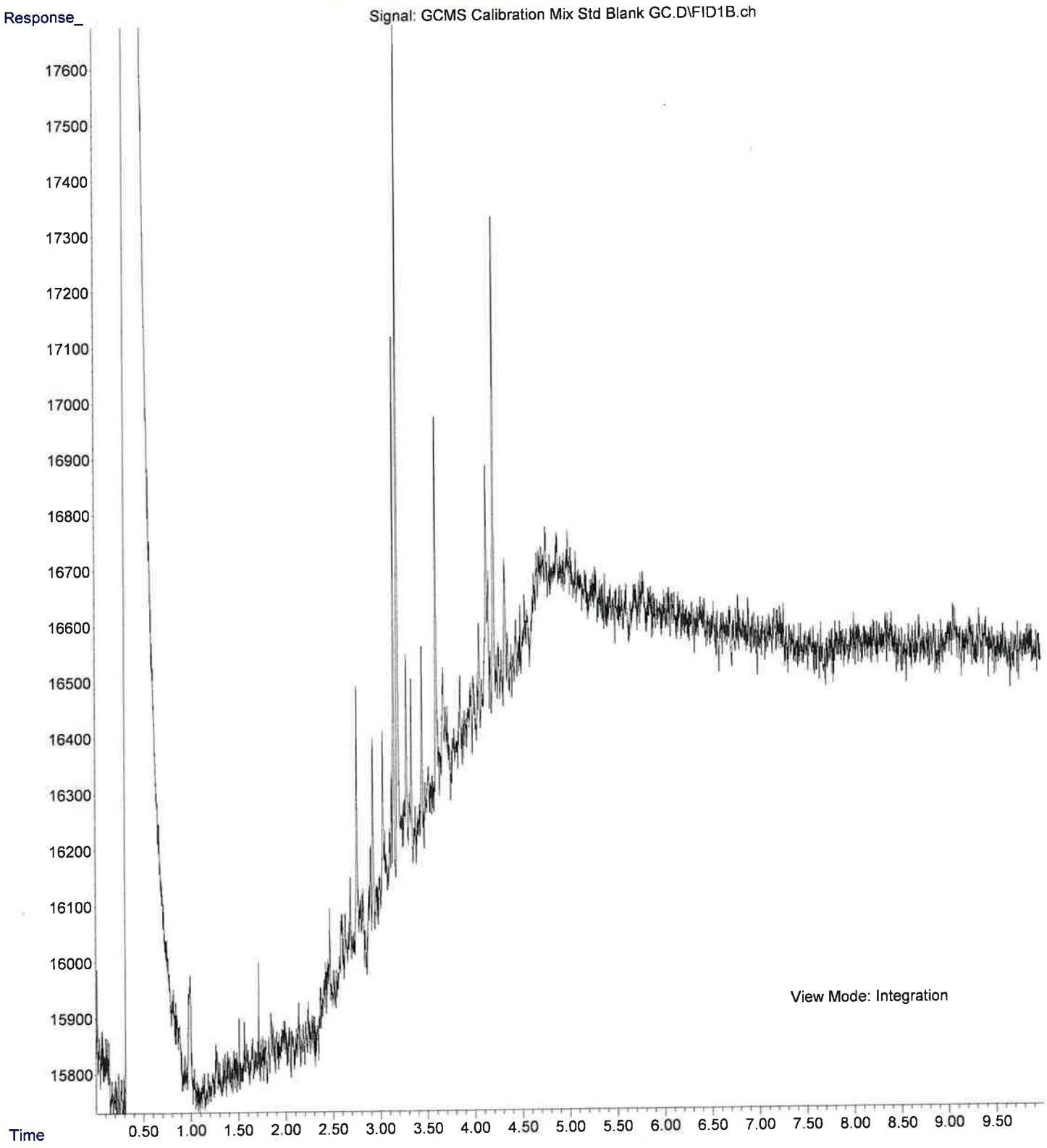


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Misc Info : Meoh,Exp 04-07-26

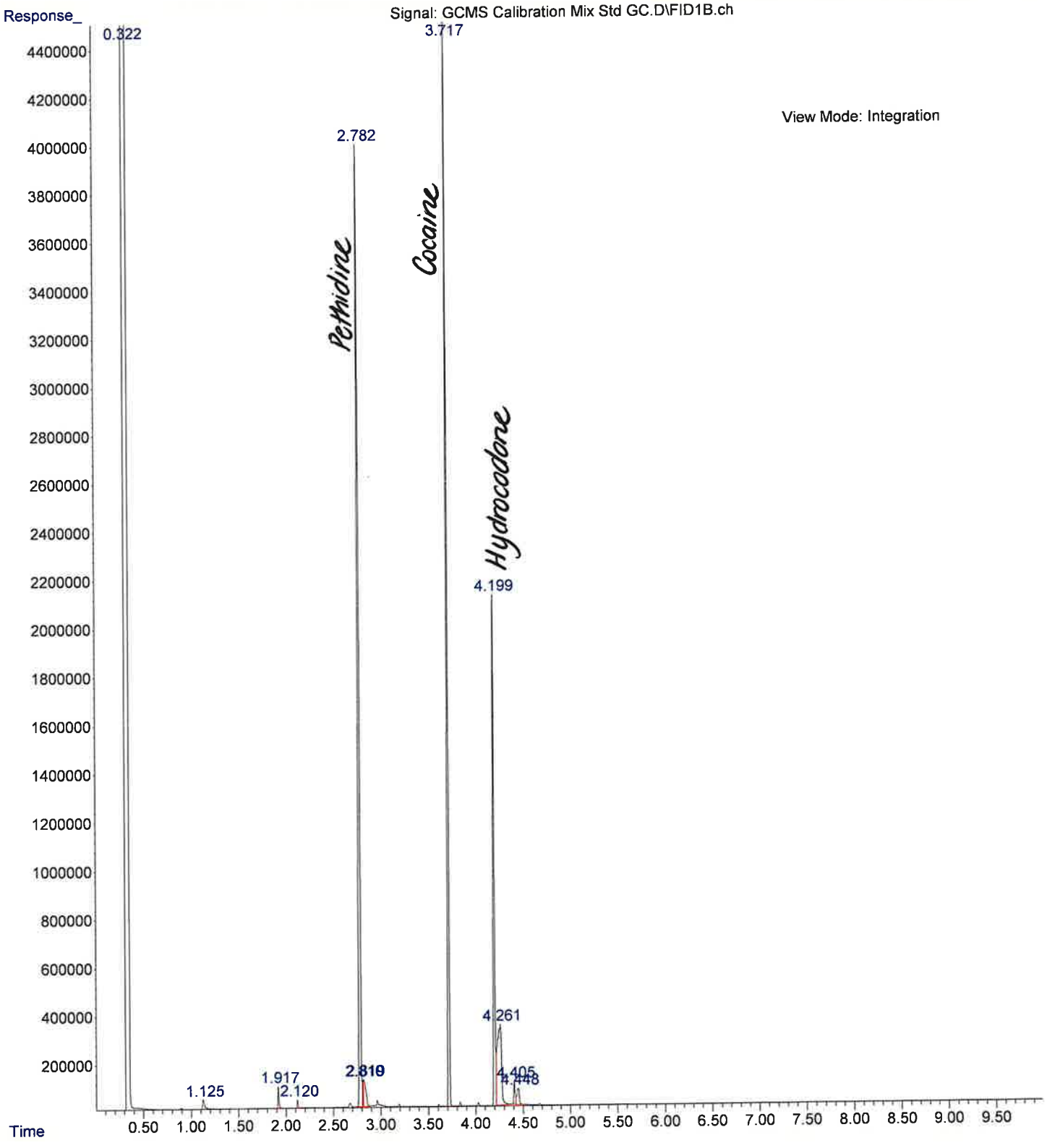




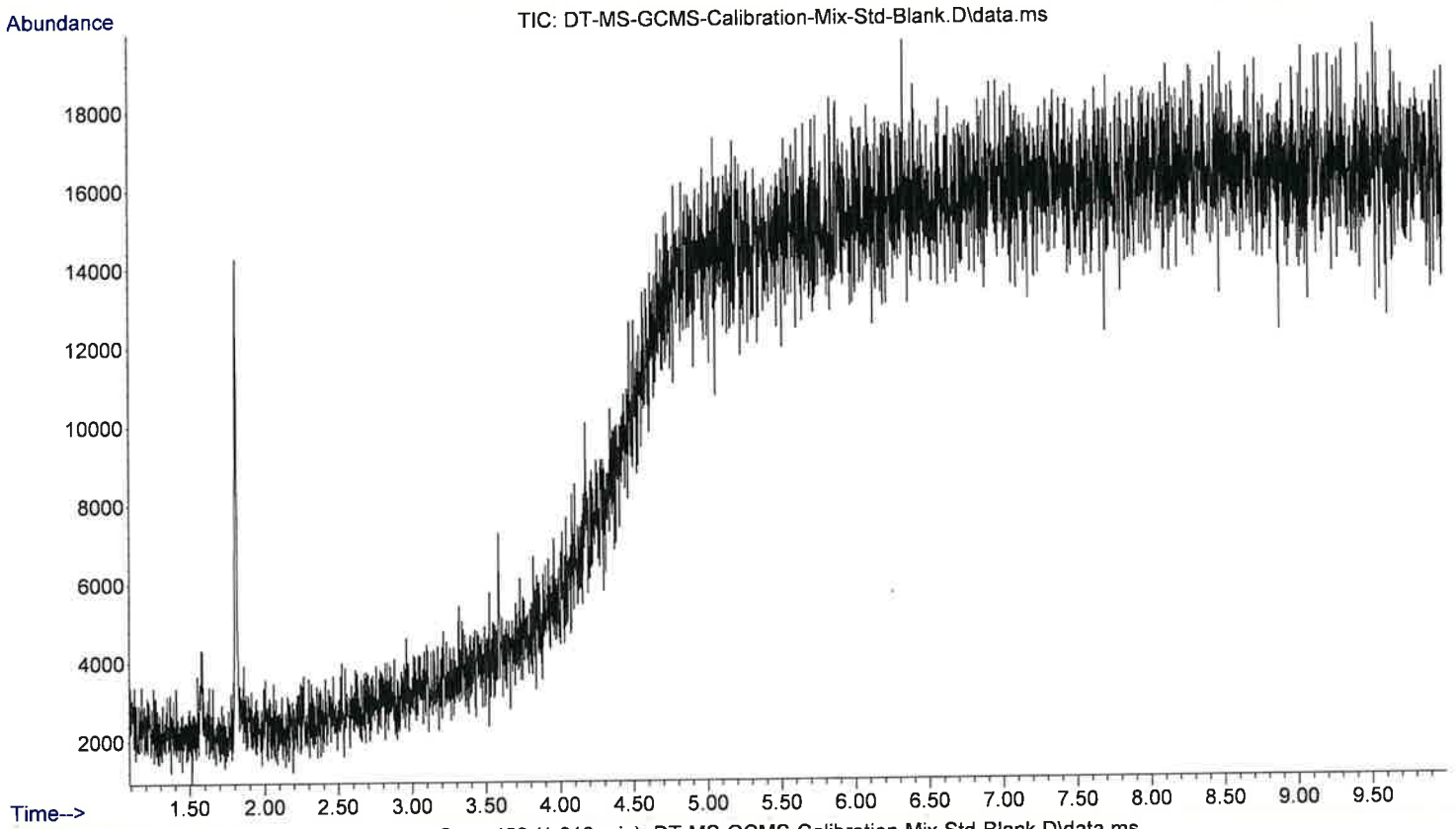
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Instrument : Quincy
Acquired : 12 May 2025 16:44 using AcqMethod ASGC100.M
Sample Name: GCMS Calibration Mix Std Blank GC
Misc Info : Meoh

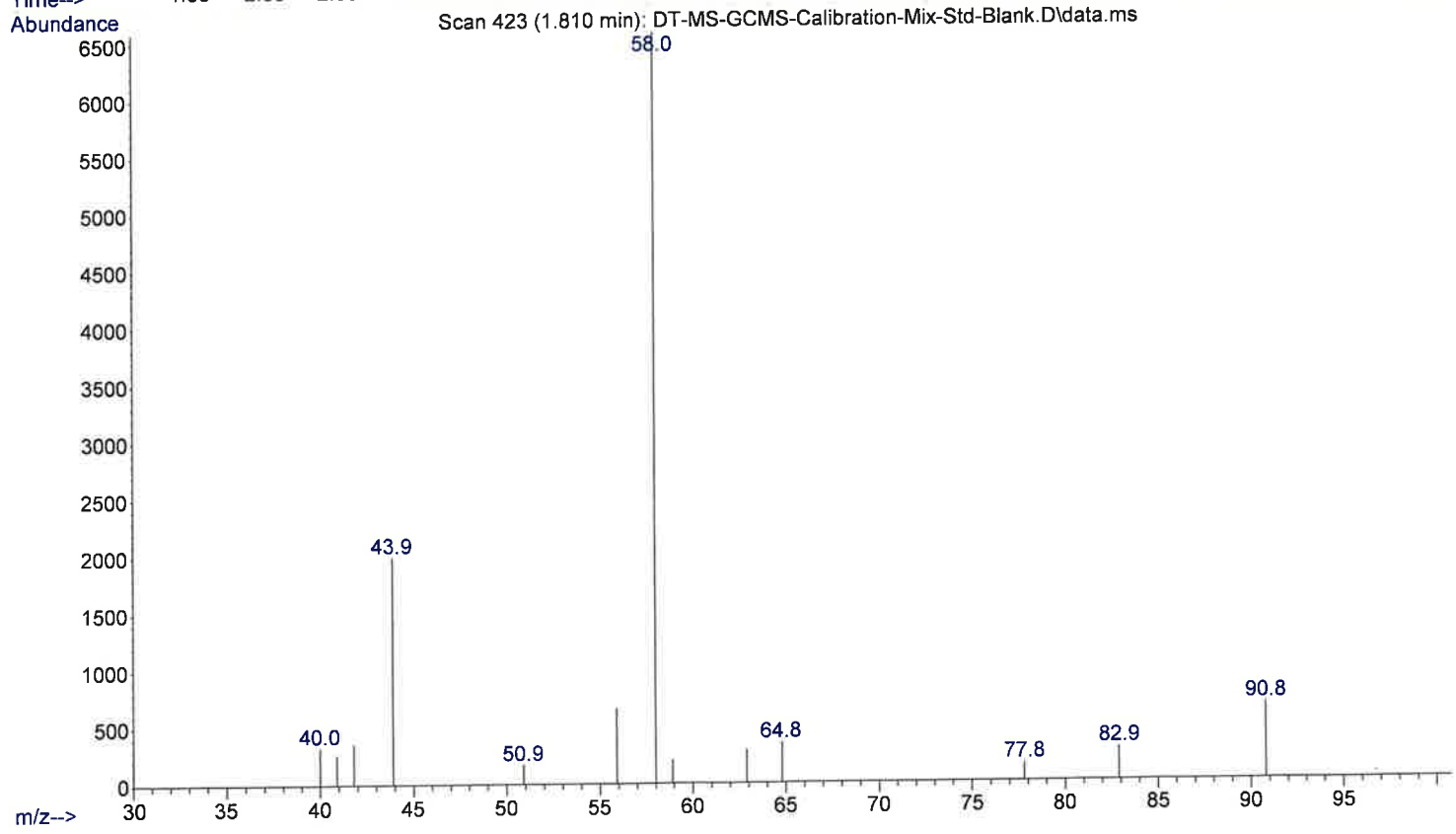


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Sample Name: GCMS Calibration Mix Std GC
Misc Info : Meoh,Exp 04-07-26

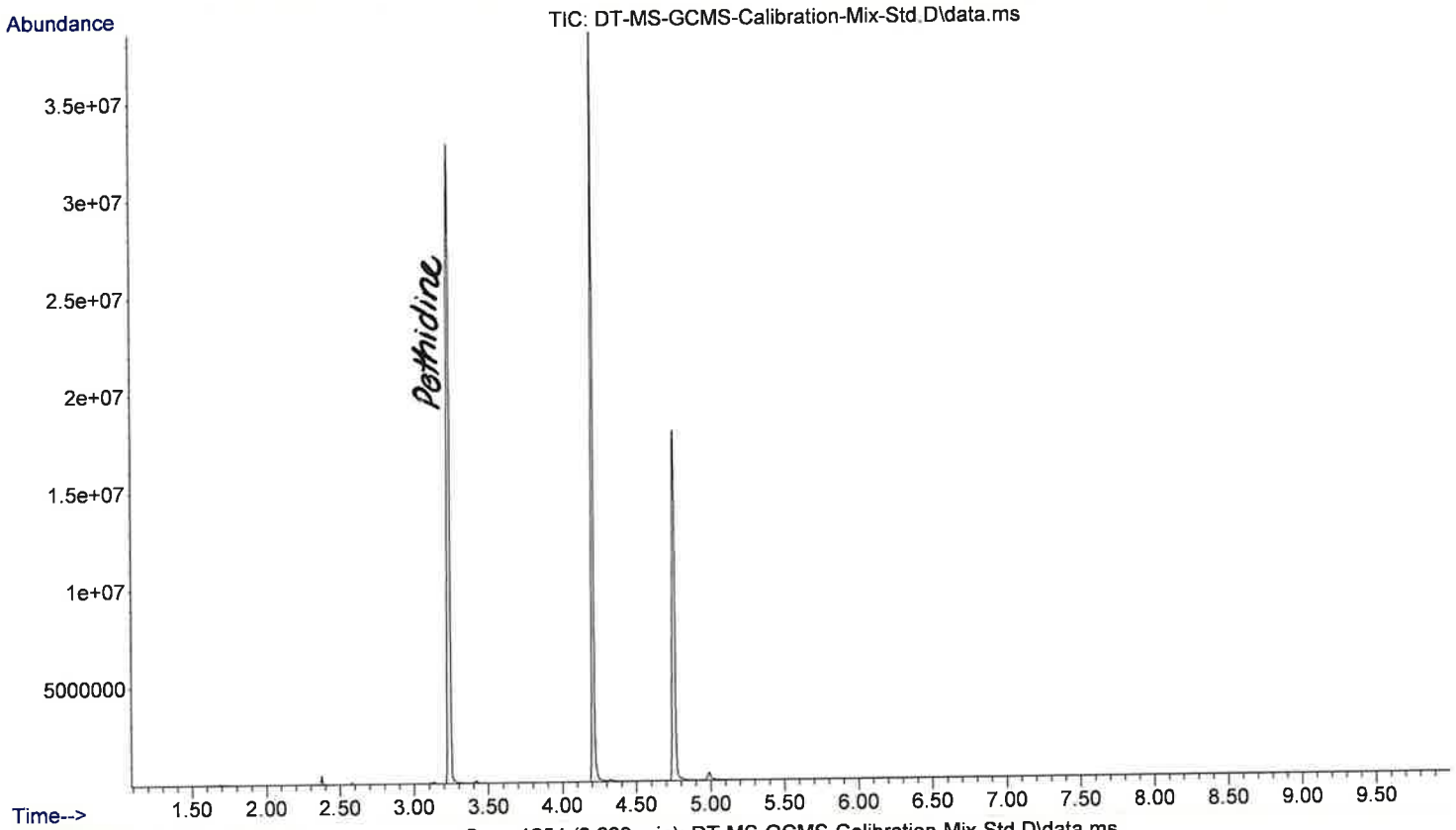


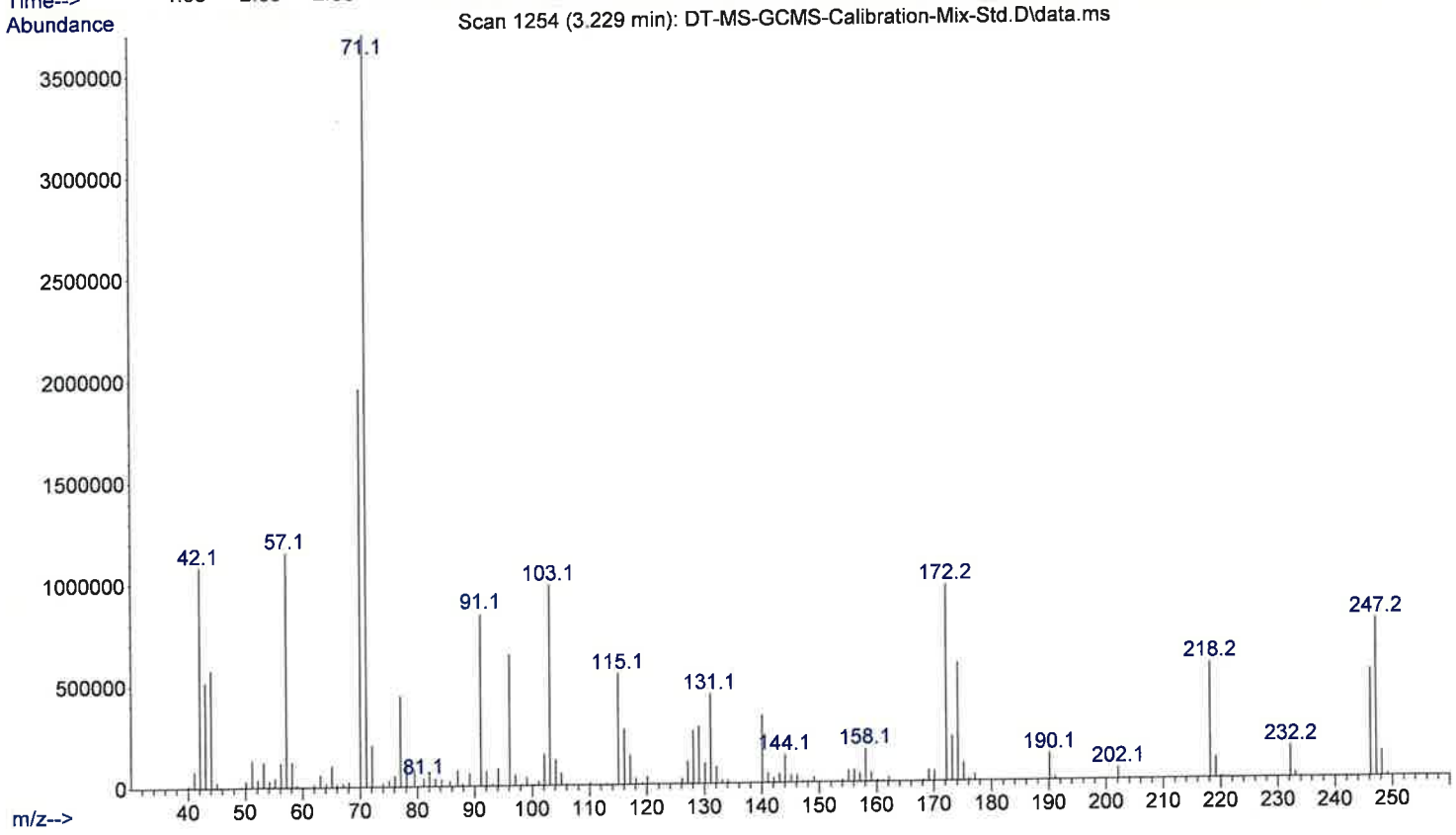
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Operator : IS
Instrument : Quincy
Acquired : 12 May 2025 19:33 using AcqMethod DTDRUGS100.M
Sample Name: GCMS Calibration Mix Std Blank
Misc Info : Meoh





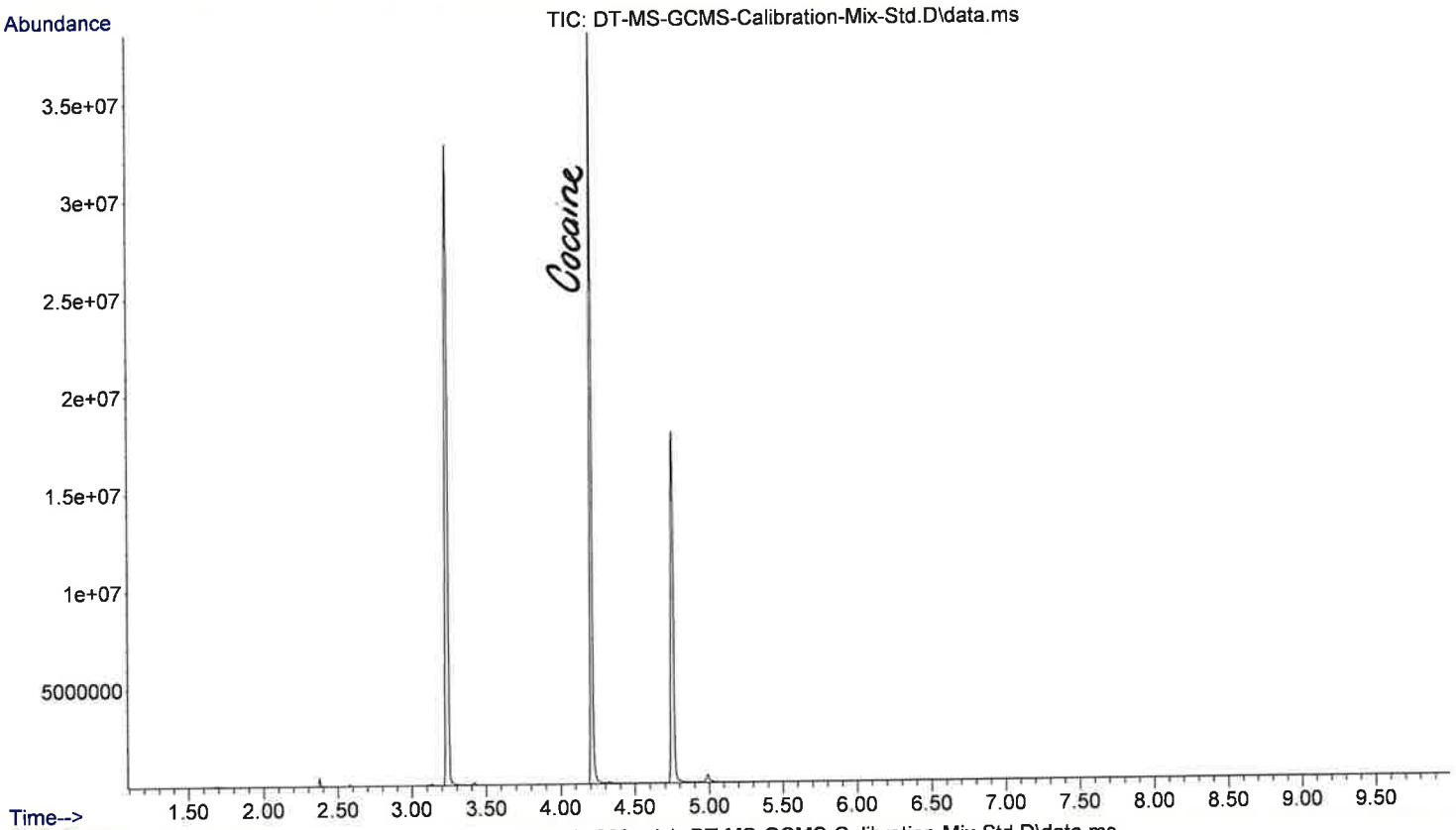
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Operator : IS
Instrument : Quincy
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Sample Name: GCMS Calibration Mix Std
Misc Info : Meoh,Exp 09-18-25

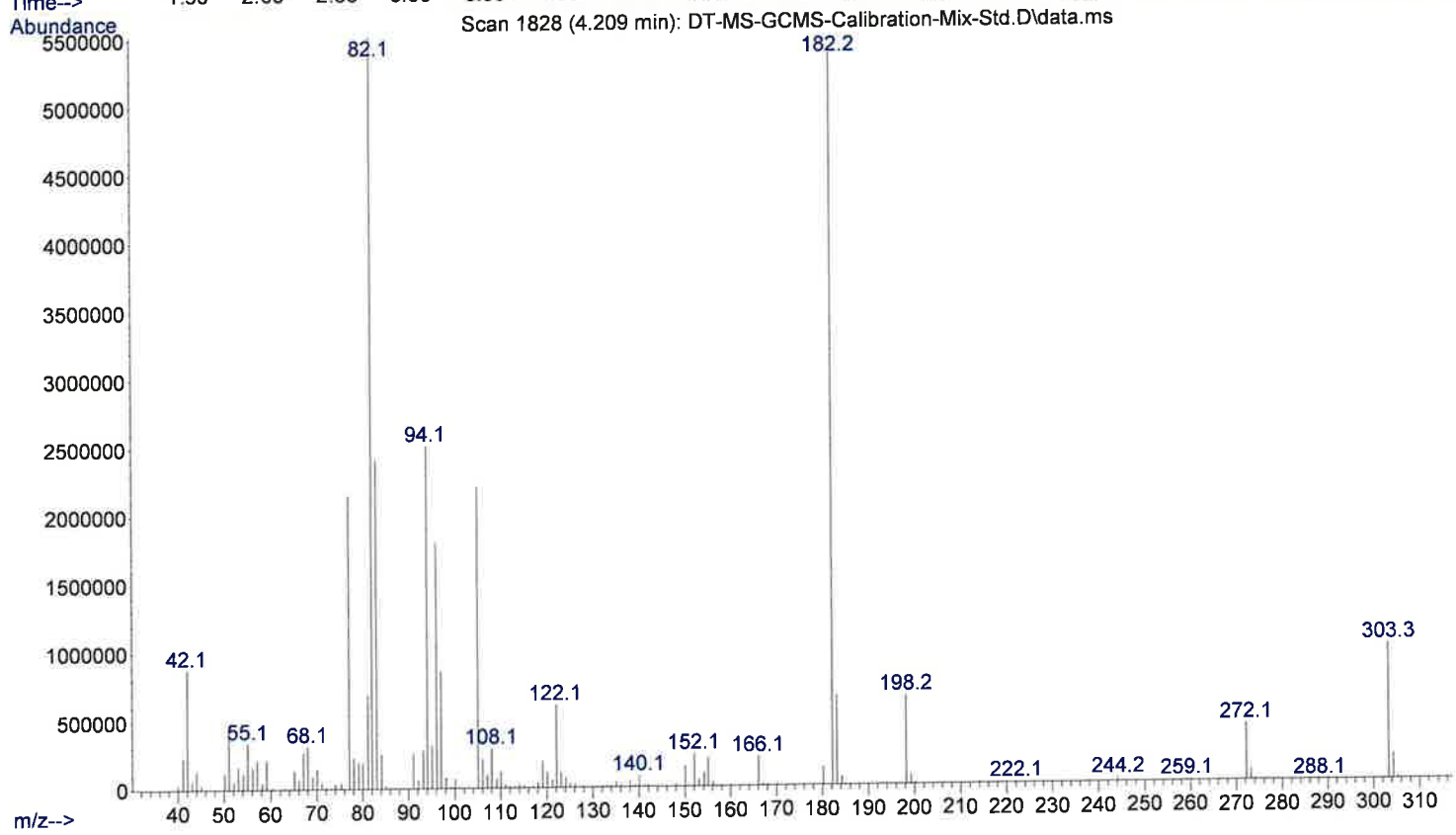




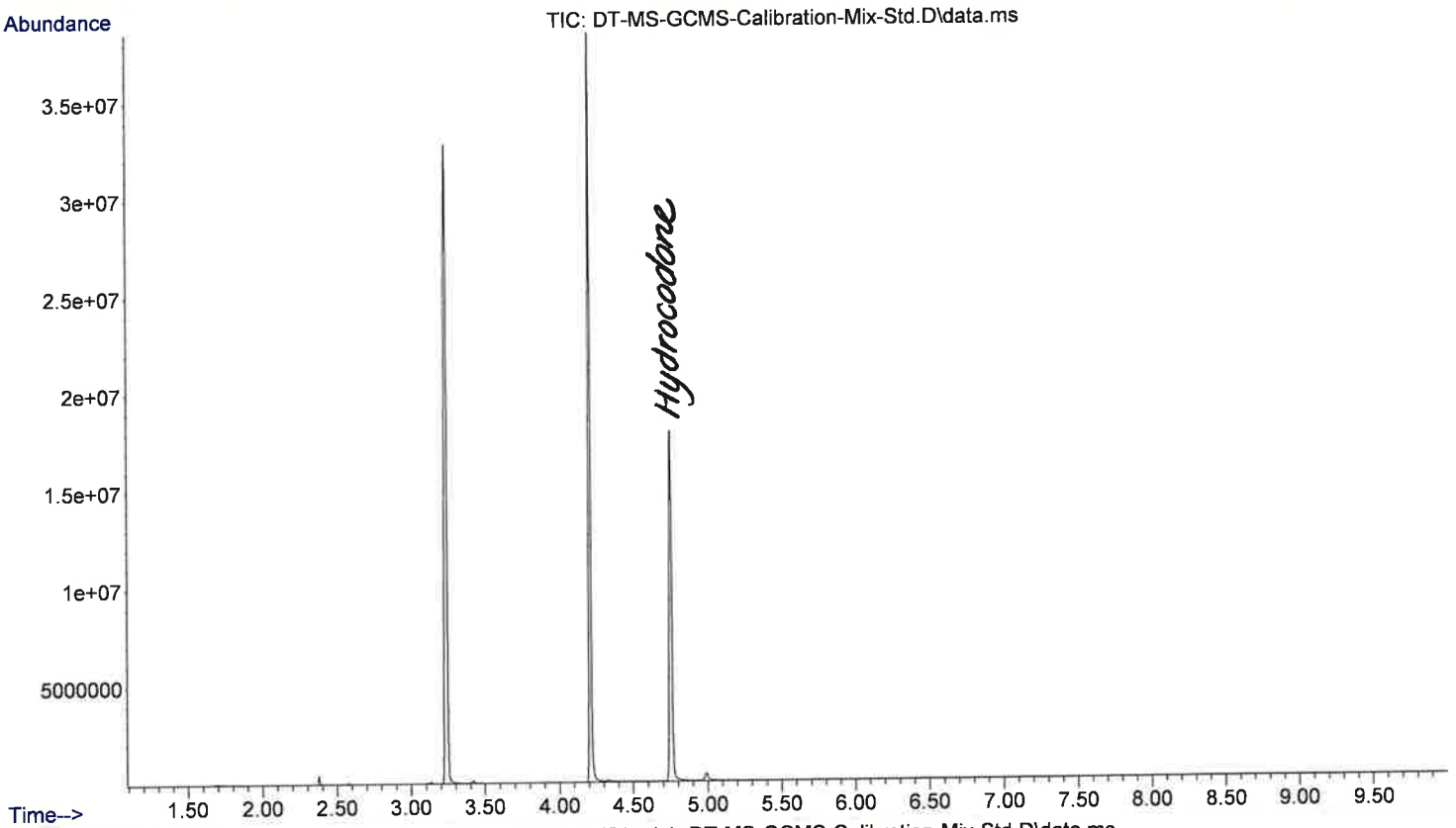
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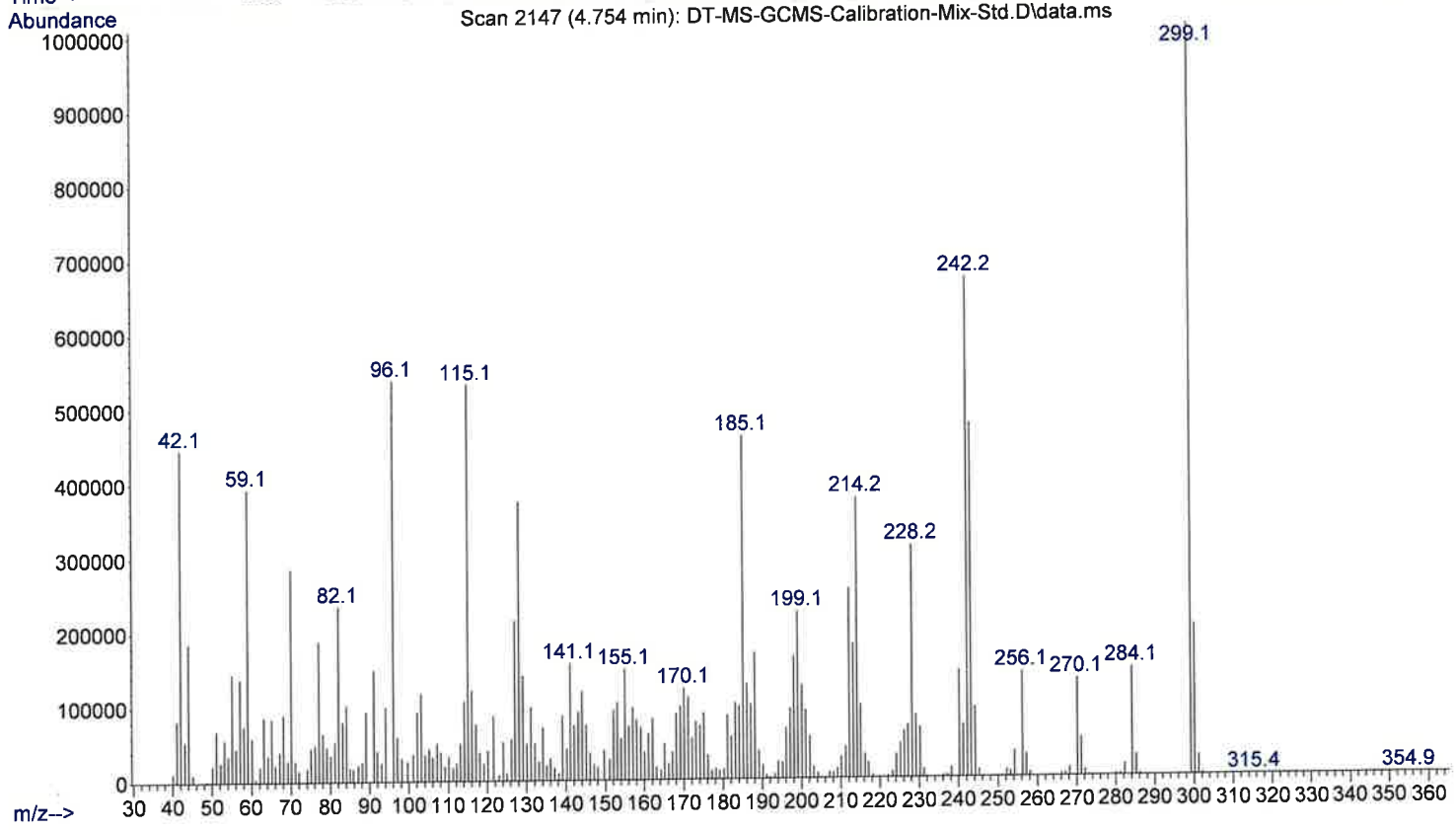
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Sample Name: GCMS Calibration Mix Std
Misc Info : Meoh,Exp 09-18-25



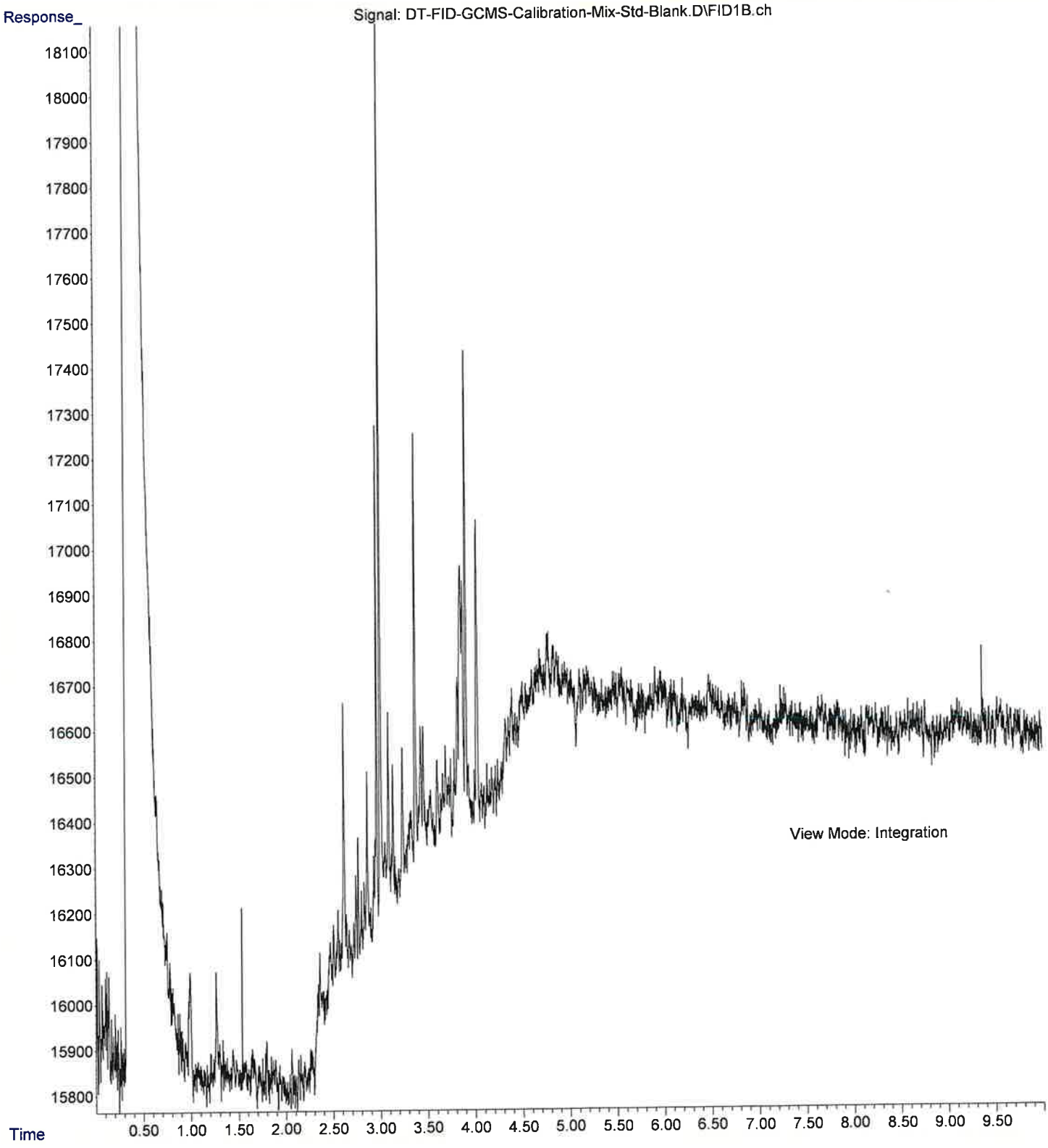


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Misc Info : Meoh,Exp 09-18-25

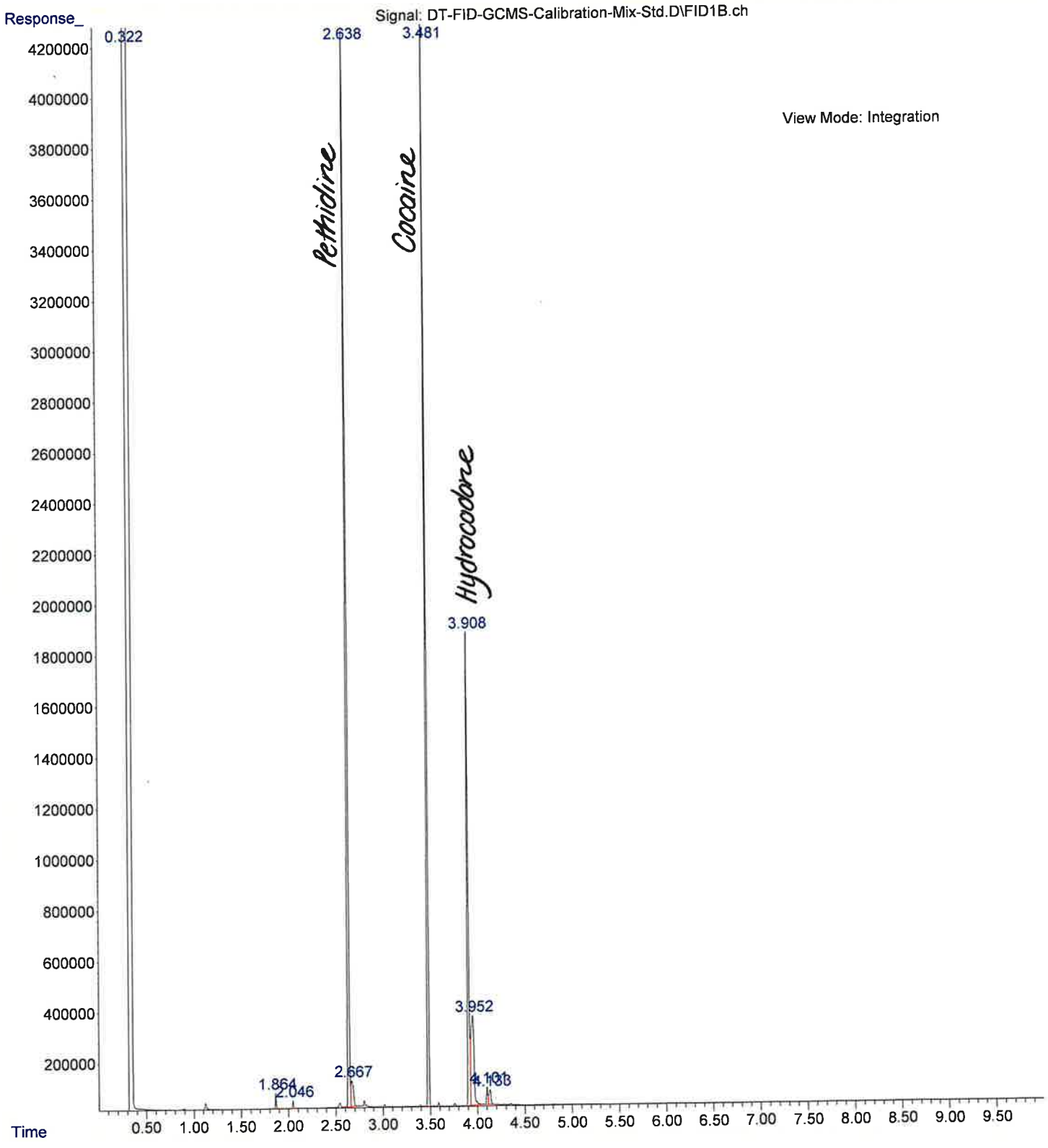




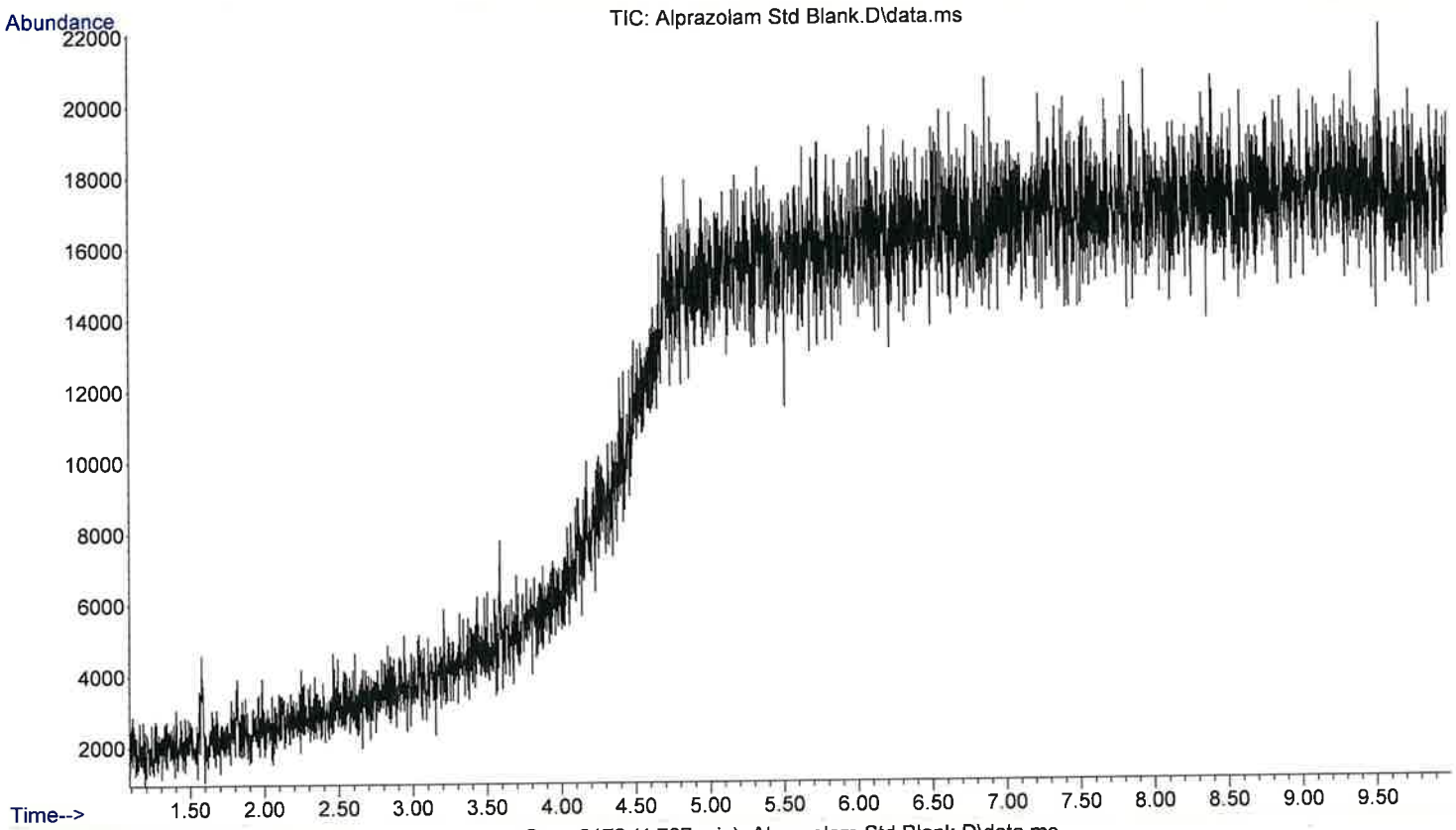
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Instrument : Quincy
Acquired : 12 May 2025 19:33 using AcqMethod DTDRUGS100.M
Sample Name: GCMS Calibration Mix Std Blank
Misc Info : Meoh

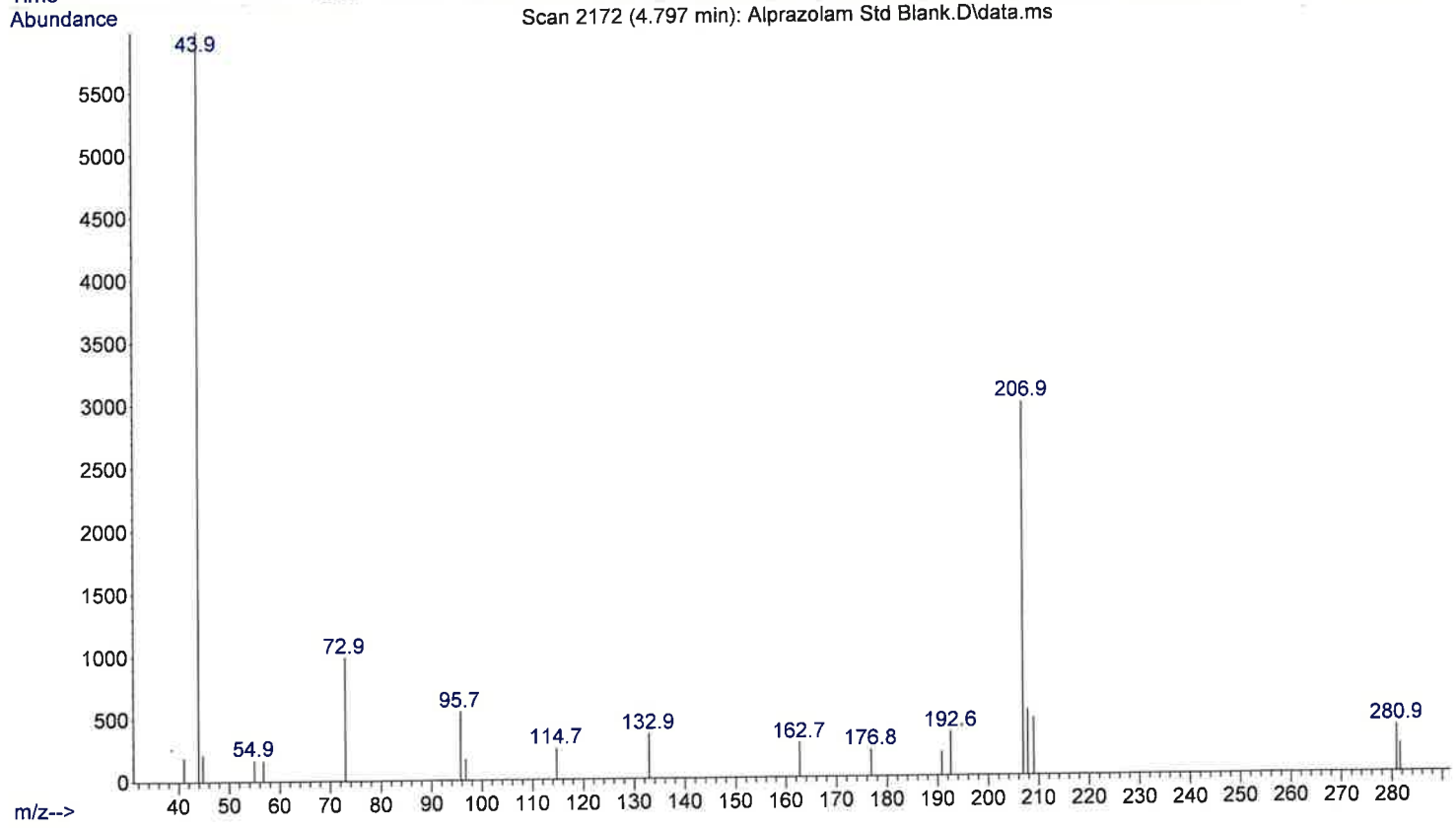


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Sample Name: GCMS Calibration Mix Std
Misc Info : Meoh,Exp 09-18-25



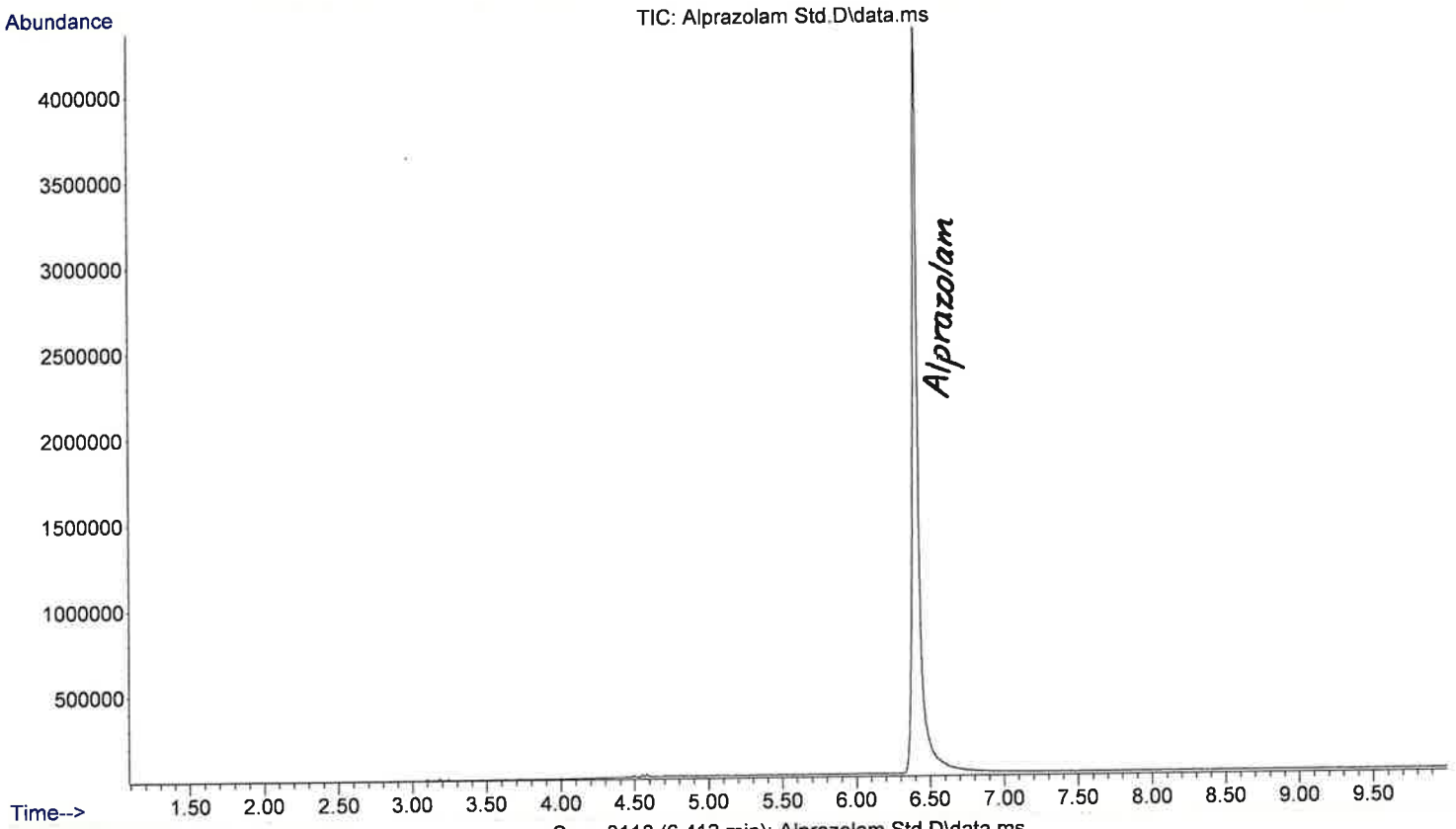
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Operator : IS
Instrument : Quincy
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Sample Name: Alprazolam Std Blank
Misc Info : Meoh

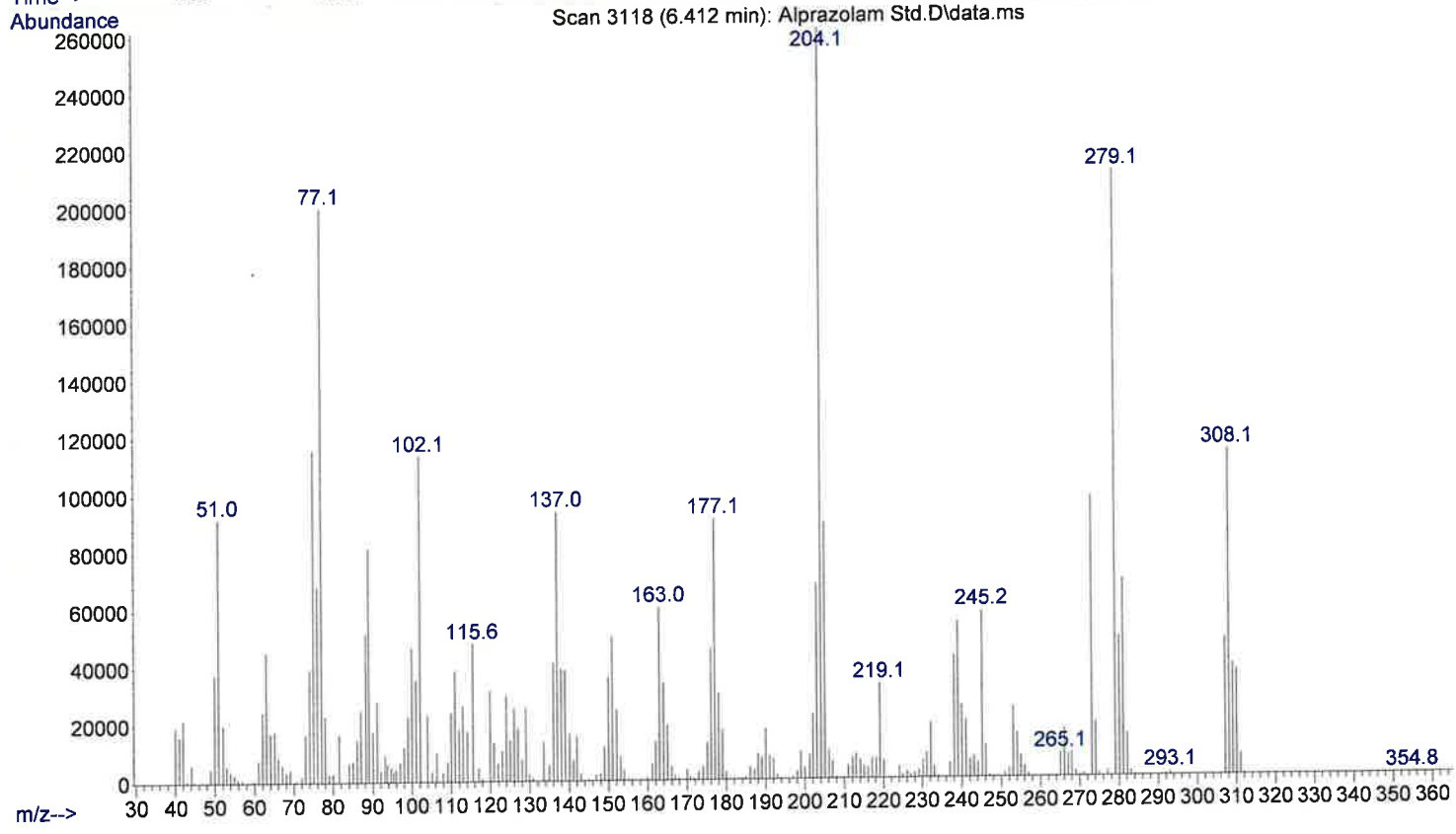




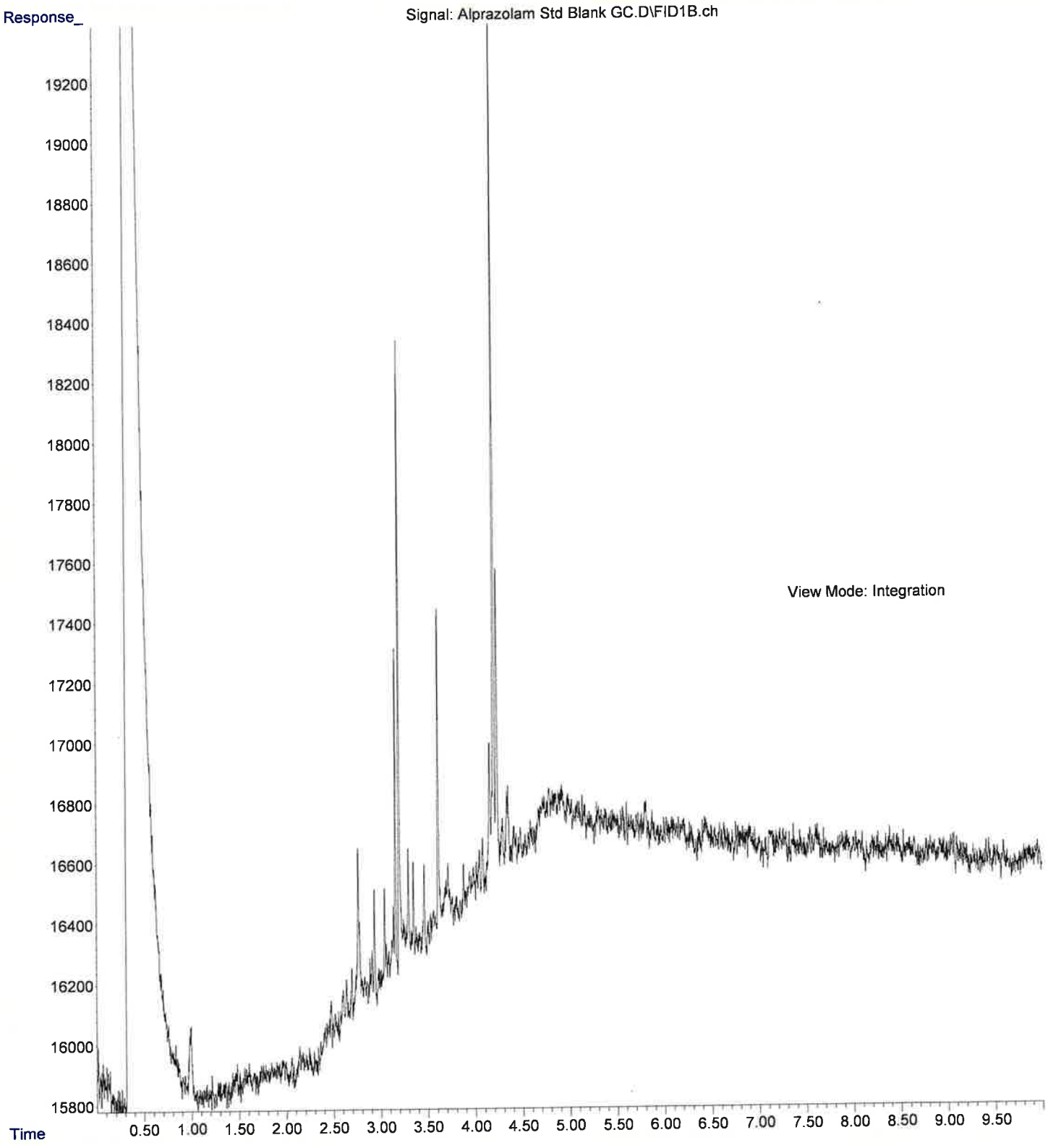
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Operator : IS
Instrument : Quincy
Acquired : 12 May 2025 14:09 using AcqMethod ASMSDRUGS100.M
Sample Name: Alprazolam Std
Misc Info : Meoh,Cerilliant,LotFE050032221,Exp01-31-28

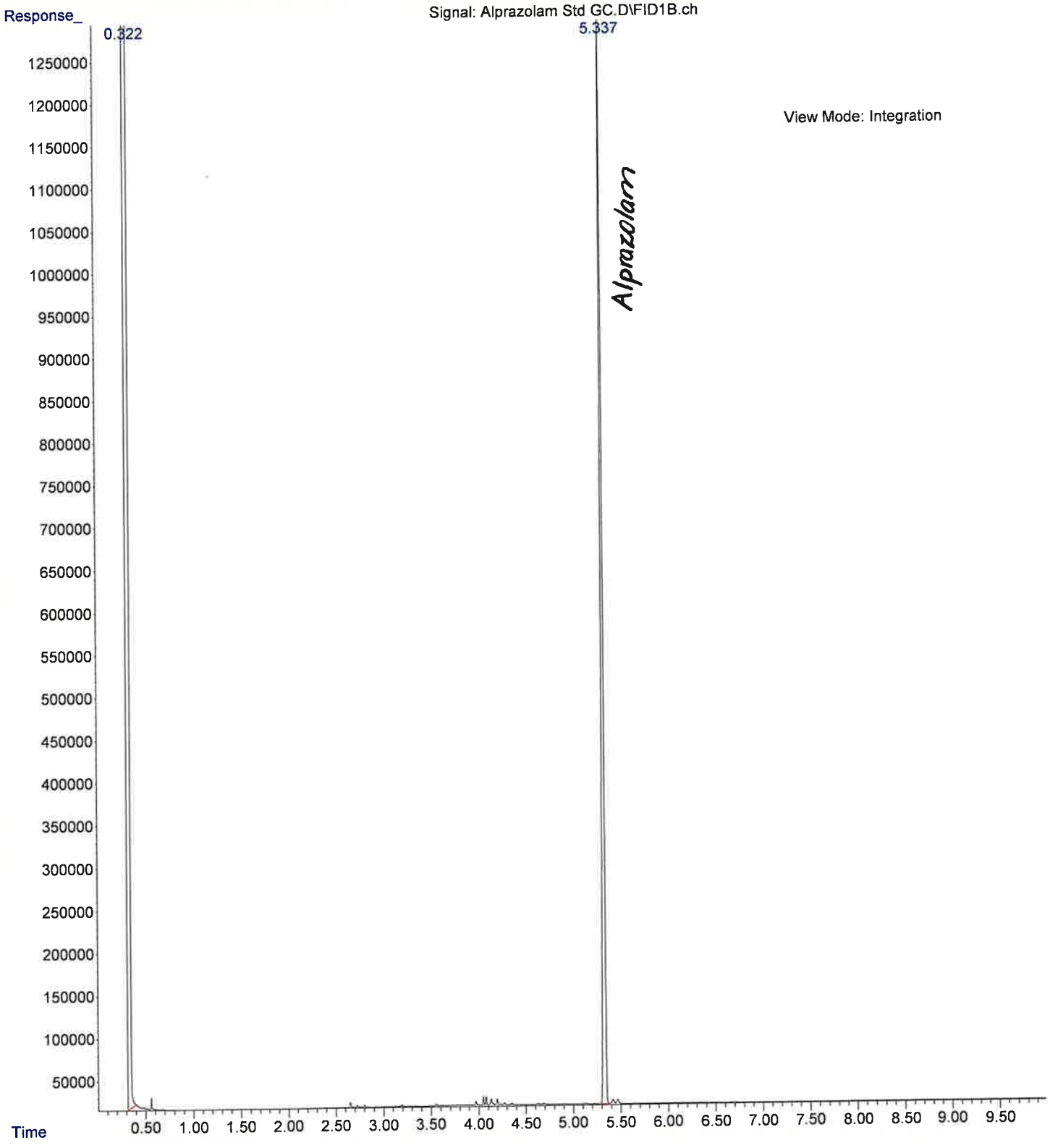




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Operator : IS
Instrument : Quincy
Acquired : 12 May 2025 17:22 using AcqMethod ASGC100.M
Sample Name: Alprazolam Std Blank GC
Misc Info : Meoh

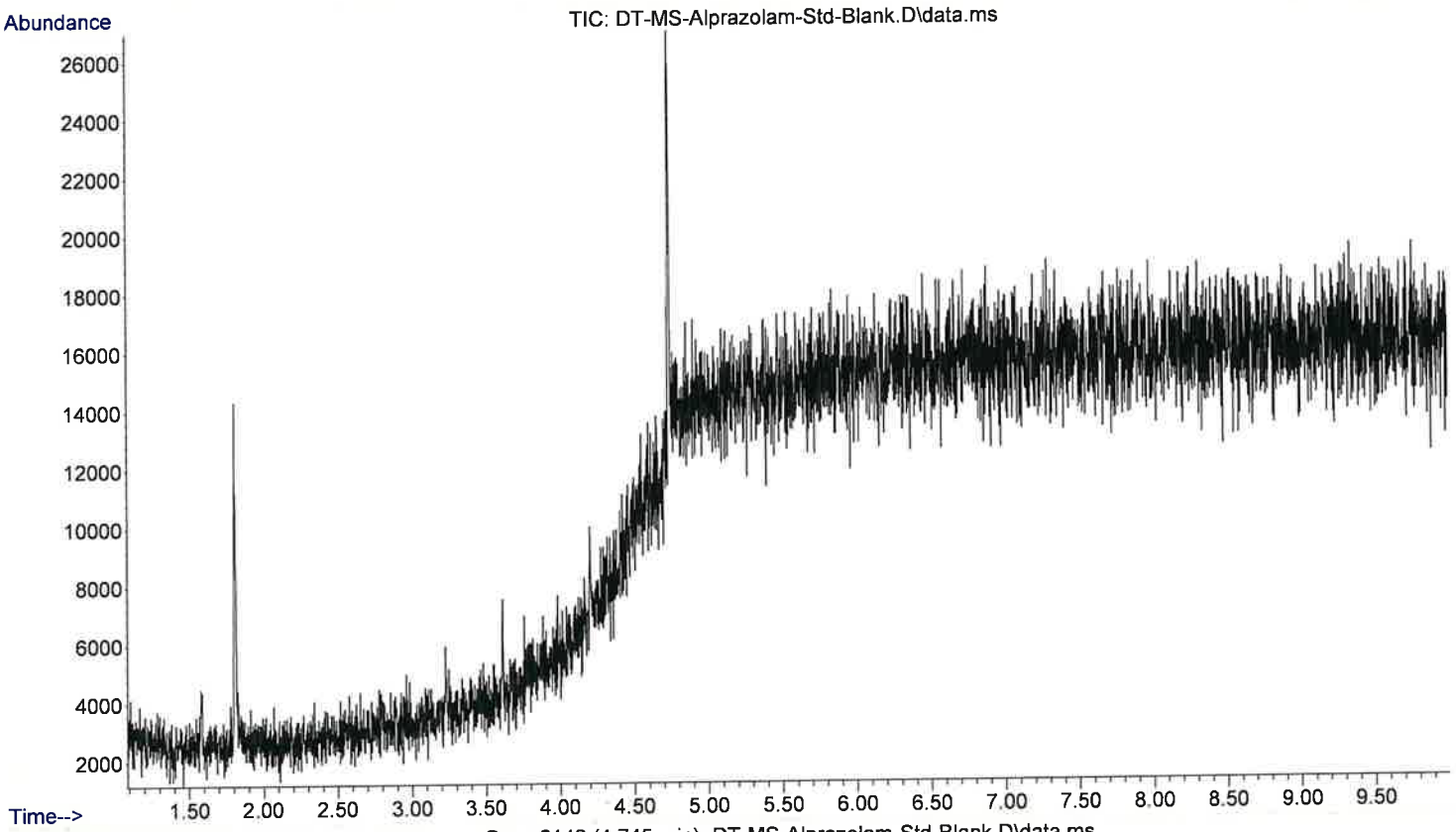


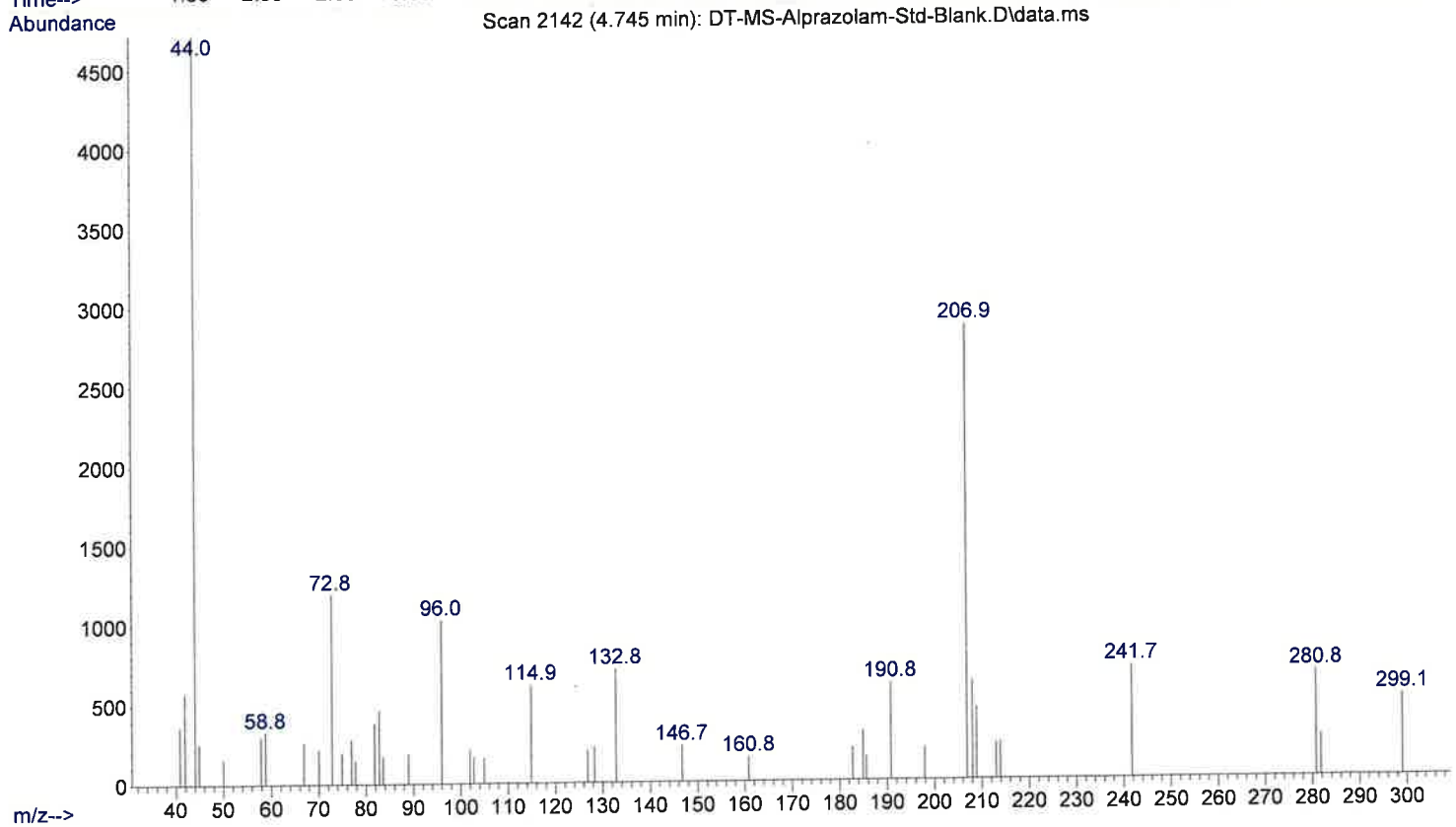
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Operator : IS
Instrument : Quincy
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Sample Name: Alprazolam Std GC
Misc Info : Meoh,Cerilliant,LotFE050032221,Exp01-31-28



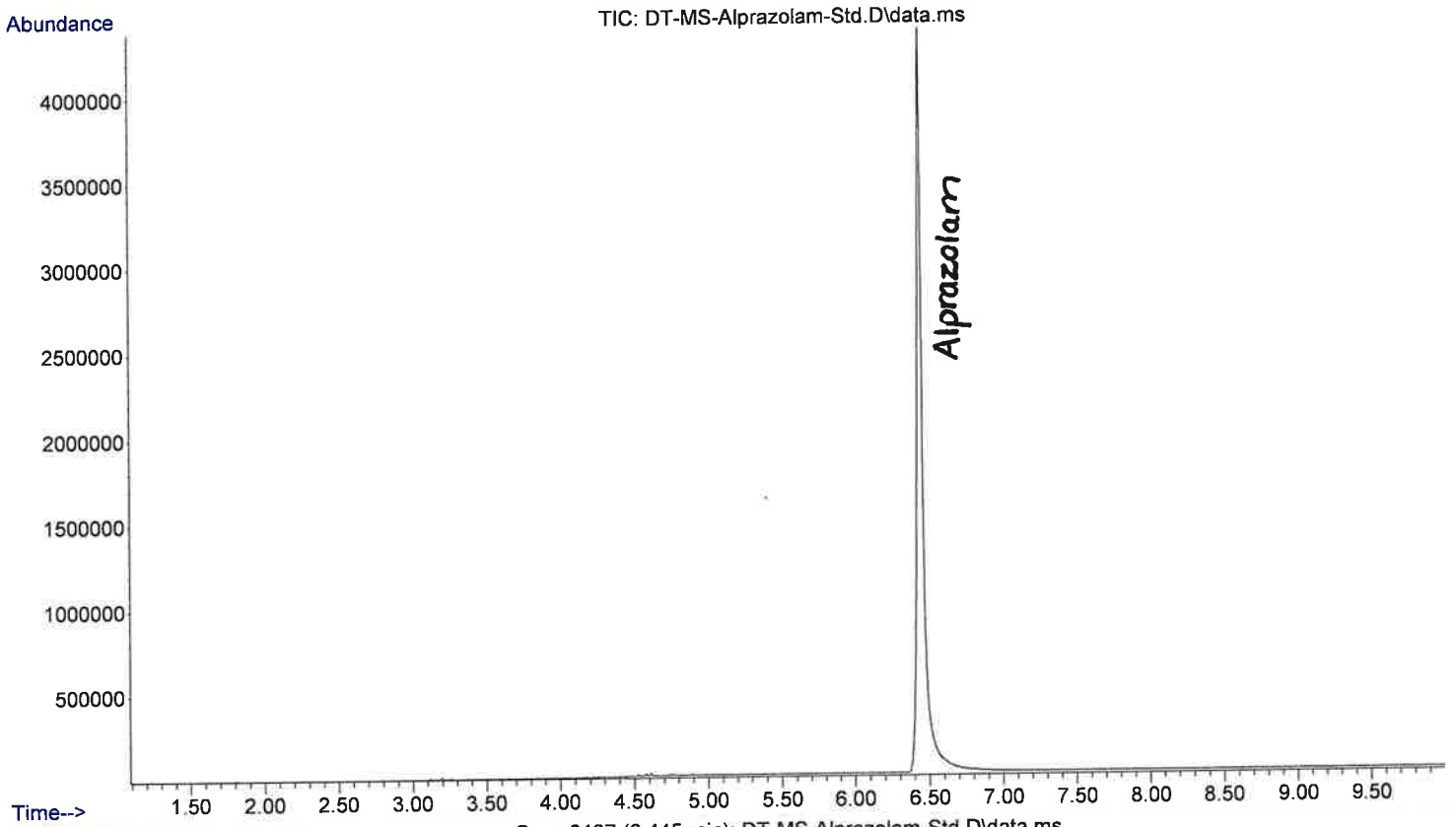
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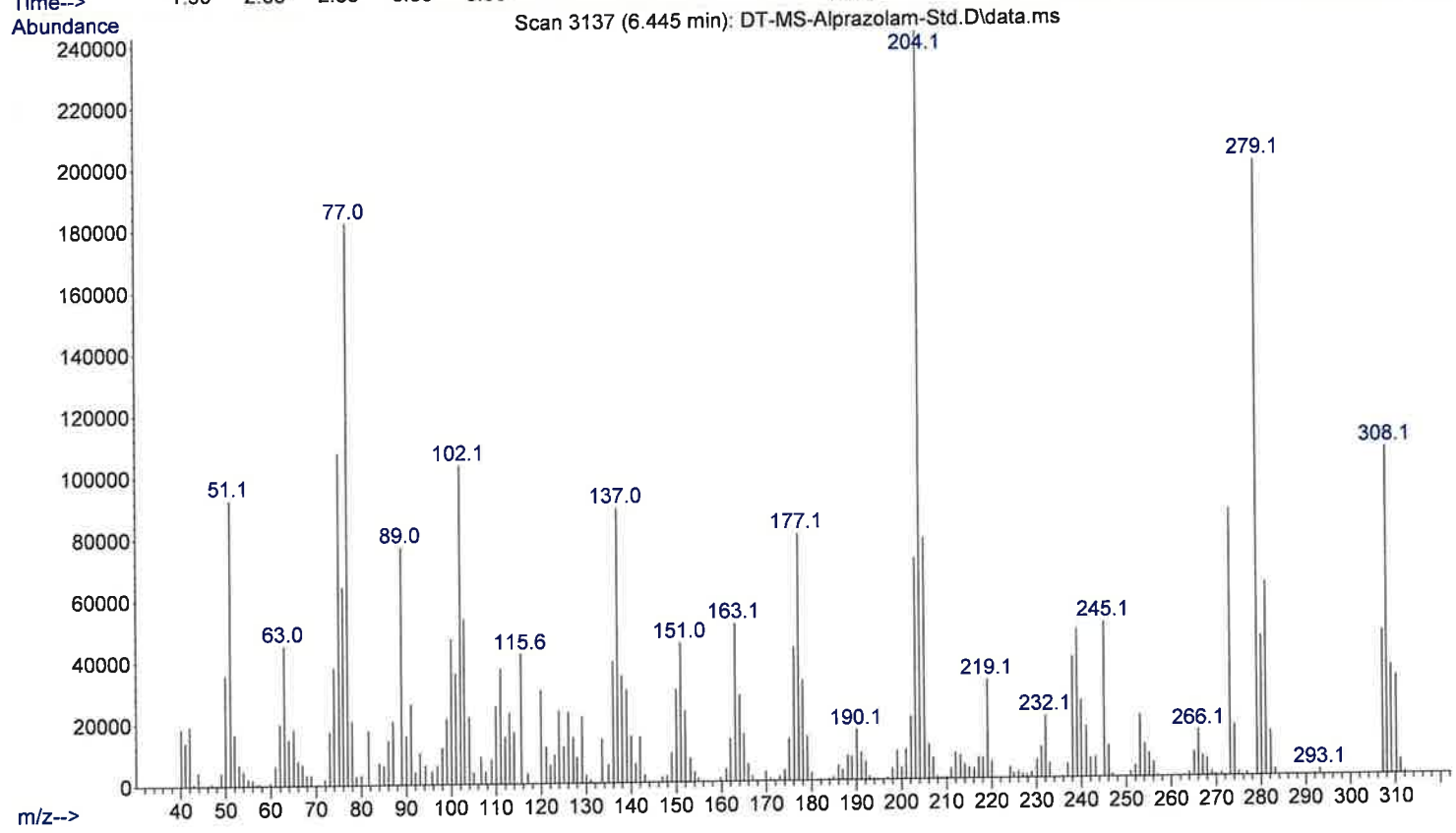
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Sample Name: Alprazolam Std Blank
Misc Info : Meoh



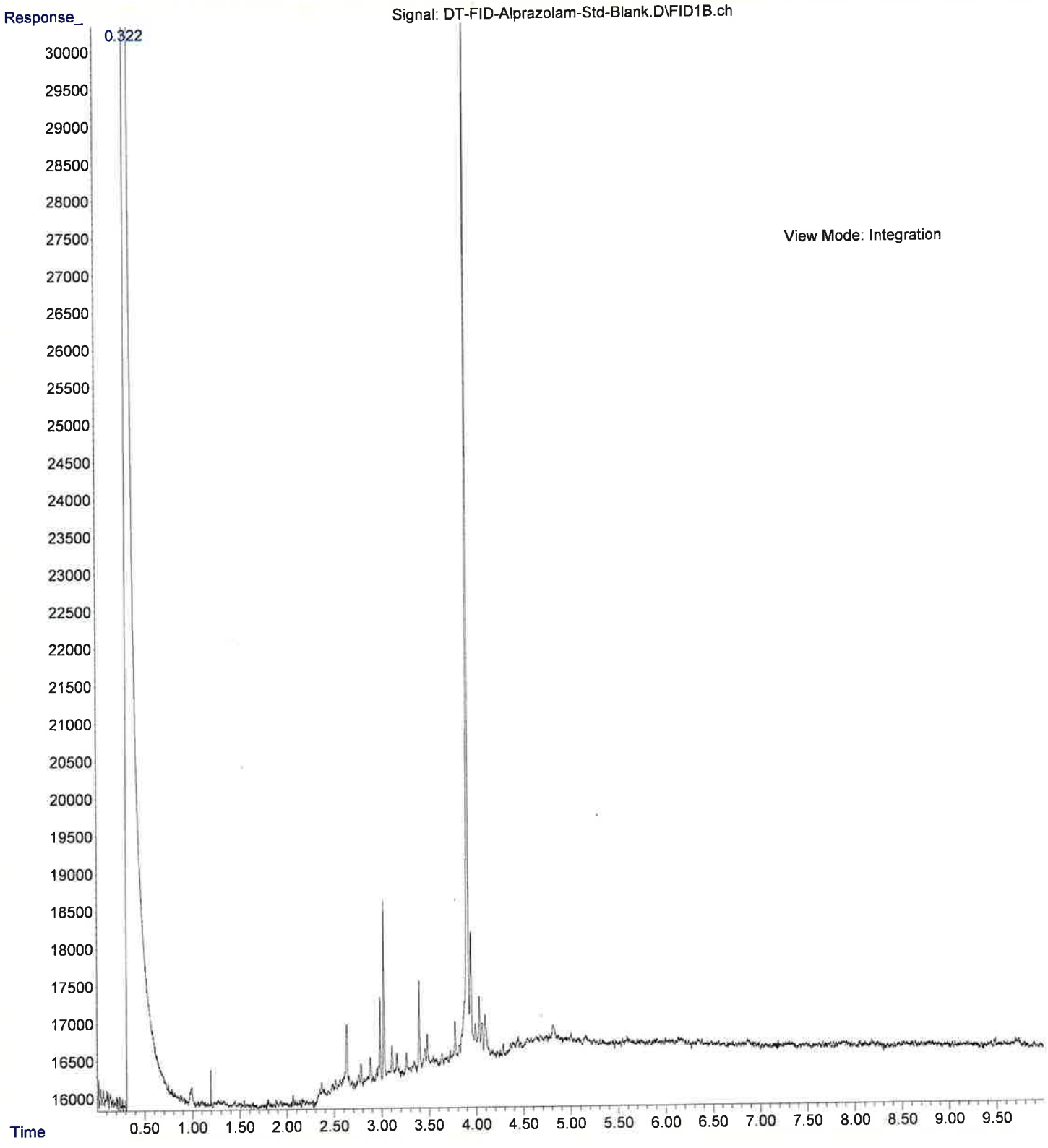


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Instrument : Quincy
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Sample Name: Alprazolam Std
Misc Info : Meoh,Cerilliant,LotFE050032221,Exp01-31-28

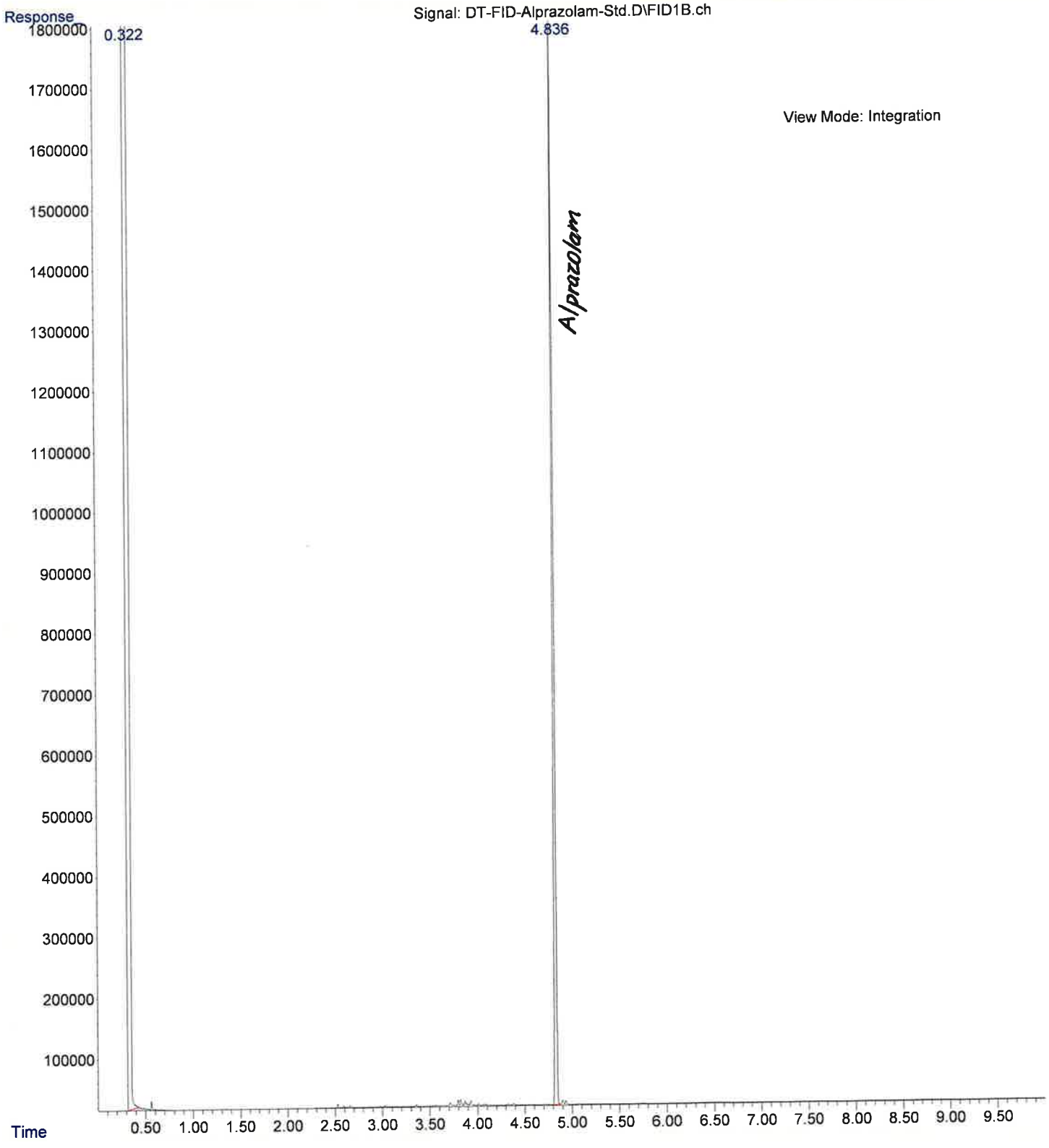




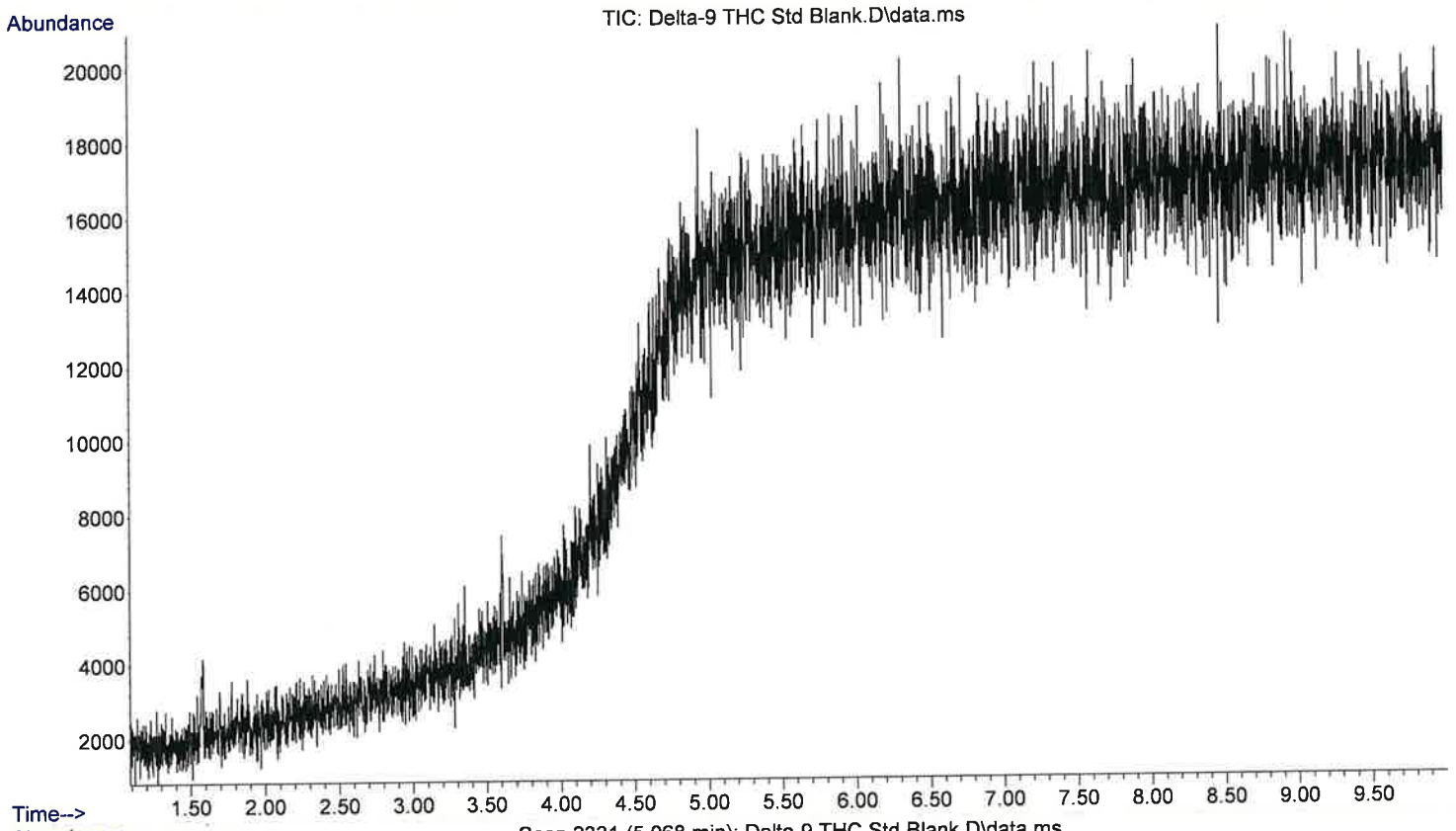
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Acquired : 12 May 2025 20:00 using AcqMethod DTDRUGS100.M
Sample Name: Alprazolam Std Blank
Misc Info : Meoh

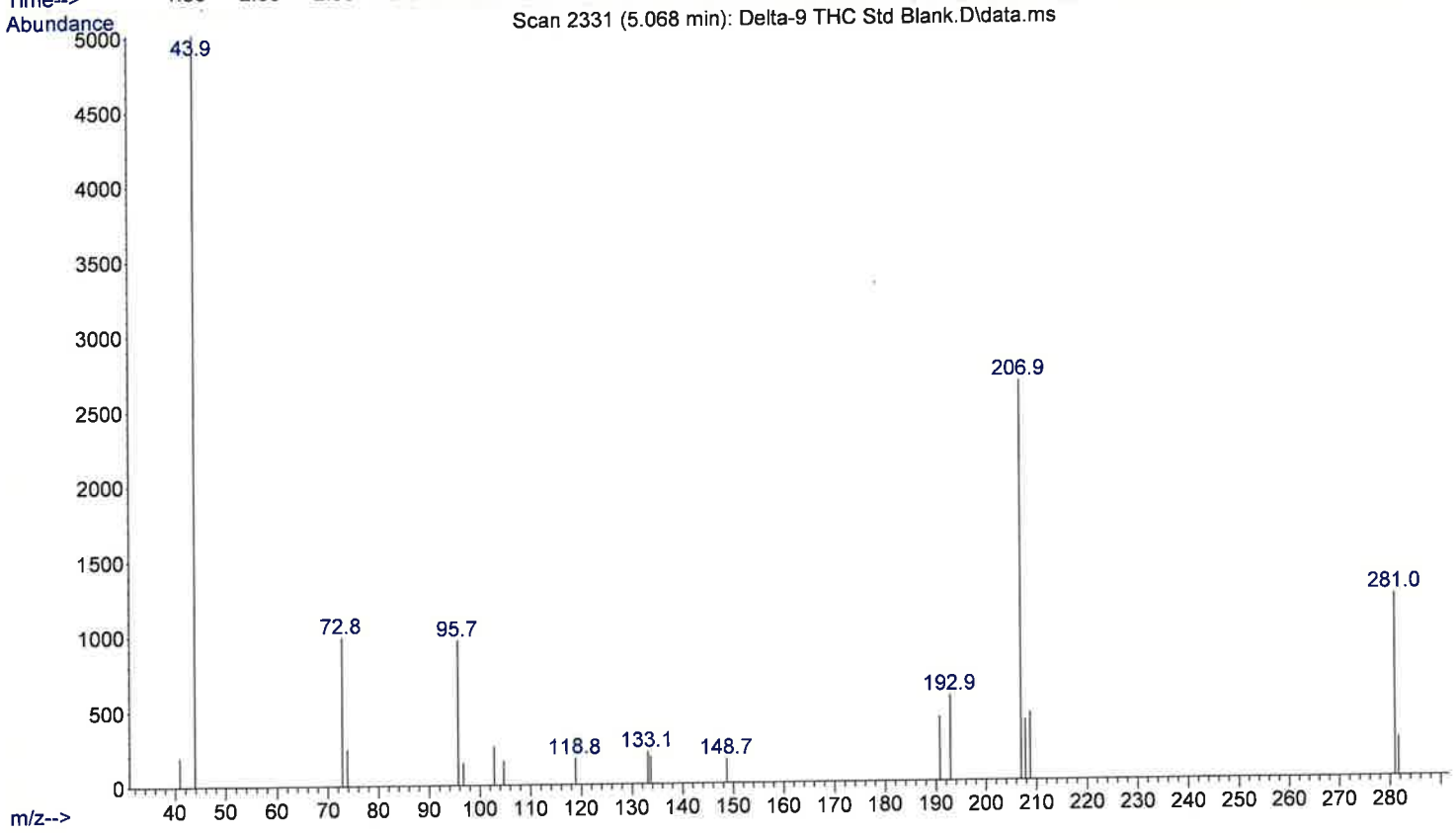


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Operator : IS
Instrument : Quincy
Acquired : 12 May 2025 20:13 using AcqMethod DTDRUGS100.M
Sample Name: Alprazolam Std
Misc Info : Meoh,Cerilliant,LotFE050032221,Exp01-31-28



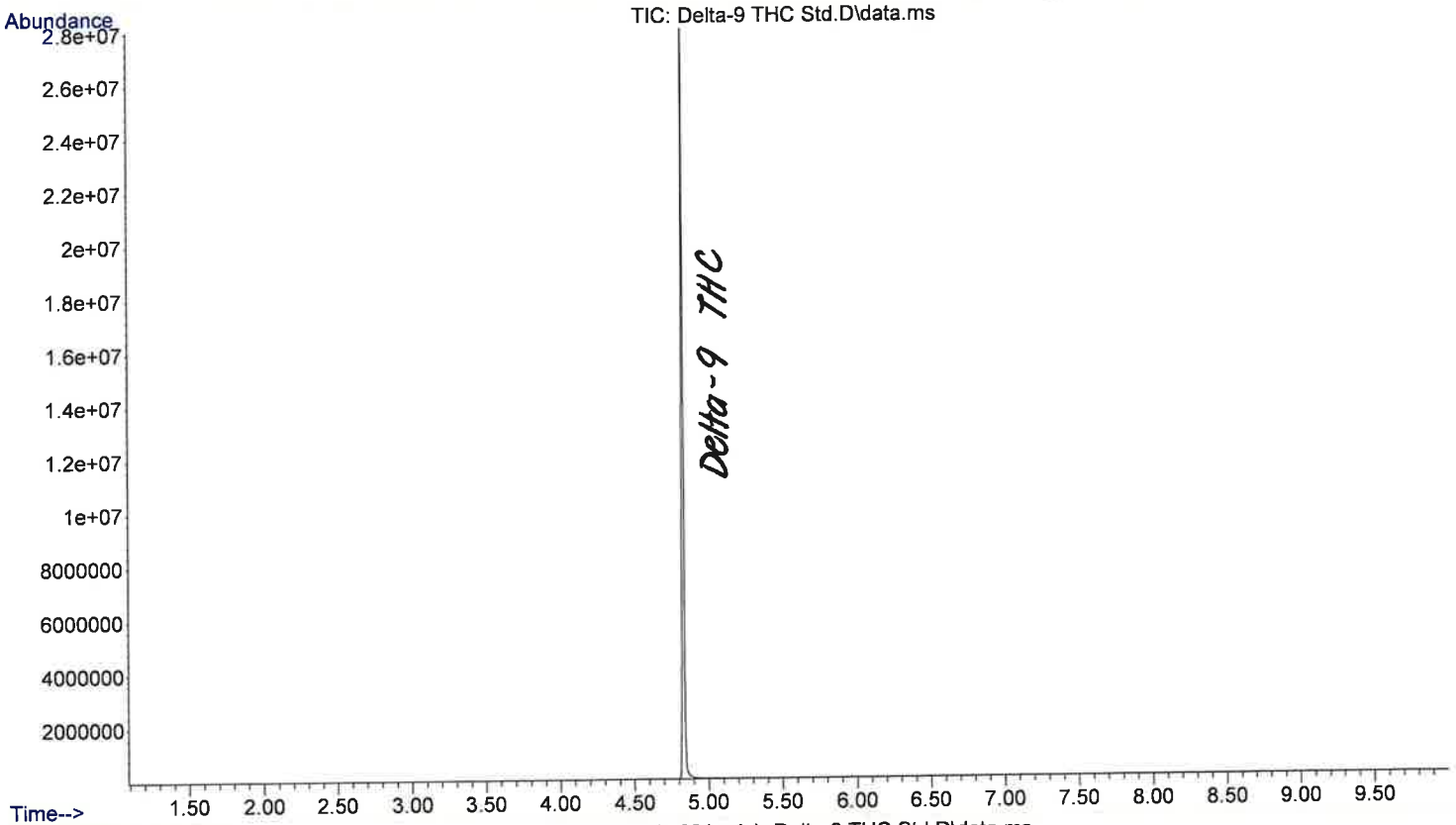
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Instrument : Quincy
Acquired : 12 May 2025 14:35 using AcqMethod ASMSDRUGS100.M
Sample Name: Delta-9 THC Std Blank
Misc Info : Meoh

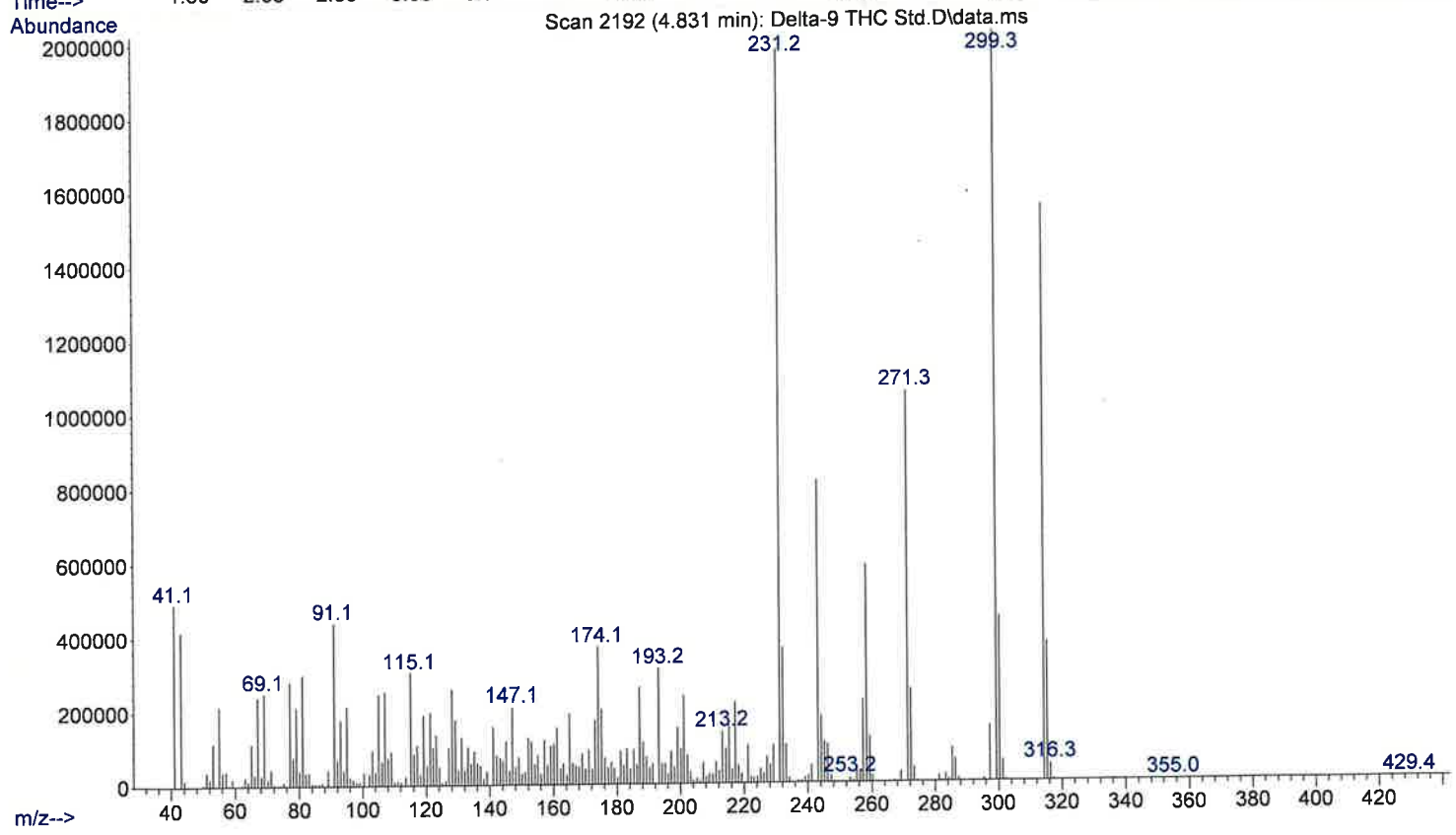




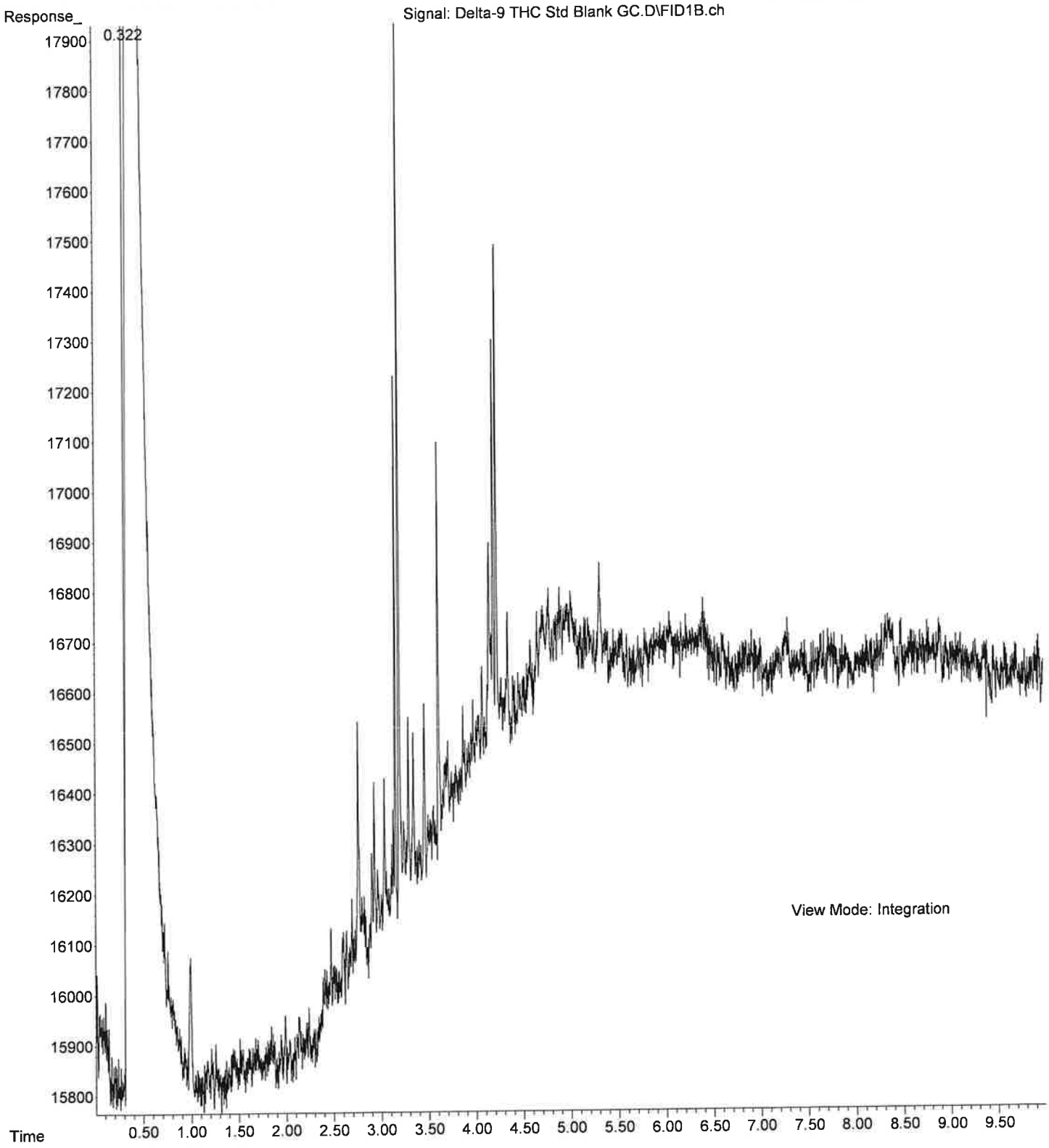
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Operator : IS
Instrument : Quincy
Acquired : 12 May 2025 14:48 using AcqMethod ASMSDRUGS100.M
Sample Name: Delta-9 THC Std
Misc Info : Meoh,Cerilliant,LotFE06212201,Exp10-31-27

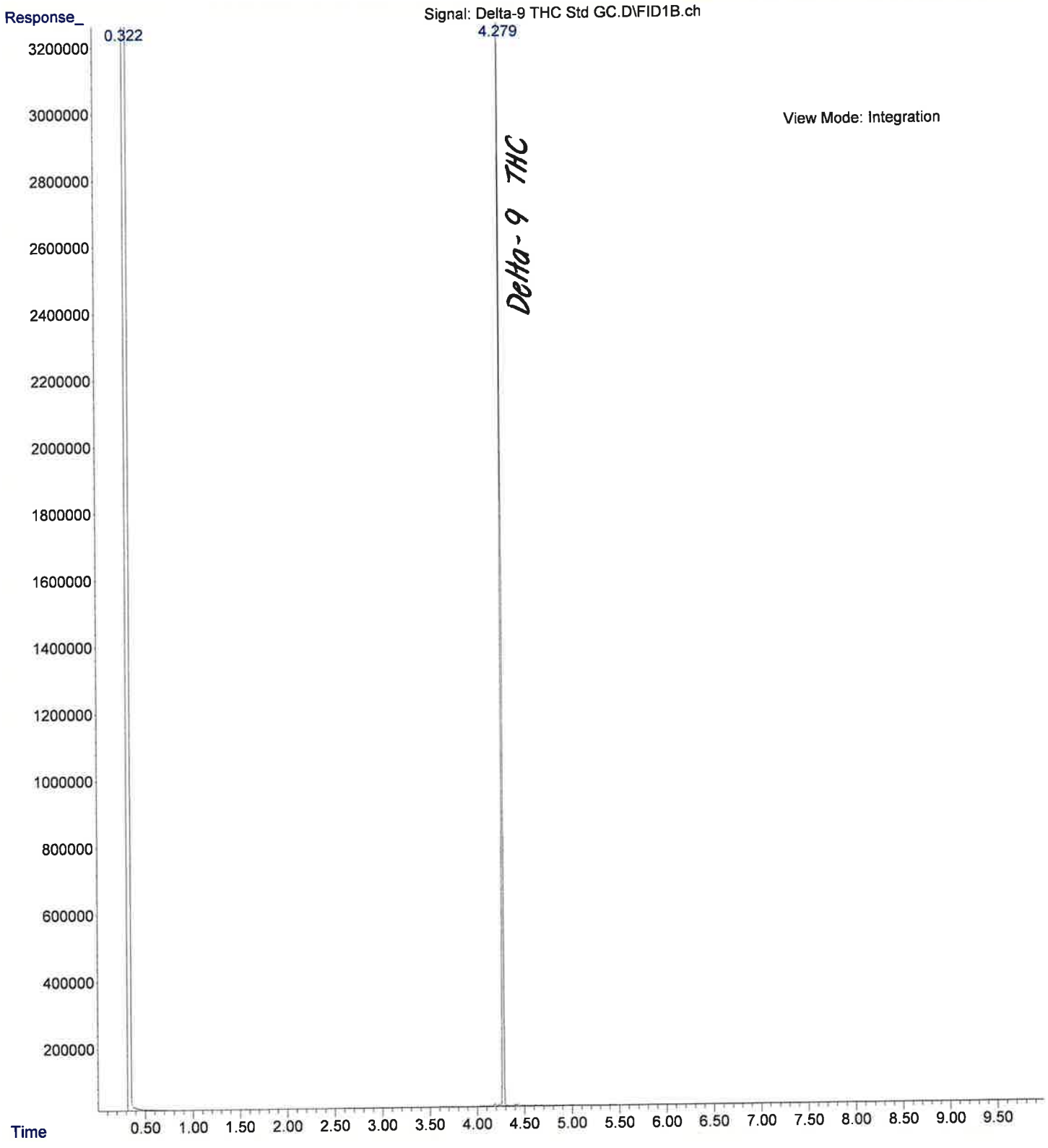




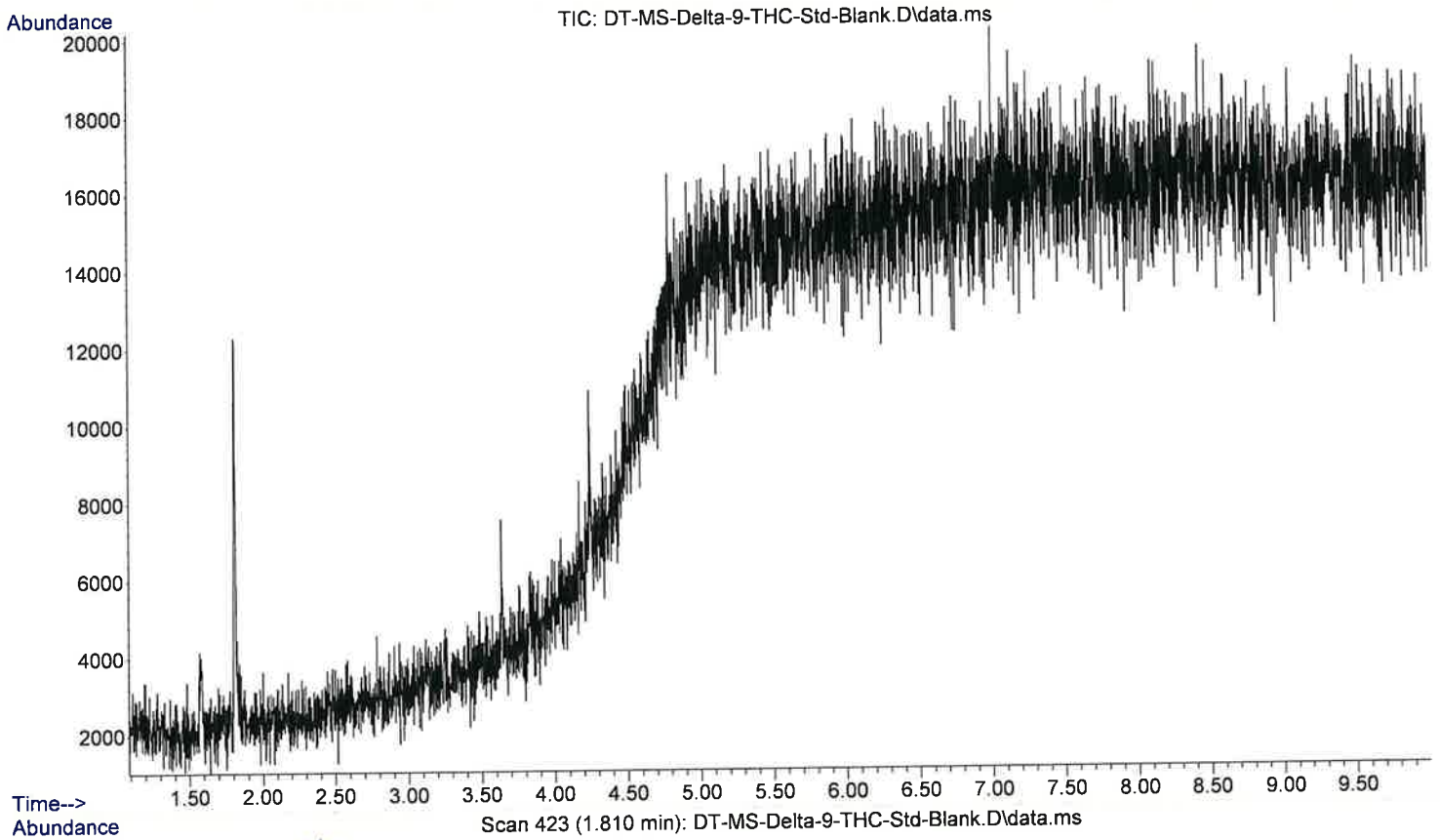
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Sample Name: Delta-9 THC Std Blank GC
Misc Info : Meoh

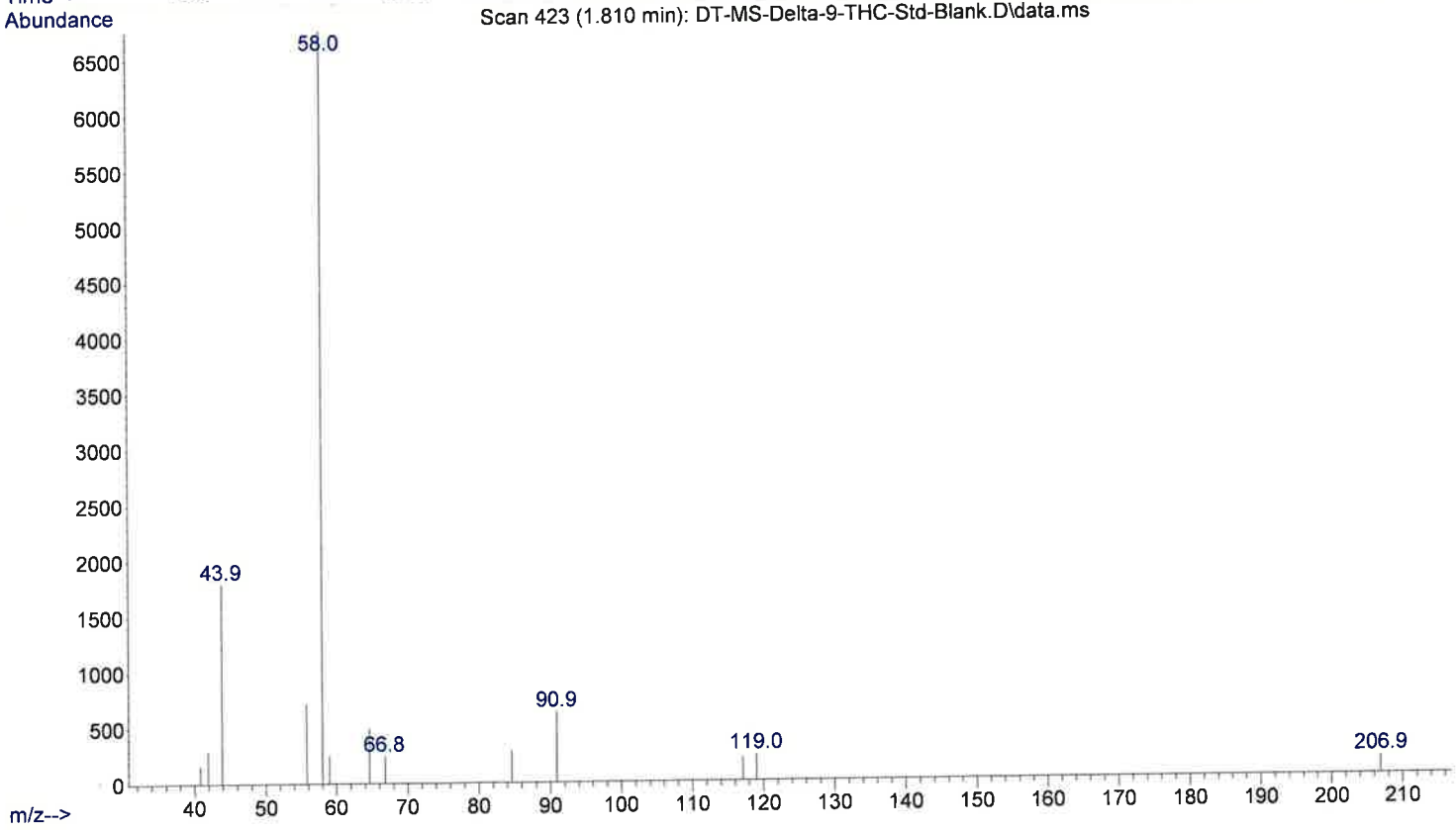


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Instrument : Quincy
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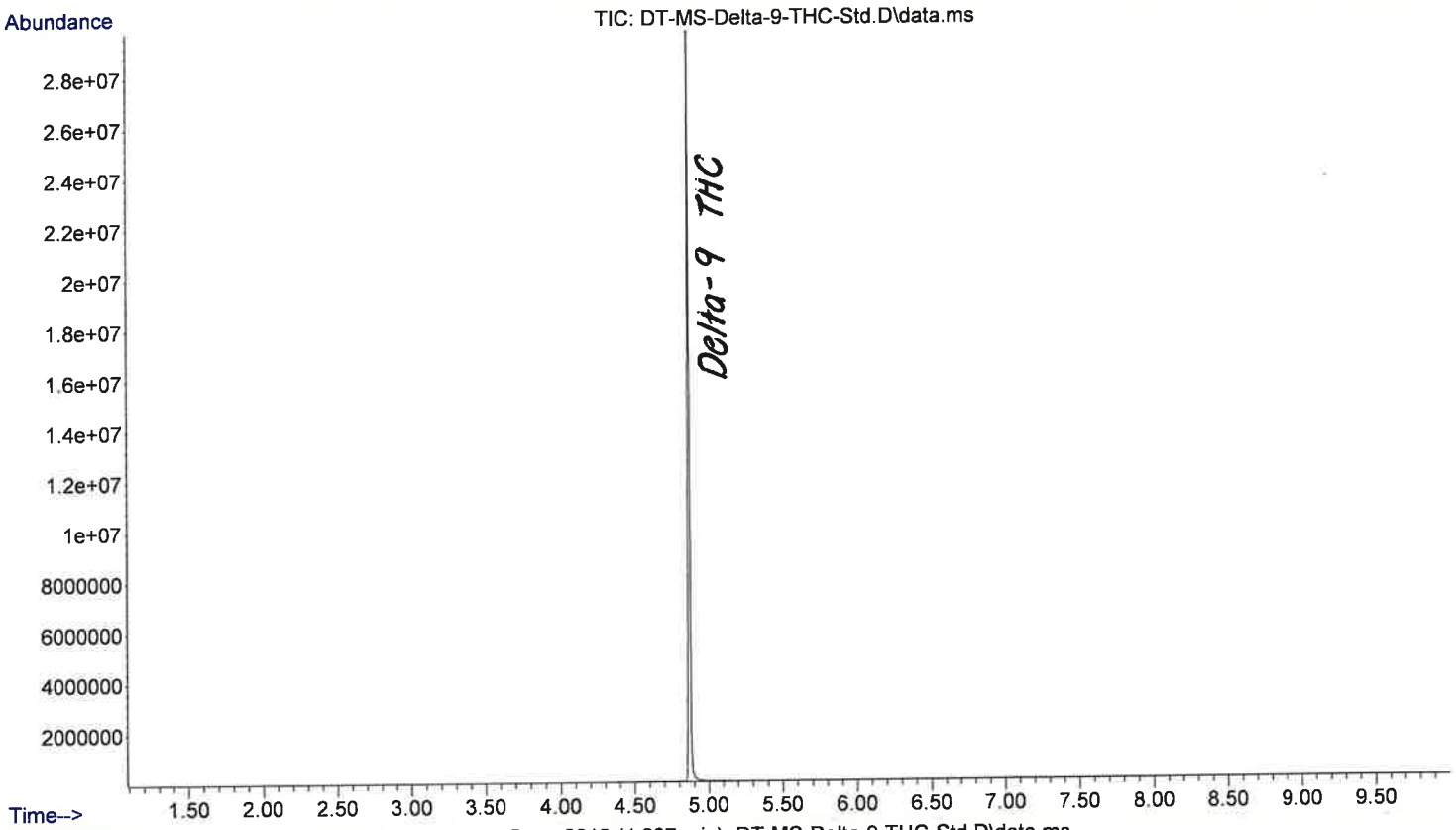


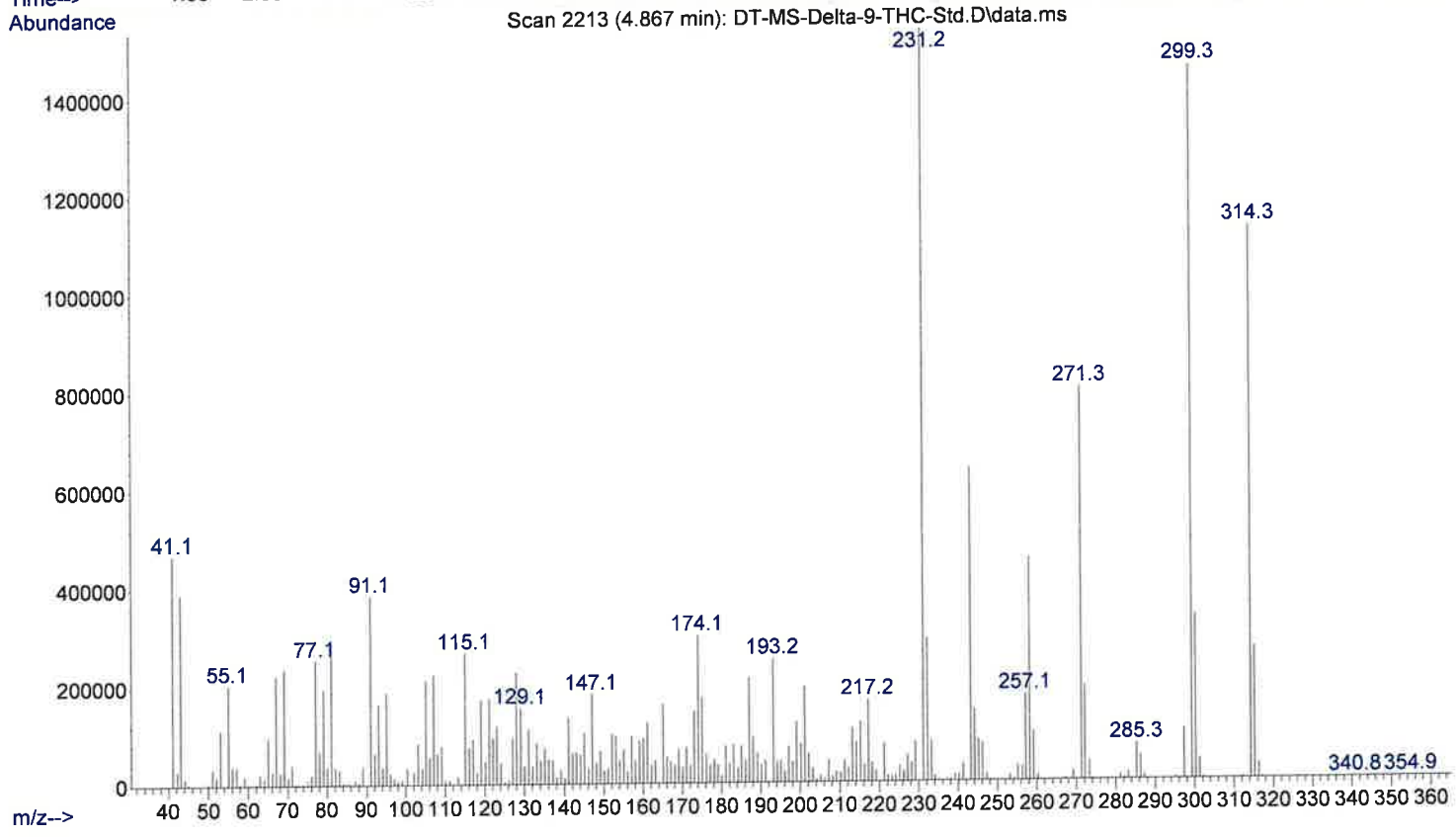
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Instrument : Quincy
Acquired : 12 May 2025 20:26 using AcqMethod DTDRUGS100.M
Sample Name: Delta-9 THC Std Blank
Misc Info : Meoh



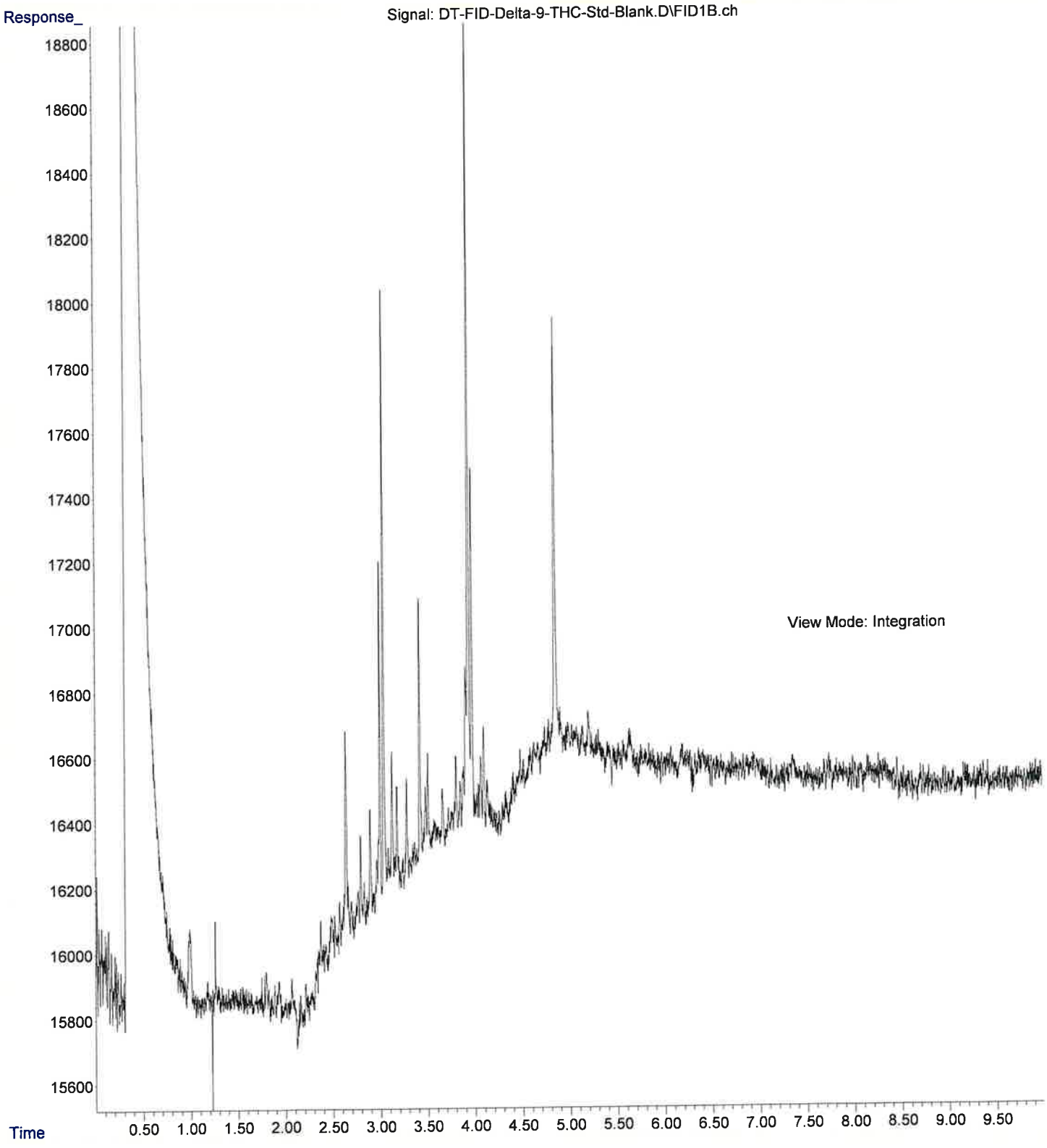


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Instrument : Quincy
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Sample Name: Delta-9 THC Std
Misc Info : Meoh,Cerilliant,LotFE06212201,Exp10-31-27

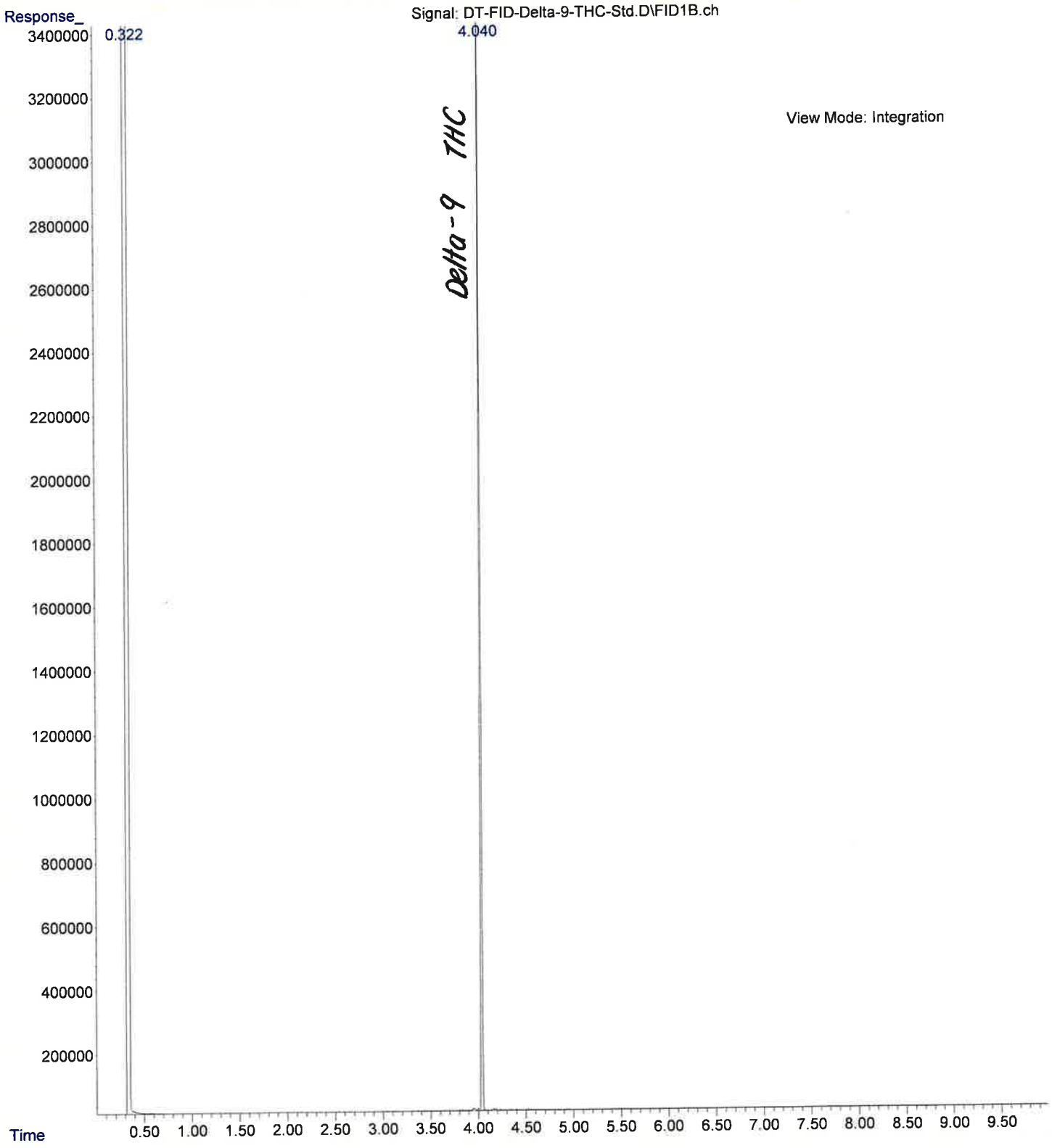




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Sample Name: Delta-9 THC Std Blank
Misc Info : Meoh



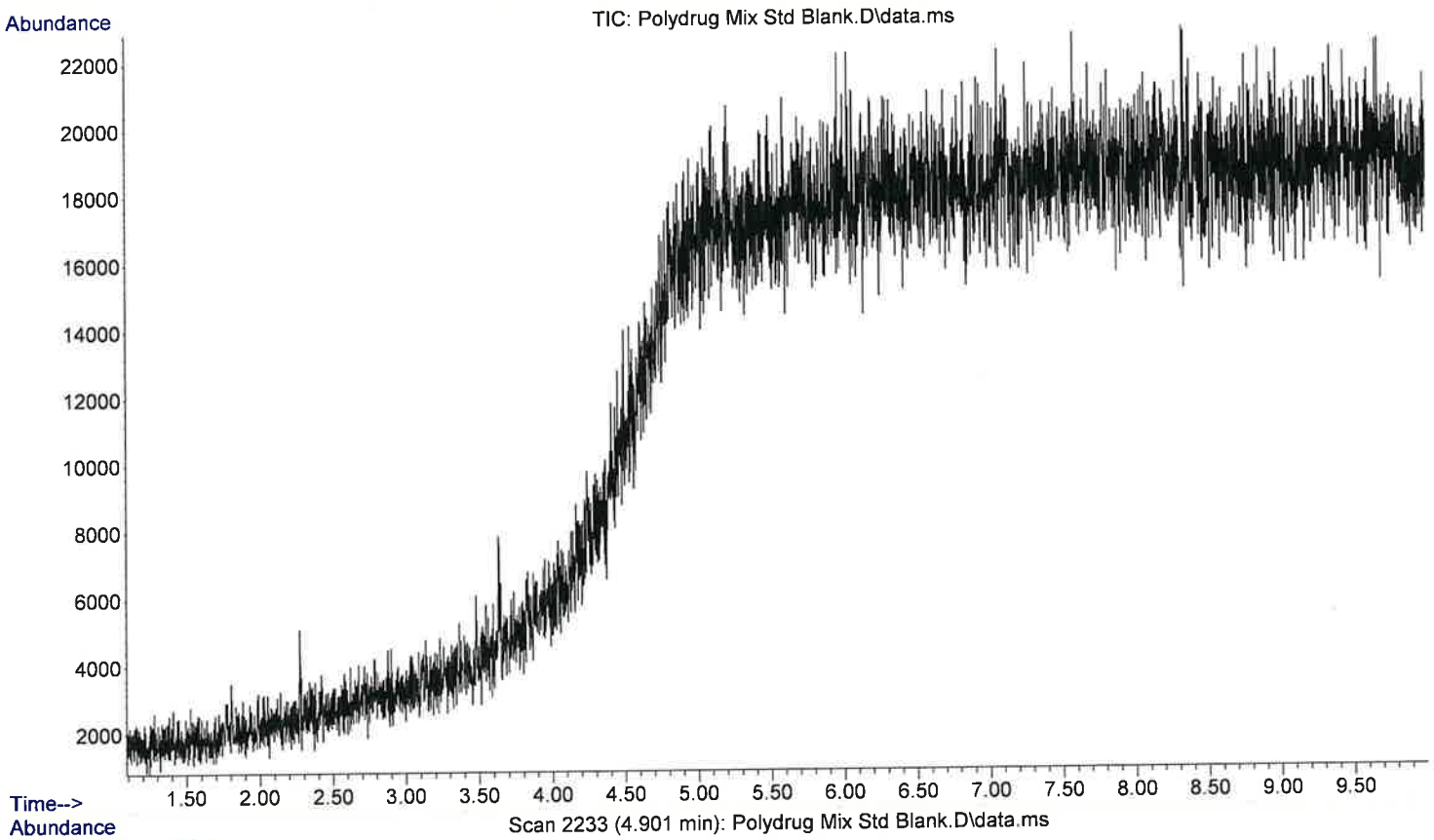
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Instrument : Quincy
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Sample Name: Delta-9 THC Std
Misc Info : Meoh,Cerilliant,LotFE06212201,Exp10-31-27

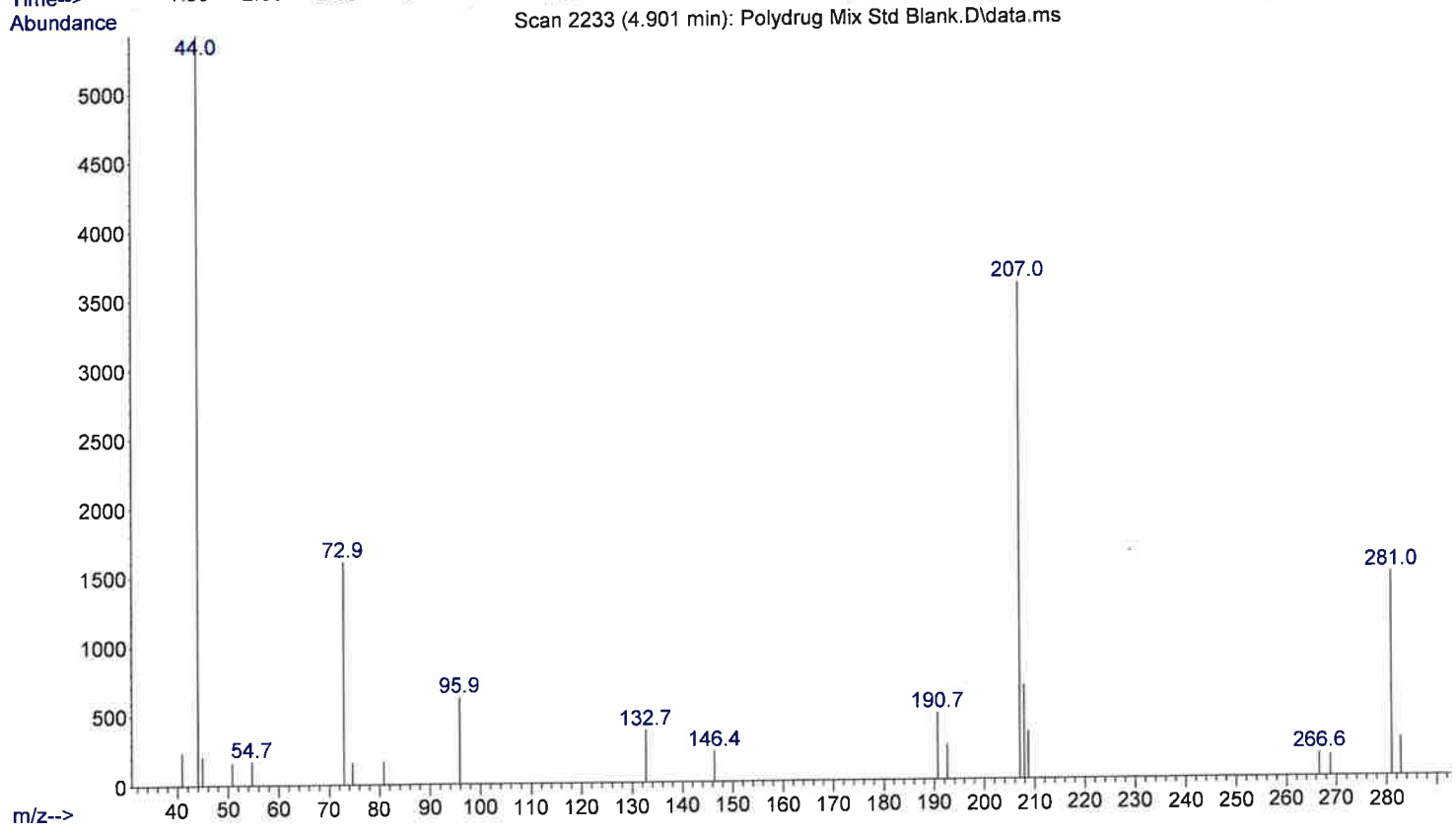


Dual Tower Injection on 5-28-25

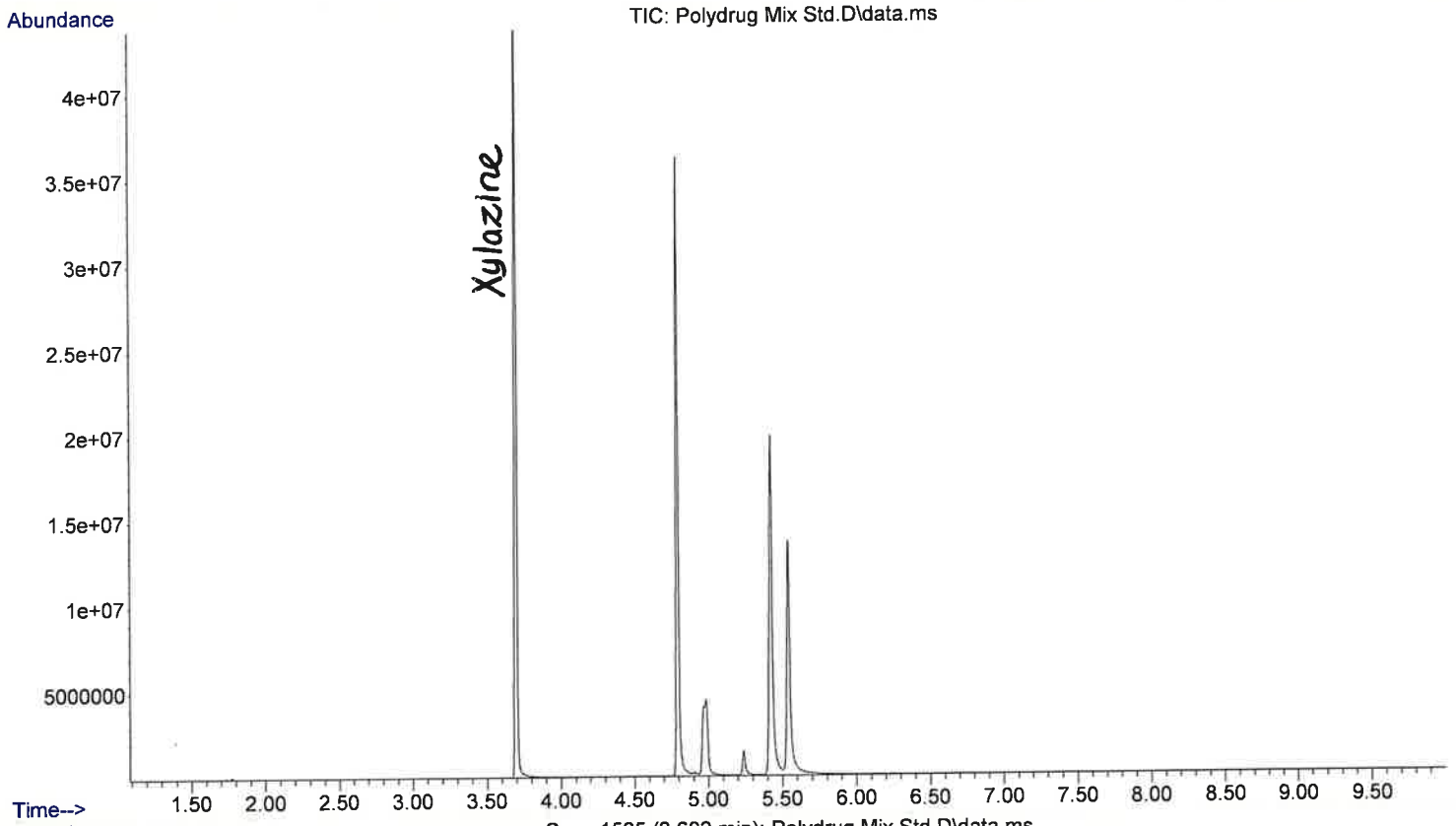
Polydrug Mix:	DTDRUGS10(	2%	(-)	(+)	ASGC100	
Xylazine	**3.228**	0.06456	3.16344	3.29256	**3.215**	
4-ANPP	**4.272**	0.08544	4.18656	4.35744	**4.245**	
Heroin	**4.621**	0.09242	4.52858	4.71342	**4.591**	
Para-fluorofentanyl	**4.754**	0.09508	4.65892	4.84908	**4.725**	
Fentanyl	**4.829**	0.09658	4.73242	4.92558	**4.798**	
	6/3/2025				**6/3/2025**	
Methamphetamine	**1.25**	0.025	1.225	1.275	**1.248**	
GCMS Calibration Mix:						
Pethidine	**2.793**	0.05586	2.73714	2.84886	**2.831**	
Cocaine	**3.736**	0.07472	3.66128	3.81072	**3.831**	Outside of Range
Hydrocodone	**4.225**	0.0845	4.1405	4.3095	**4.35**	Outside of Range
Alprazolam	**5.367**	0.10734	5.25966	5.47434	**5.516**	Outside of Range
Delta-9-THC	**4.317**	0.08634	4.23066	4.40334	**4.325**	

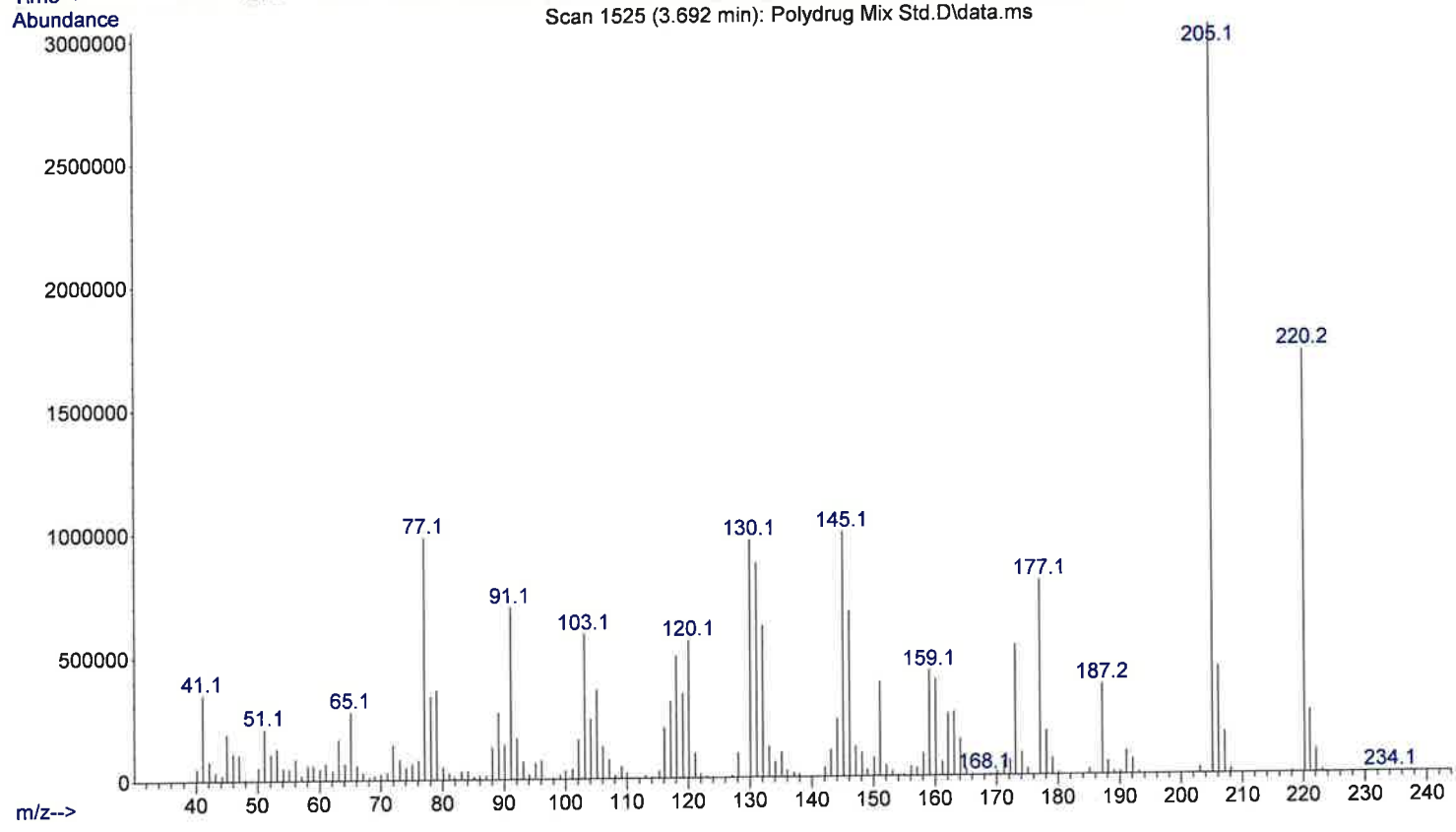
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Acquired : 28 May 2025 14:22 using AcqMethod ASMSDRUGS100.M
Sample Name: Polydrug Mix Std Blank
Misc Info : Meoh



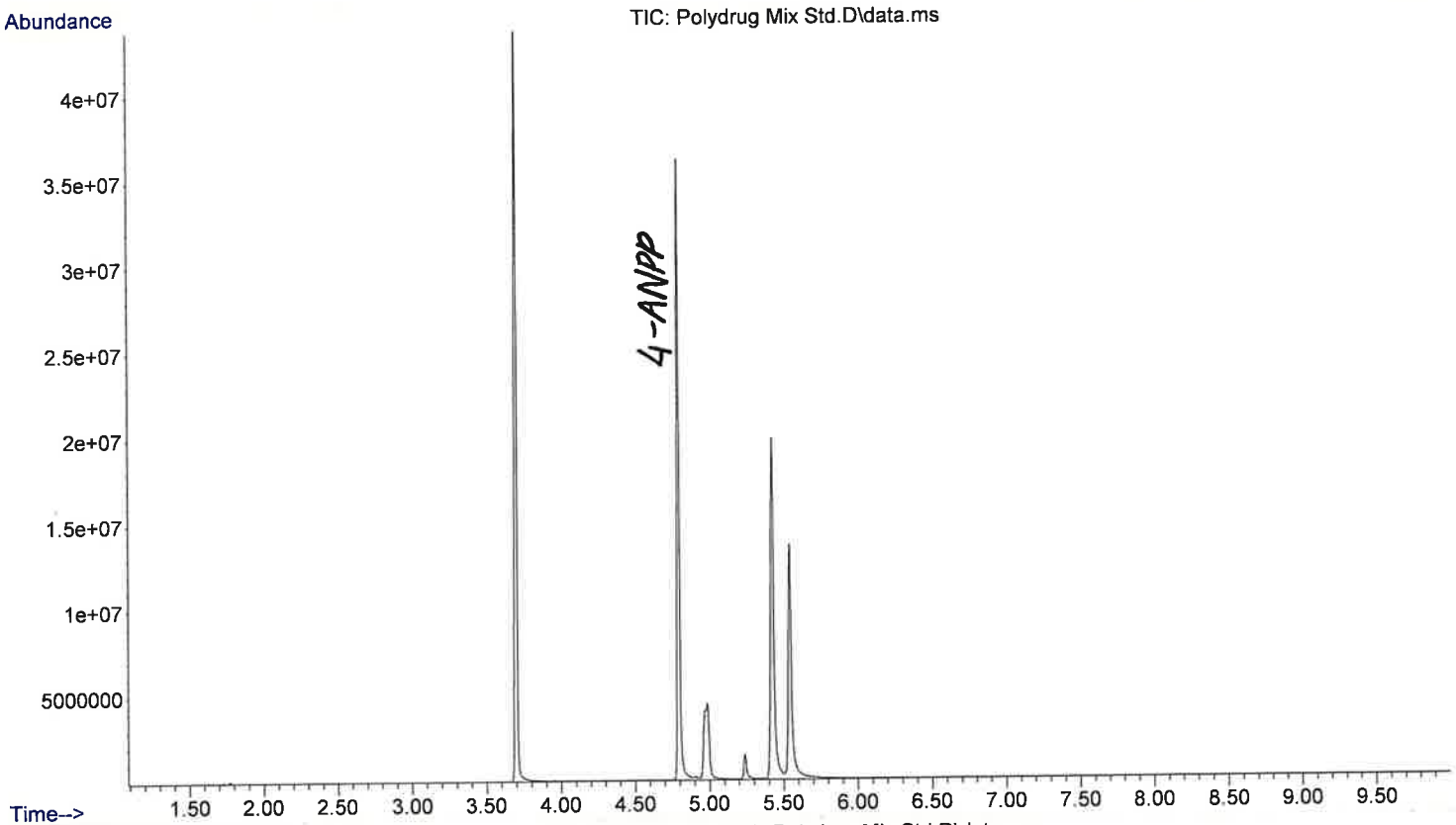


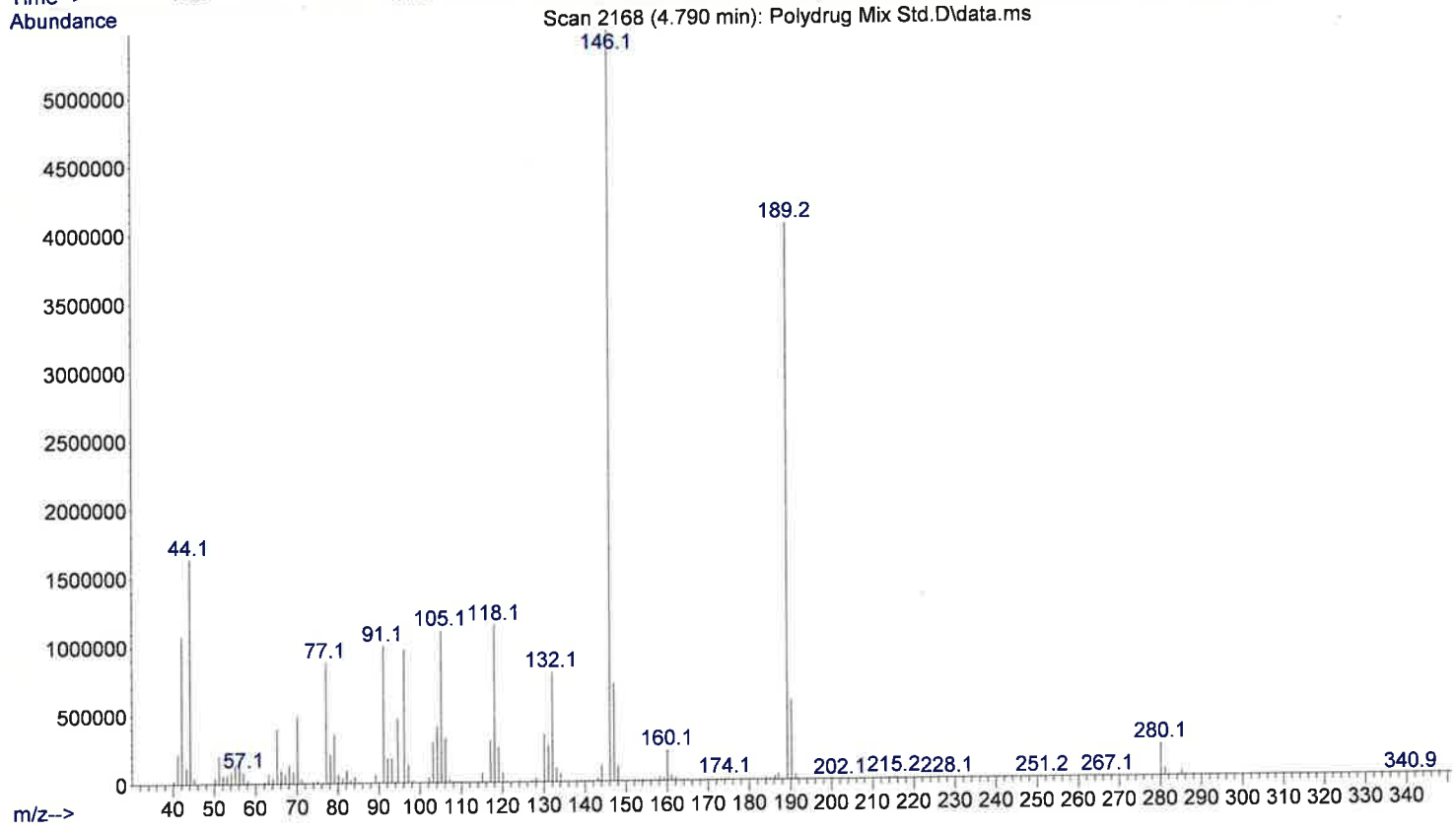
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Instrument : Quincy
Acquired : 28 May 2025 14:35 using AcqMethod ASMSDRUGS100.M
Sample Name: Polydrug Mix Std
Misc Info : Meoh,Exp 12-11-25



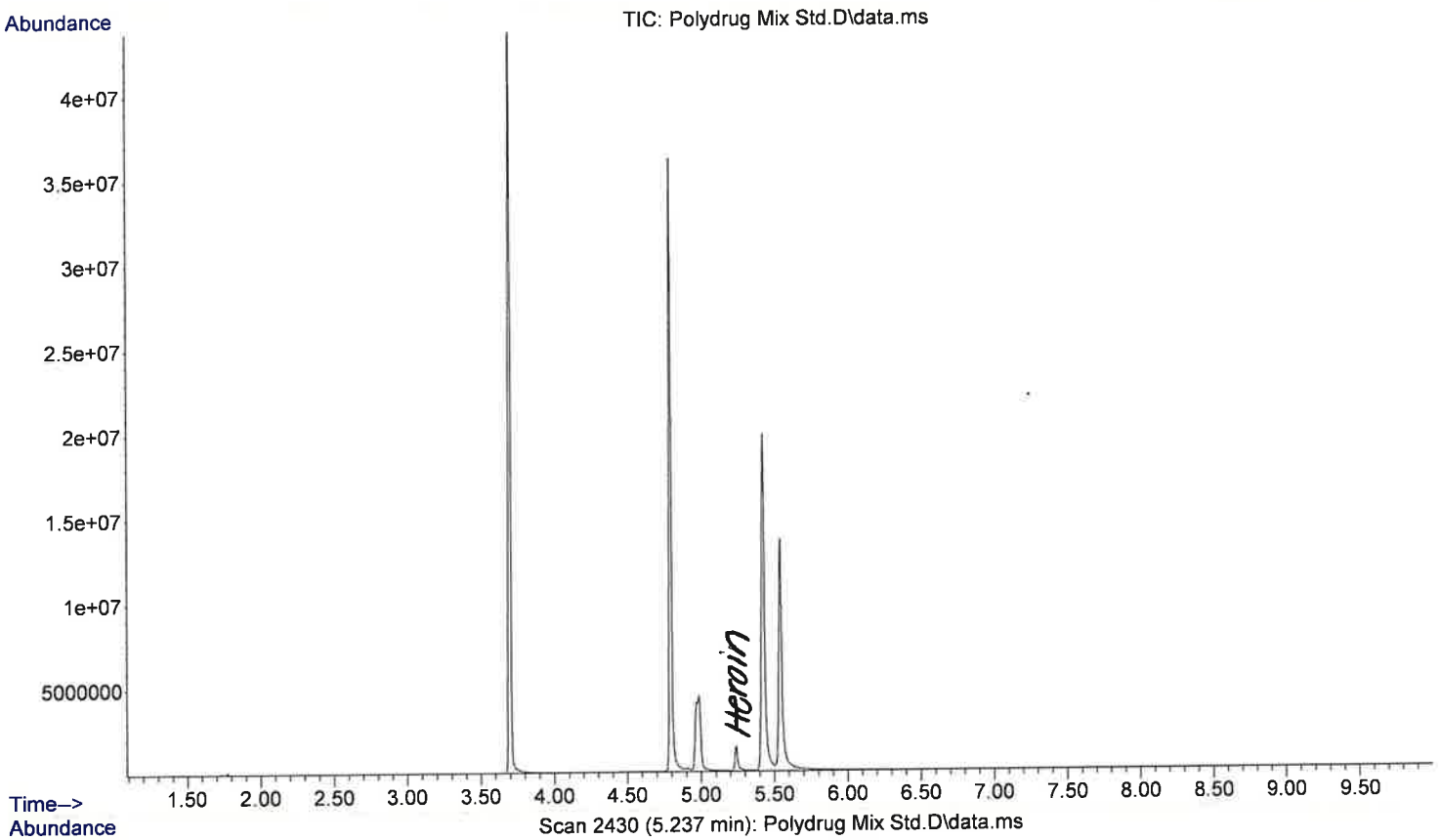


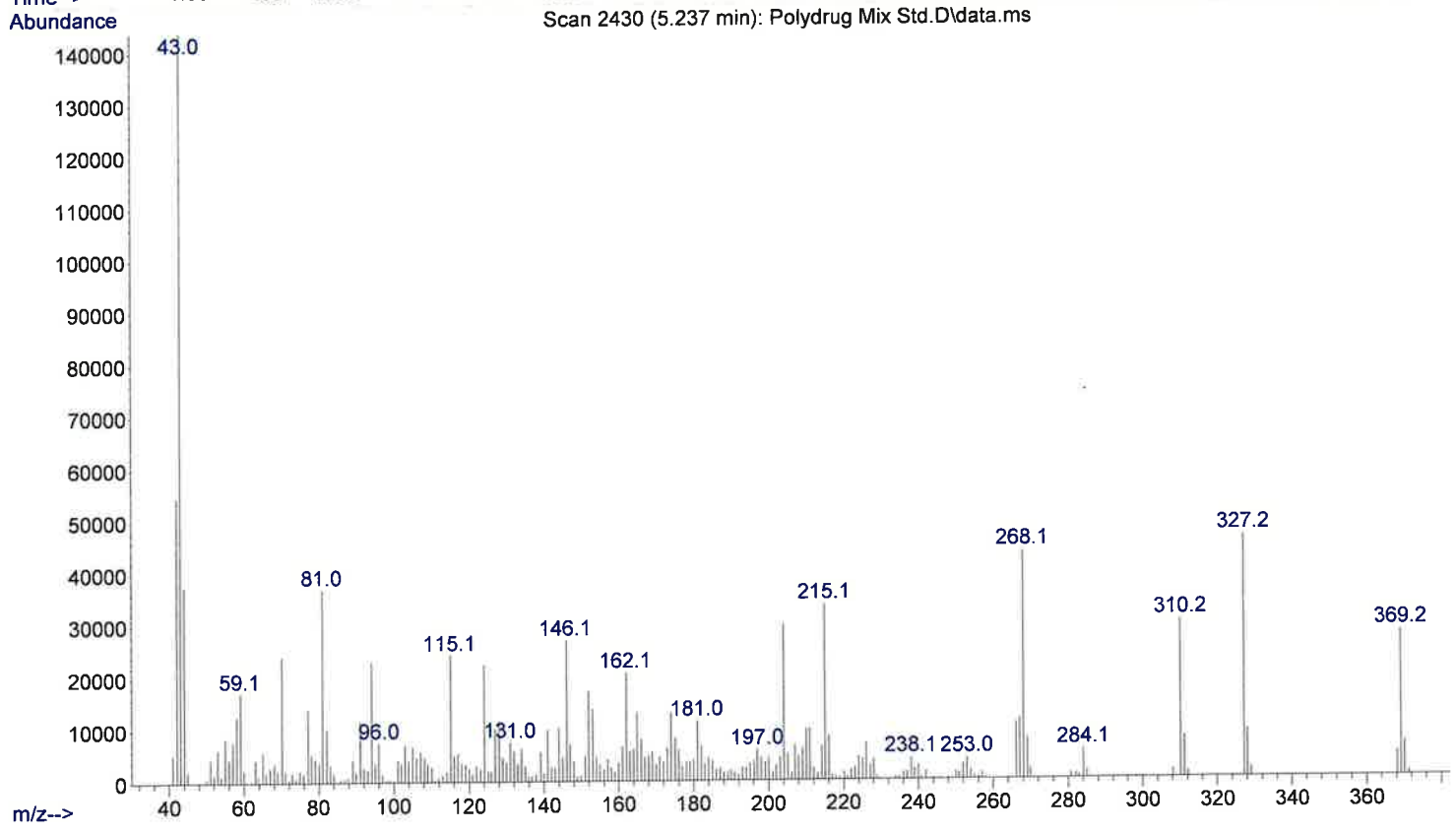
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Sample Name: Polydrug Mix Std
Misc Info : Meoh,Exp 12-11-25



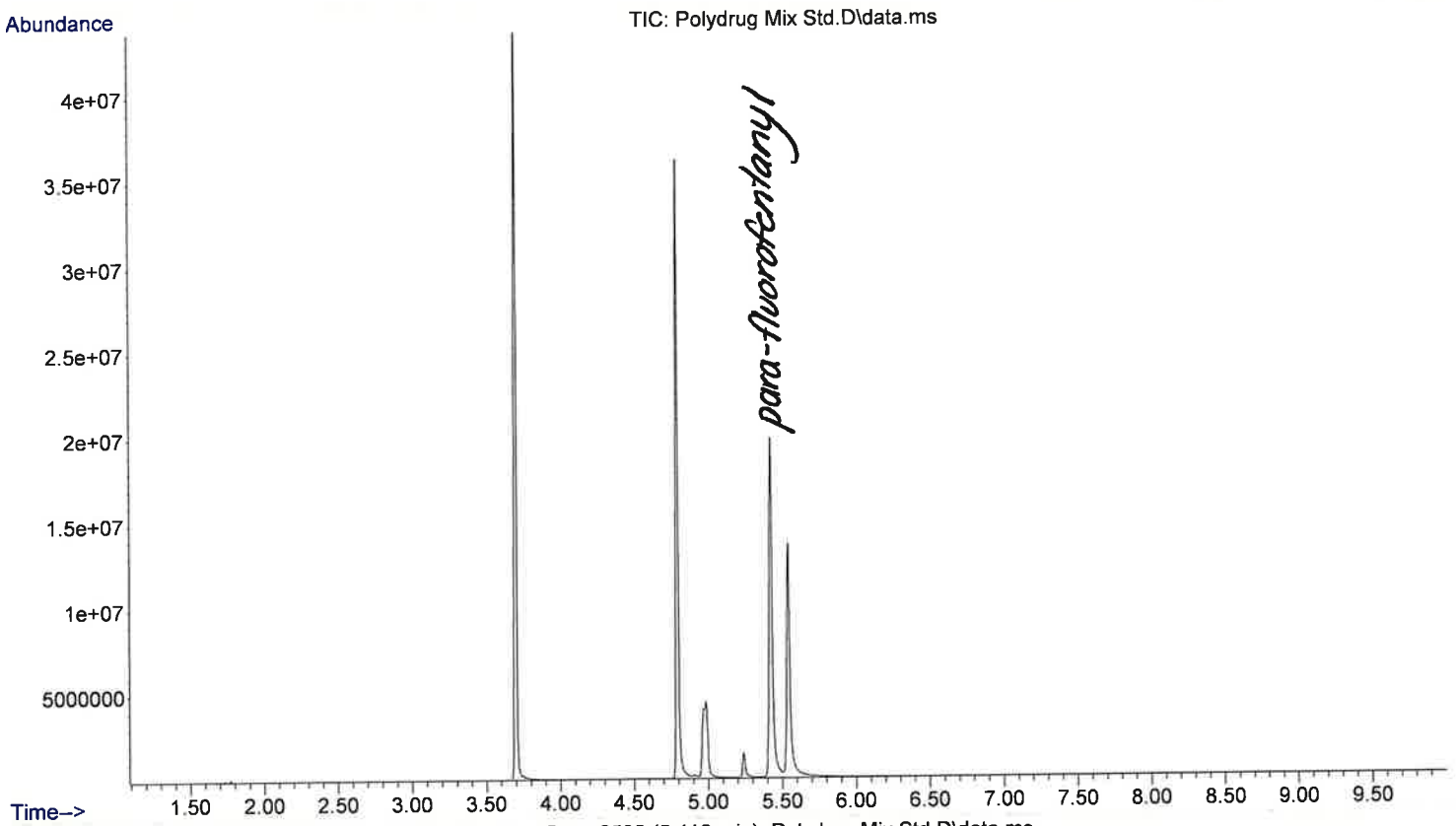


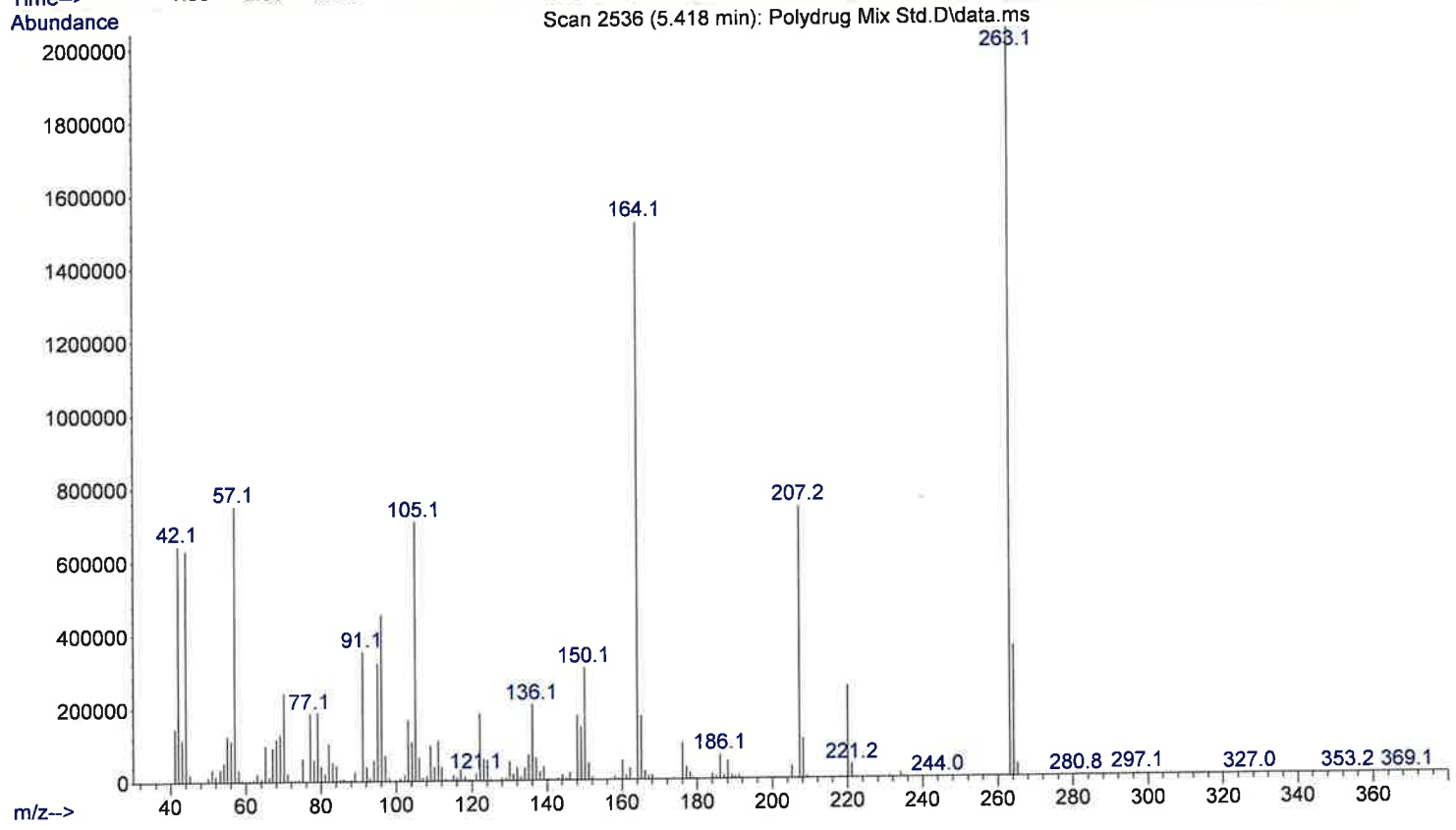
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Sample Name: Polydrug Mix Std
Misc Info : Meoh,Exp 12-11-25



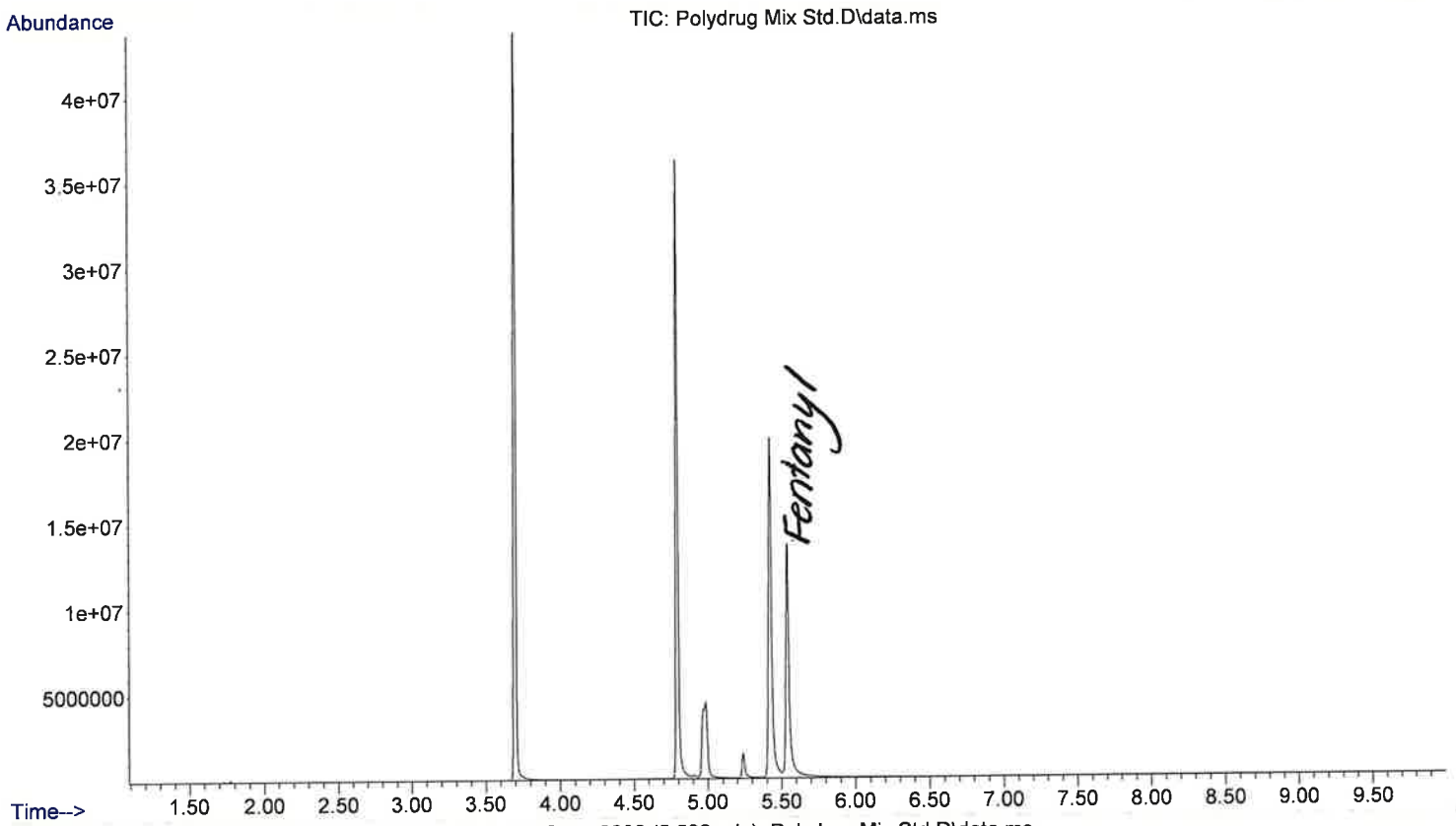


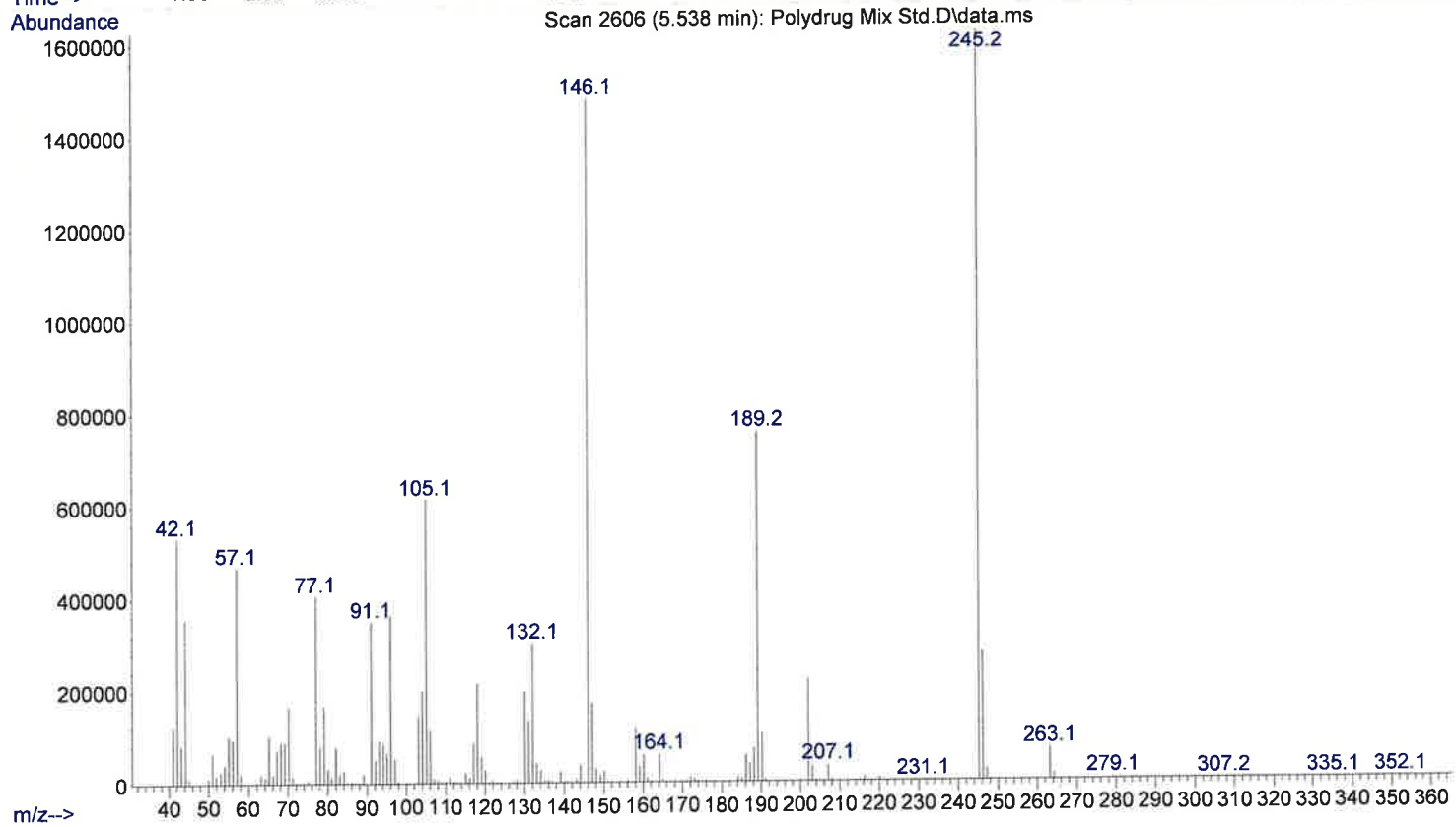
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Operator : IS
Instrument : Quincy
Acquired : 28 May 2025 14:35 using AcqMethod ASMSDRUGS100.M
Sample Name: Polydrug Mix Std
Misc Info : Meoh,Exp 12-11-25





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Misc Info : Meoh,Exp 12-11-25

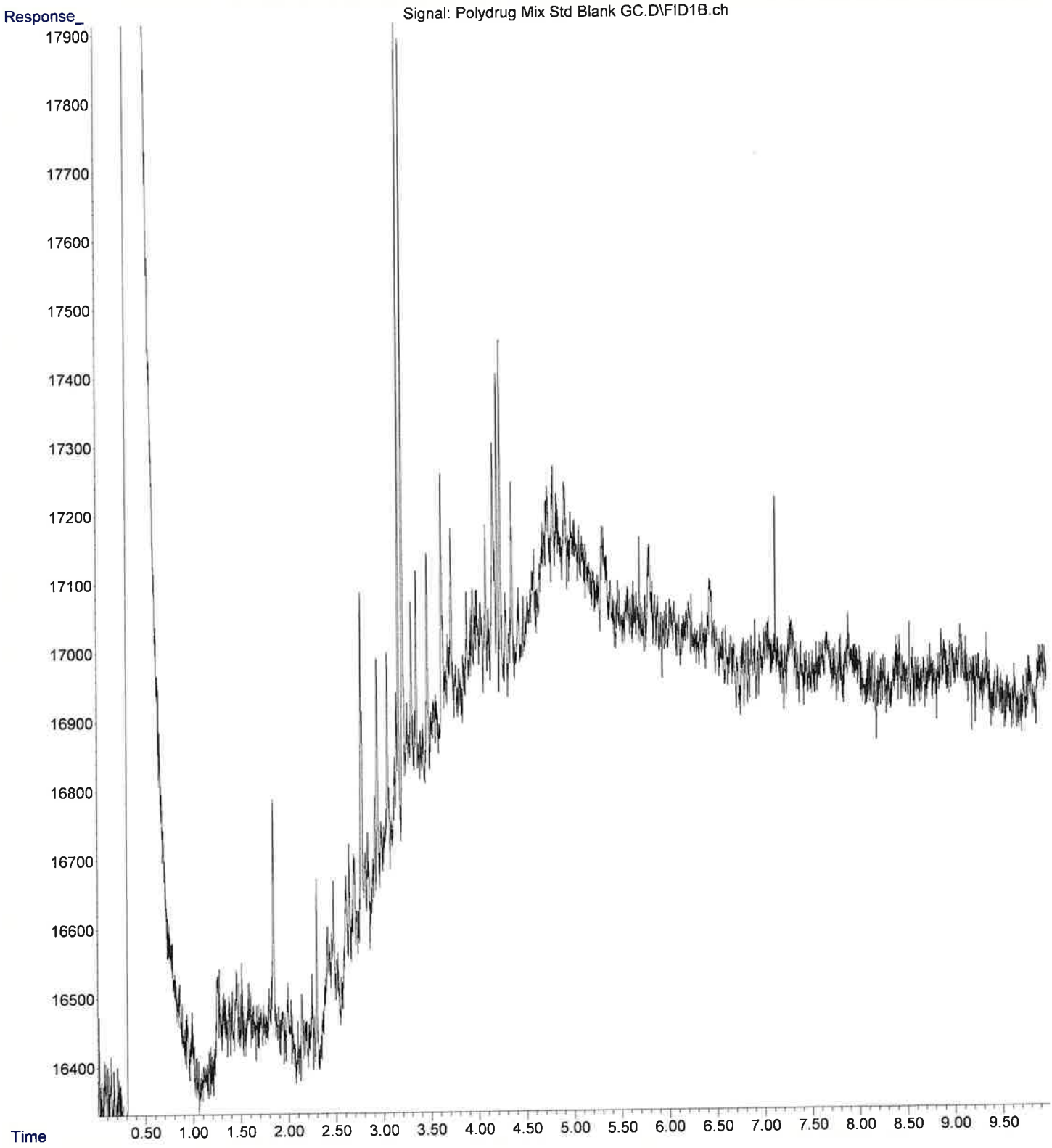




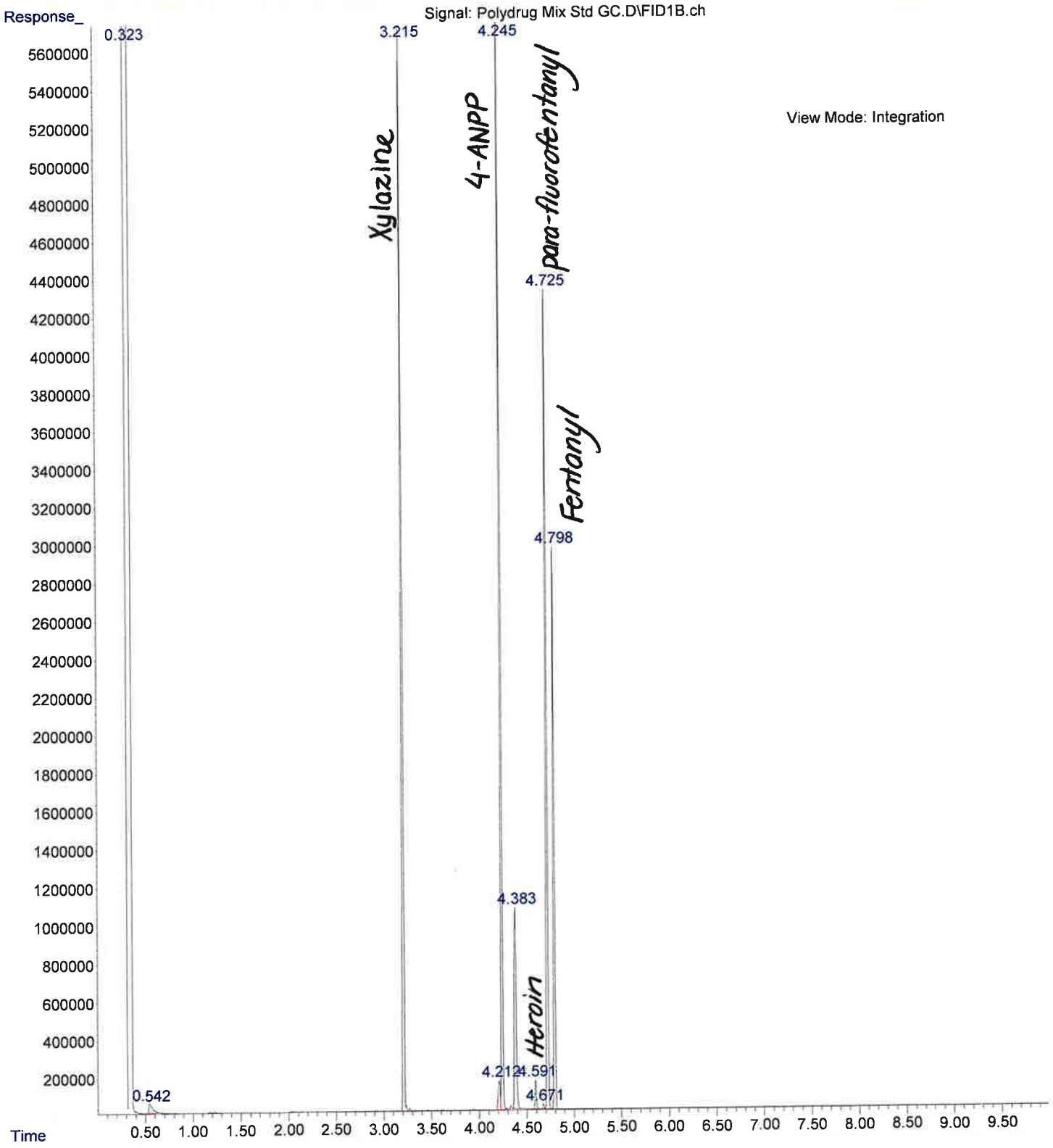
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NCSD

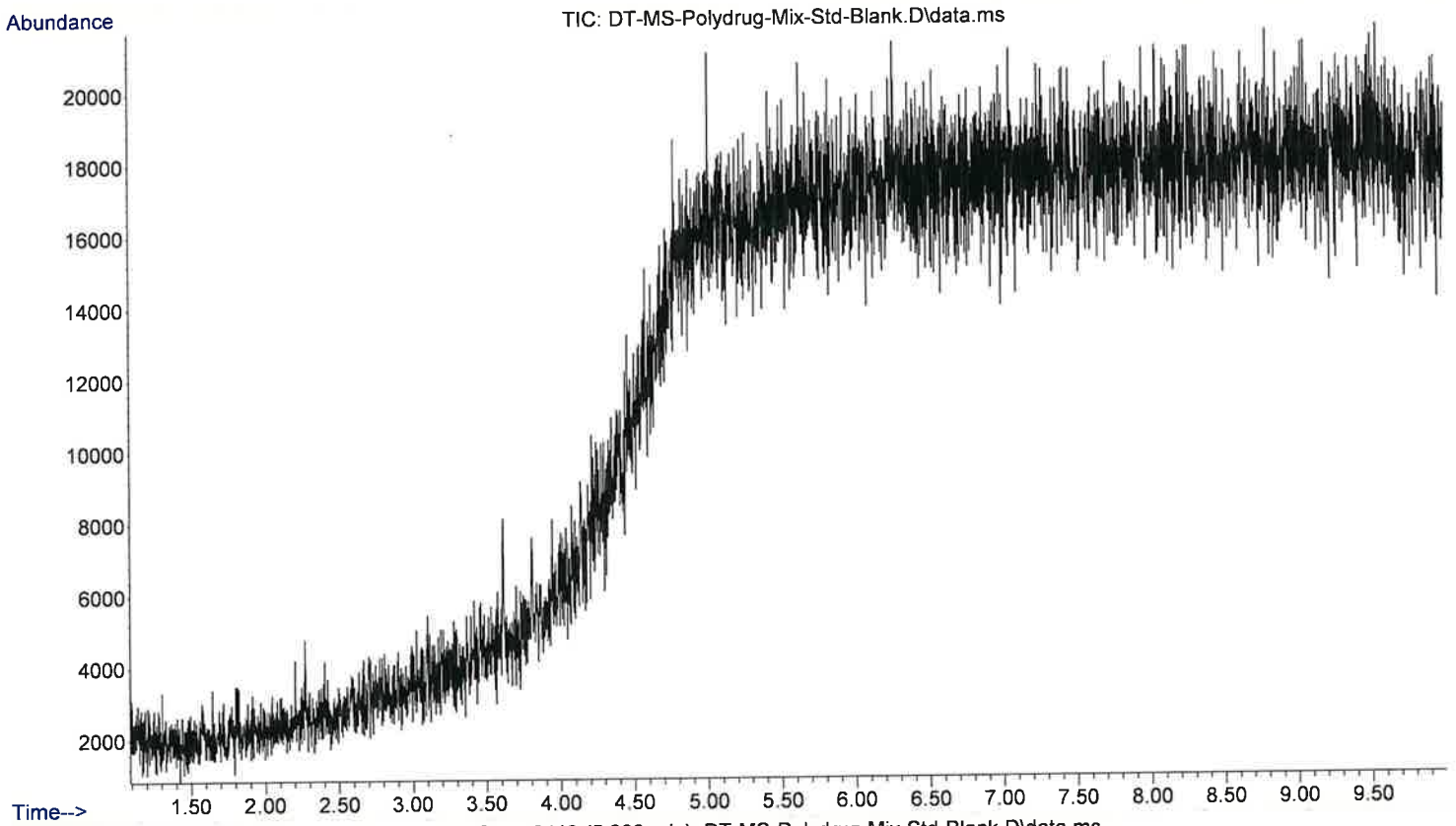


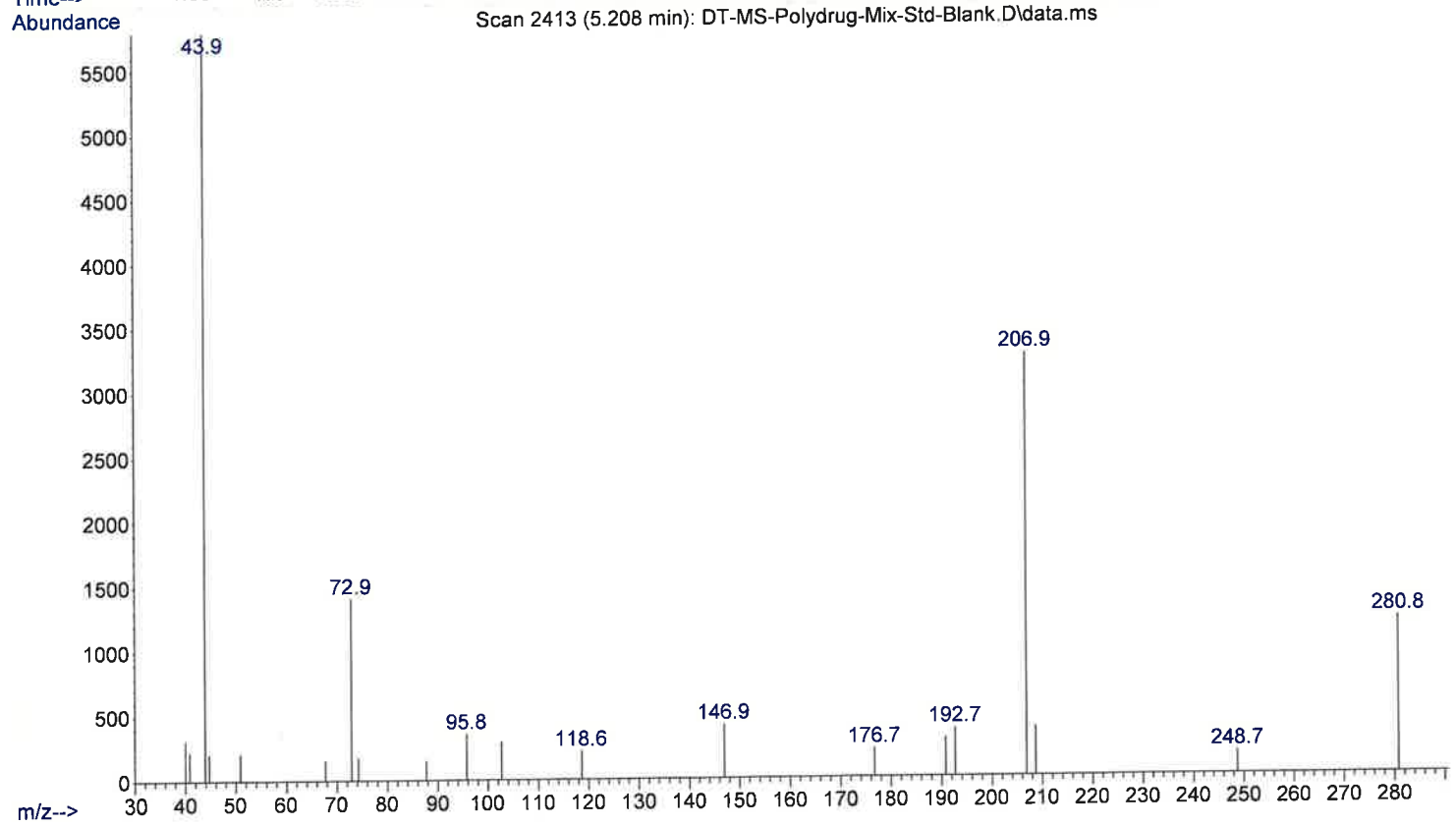
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Instrument :   Quincy
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Sample Name: Polydrug Mix Std GC
Misc Info  : Meoh,Exp 12-11-25
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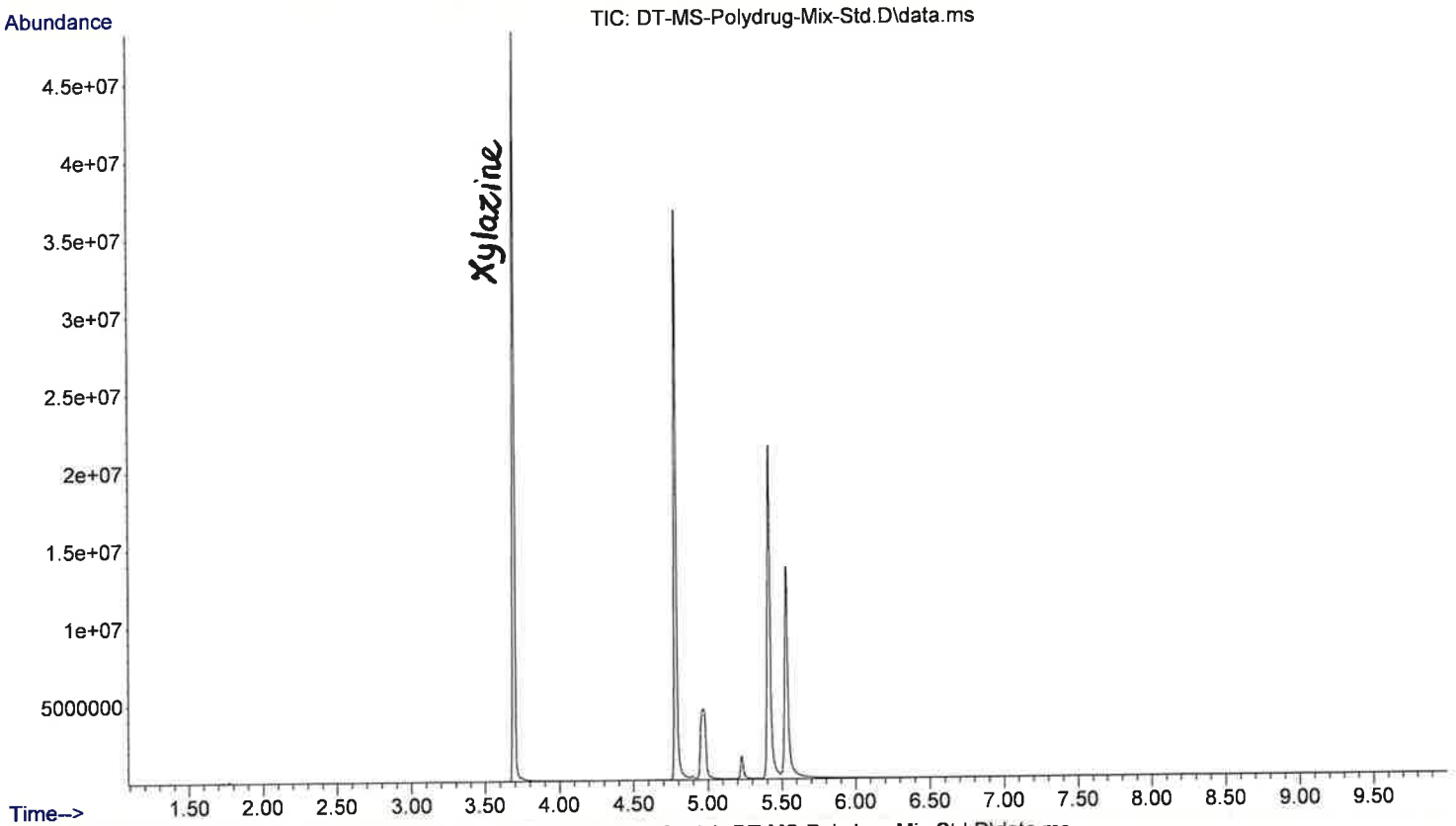
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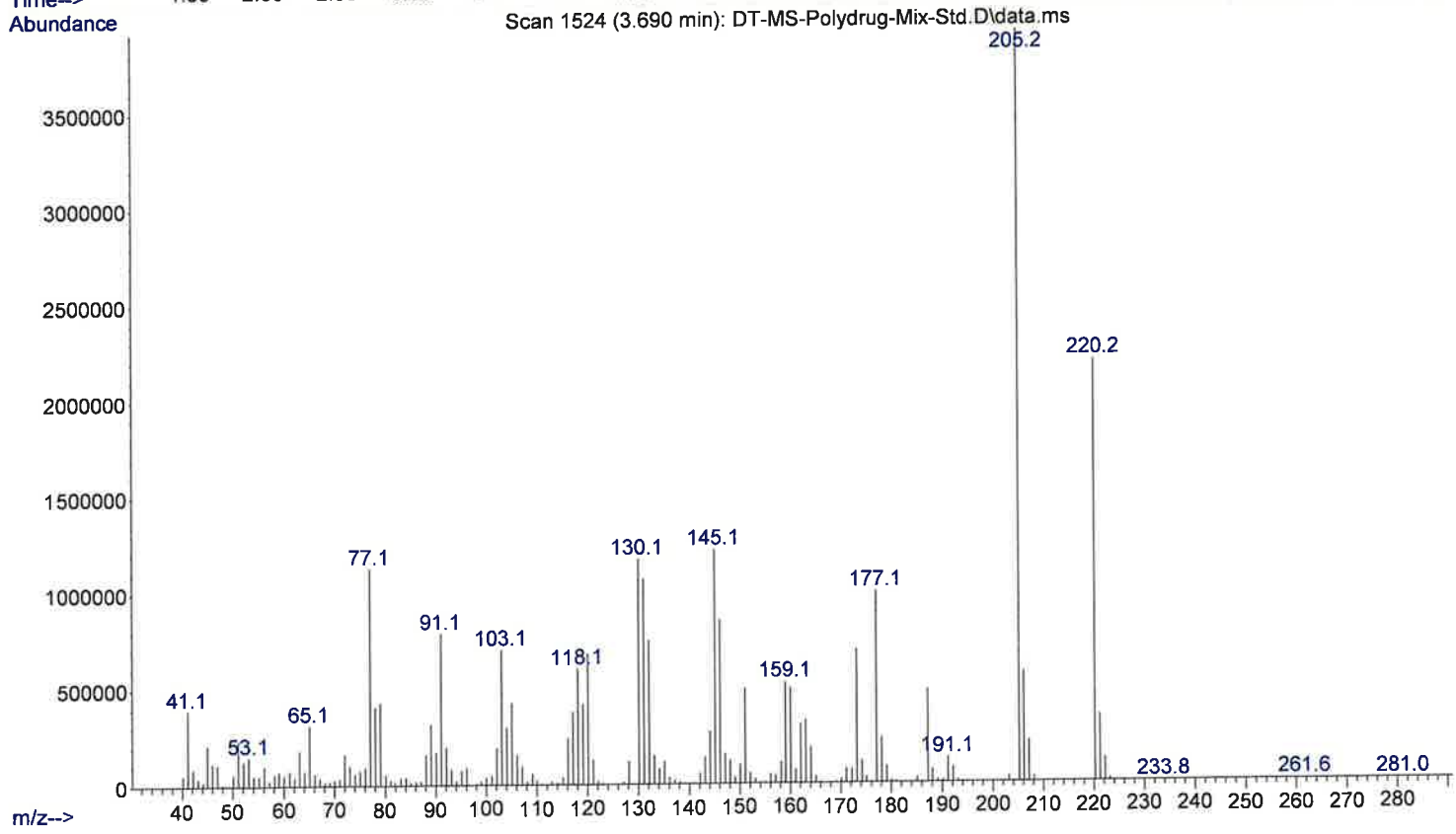




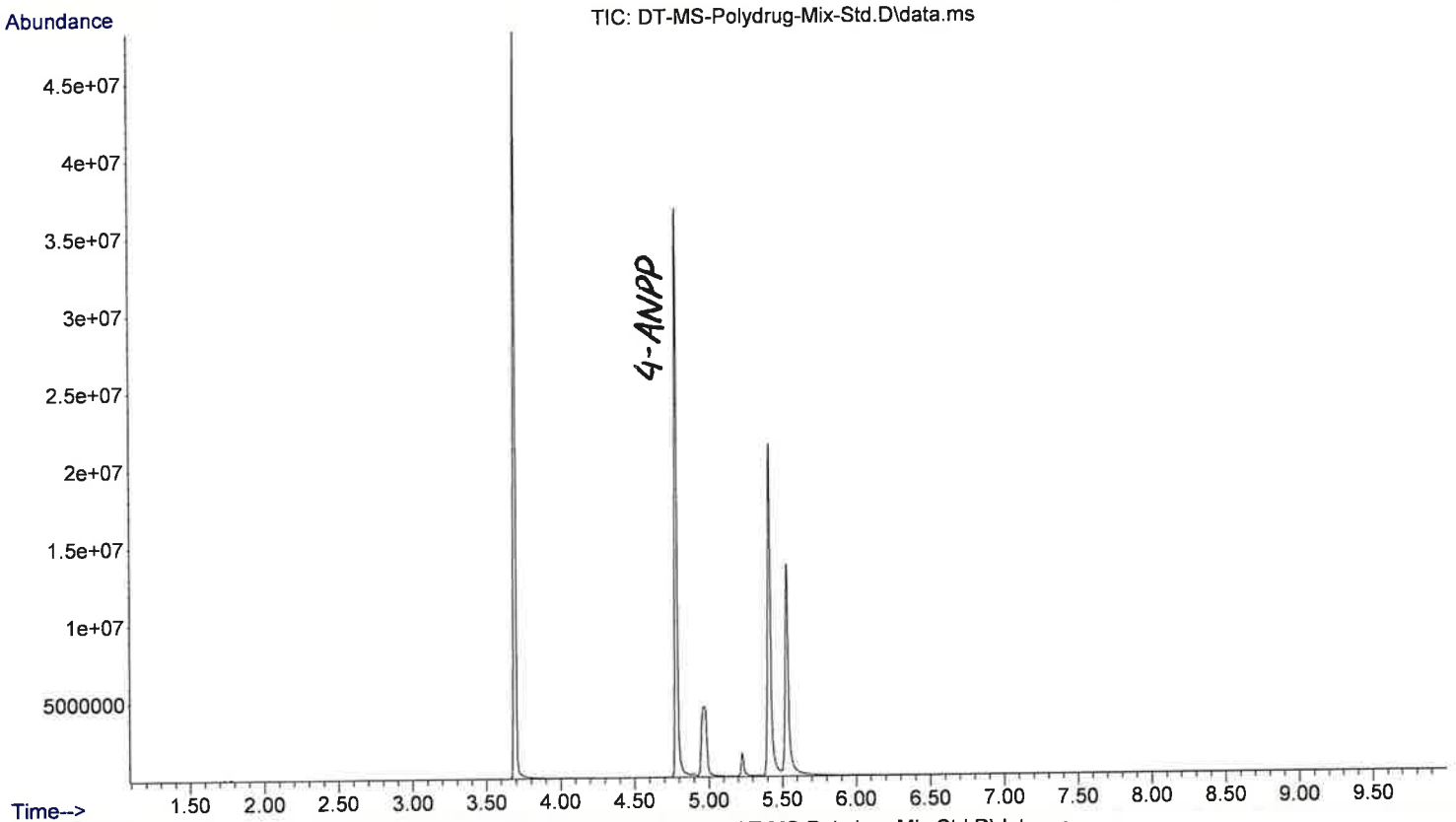
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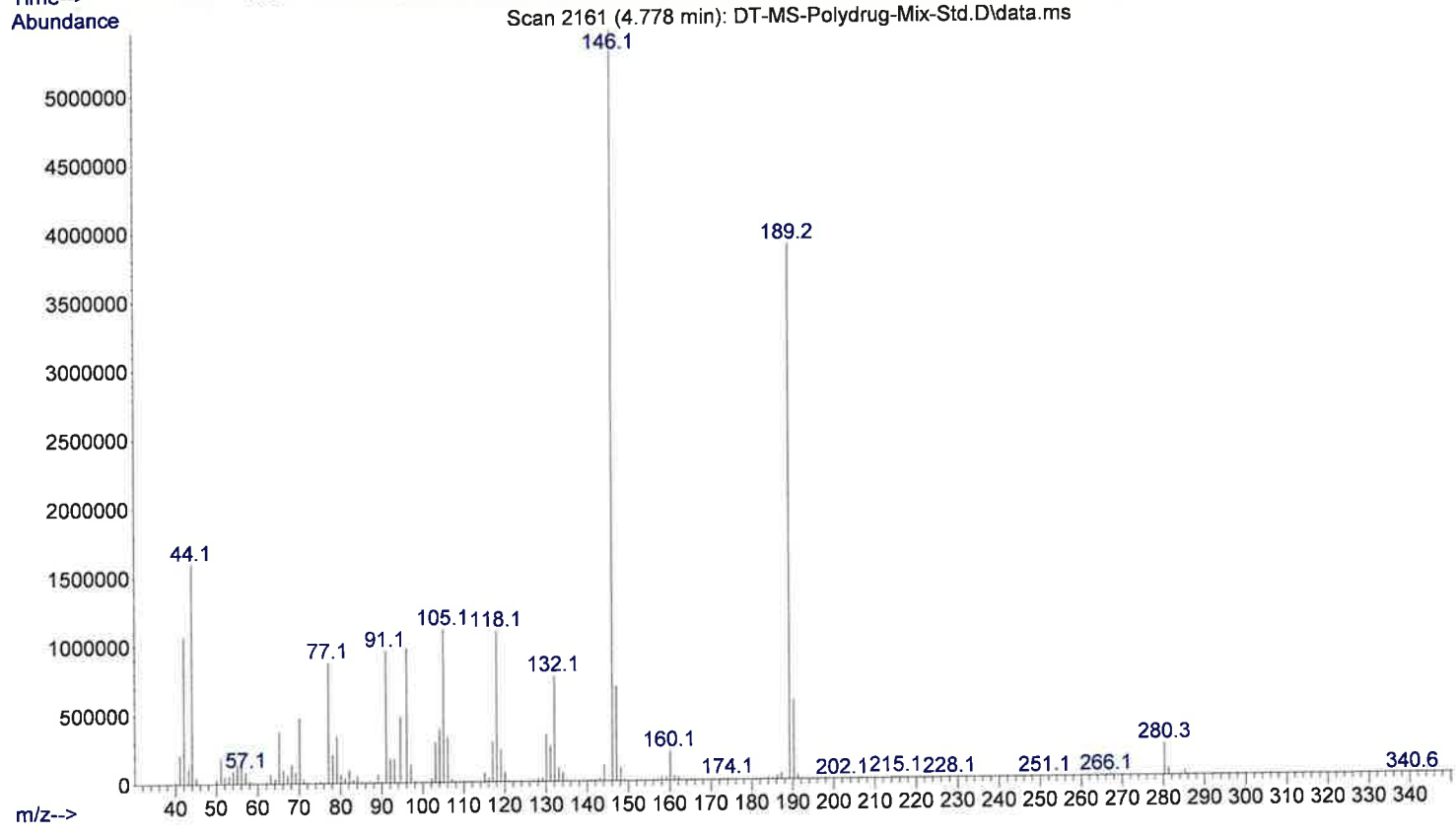
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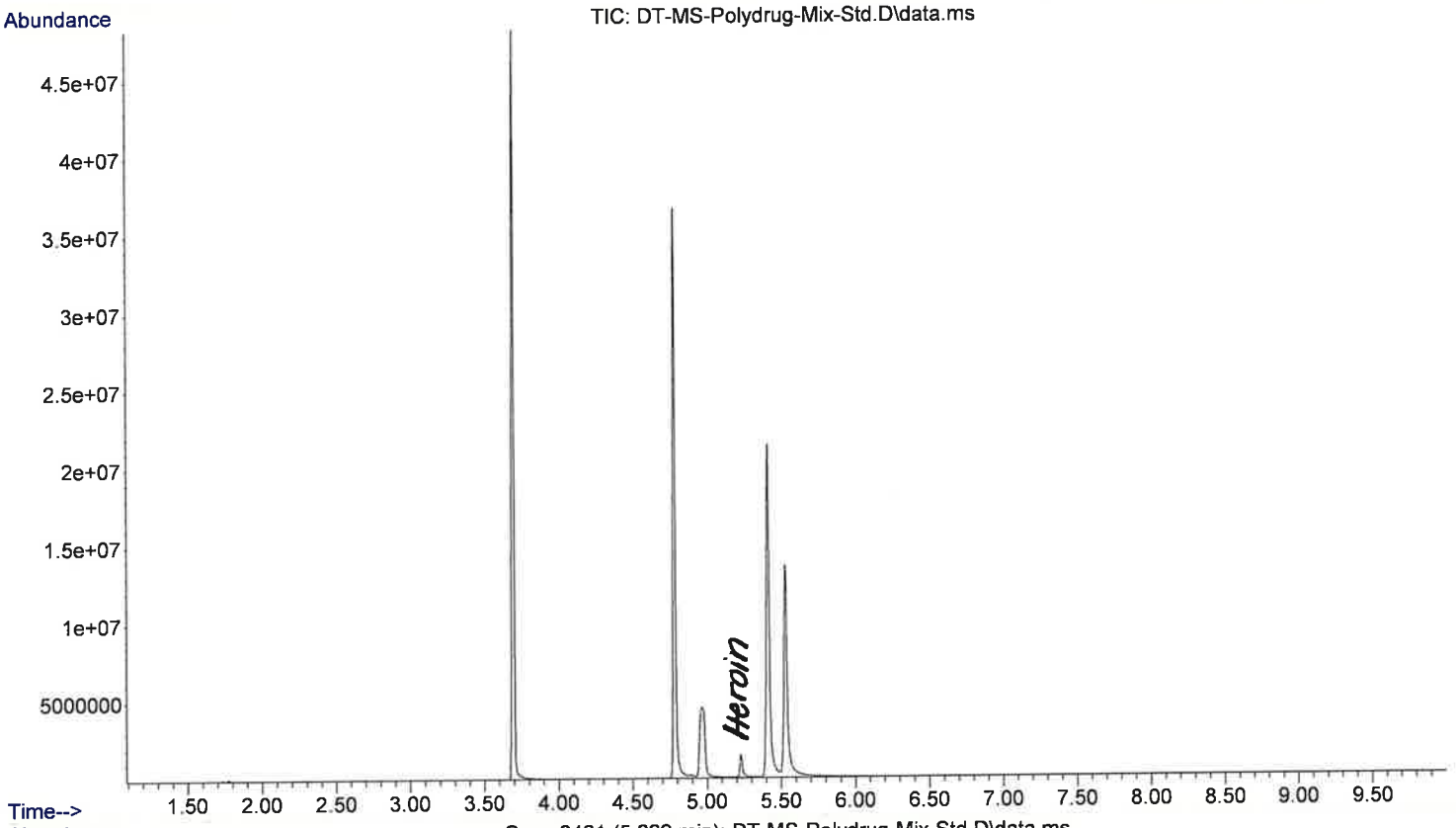


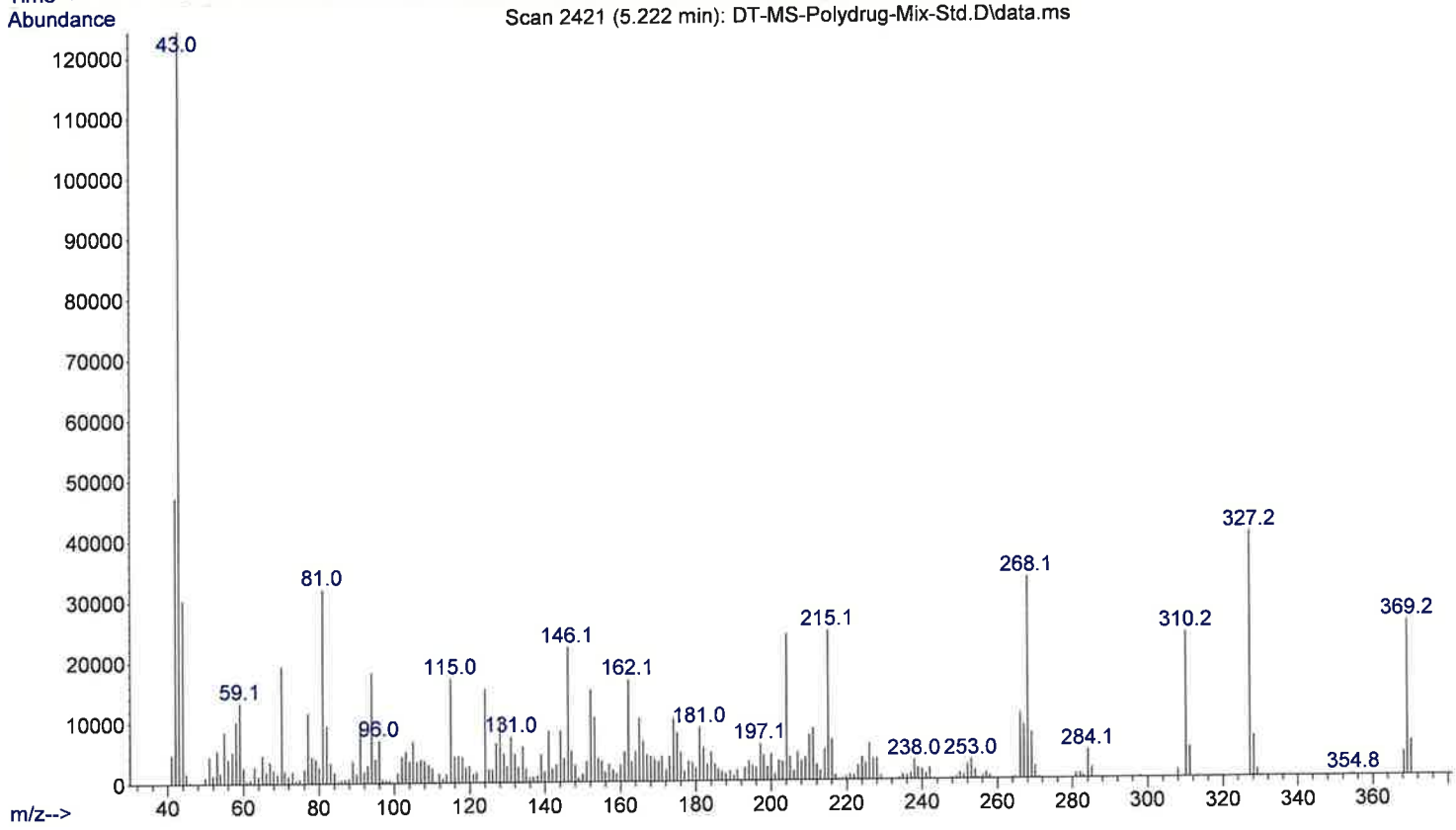
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Sample Name: Polydrug Mix Std
Misc Info : Meoh,Exp 12-11-25



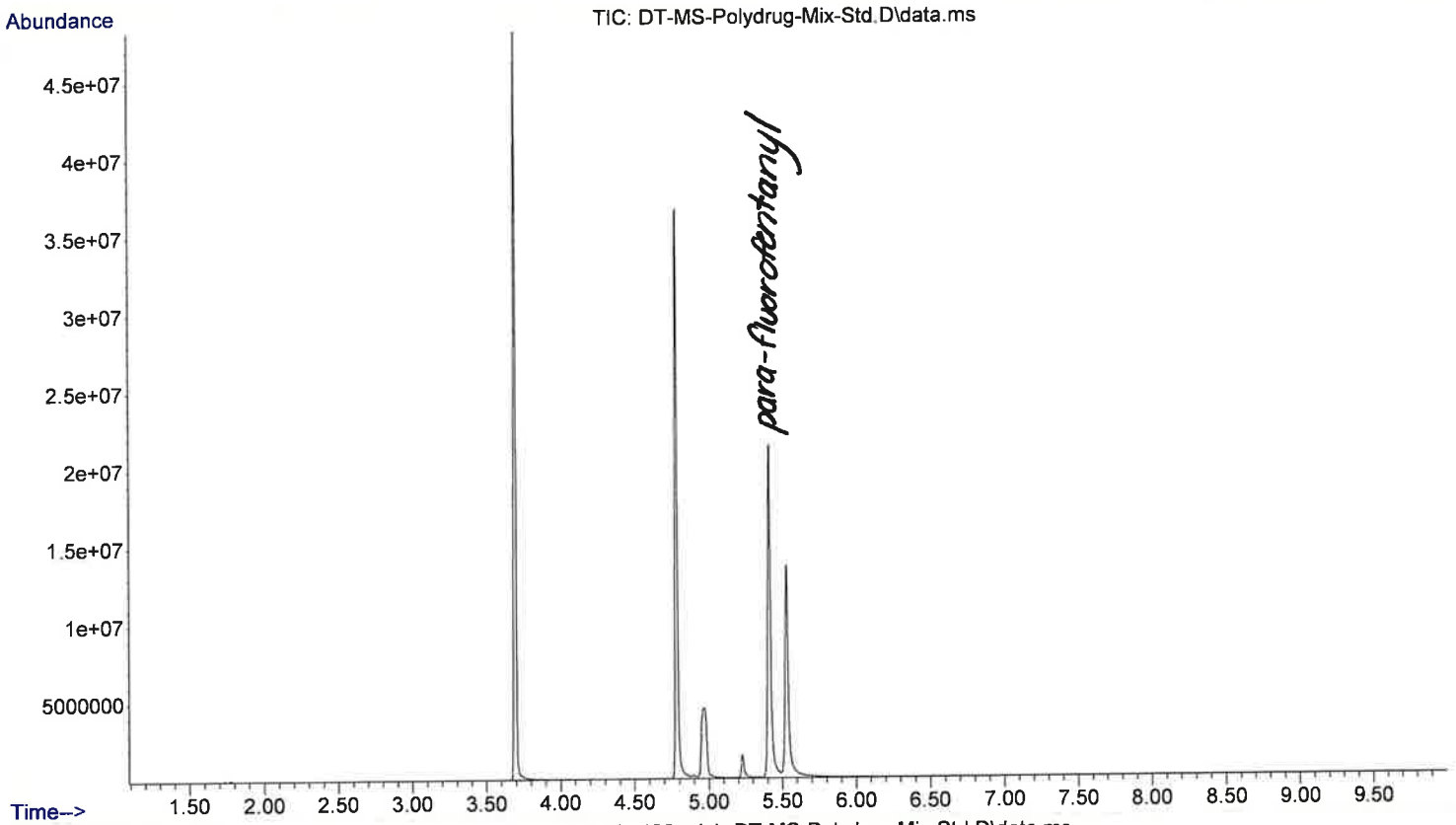


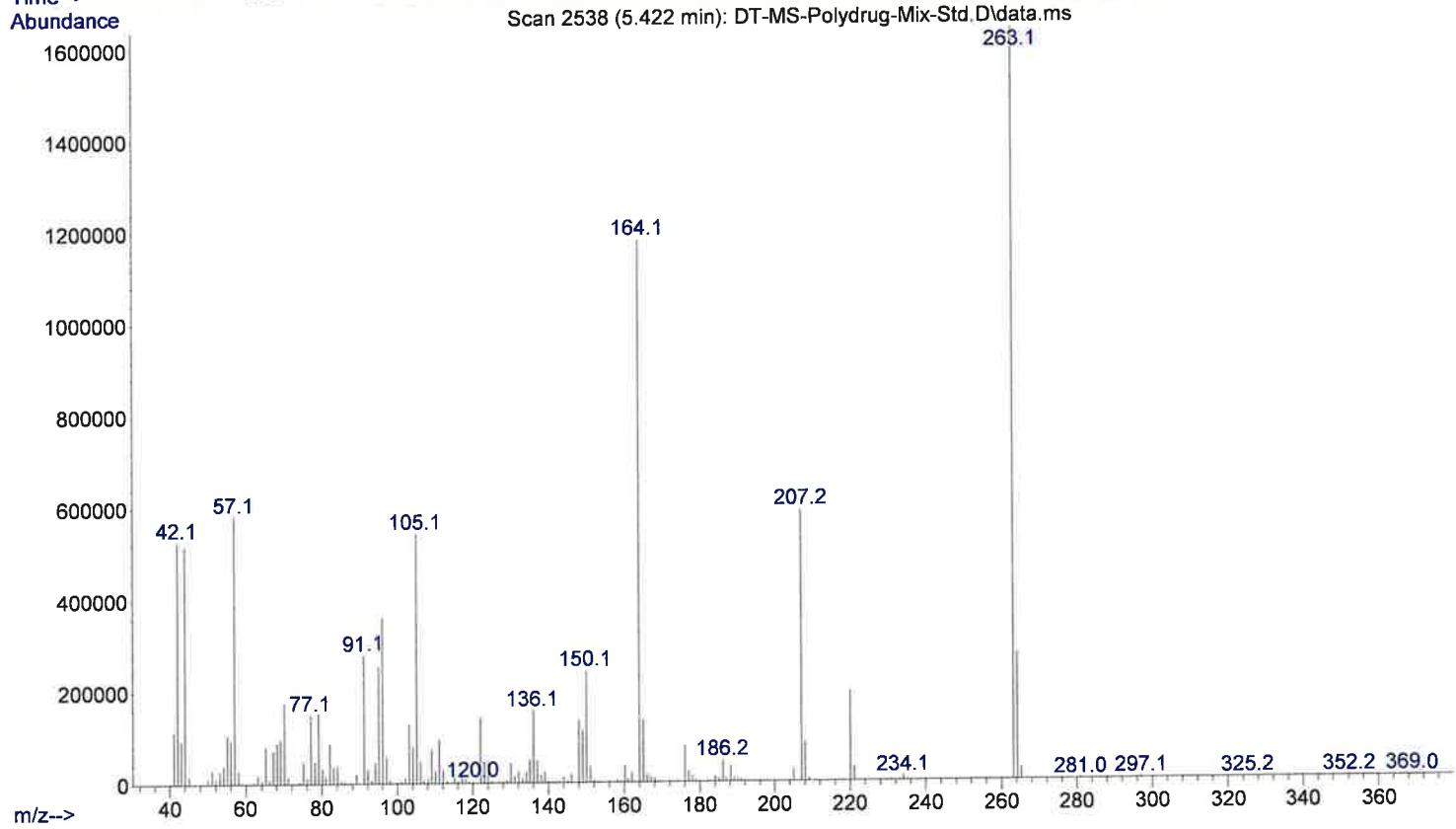
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Misc Info : Meoh,Exp 12-11-25



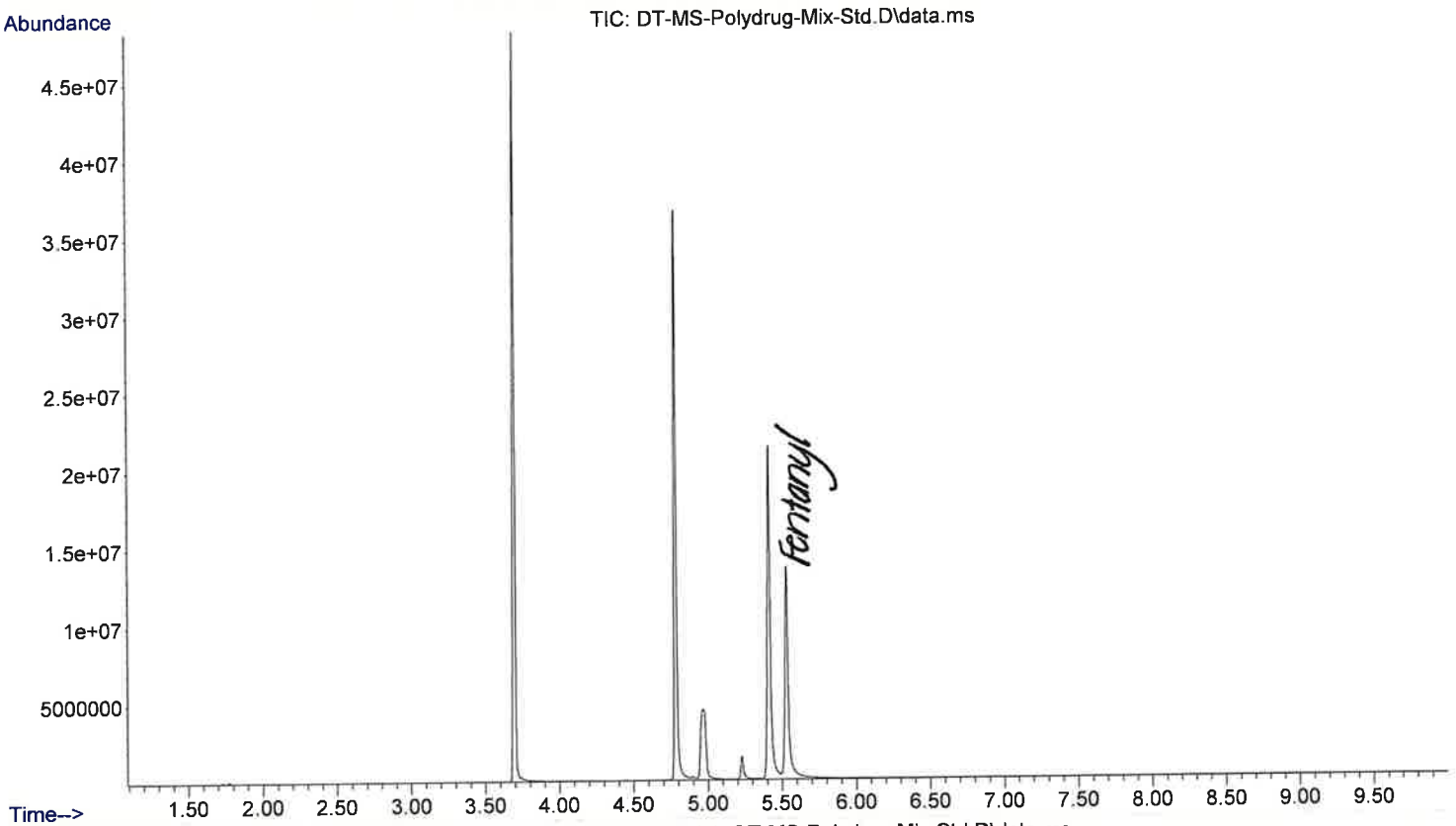


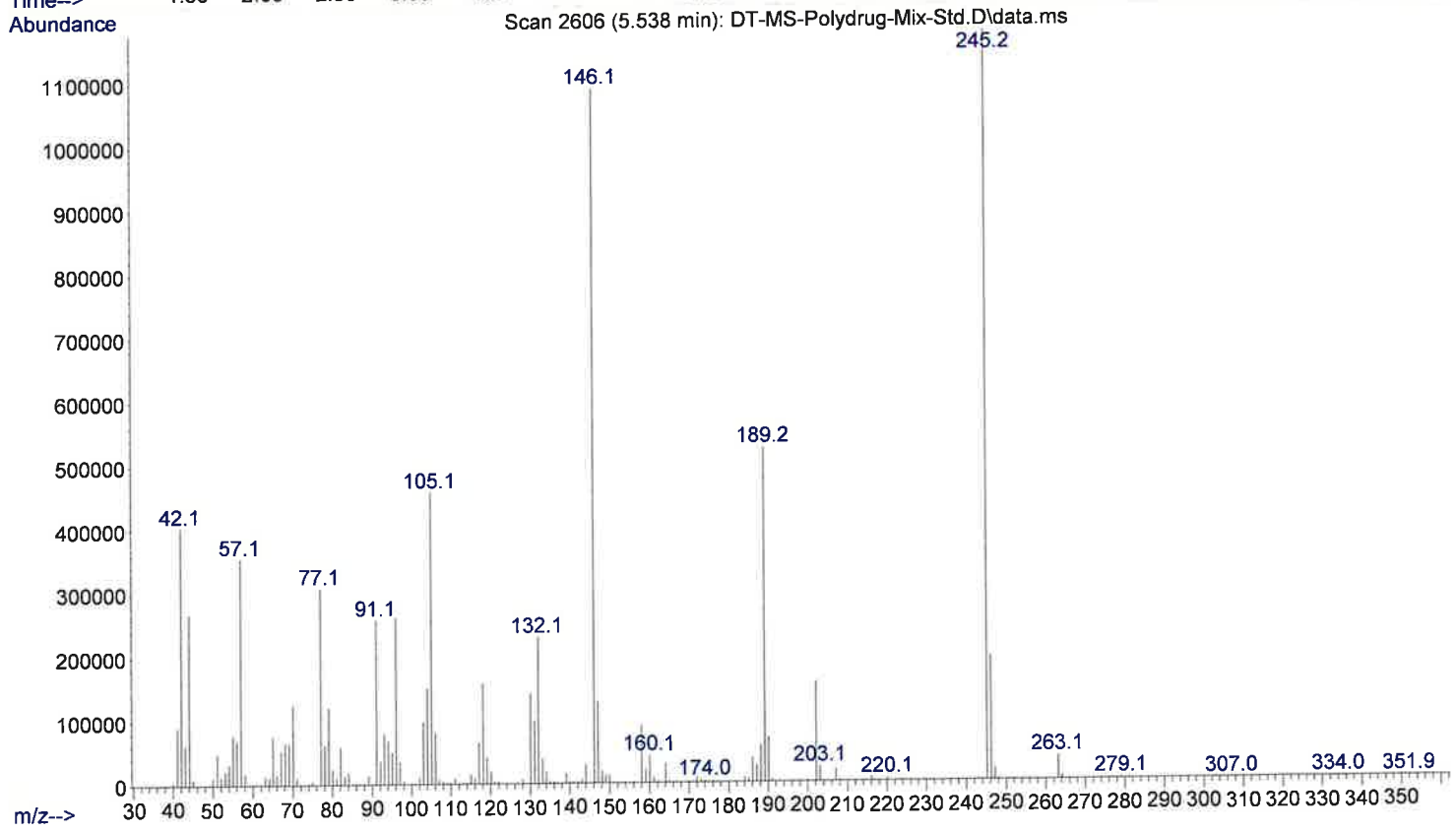
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Sample Name: Polydrug Mix Std
Misc Info : Meoh,Exp 12-11-25





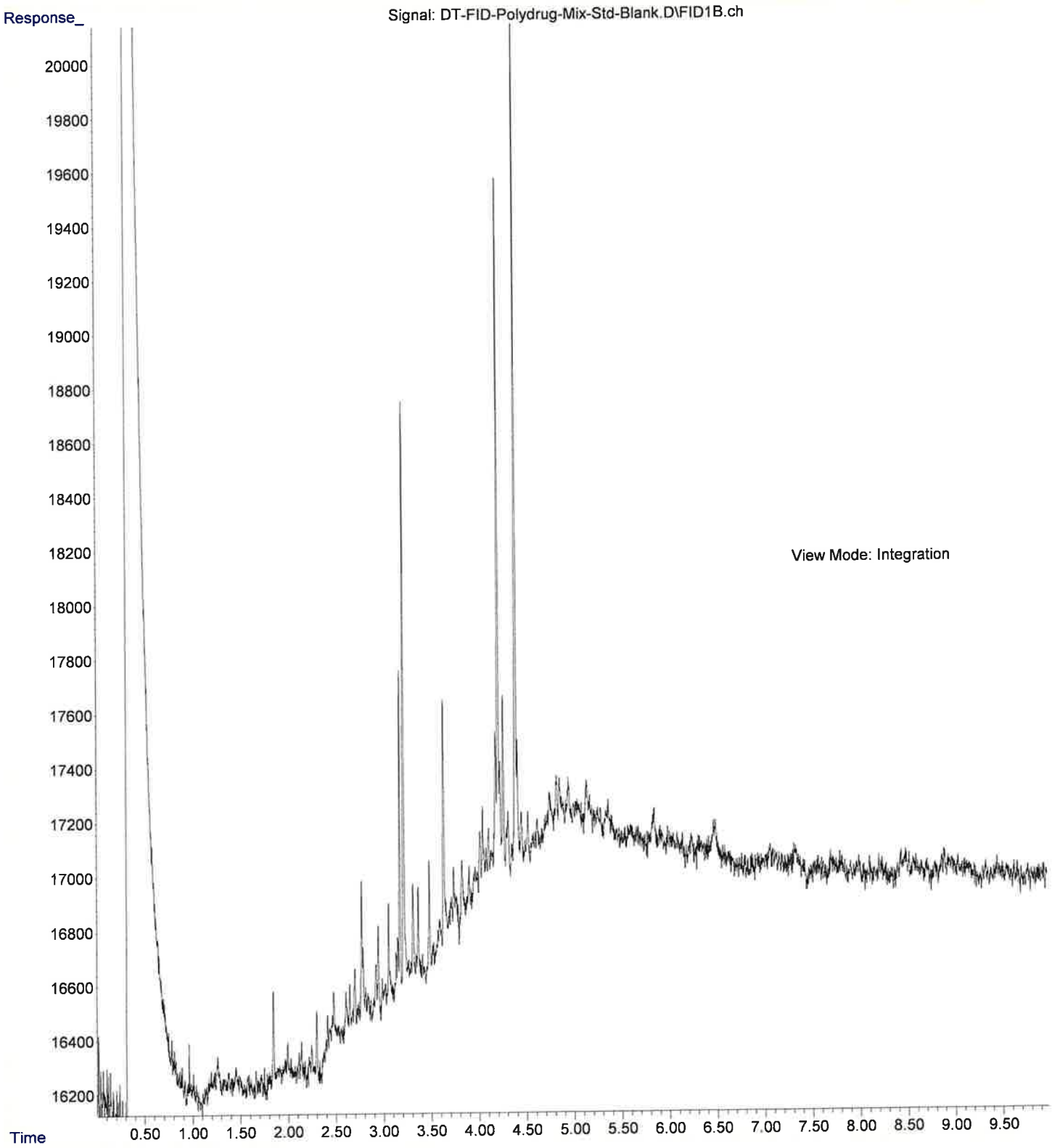
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Misc Info : Meoh,Exp 12-11-25



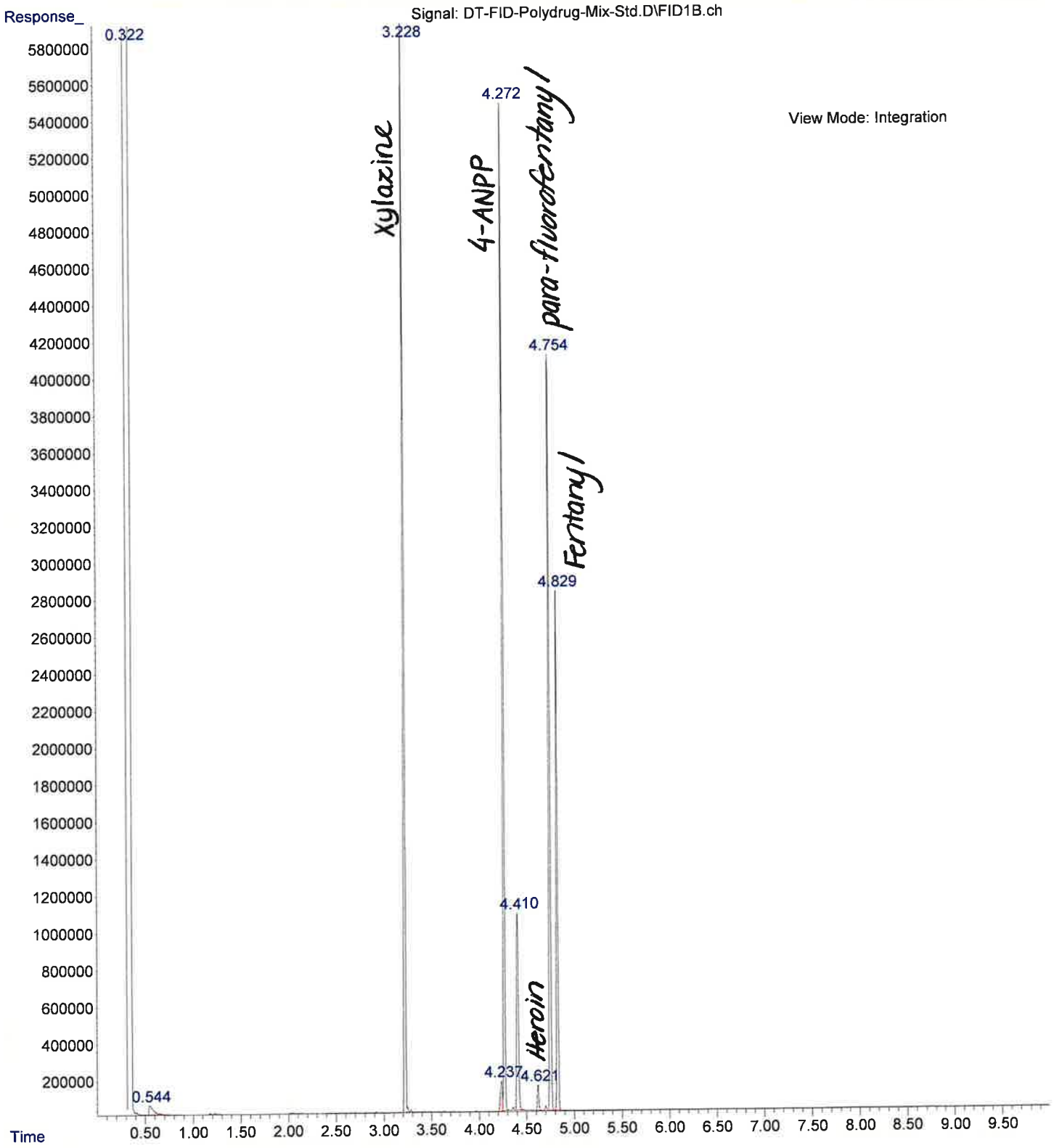


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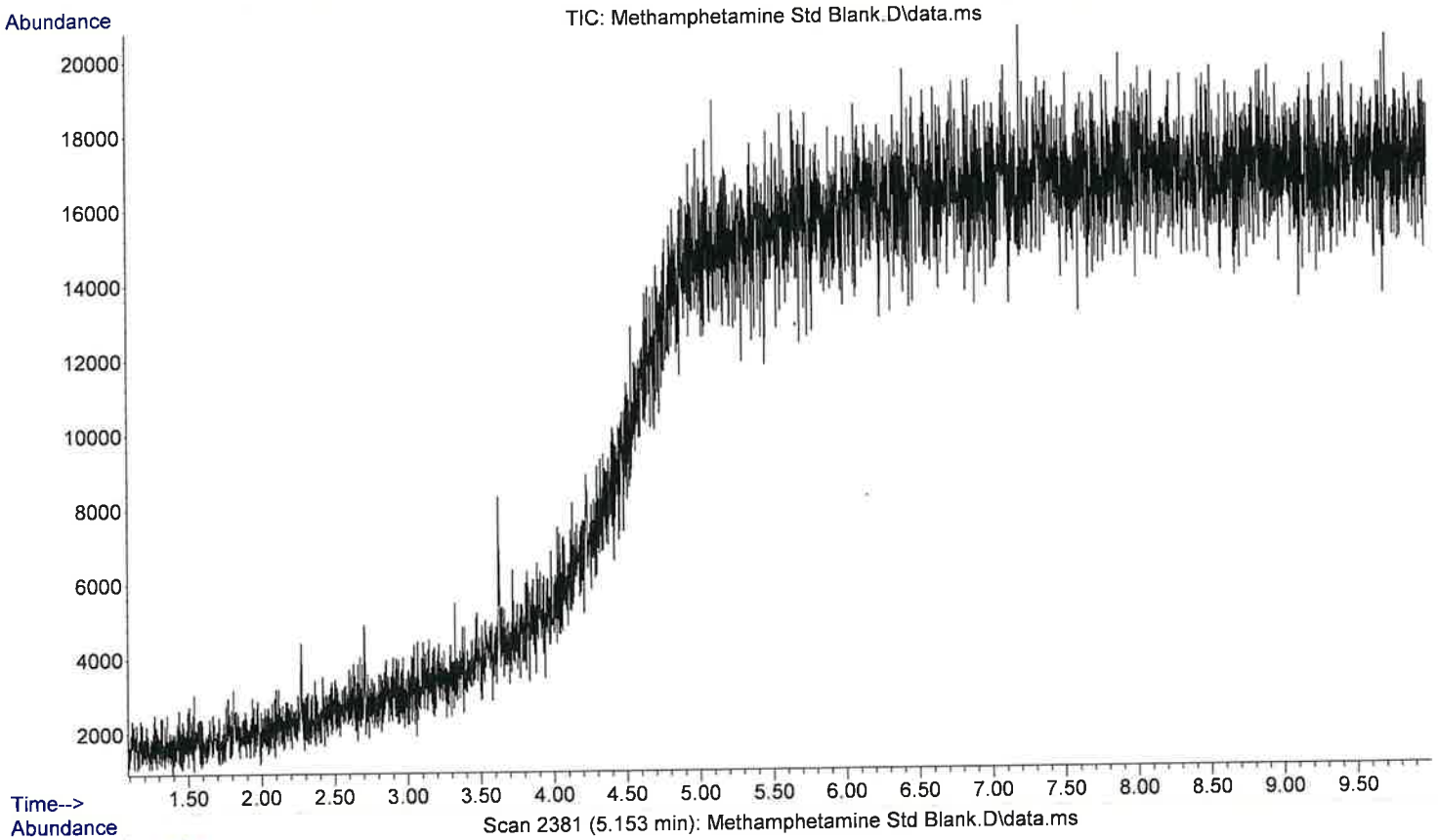
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Sample Name: Polydrug Mix Std Blank
Misc Info : Meoh

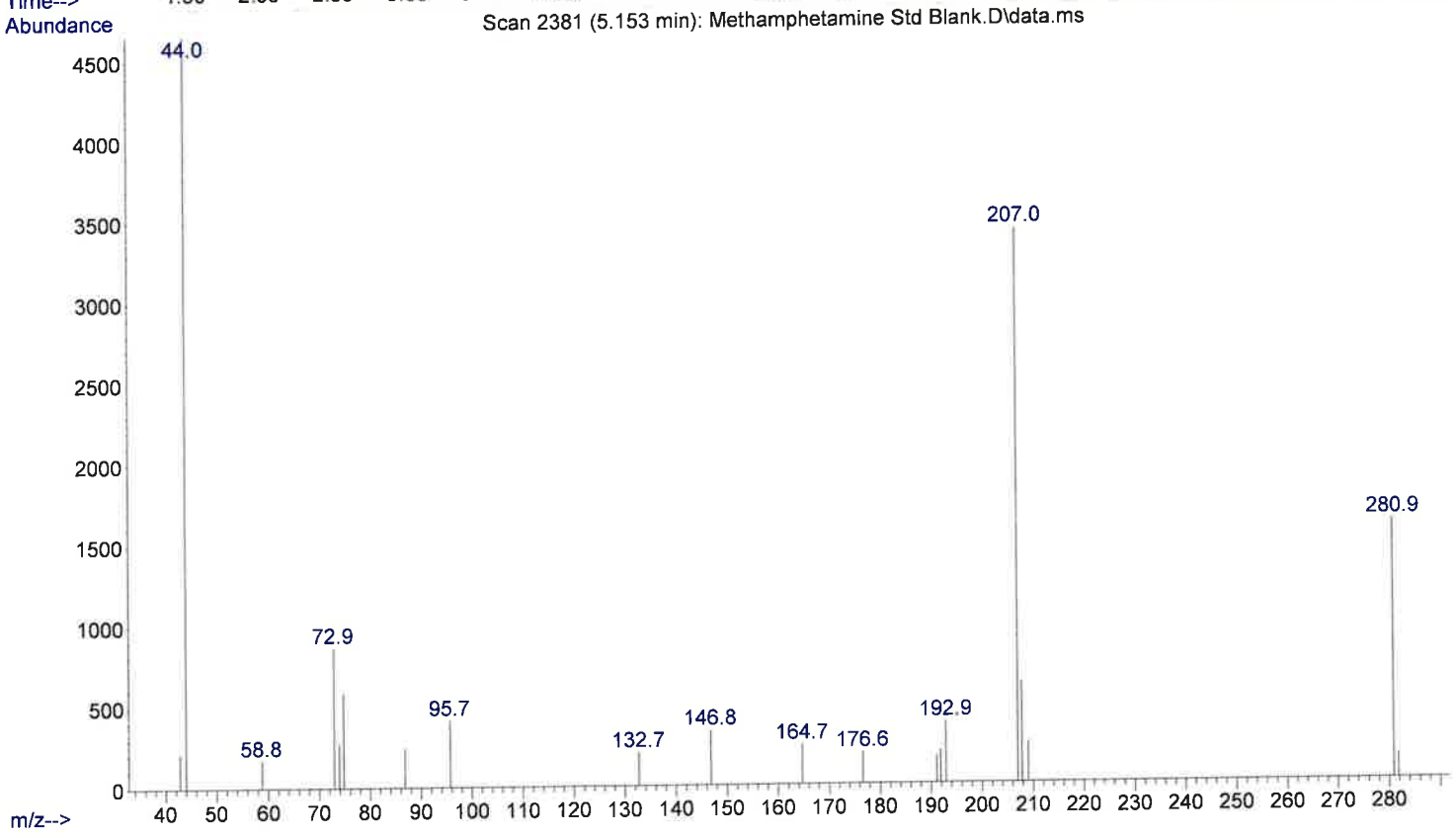


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Instrument :   Quincy
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Sample Name: Polydrug Mix Std
Misc Info  : Meoh,Exp 12-11-25
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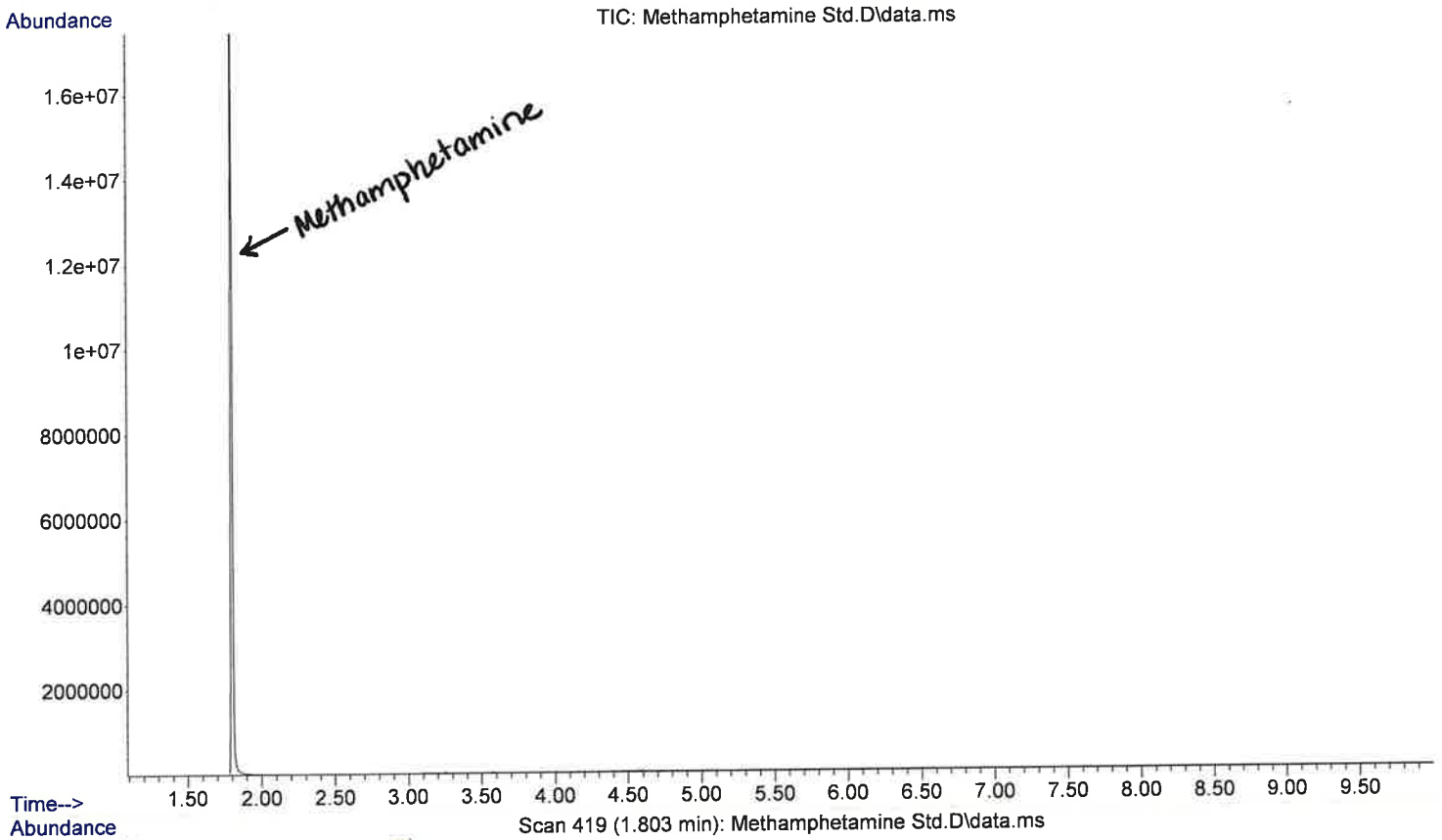


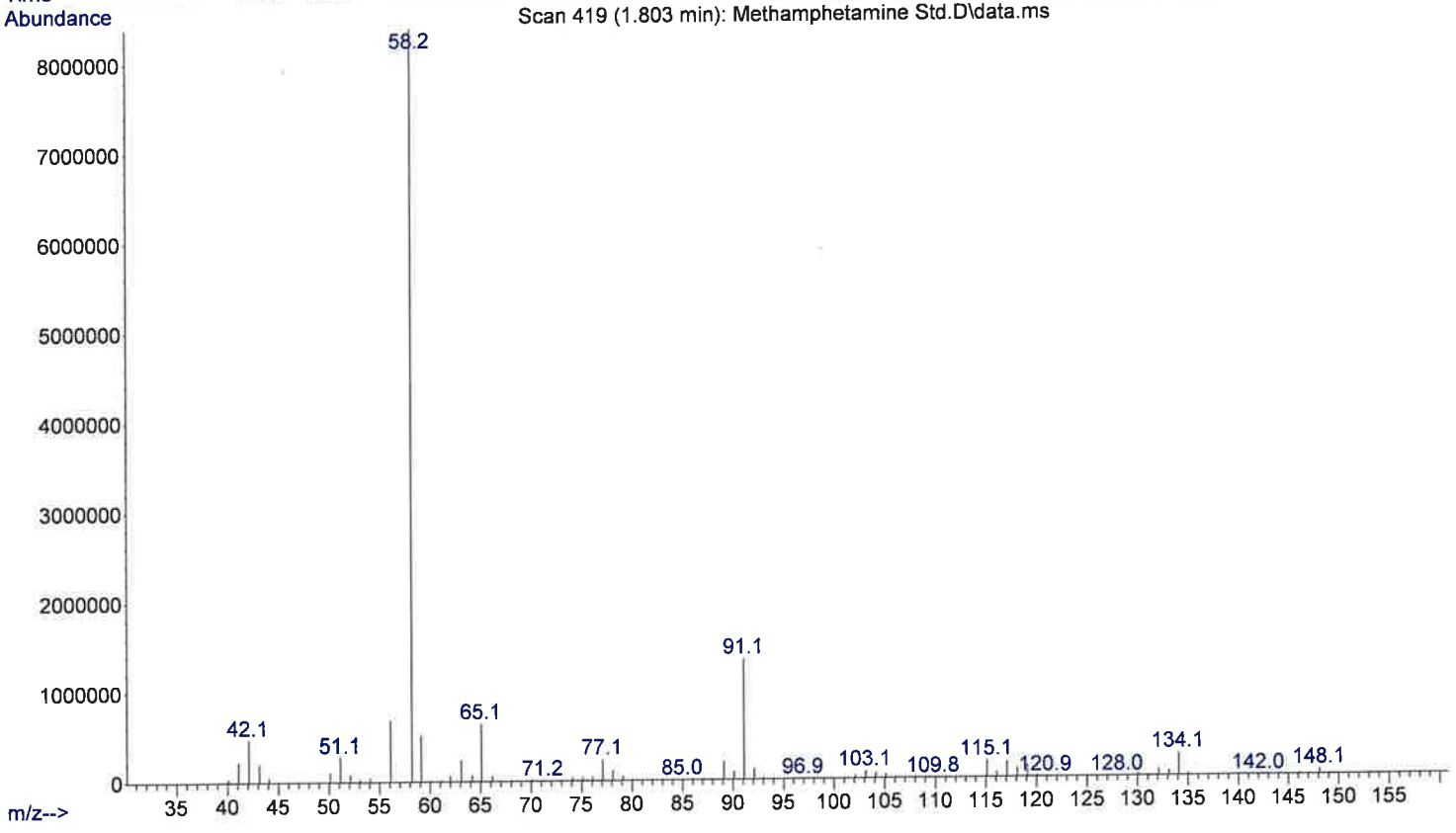
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Sample Name: Methamphetamine Std Blank
Misc Info : Meoh



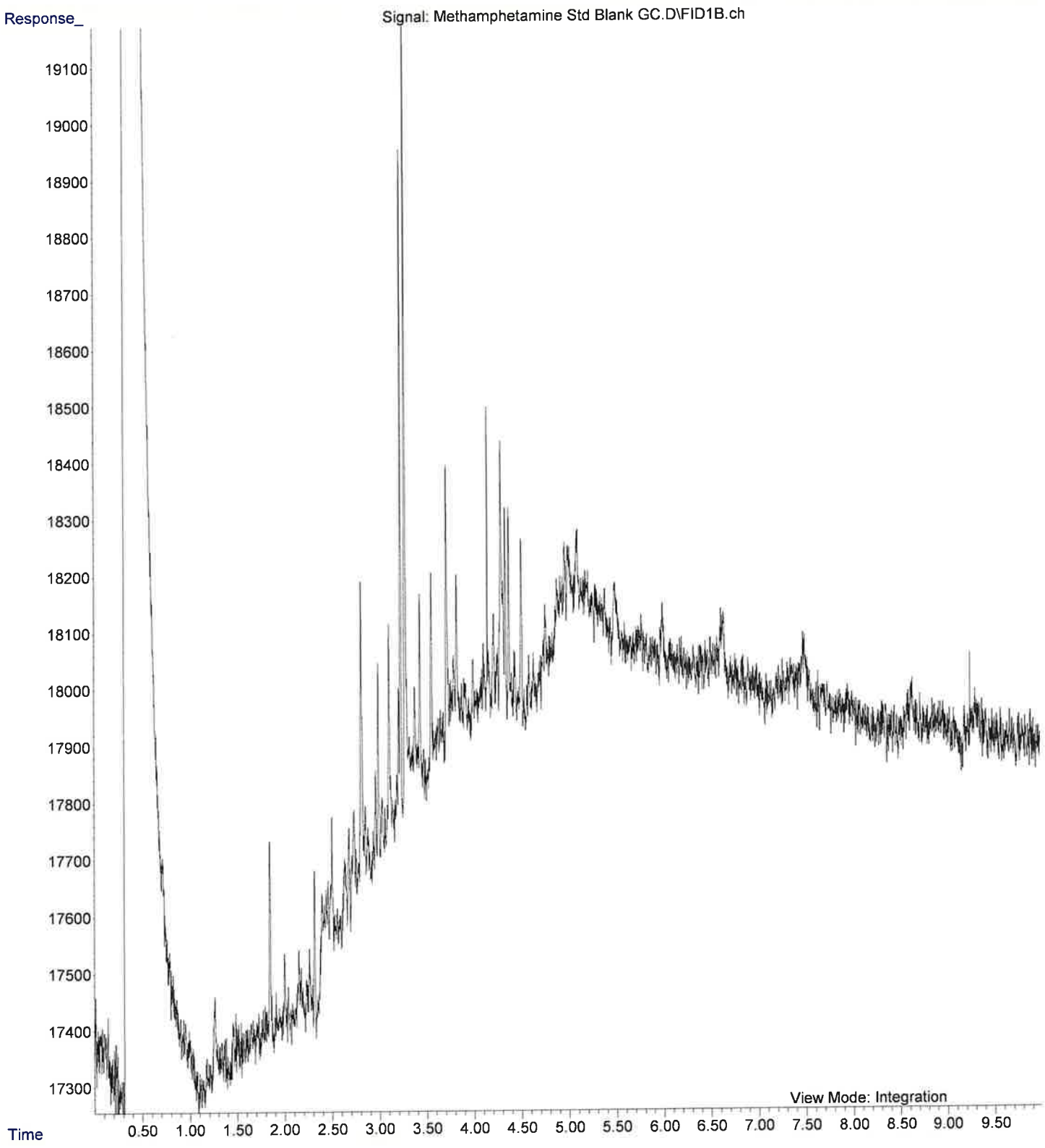


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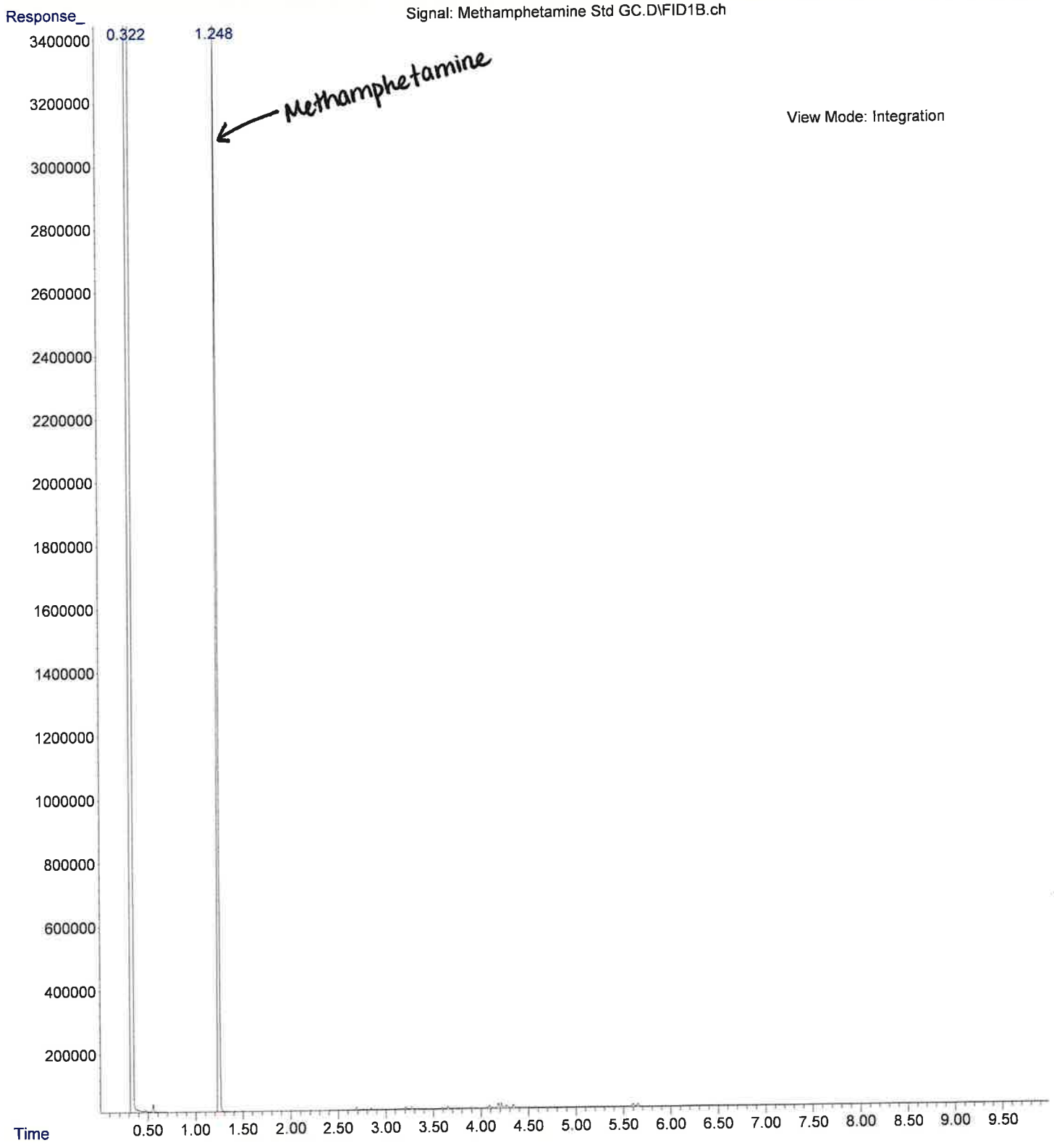


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Misc Info  : Meoh
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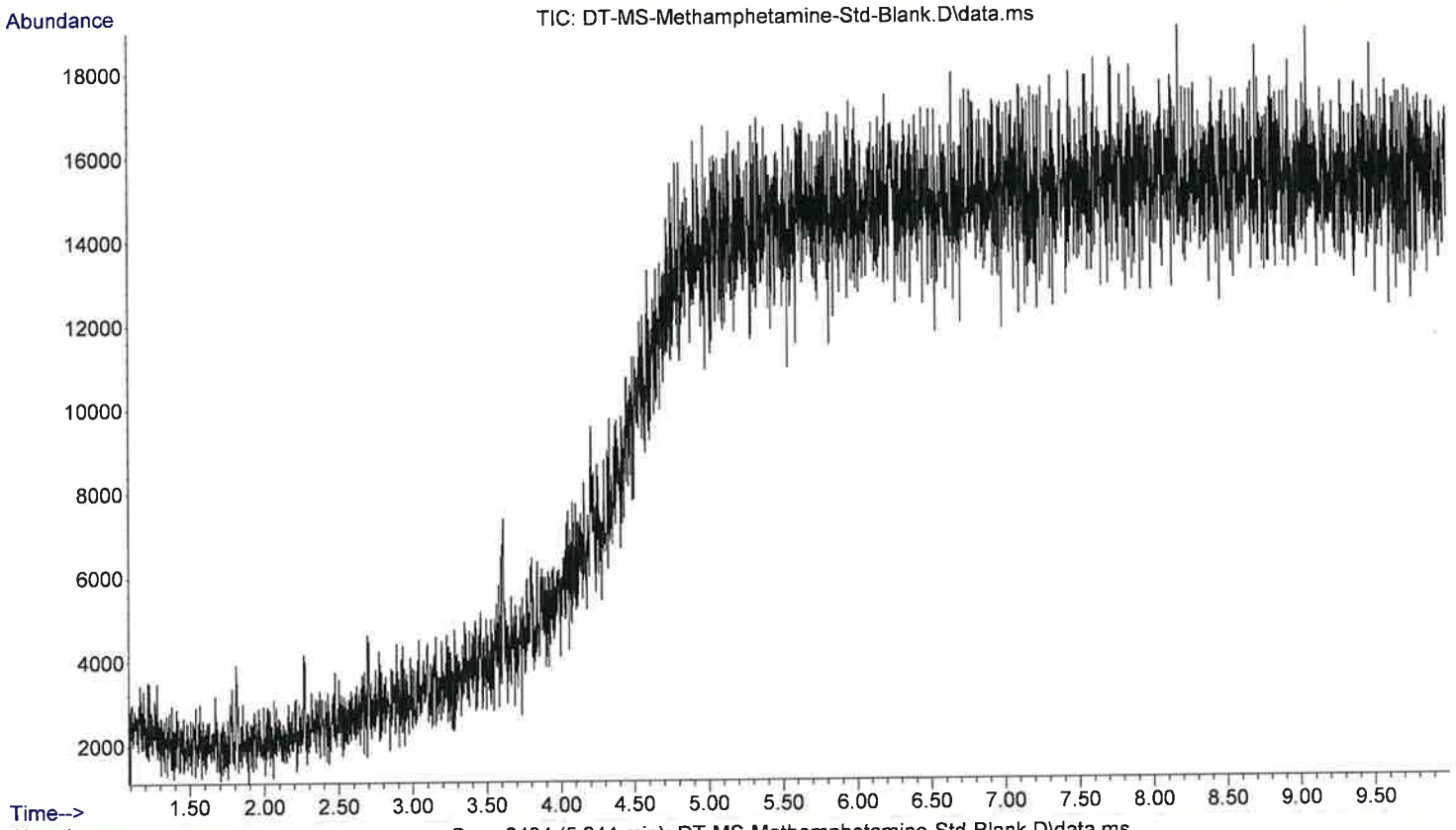
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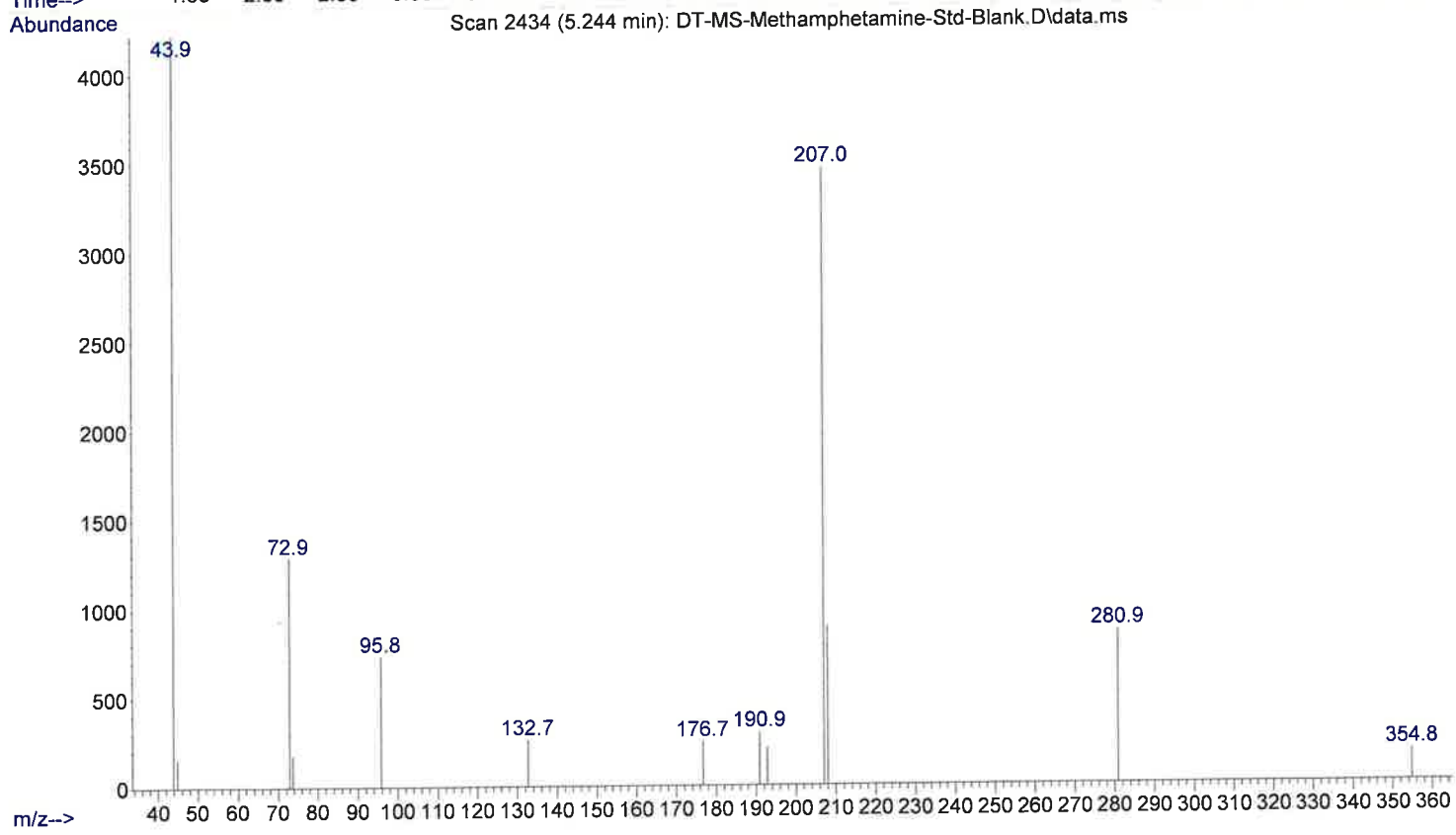
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Sample Name: Methamphetamine Std GC
Misc Info : Meoh,Cerilliant,LotFE006022204,Exp12-31-27



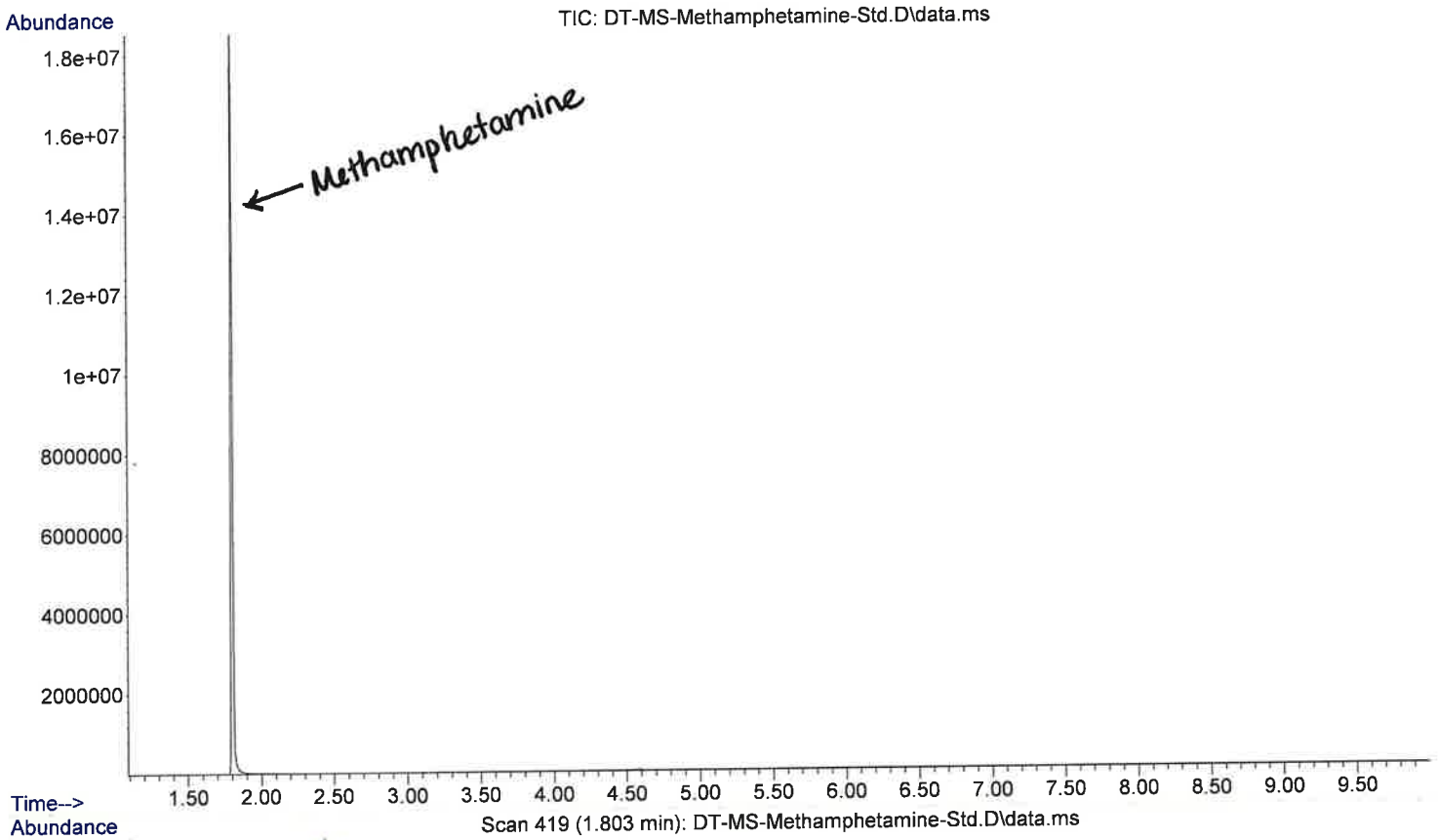
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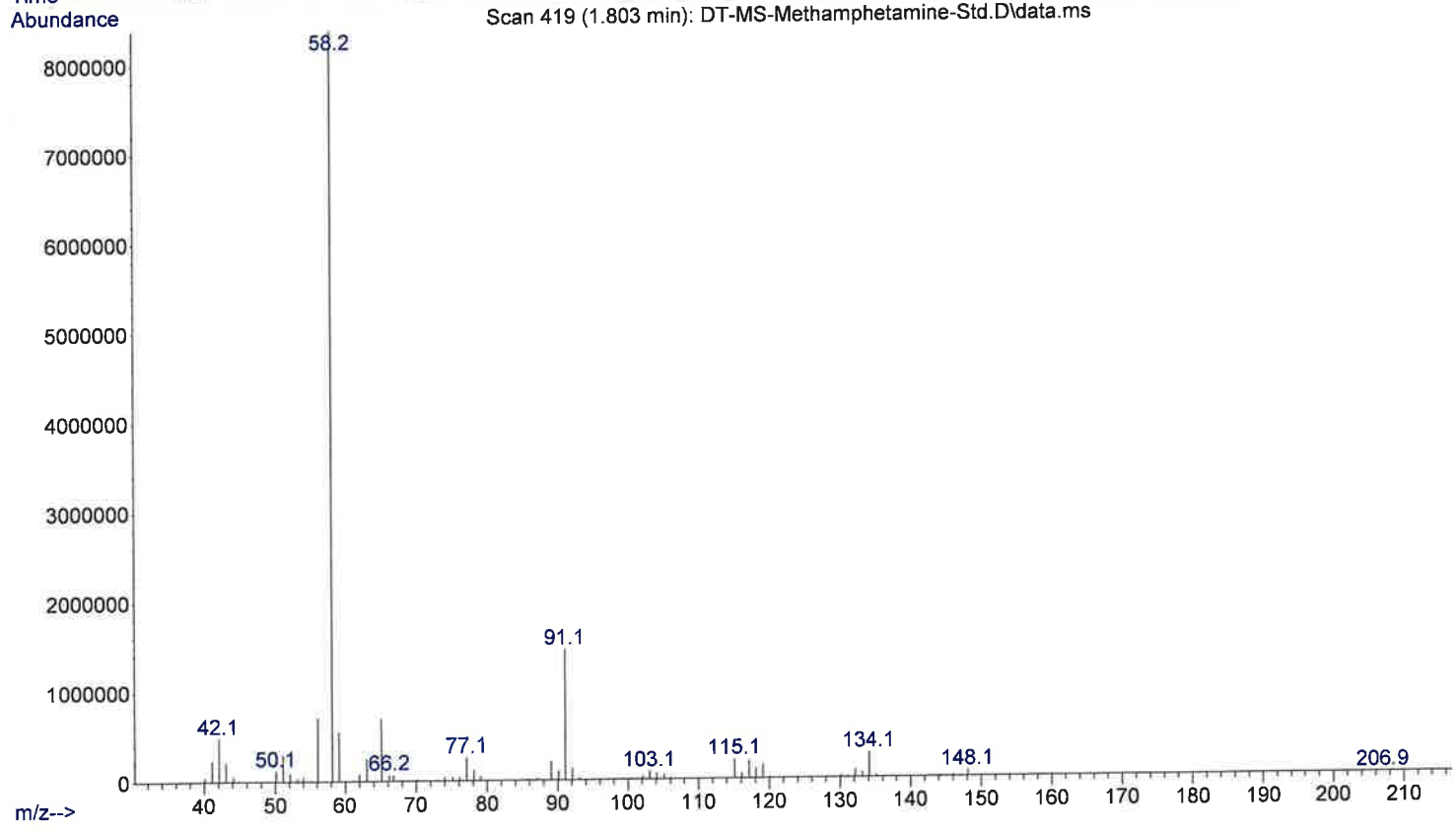
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Sample Name: Methamphetamine Std Blank
Misc Info : Meoh



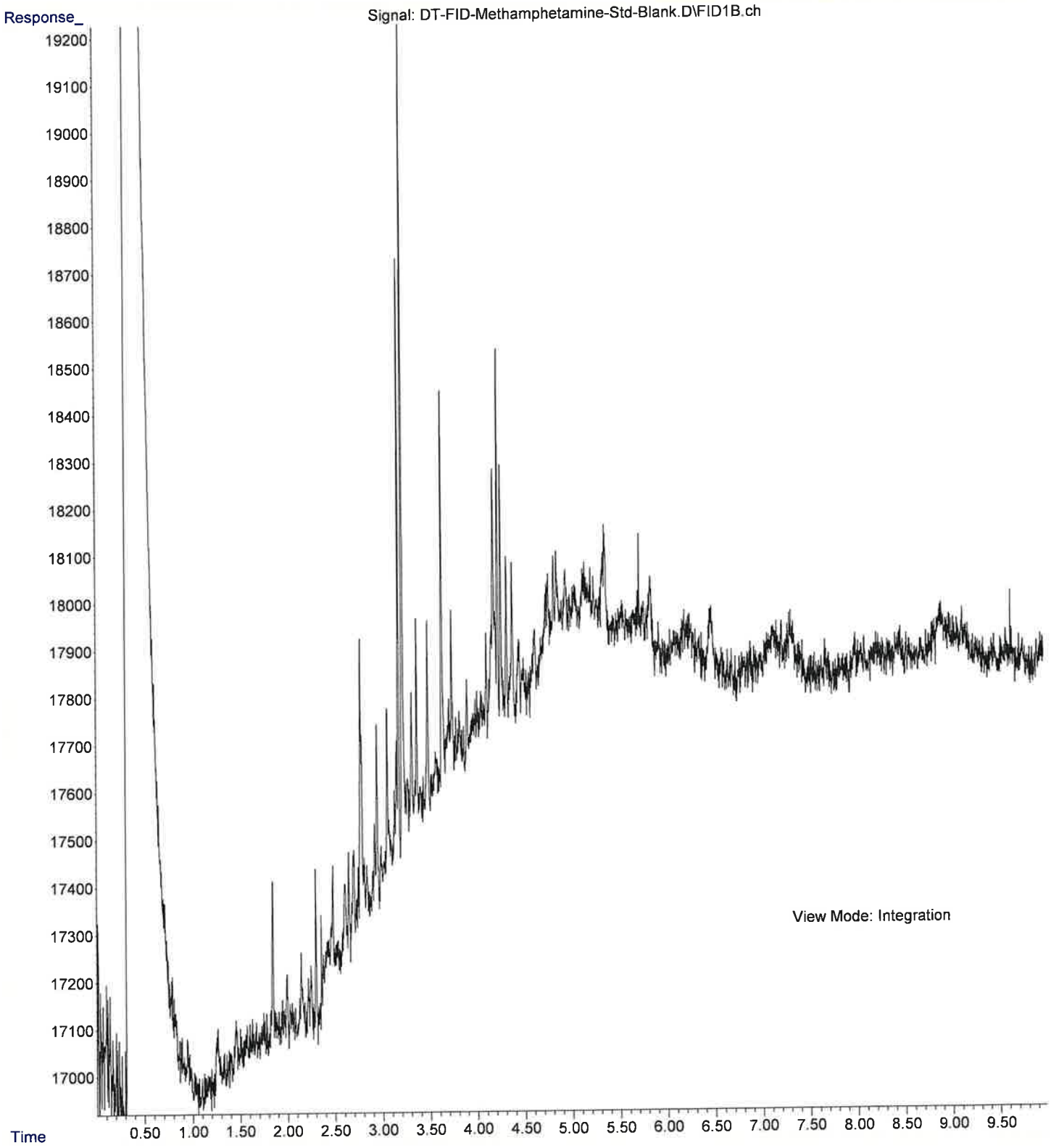


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Sample Name: Methamphetamine Std
Misc Info : Meoh,Cerilliant,LotFE006022204,Exp12-31-27

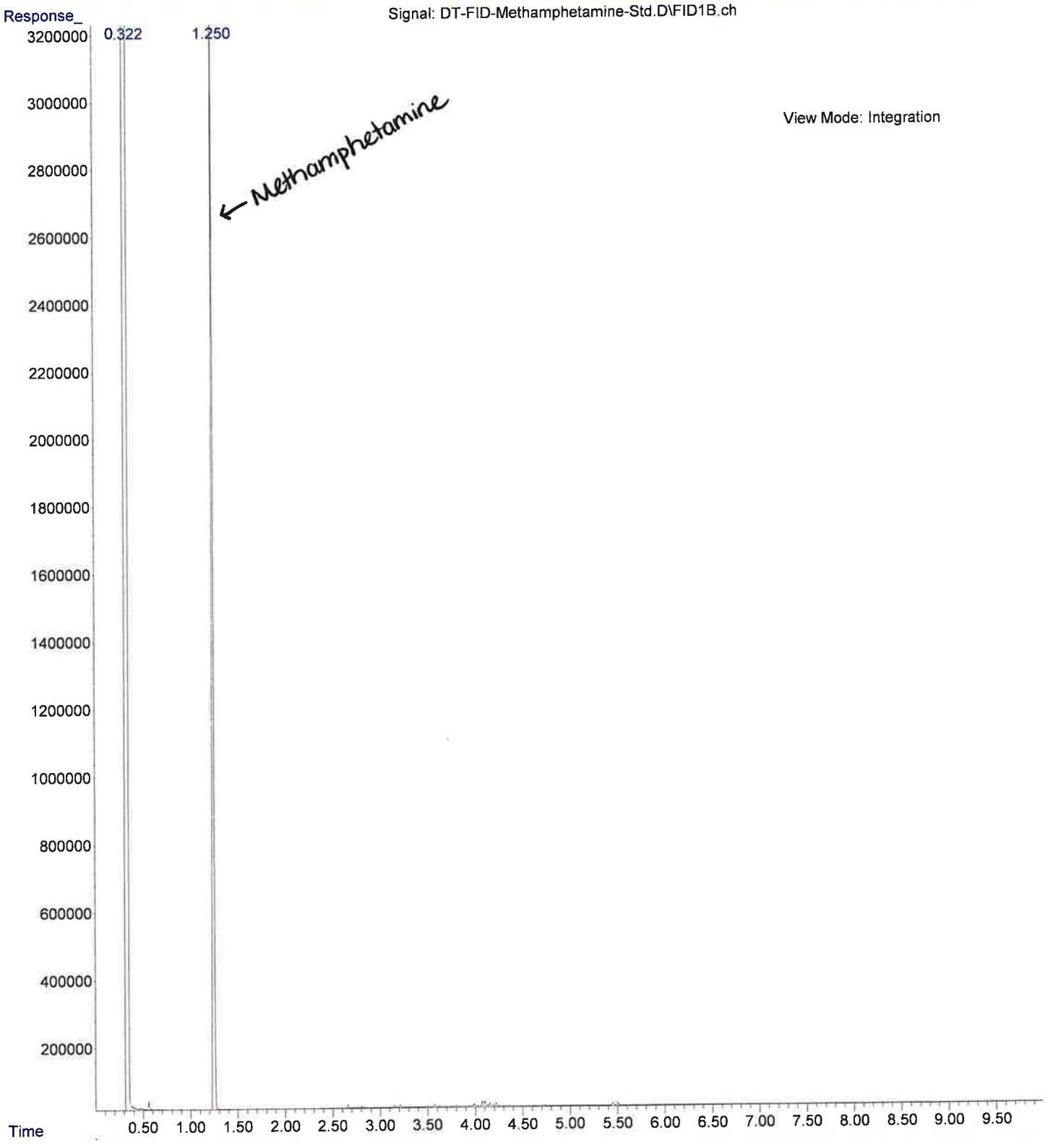




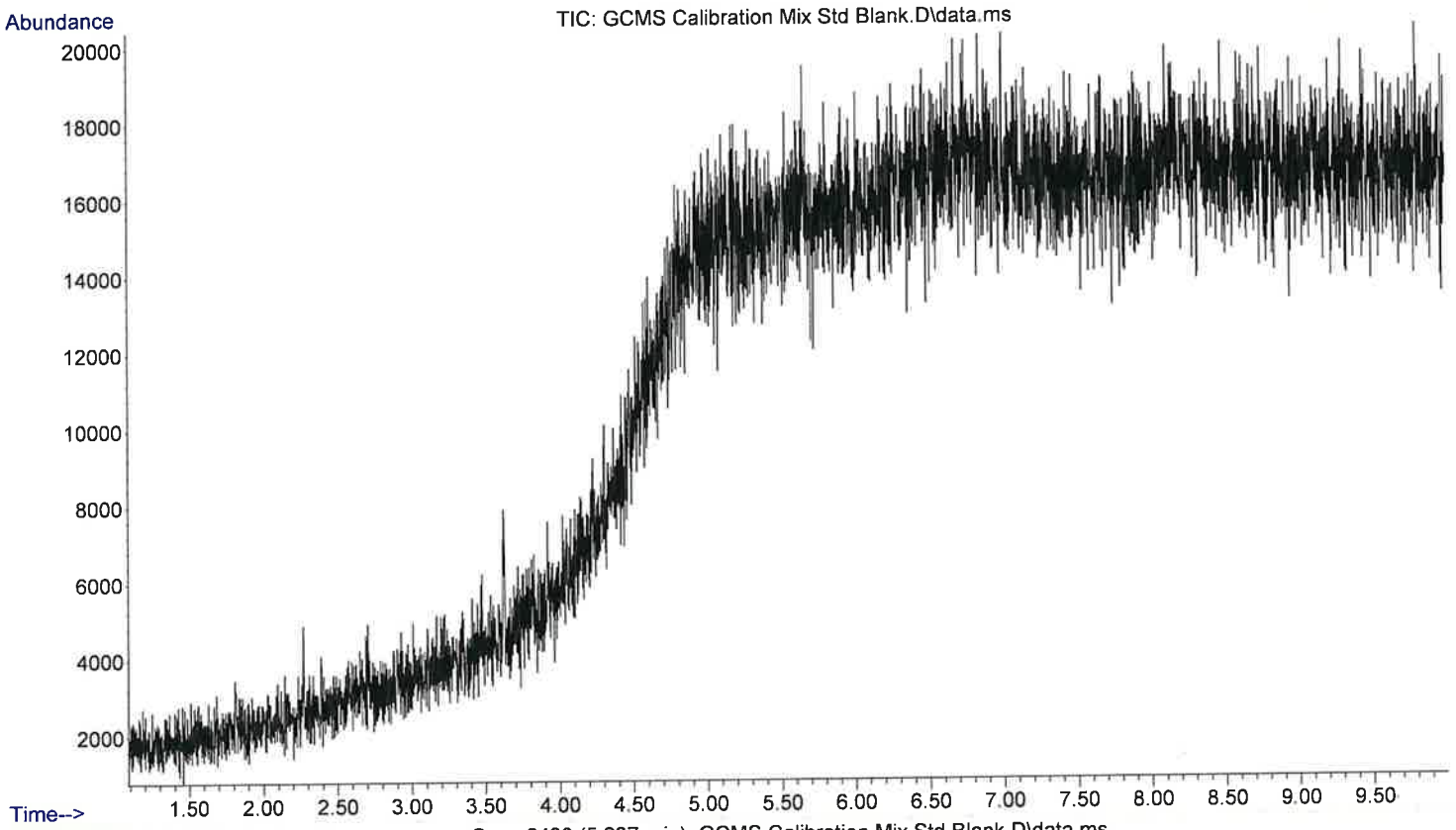
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Sample Name: Methamphetamine Std Blank
Misc Info  : Meoh
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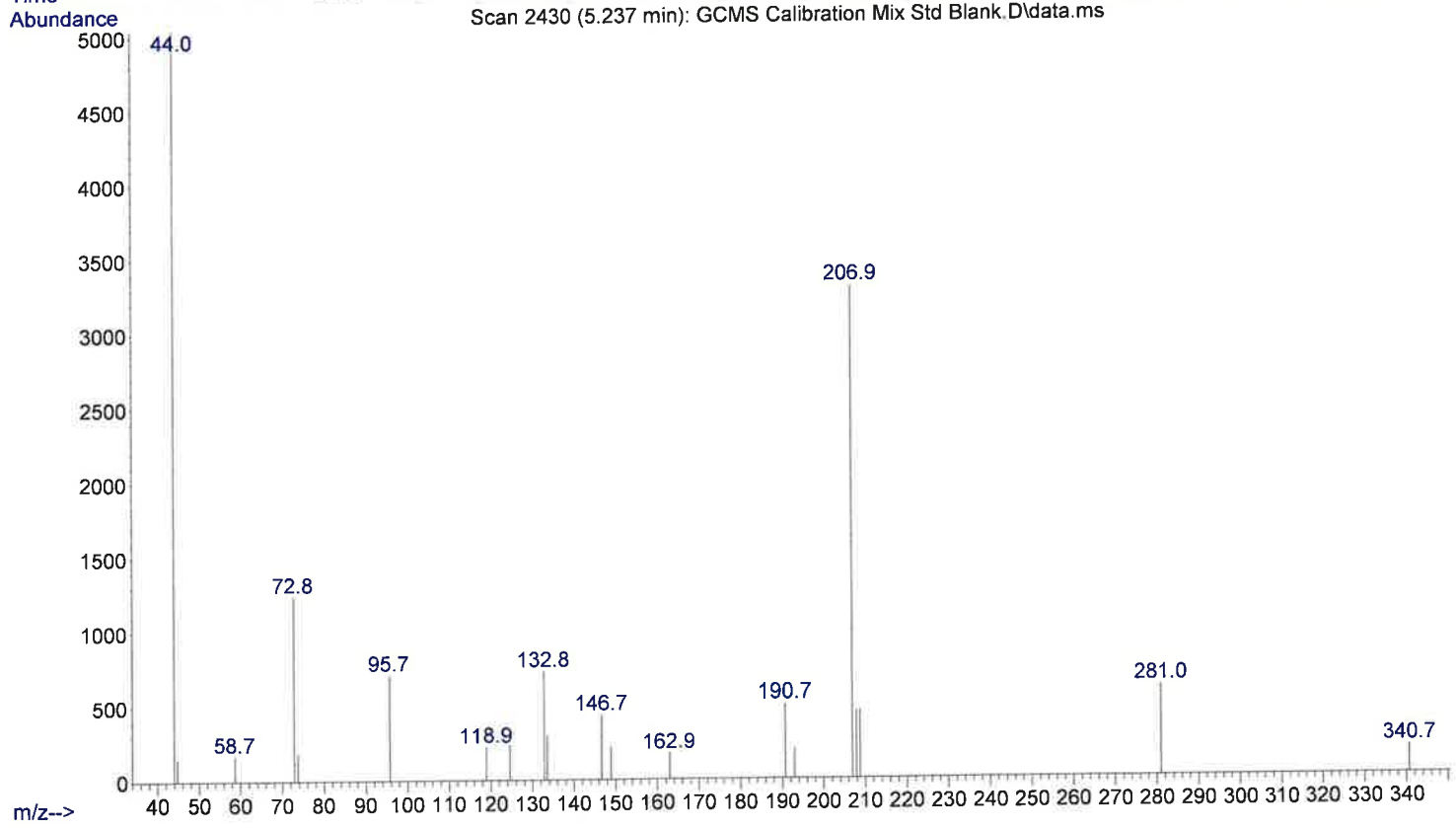


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Instrument :   Quincy
Acquired   : 03 Jun 2025  19:17     using AcqMethod DTDRUGS100.M
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Misc Info  : Meoh,Cerilliant,LotFE006022204,Exp12-31-27
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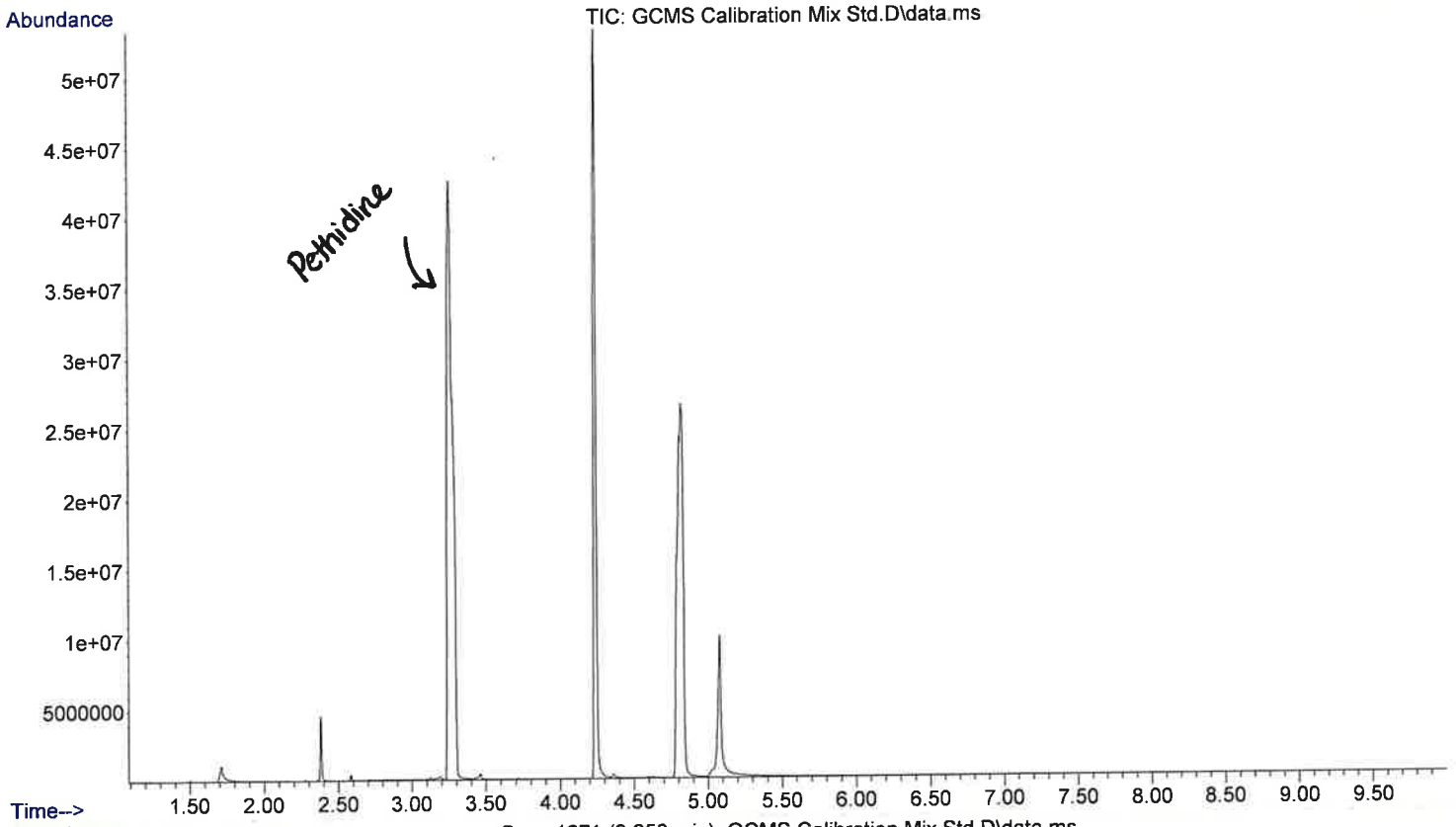
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Sample Name: GCMS Calibration Mix Std Blank
Misc Info : Meoh

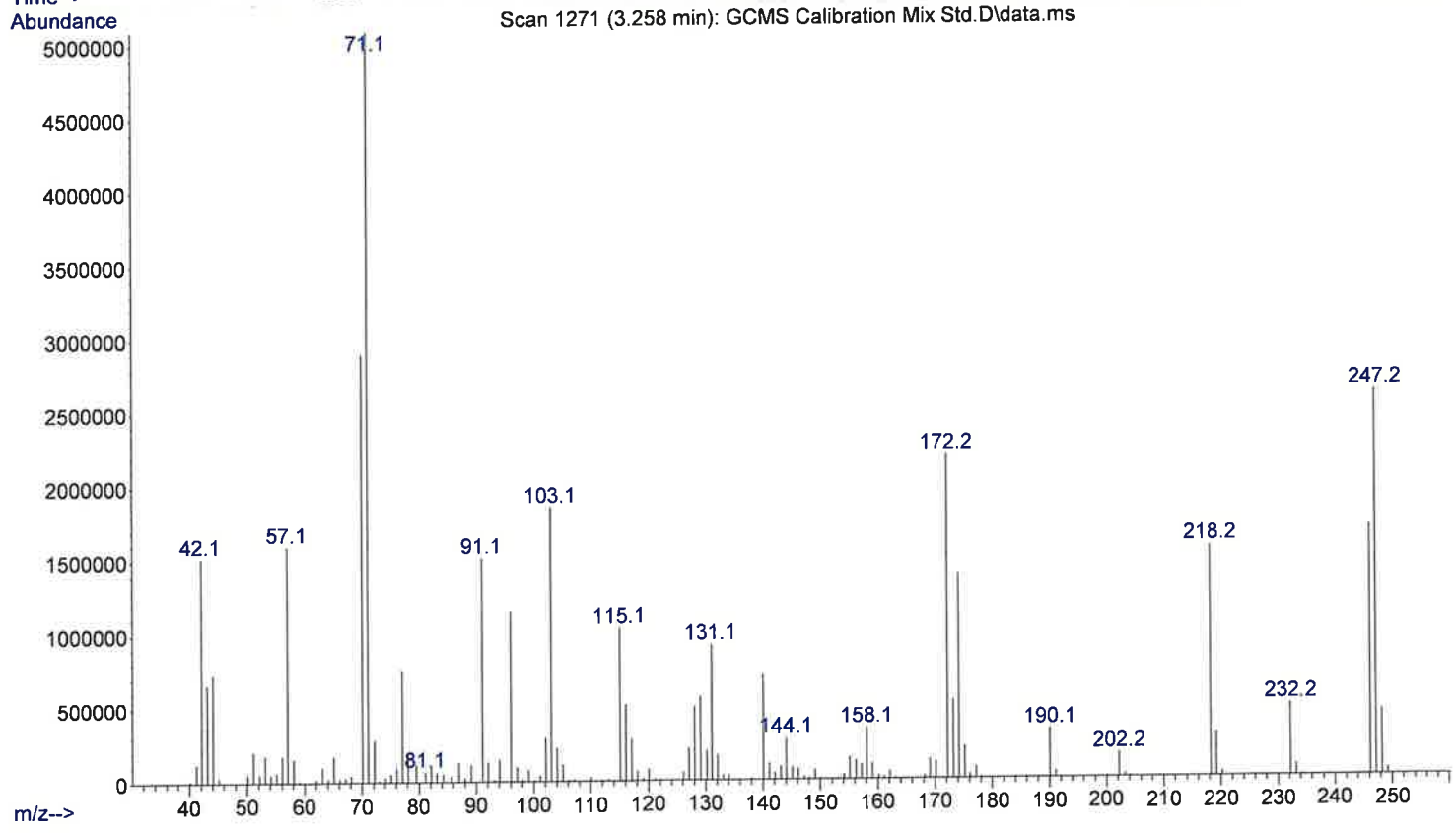




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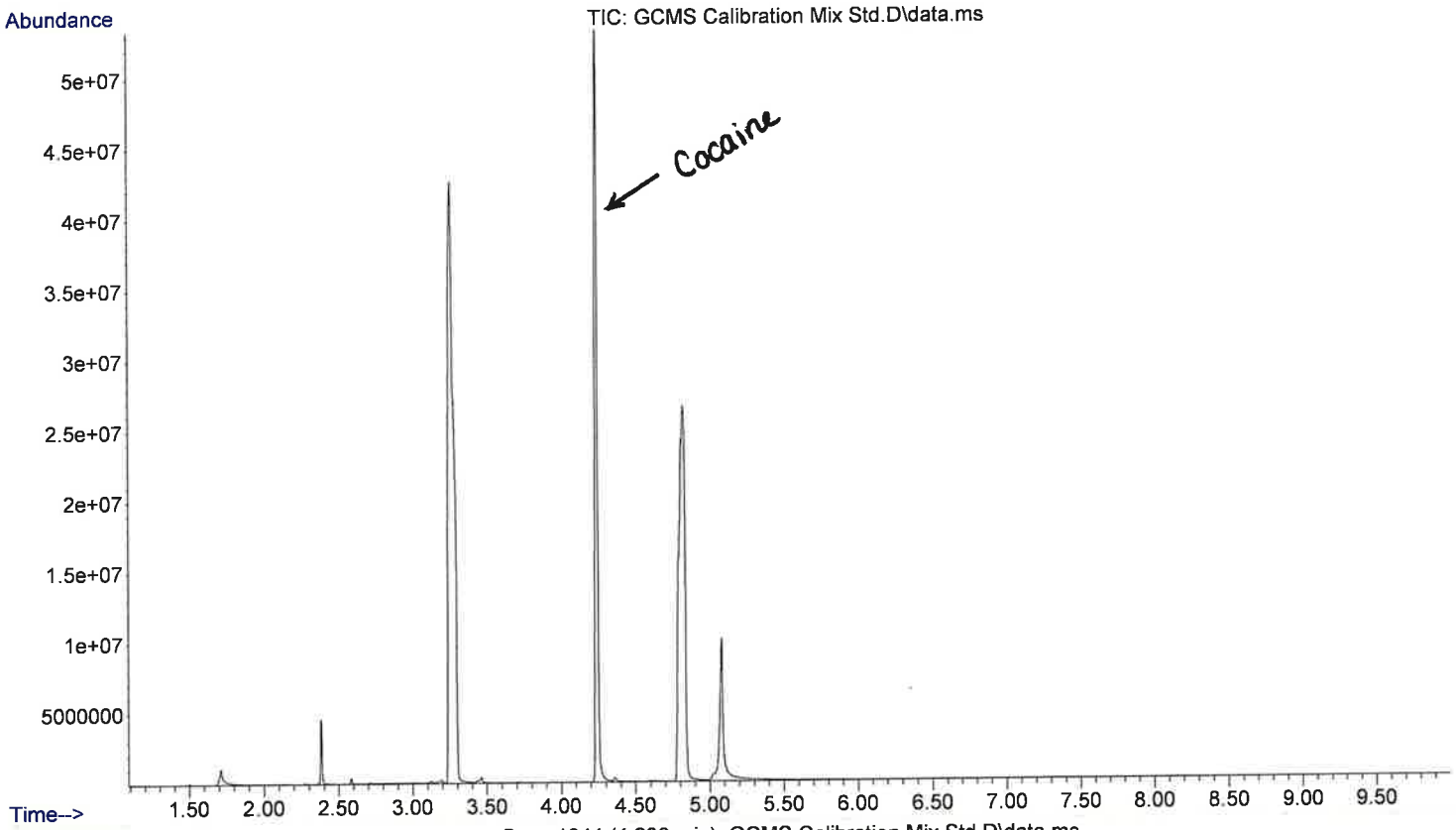
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Misc Info : Meoh,Exp 04-07-26

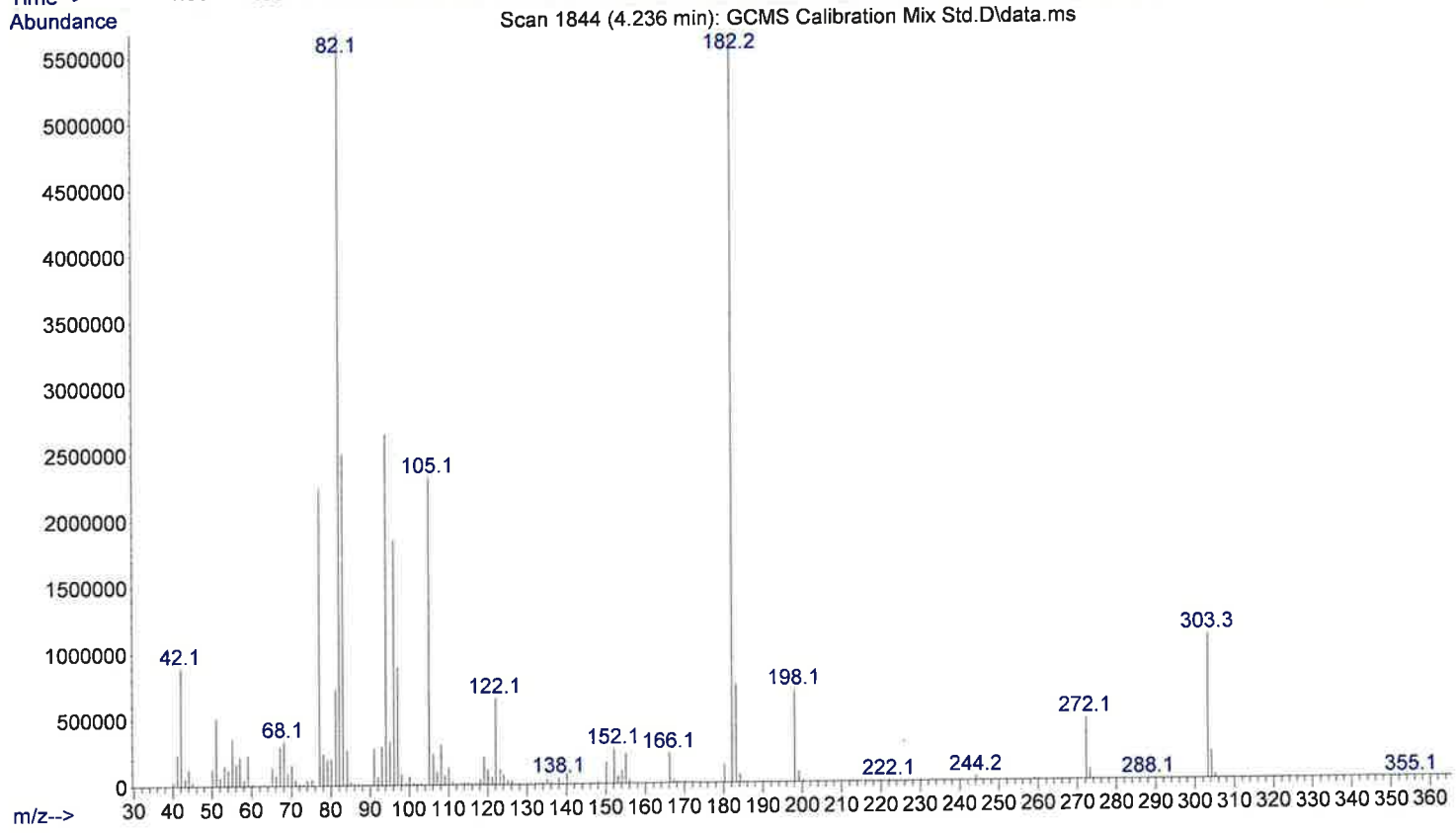




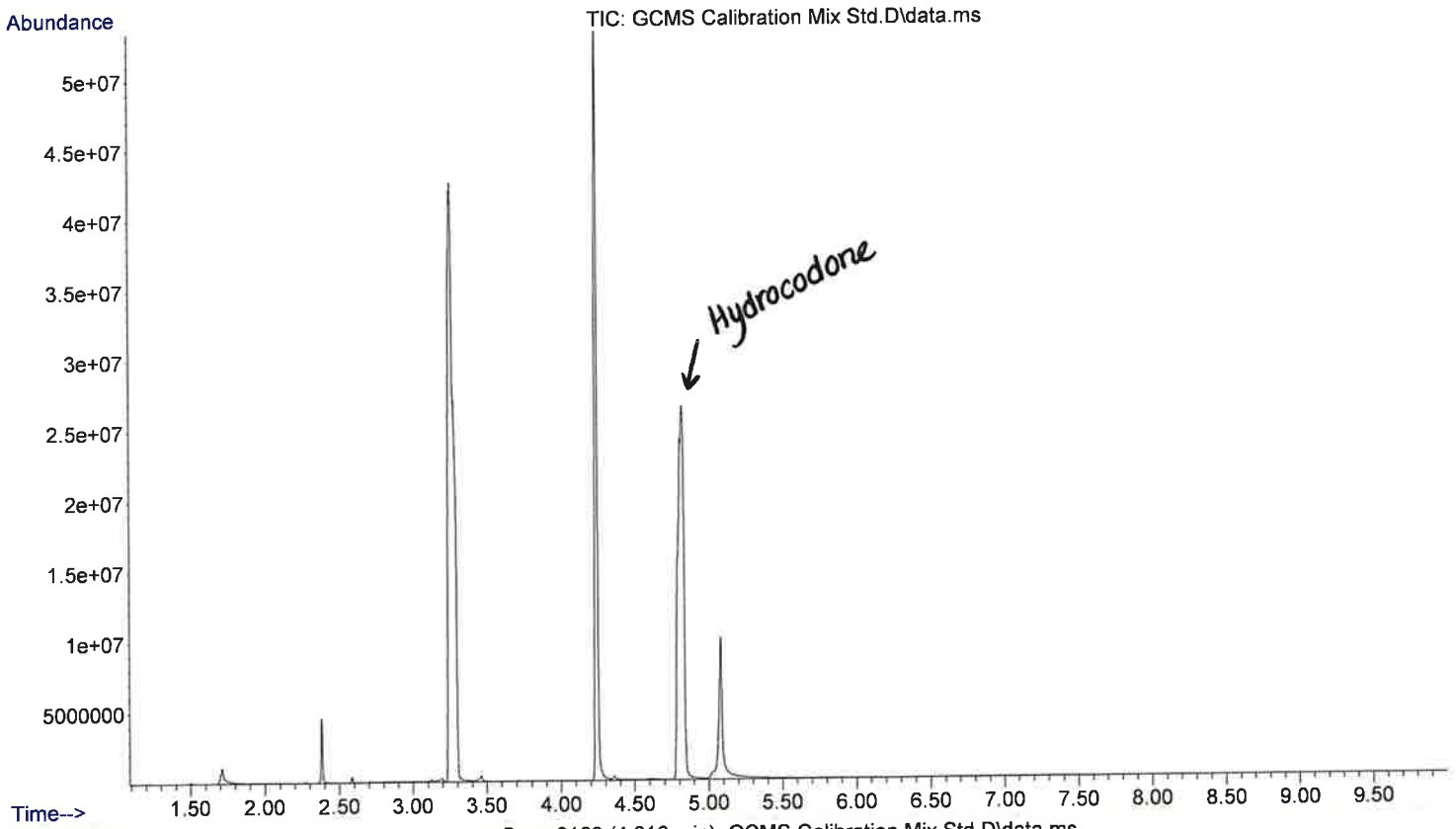
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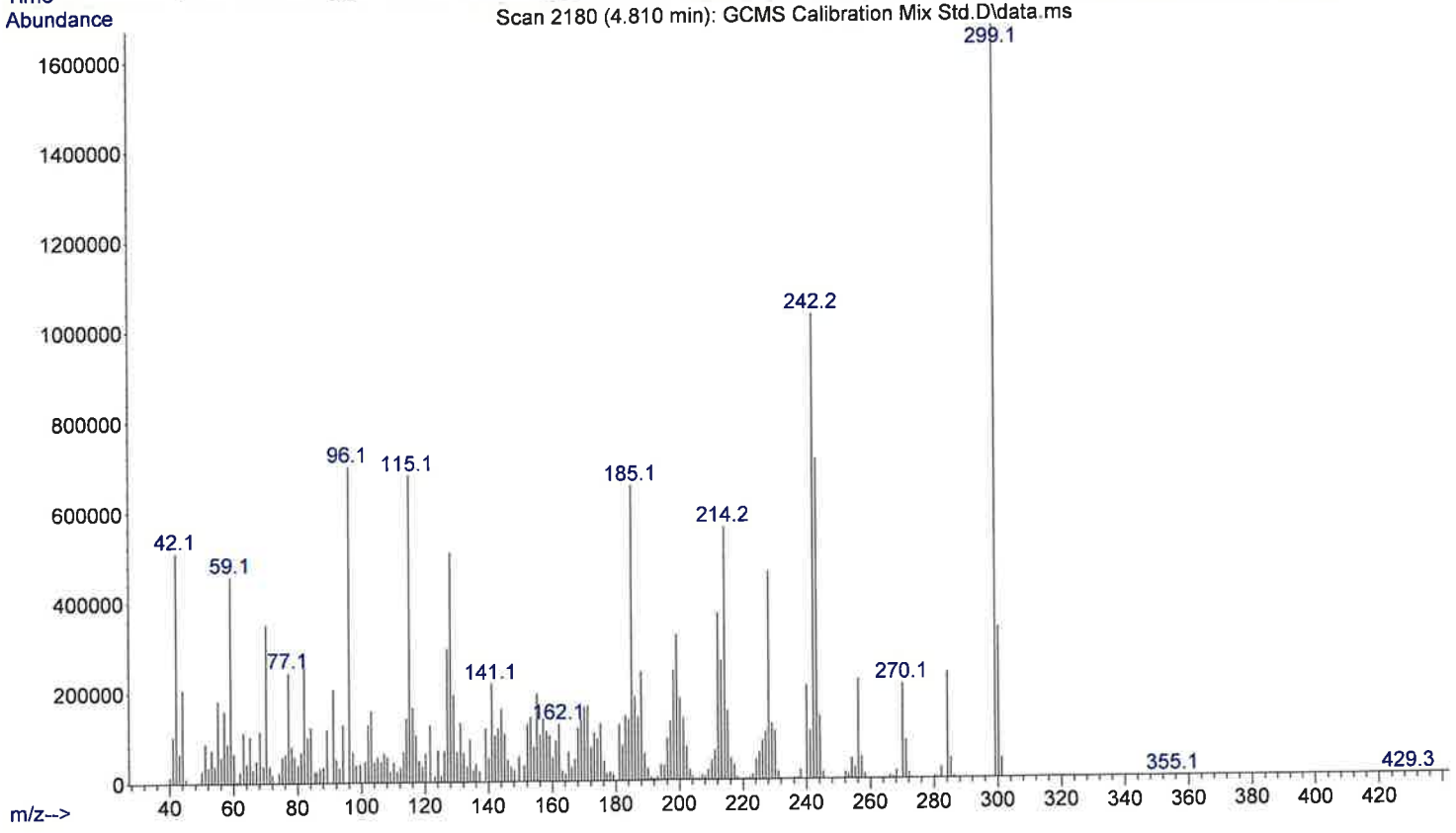
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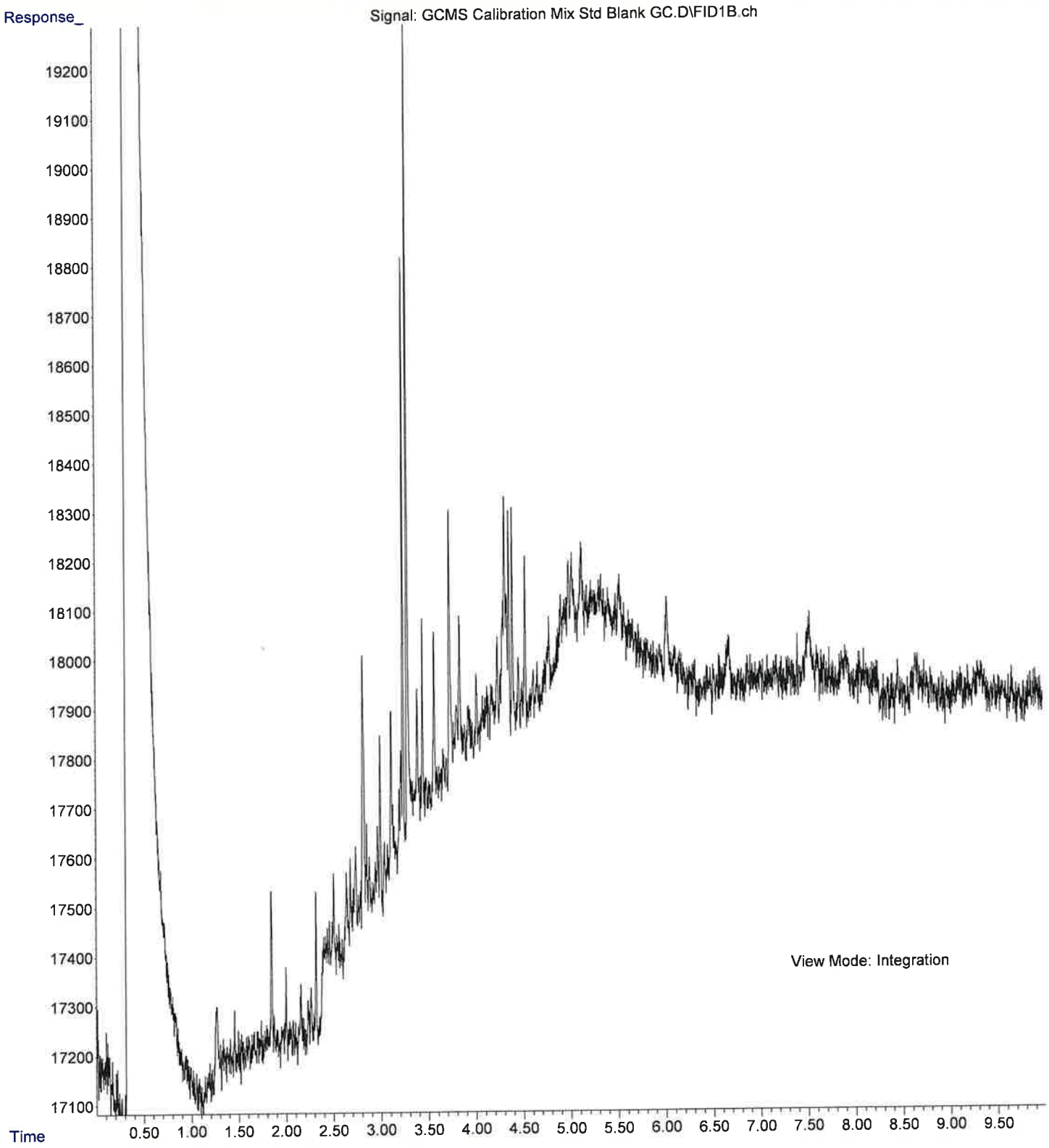


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Instrument :    Quincy
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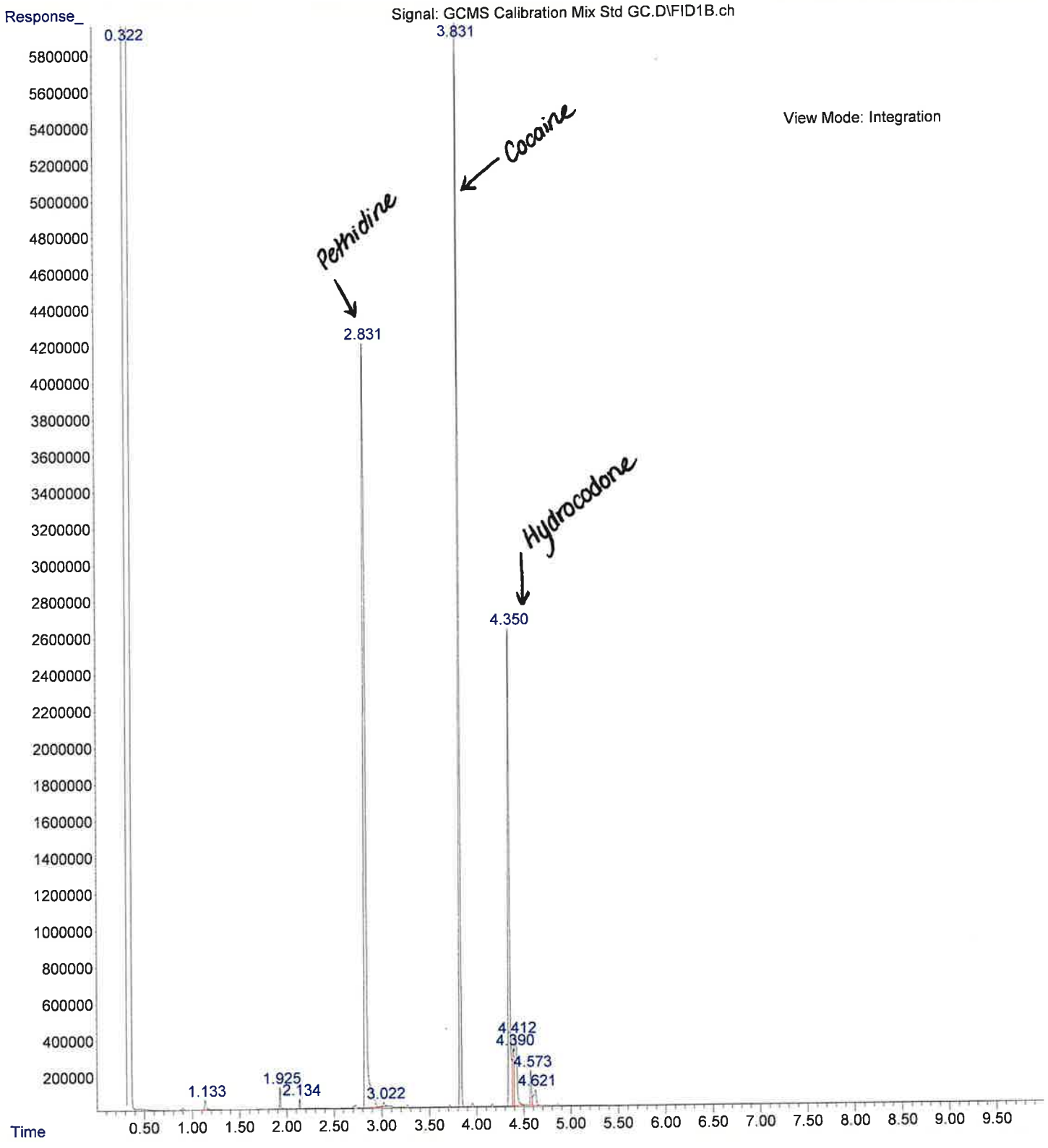




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Sample Name: GCMS Calibration Mix Std Blank GC
Misc Info  : Meoh
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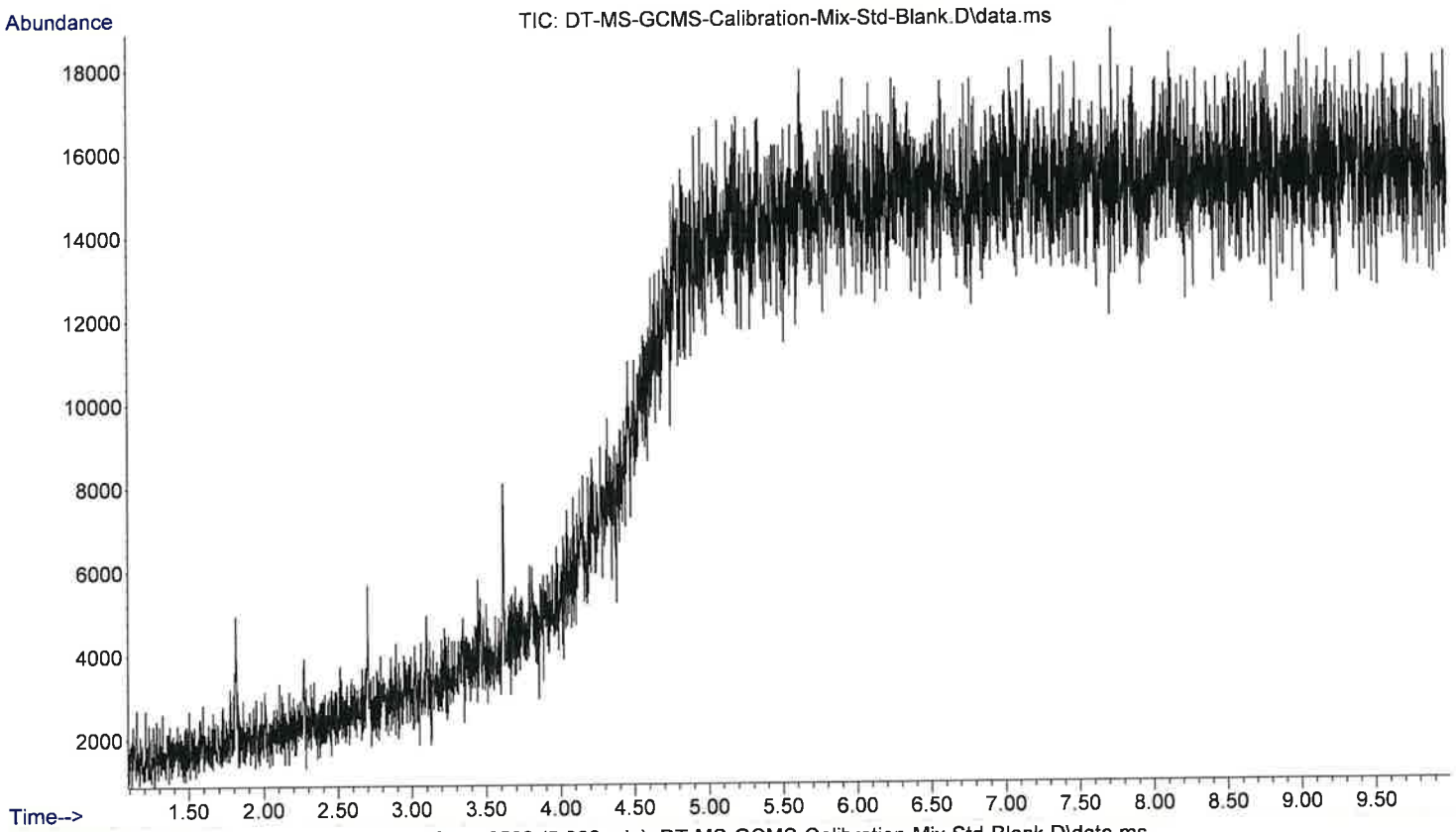


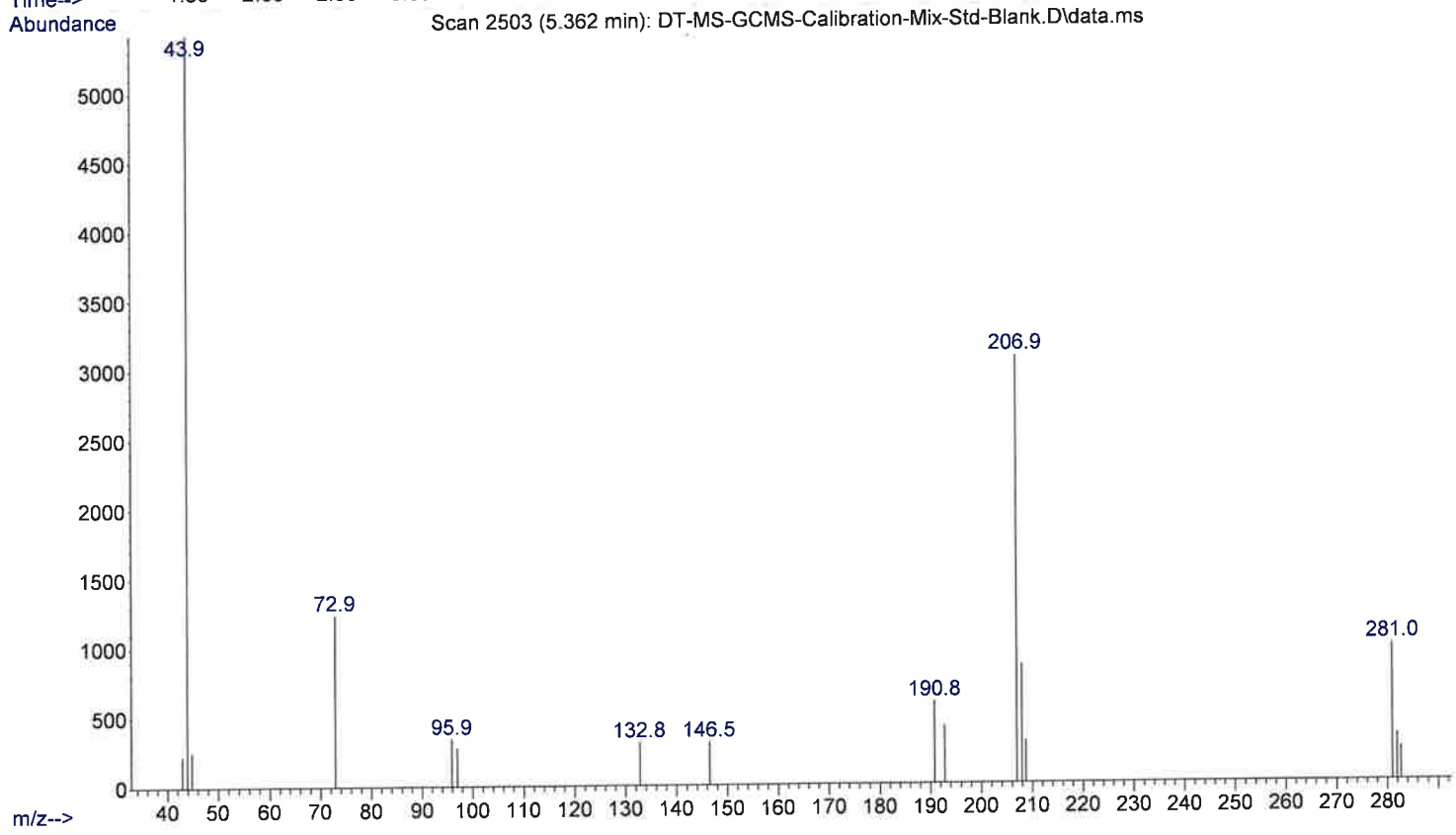
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Sample Name: GCMS Calibration Mix Std GC
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alb

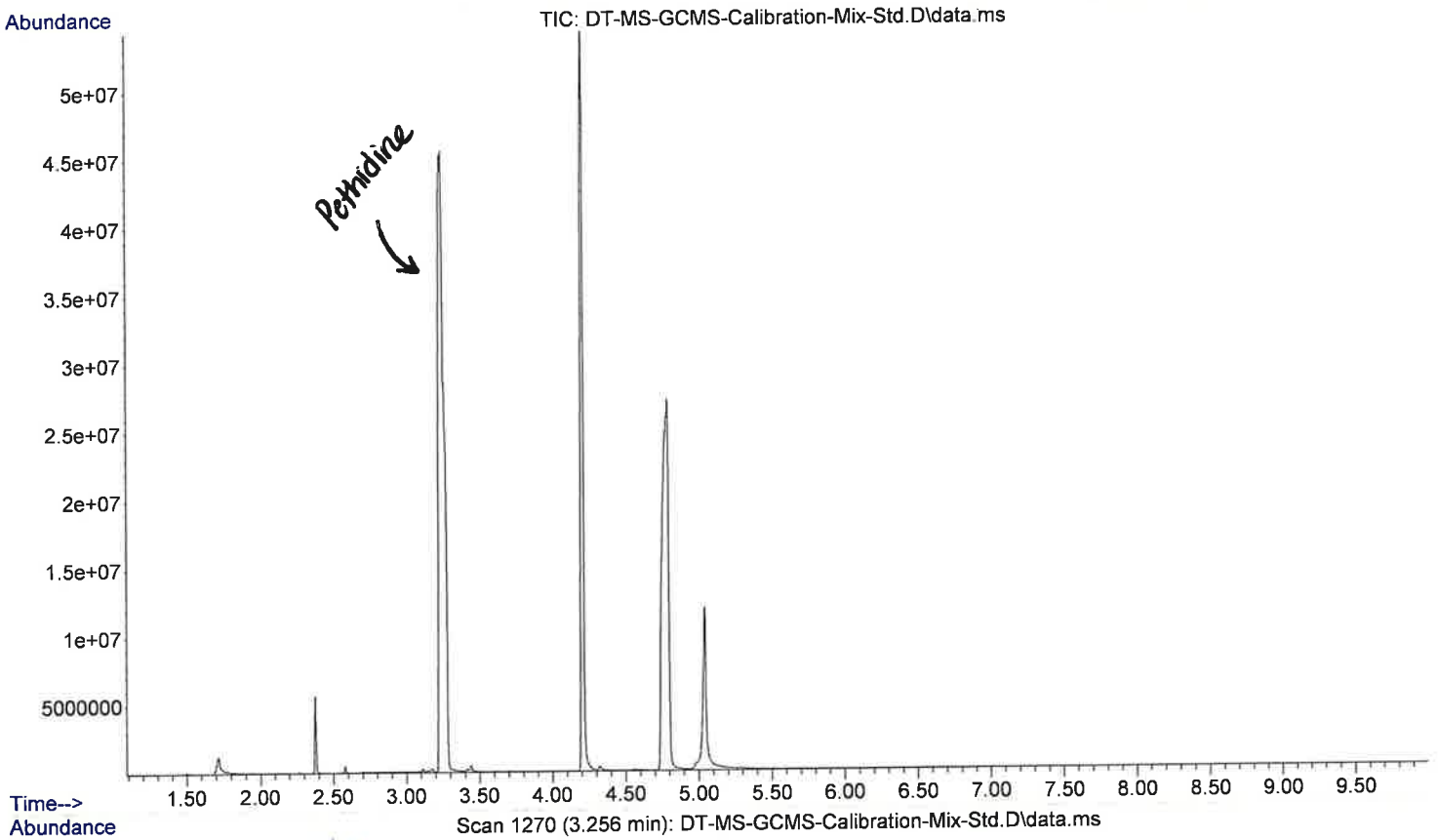
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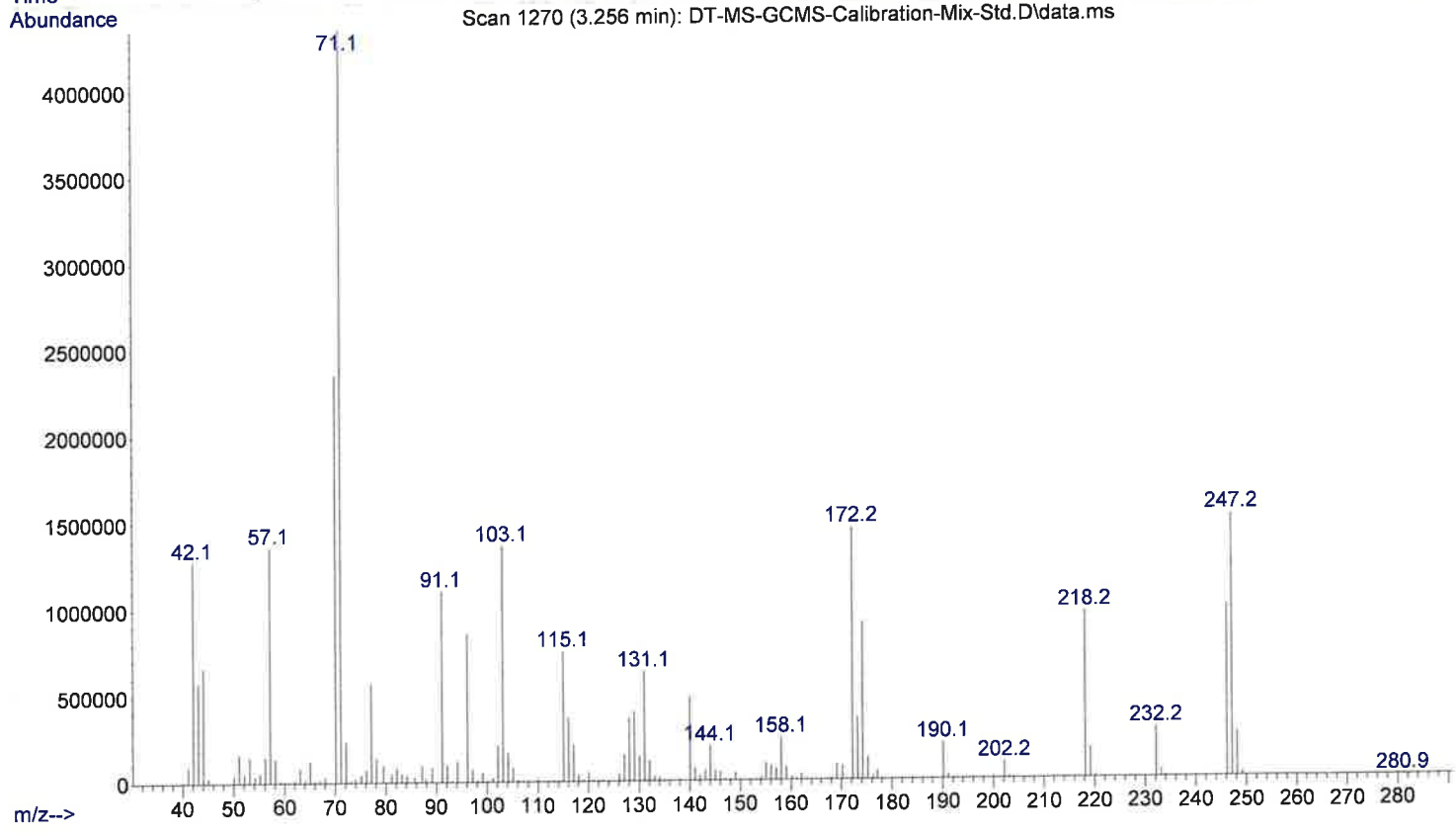




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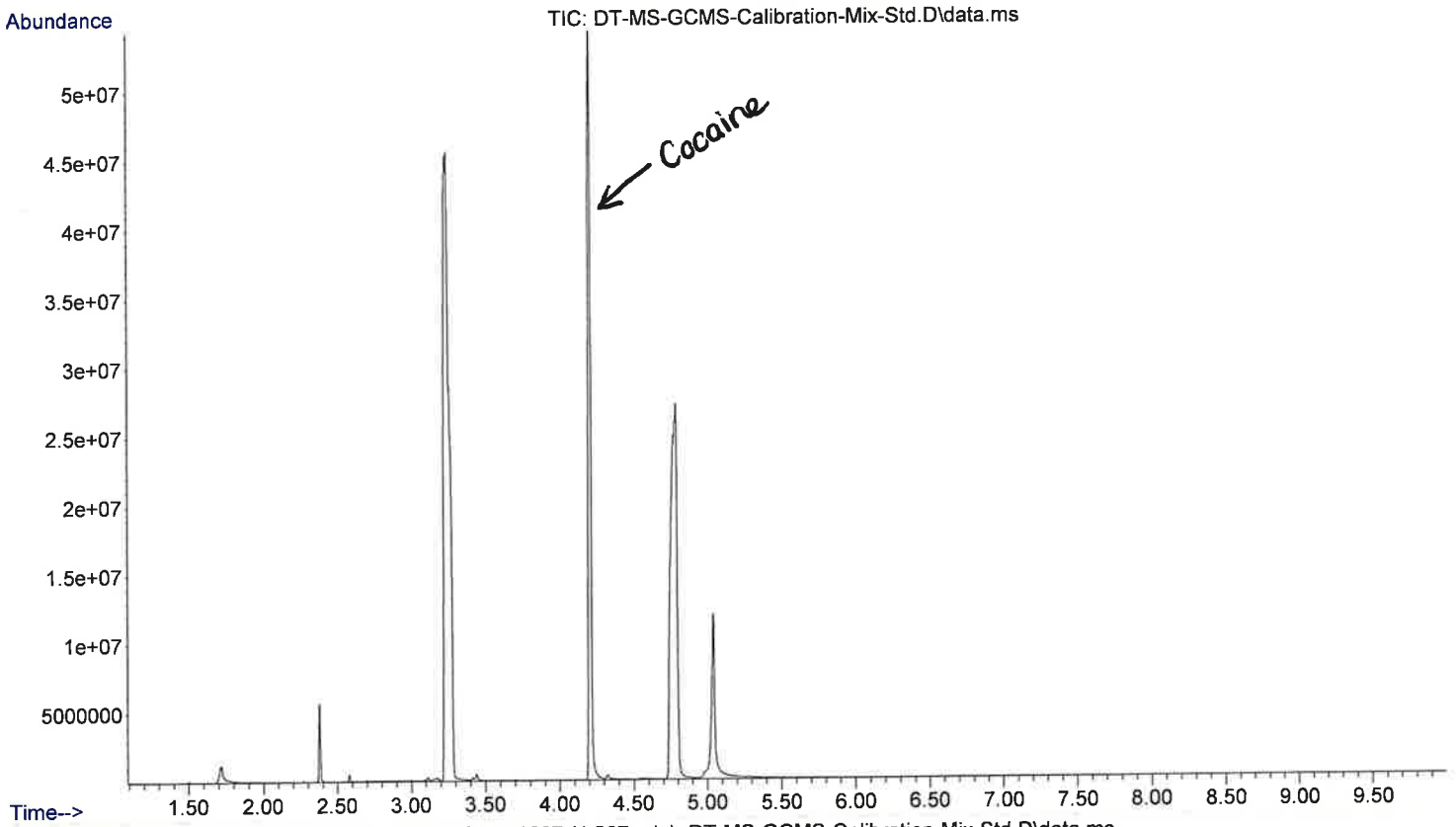
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Misc Info : Meoh,Exp 09-18-25

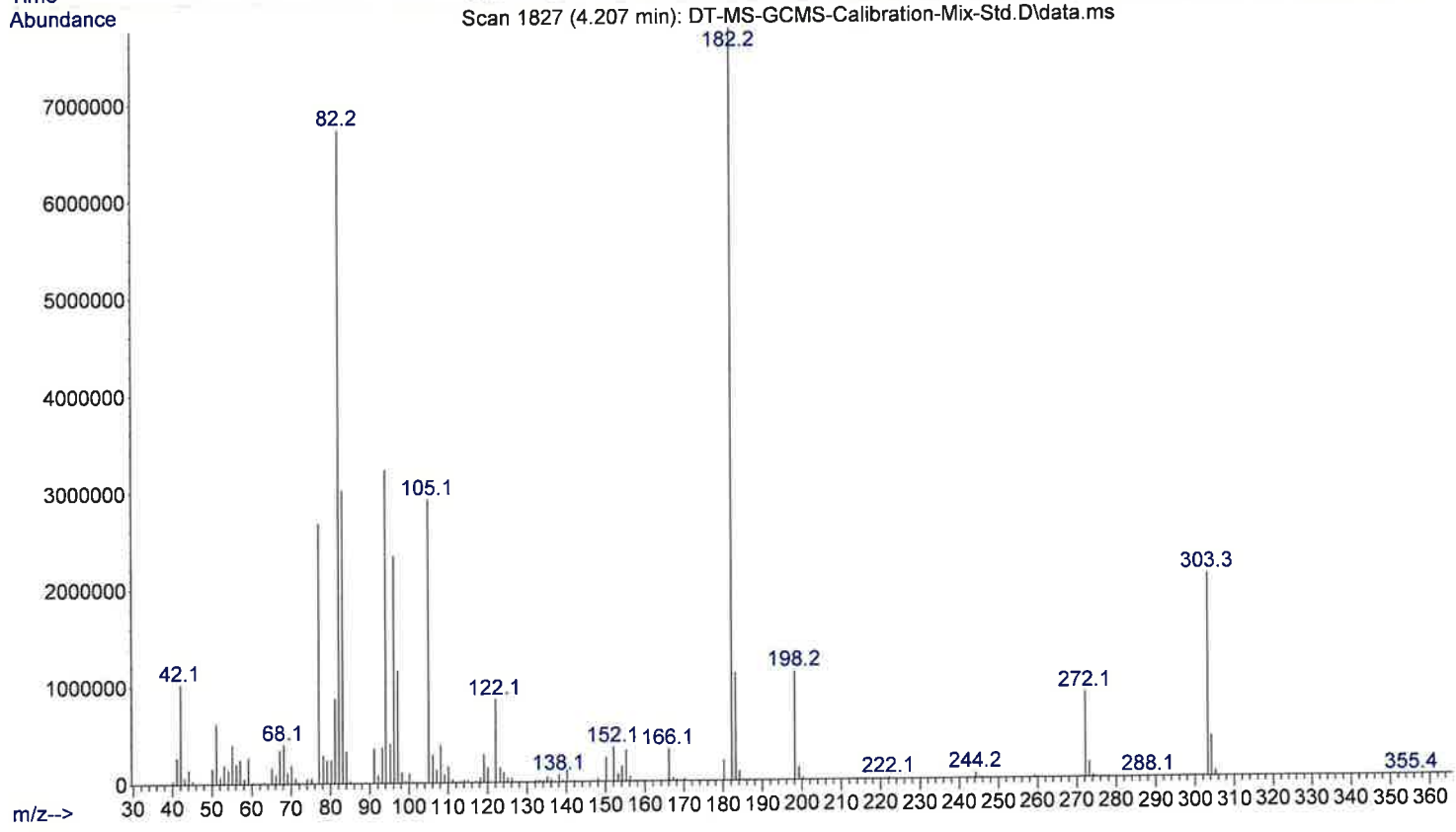




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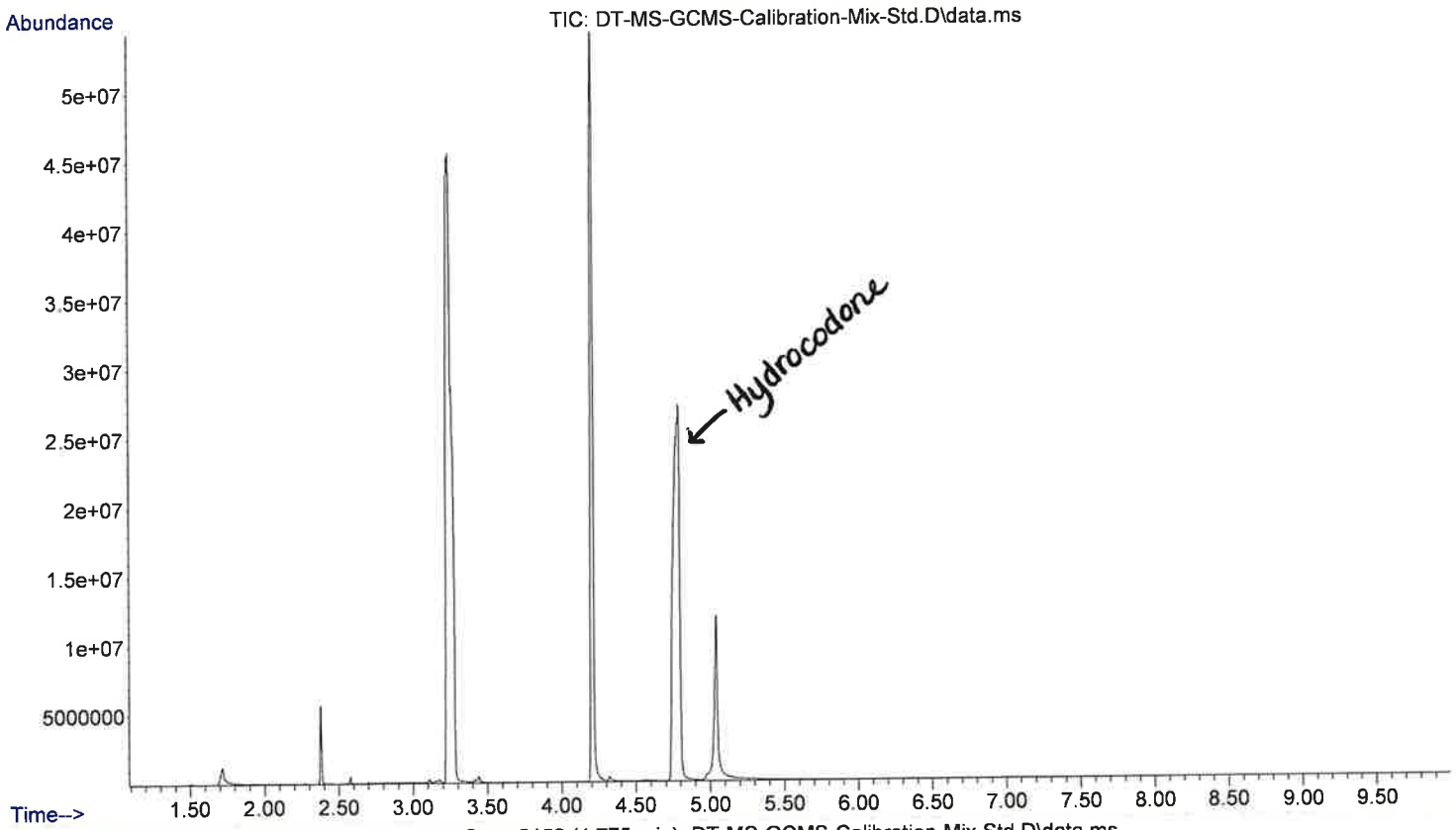
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Sample Name: GCMS Calibration Mix Std
Misc Info : Meoh,Exp 09-18-25

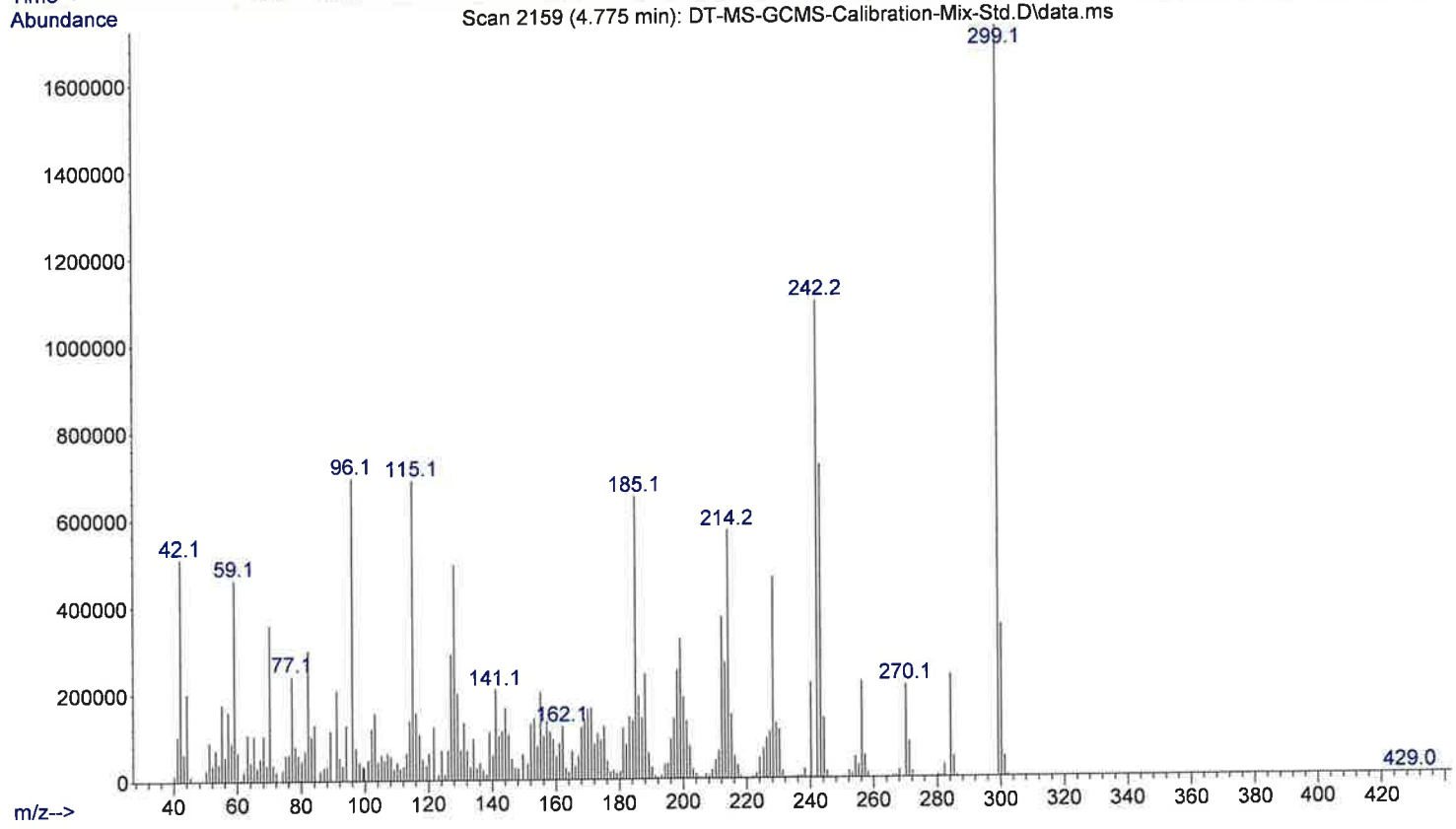




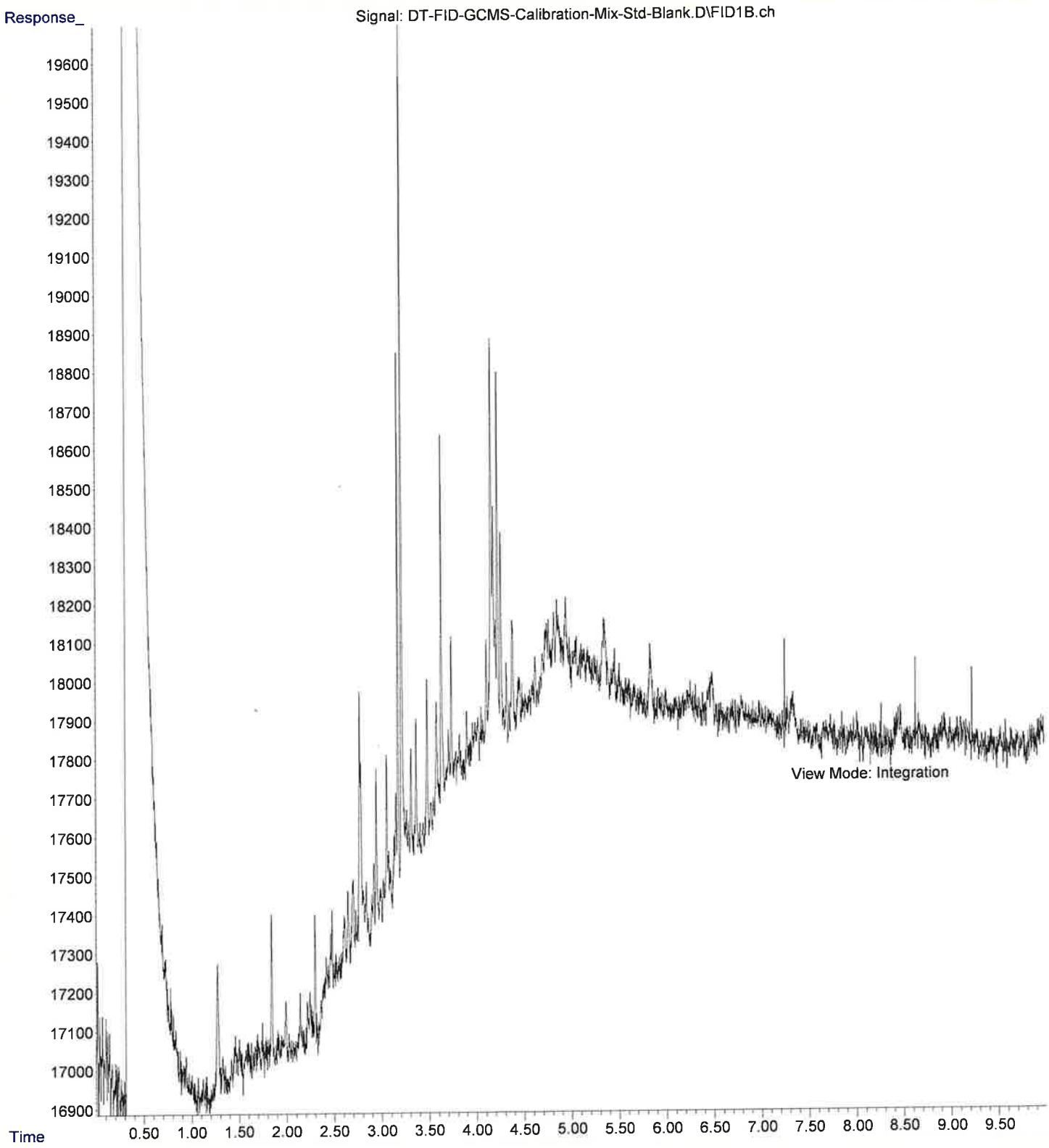
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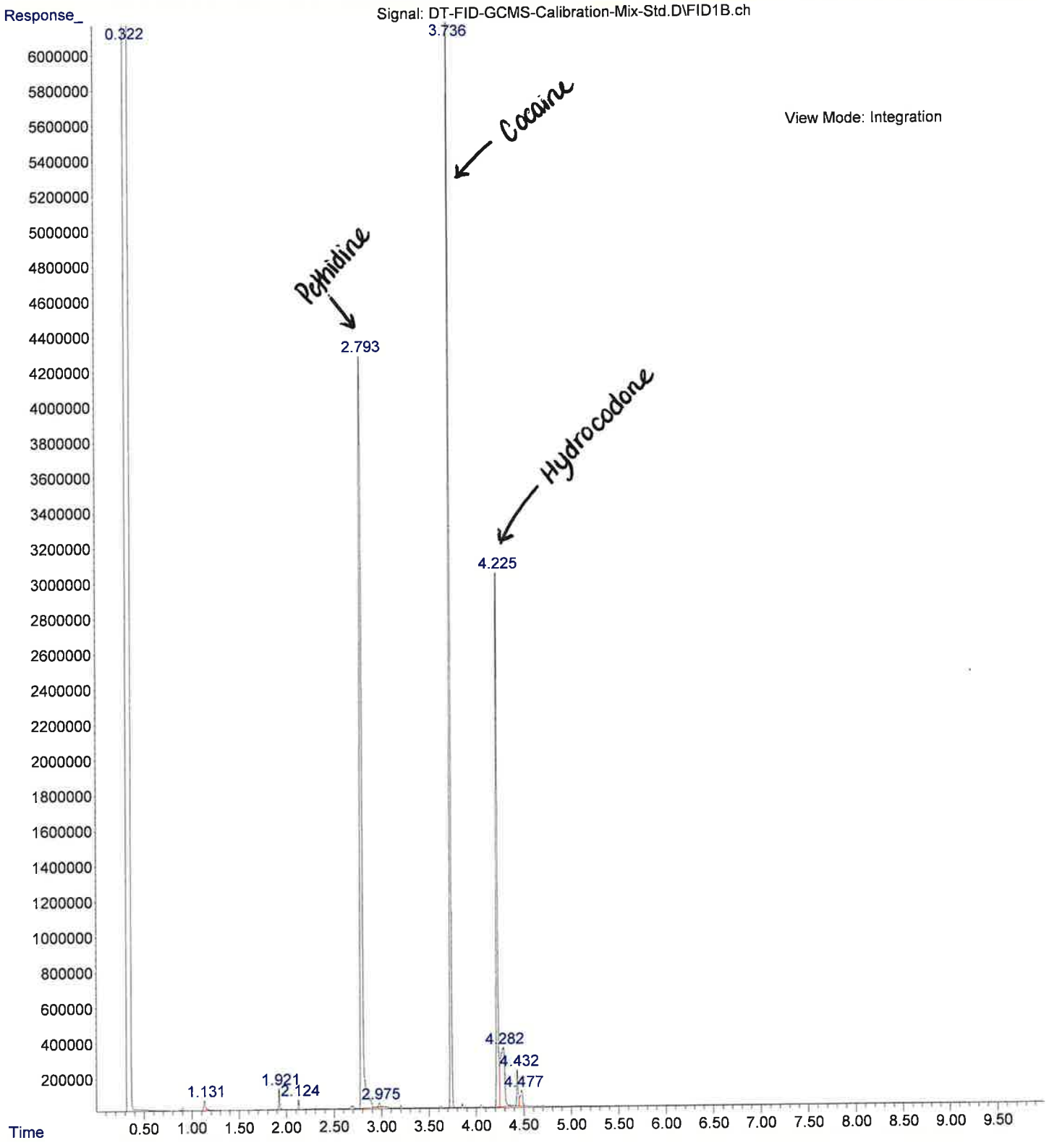


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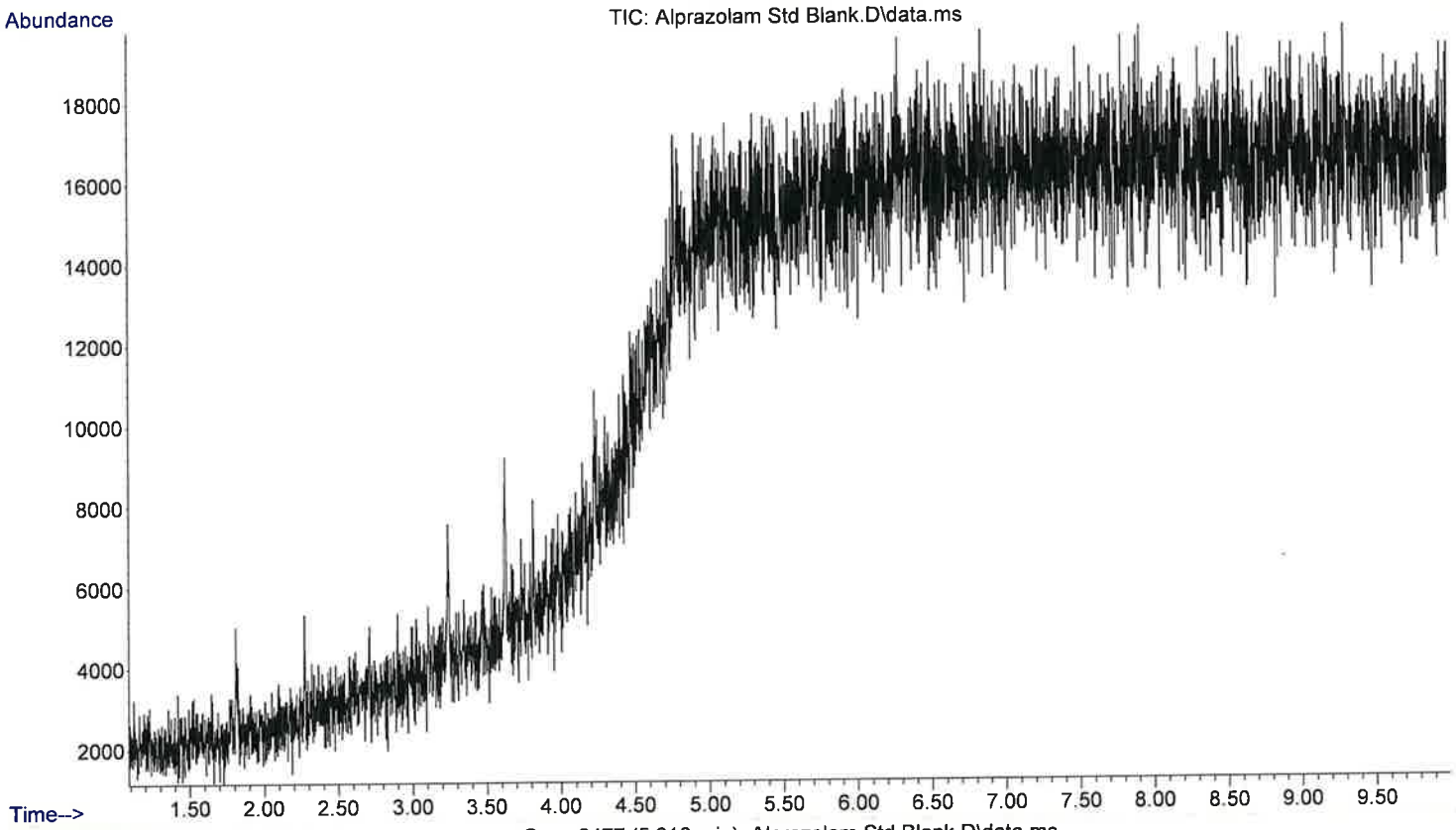


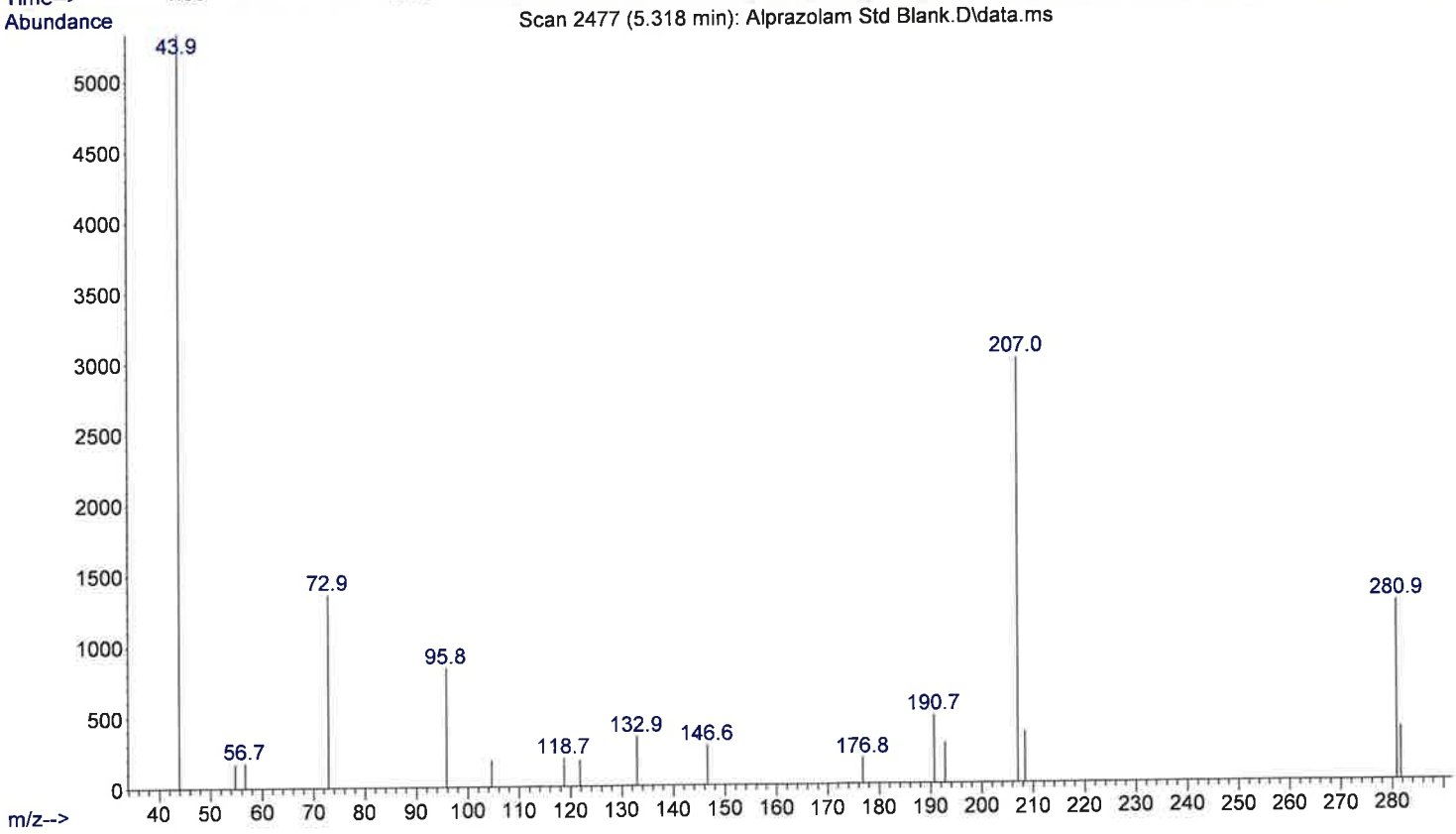
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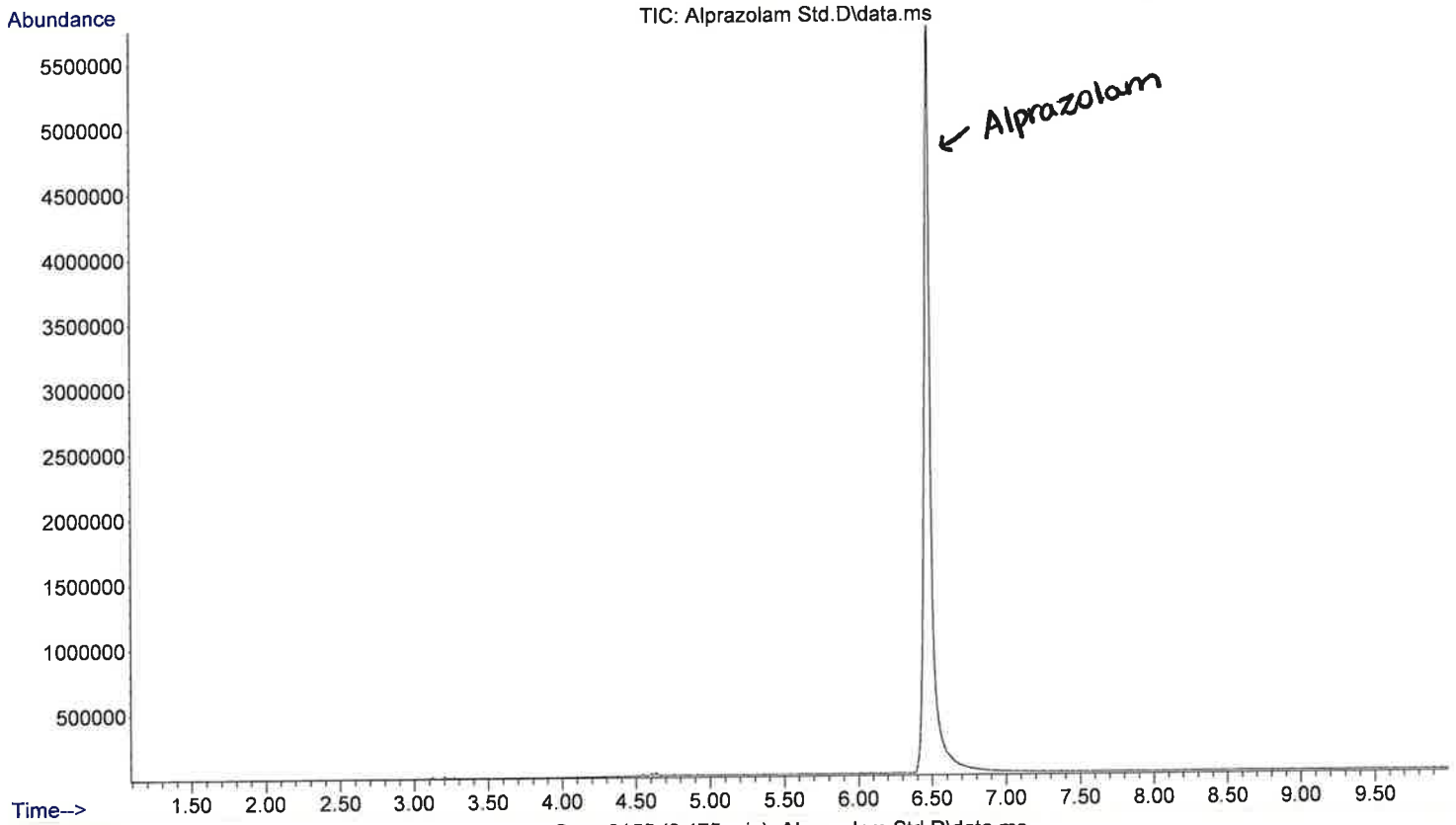


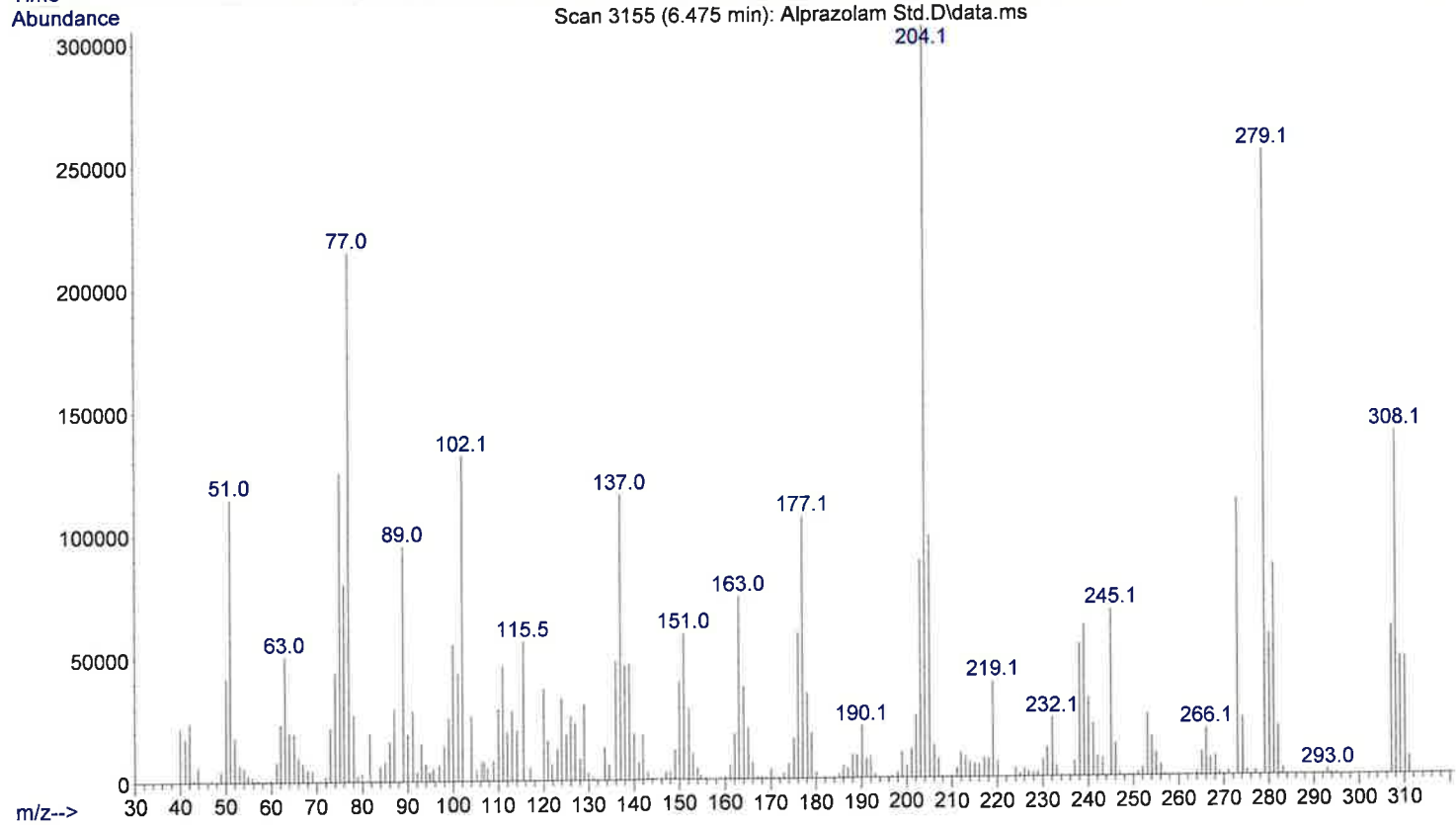
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Sample Name: Alprazolam Std Blank
Misc Info : Meoh



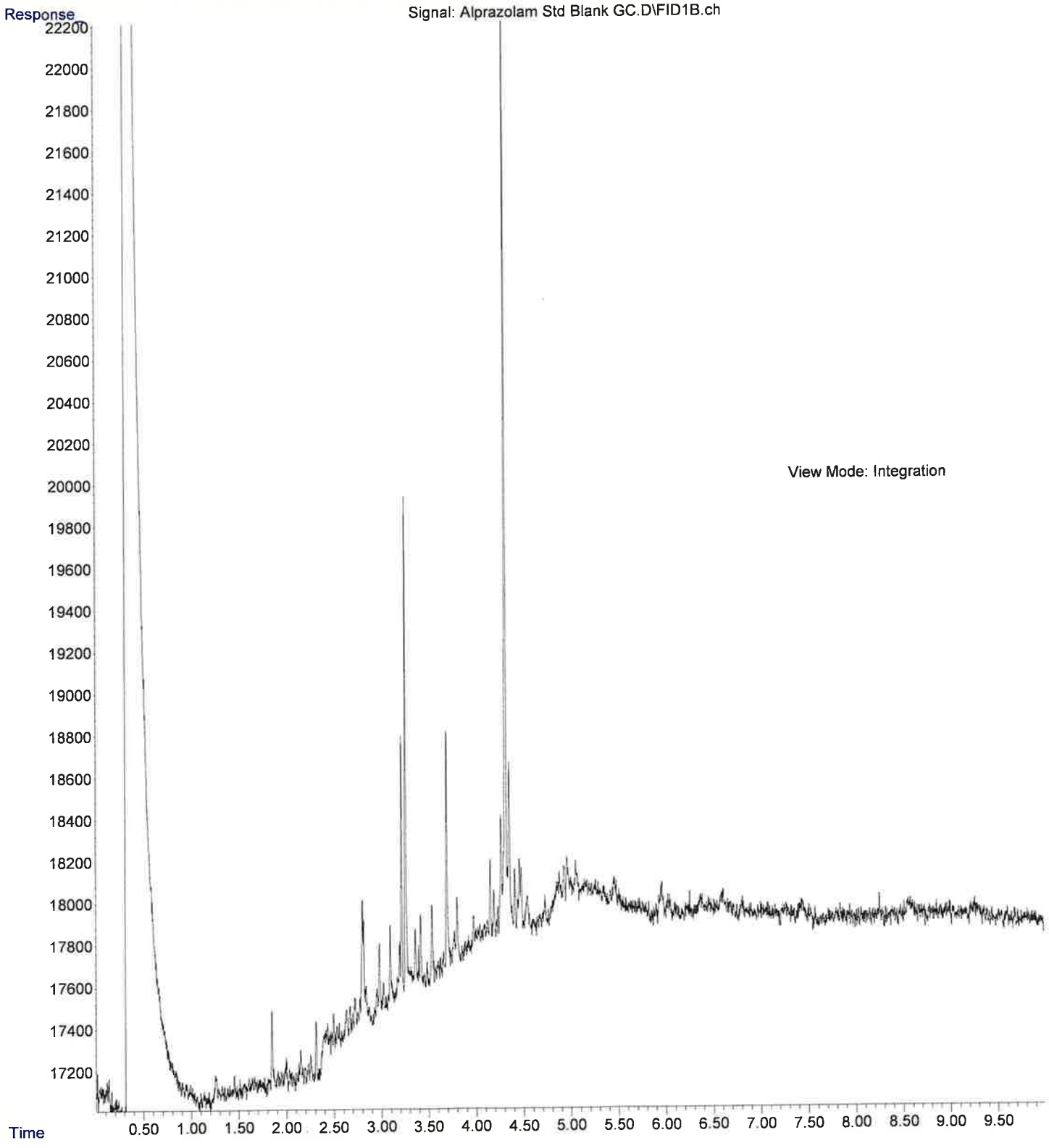


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Misc Info  : Meoh,Cerilliant,LotFE050032221,Exp01-31-28
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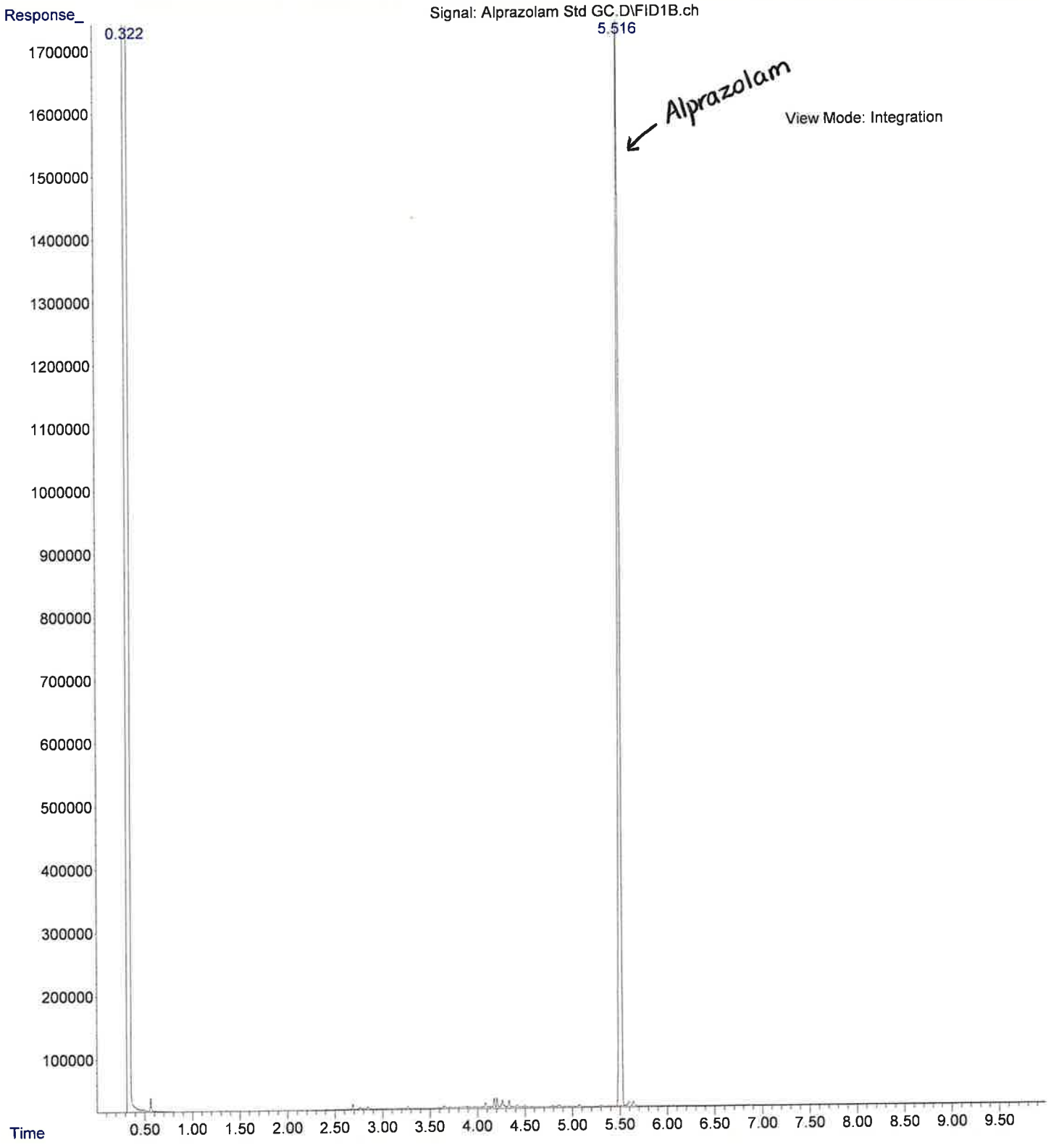




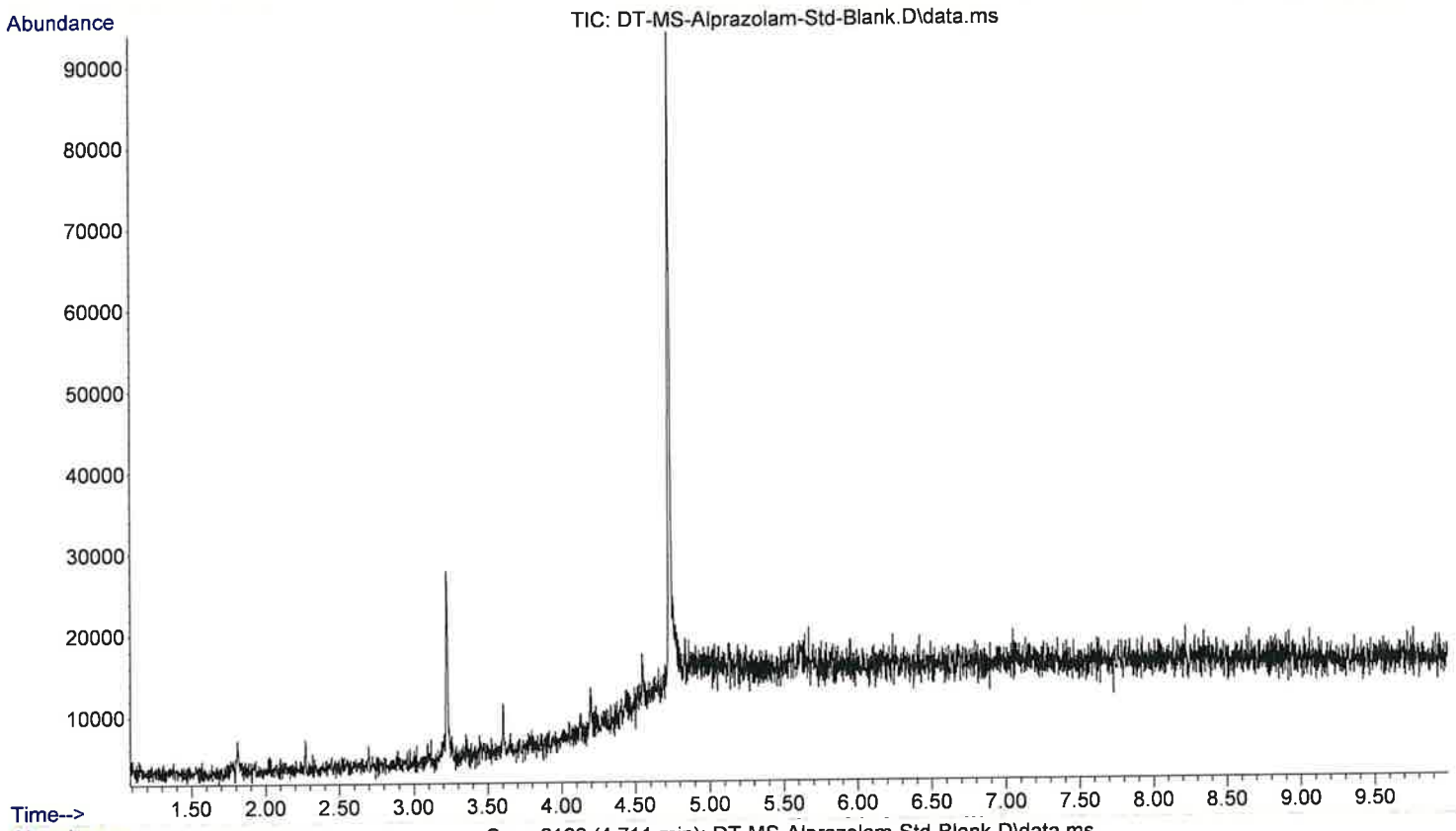
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Misc Info  : Meoh
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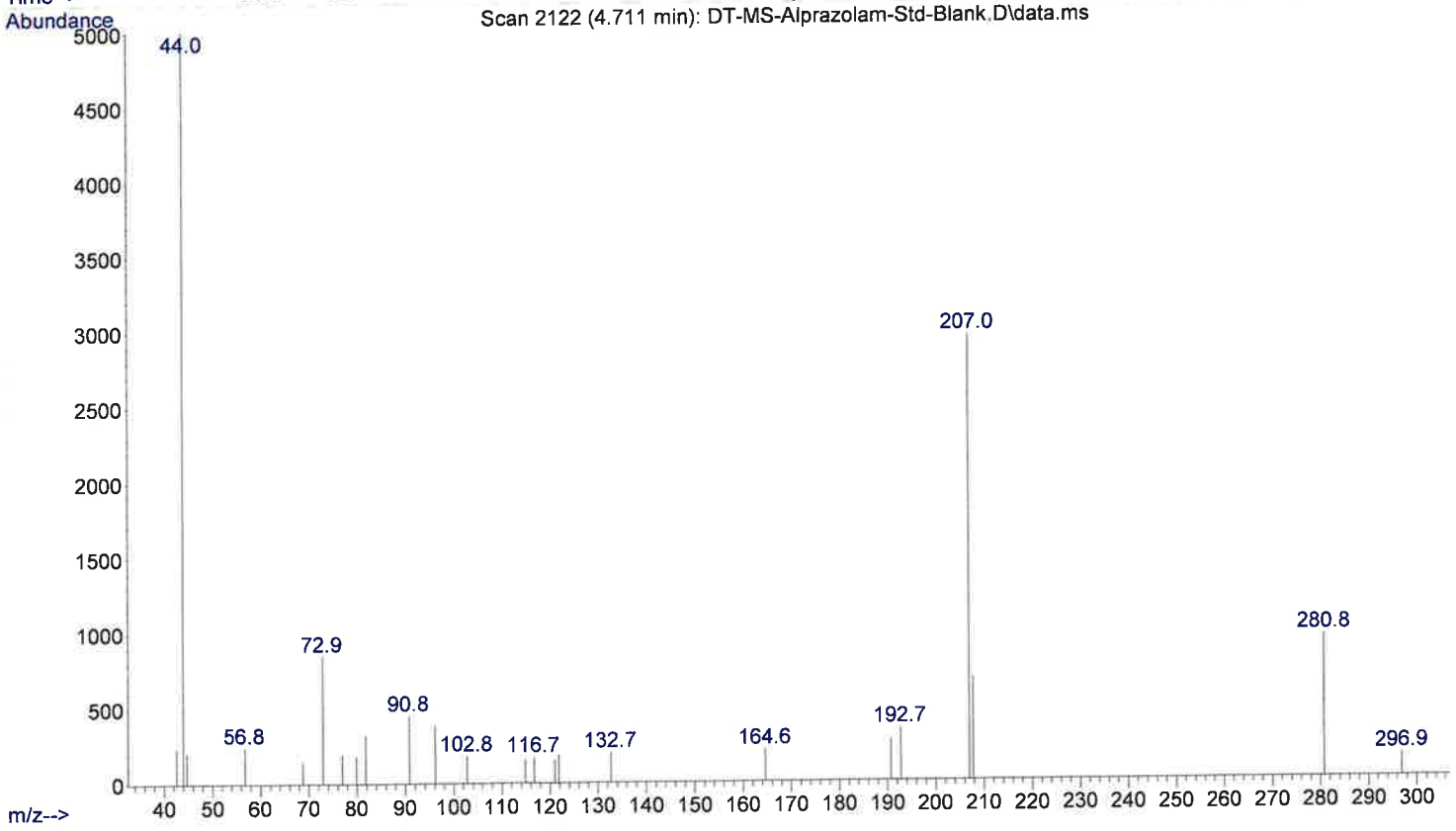


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Sample Name: Alprazolam Std GC
Misc Info  : Meoh,Cerilliant,LotFE050032221,Exp01-31-28
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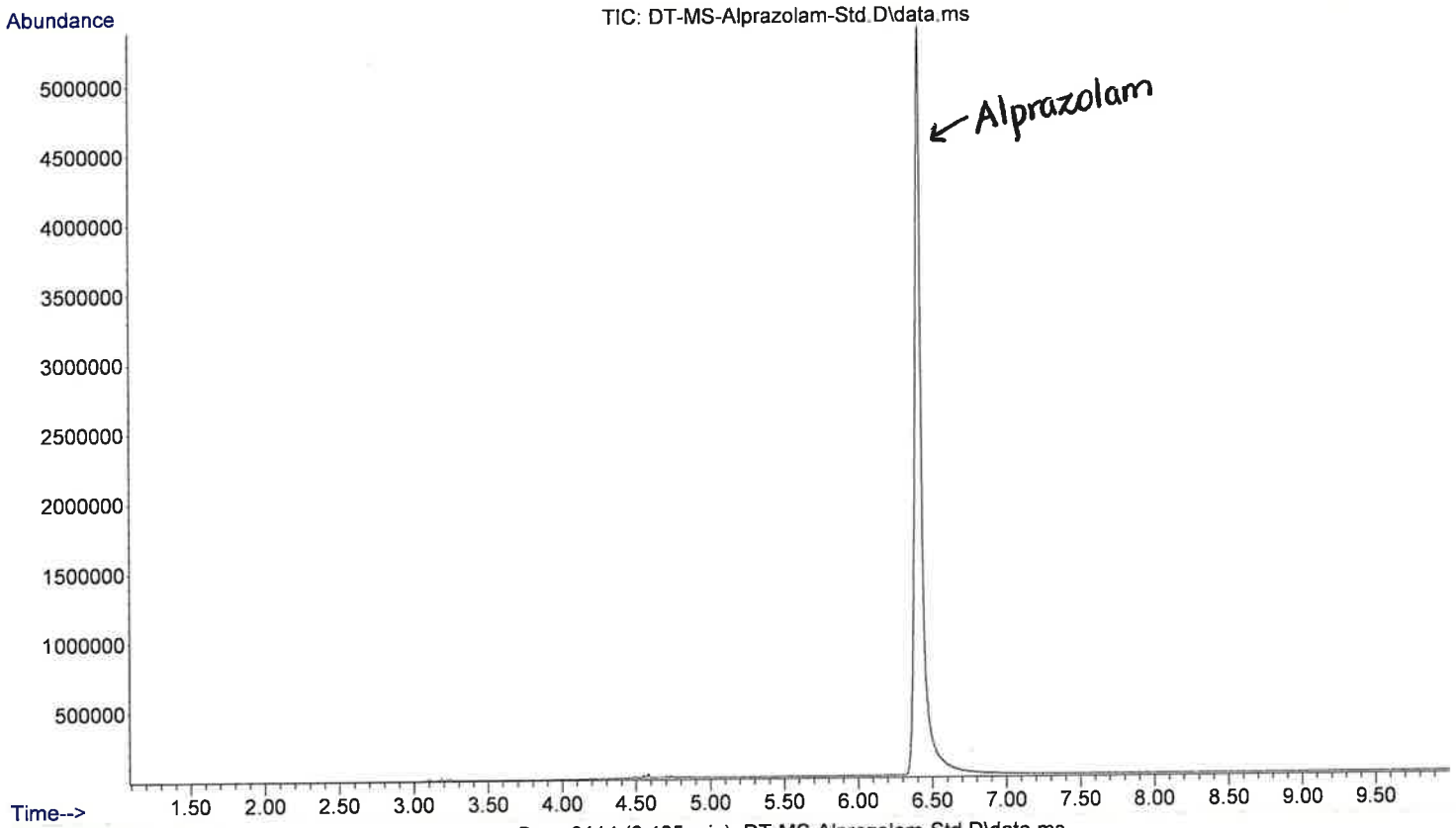


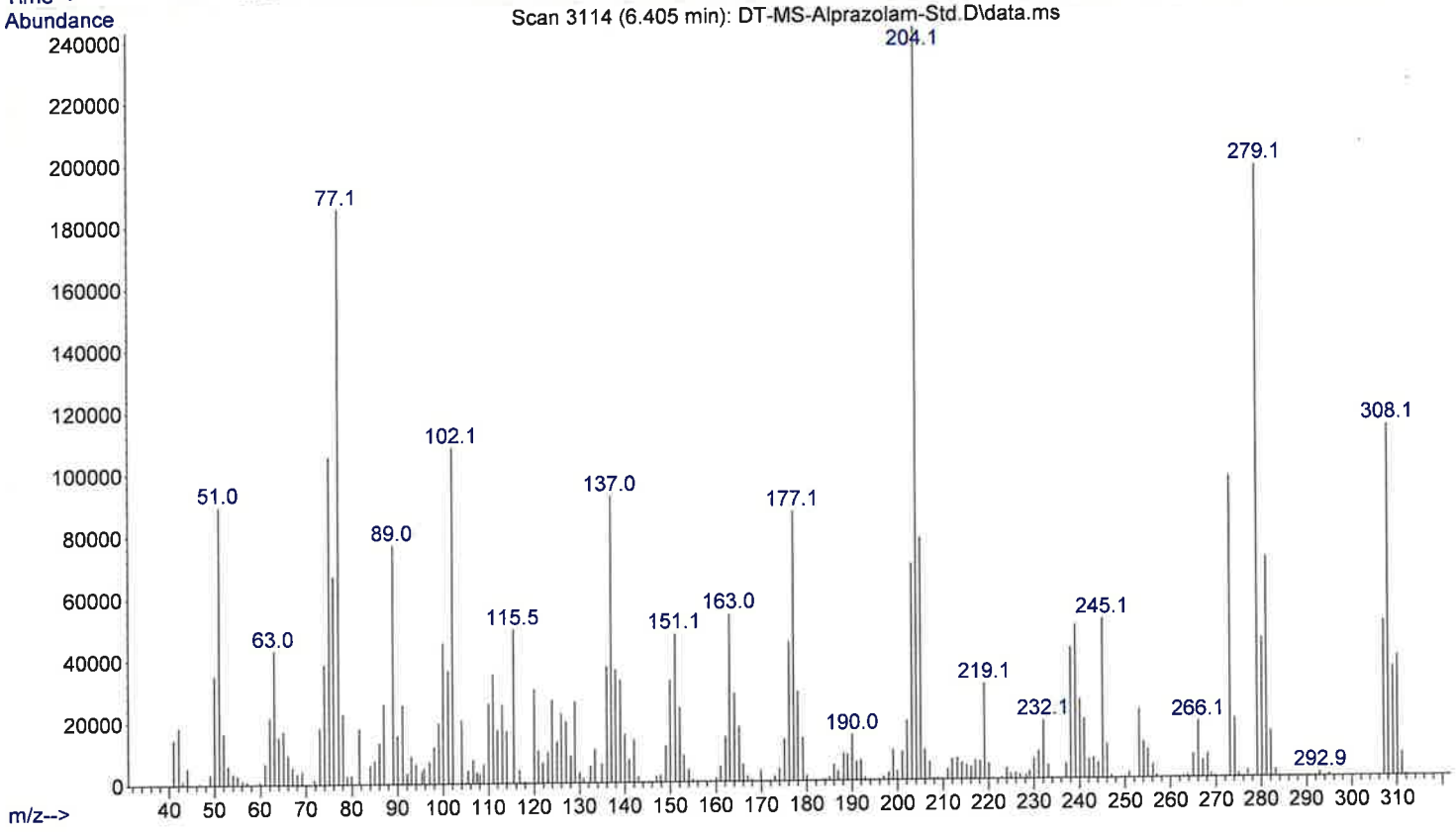
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Sample Name: Alprazolam Std Blank
Misc Info : Meoh



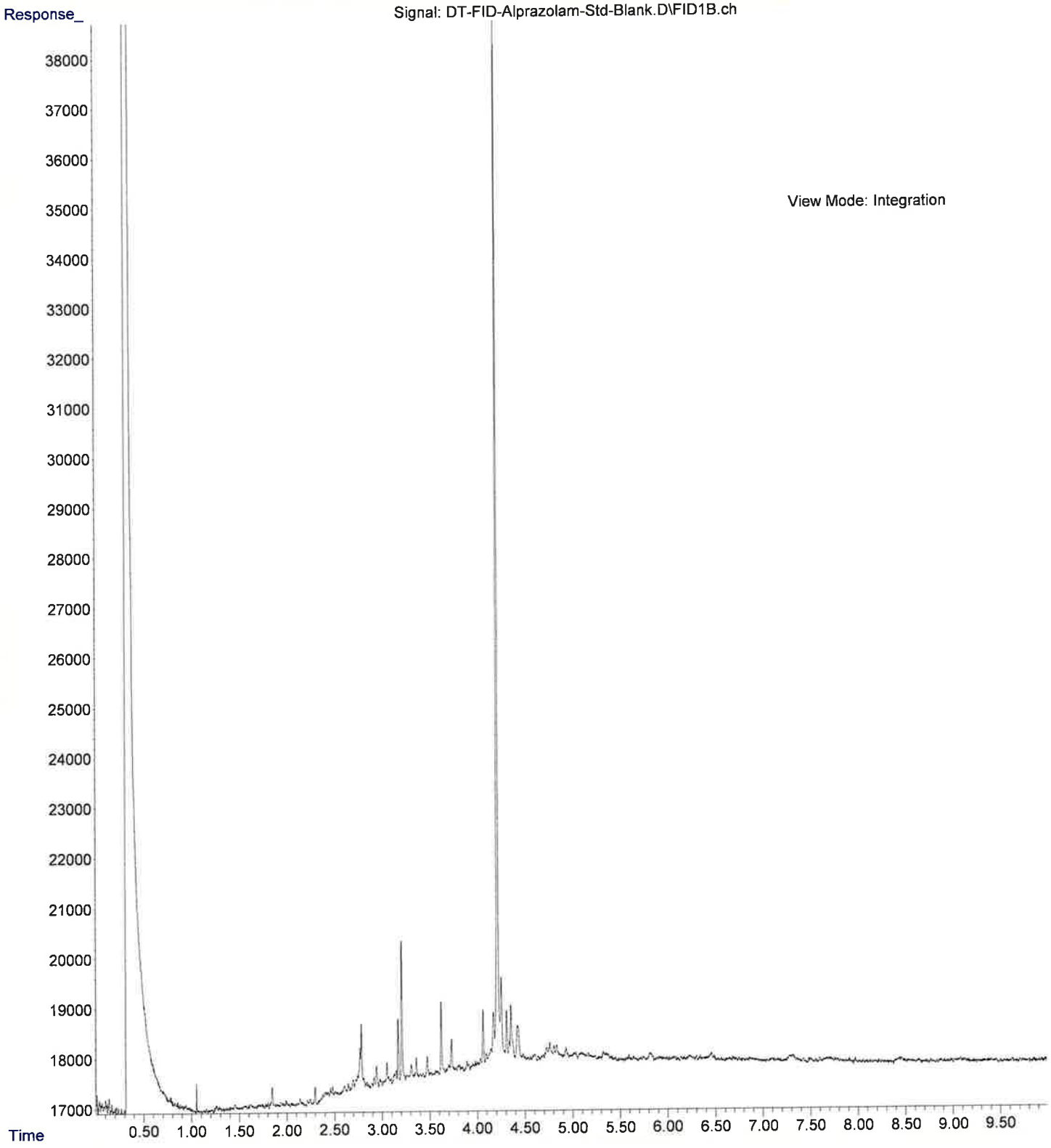


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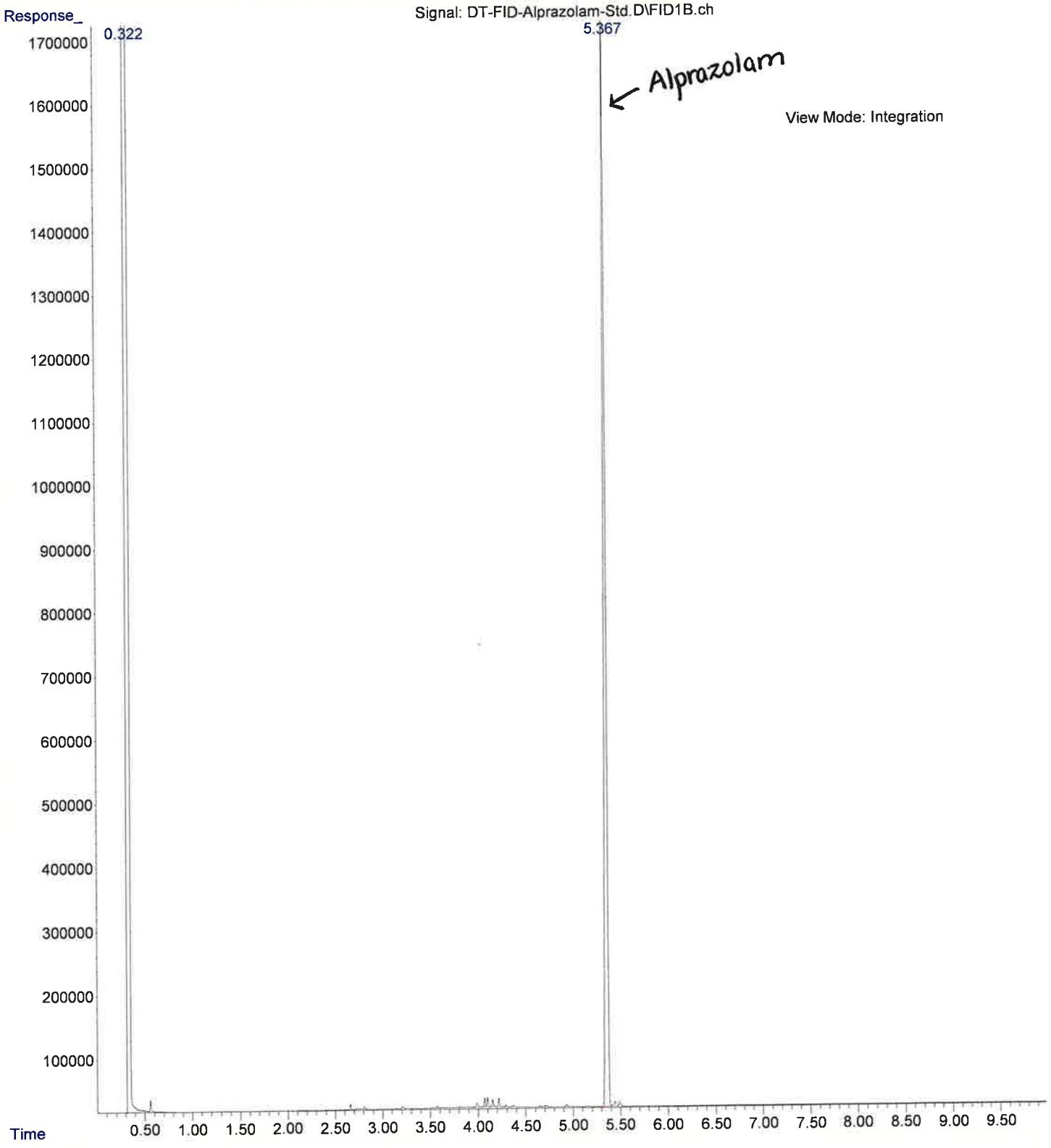




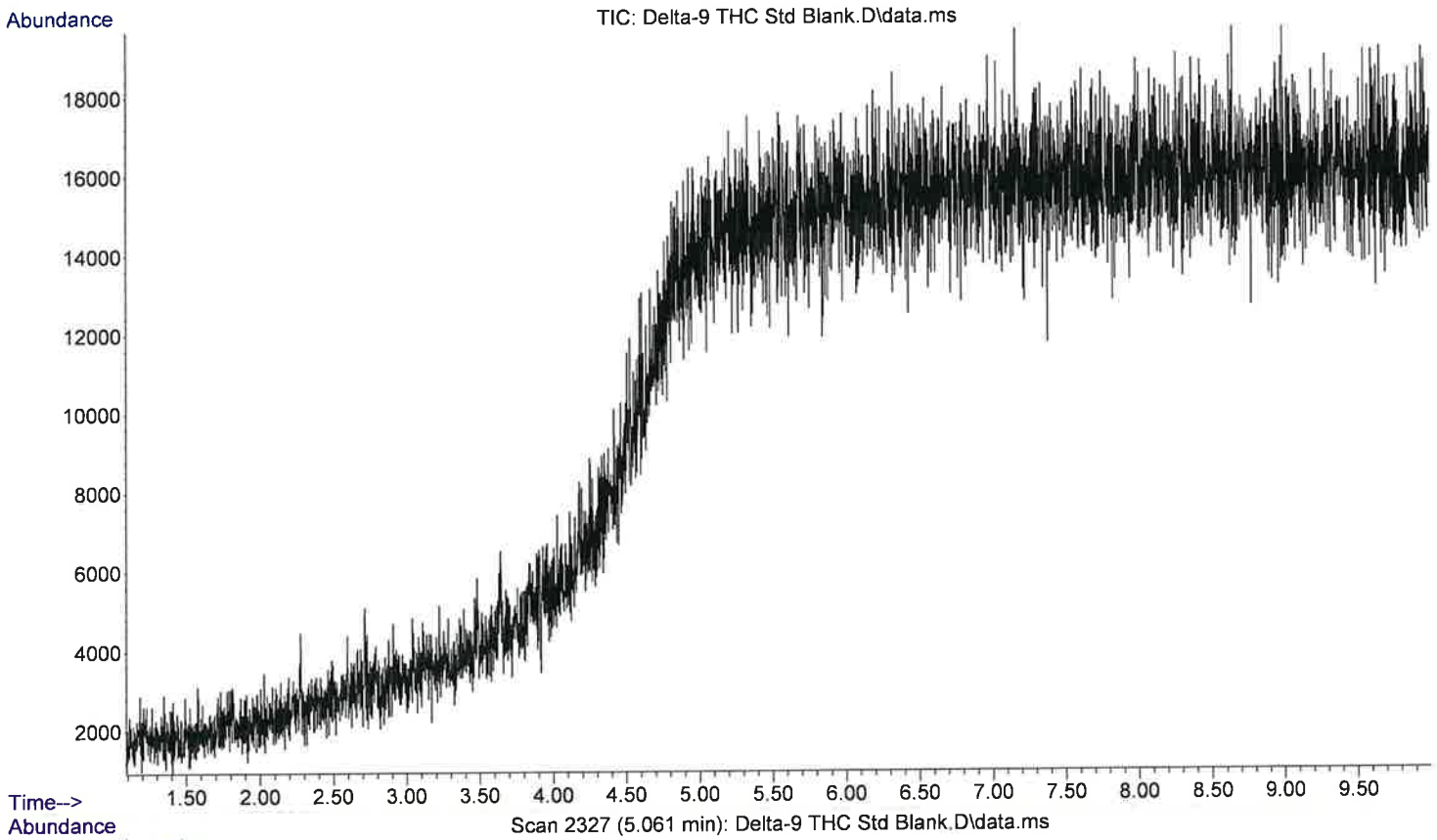
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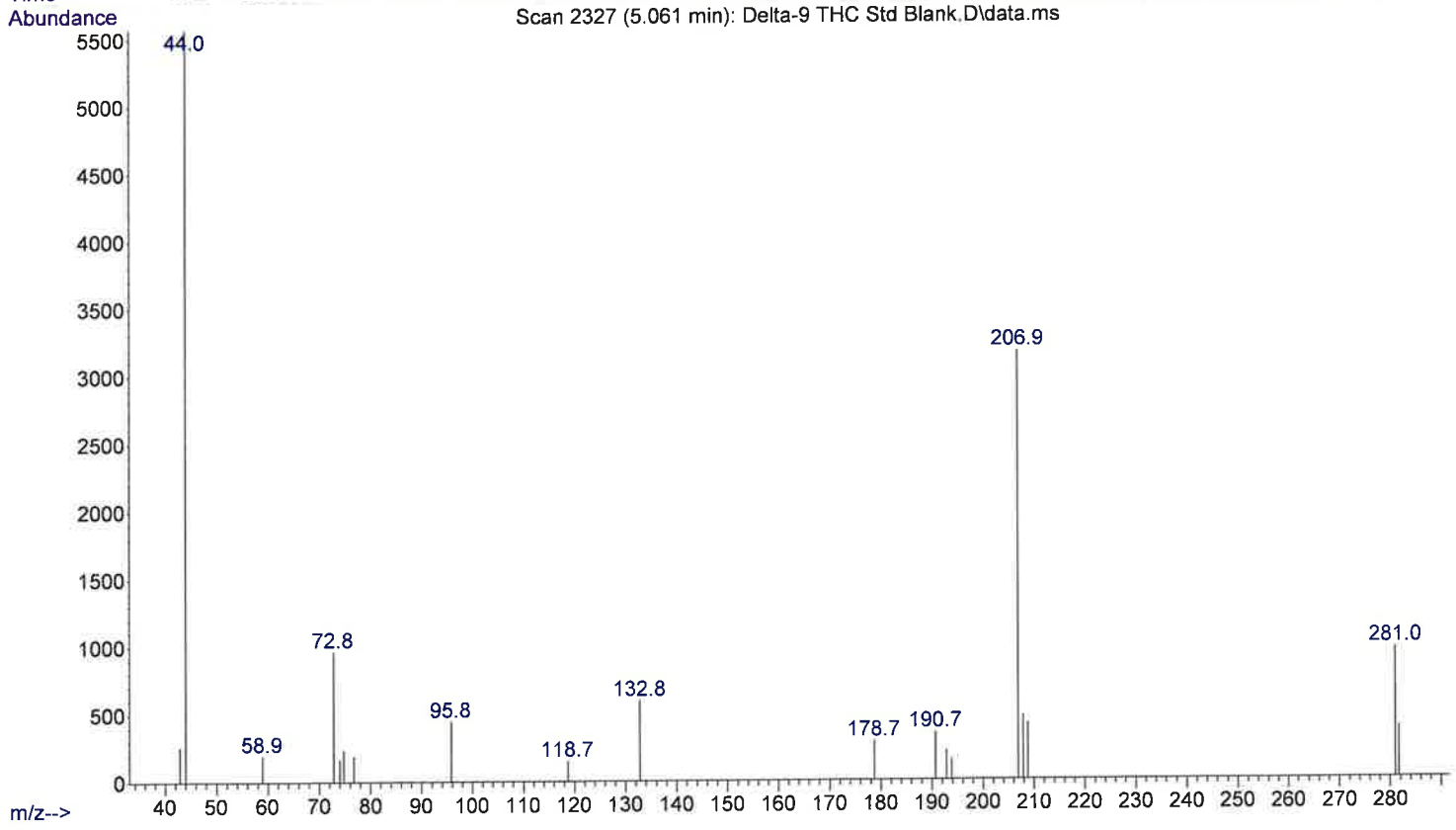


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...         alidation\06-03-25.SEC\DT-FID-Alprazolam-Std.D
Operator   : IS
Instrument :   Quincy
Acquired   : 03 Jun 2025  20:10     using AcqMethod DTDRUGS100.M
Sample Name: Alprazolam Std
Misc Info  : Meoh,Cerilliant,LotFE050032221,Exp01-31-28
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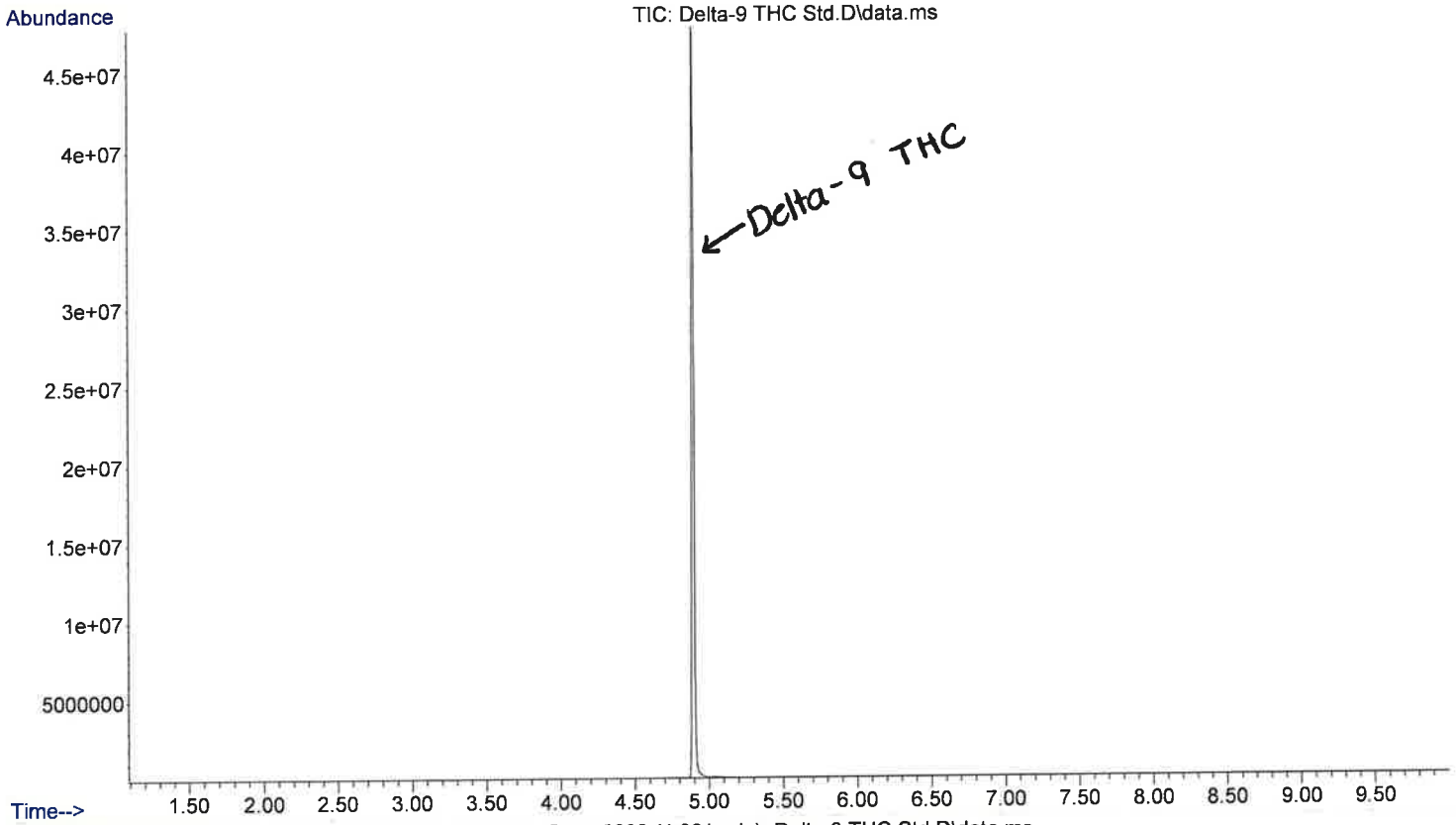


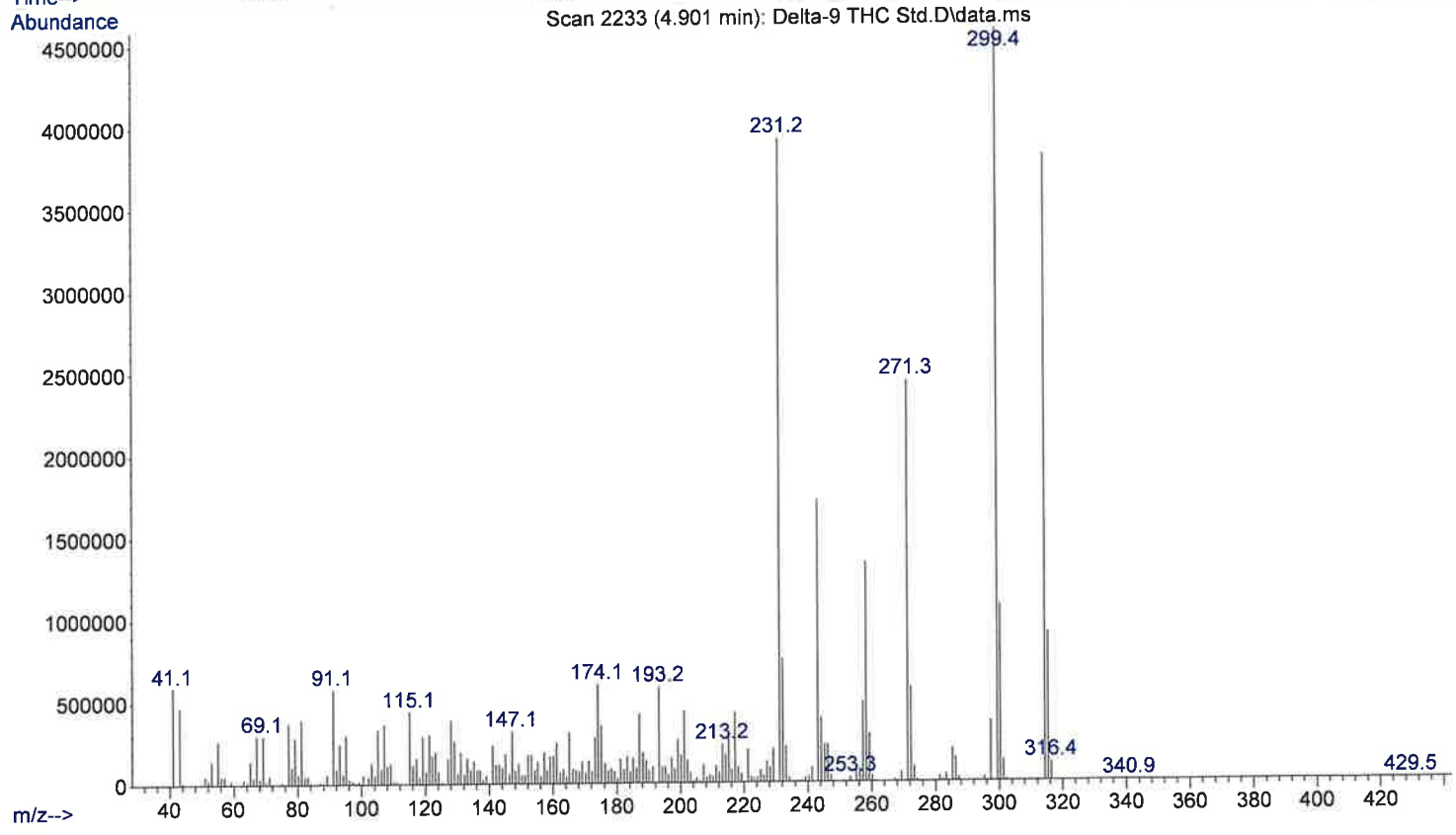
File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2025\IS\Dual V
... alidation\06-03-25\Delta-9 THC Std Blank.D
Operator : IS
Instrument : Quincy
Acquired : 03 Jun 2025 12:31 using AcqMethod ASMSDRUGS100.M
Sample Name: Delta-9 THC Std Blank
Misc Info : Meoh



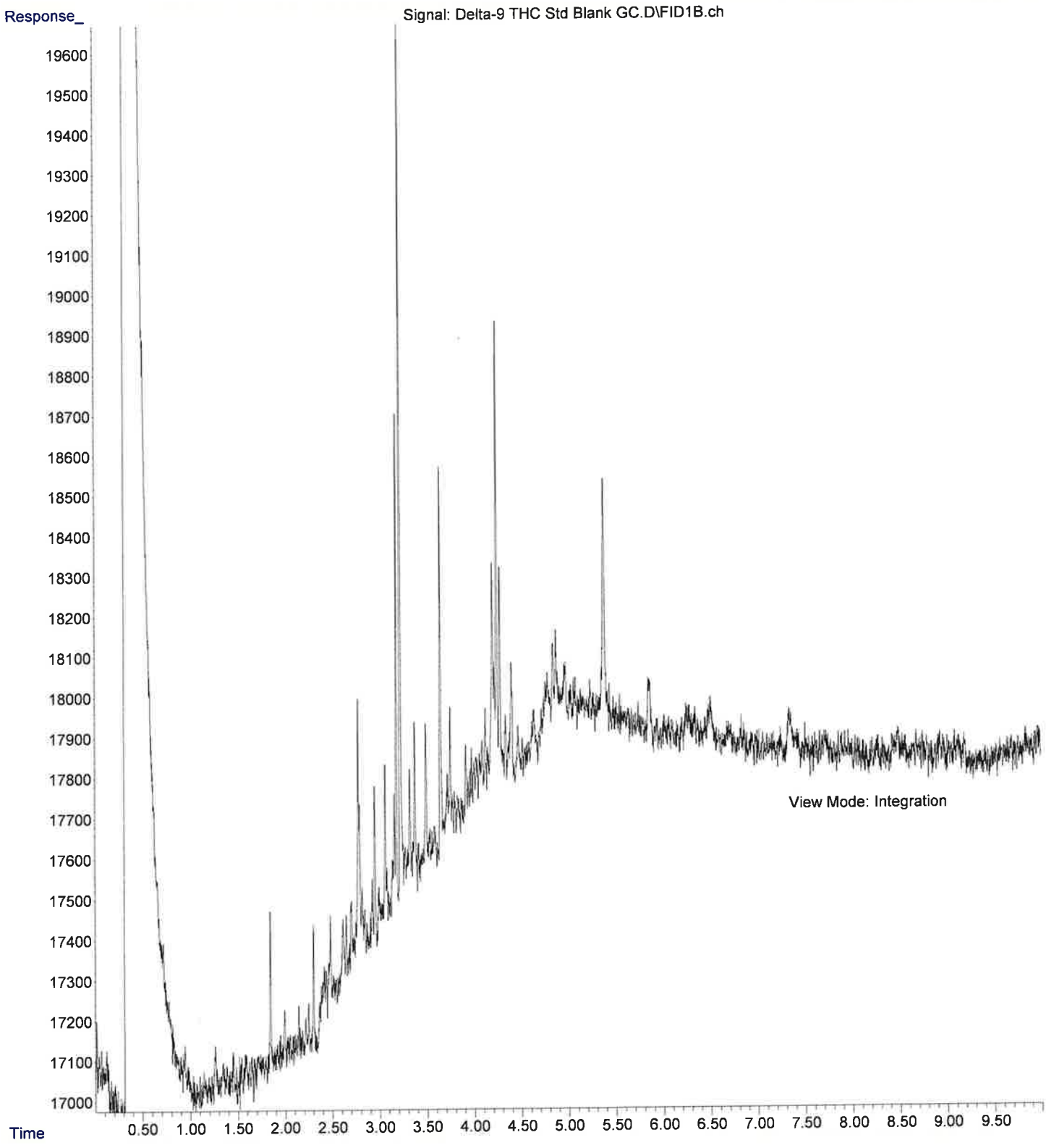


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... alidation\06-03-25\Delta-9 THC Std.D
Operator : IS
Instrument : Quincy
Acquired : 03 Jun 2025 12:44 using AcqMethod ASMSDRUGS100.M
Sample Name: Delta-9 THC Std
Misc Info : Meoh,Cerilliant,LotFE06212201,Exp10-31-27



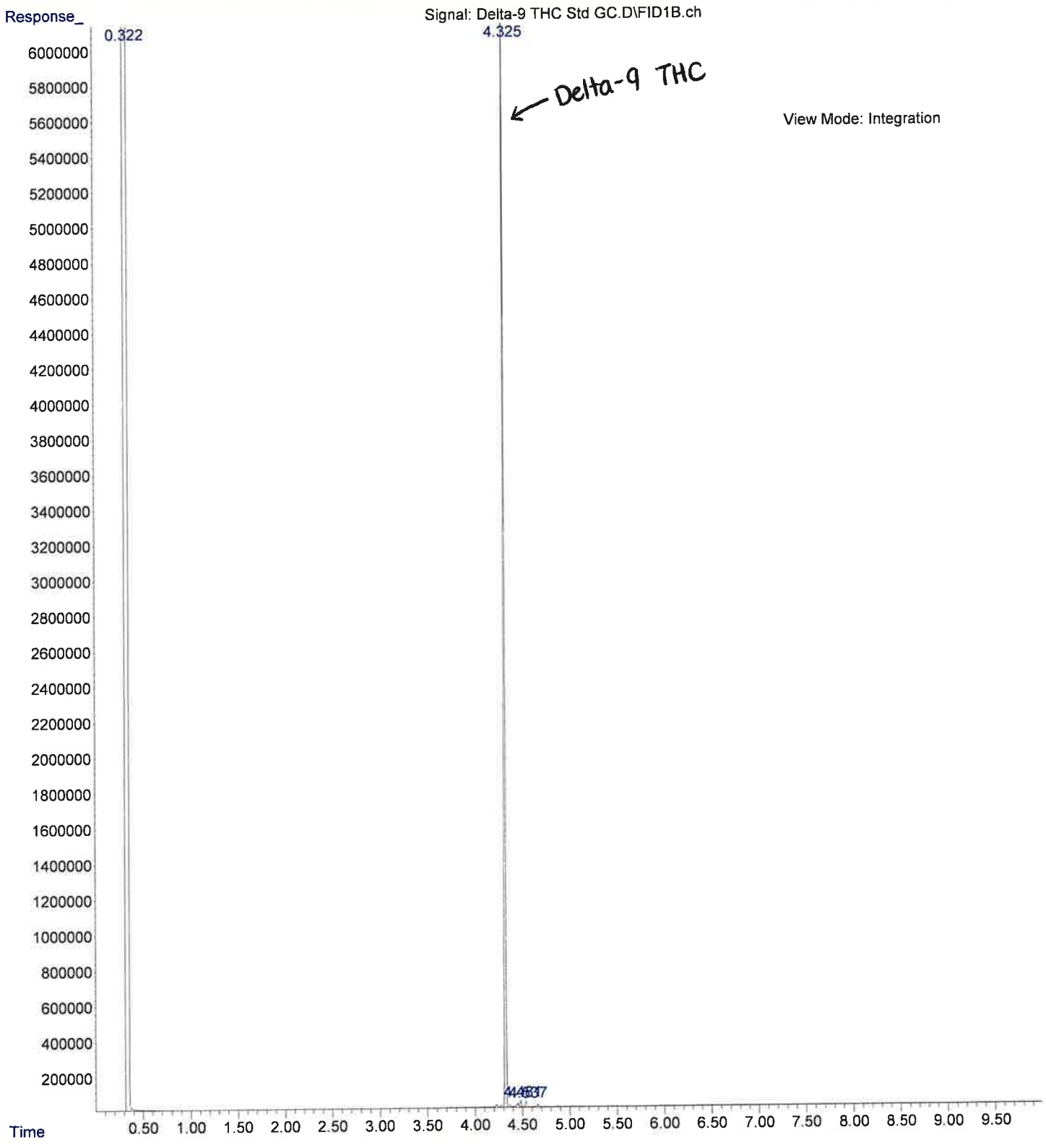


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...         alidation\06-03-25\Delta-9 THC Std Blank GC.D
Operator   : IS
Instrument :   Quincy
Acquired   : 03 Jun 2025  18:25     using AcqMethod ASGC100.M
Sample Name: Delta-9 THC Std Blank GC
Misc Info  : Meoh
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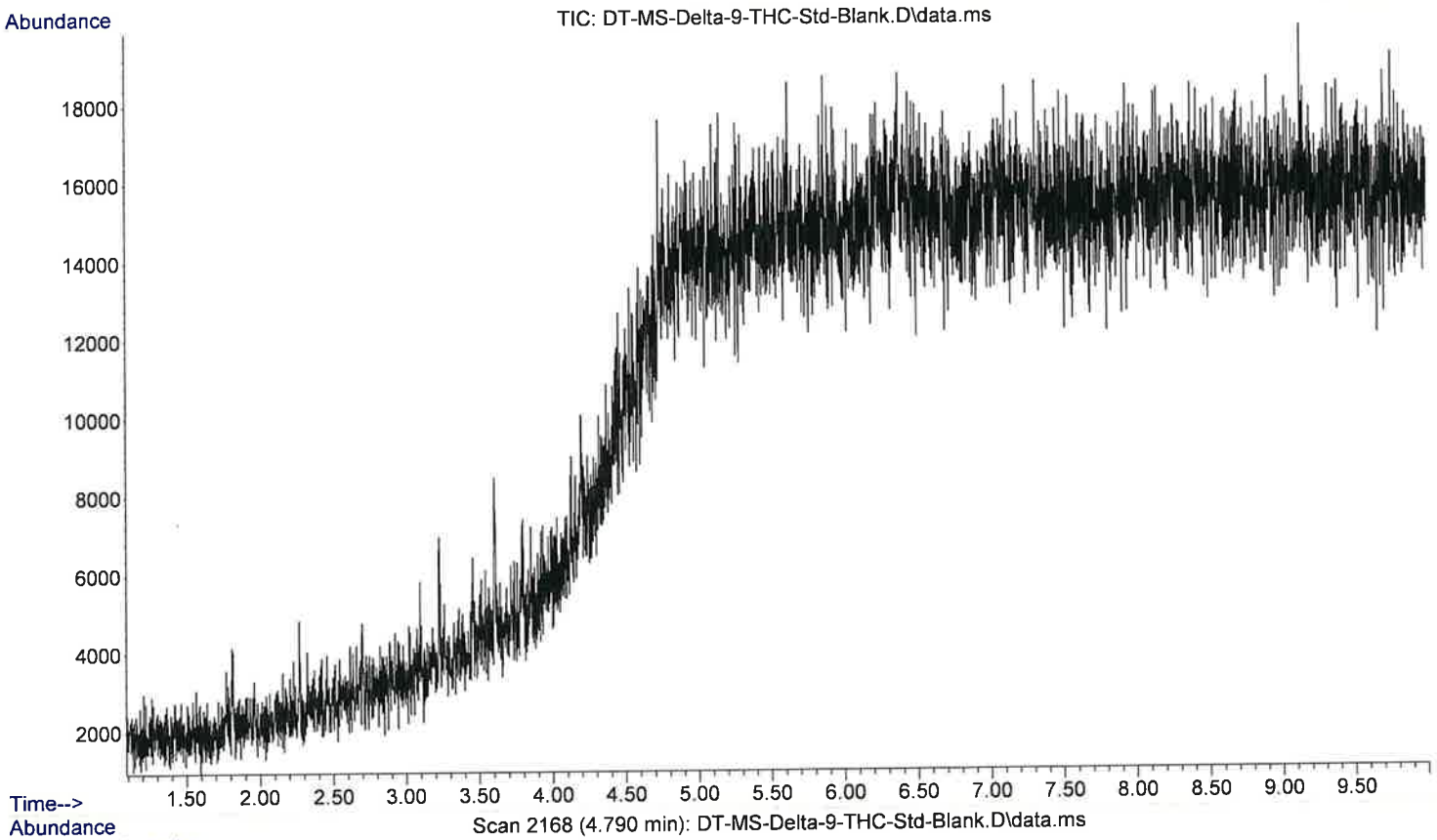


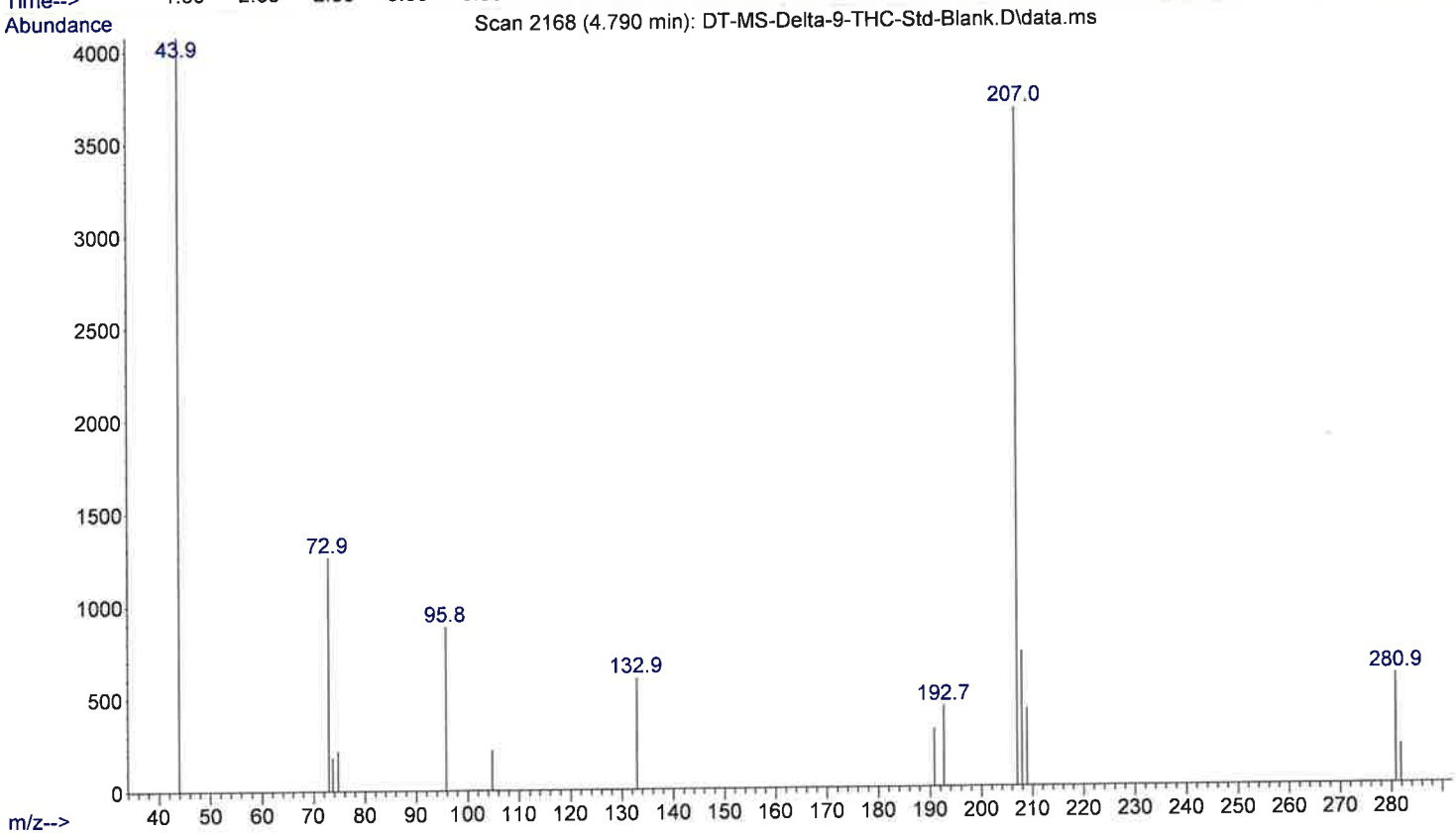
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File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2025\IS\Dual V
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Operator : IS
Instrument : Quincy
Acquired : 03 Jun 2025 18:38 using AcqMethod ASGC100.M
Sample Name: Delta-9 THC Std GC
Misc Info : Meoh,Cerilliant,LotFE06212201,Exp10-31-27

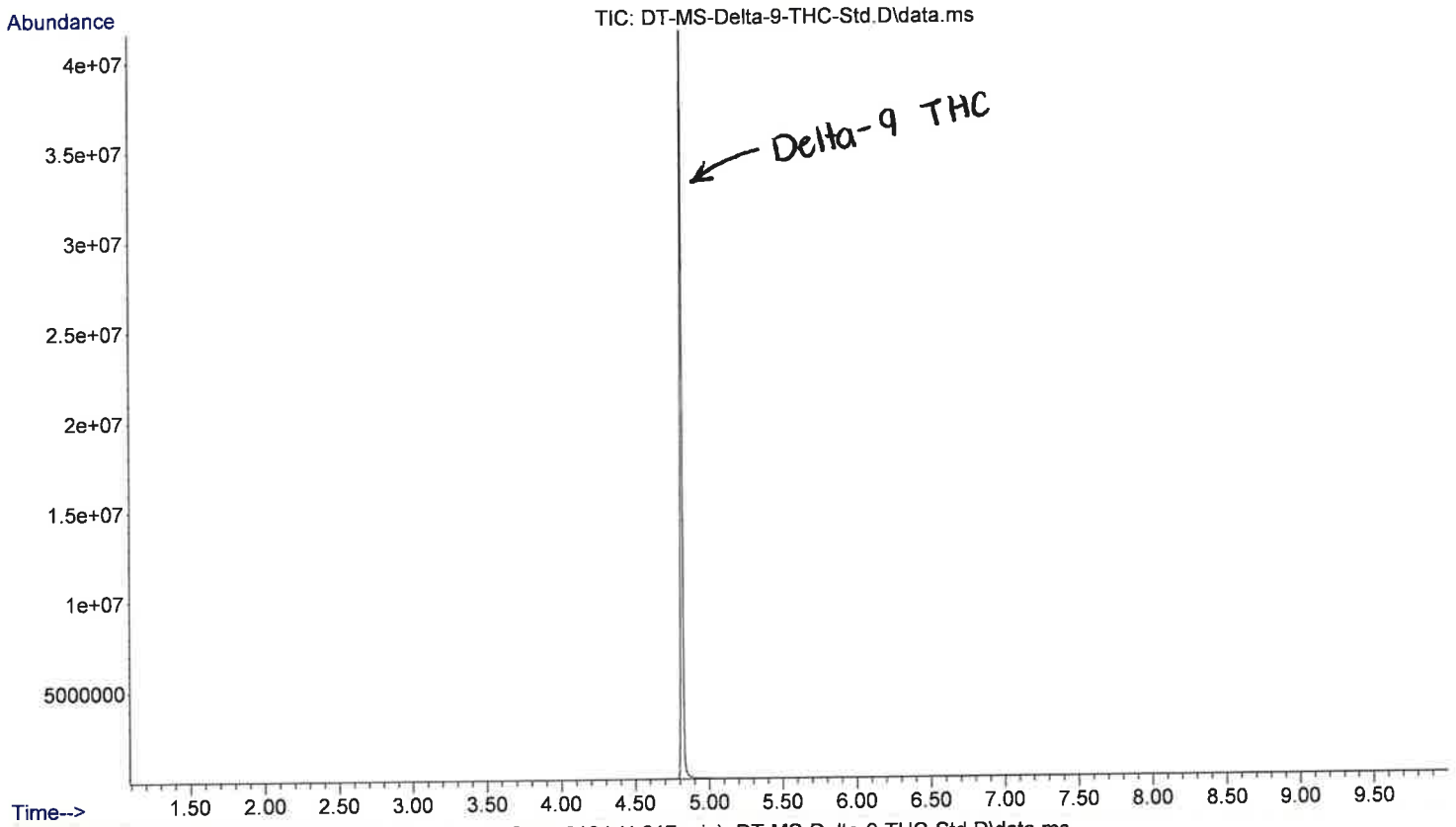


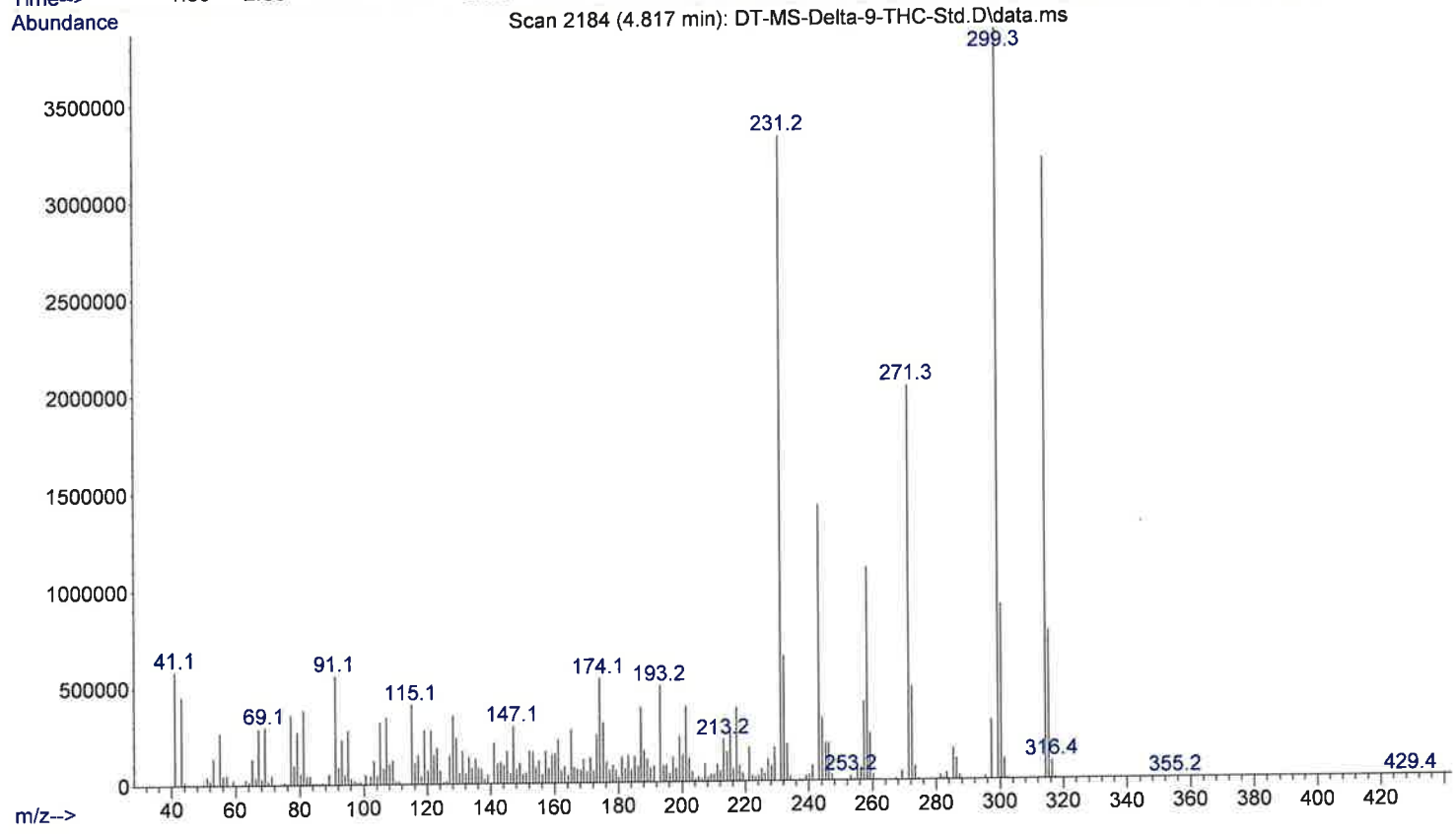
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Operator : IS
Instrument : Quincy
Acquired : 03 Jun 2025 20:24 using AcqMethod DTDRUGS100.M
Sample Name: Delta-9 THC Std Blank
Misc Info : Meoh





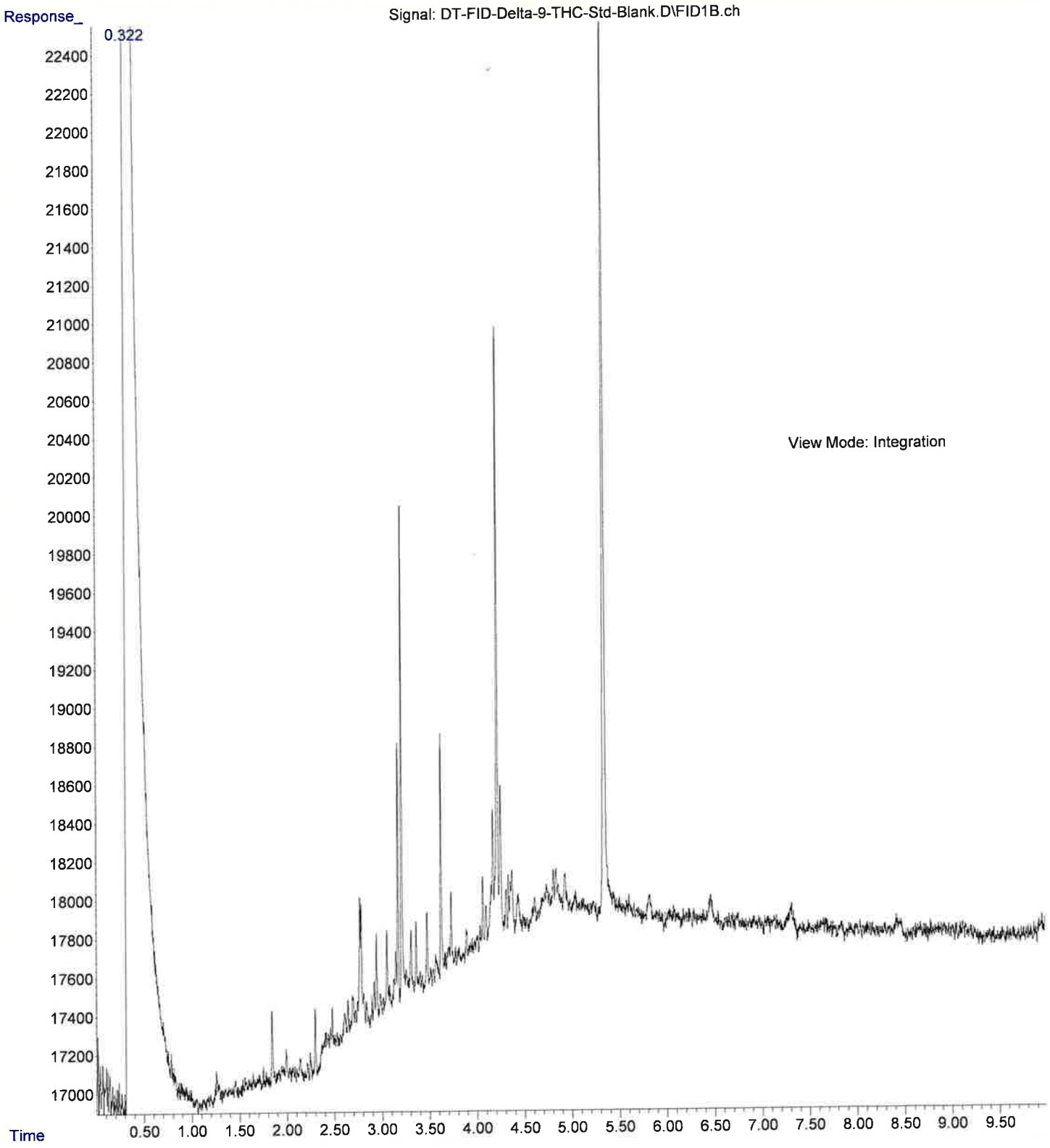
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Operator : IS
Instrument : Quincy
Acquired : 03 Jun 2025 20:37 using AcqMethod DTDRUGS100.M
Sample Name: Delta-9 THC Std
Misc Info : Meoh,Cerilliant,LotFE06212201,Exp10-31-27



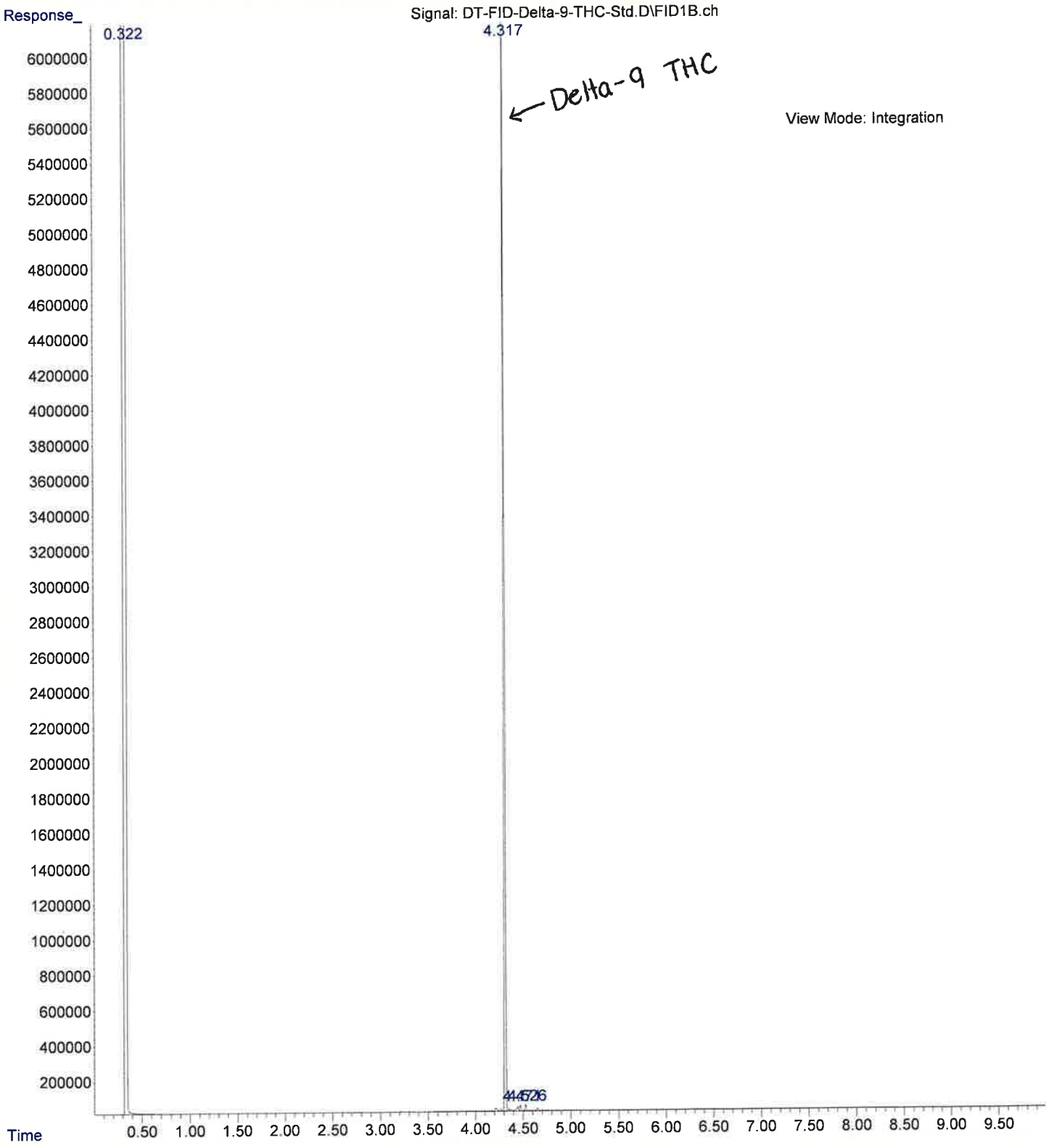


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...         alidation\06-03-25.SEC\DT-FID-Delta-9-THC-Std-Blank.D
Operator   : IS
Instrument :   Quincy
Acquired   : 03 Jun 2025  20:24     using AcqMethod DTDRUGS100.M
Sample Name: Delta-9 THC Std Blank
Misc Info  : Meoh
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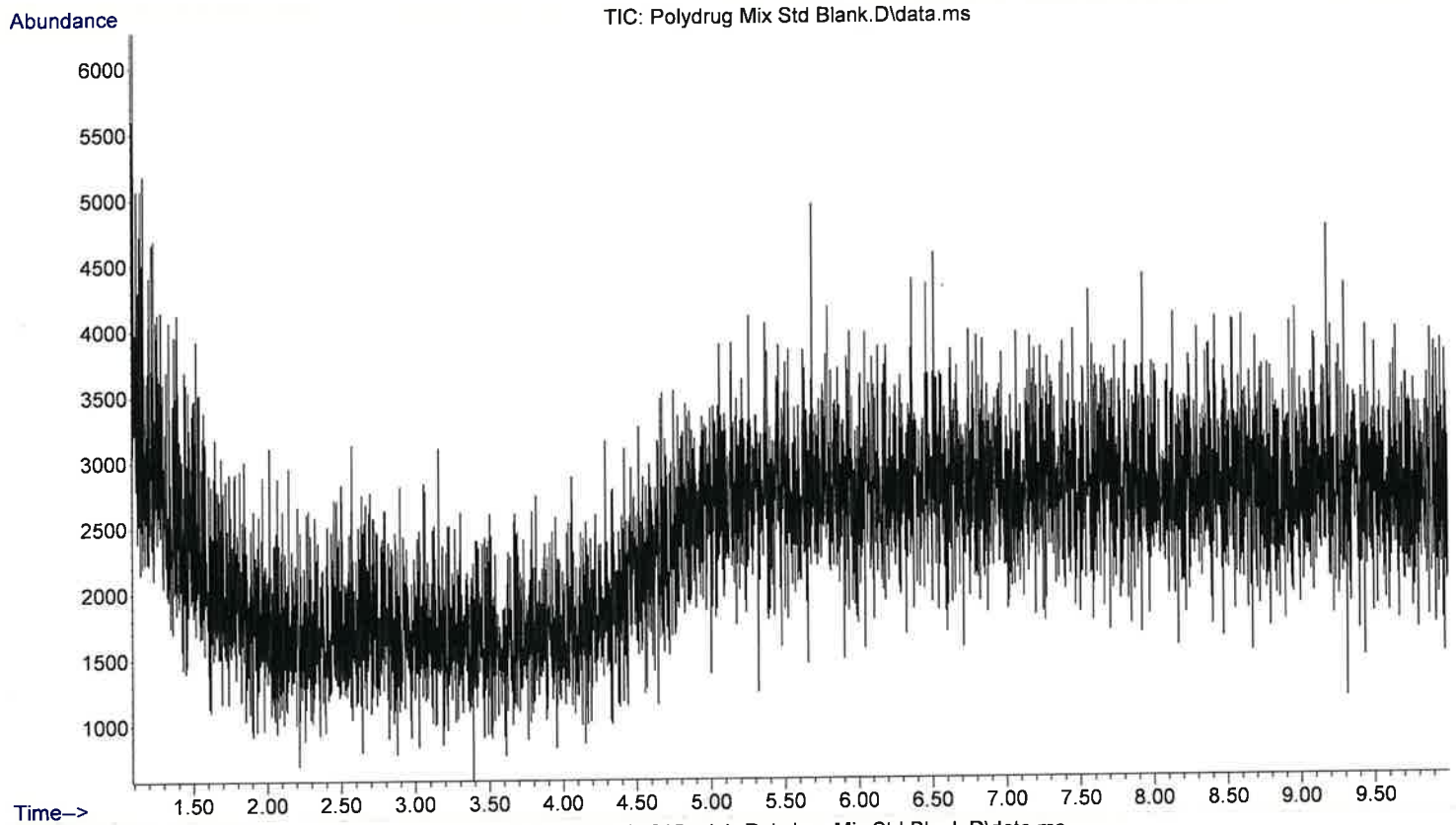
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Operator   : IS
Instrument :   Quincy
Acquired   : 03 Jun 2025  20:37     using AcqMethod DTDRUGS100.M
Sample Name: Delta-9 THC Std
Misc Info  : Meoh,Cerilliant,LotFE06212201,Exp10-31-27
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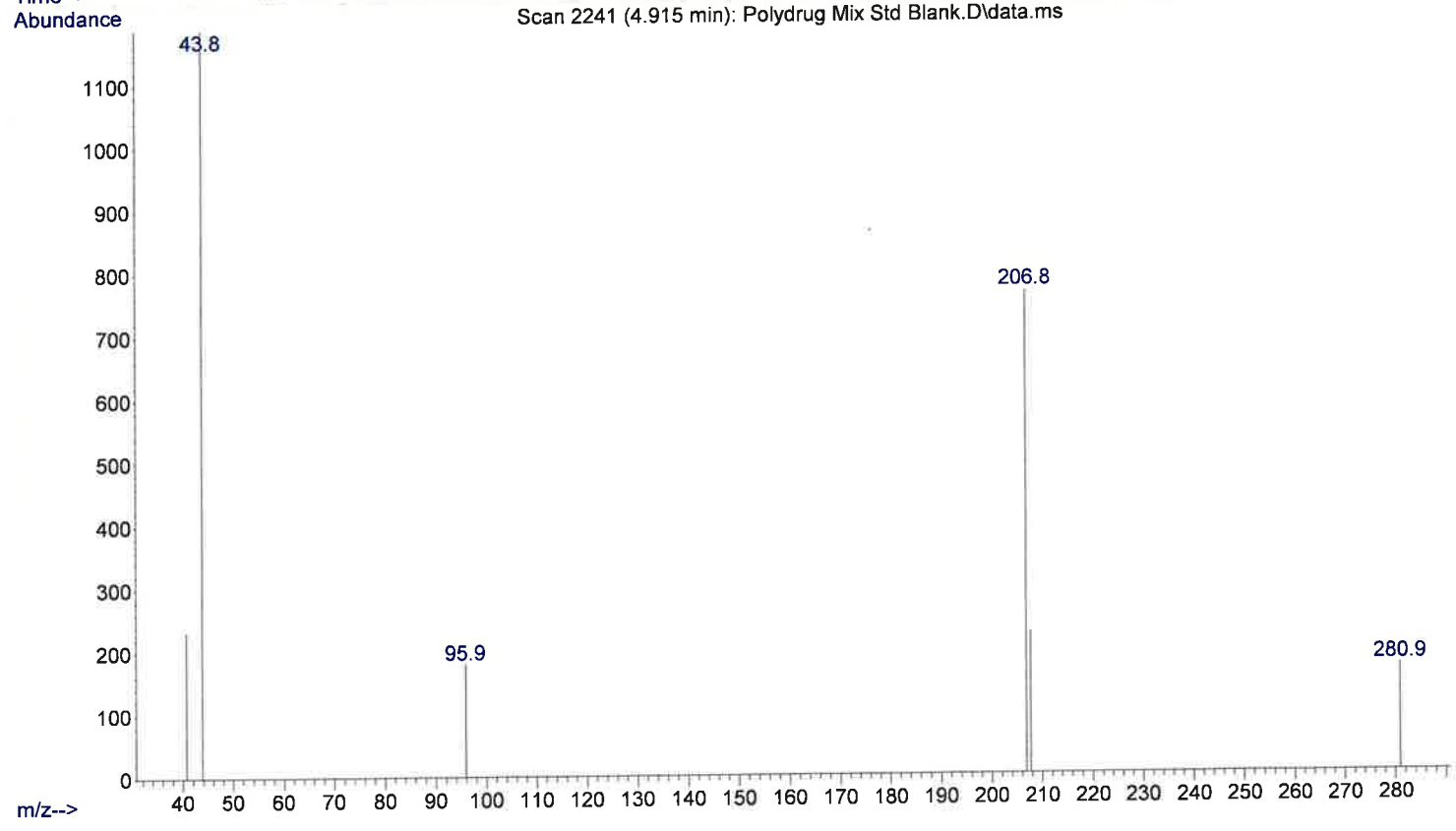


Dual Tower Injection on 3-30-26 (After GCFID maintenance)

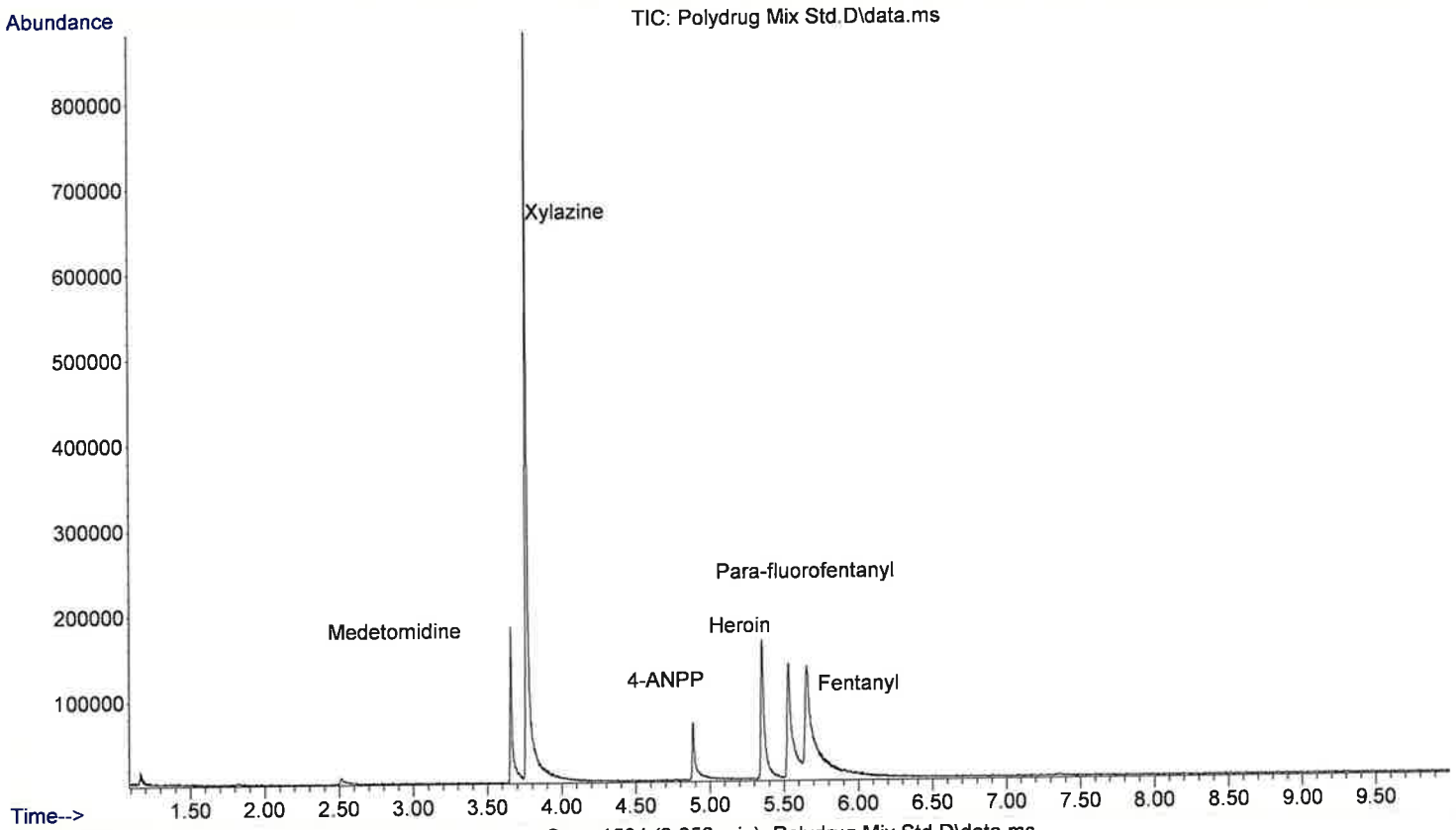
Polydrug Mix:	DTDRUGS100	2%	(-)	(+)	ASGC100
Medetomidine	**3.056**	0.06112	2.99488	3.11712	**3.042**
Xylazine	**3.145**	0.0629	3.0821	3.2079	**3.13**
4-ANPP	**4.192**	0.08384	4.10816	4.27584	**4.165**
Heroin	**4.541**	0.09082	4.45018	4.63182	**4.51**
Para-fluoro Fentanyl	**4.667**	0.09334	4.57366	4.76034	**4.632**
Fentanyl	**4.738**	0.09476	4.64324	4.83276	**4.705**
Methamphetamine	**1.172**	0.02344	1.14856	1.19544	**1.172**
GCMS Calibration Mix:					
Pethidine	**2.723**	0.05446	2.66854	2.77746	**2.719**
Cocaine	**3.674**	0.07348	3.60052	3.74748	**3.664**
Hydrocodone	**4.161**	0.08322	4.07778	4.24422	**4.149**
Alprazolam	**5.223**	0.10446	5.11854	5.32746	**5.225**
Delta-9-THC	**4.256**	0.08512	4.17088	4.34112	**4.239**

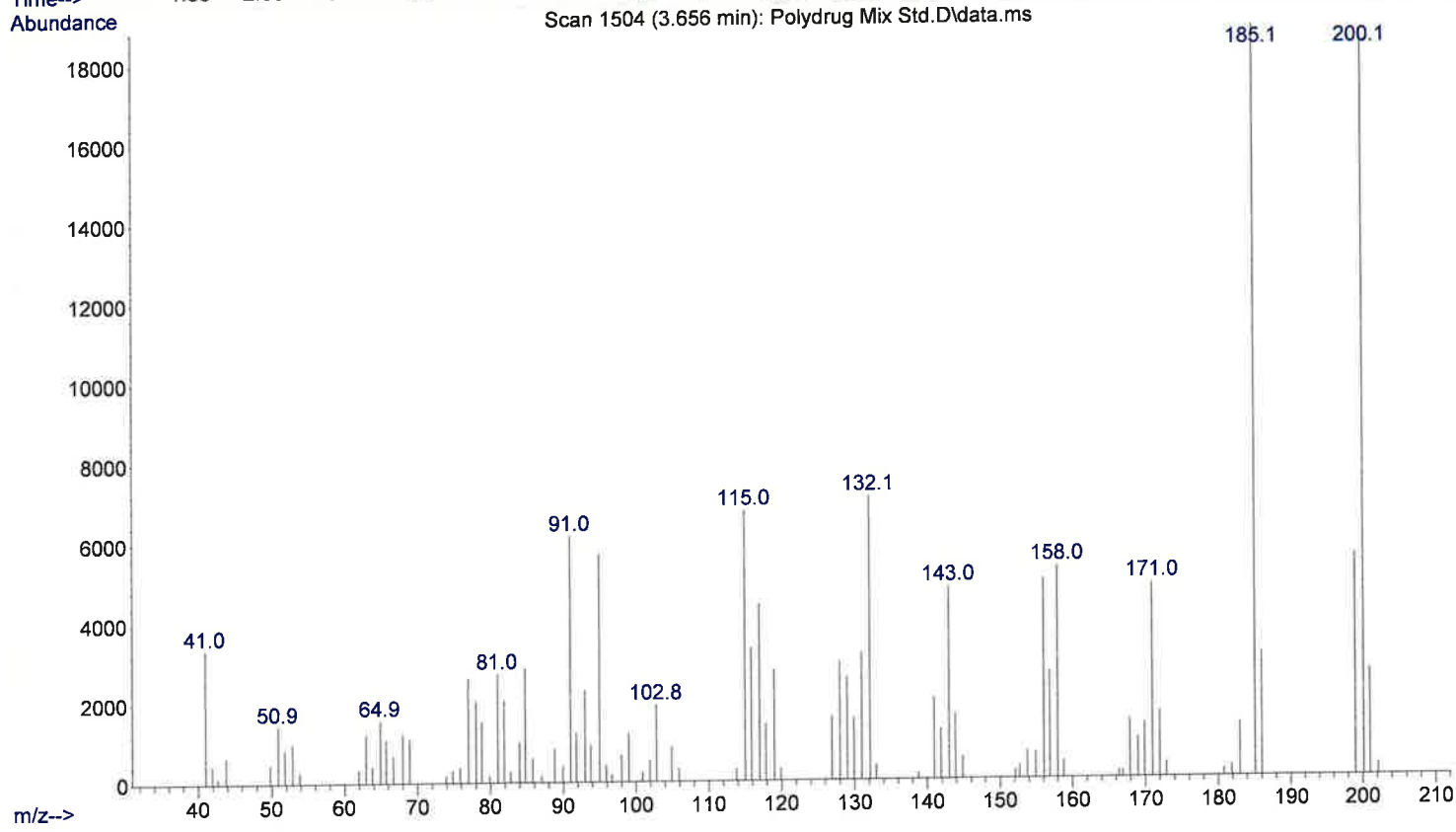
File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2026\RH\Dual I
... njection 3-30-26\Polydrug Mix Std Blank.D
Operator : RH
Instrument : Quincy
Acquired : 30 Mar 2026 19:36 using AcqMethod ASMSDRUGS100.M
Sample Name: Polydrug Mix Std Blank
Misc Info : Acetonitrile



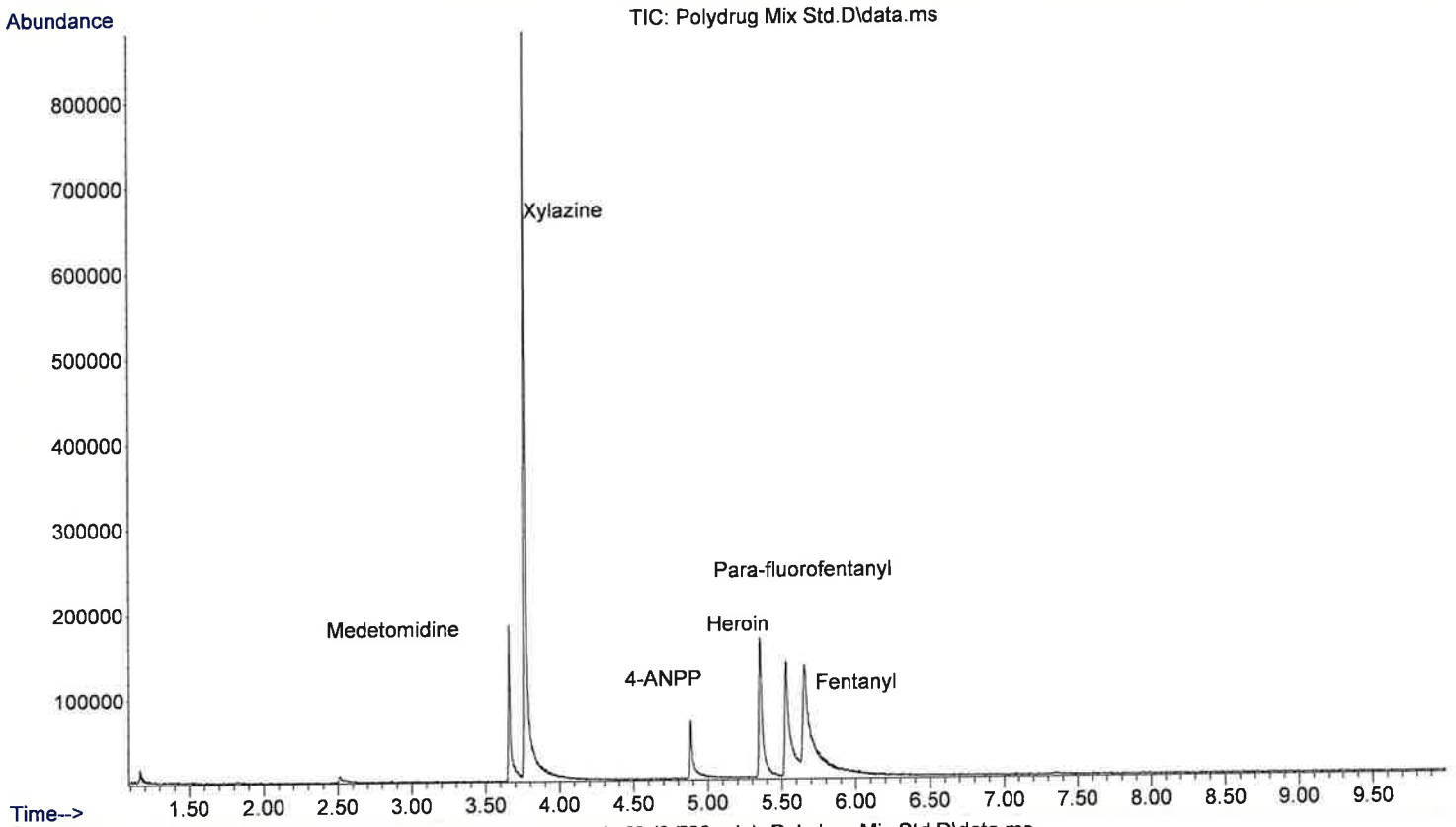


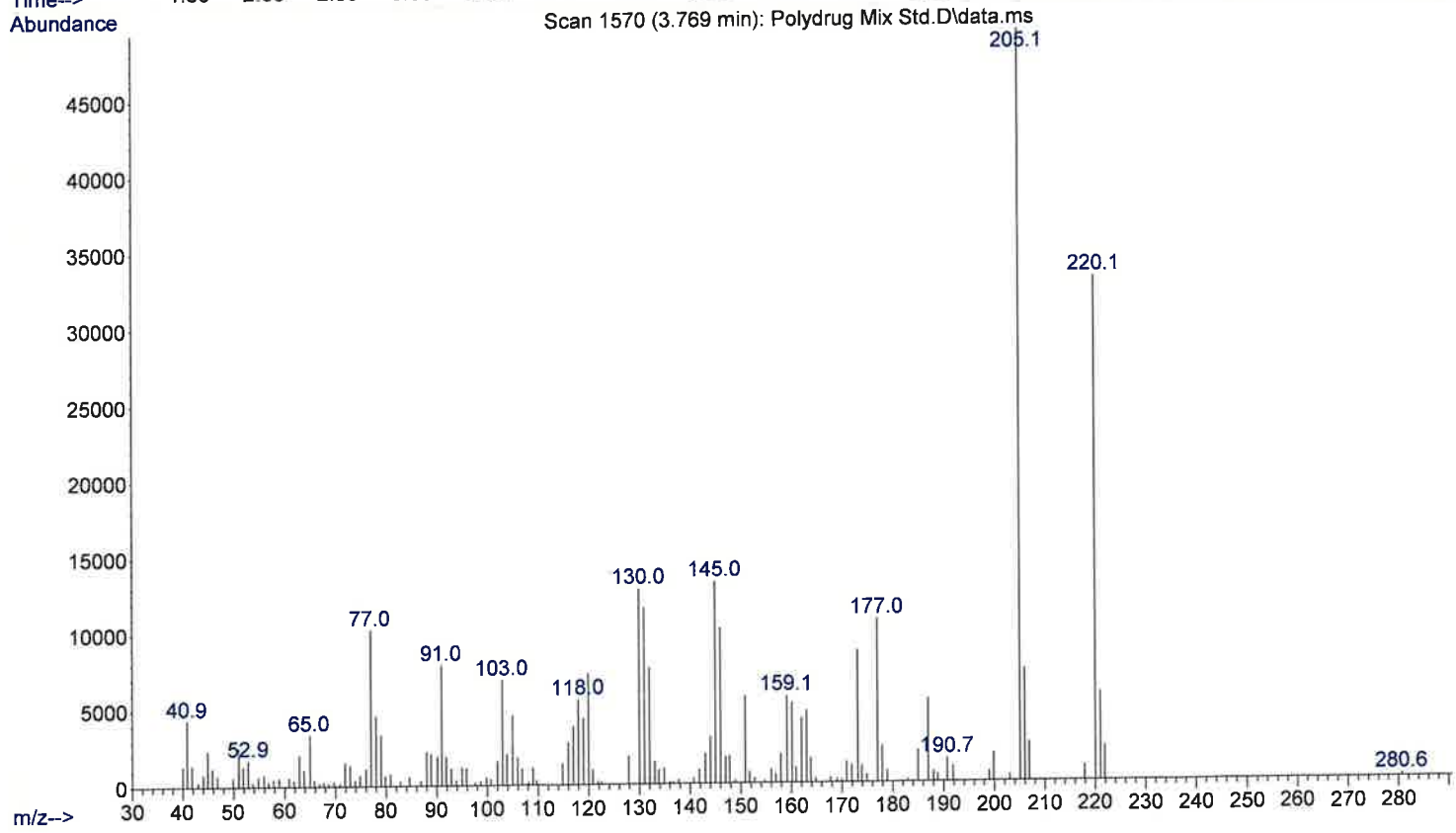
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... njection 3-30-26\Polydrug Mix Std.D
Operator : RH
Instrument : Quincy
Acquired : 30 Mar 2026 19:49 using AcqMethod ASMSDRUGS100.M
Sample Name: Polydrug Mix Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



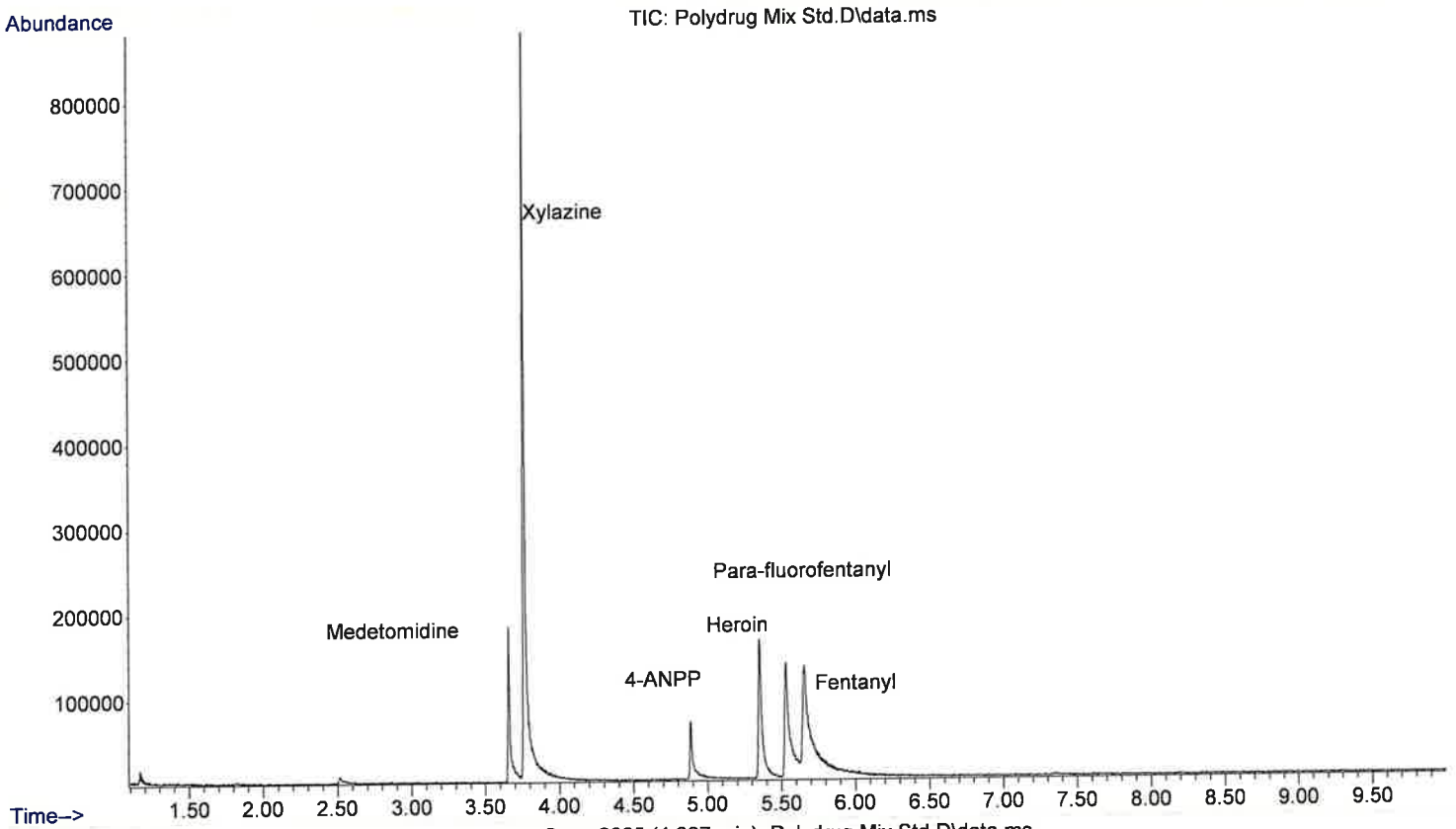


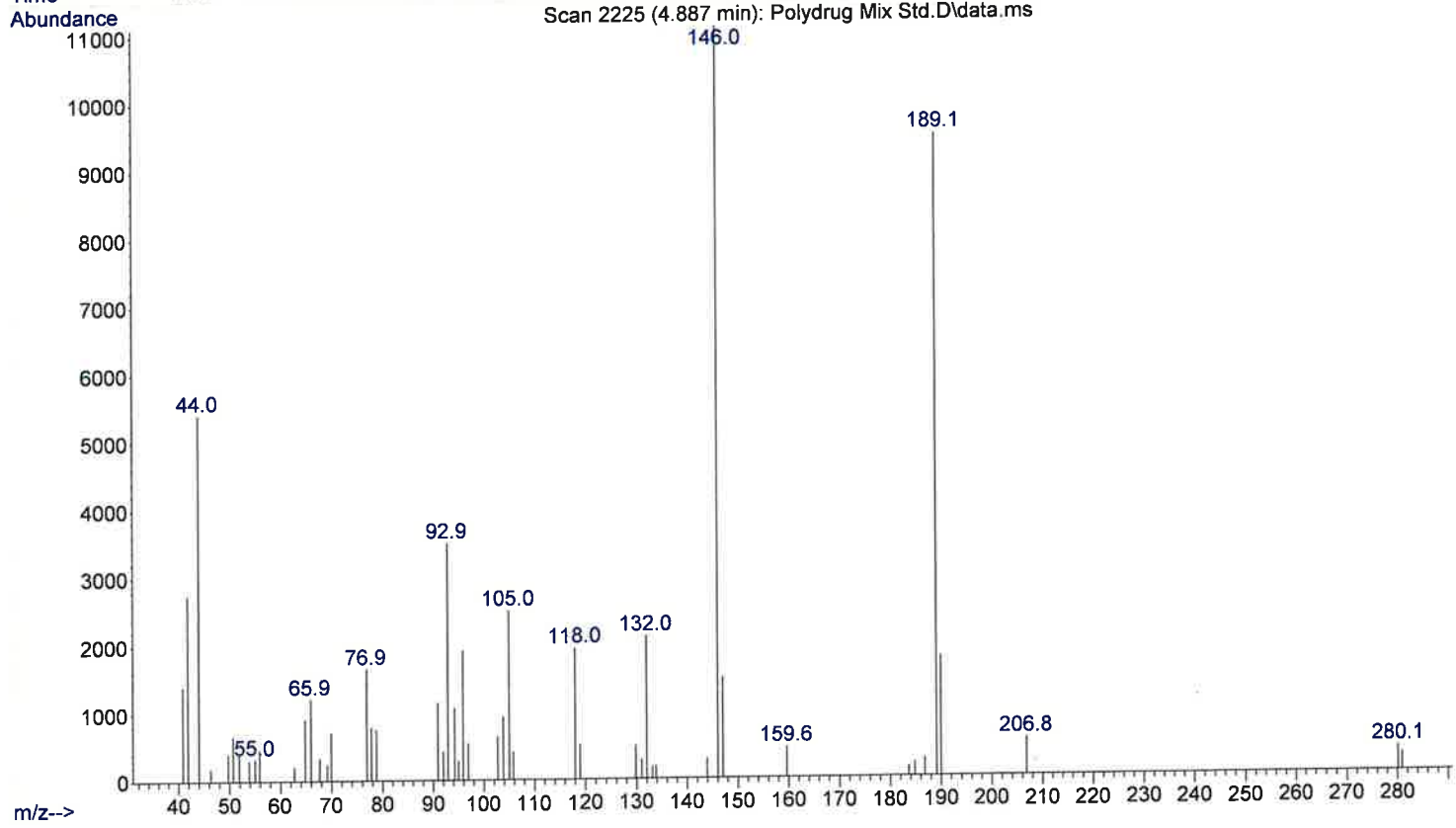
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Operator : RH
Instrument : Quincy
Acquired : 30 Mar 2026 19:49 using AcqMethod ASMSDRUGS100.M
Sample Name: Polydrug Mix Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



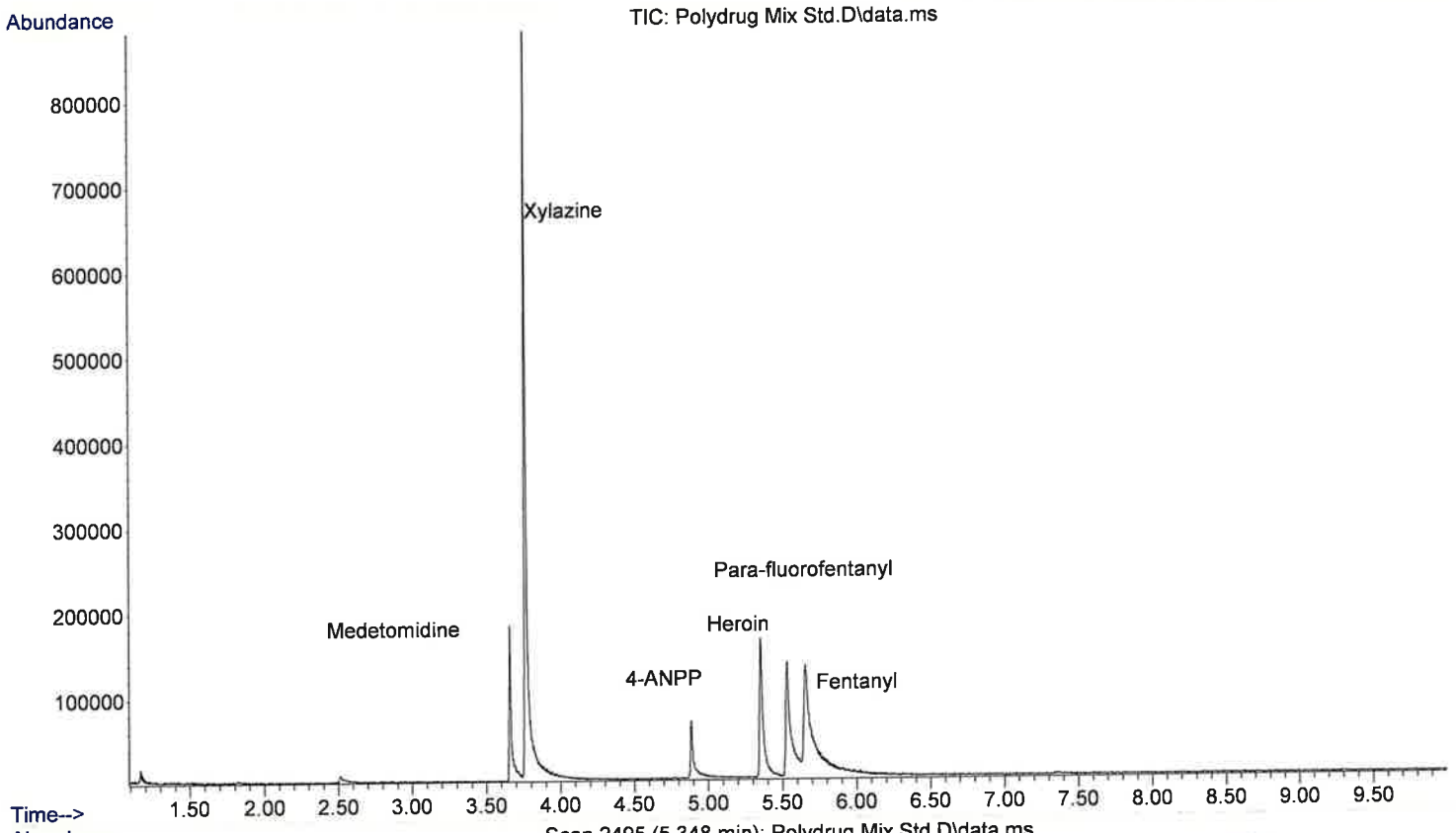


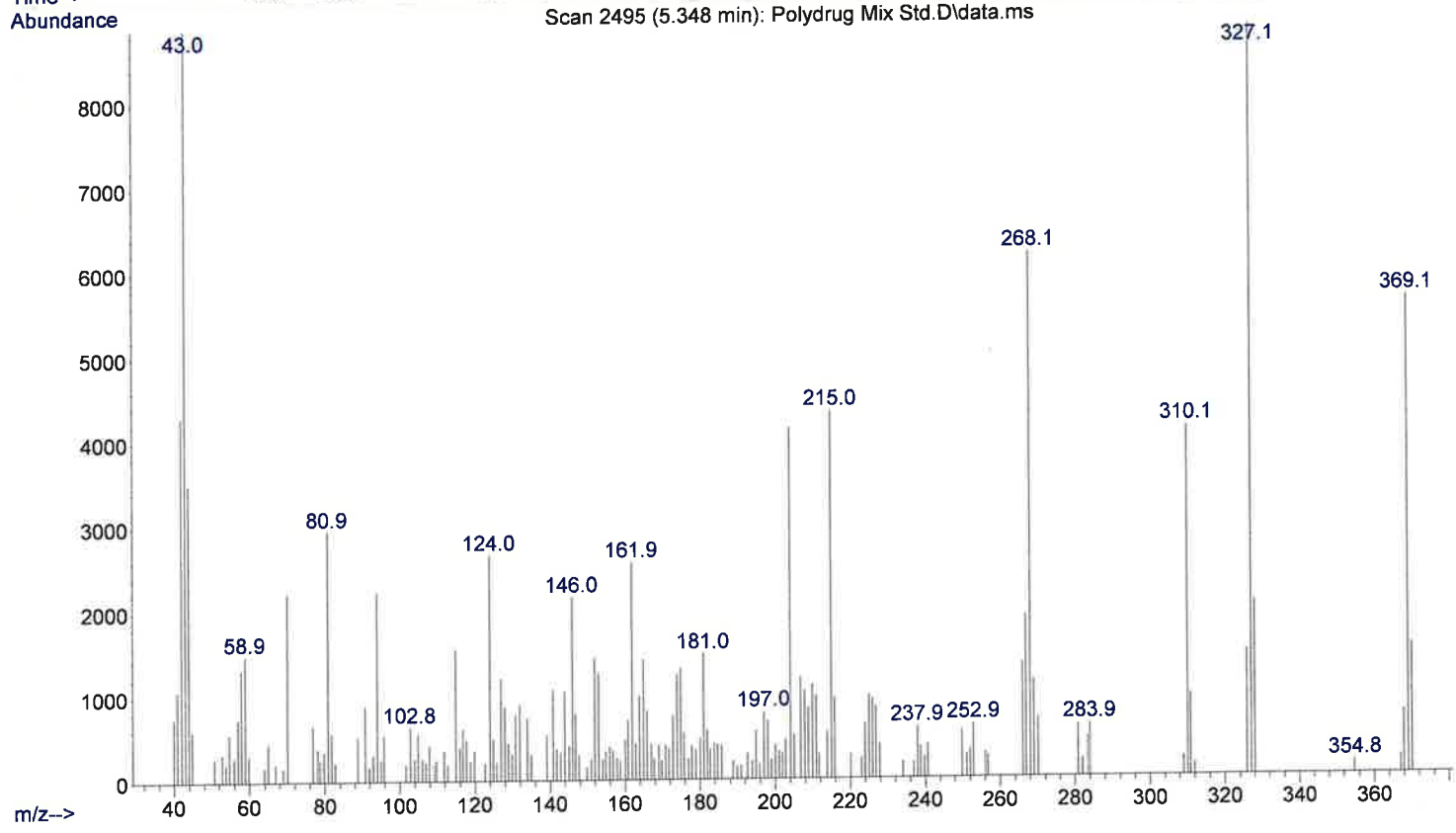
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Operator : RH
Instrument : Quincy
Acquired : 30 Mar 2026 19:49 using AcqMethod ASMSDRUGS100.M
Sample Name: Polydrug Mix Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



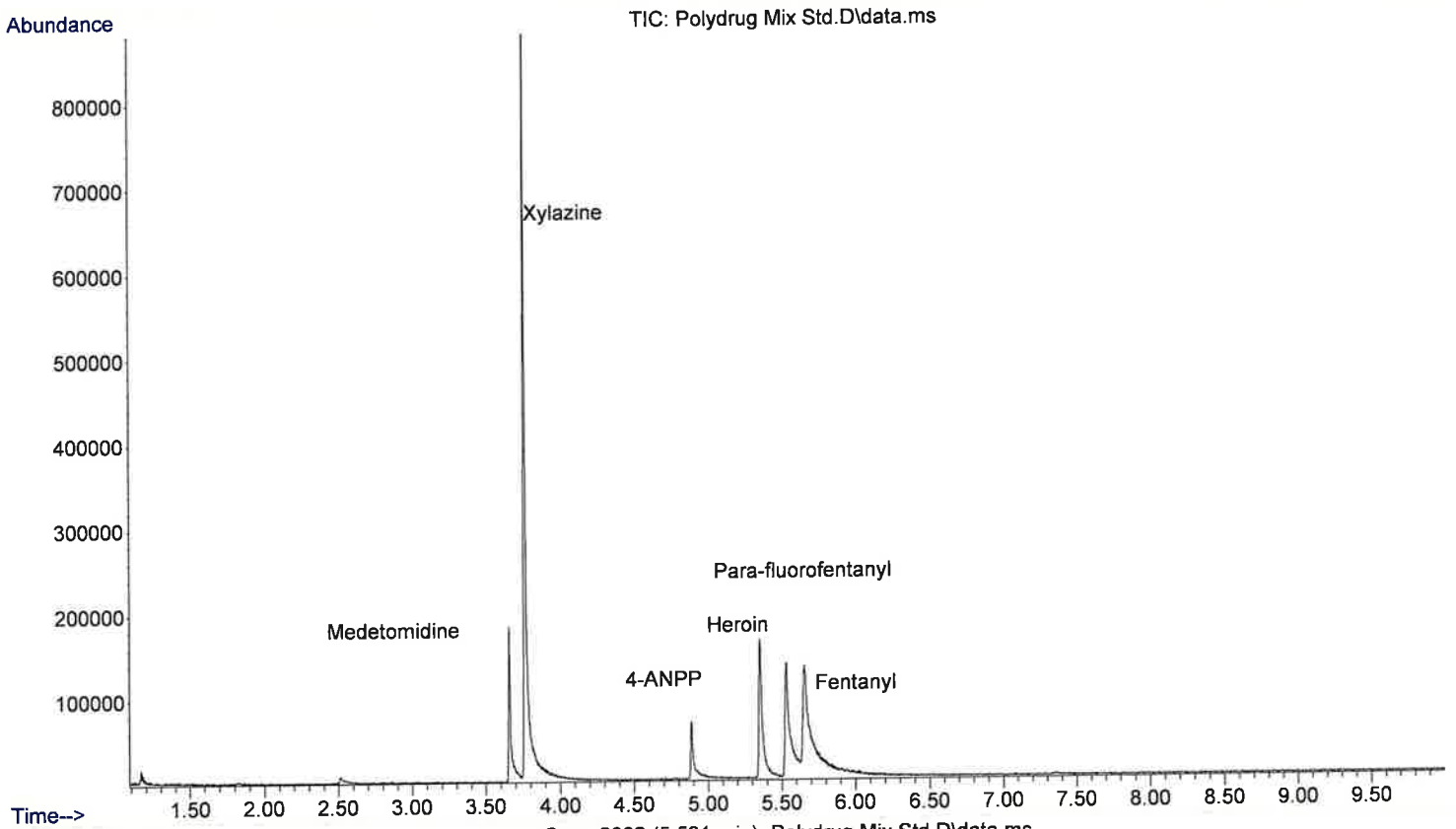


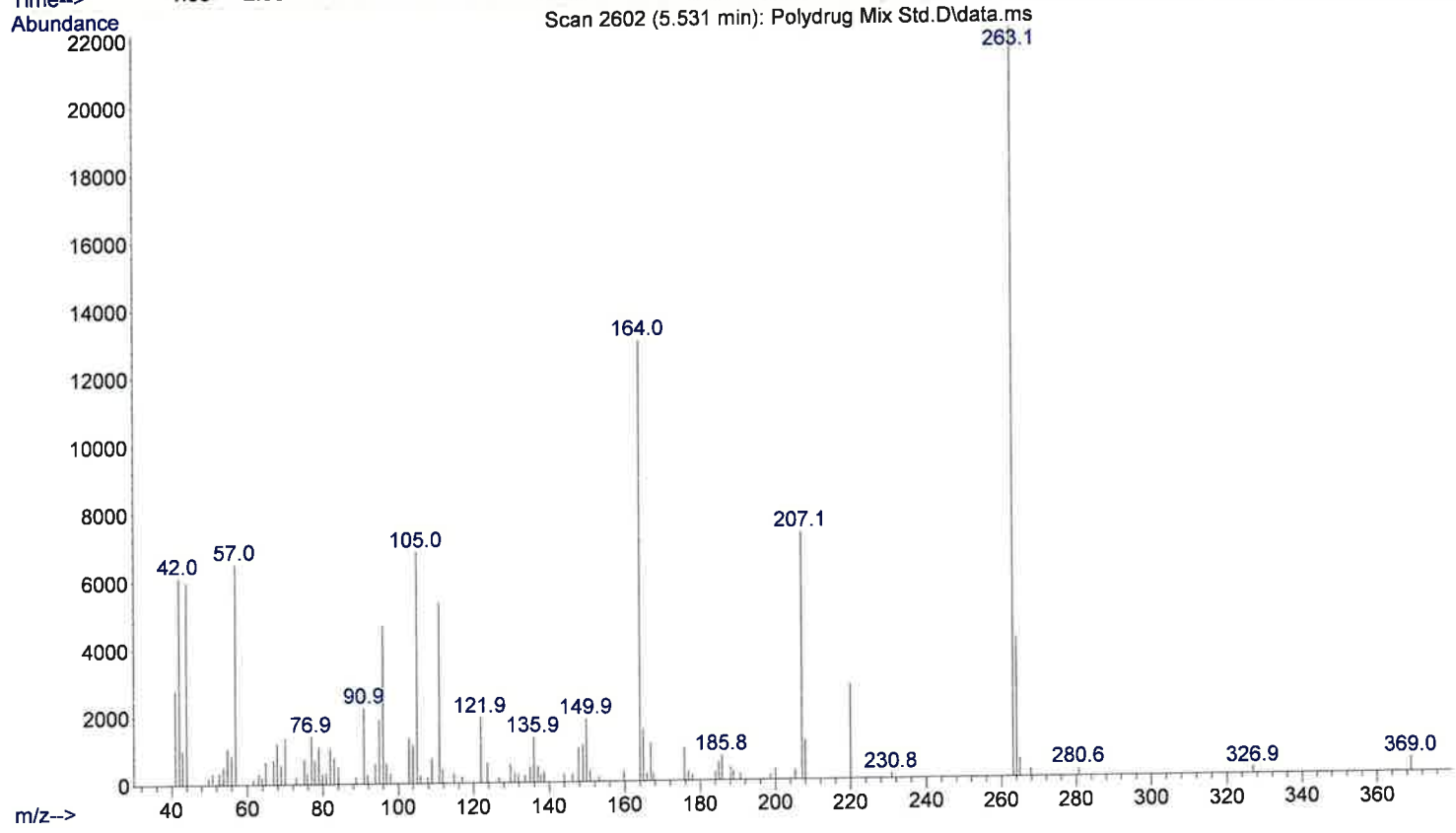
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Operator : RH
Instrument : Quincy
Acquired : 30 Mar 2026 19:49 using AcqMethod ASMSDRUGS100.M
Sample Name: Polydrug Mix Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



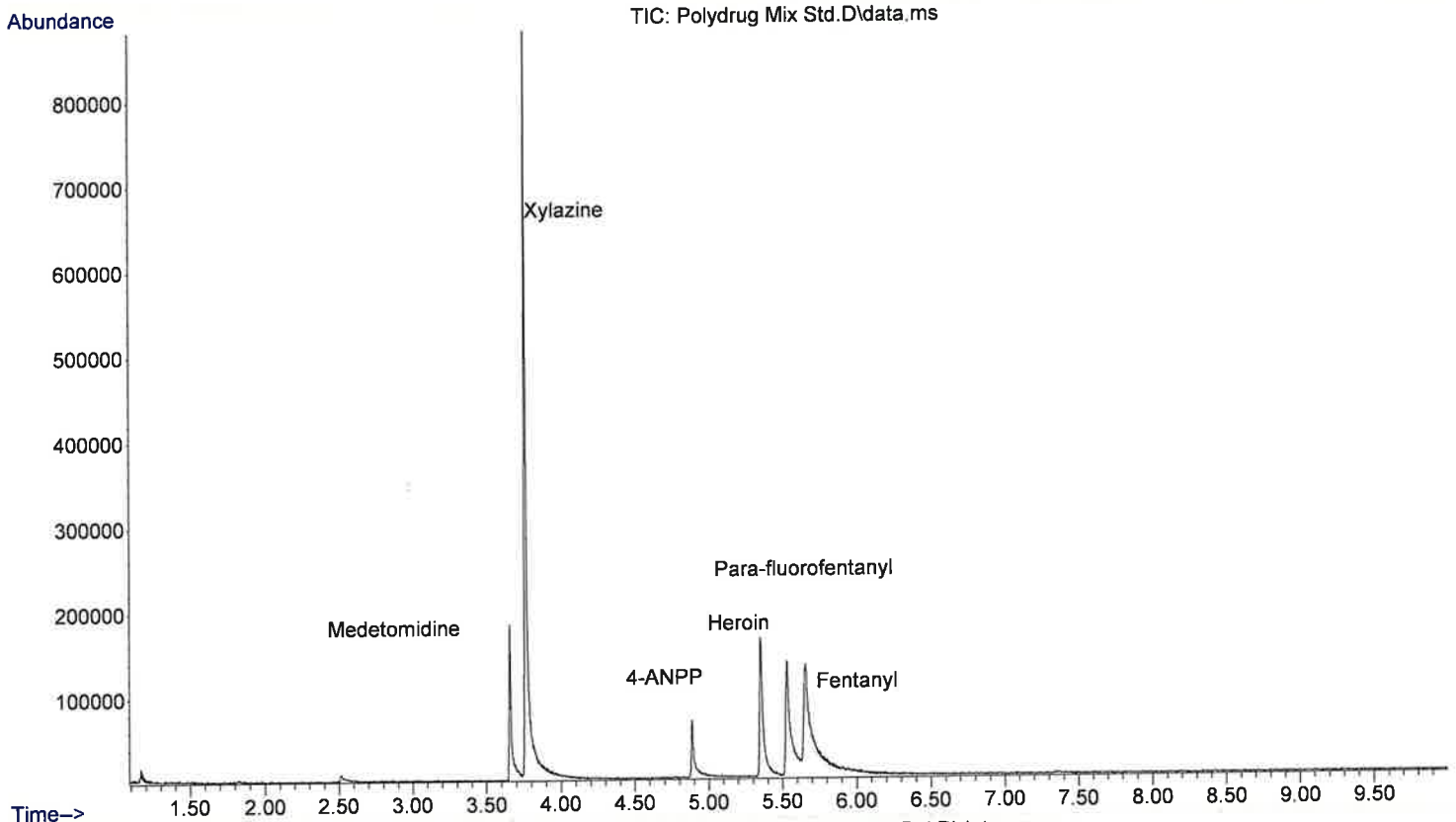


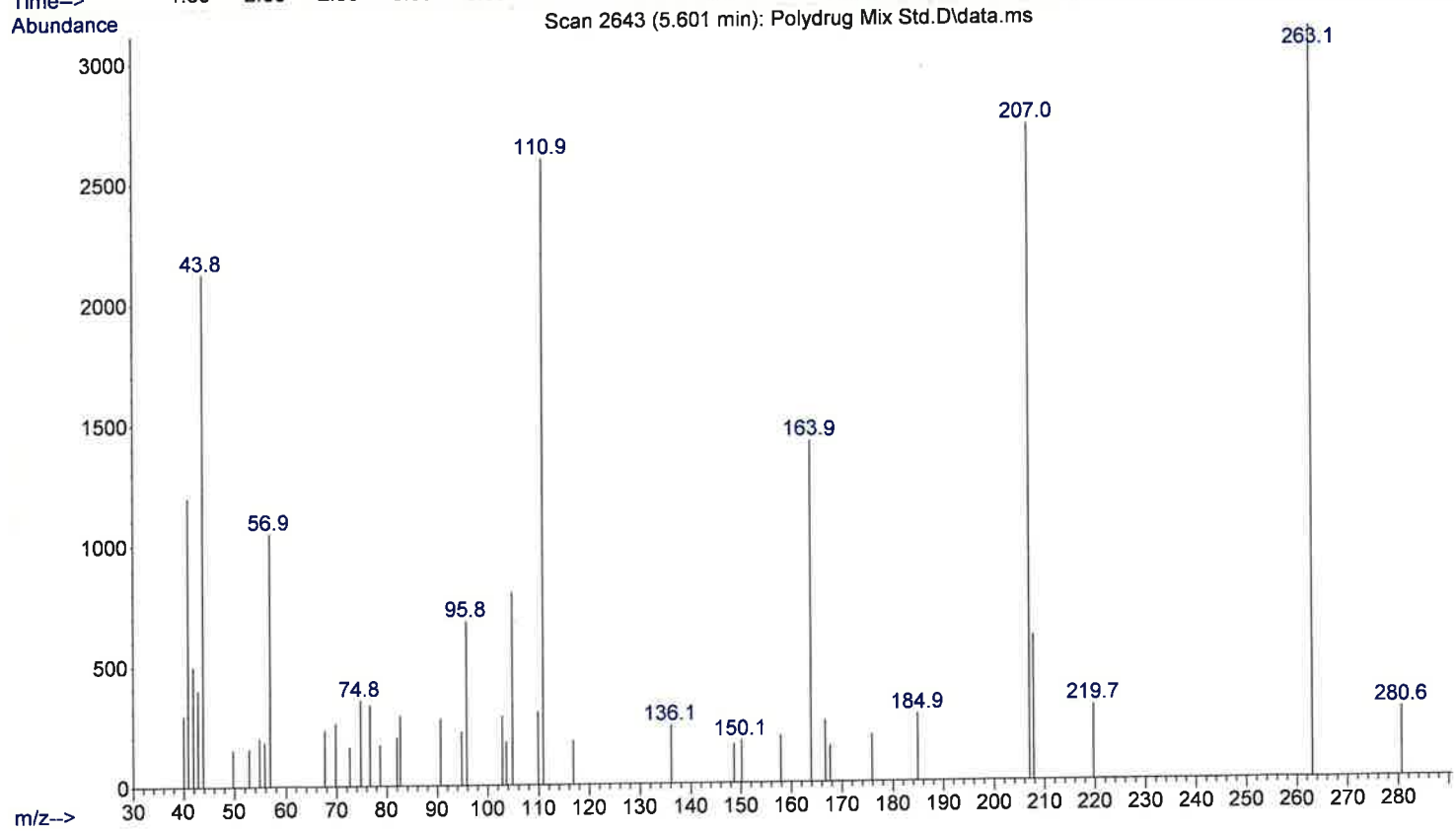
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Operator : RH
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Sample Name: Polydrug Mix Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



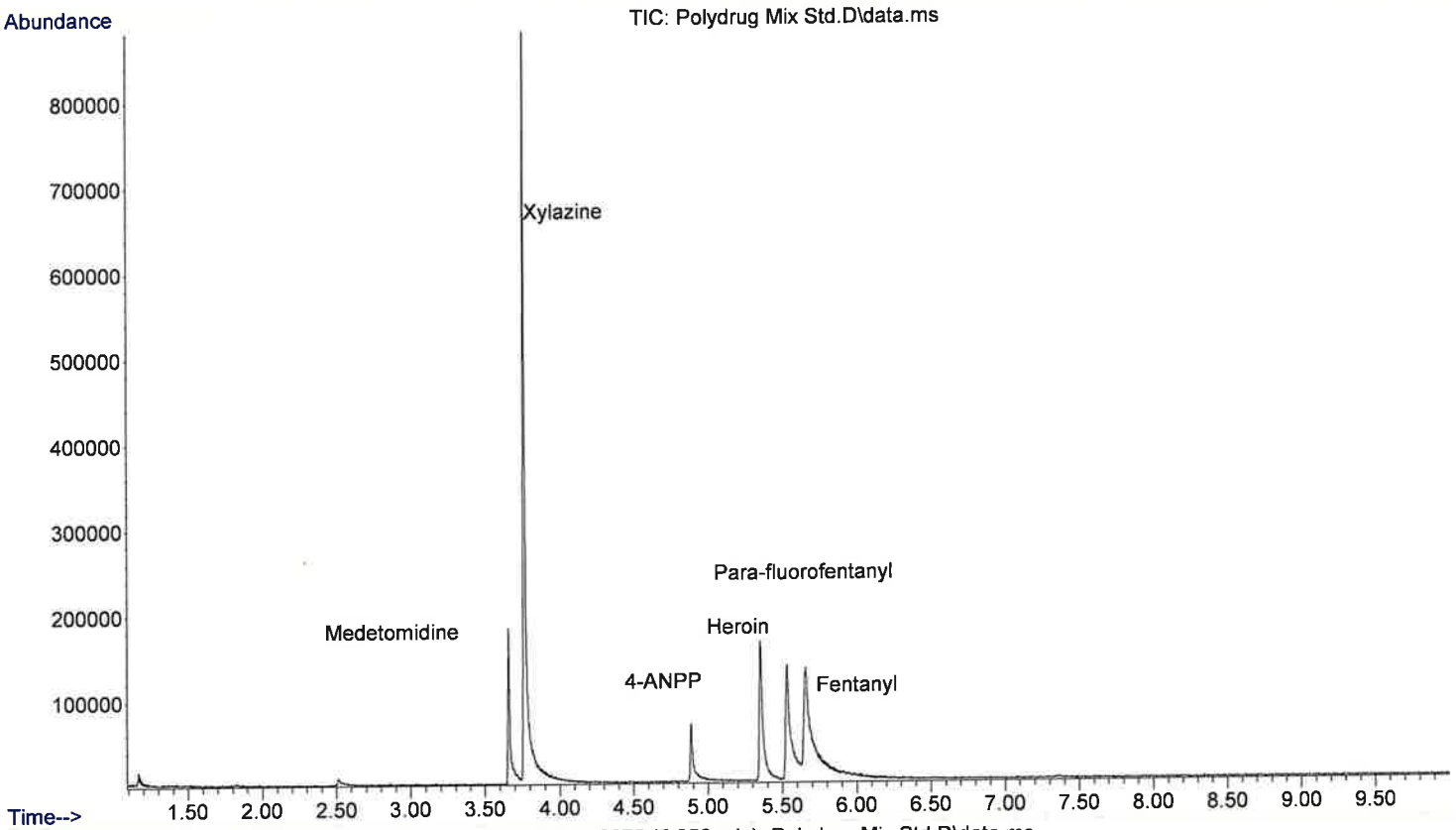


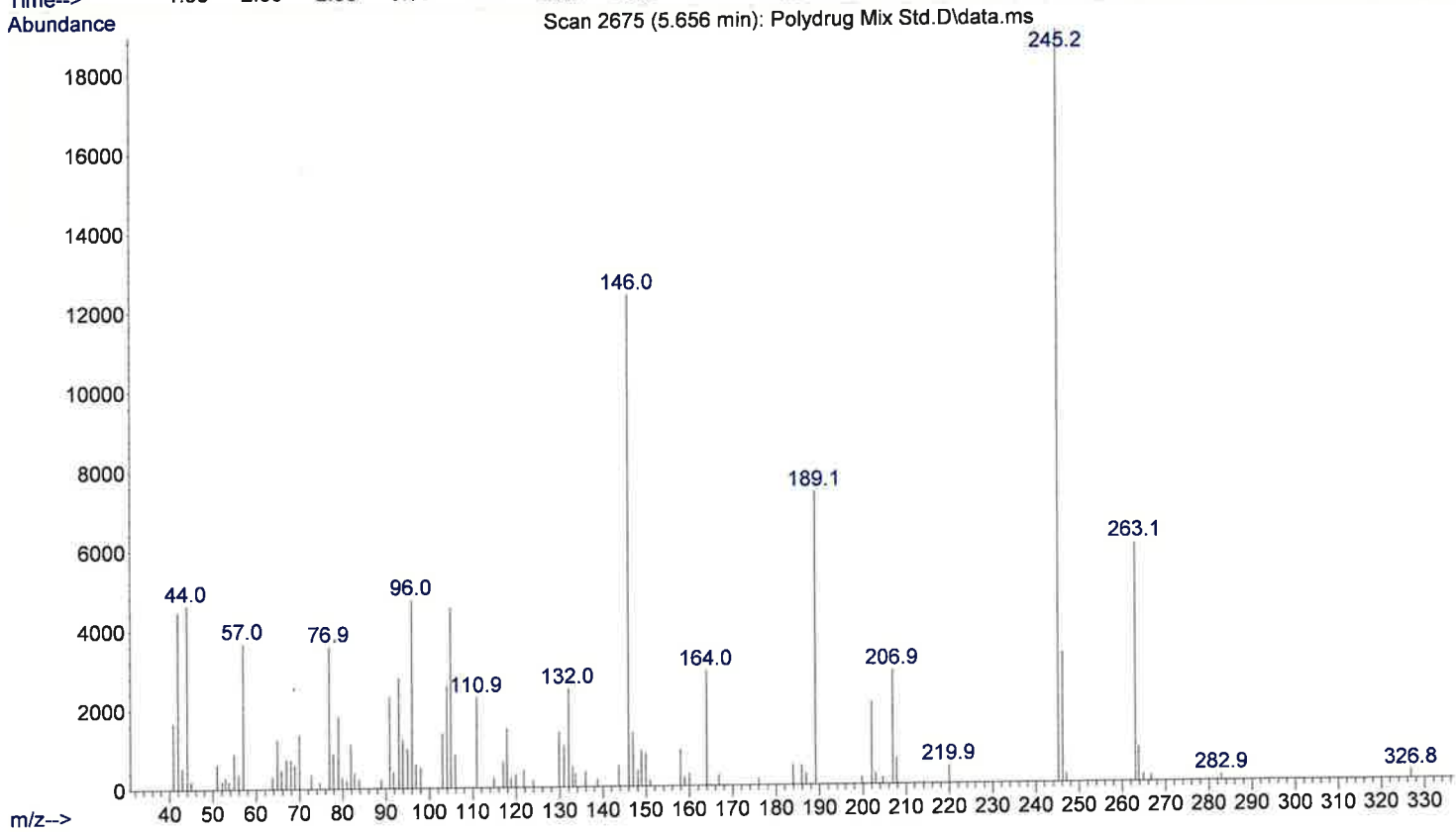
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Operator : RH
Instrument : Quincy
Acquired : 30 Mar 2026 19:49 using AcqMethod ASMSDRUGS100.M
Sample Name: Polydrug Mix Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



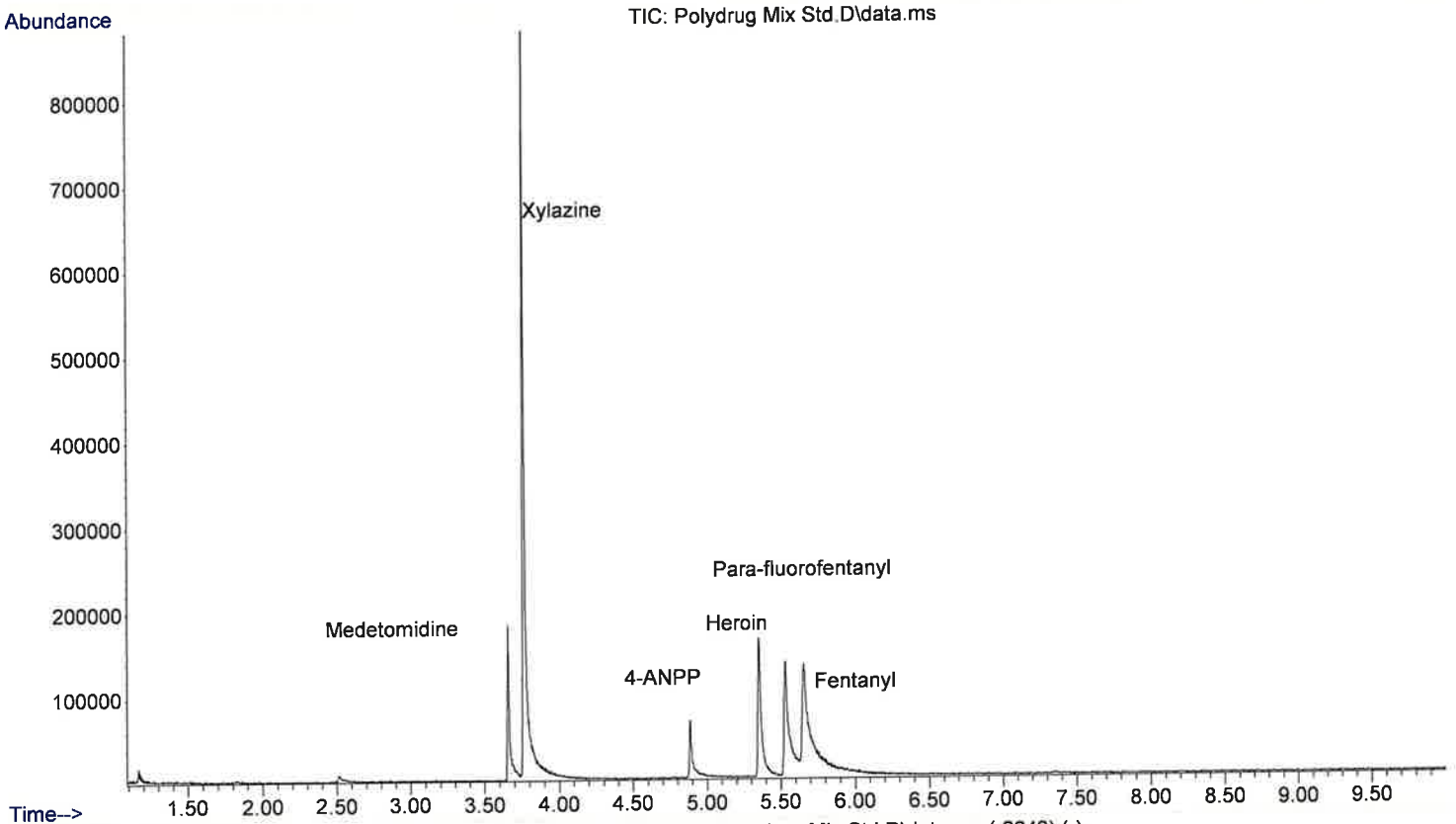


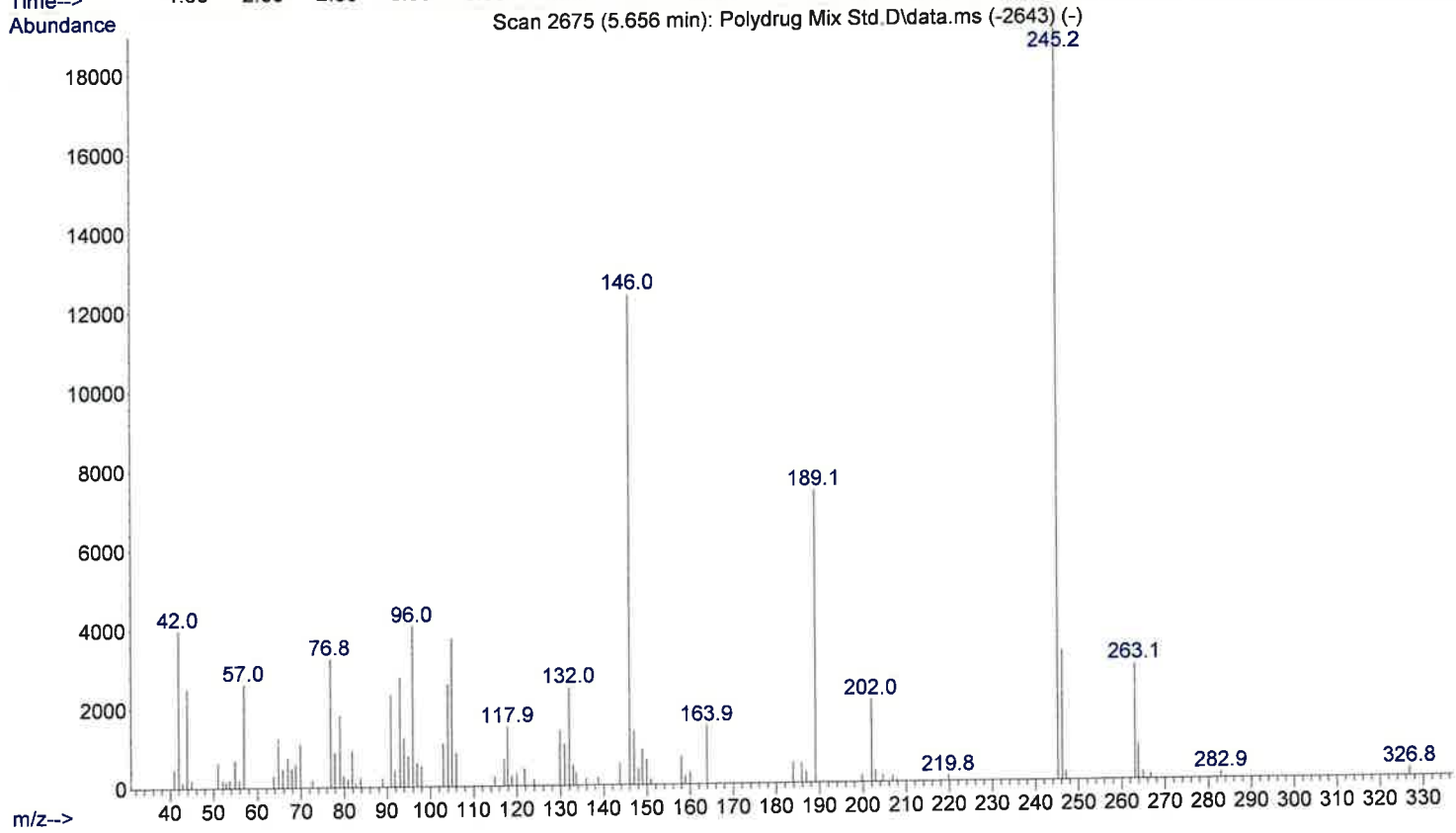
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Operator : RH
Instrument : Quincy
Acquired : 30 Mar 2026 19:49 using AcqMethod ASMSDRUGS100.M
Sample Name: Polydrug Mix Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



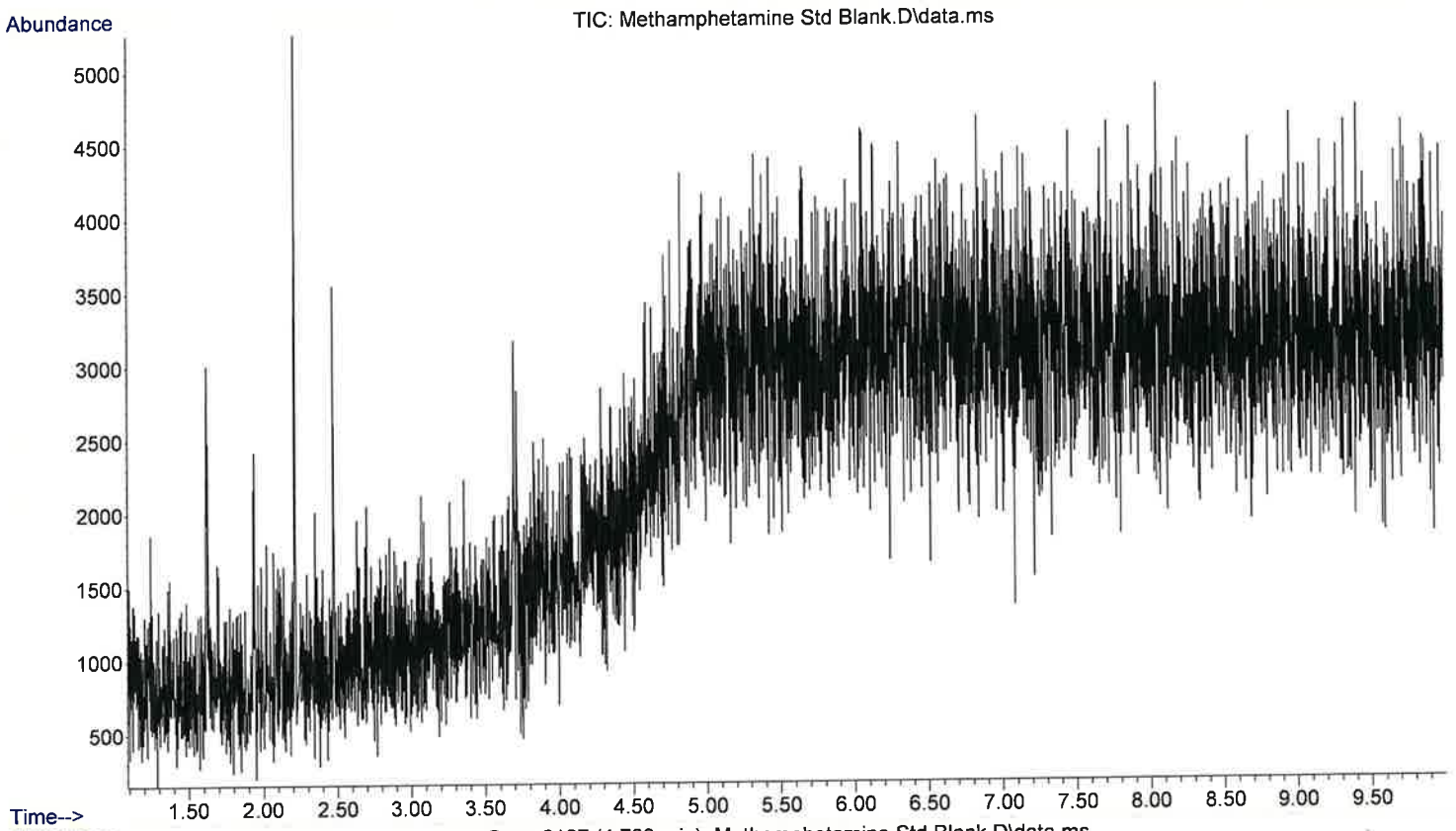


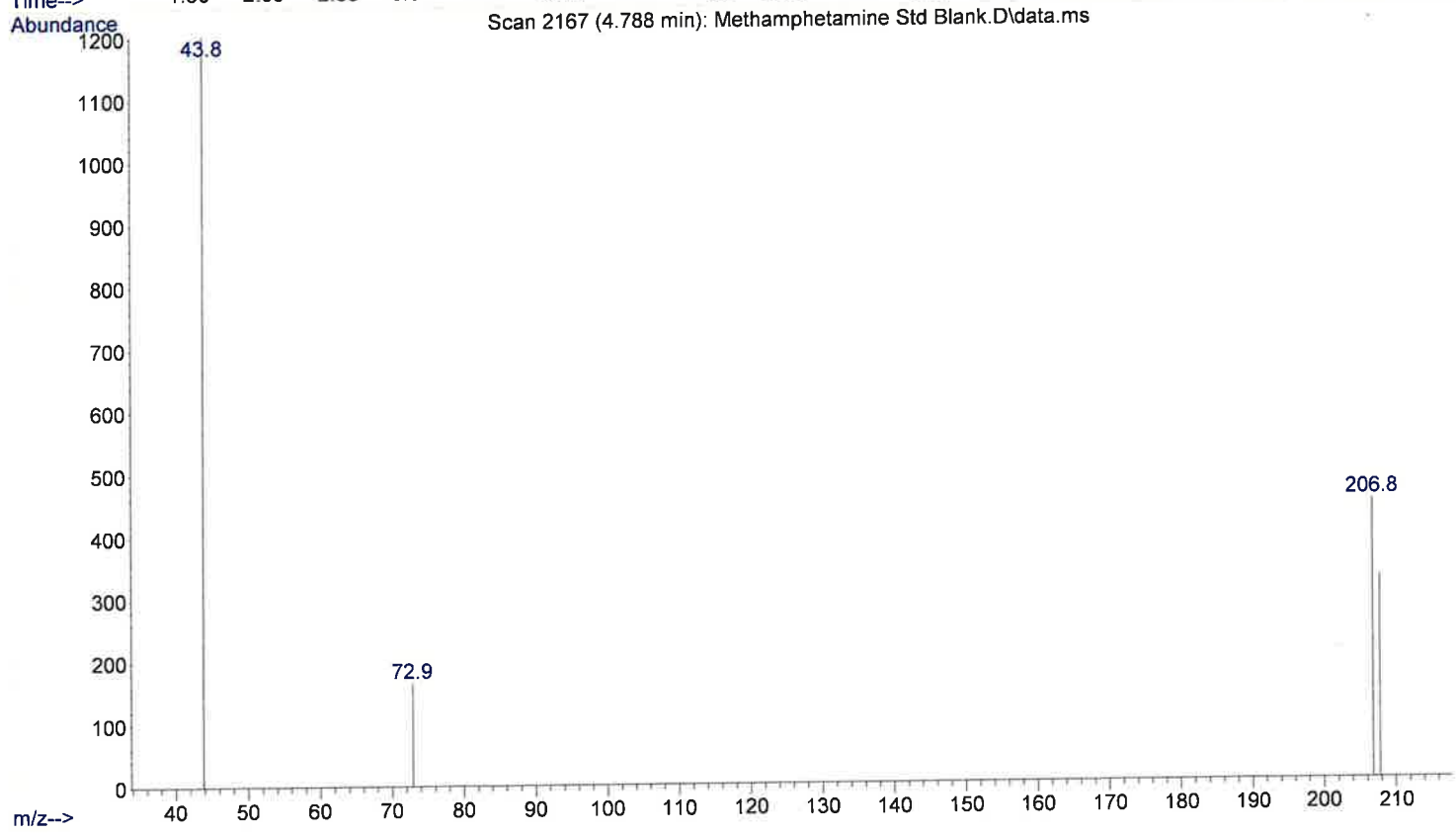
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Operator : RH
Instrument : Quincy
Acquired : 30 Mar 2026 19:49 using AcqMethod ASMSDRUGS100.M
Sample Name: Polydrug Mix Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



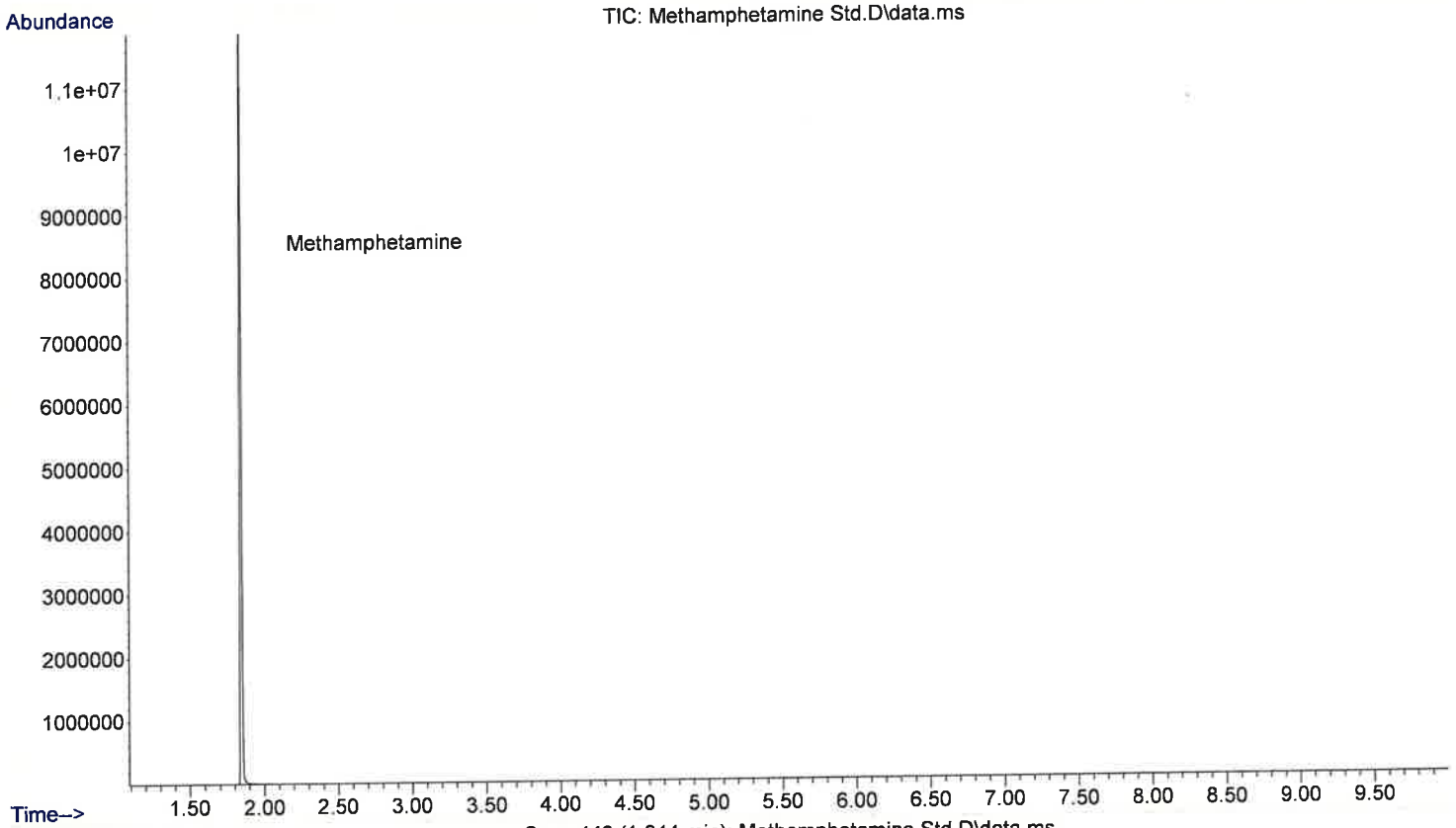


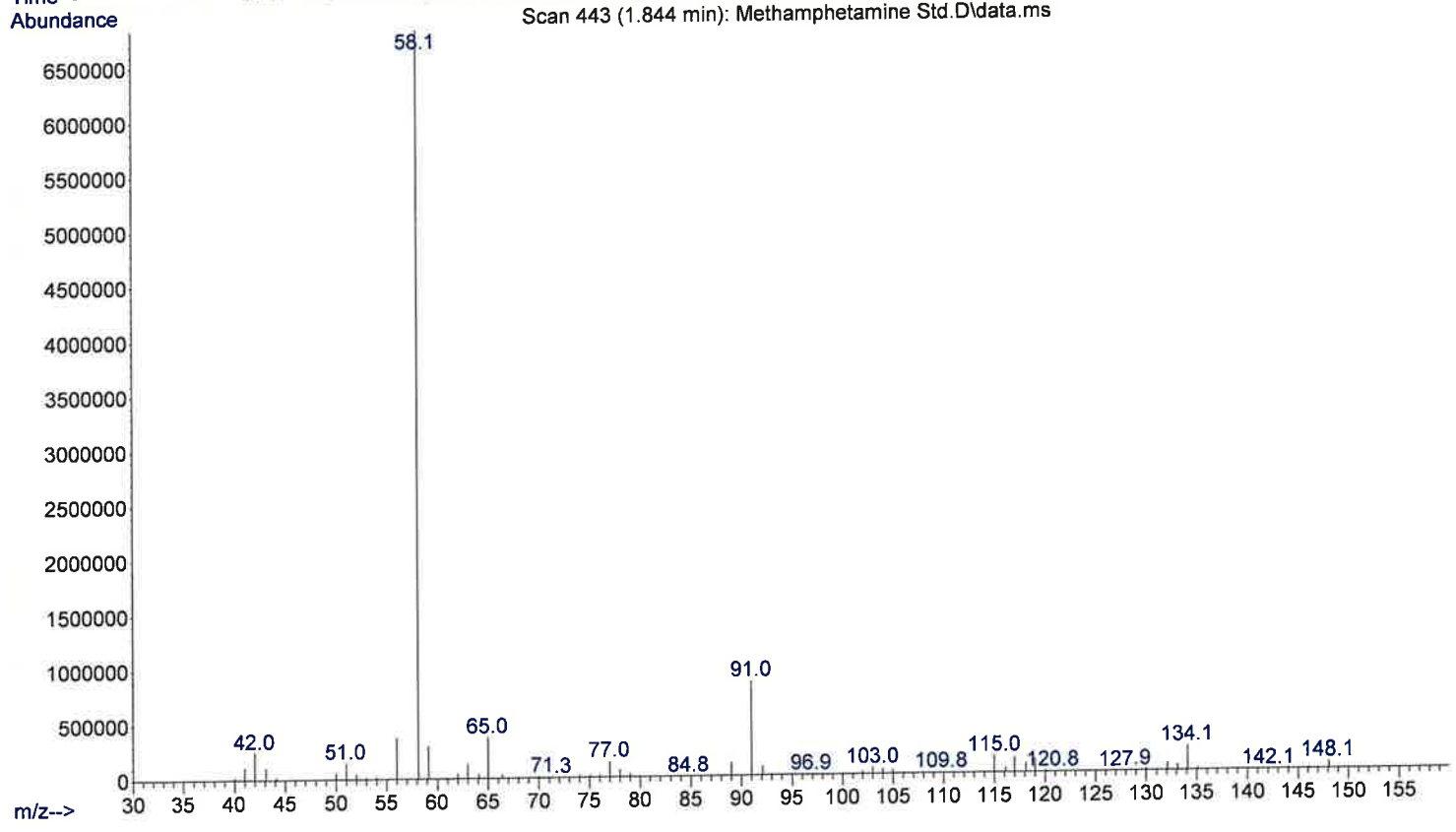
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Operator : RH
Instrument : Quincy
Acquired : 30 Mar 2026 17:00 using AcqMethod ASMSDRUGS100.M
Sample Name: Methamphetamine Std Blank
Misc Info : Meoh





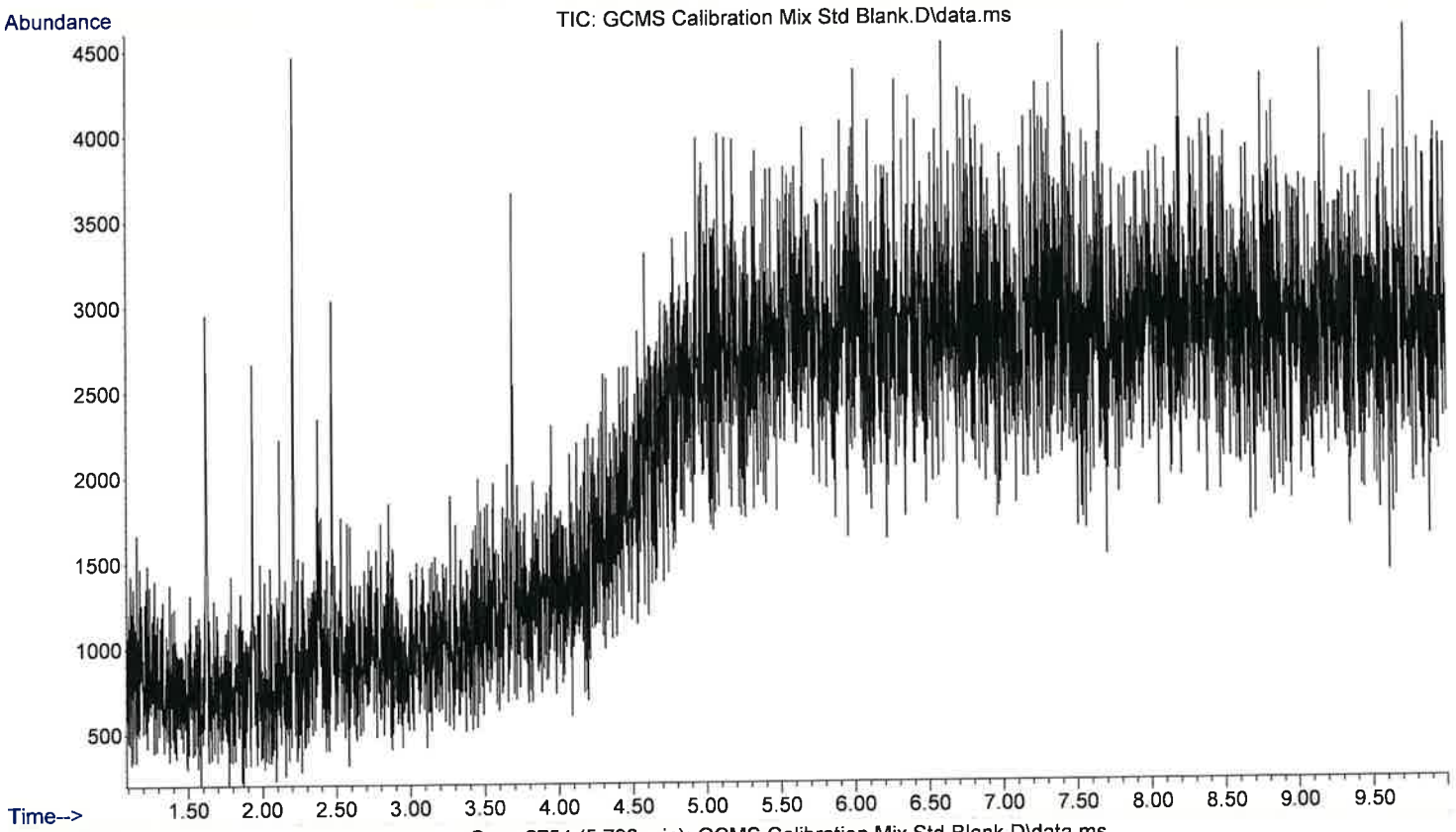
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Operator : RH
Instrument : Quincy
Acquired : 30 Mar 2026 17:13 using AcqMethod ASMSDRUGS100.M
Sample Name: Methamphetamine Std
Misc Info : Meoh,Cerilliant,LotFE006022204,Exp12-31-27

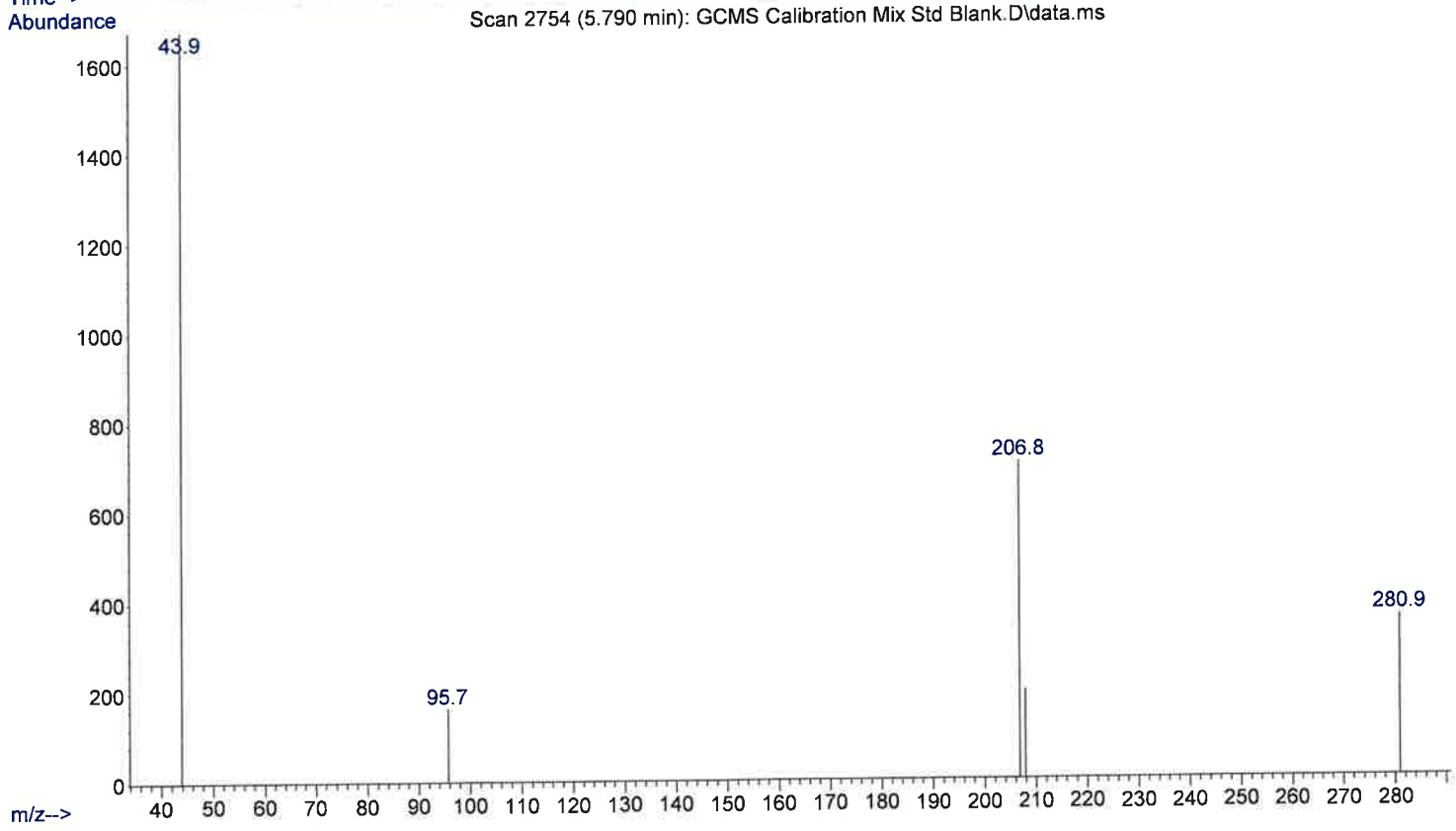




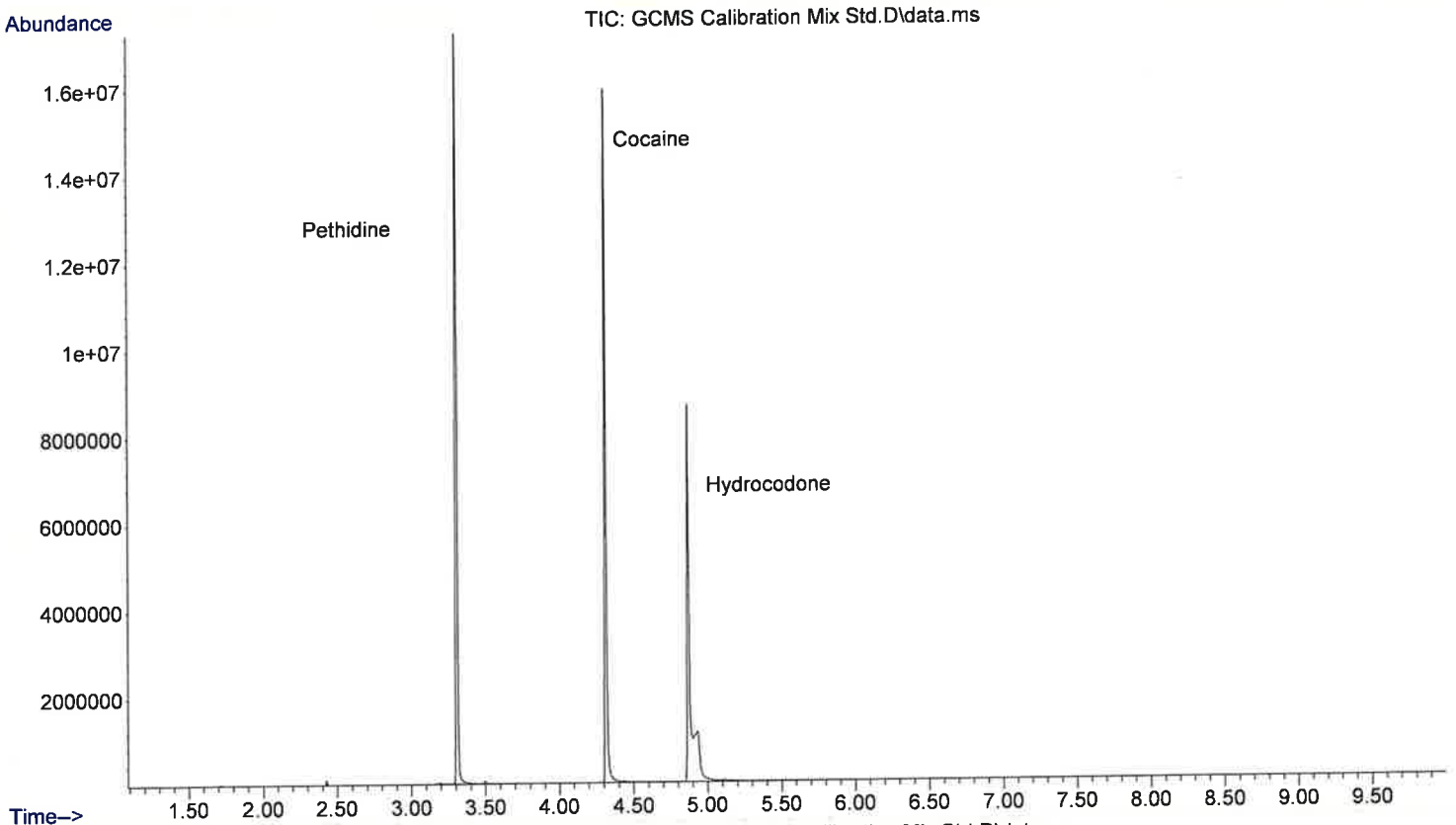
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Instrument : Quincy
Acquired : 30 Mar 2026 17:39 using AcqMethod ASMSDRUGS100.M
Sample Name: GCMS Calibration Mix Std Blank
Misc Info : Meoh

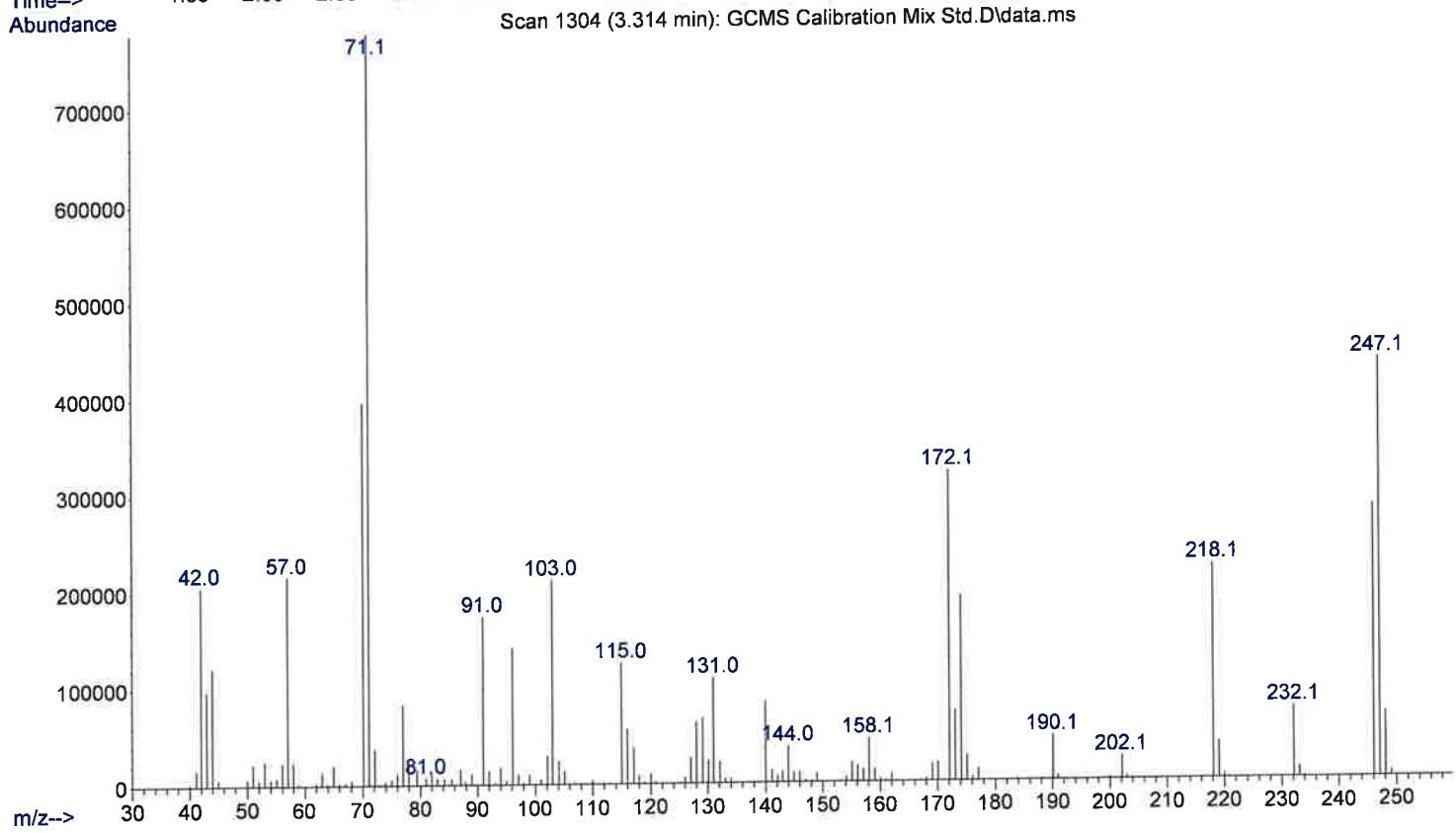
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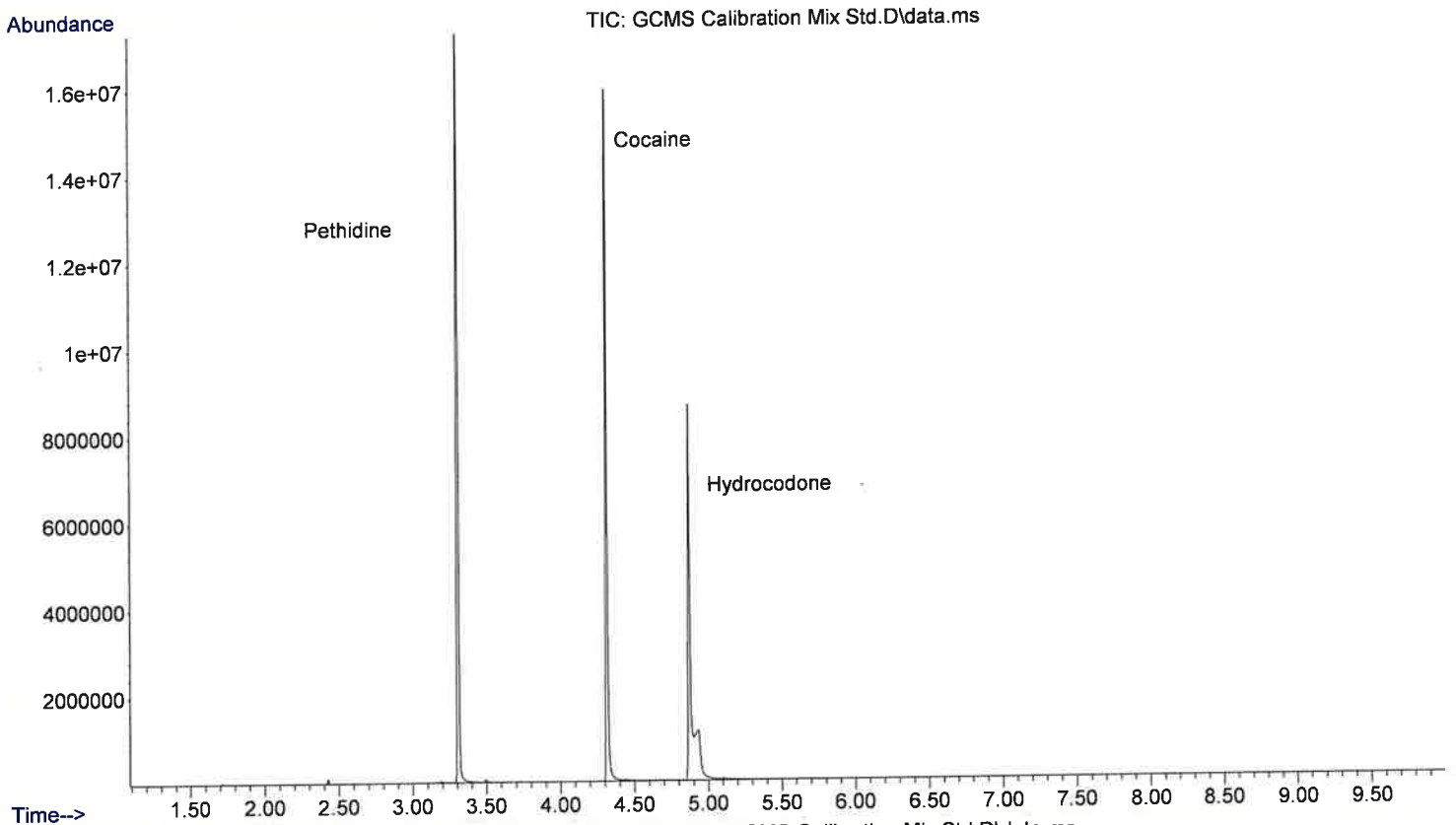


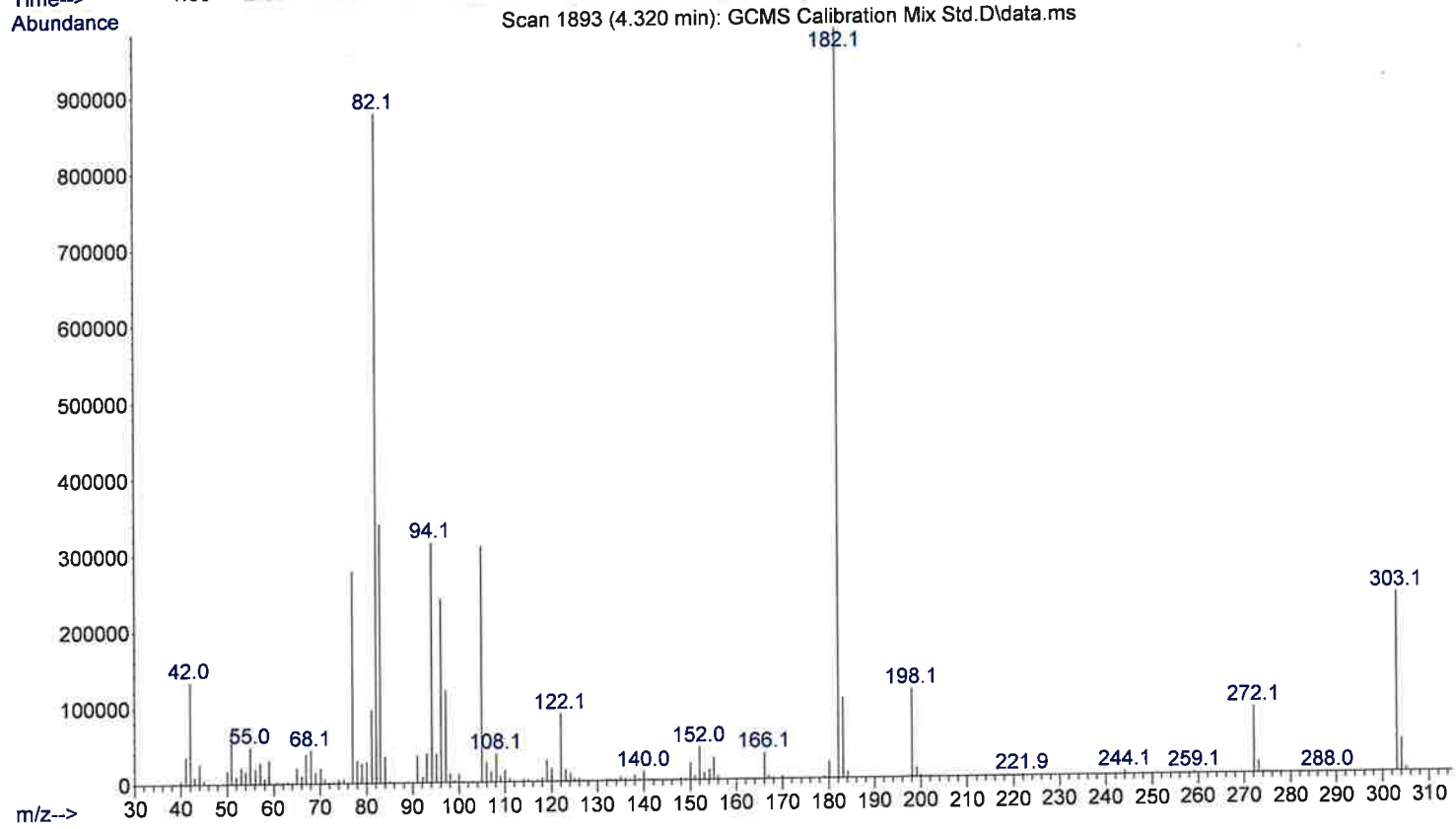
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Operator : RH
Instrument : Quincy
Acquired : 30 Mar 2026 17:52 using AcqMethod ASMSDRUGS100.M
Sample Name: GCMS Calibration Mix Std
Misc Info : Meoh,Exp 03-06-27



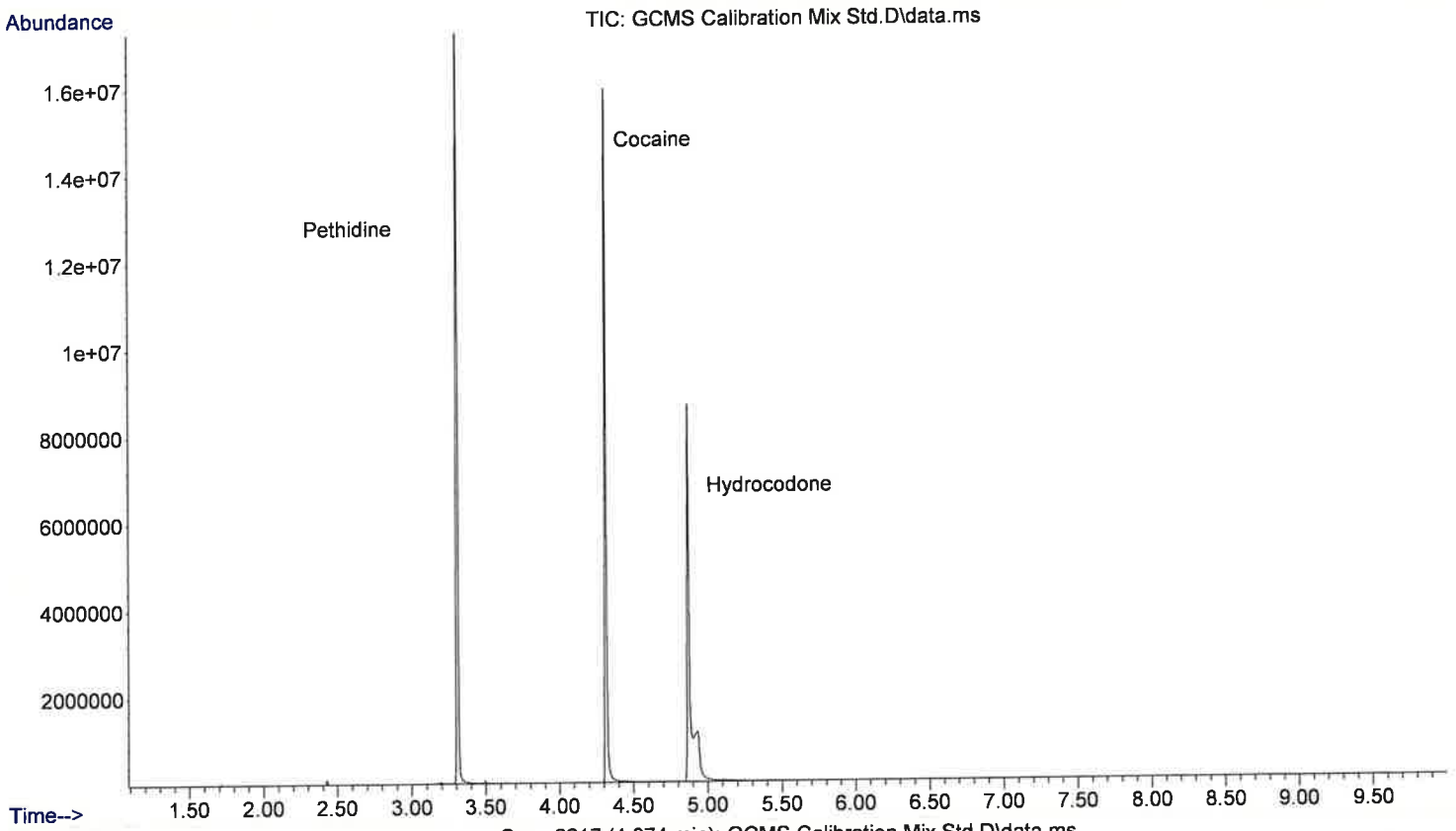


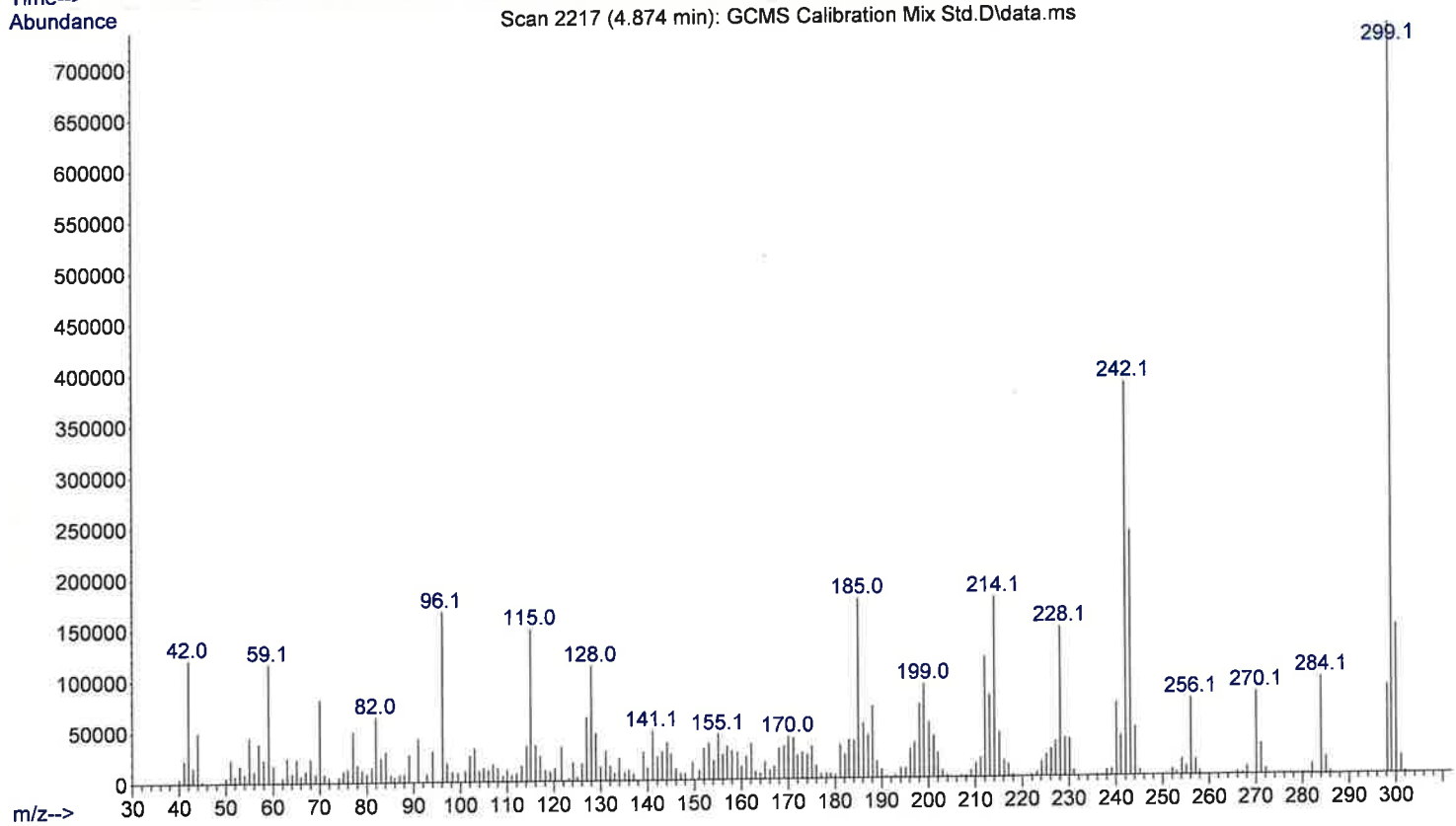
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Operator : RH
Instrument : Quincy
Acquired : 30 Mar 2026 17:52 using AcqMethod ASMSDRUGS100.M
Sample Name: GCMS Calibration Mix Std
Misc Info : Meoh,Exp 03-06-27



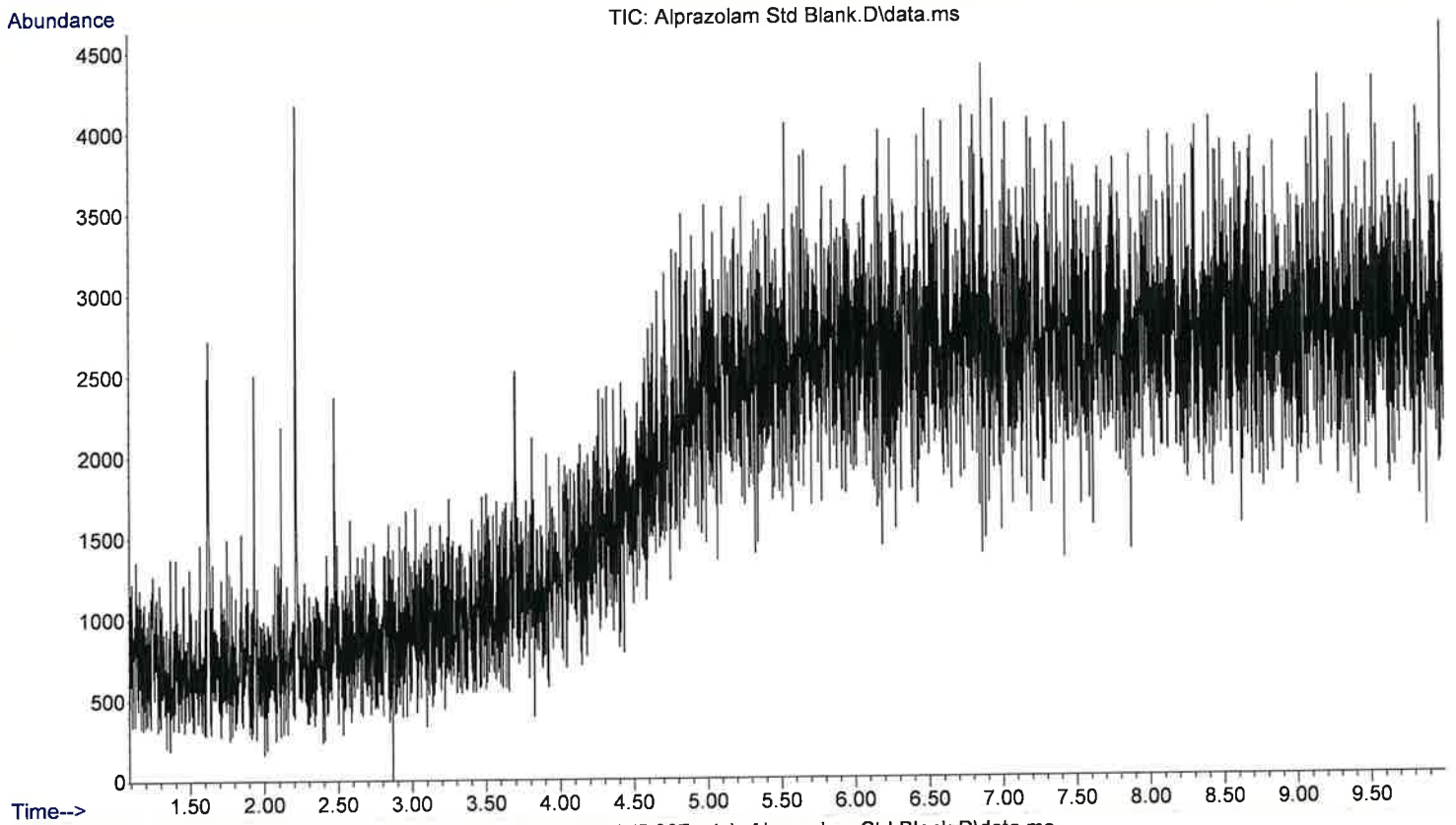


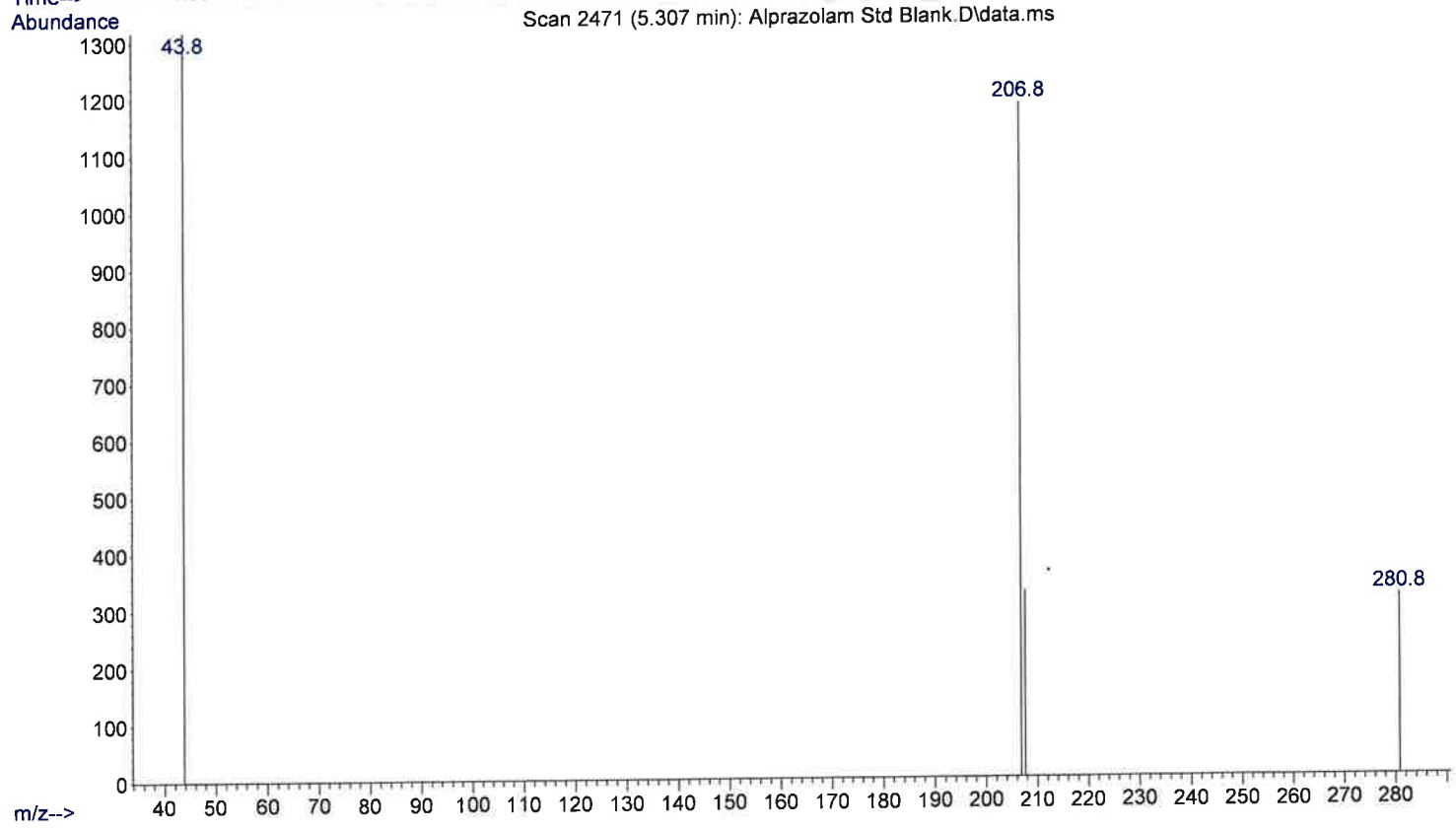
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Operator : RH
Instrument : Quincy
Acquired : 30 Mar 2026 17:52 using AcqMethod ASMSDRUGS100.M
Sample Name: GCMS Calibration Mix Std
Misc Info : Meoh,Exp 03-06-27



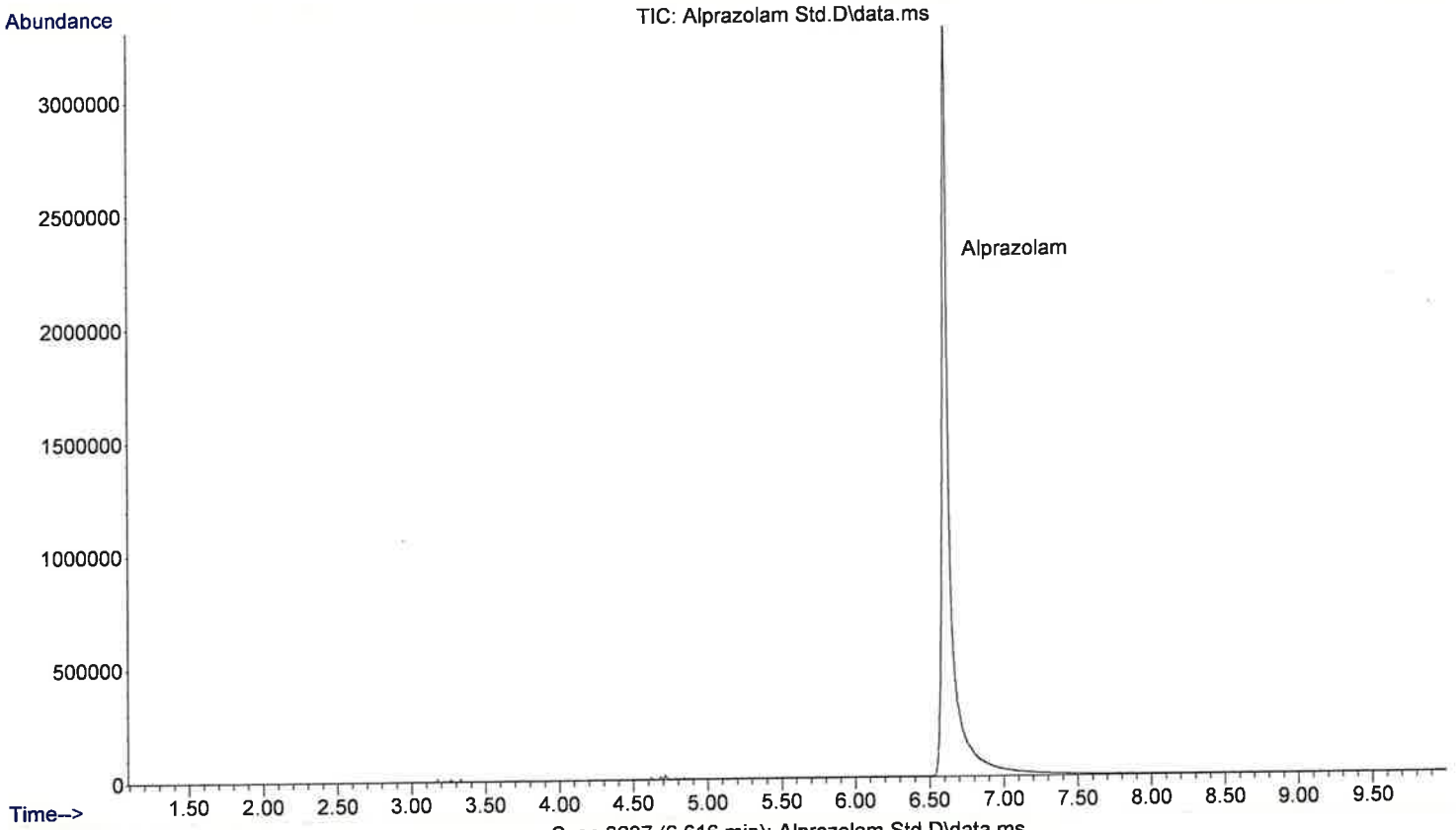


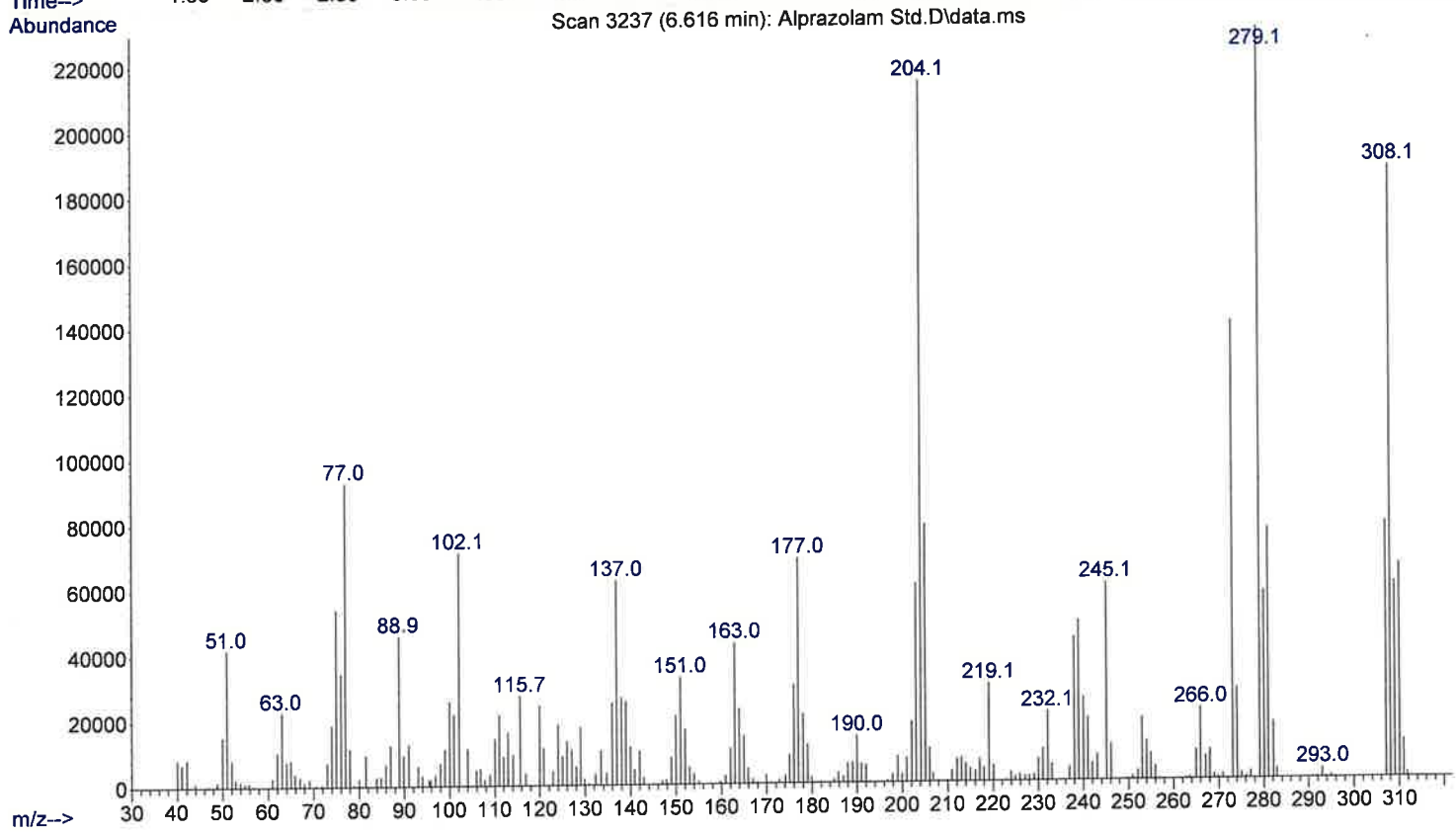
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Operator : RH
Instrument : Quincy
Acquired : 30 Mar 2026 18:18 using AcqMethod ASMSDRUGS100.M
Sample Name: Alprazolam Std Blank
Misc Info : Meoh



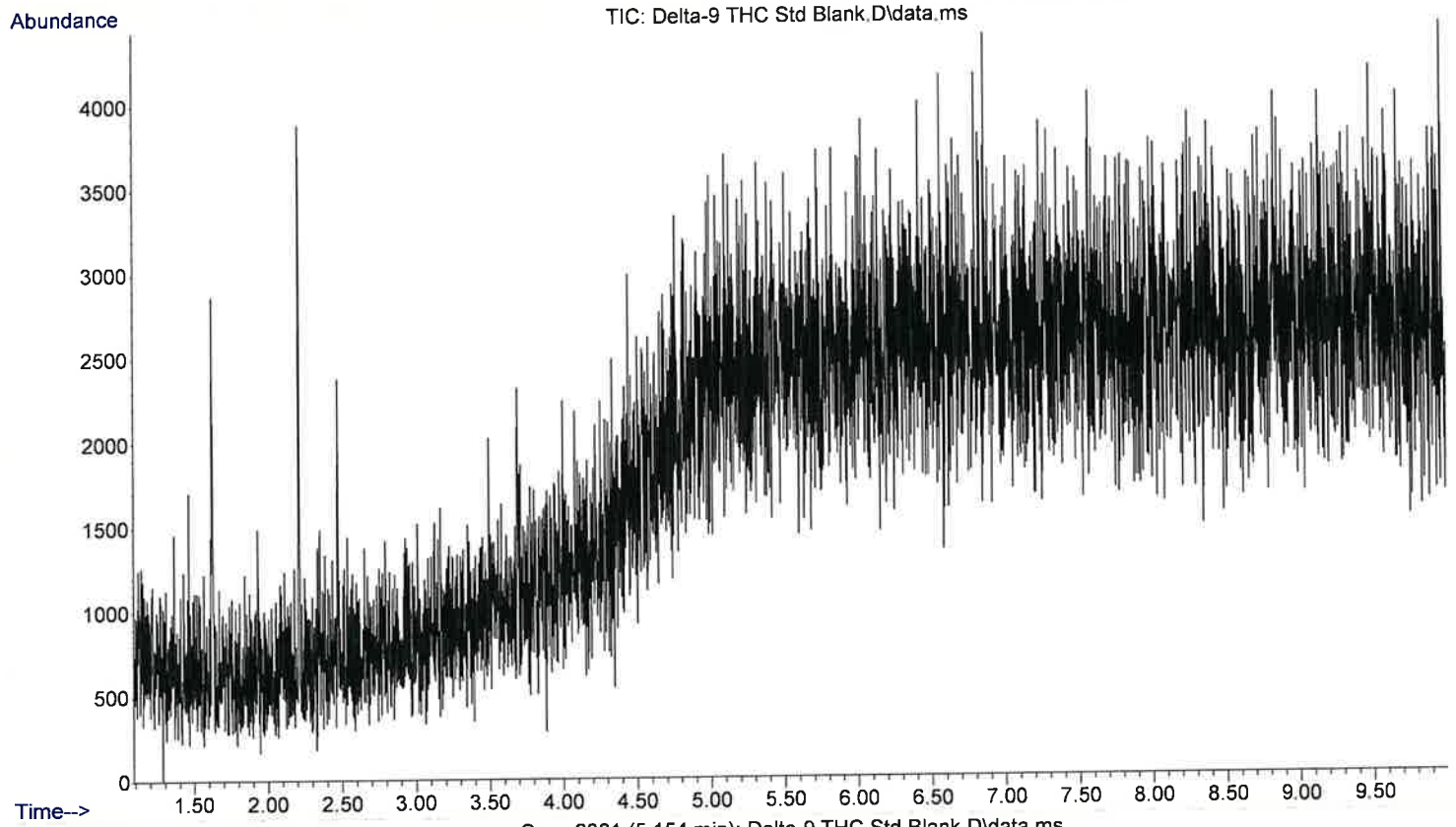


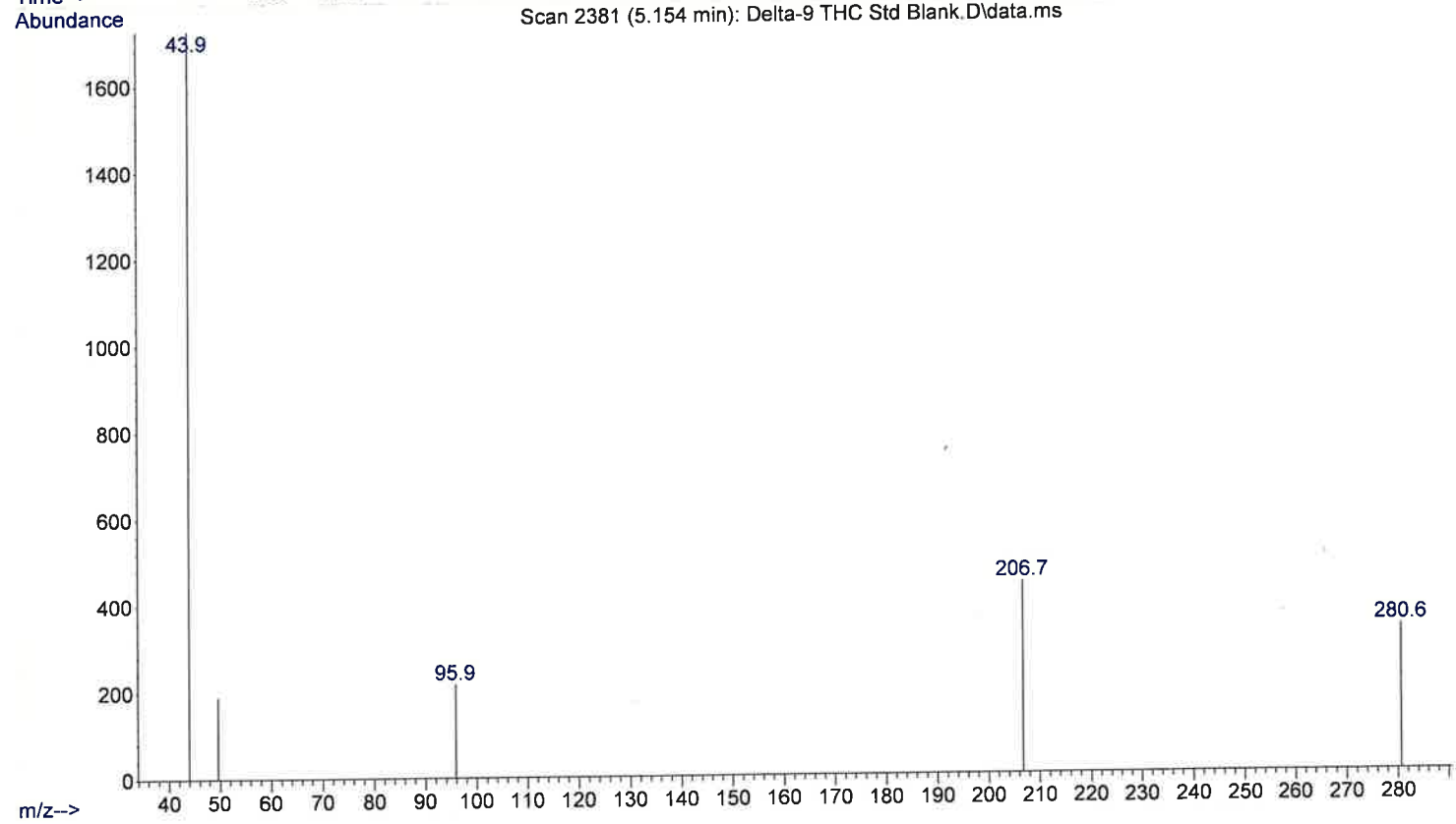
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Operator : RH
Instrument : Quincy
Acquired : 30 Mar 2026 18:31 using AcqMethod ASMSDRUGS100.M
Sample Name: Alprazolam Std
Misc Info : Meoh,Cerilliant,LotFE050032221,Exp01-31-28



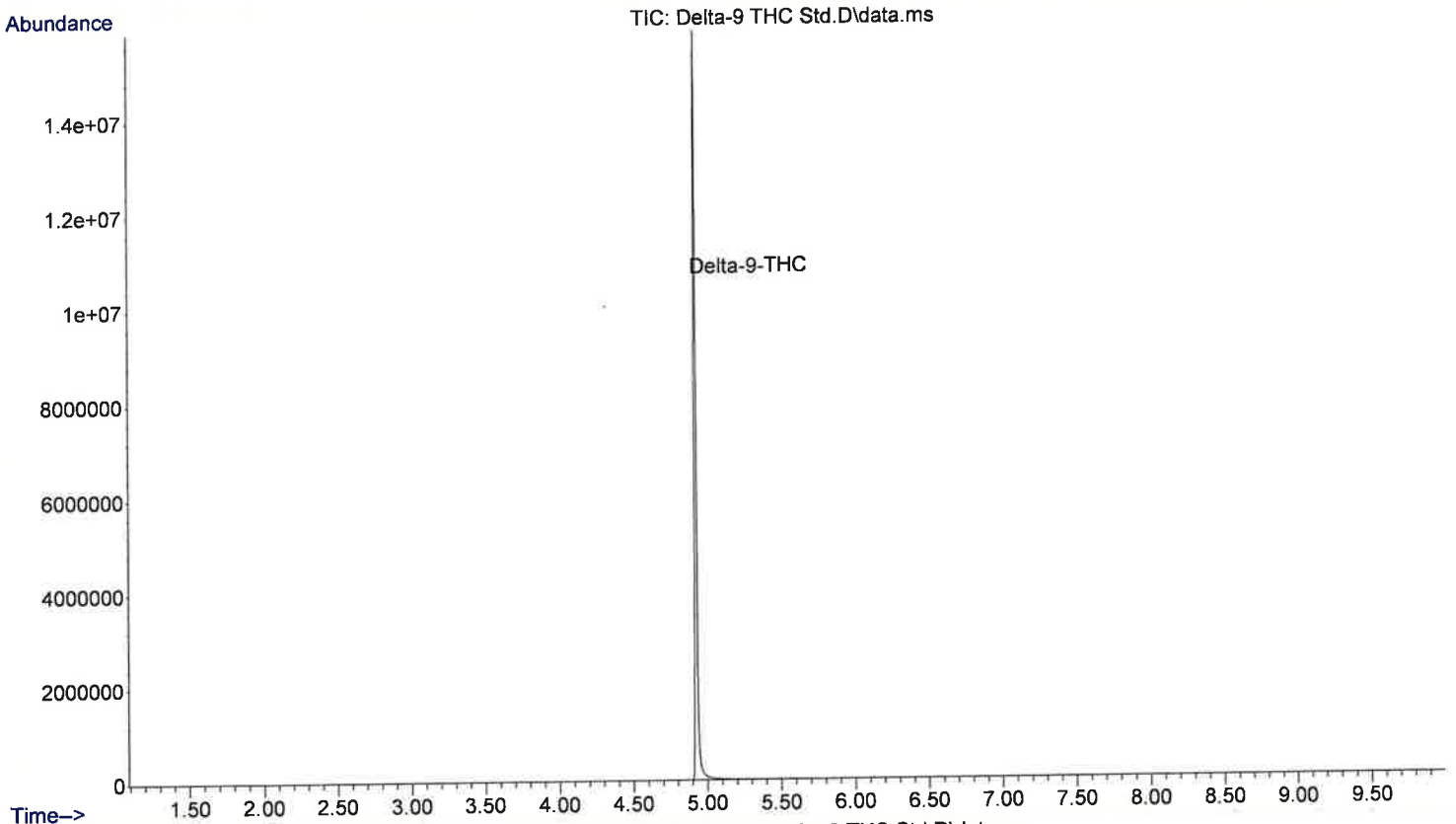


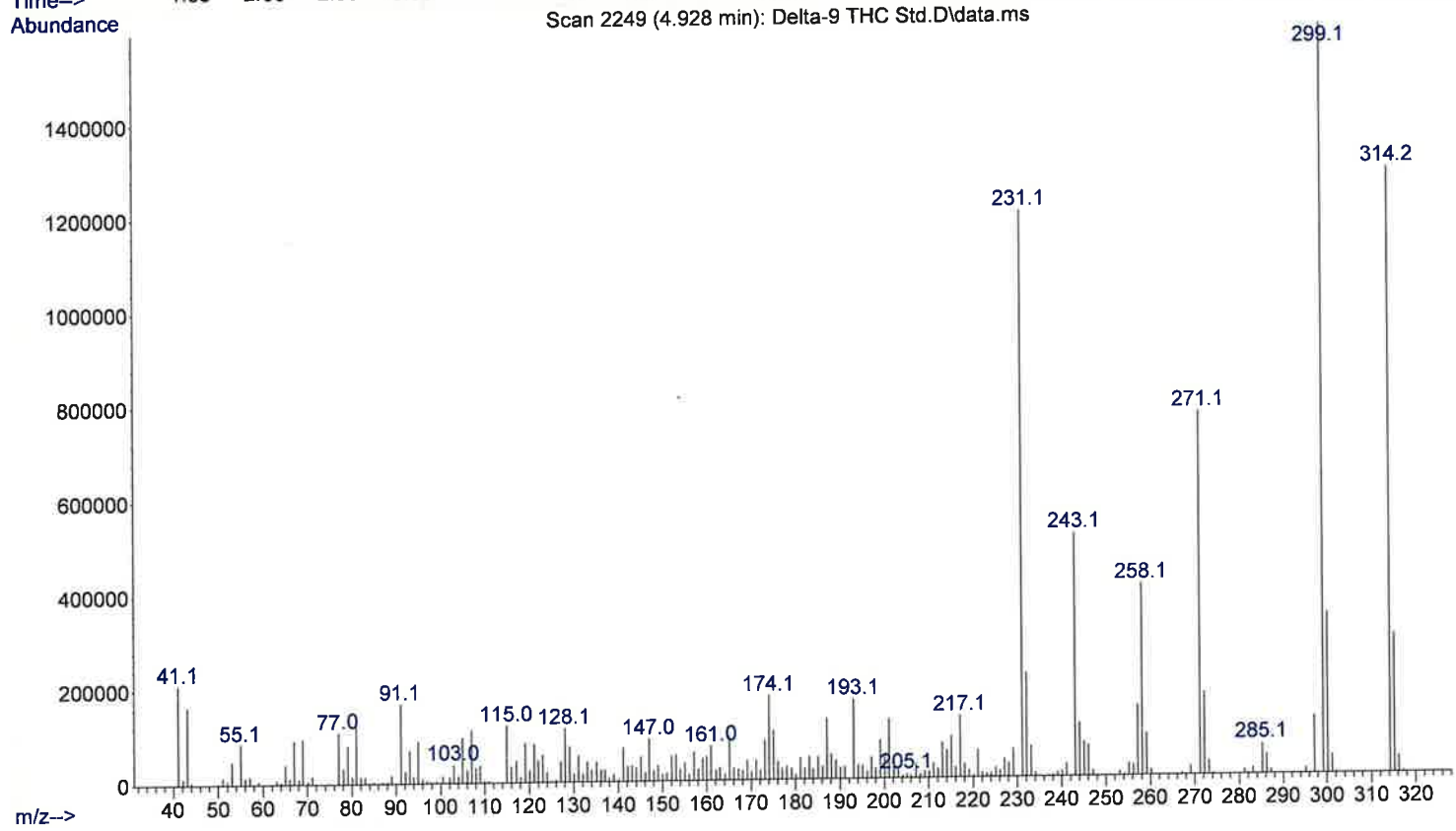
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Operator : RH
Instrument : Quincy
Acquired : 30 Mar 2026 18:57 using AcqMethod ASMSDRUGS100.M
Sample Name: Delta-9 THC Std Blank
Misc Info : Meoh



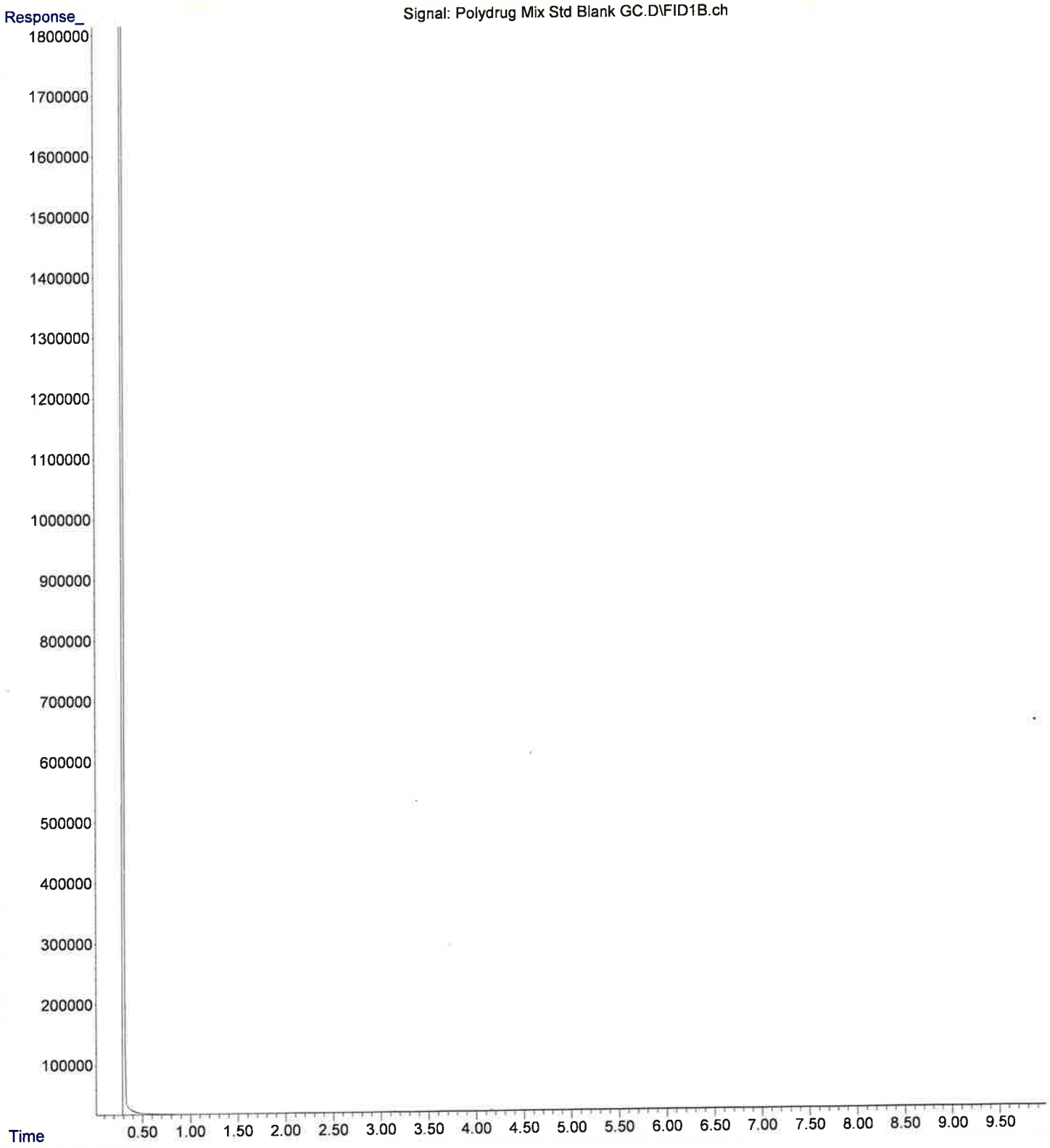


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Operator : RH
Instrument : Quincy
Acquired : 30 Mar 2026 19:10 using AcqMethod ASMSDRUGS100.M
Sample Name: Delta-9 THC Std
Misc Info : Meoh,Cerilliant,LotFE06212201,Exp10-31-27

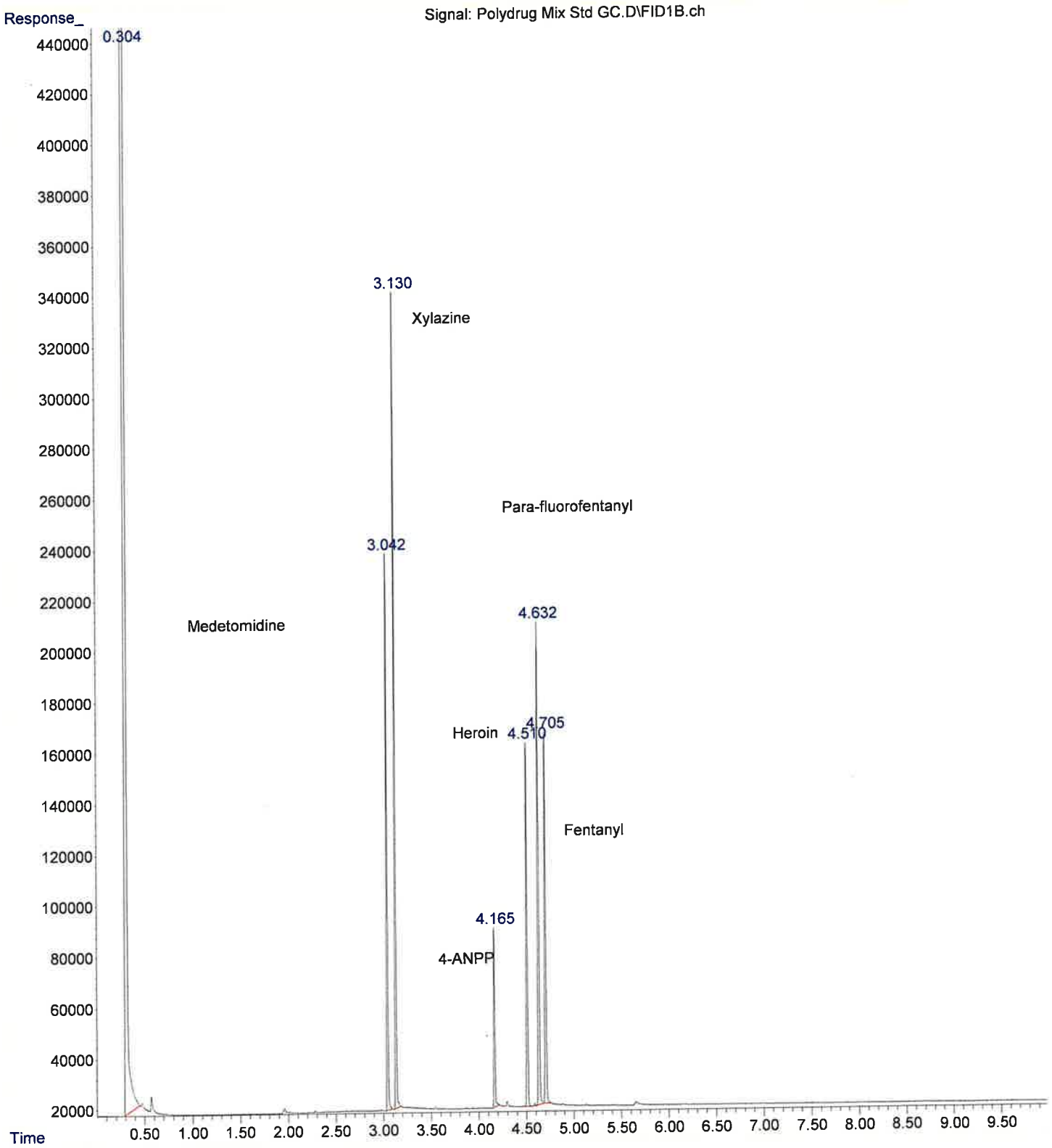




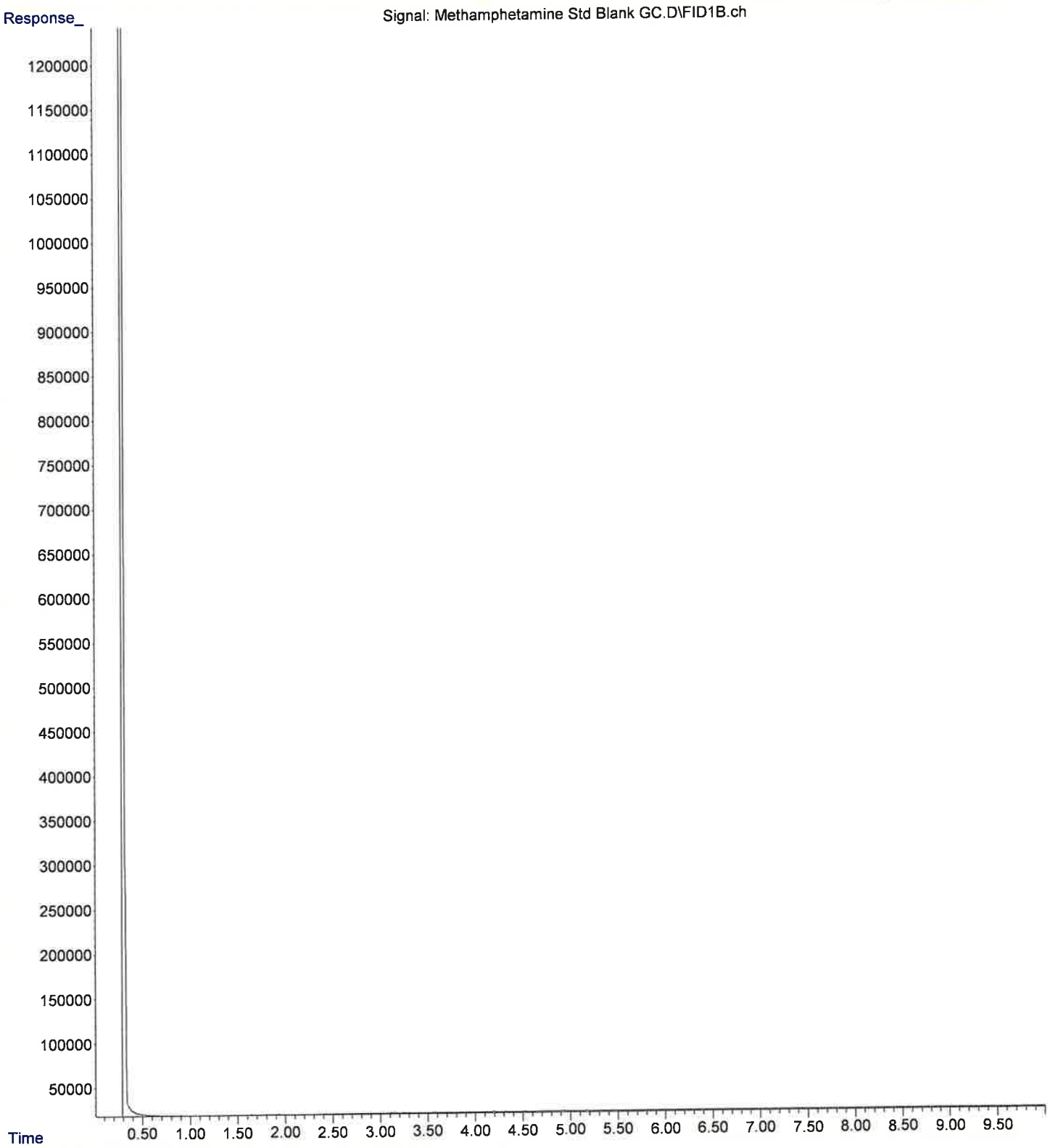
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Operator : RH
Instrument : Quincy
Acquired : 30 Mar 2026 23:27 using AcqMethod ASGC100.M
Sample Name: Polydrug Mix Std Blank GC
Misc Info : Acetonitrile



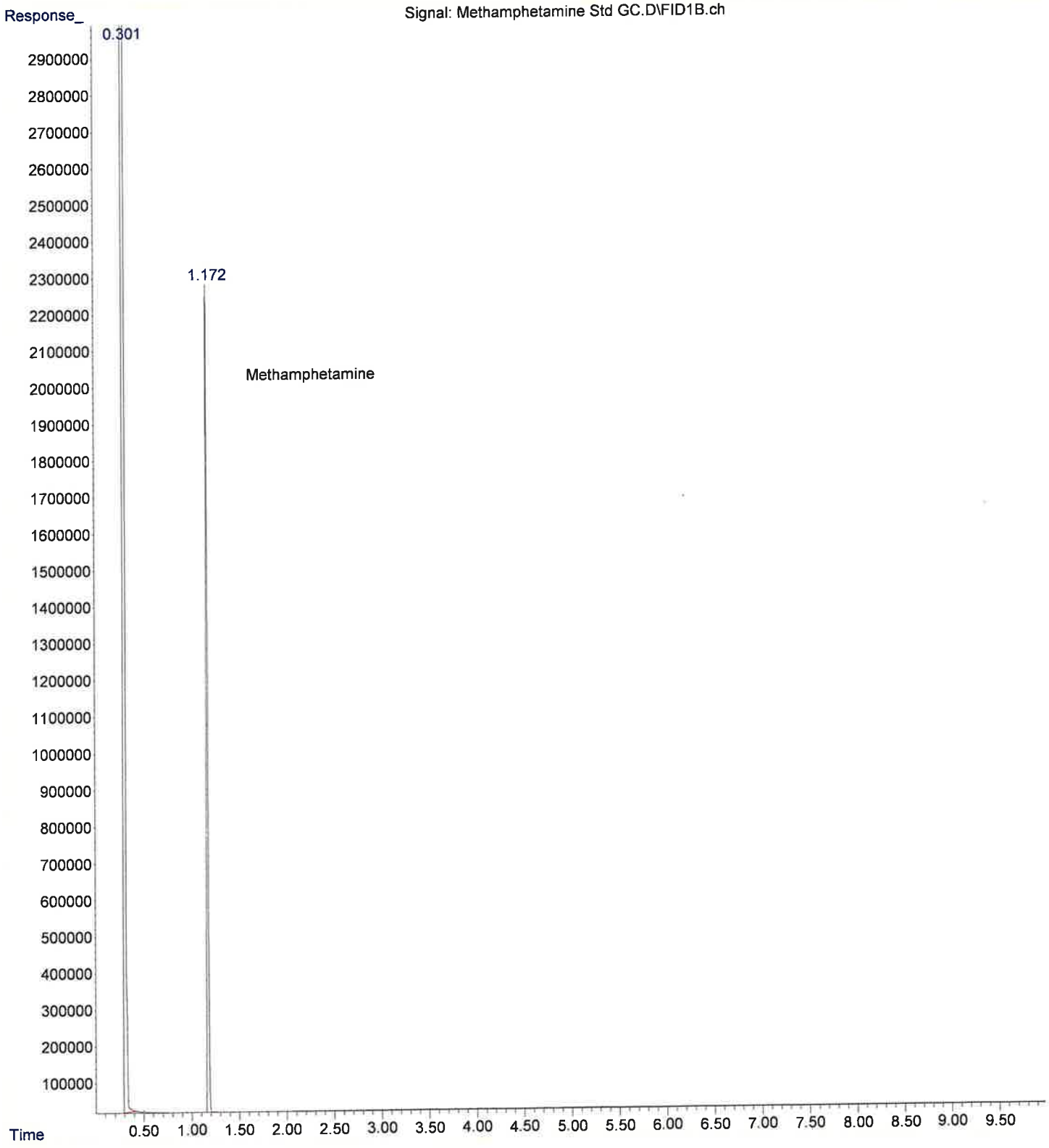
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Operator : RH
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Sample Name: Polydrug Mix Std GC
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



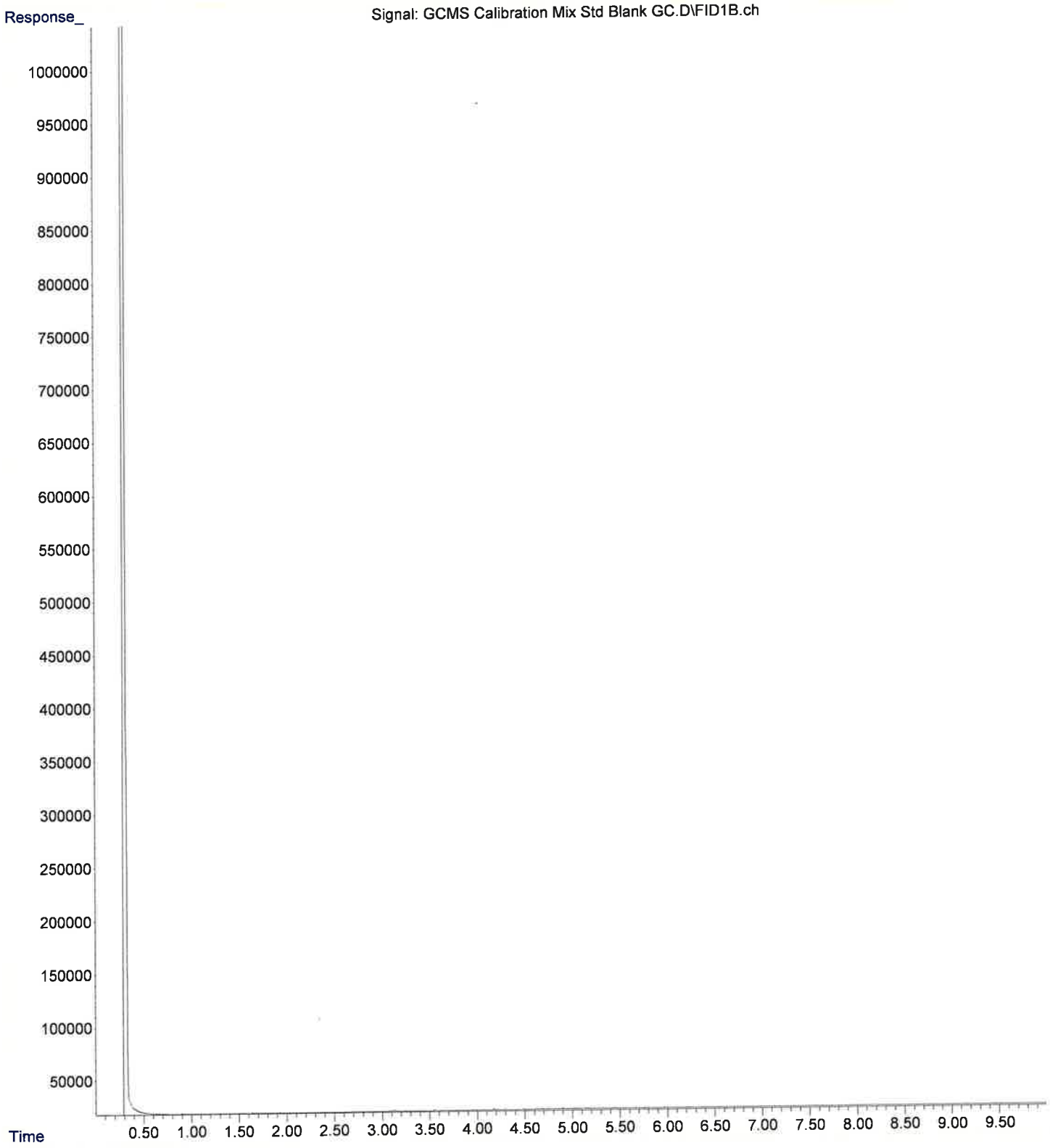
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Instrument : Quincy
Acquired : 30 Mar 2026 20:53 using AcqMethod ASGC100.M
Sample Name: Methamphetamine Std Blank GC
Misc Info : Meoh



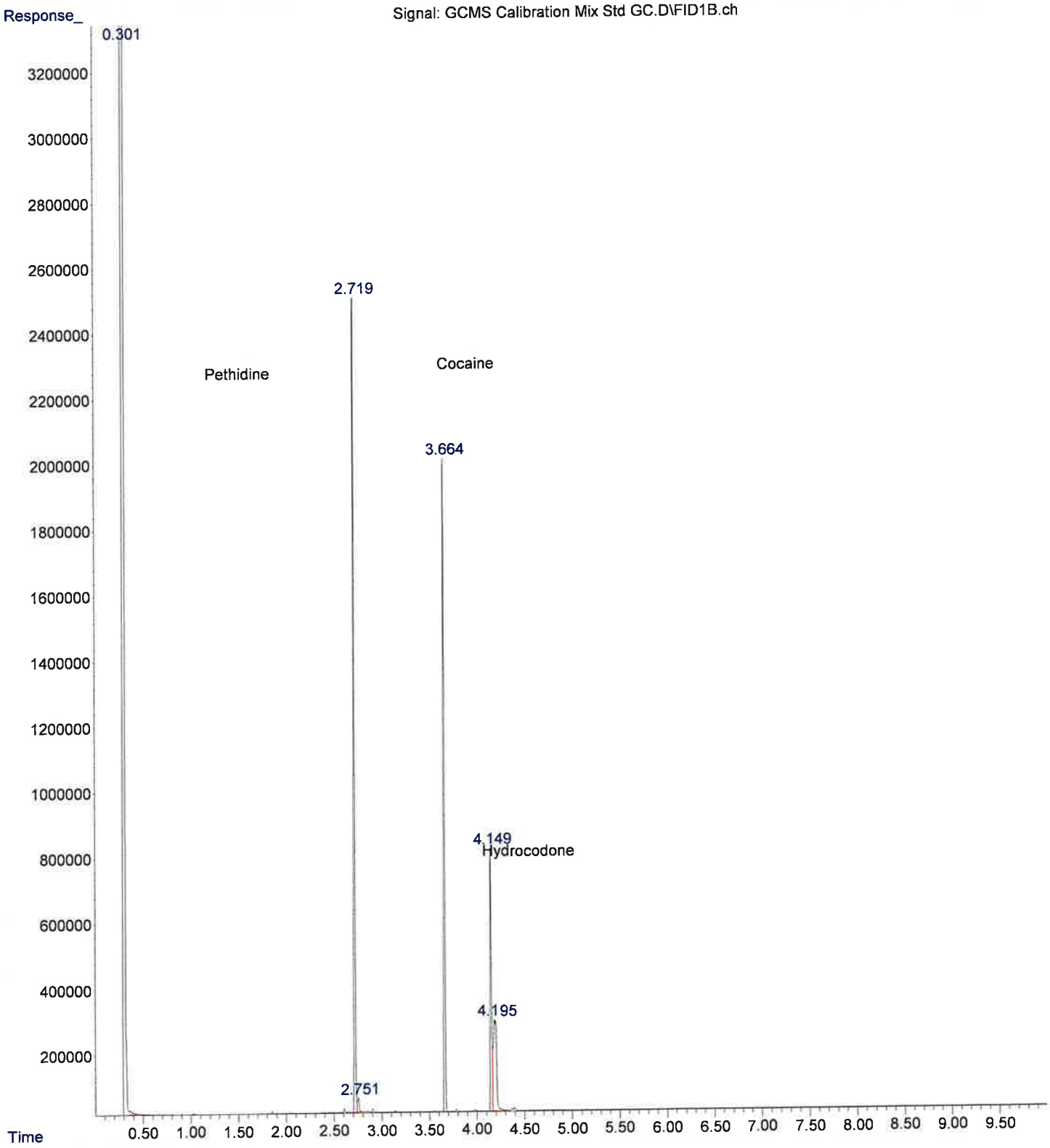
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Operator : RH
Instrument : Quincy
Acquired : 30 Mar 2026 21:06 using AcqMethod ASGC100.M
Sample Name: Methamphetamine Std GC
Misc Info : Meoh,Cerilliant,LotFE006022204,Exp12-31-27



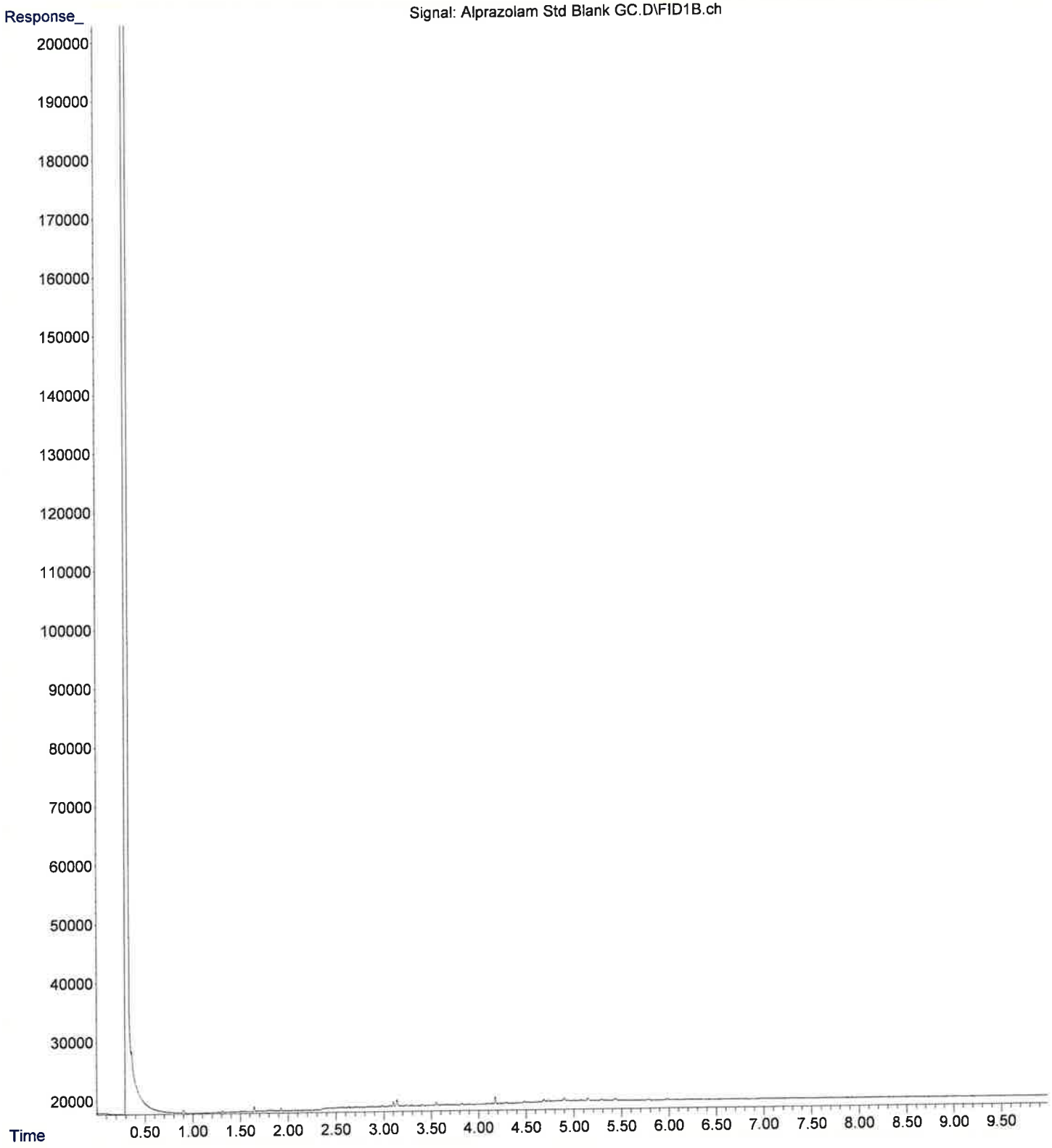
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Operator : RH
Instrument : Quincy
Acquired : 30 Mar 2026 21:32 using AcqMethod ASGC100.M
Sample Name: GCMS Calibration Mix Std Blank GC
Misc Info : Meoh



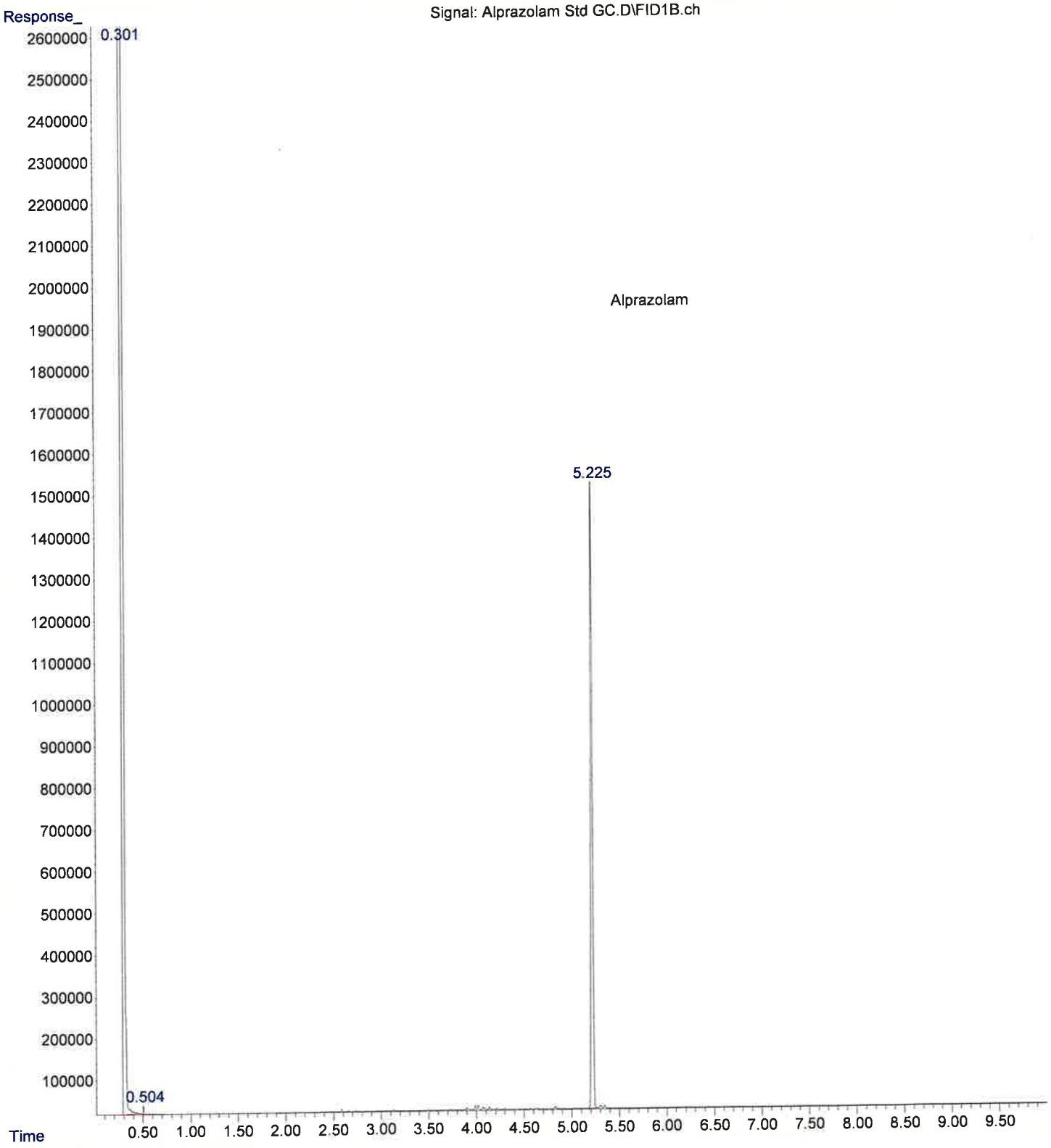
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Operator : RH
Instrument : Quincy
Acquired : 30 Mar 2026 21:44 using AcqMethod ASGC100.M
Sample Name: GCMS Calibration Mix Std GC
Misc Info : Meoh,Exp 03-06-27



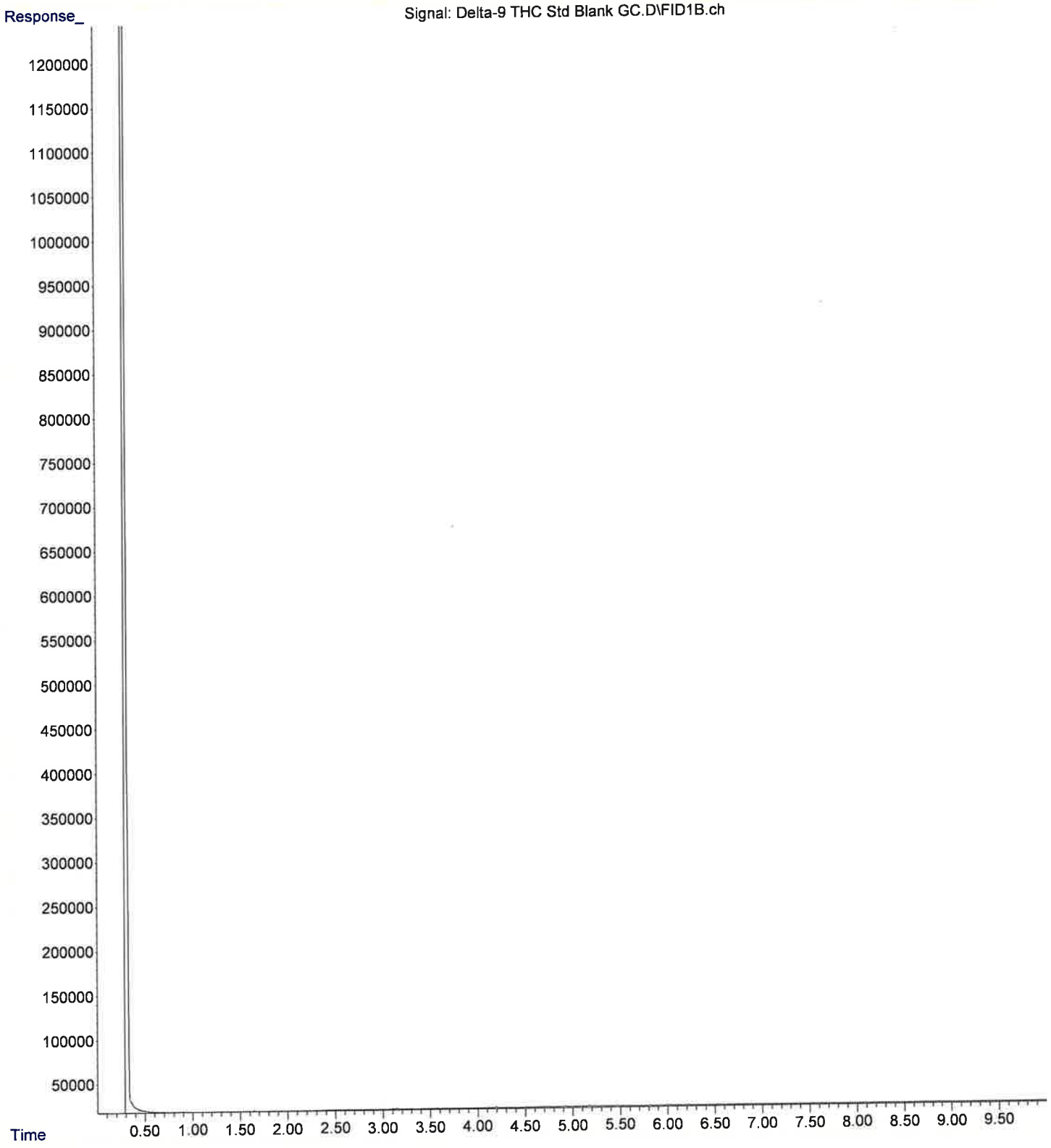
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Operator : RH
Instrument : Quincy
Acquired : 30 Mar 2026 22:10 using AcqMethod ASGC100.M
Sample Name: Alprazolam Std Blank GC
Misc Info : Meoh



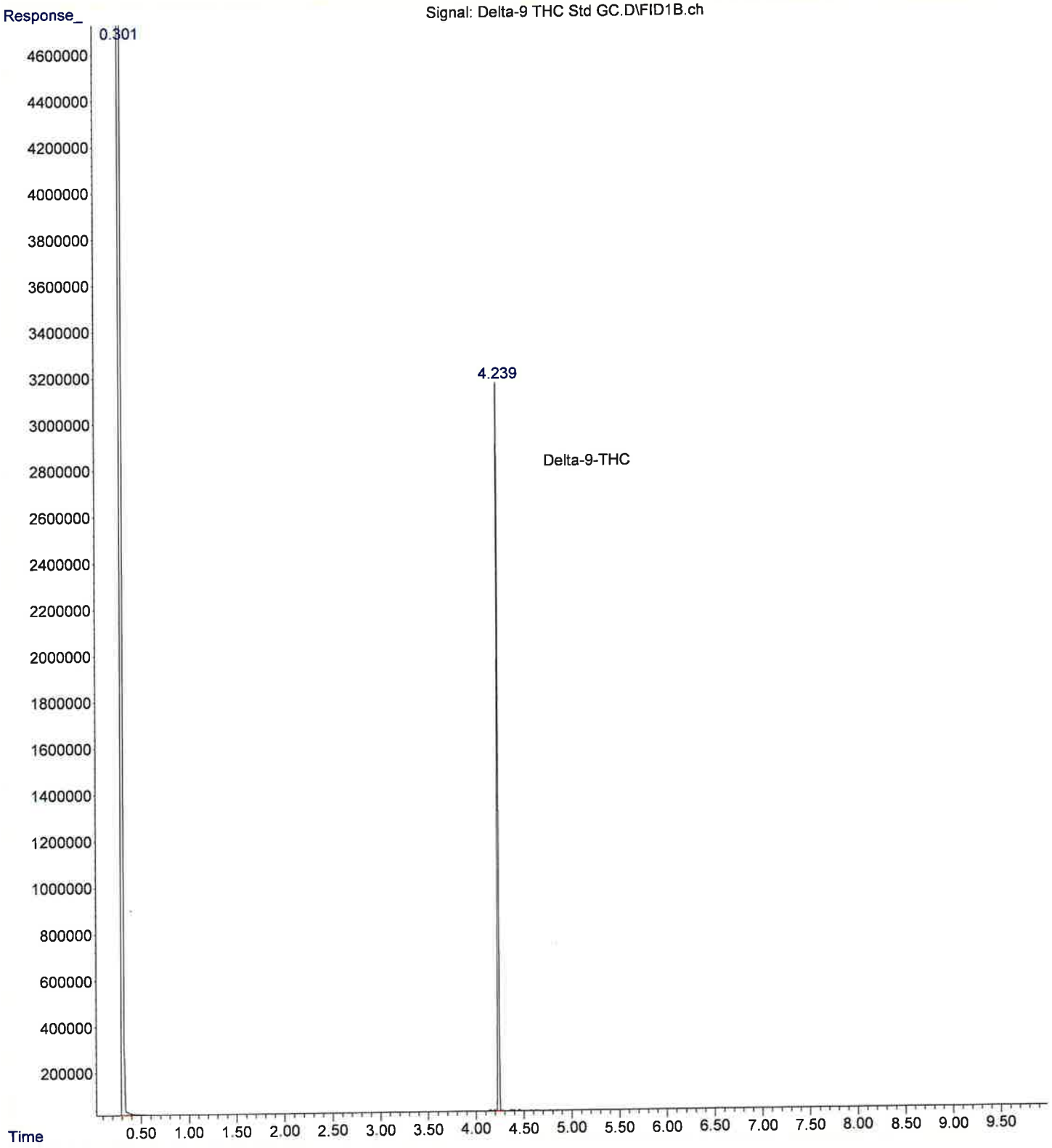
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Operator : RH
Instrument : Quincy
Acquired : 30 Mar 2026 22:23 using AcqMethod ASGC100.M
Sample Name: Alprazolam Std GC
Misc Info : Meoh,Cerilliant,LotFE050032221,Exp01-31-28



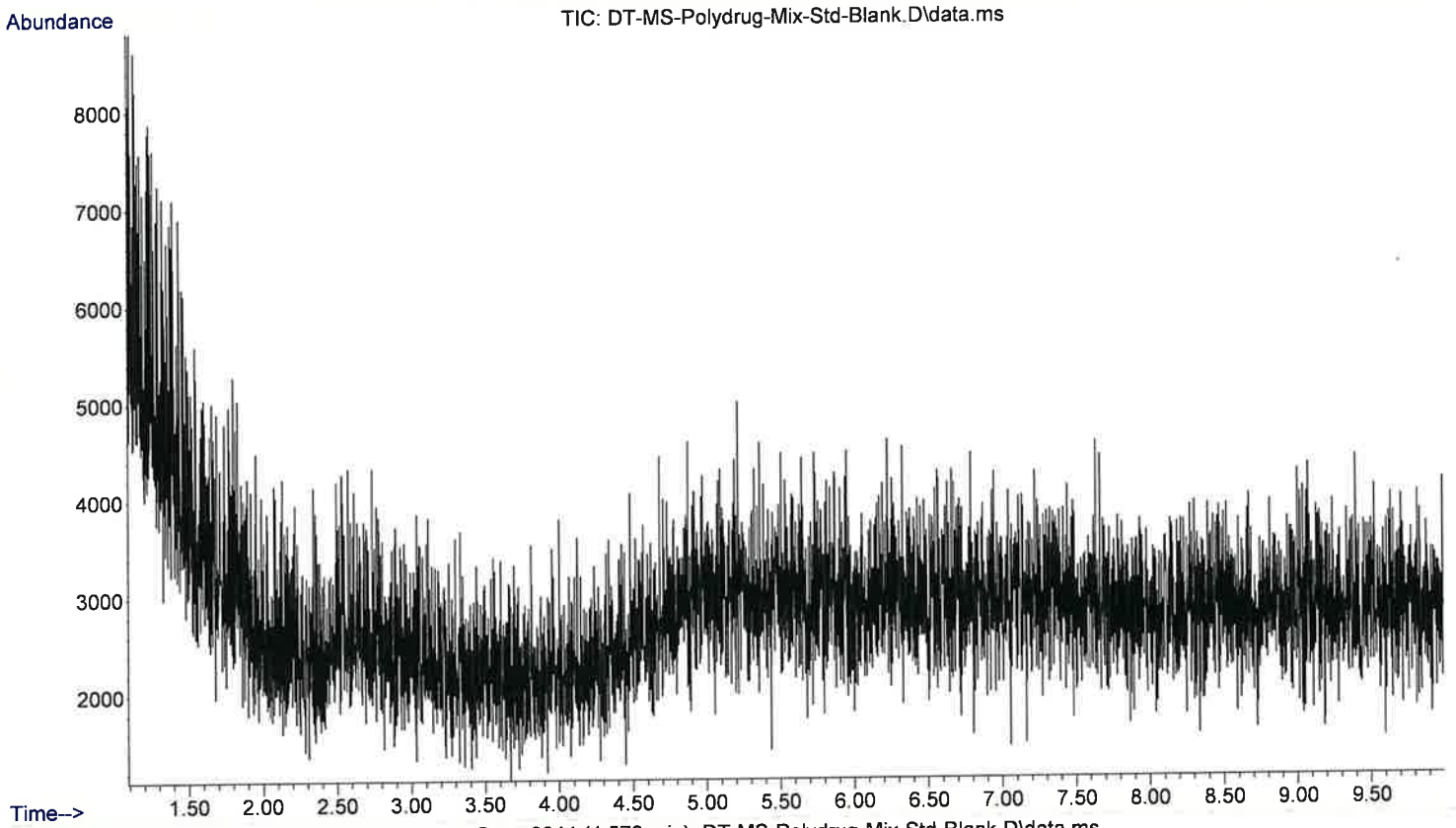
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Instrument : Quincy
Acquired : 30 Mar 2026 22:48 using AcqMethod ASGC100.M
Sample Name: Delta-9 THC Std Blank GC
Misc Info : Meoh

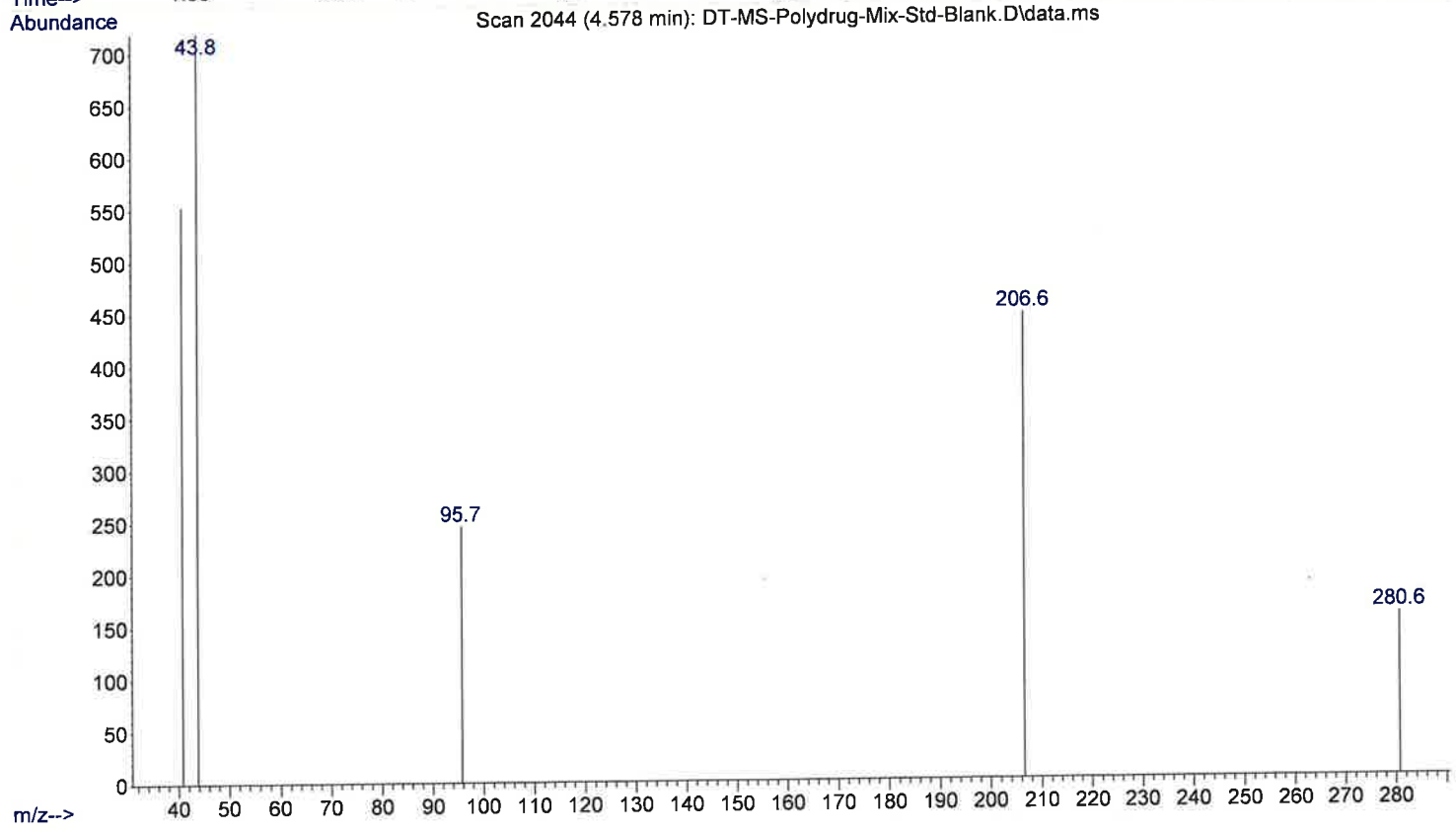


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Operator : RH
Instrument : Quincy
Acquired : 30 Mar 2026 23:01 using AcqMethod ASGC100.M
Sample Name: Delta-9 THC Std GC
Misc Info : Meoh,Cerilliant,LotFE06212201,Exp10-31-27

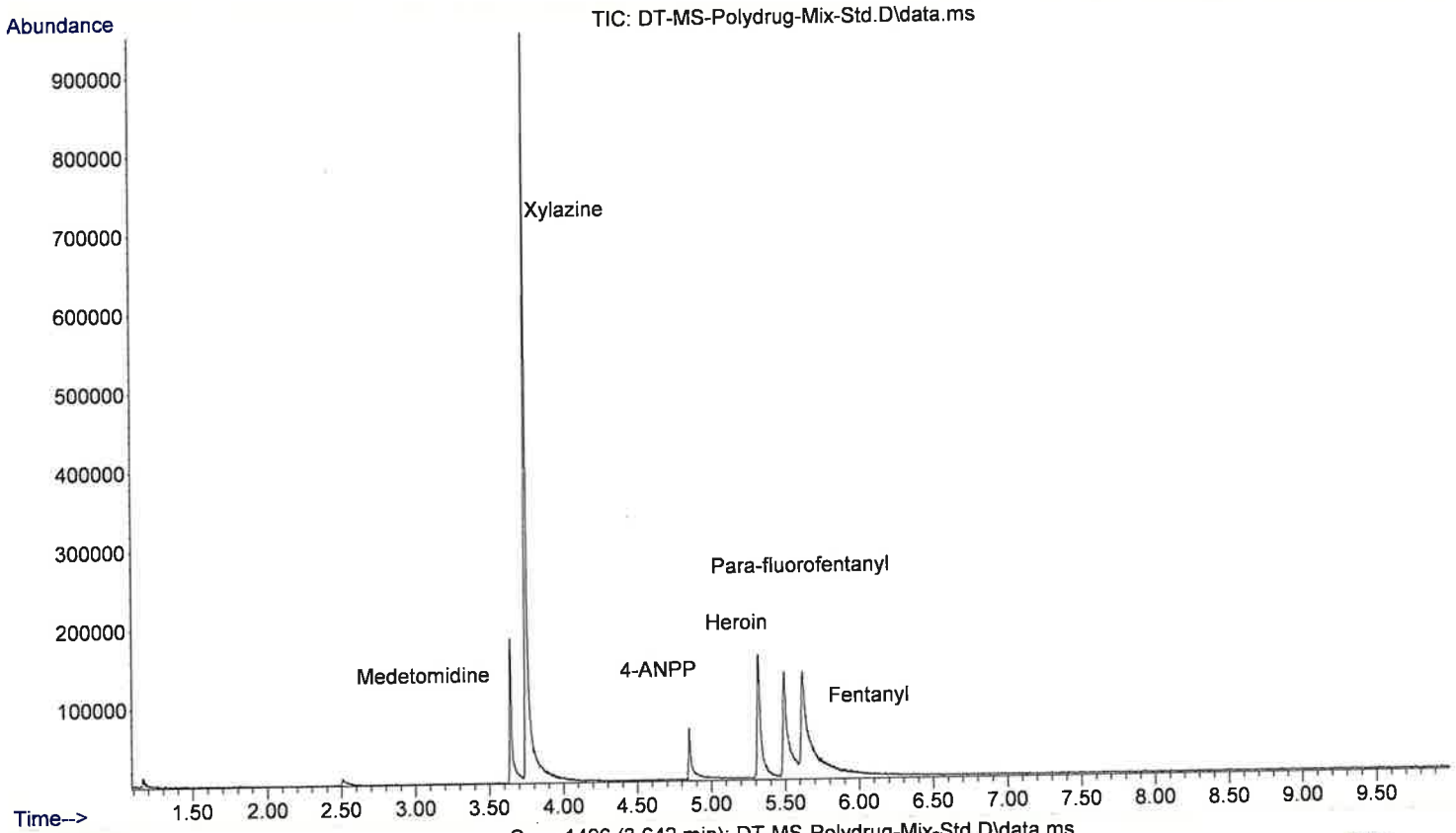


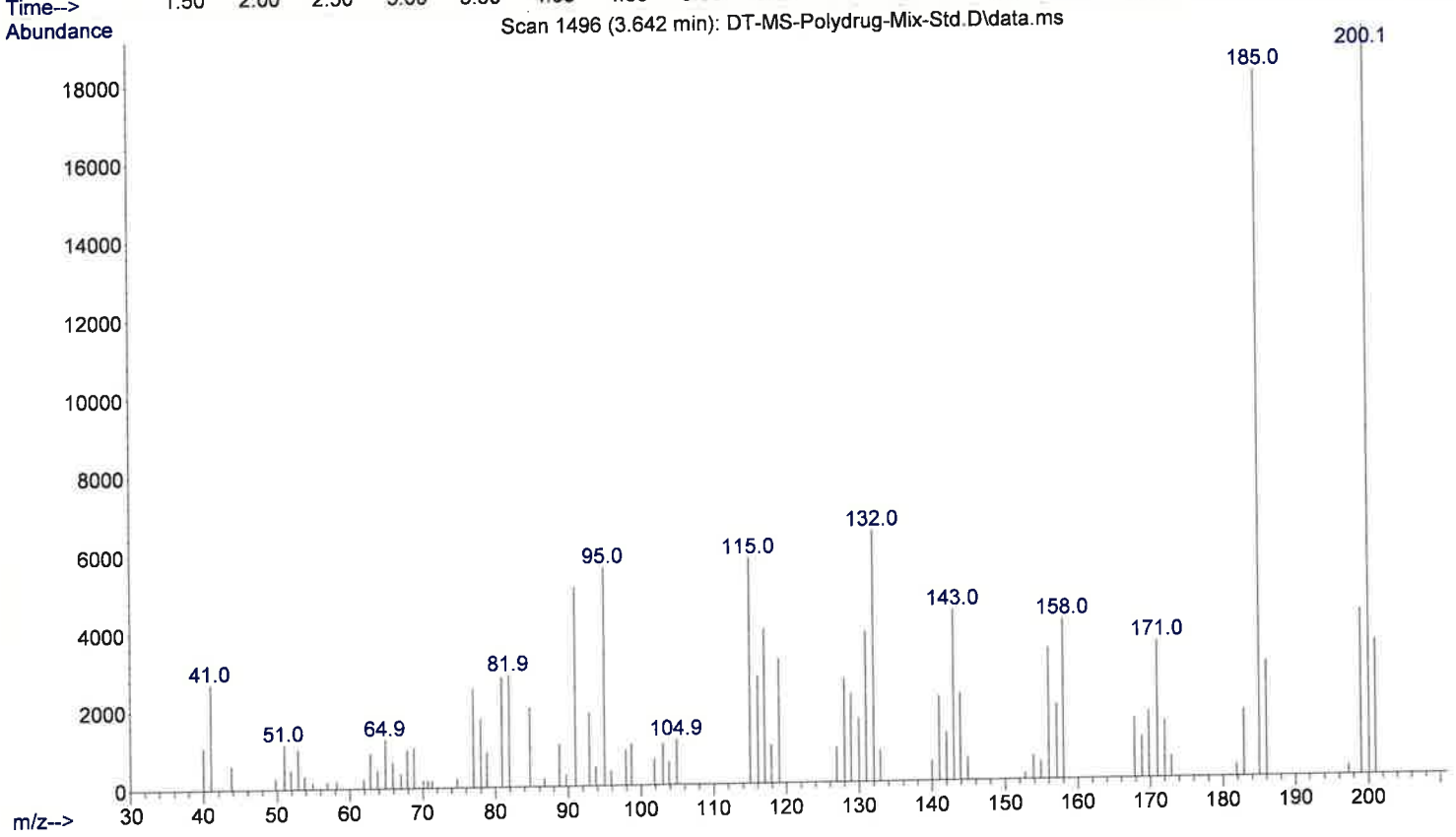
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 01:51 using AcqMethod DTDRUGS100.M
Sample Name: Polydrug-Mix-Std-Blank
Misc Info : Acetonitrile



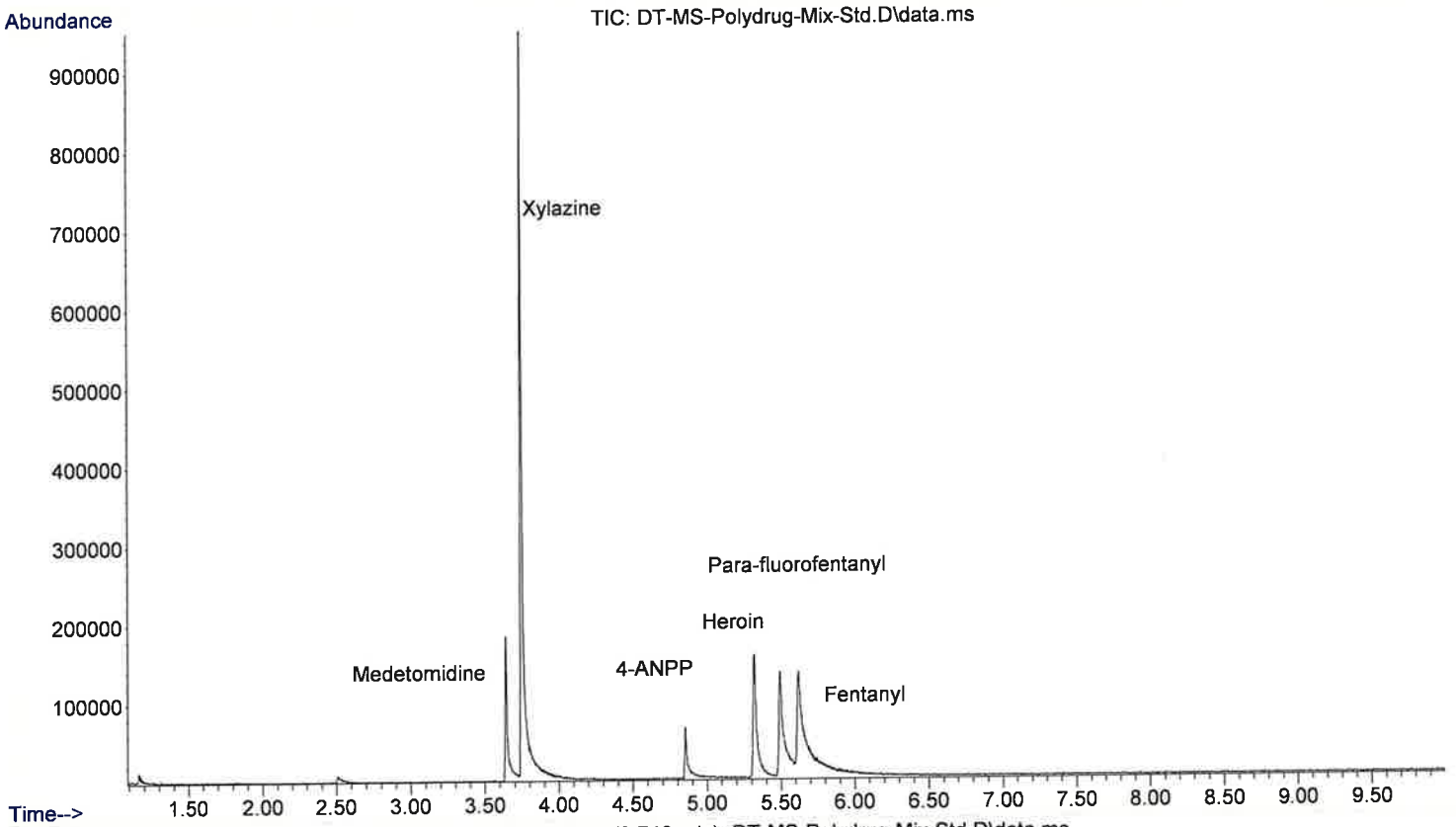


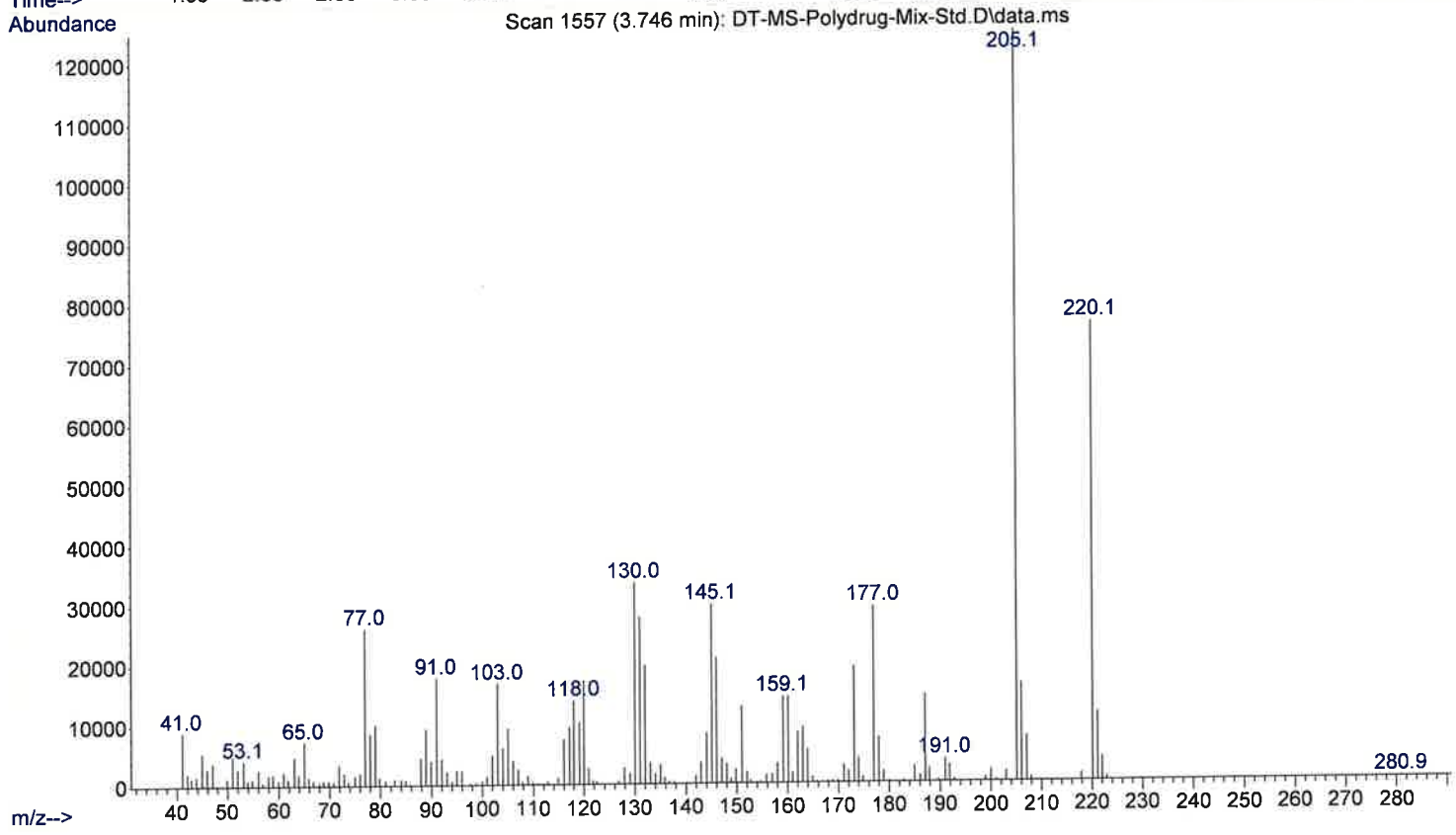
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 02:05 using AcqMethod DTDRUGS100.M
Sample Name: Polydrug-Mix-Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



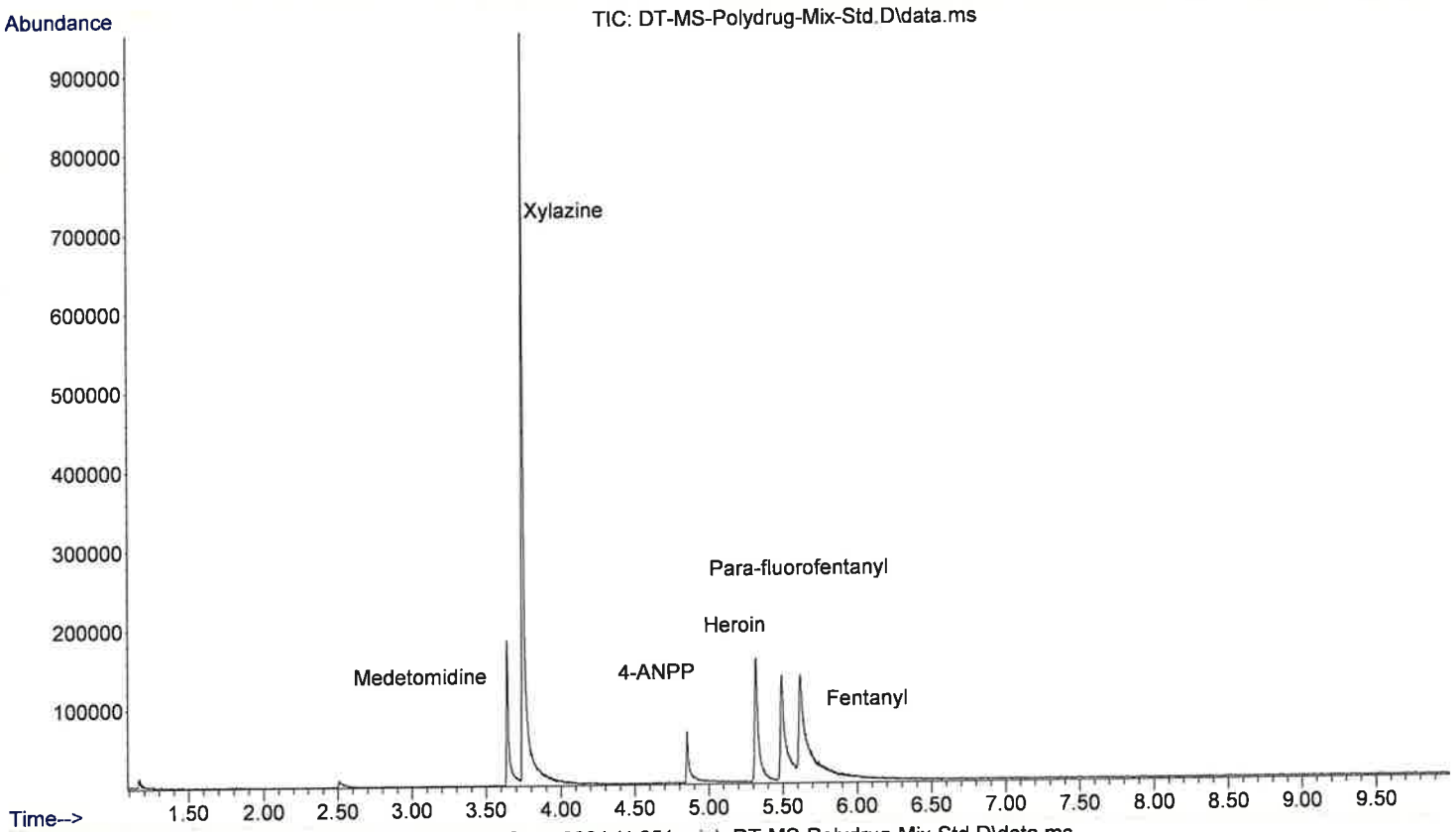


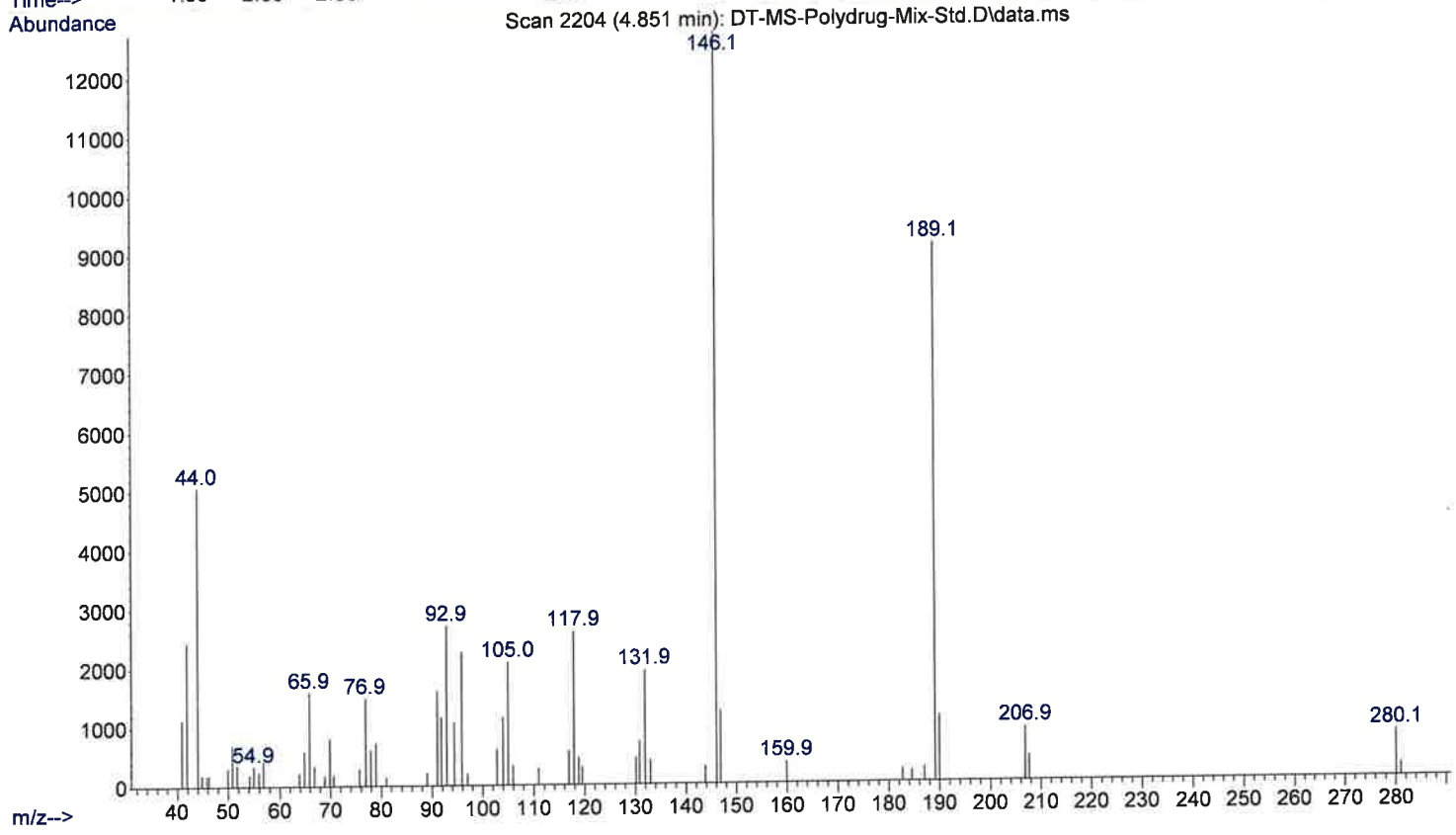
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Instrument : Quincy
Acquired : 31 Mar 2026 02:05 using AcqMethod DTDRUGS100.M
Sample Name: Polydrug-Mix-Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



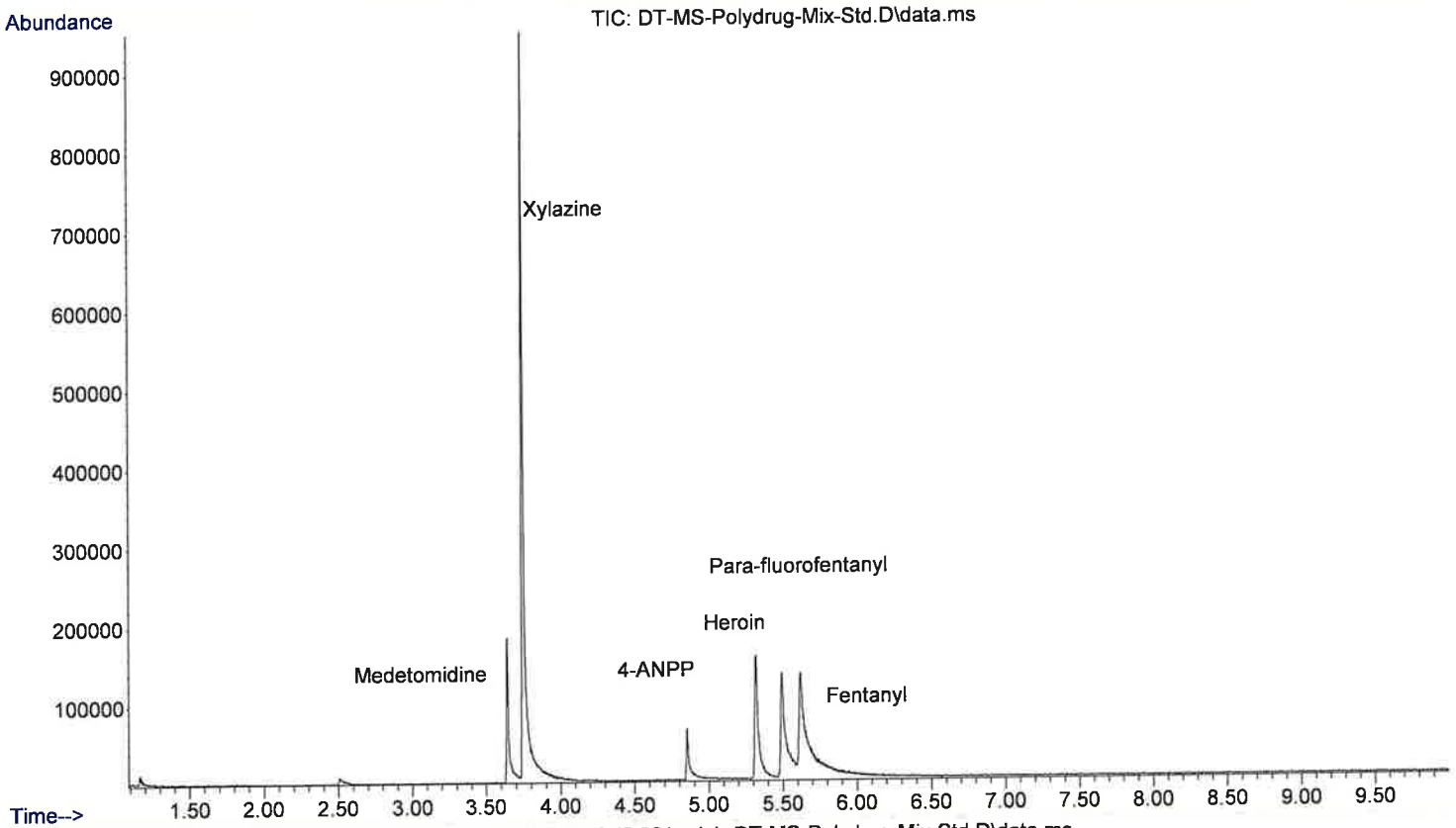


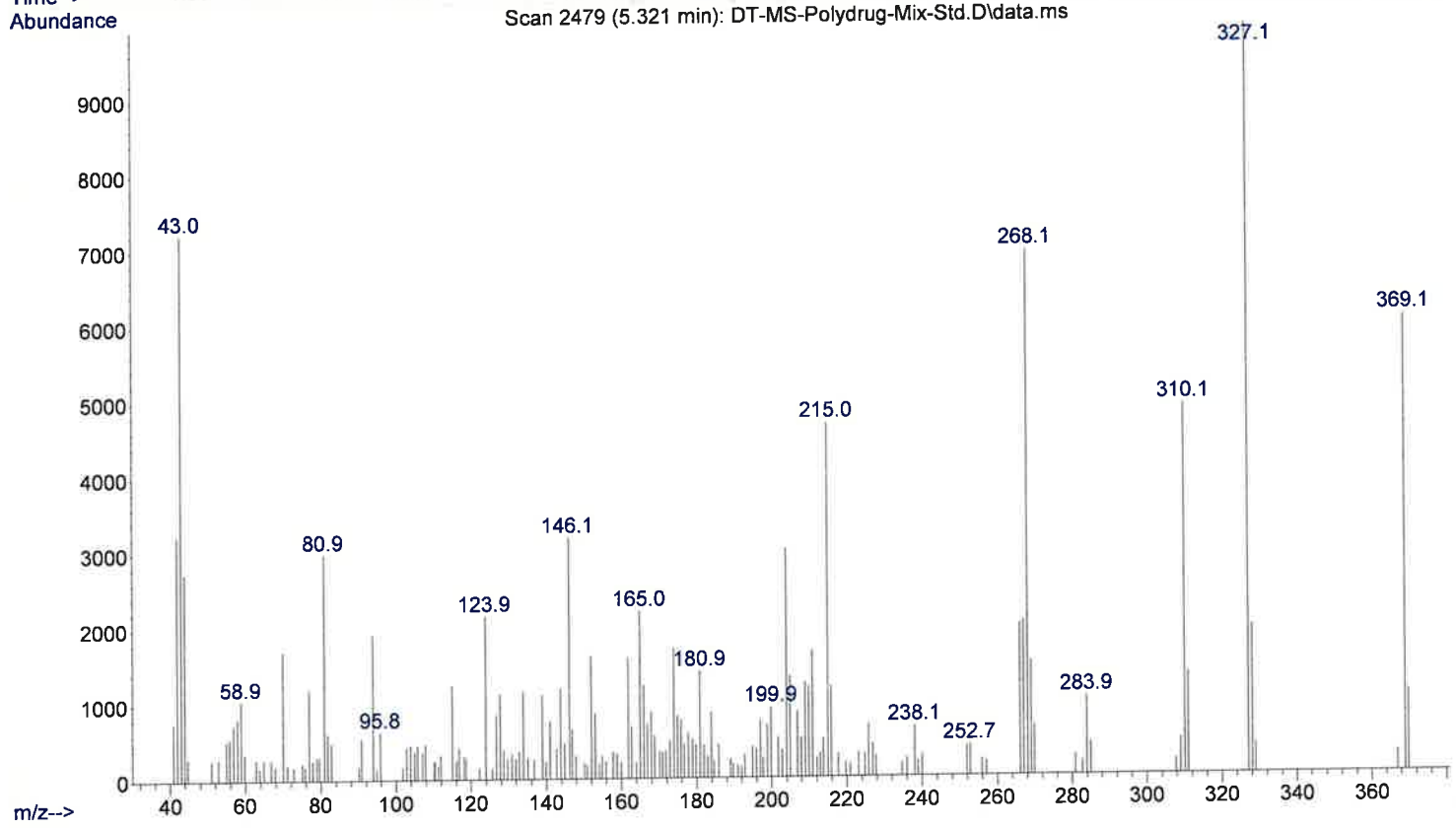
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Instrument : Quincy
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Sample Name: Polydrug-Mix-Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



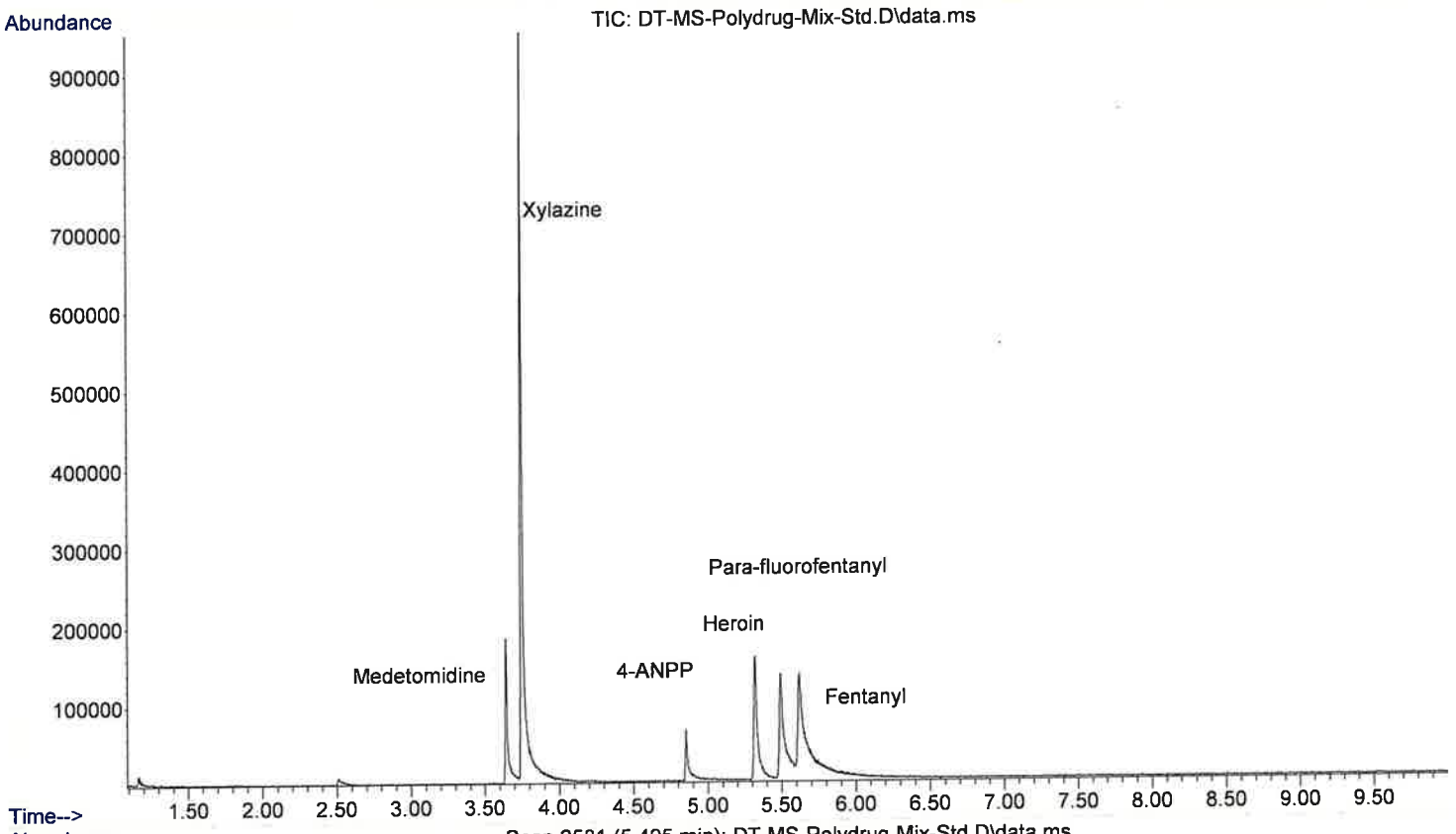


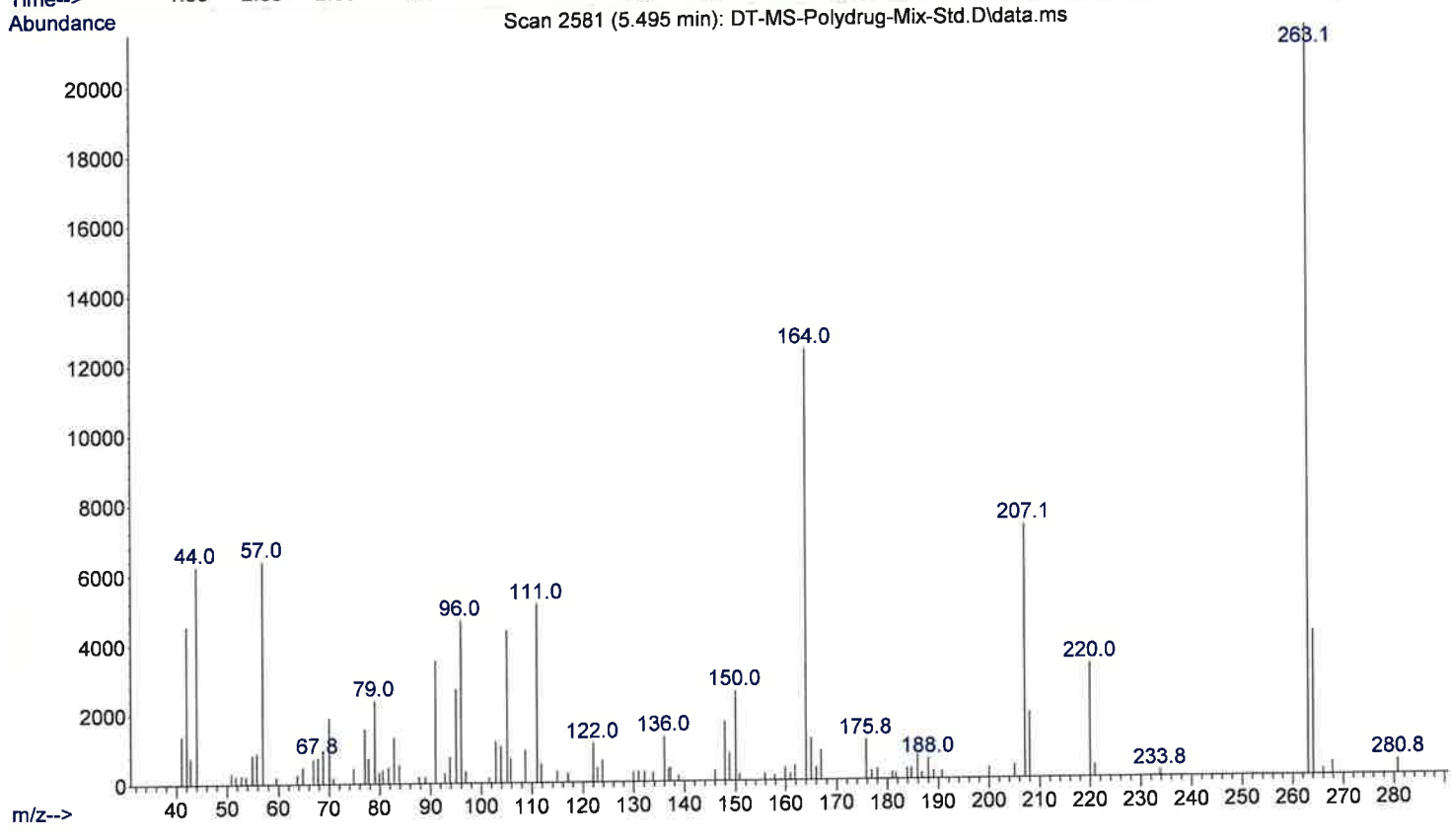
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Operator : RH
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Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



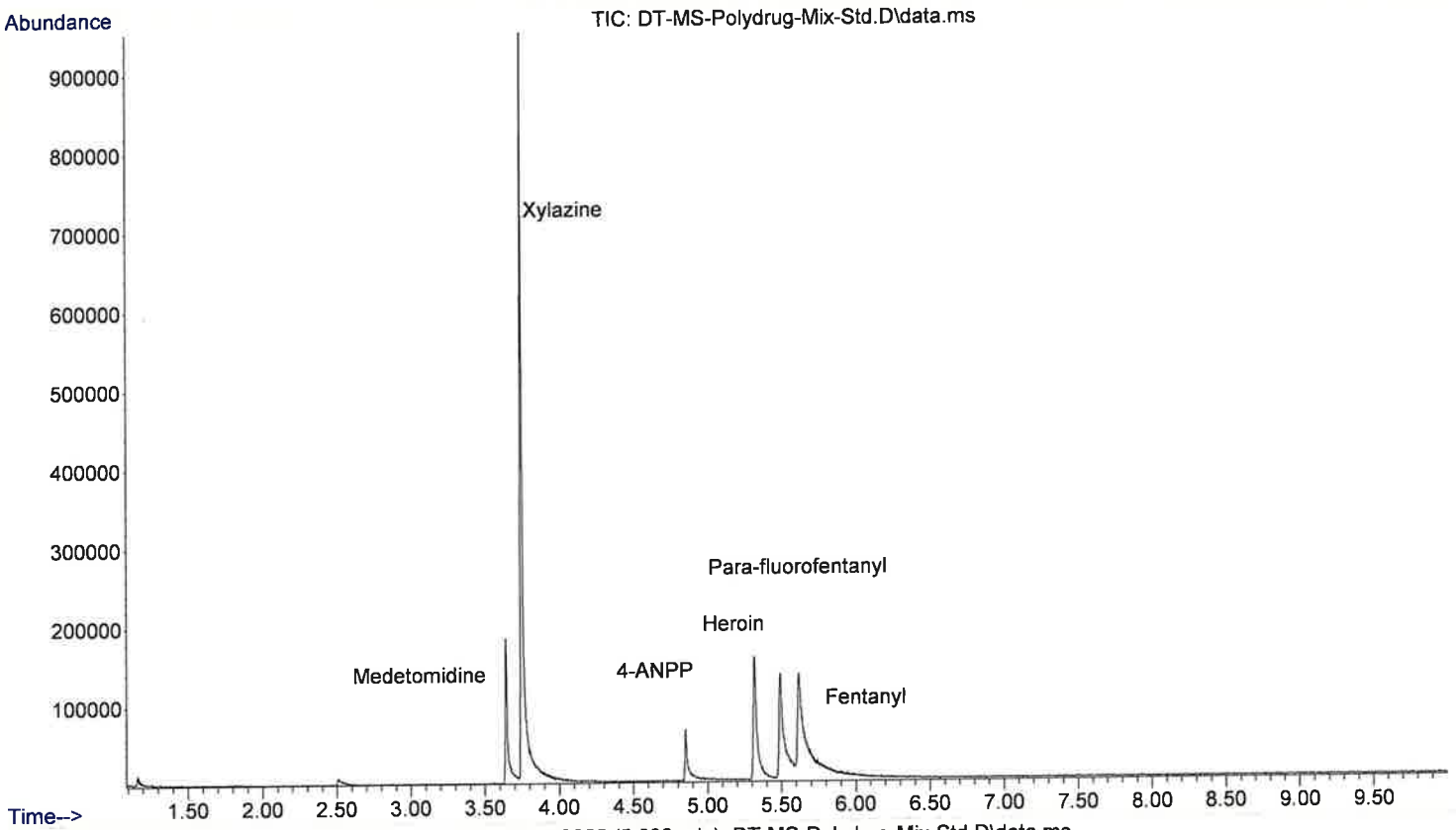


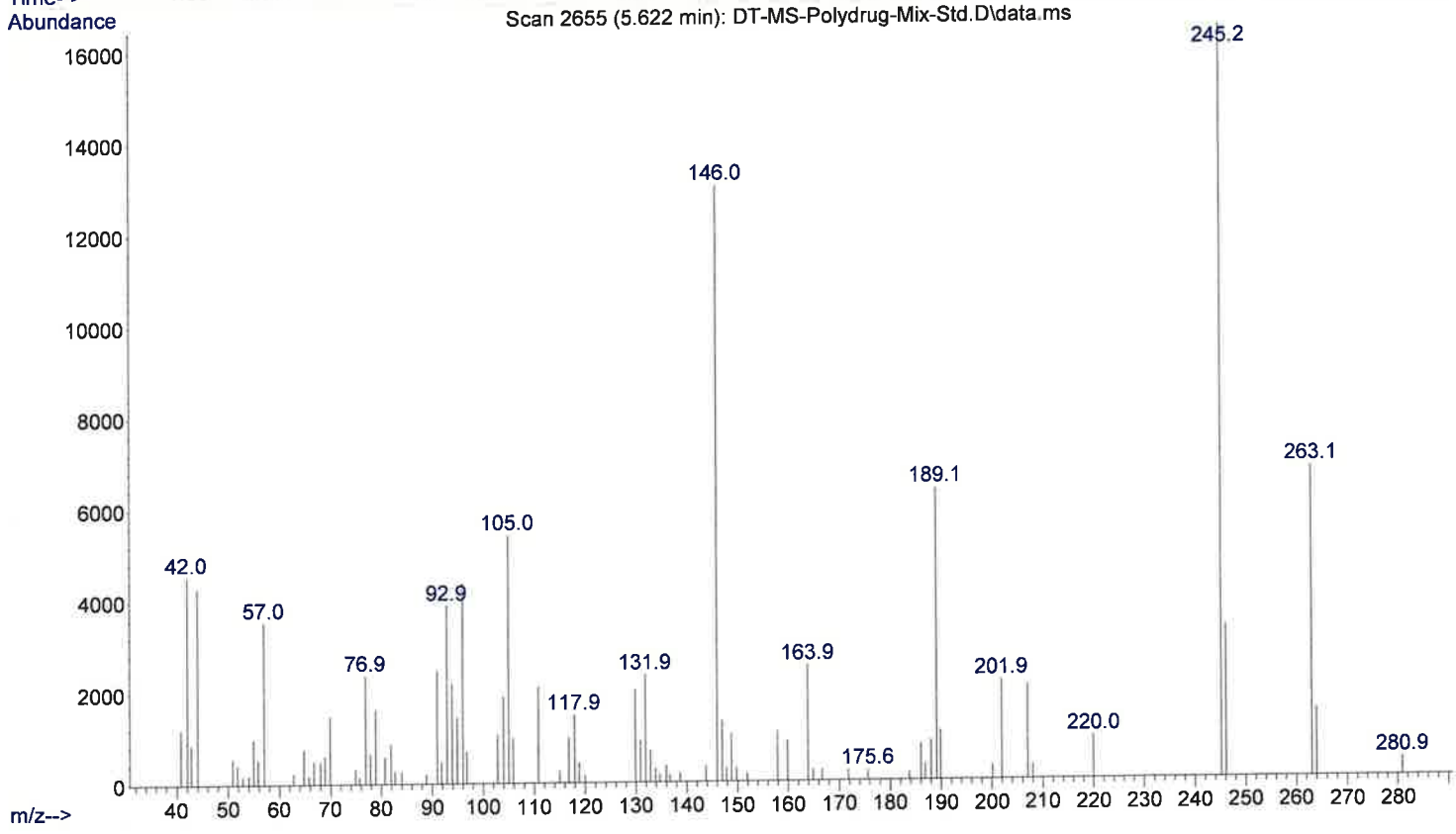
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Sample Name: Polydrug-Mix-Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



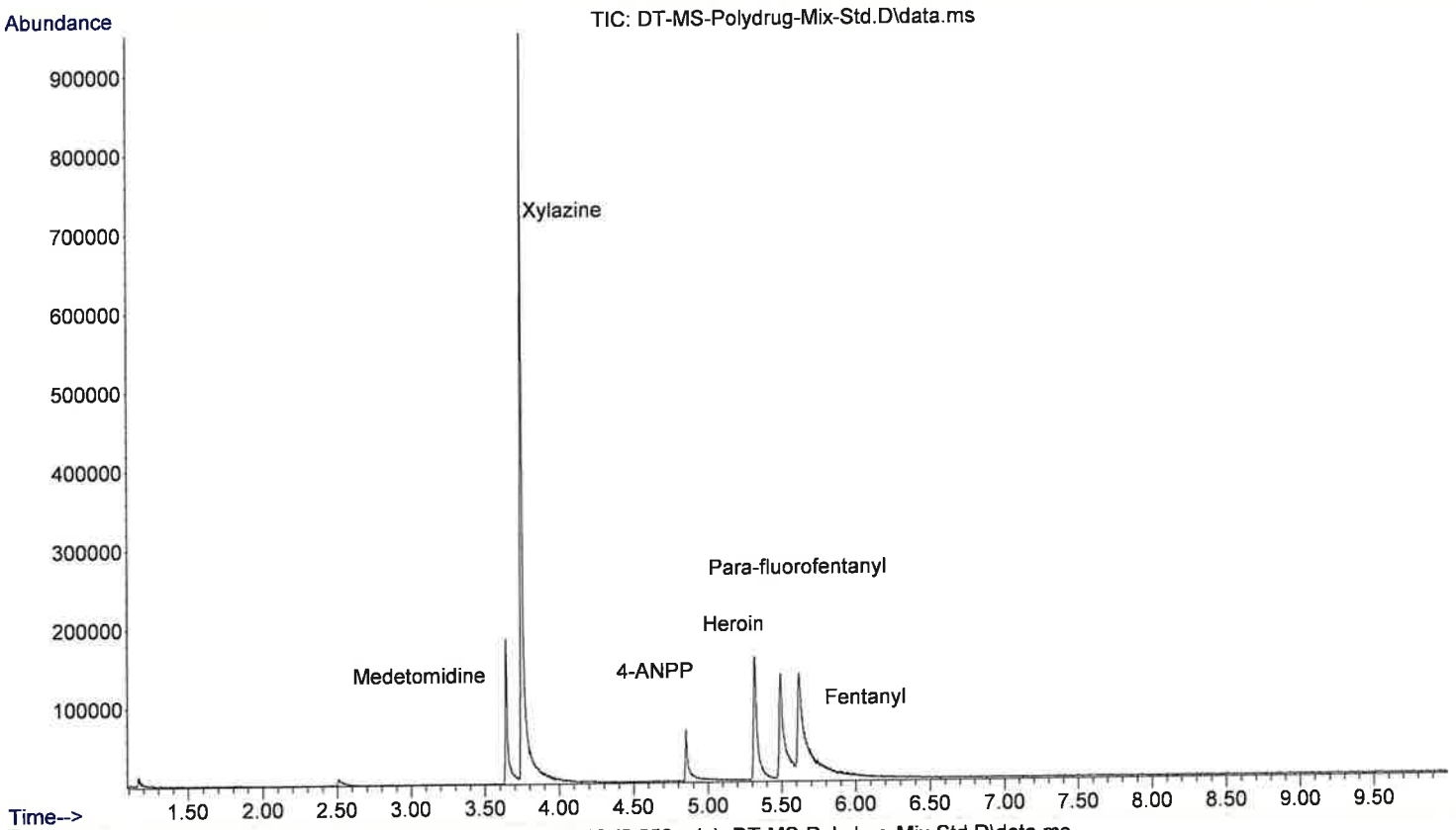


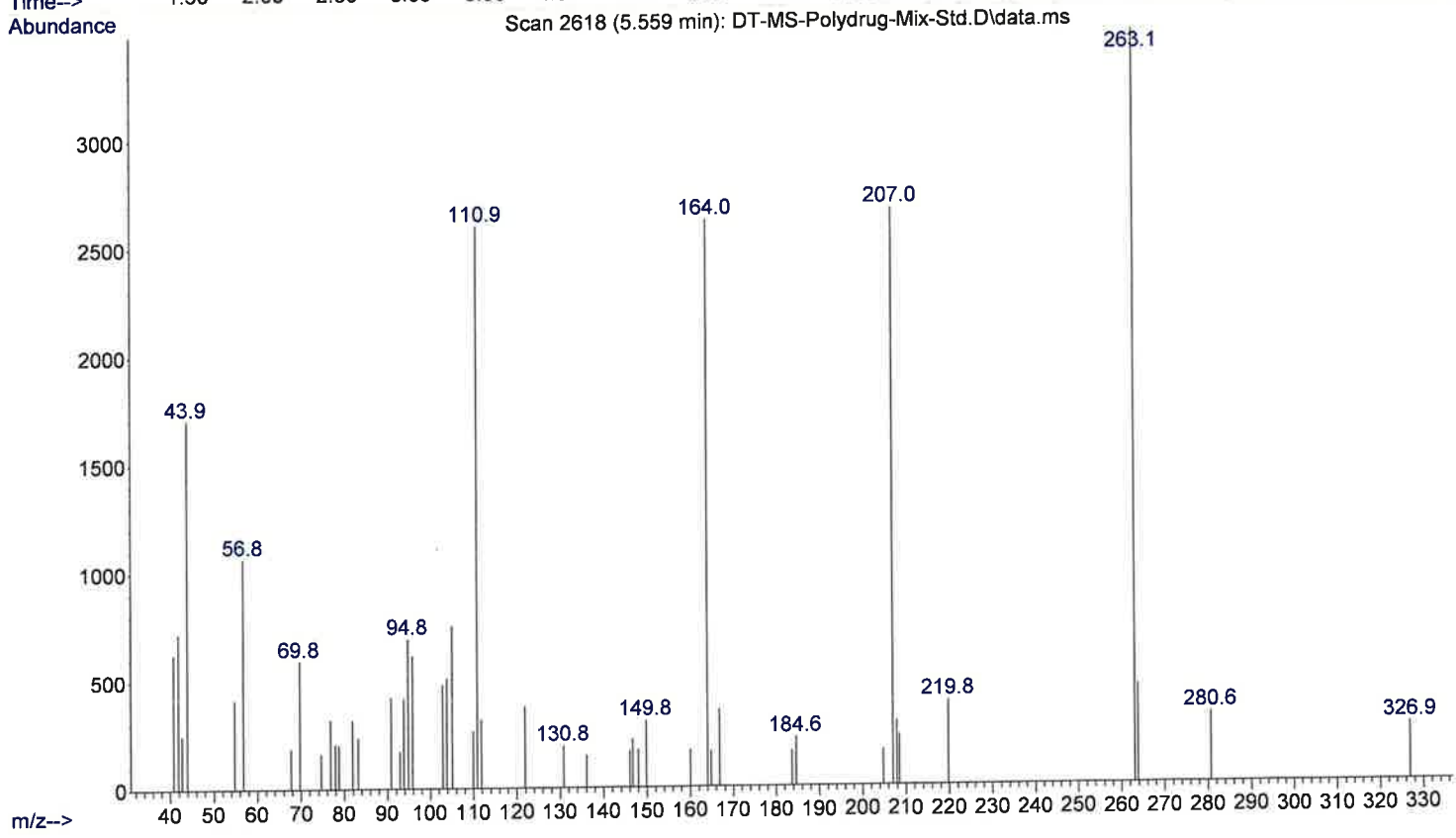
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 02:05 using AcqMethod DTDRUGS100.M
Sample Name: Polydrug-Mix-Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



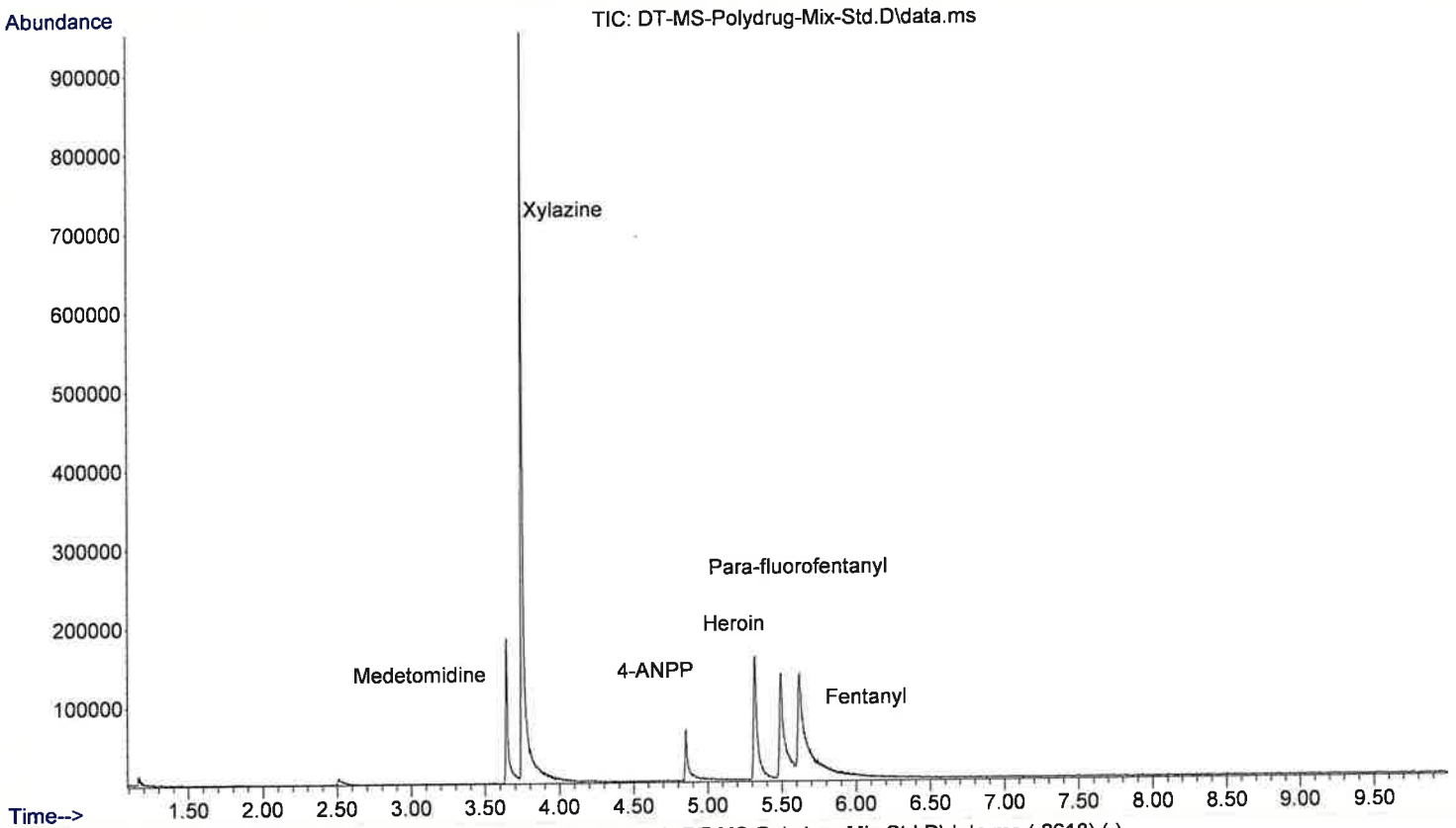


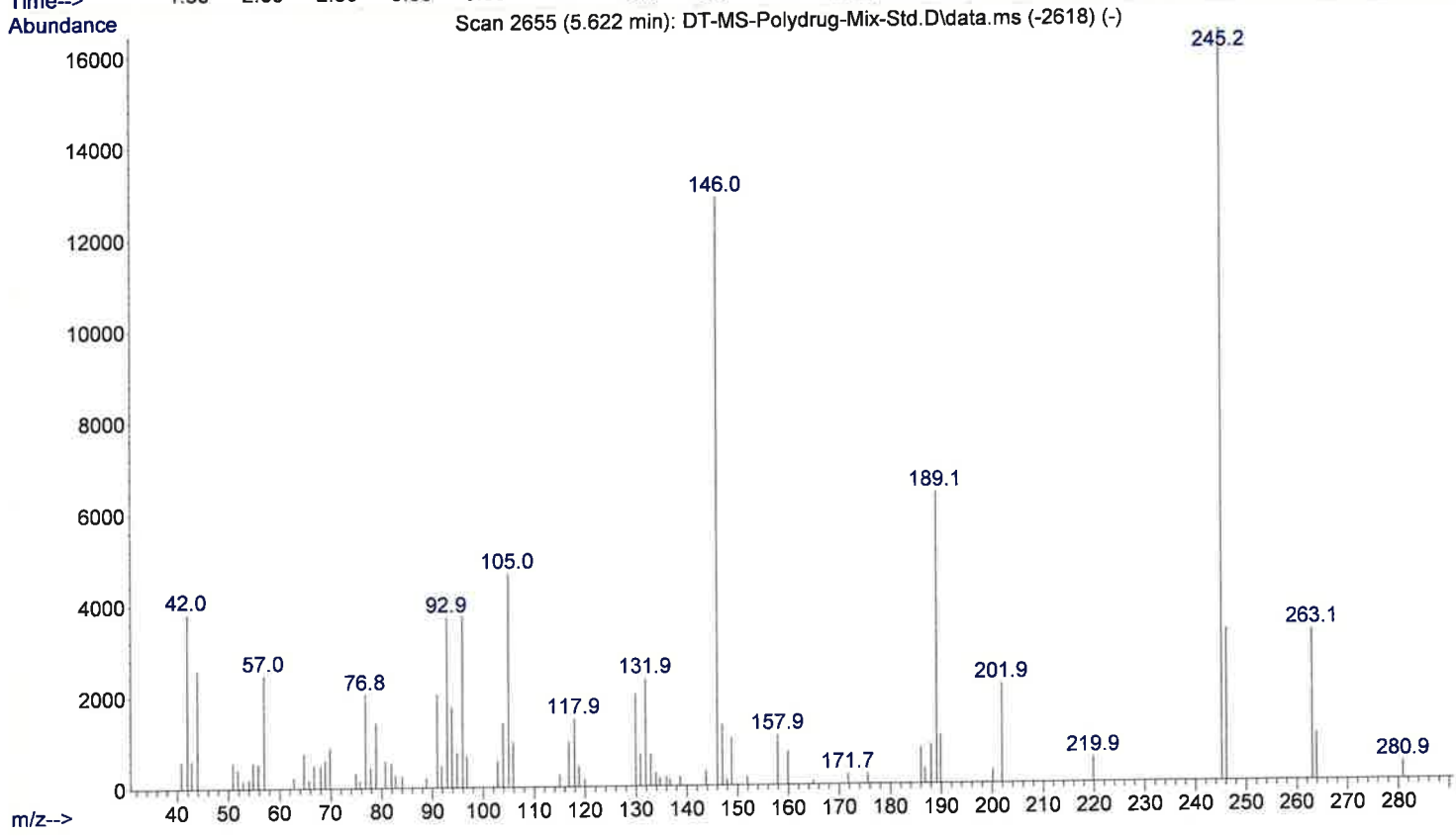
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 02:05 using AcqMethod DTDRUGS100.M
Sample Name: Polydrug-Mix-Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



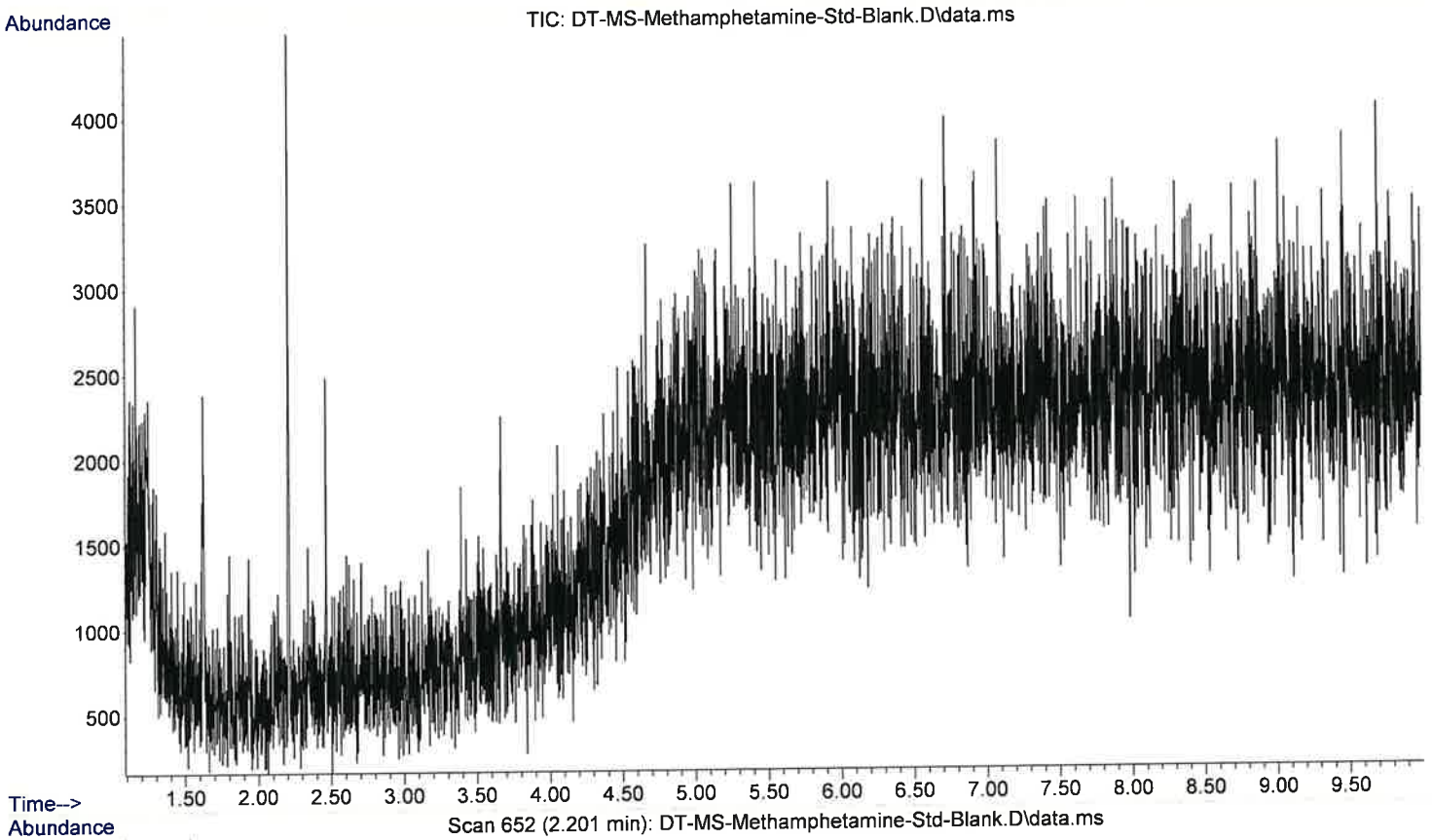


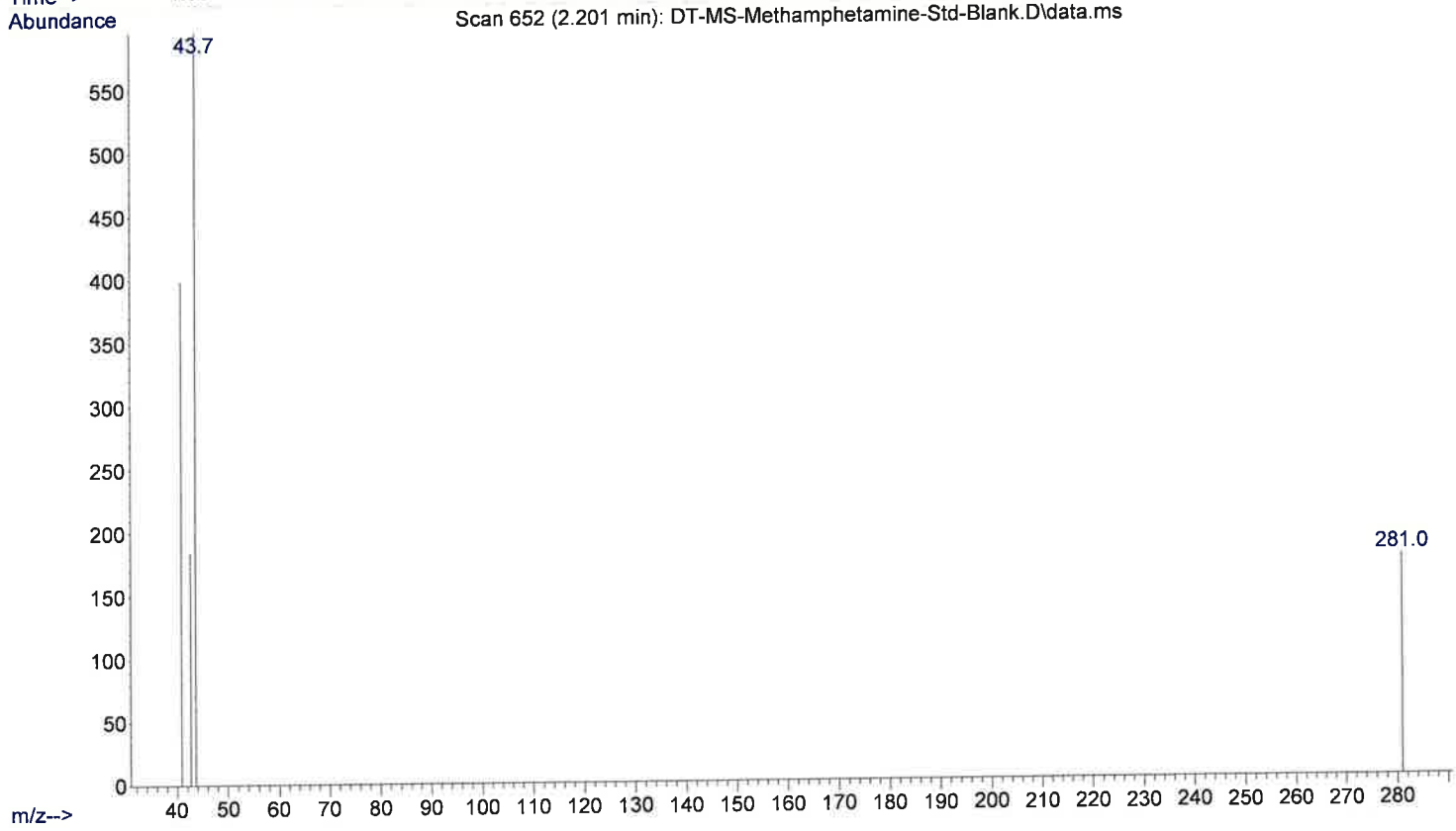
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Instrument : Quincy
Acquired : 31 Mar 2026 02:05 using AcqMethod DTDRUGS100.M
Sample Name: Polydrug-Mix-Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



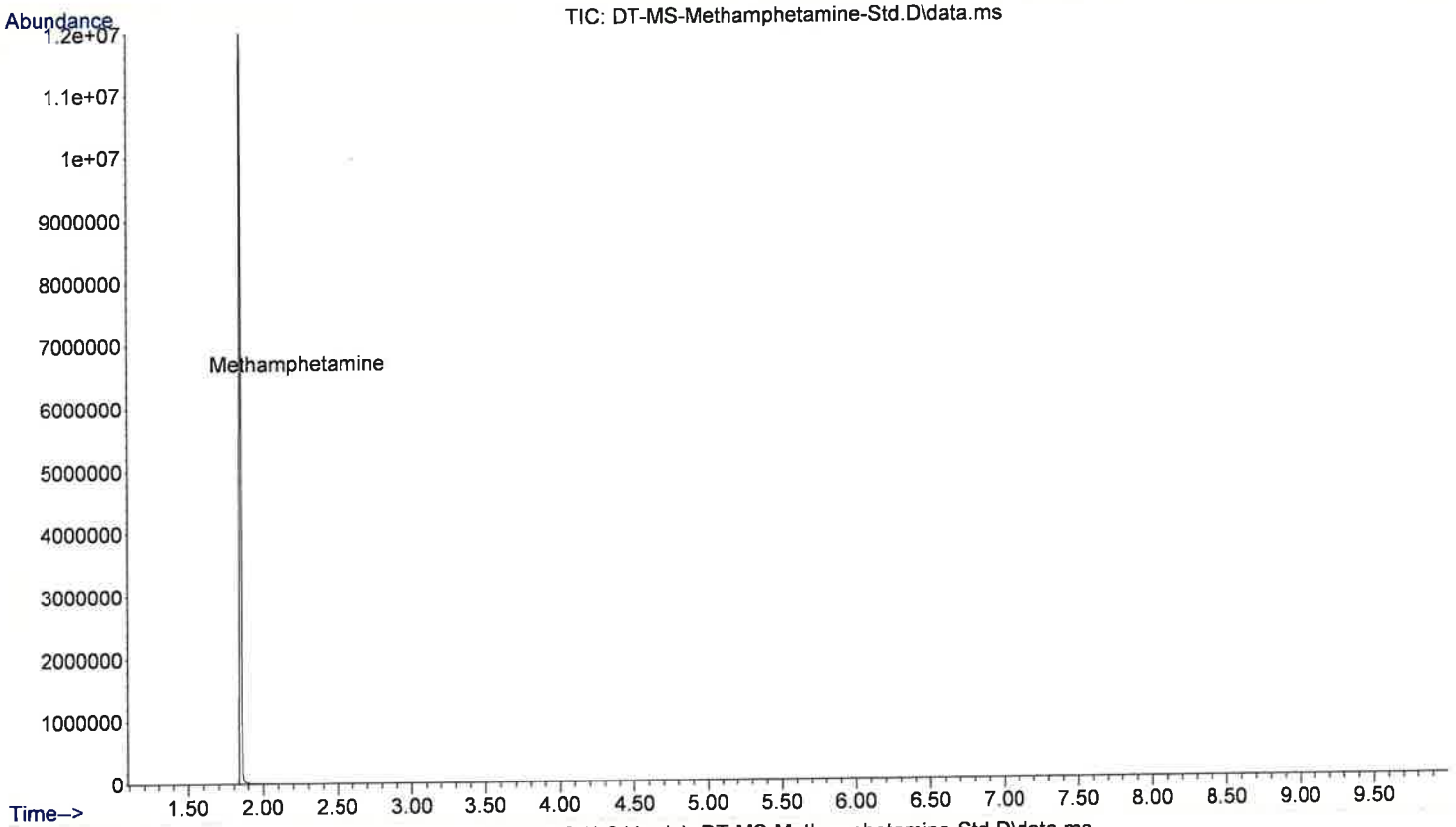


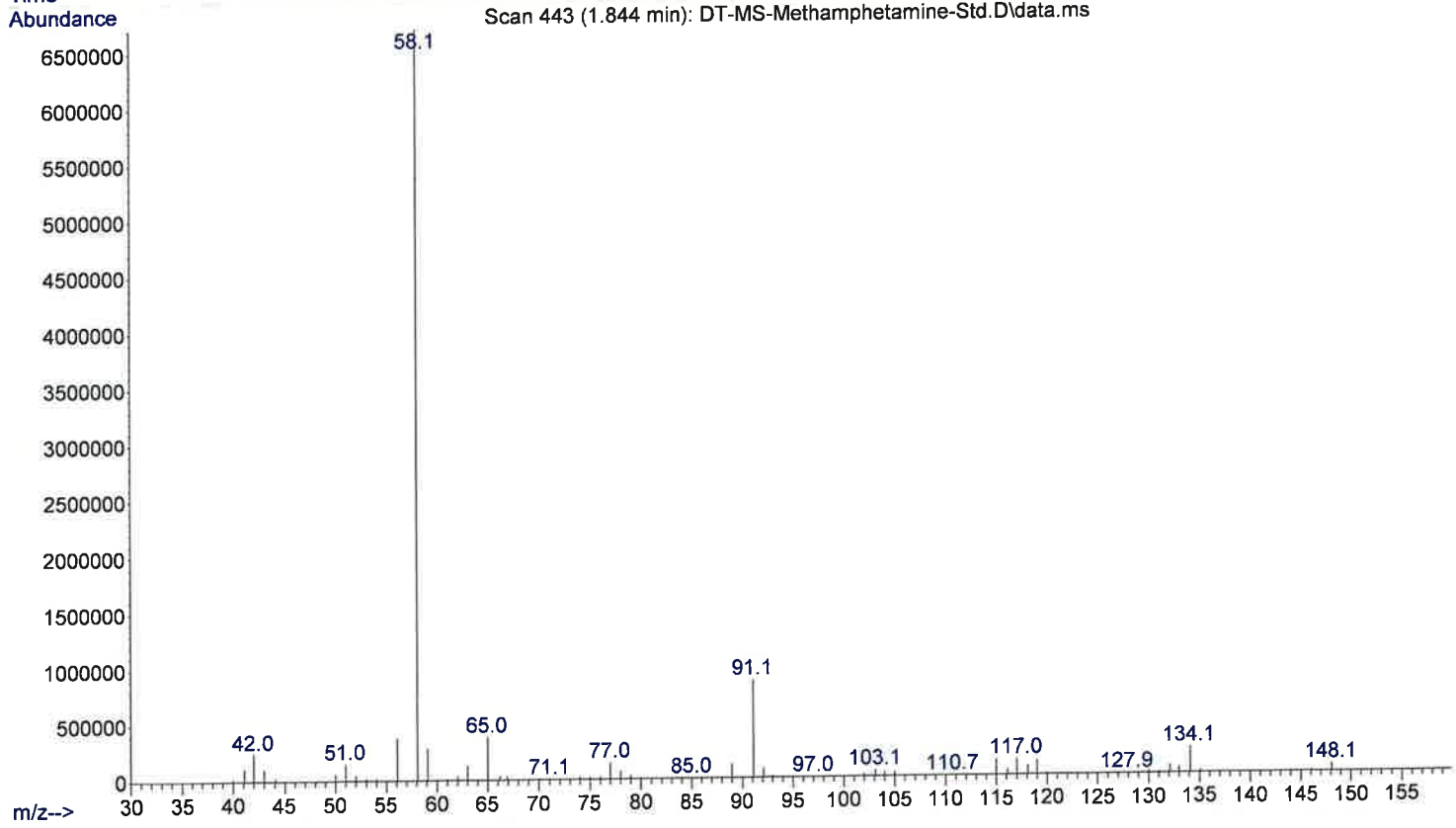
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 00:05 using AcqMethod DTDRUGS100.M
Sample Name: Methamphetamine Std Blank
Misc Info : Meoh



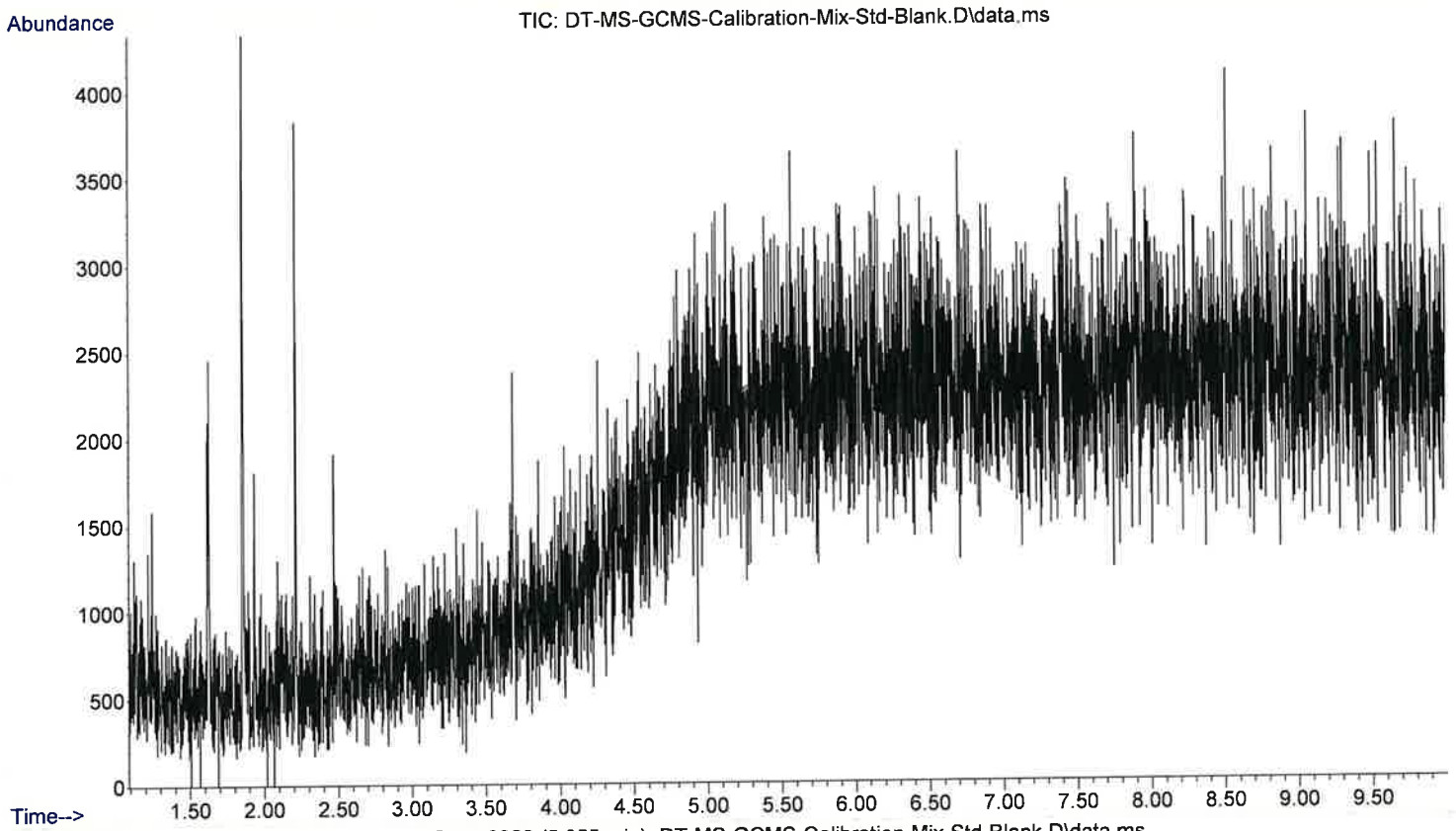


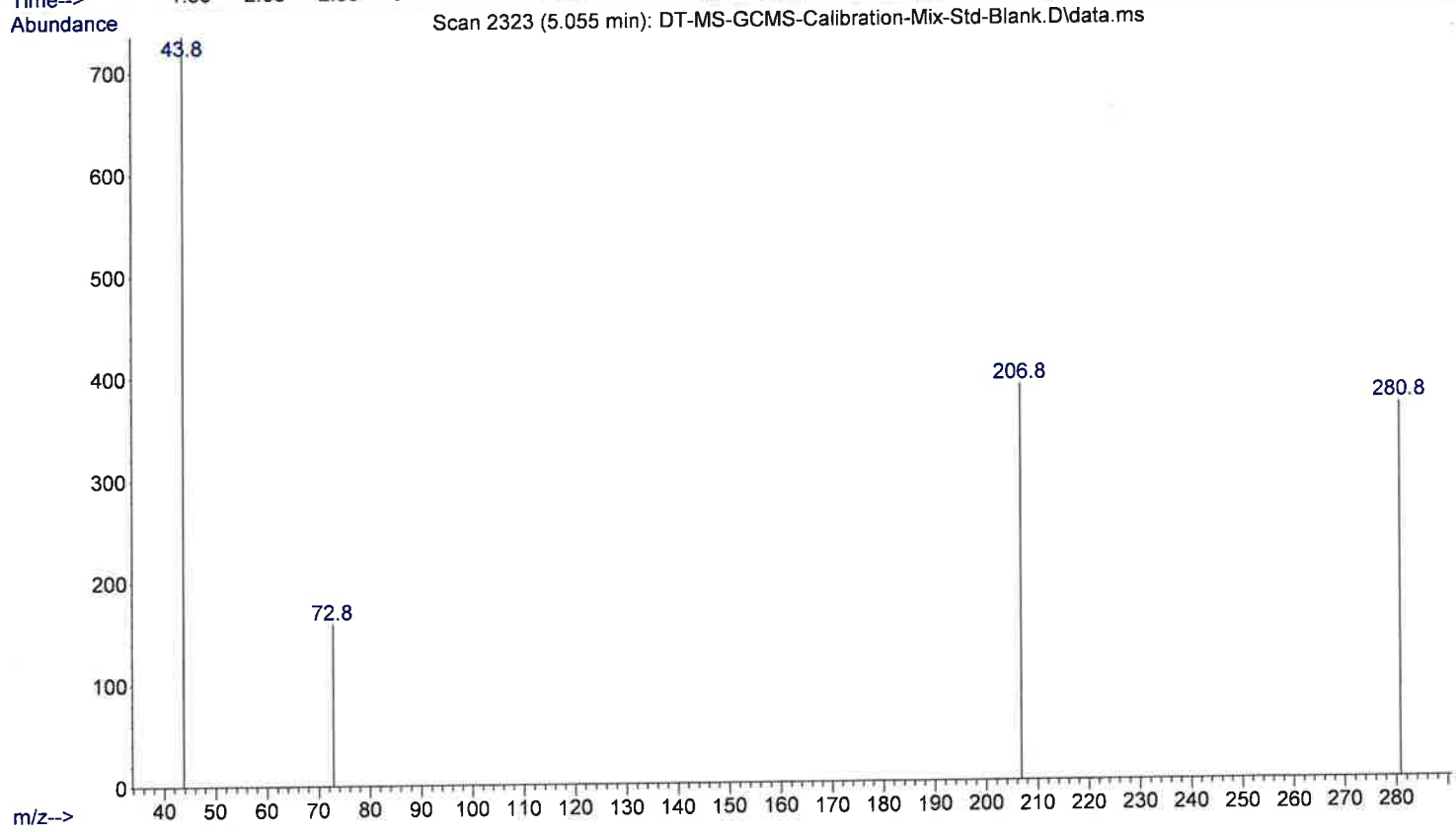
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 00:19 using AcqMethod DTDRUGS100.M
Sample Name: Methamphetamine Std
Misc Info : Meoh,Cerilliant,LotFE006022204,Exp12-31-27



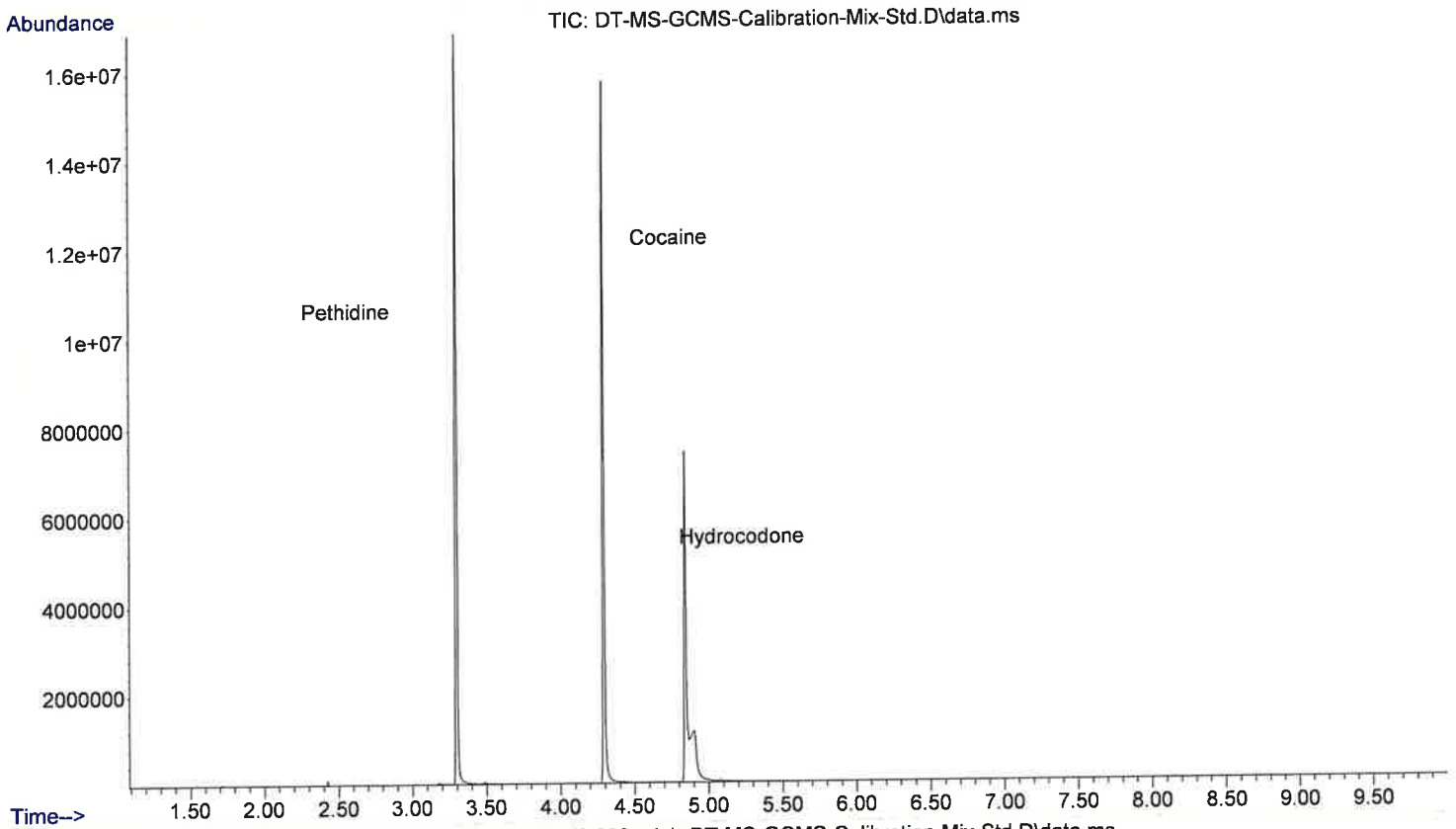


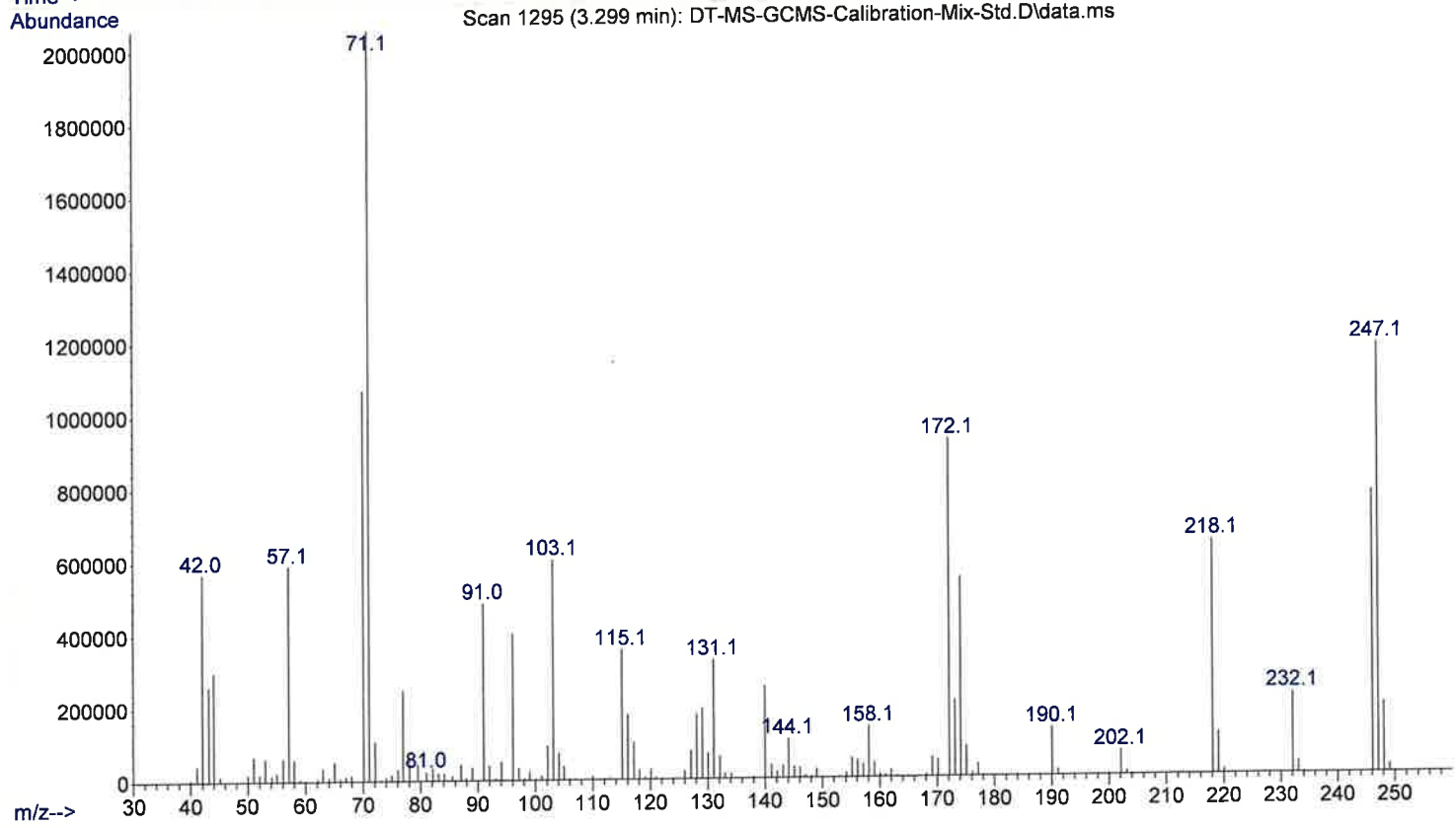
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 00:32 using AcqMethod DTDRUGS100.M
Sample Name: GCMS Calibration Mix Std Blank
Misc Info : Meoh



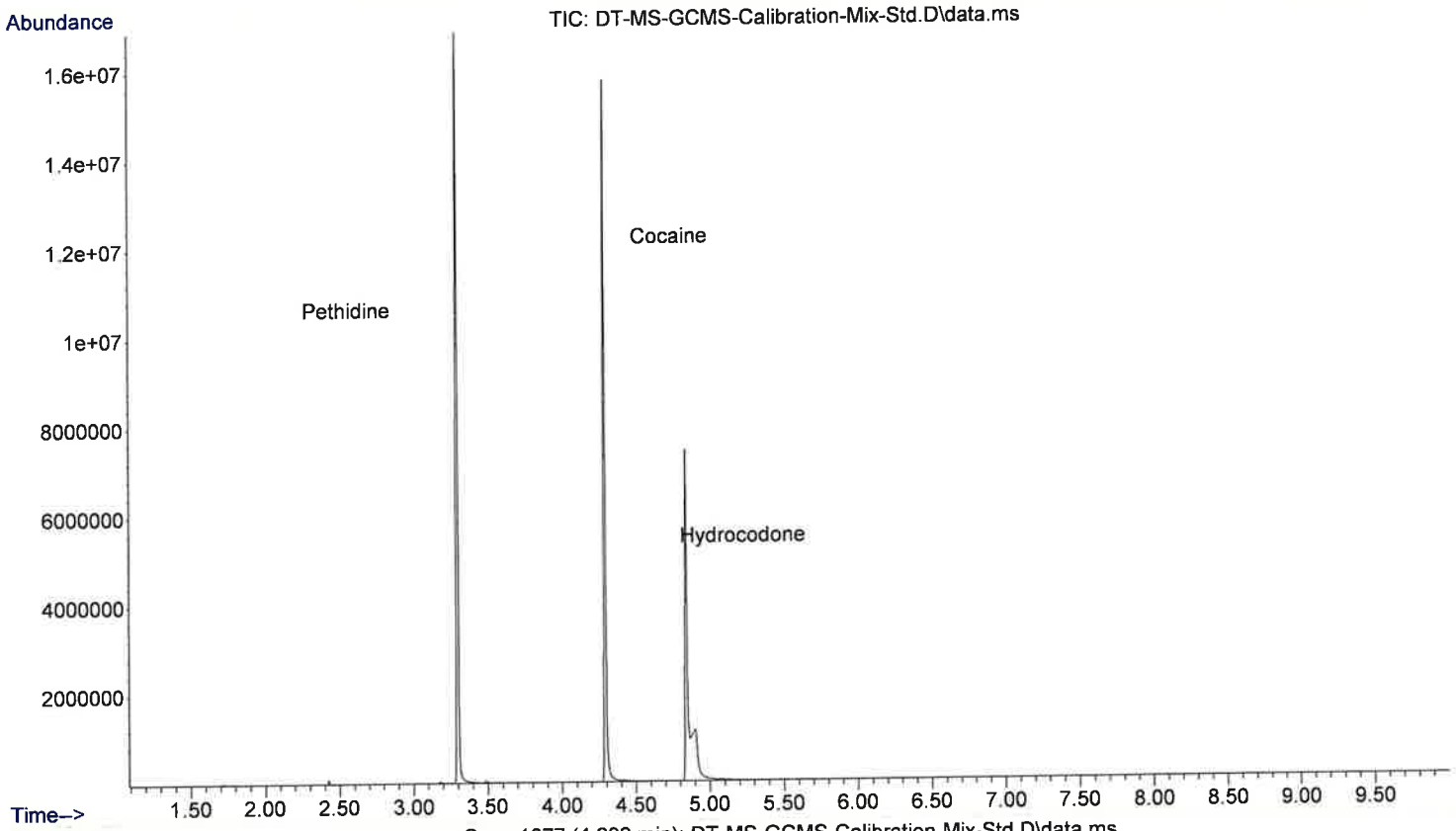


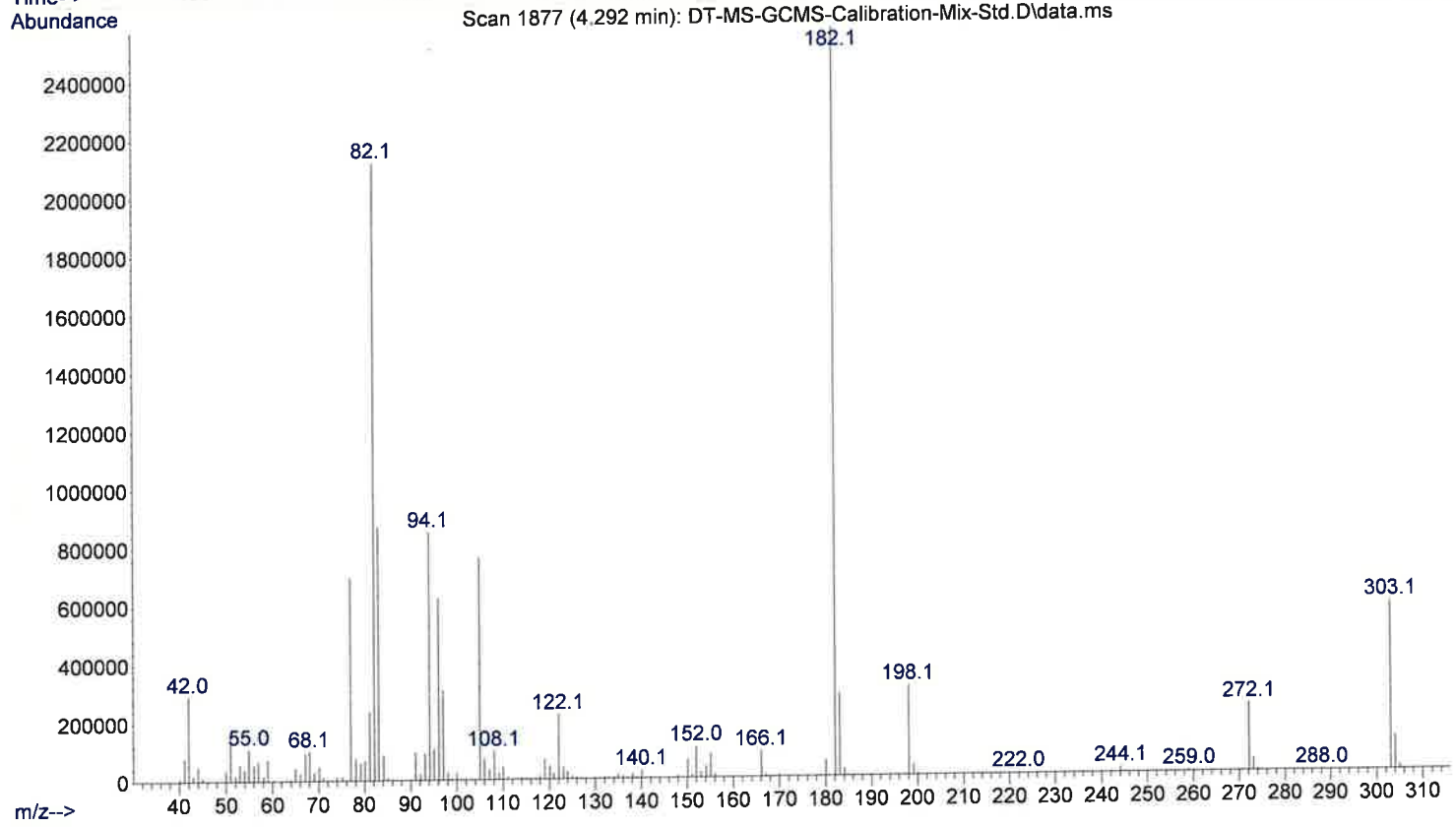
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 00:45 using AcqMethod DTDRUGS100.M
Sample Name: GCMS Calibration Mix Std
Misc Info : Meoh,Exp 03-06-27



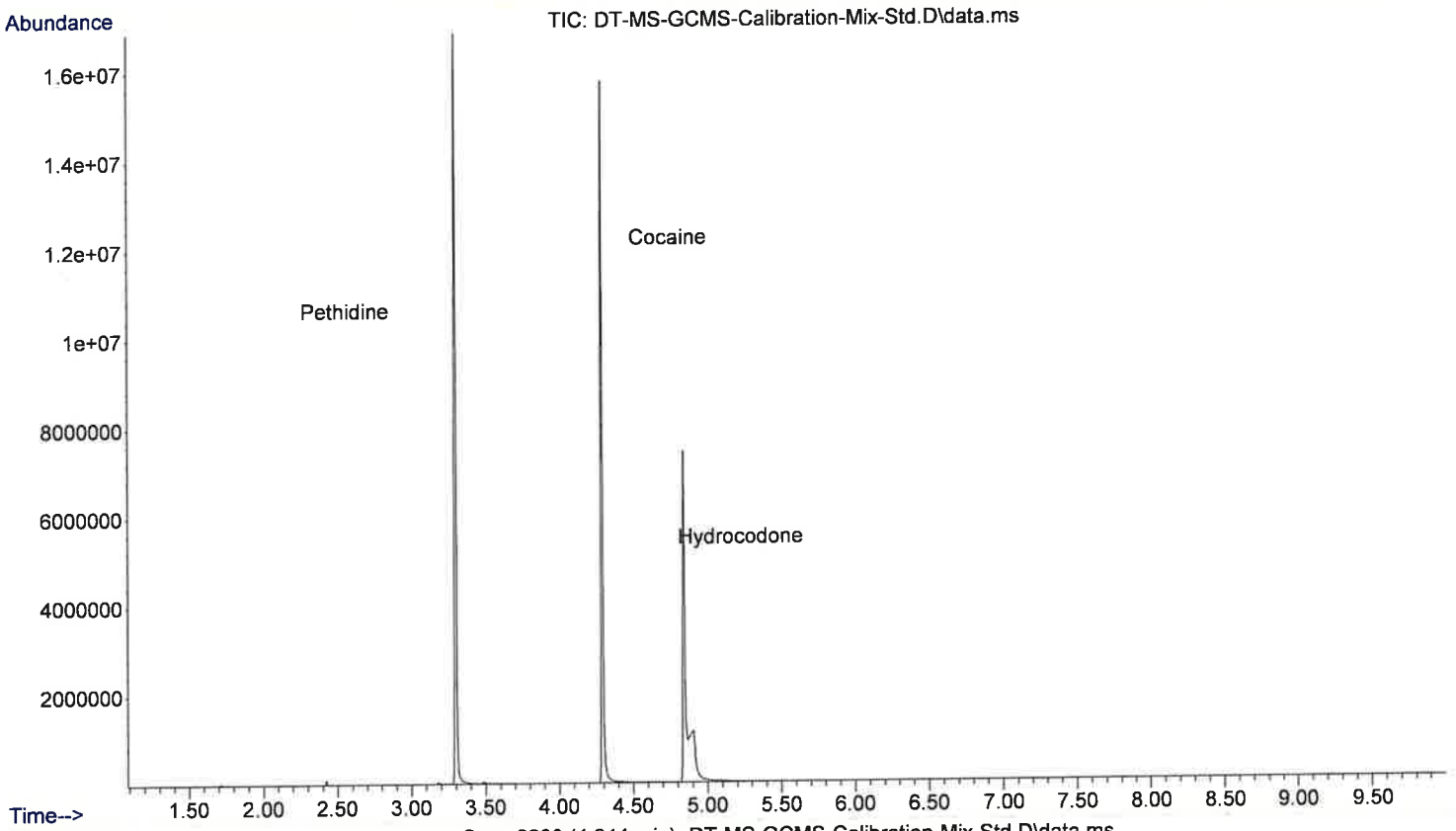


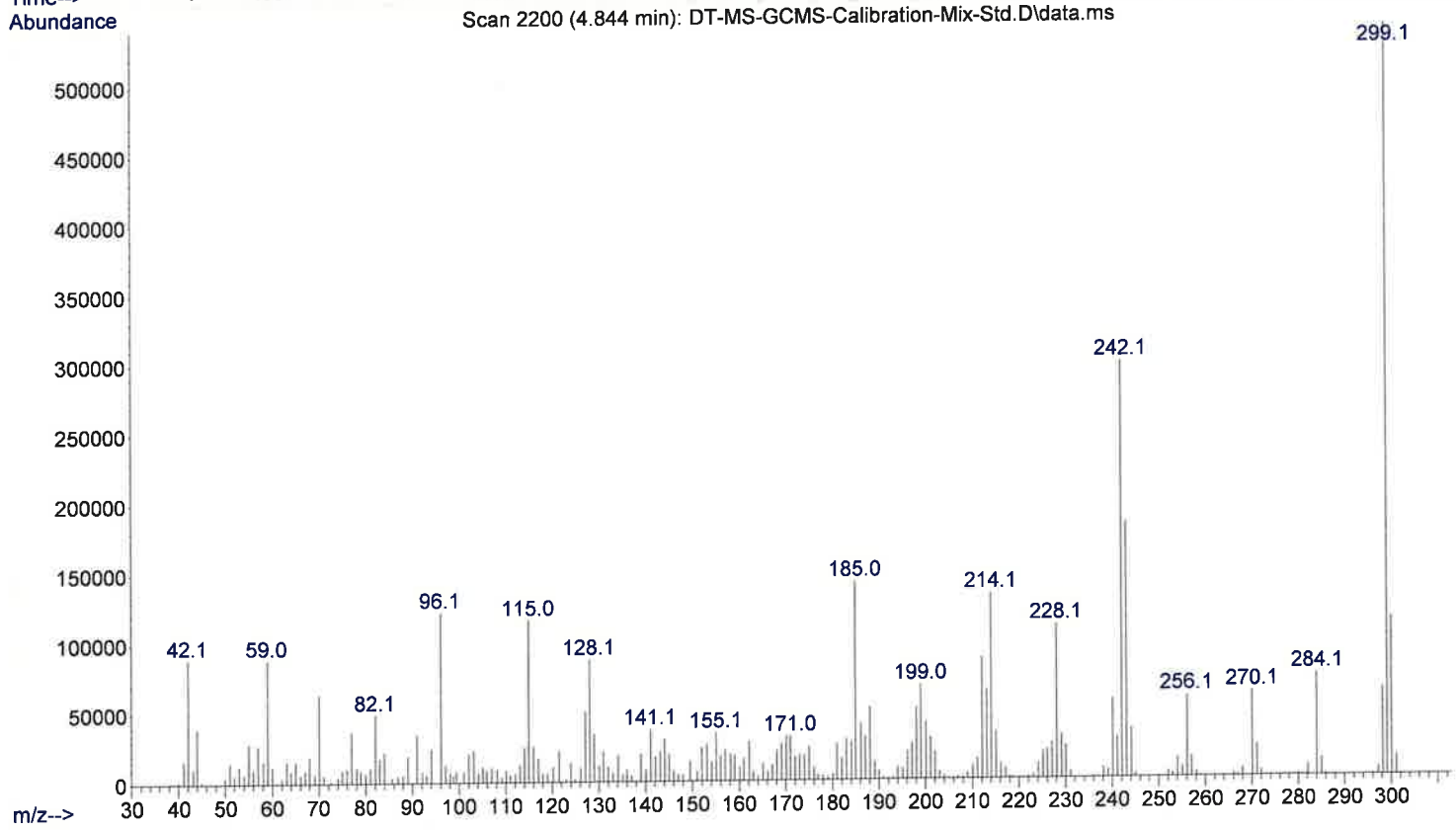
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 00:45 using AcqMethod DTDRUGS100.M
Sample Name: GCMS Calibration Mix Std
Misc Info : Meoh,Exp 03-06-27



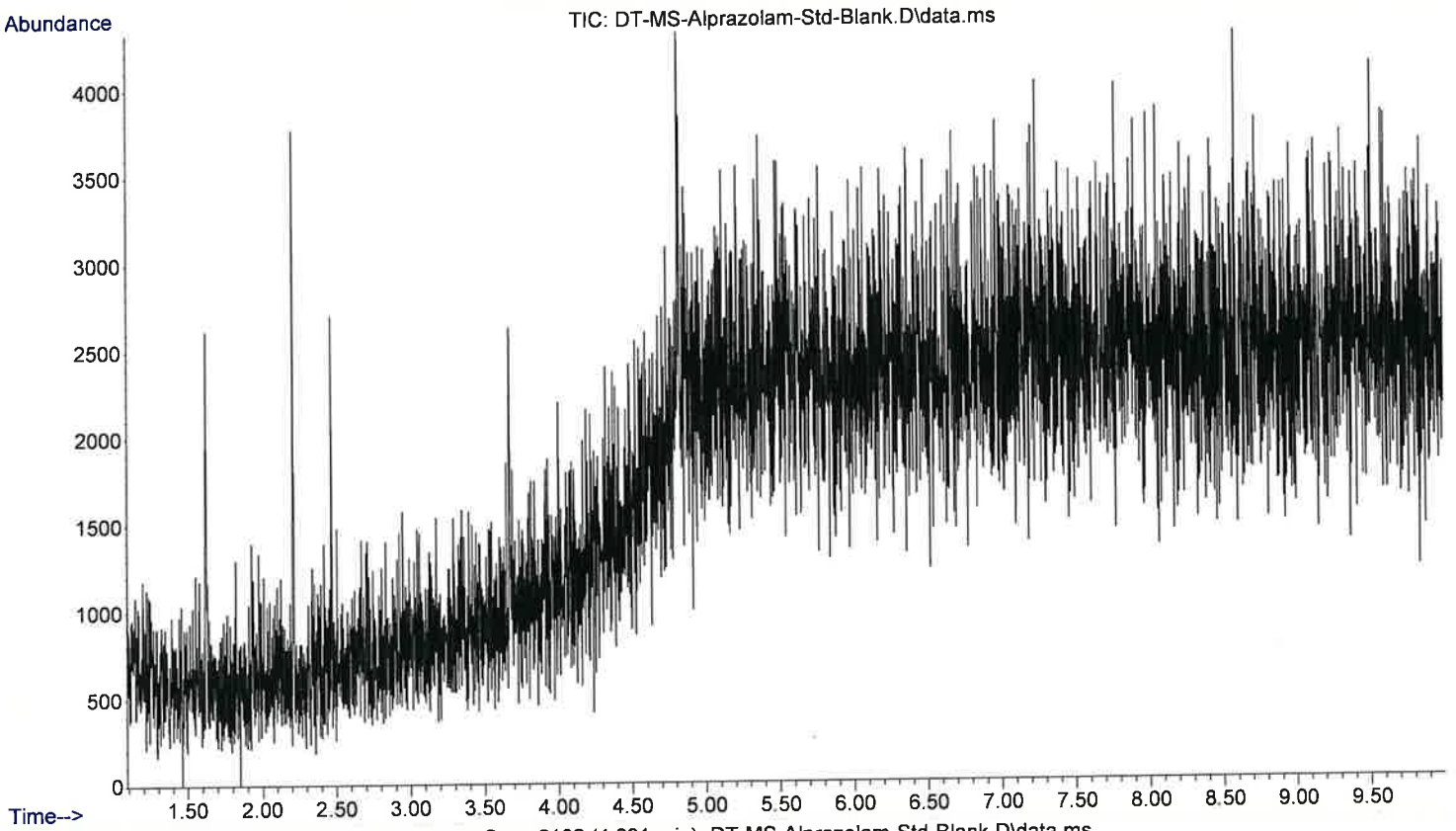


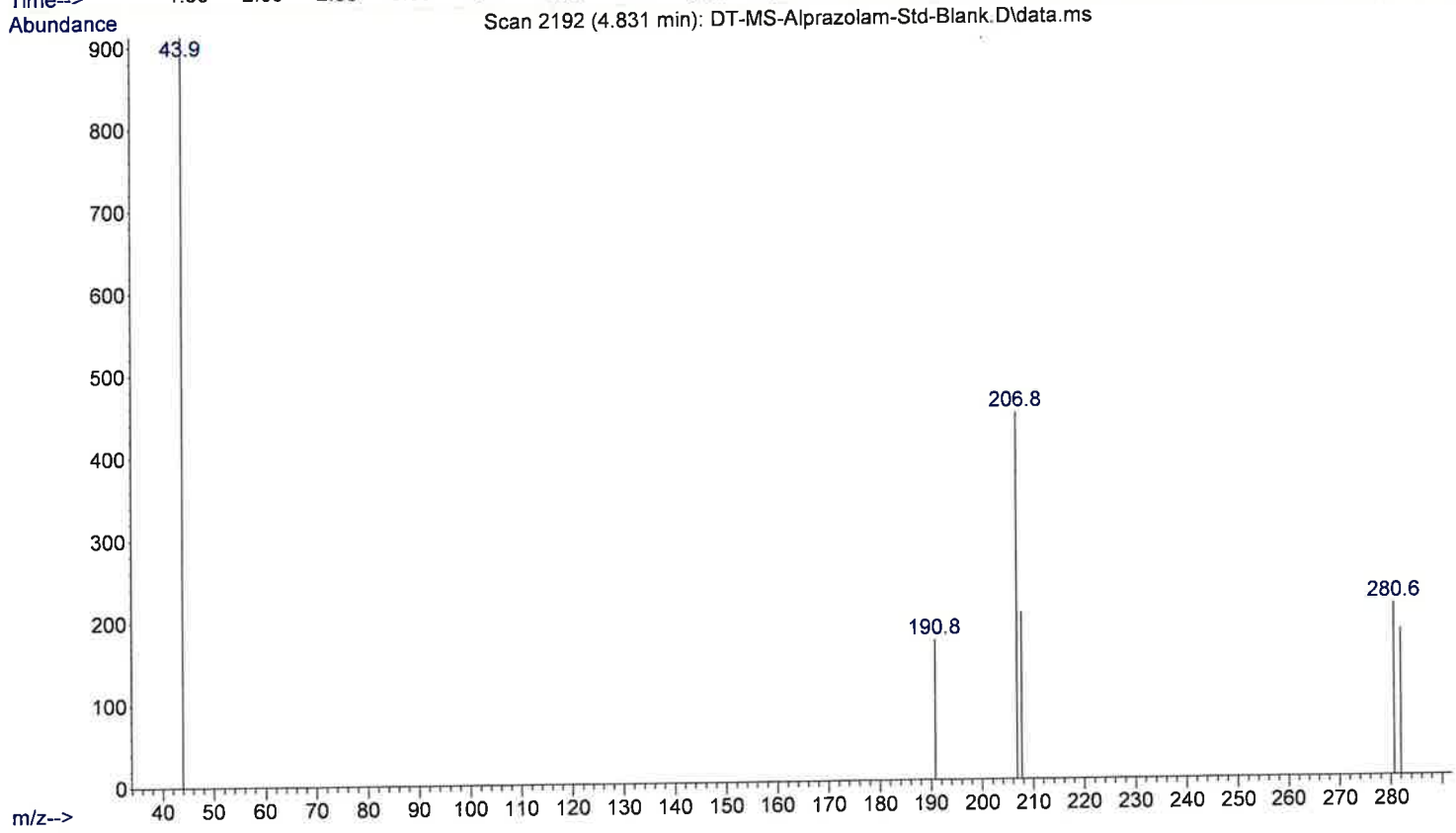
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Instrument : Quincy
Acquired : 31 Mar 2026 00:45 using AcqMethod DTDRUGS100.M
Sample Name: GCMS Calibration Mix Std
Misc Info : Meoh,Exp 03-06-27



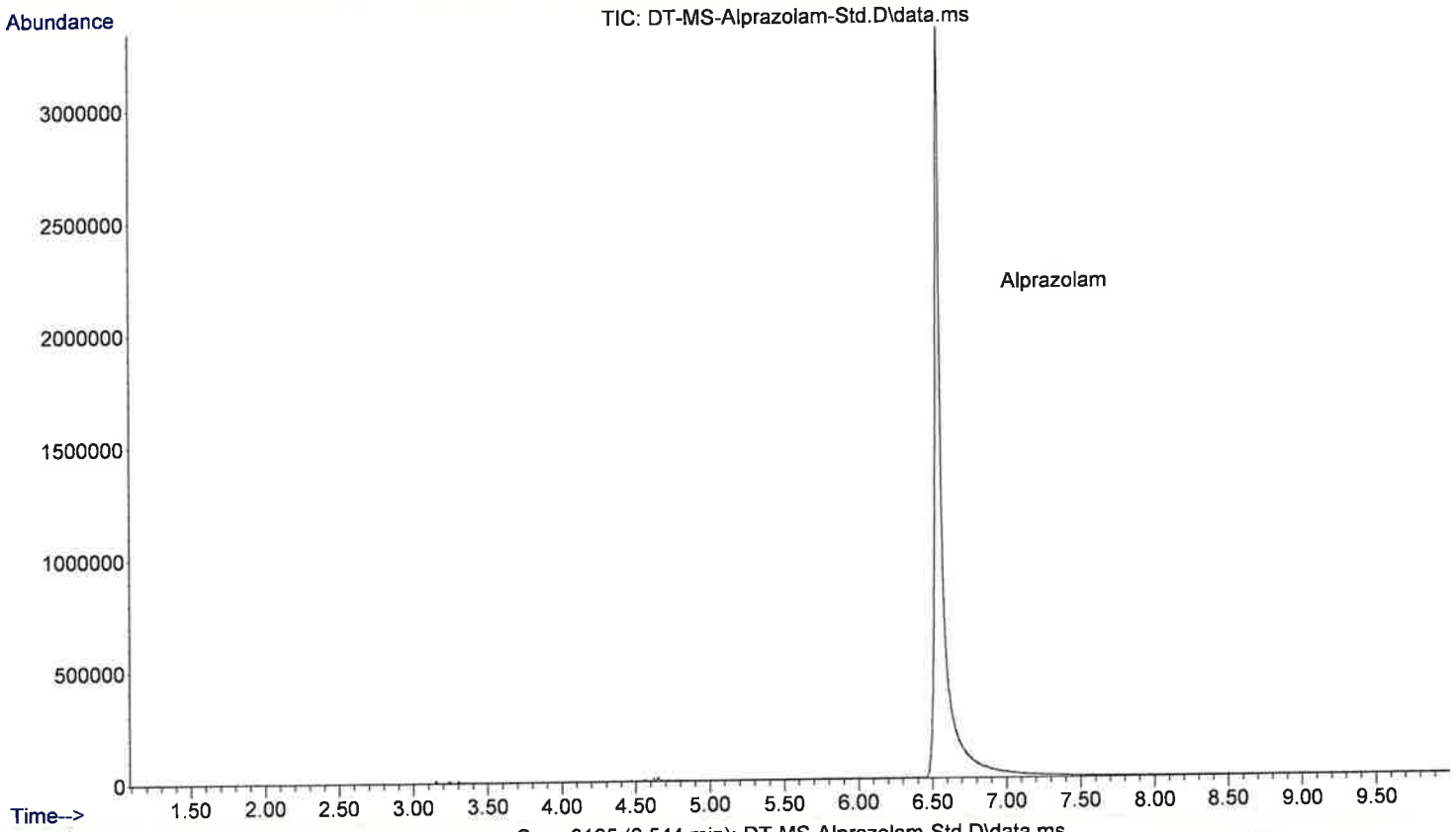


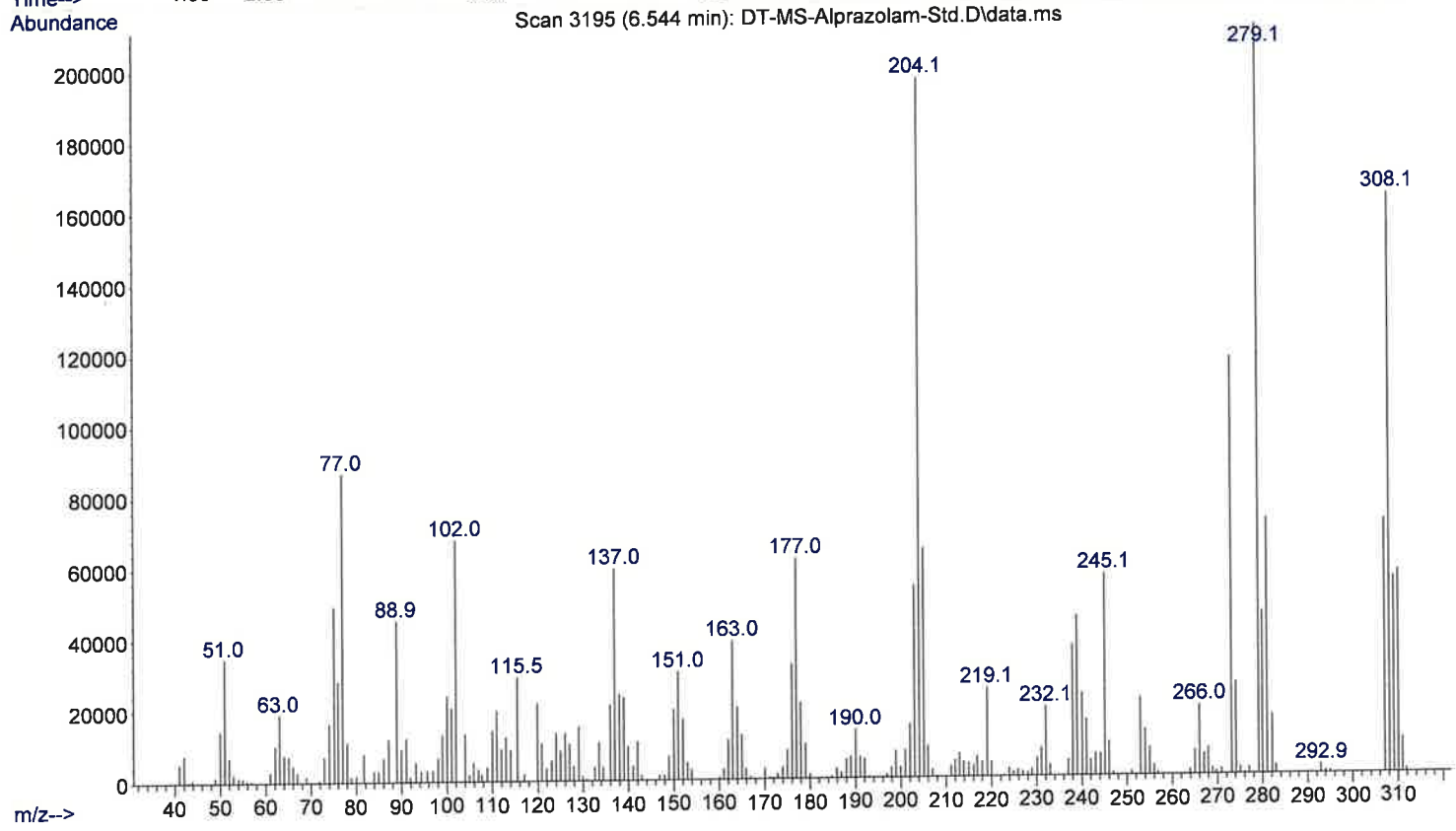
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 00:58 using AcqMethod DTDRUGS100.M
Sample Name: Alprazolam Std Blank
Misc Info : Meoh



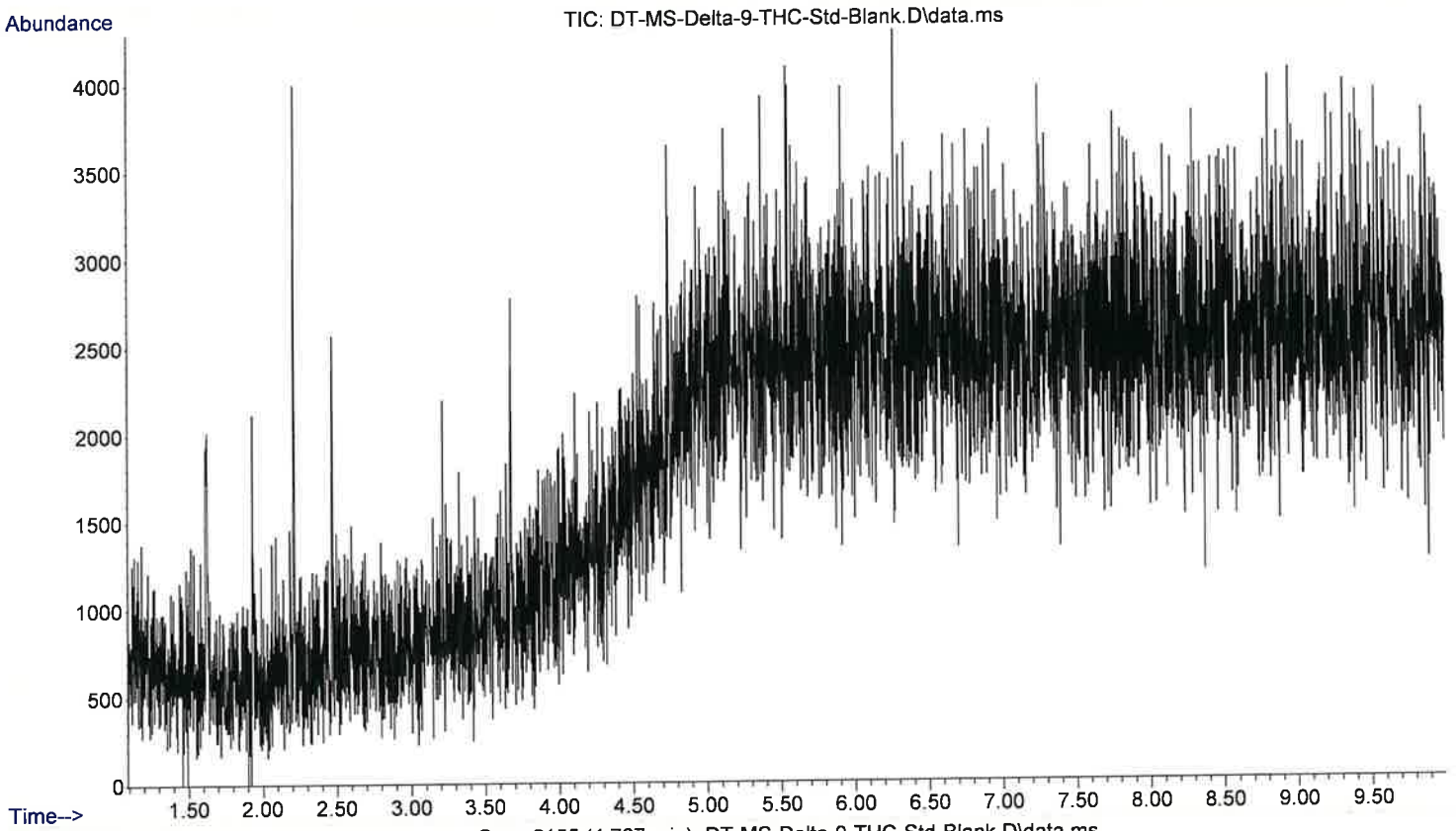


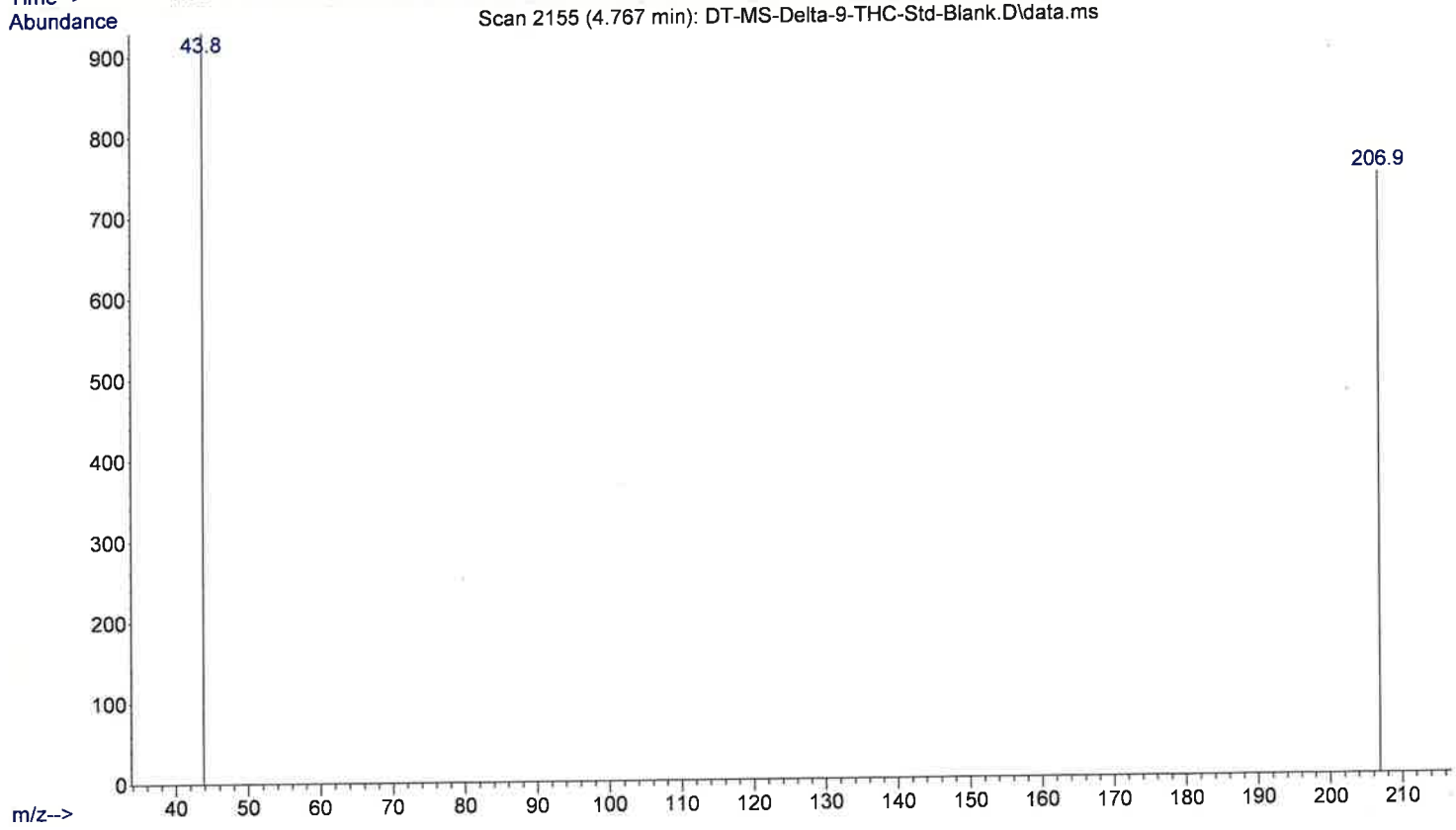
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 01:12 using AcqMethod DTDRUGS100.M
Sample Name: Alprazolam Std
Misc Info : Meoh,Cerilliant,LotFE050032221,Exp01-31-28



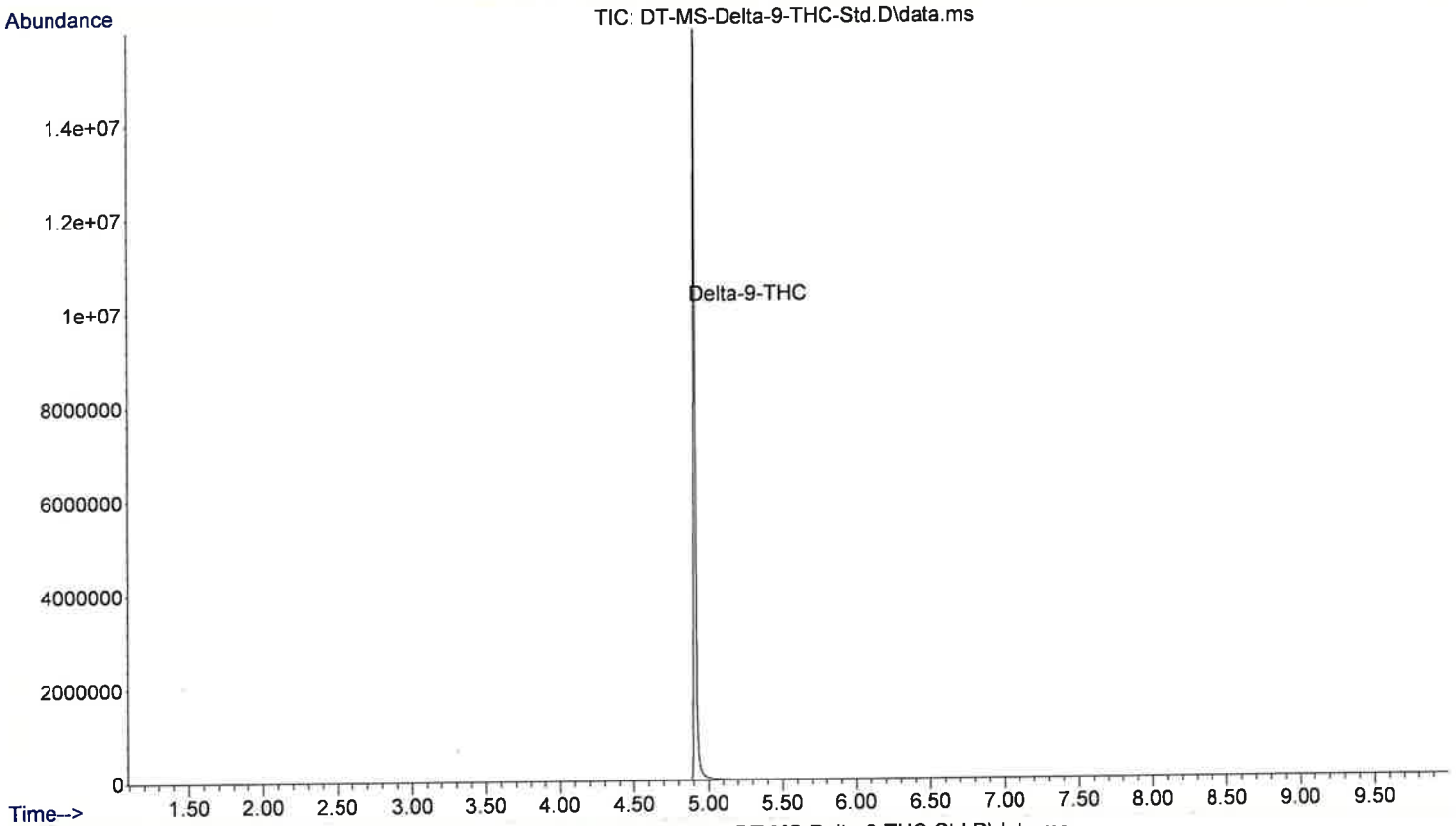


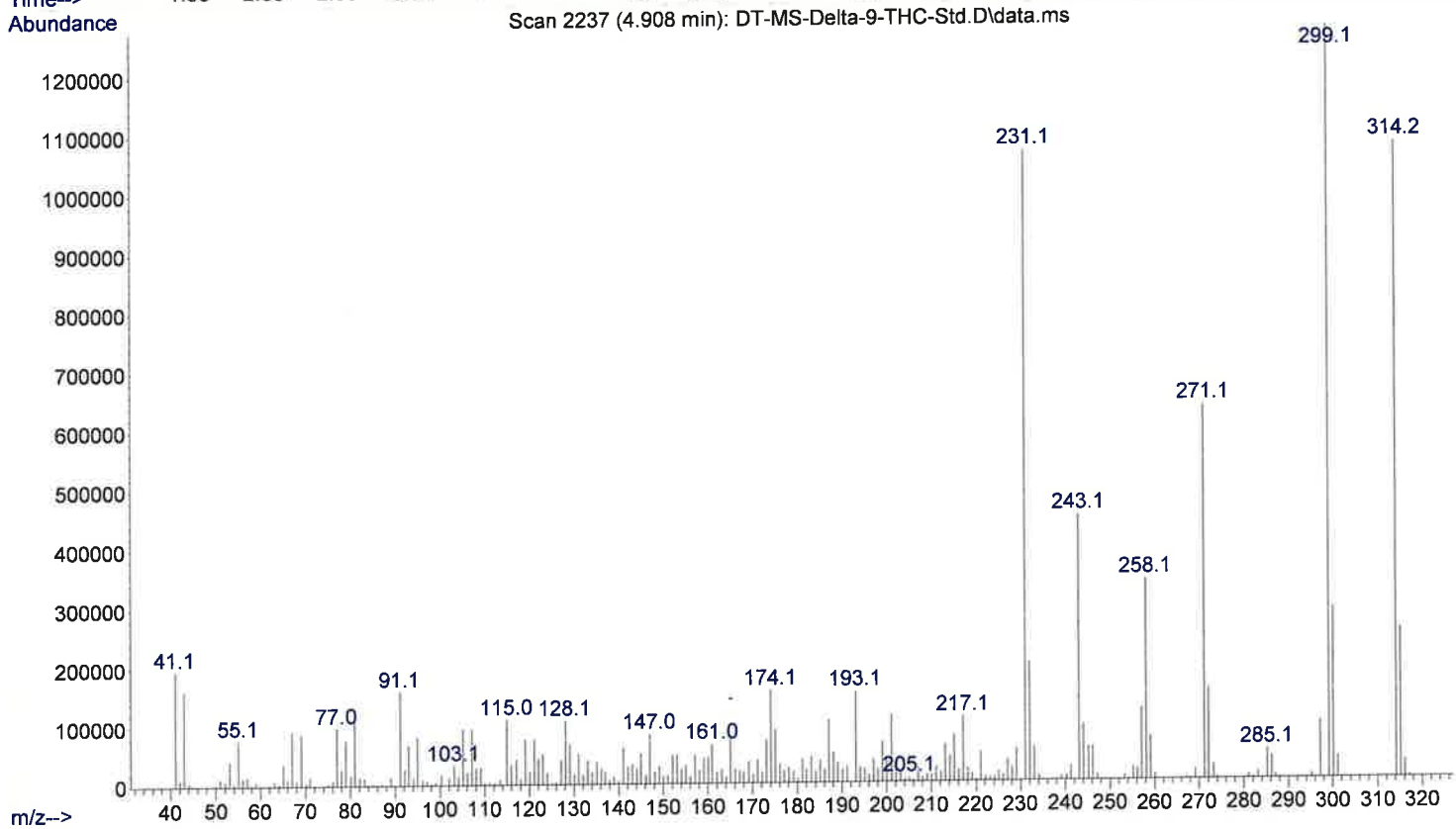
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 01:25 using AcqMethod DTDRUGS100.M
Sample Name: Delta-9 THC Std Blank
Misc Info : Meoh



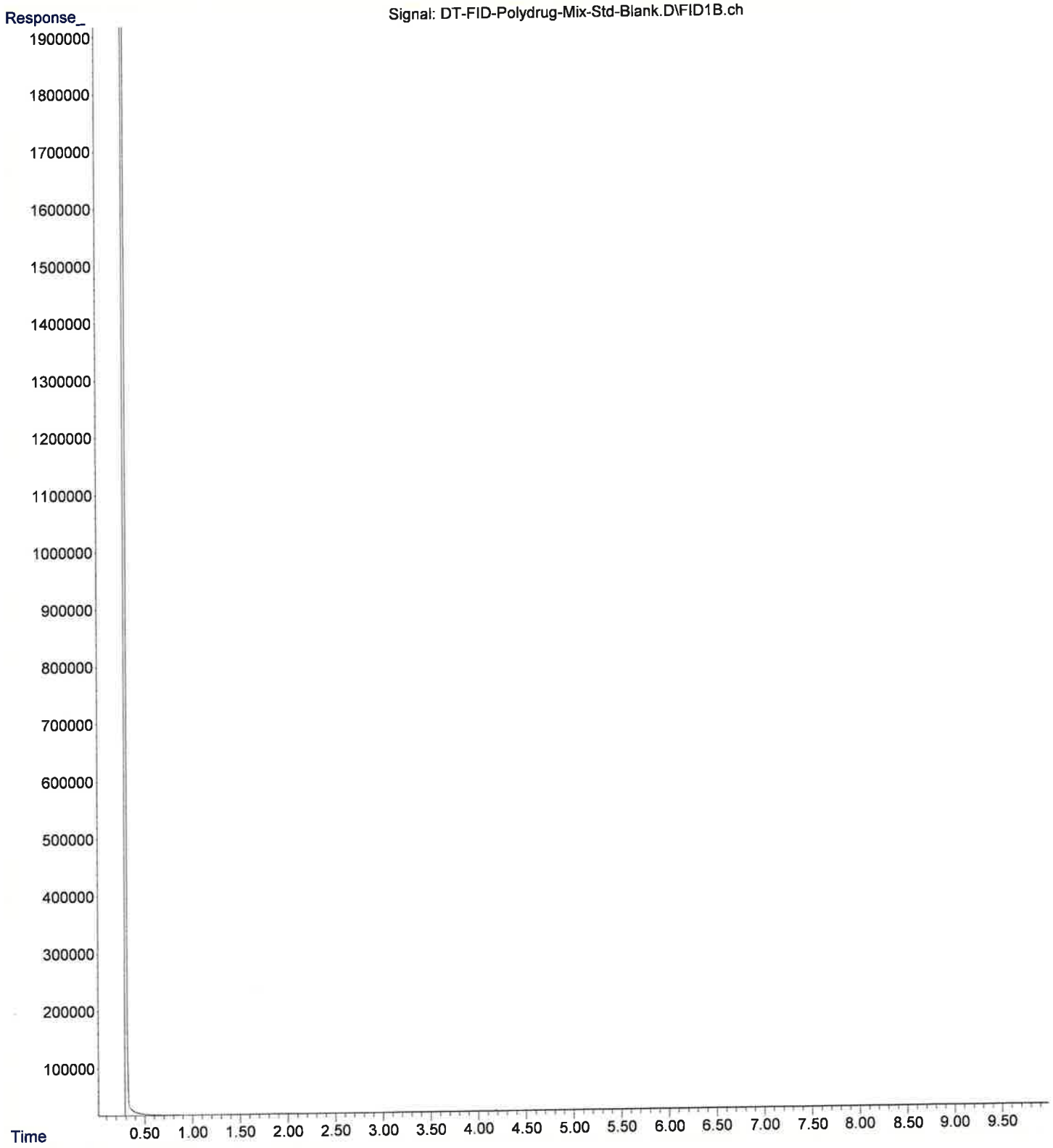


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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 01:38 using AcqMethod DTDRUGS100.M
Sample Name: Delta-9 THC Std
Misc Info : Meoh,Cerilliant,LotFE06212201,Exp10-31-27

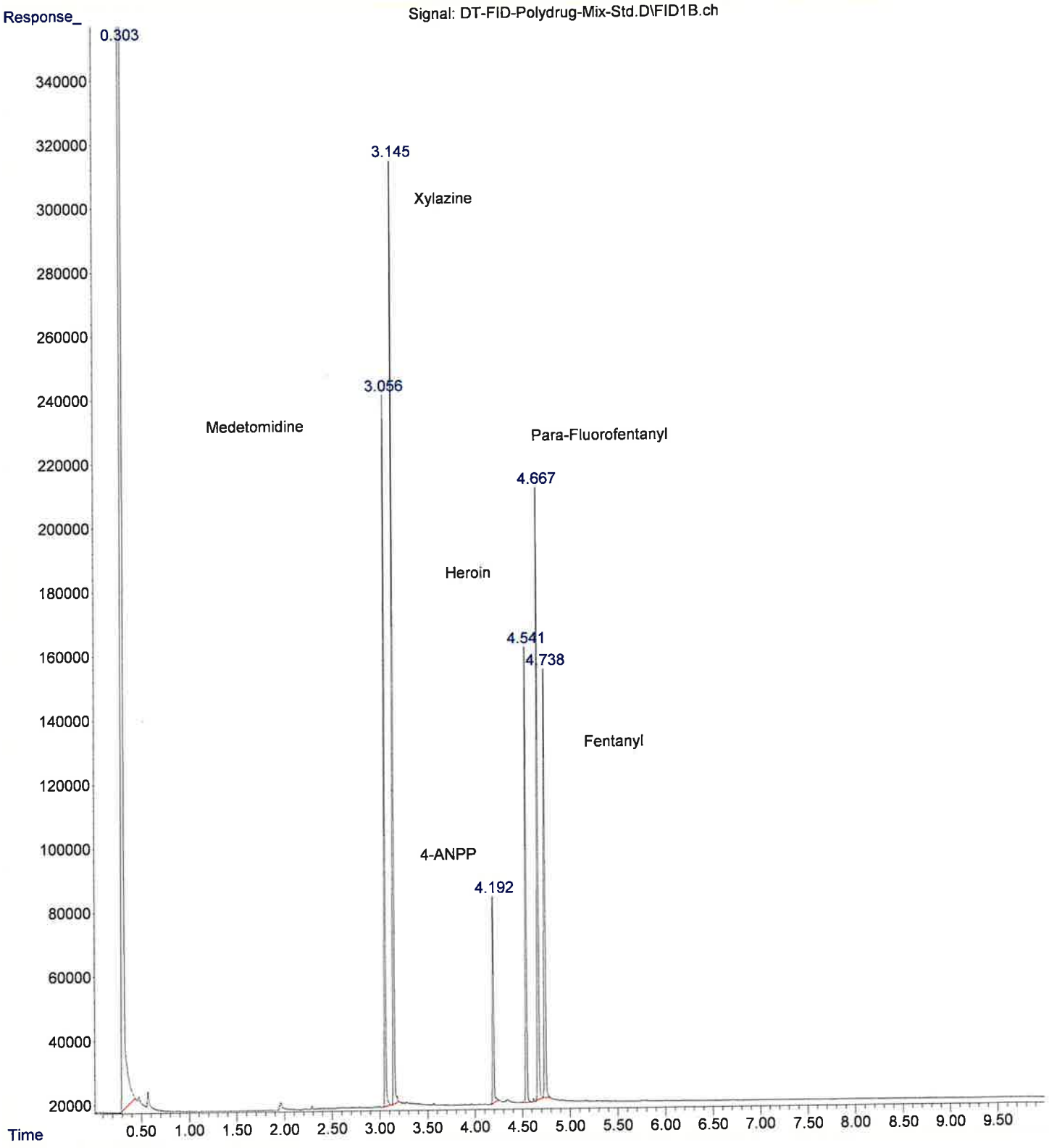




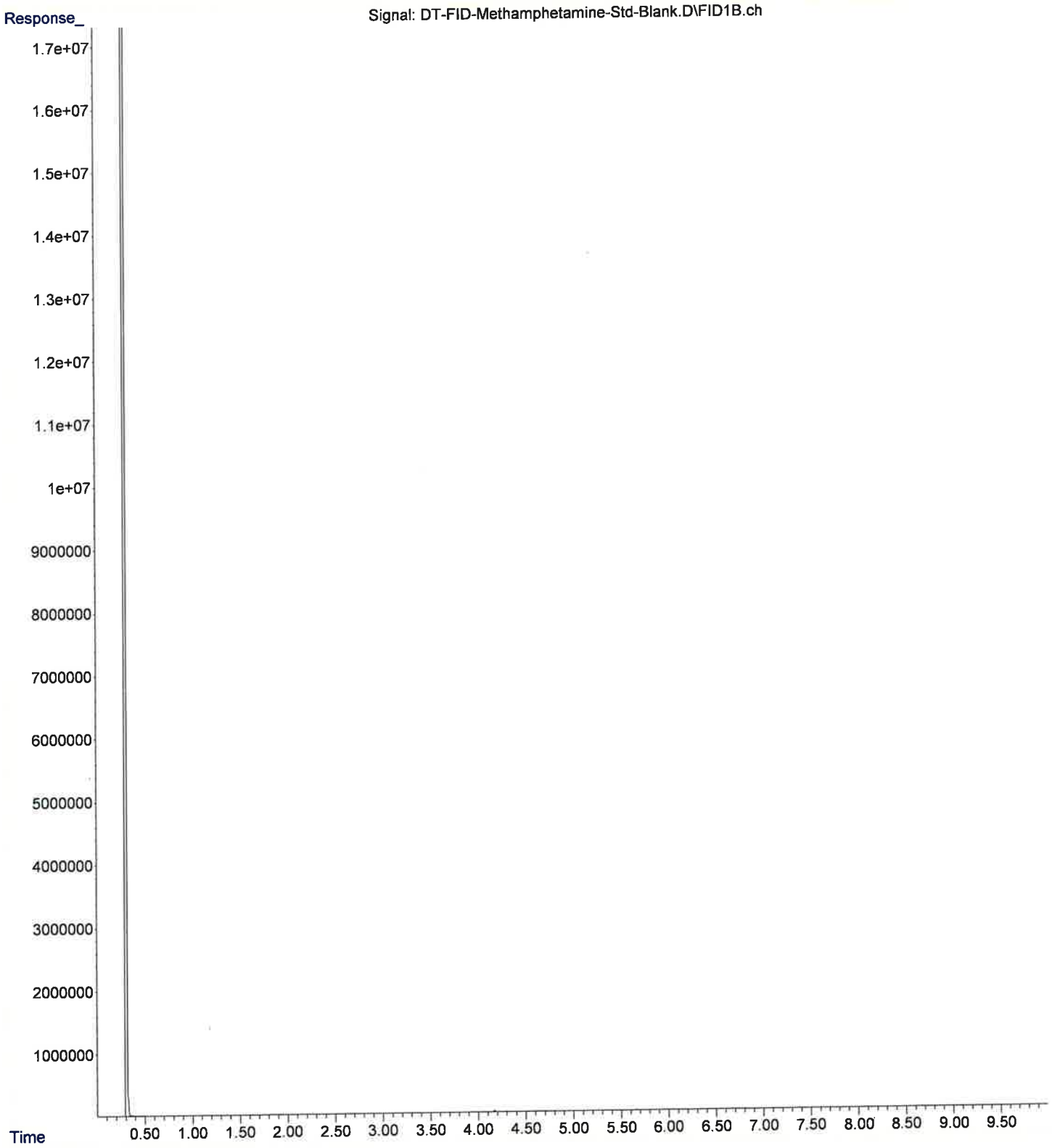
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 01:51 using AcqMethod DTDRUGS100.M
Sample Name: Polydrug-Mix-Std-Blank
Misc Info : Acetonitrile



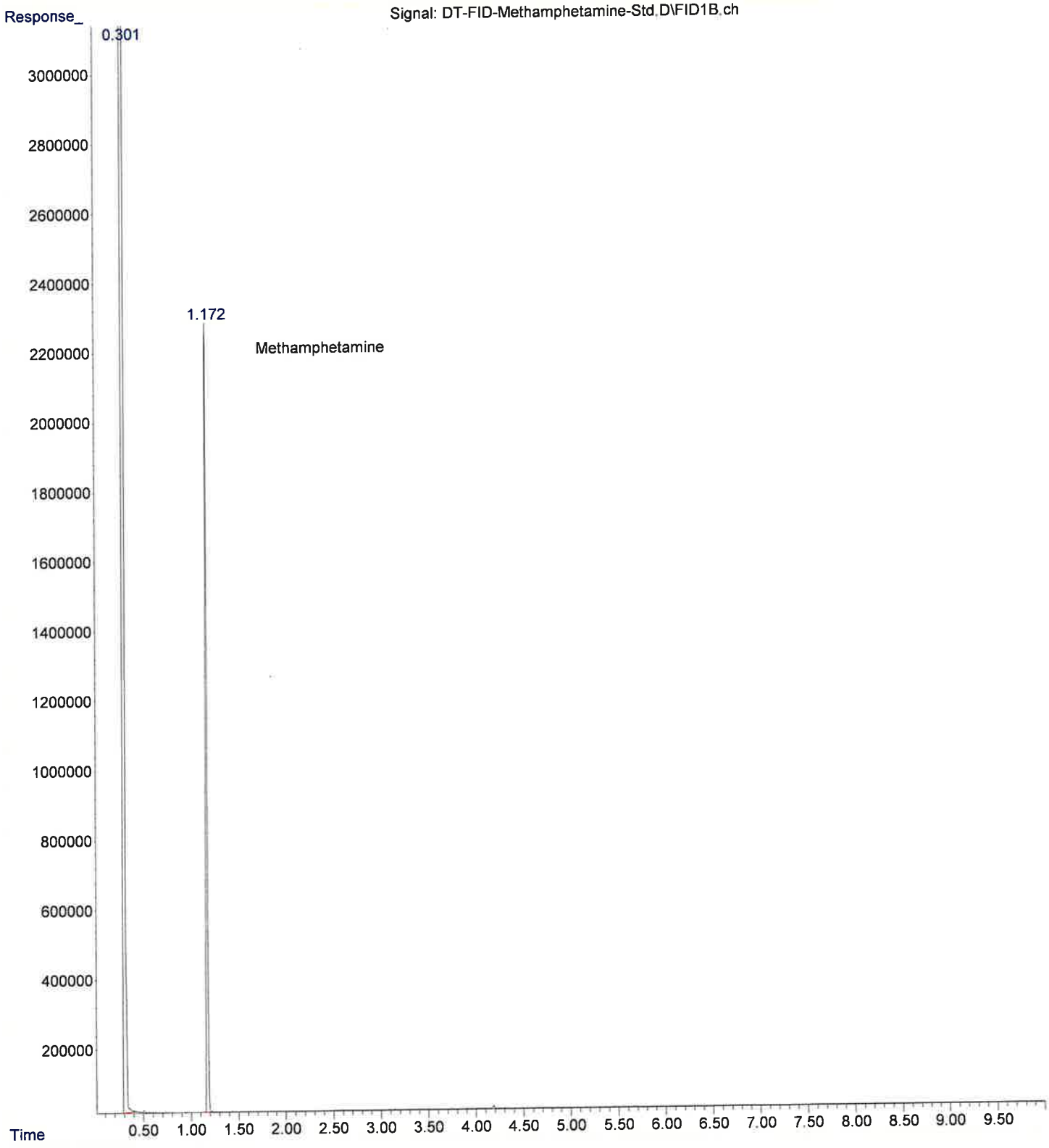
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 02:05 using AcqMethod DTDRUGS100.M
Sample Name: Polydrug-Mix-Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



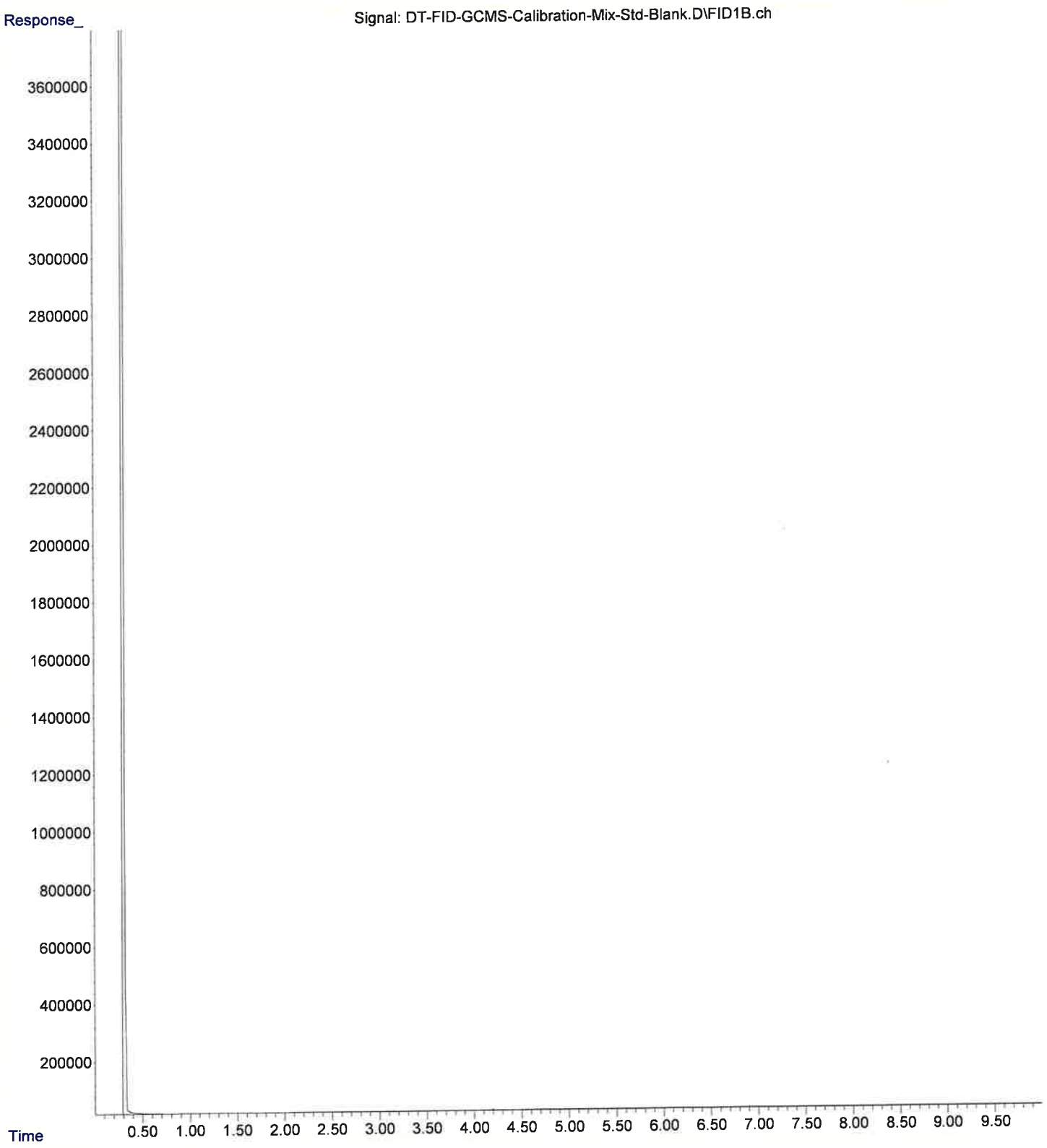
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 00:05 using AcqMethod DTDRUGS100.M
Sample Name: Methamphetamine Std Blank
Misc Info : Meoh



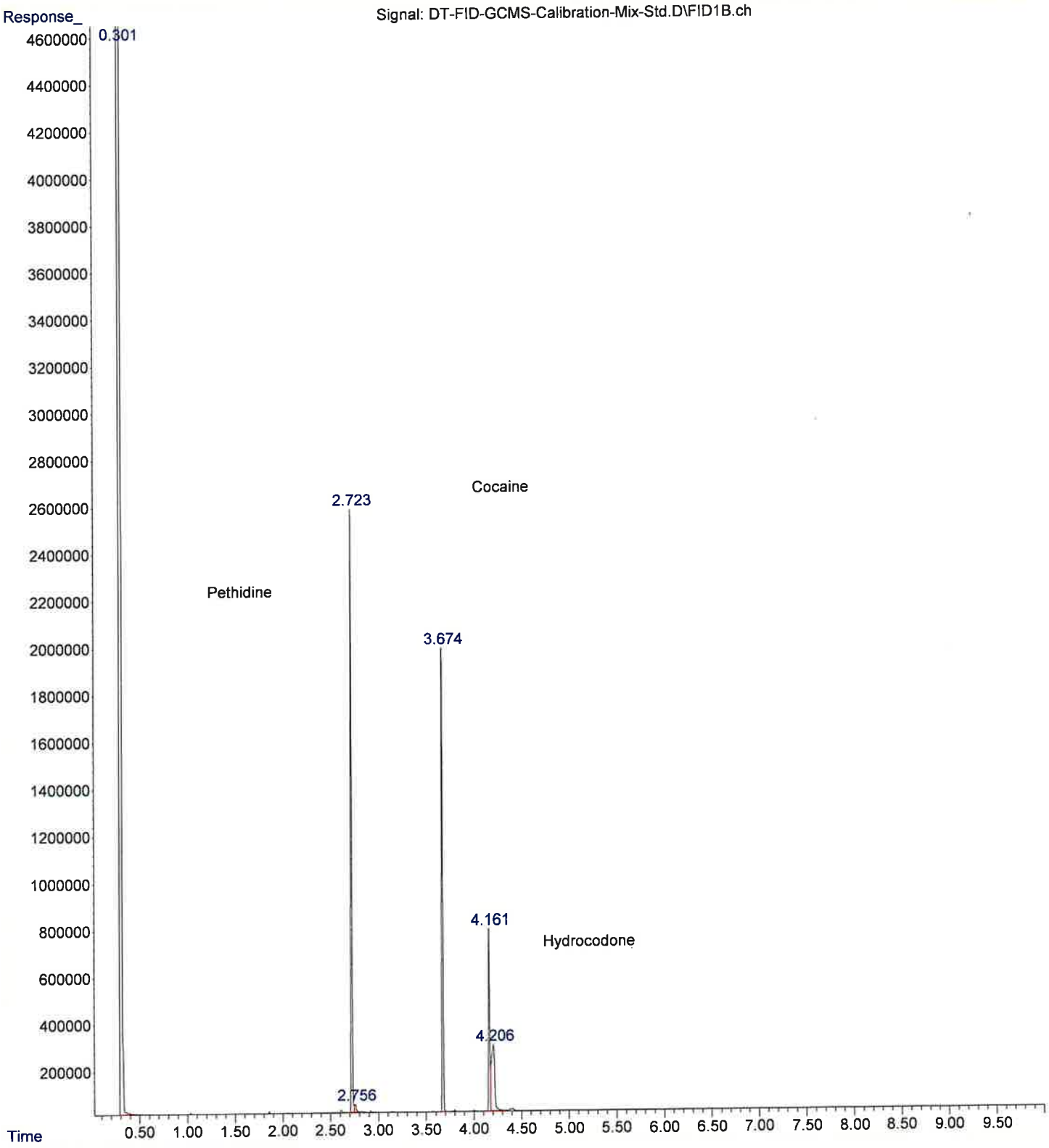
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 00:19 using AcqMethod DTDRUGS100.M
Sample Name: Methamphetamine Std
Misc Info : Meoh,Cerilliant,LotFE006022204,Exp12-31-27



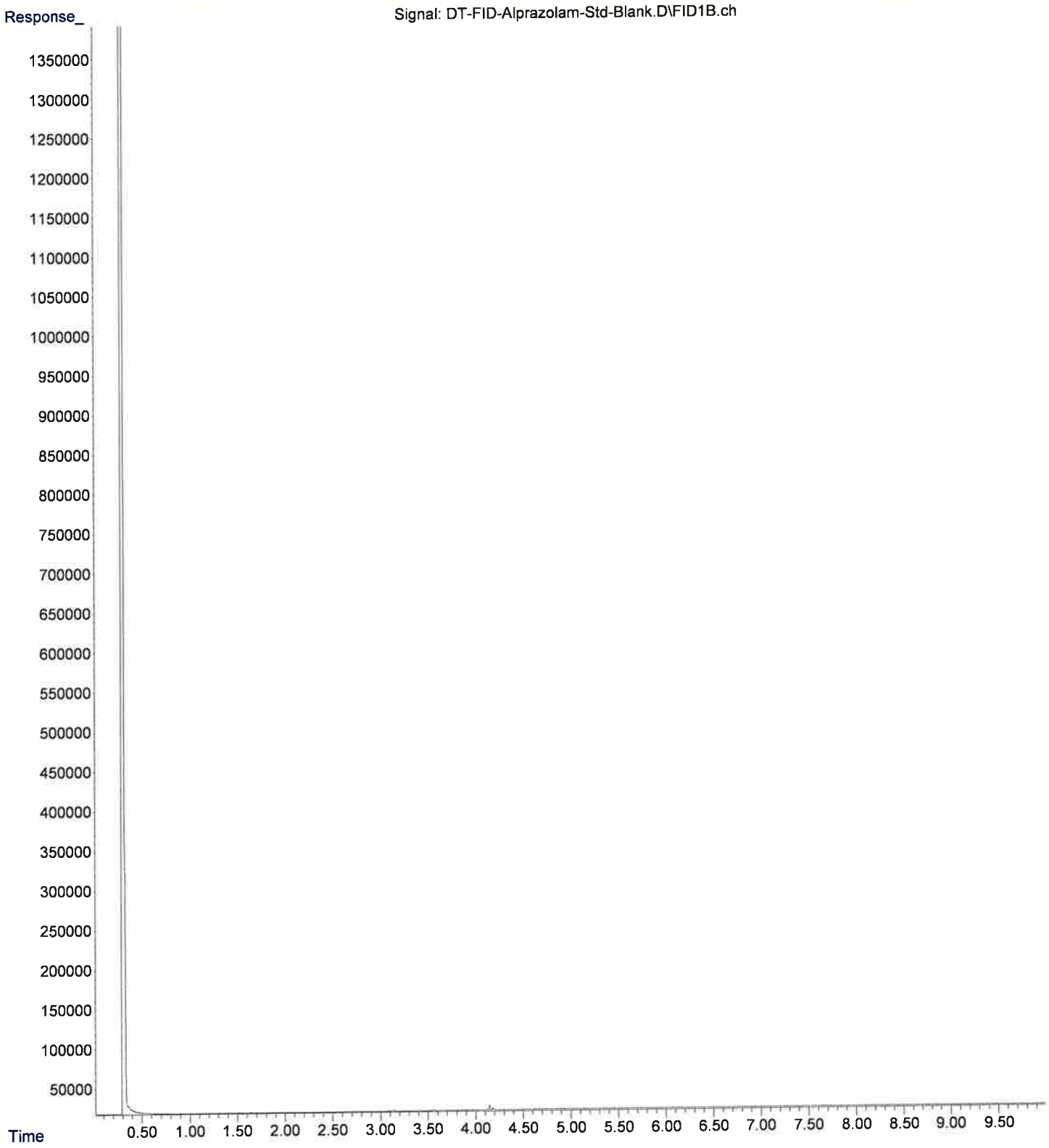
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 00:32 using AcqMethod DTDRUGS100.M
Sample Name: GCMS Calibration Mix Std Blank
Misc Info : Meoh



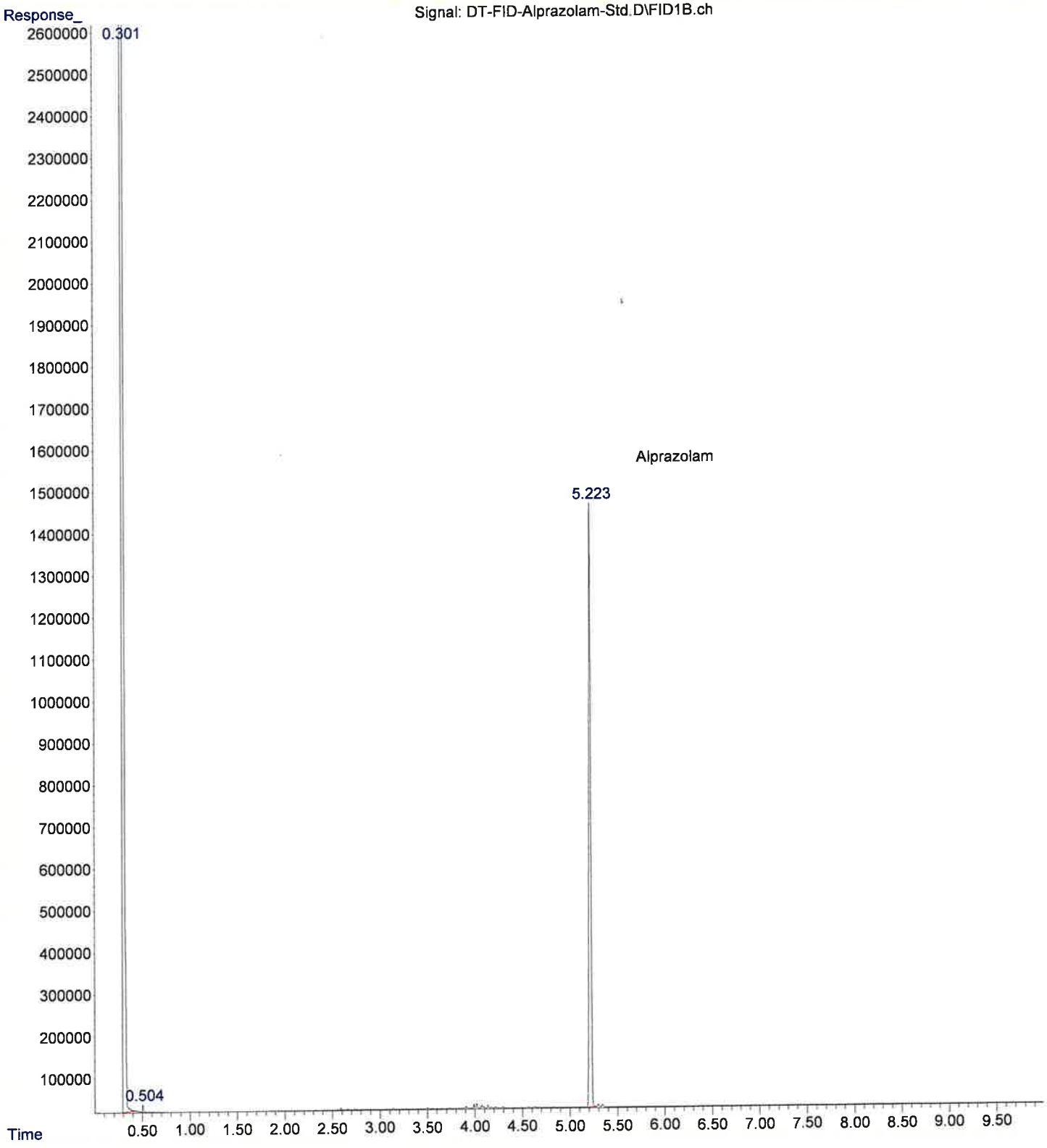
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 00:45 using AcqMethod DTDRUGS100.M
Sample Name: GCMS Calibration Mix Std
Misc Info : Meoh,Exp 03-06-27



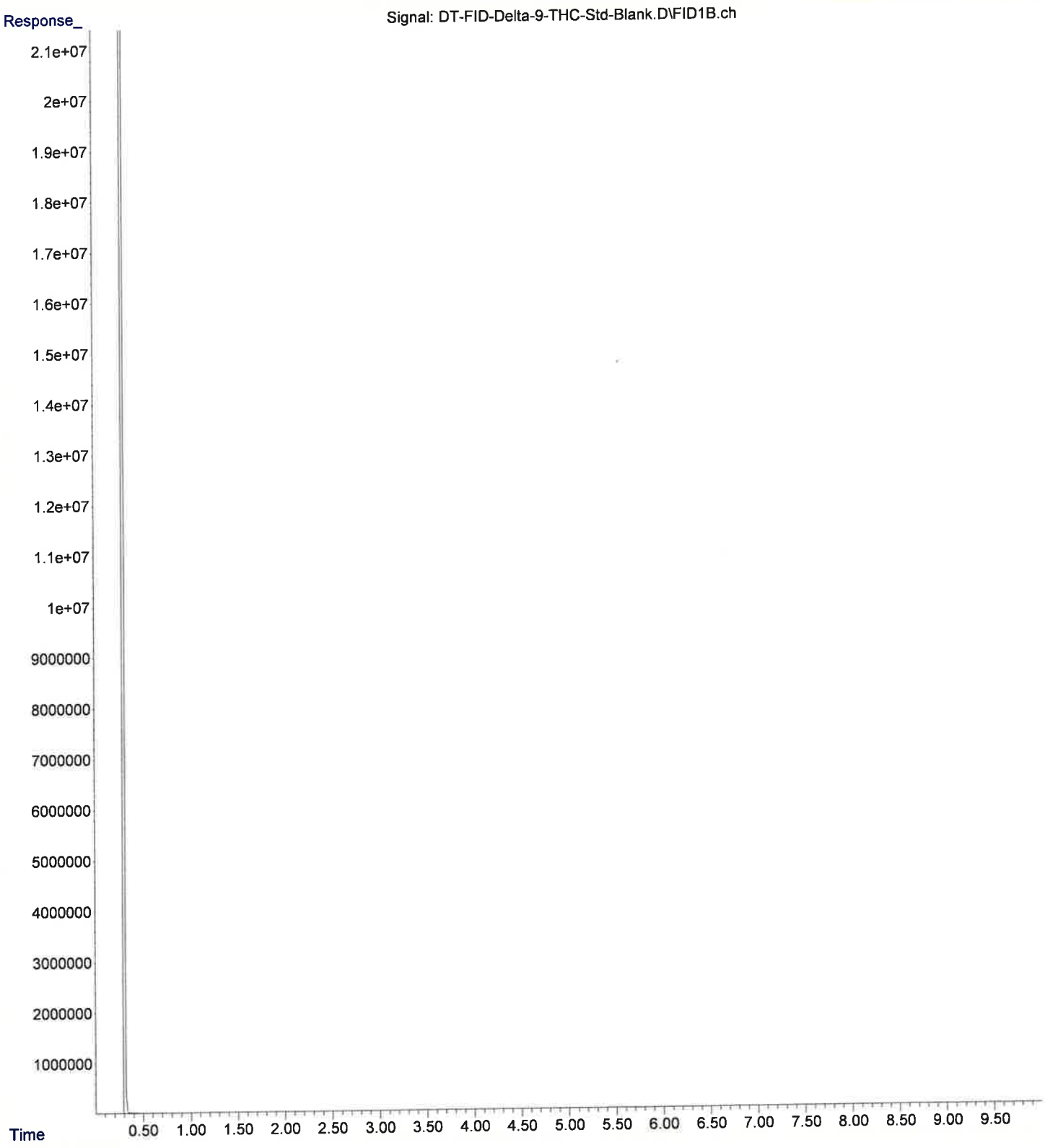
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 00:58 using AcqMethod DTDRUGS100.M
Sample Name: Alprazolam Std Blank
Misc Info : Meoh



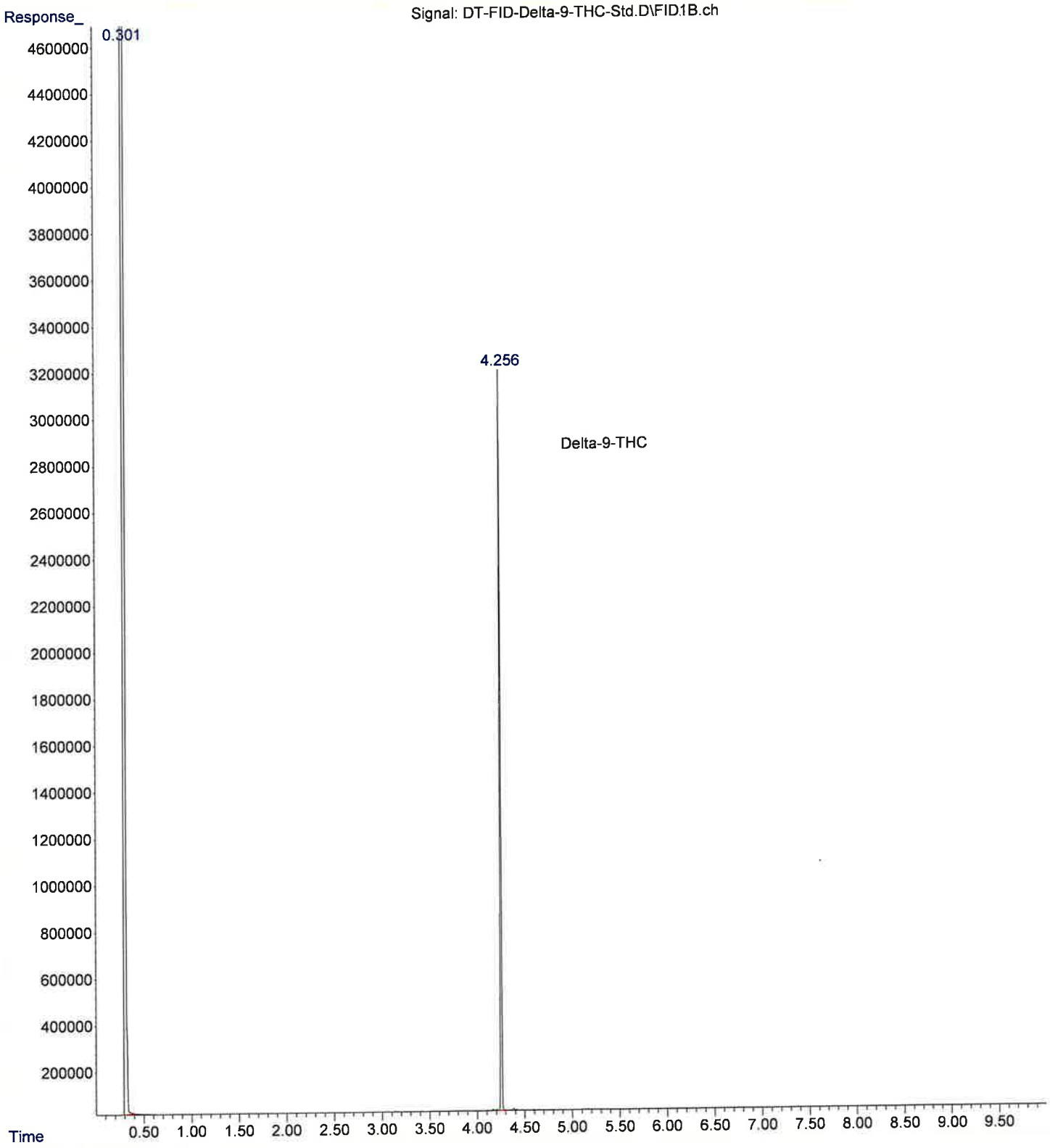
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 01:12 using AcqMethod DTDRUGS100.M
Sample Name: Alprazolam Std
Misc Info : Meoh,Cerilliant,LotFE050032221,Exp01-31-28



File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2026\RH\DUAL I
... NJECTION 3-30-26.SEC\DT-FID-Delta-9-THC-Std-Blank.D
Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 01:25 using AcqMethod DTDRUGS100.M
Sample Name: Delta-9 THC Std Blank
Misc Info : Meoh



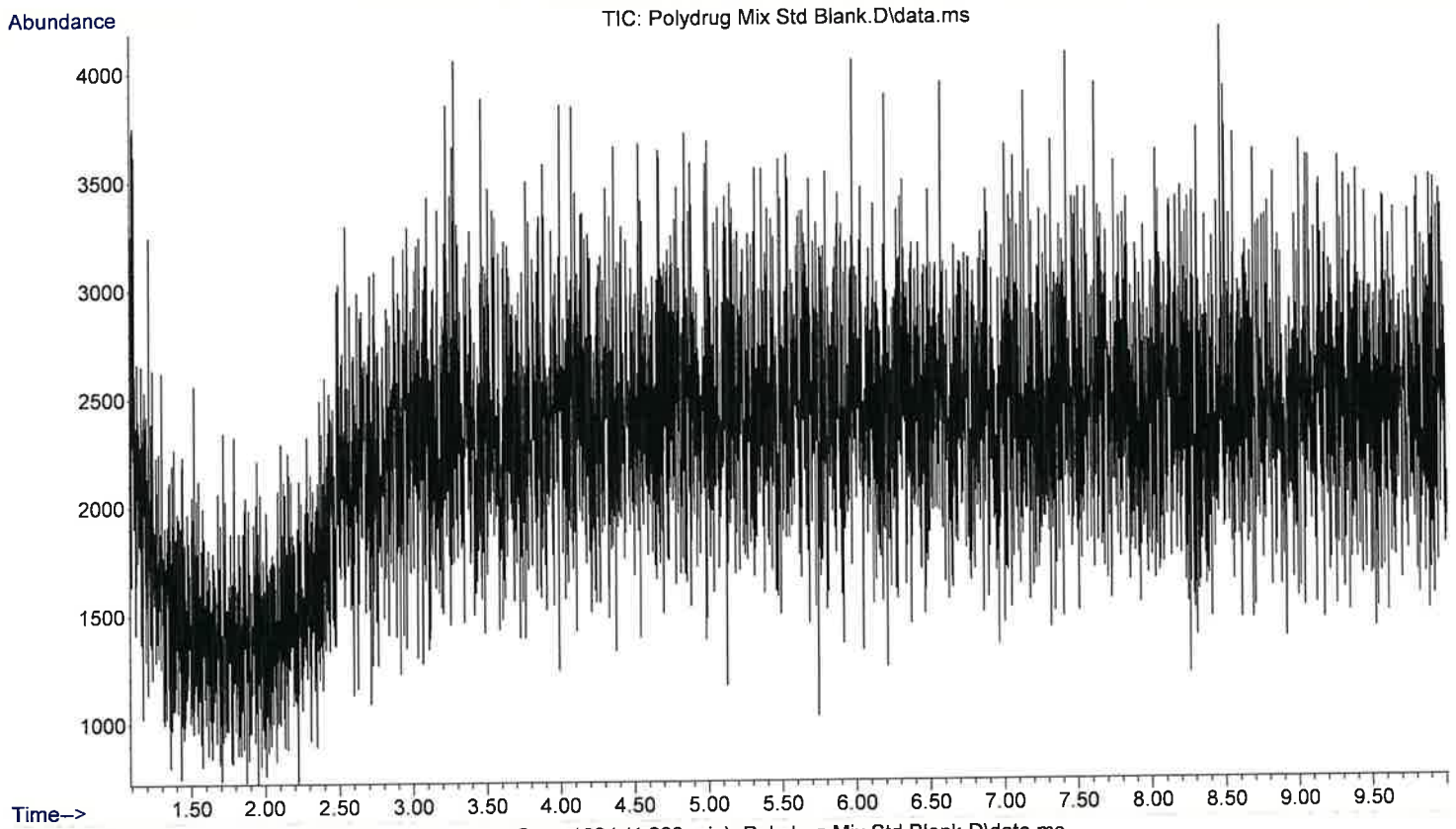
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 01:38 using AcqMethod DTDRUGS100.M
Sample Name: Delta-9 THC Std
Misc Info : Meoh,Cerilliant,LotFE06212201,Exp10-31-27

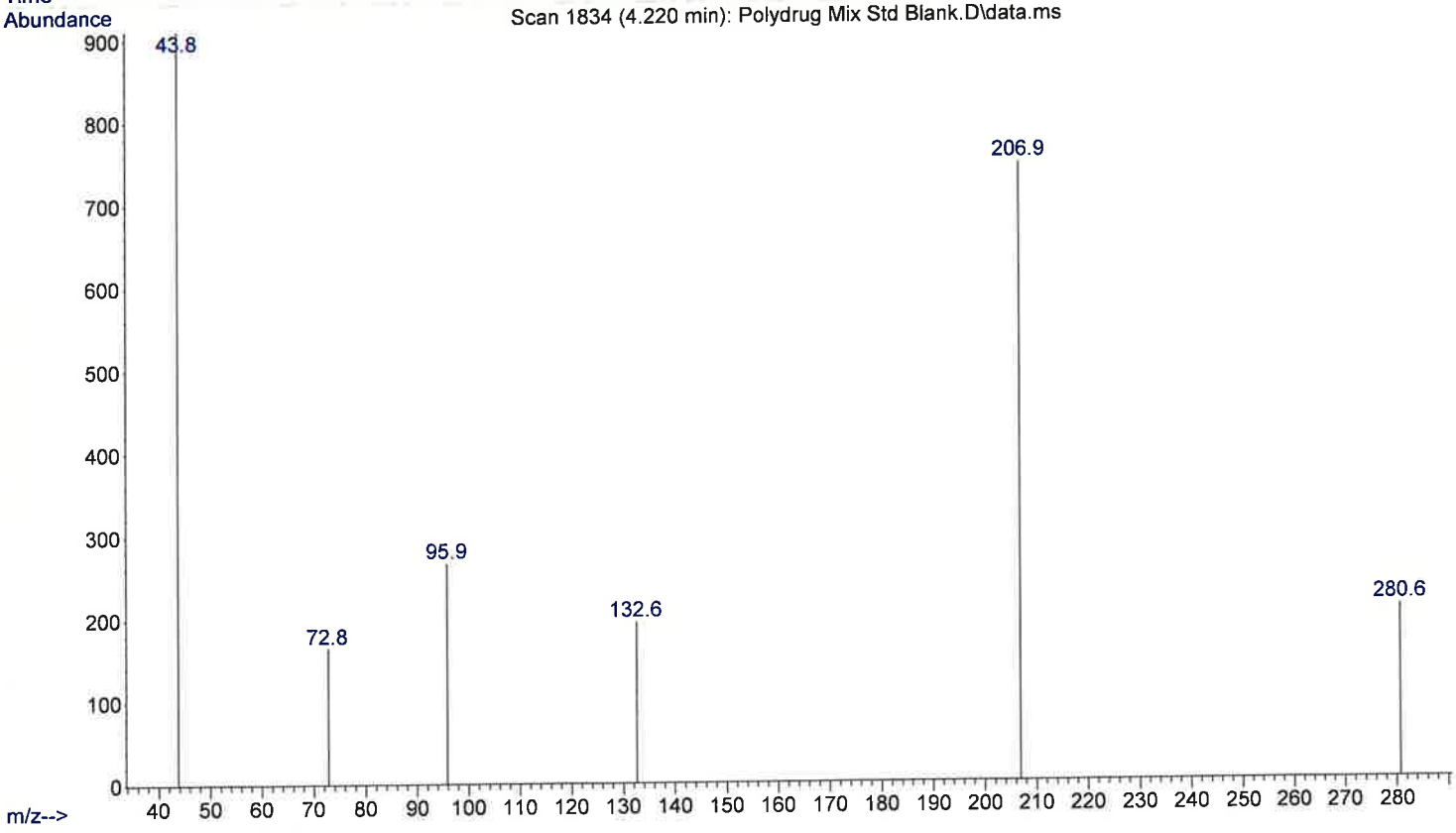


Dual Tower Injection on 3-31-26 (After GCFID maintenance)

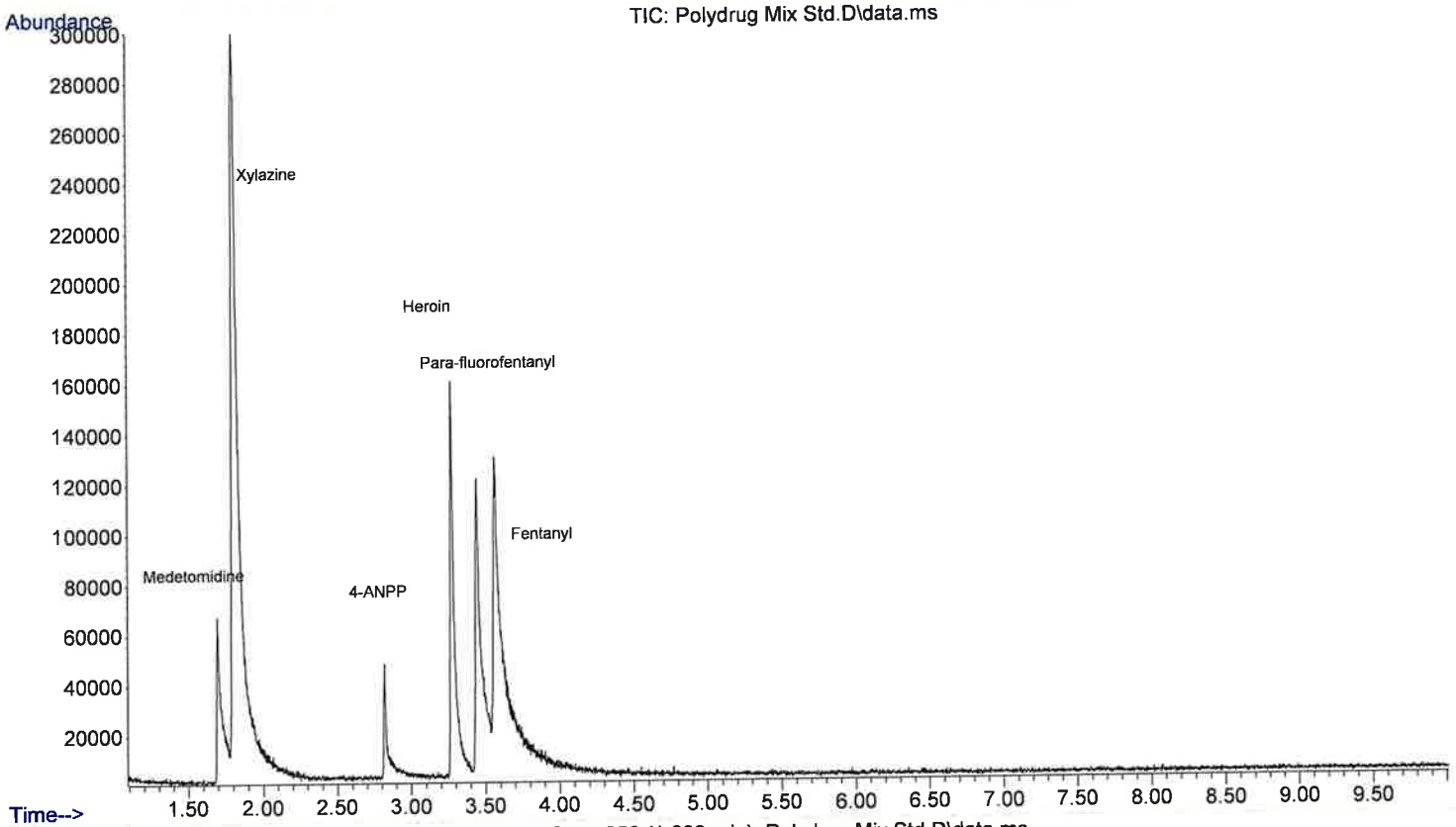
Polydrug Mix:	DTDRUGS200	2%	(-)	(+)	ASGC200
Medetomidine	**1.124**	0.02248	1.10152	1.14648	**1.12**
Xylazine	**1.221**	0.02442	1.19658	1.24542	**1.216**
4-ANPP	**2.227**	0.04454	2.18246	2.27154	**2.219**
Heroin	**2.55**	0.051	2.499	2.601	**2.539**
Para-fluoro Fentanyl	**2.667**	0.05334	2.61366	2.72034	**2.655**
Fentanyl	**2.733**	0.05466	2.67834	2.78766	**2.721**
Methamphetamine	**0.428**	0.00856	0.41944	0.43656	**0.419**
GCMS Calibration Mix:					
Pethidine	**0.827**	0.01654	0.81046	0.84354	**0.824**
Cocaine	**1.734**	0.03468	1.69932	1.76868	**1.734**
Hydrocodone	**2.194**	0.04388	2.15012	2.23788	**2.197**
Alprazolam	**3.235**	0.0647	3.1703	3.2997	**3.218**
Delta-9-THC	**2.286**	0.04572	2.24028	2.33172	**2.28**

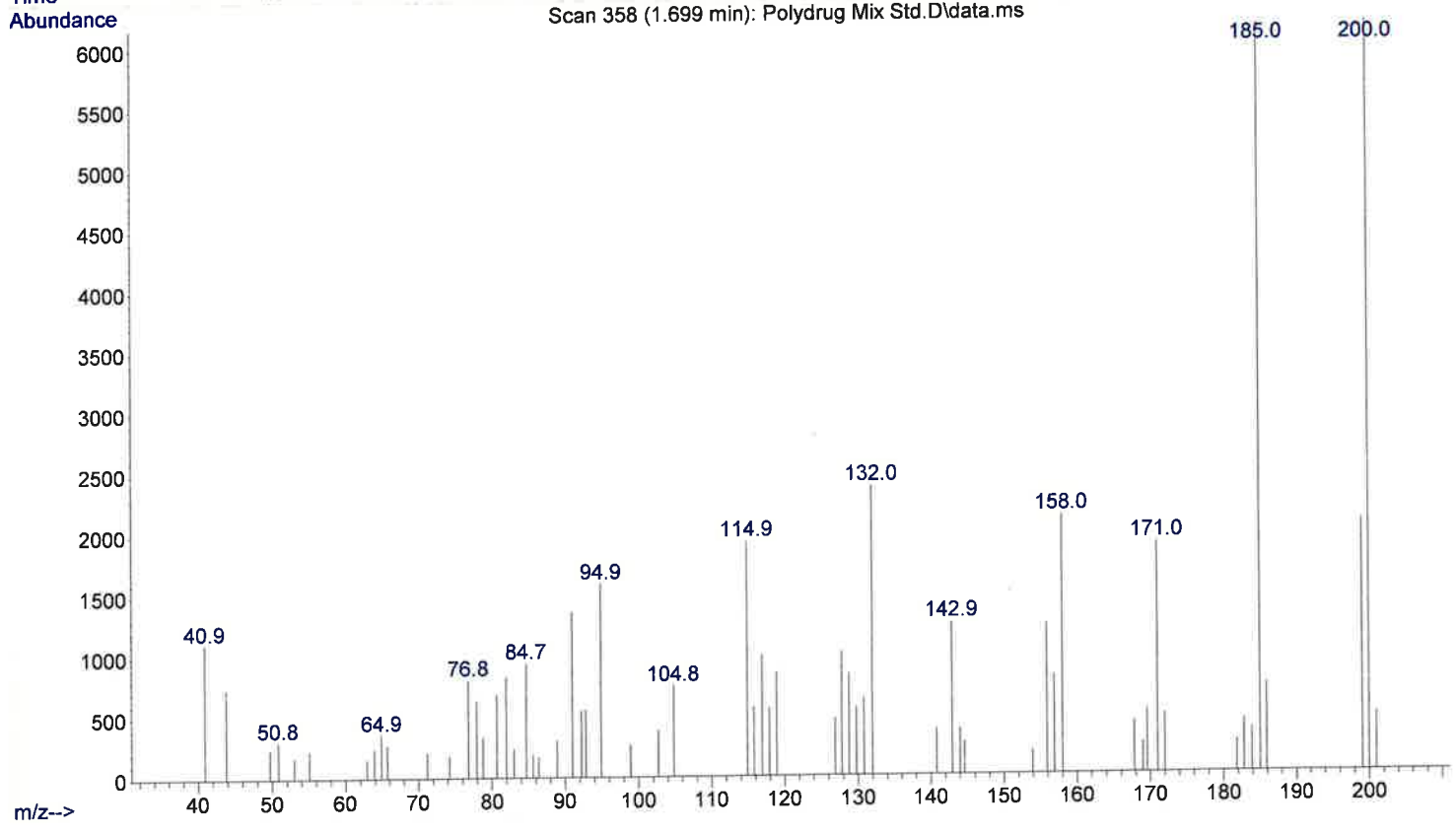
File : H:\Forensic Chemistry\Instruments\GCMS\Quincy\2026\RH\Dual I
... njection 3-31-26\Polydrug Mix Std Blank.D
Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 18:14 using AcqMethod ASMSDRUGS200.M
Sample Name: Polydrug Mix Std Blank
Misc Info : Acetonitrile



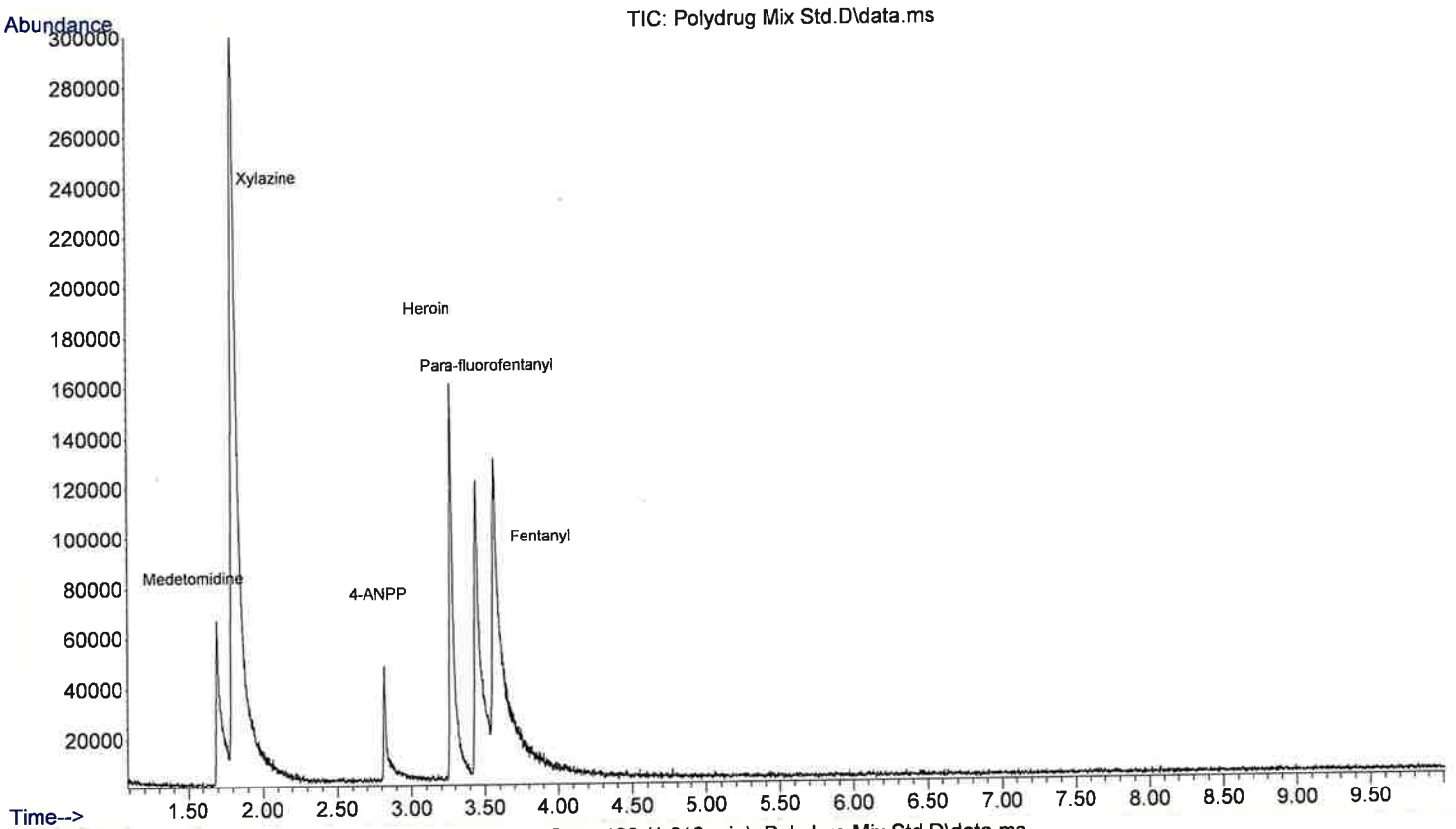


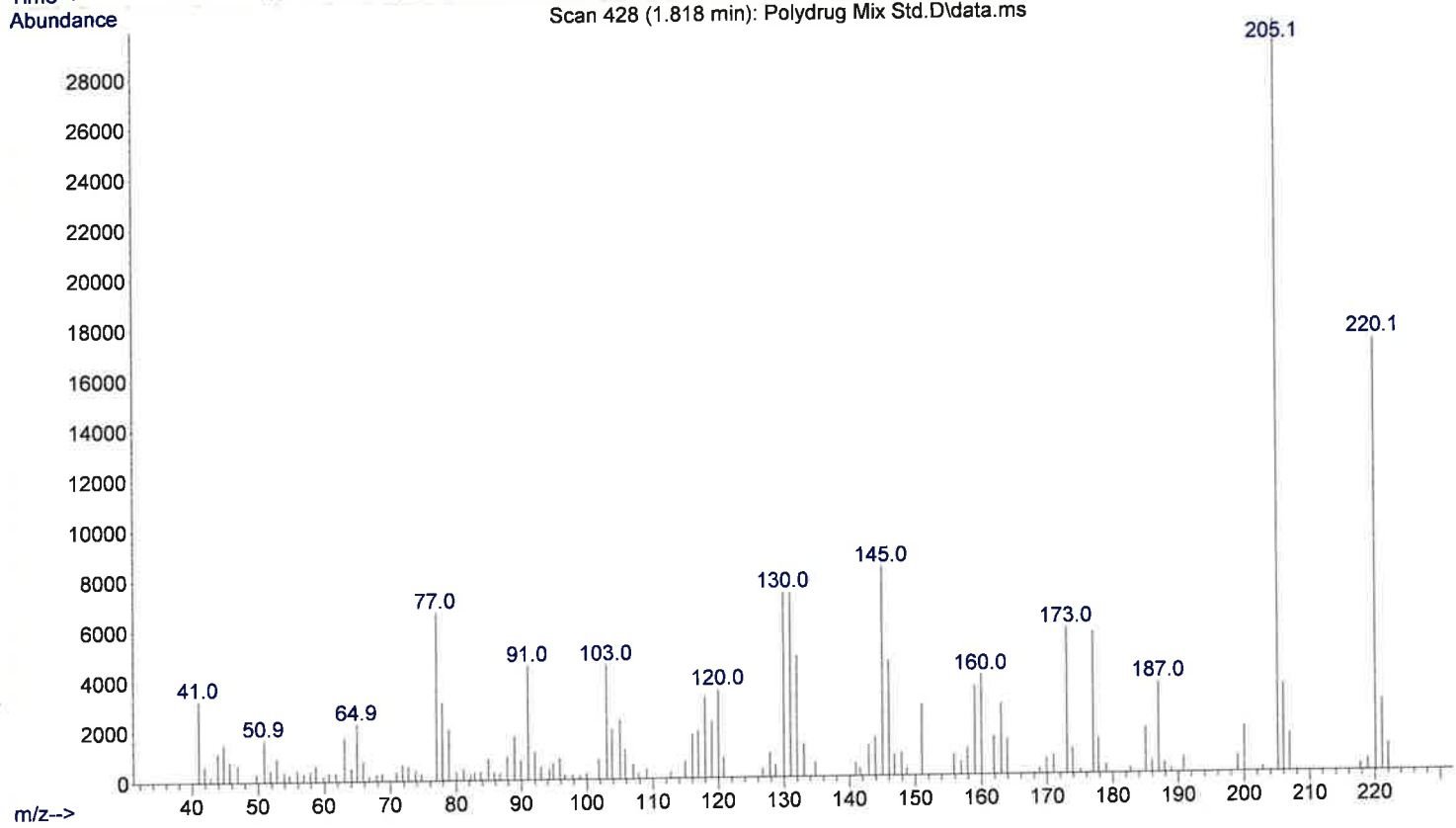
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 18:27 using AcqMethod ASMSDRUGS200.M
Sample Name: Polydrug Mix Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



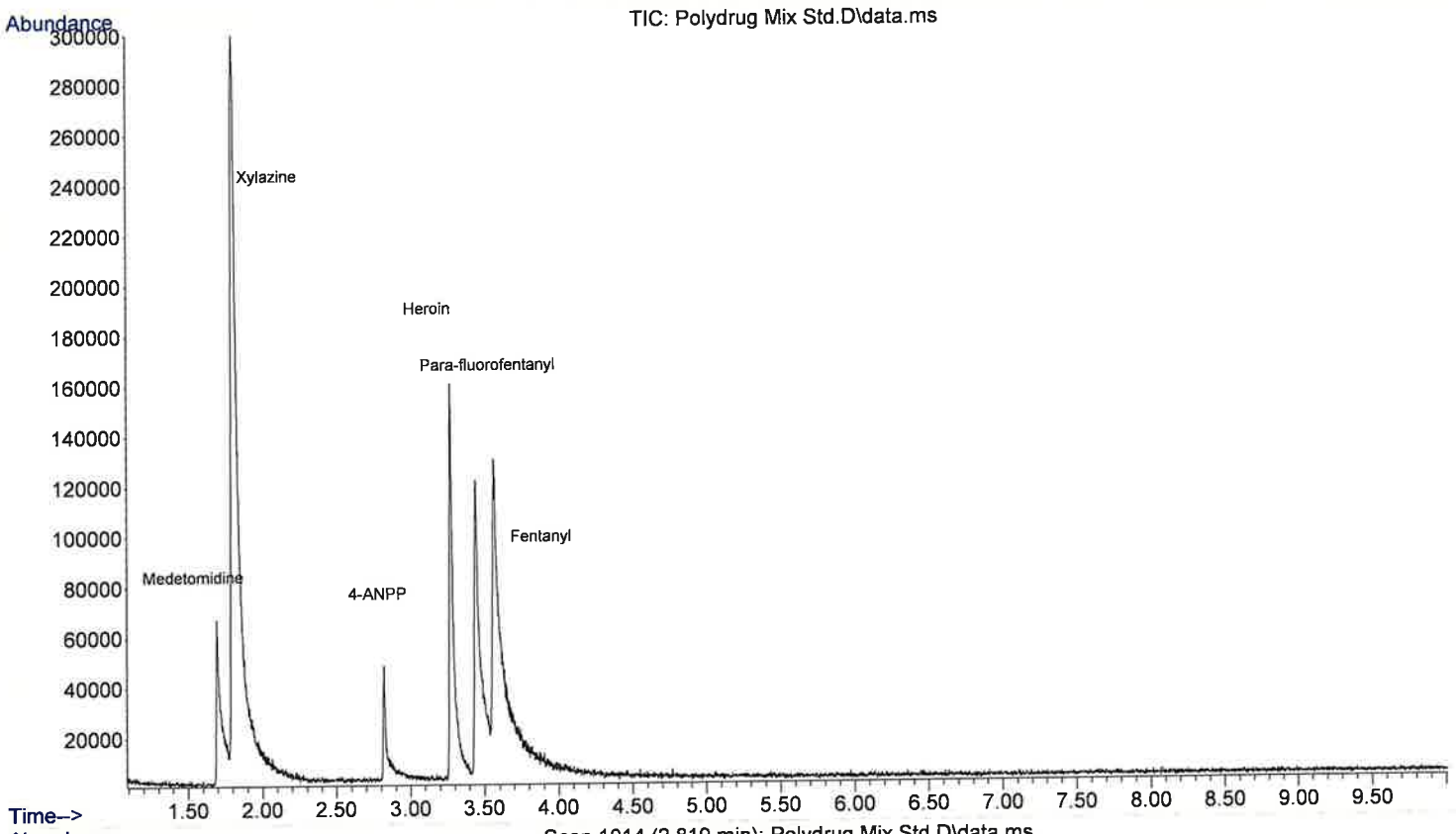


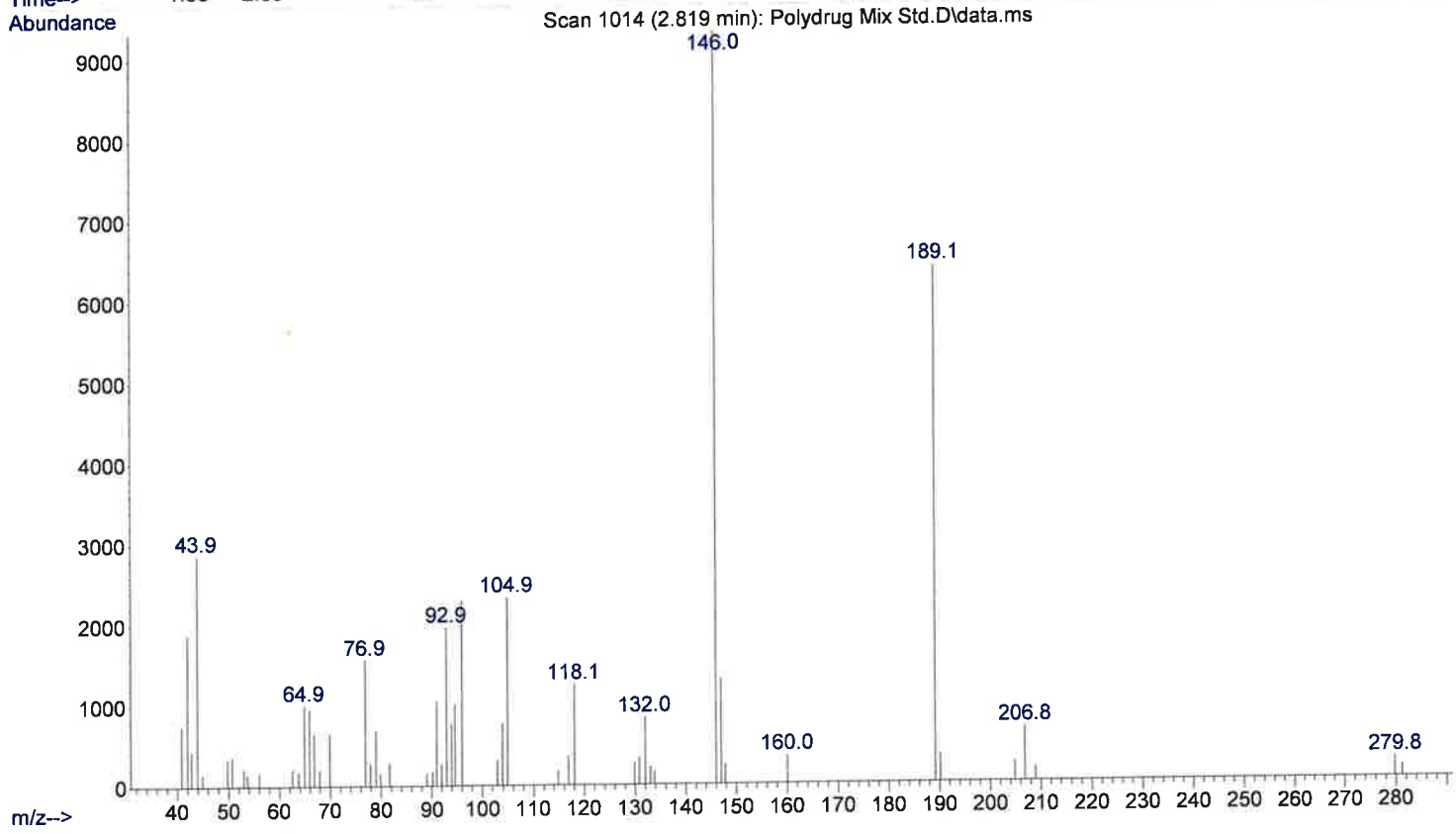
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Operator : RH
Instrument : Quincy
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Sample Name: Polydrug Mix Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



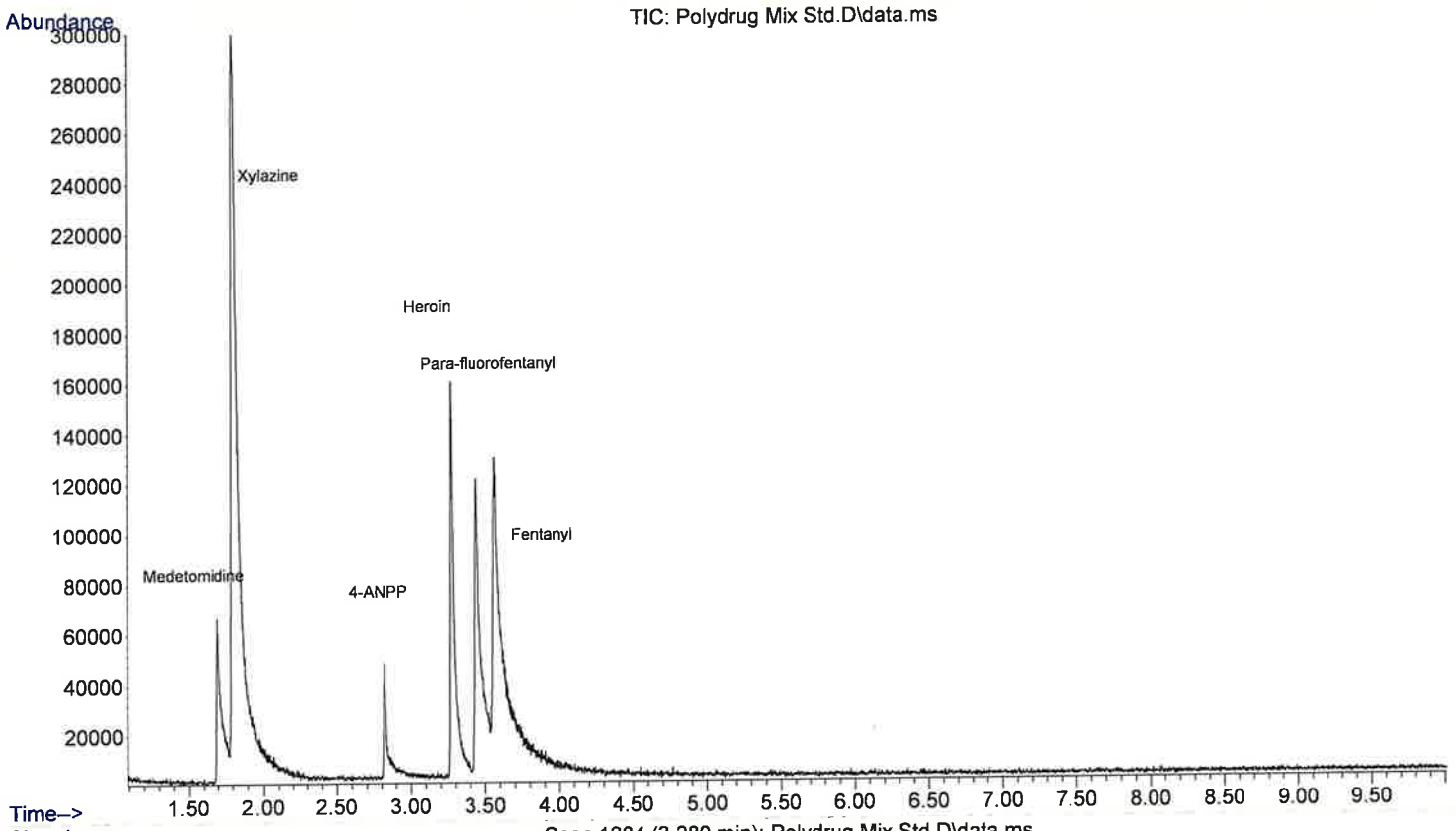


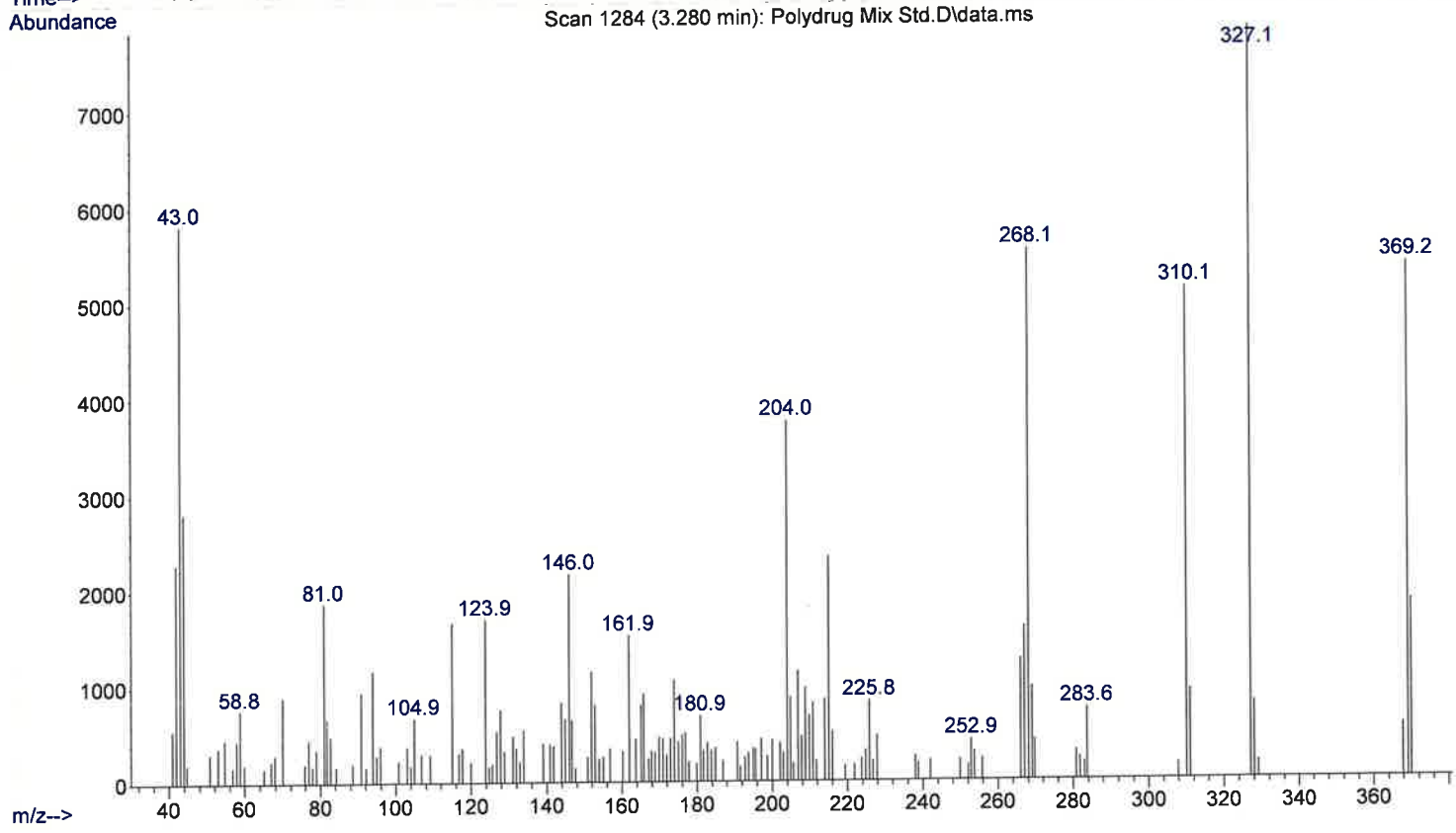
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 18:27 using AcqMethod ASMSDRUGS200.M
Sample Name: Polydrug Mix Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



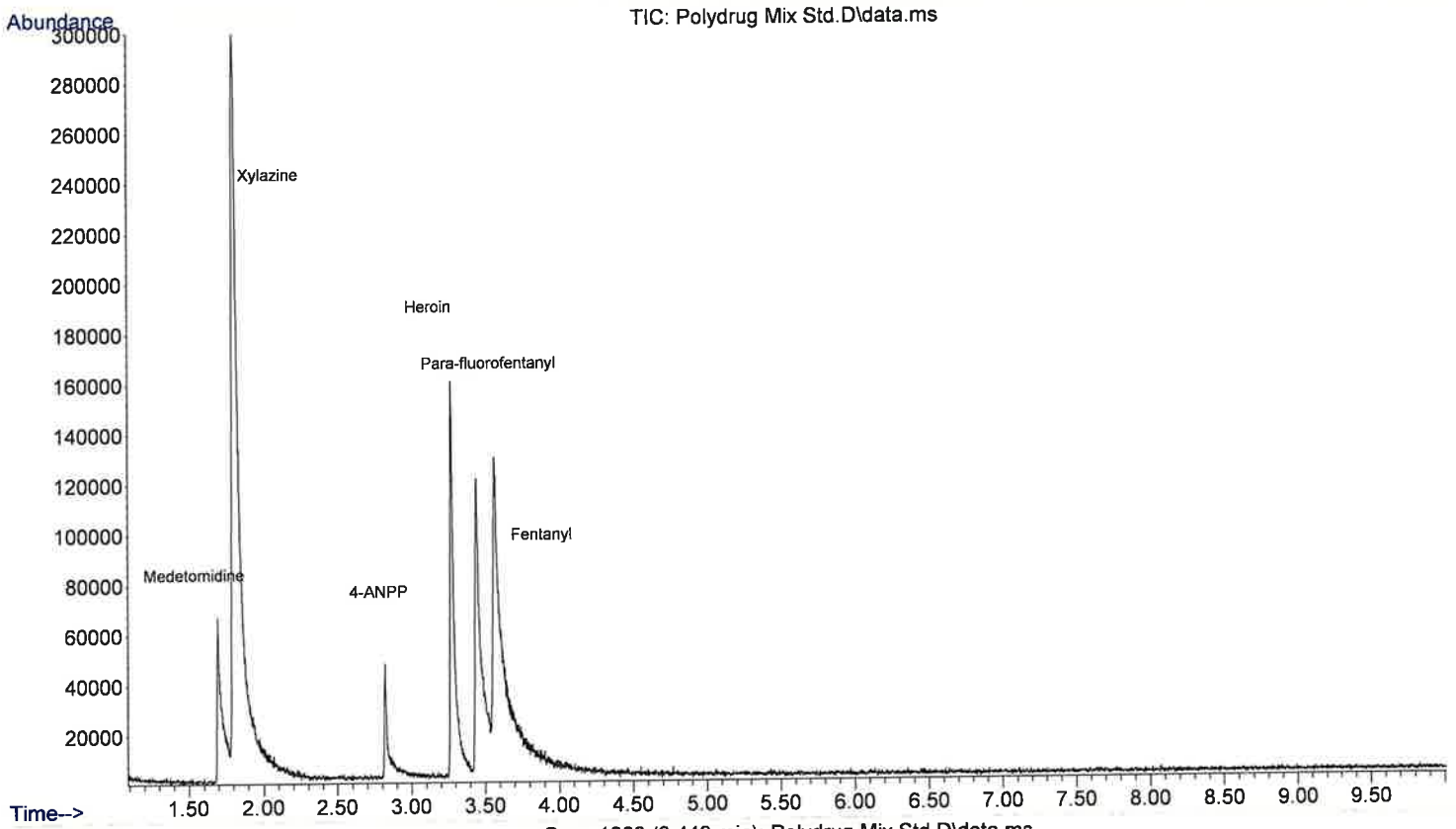


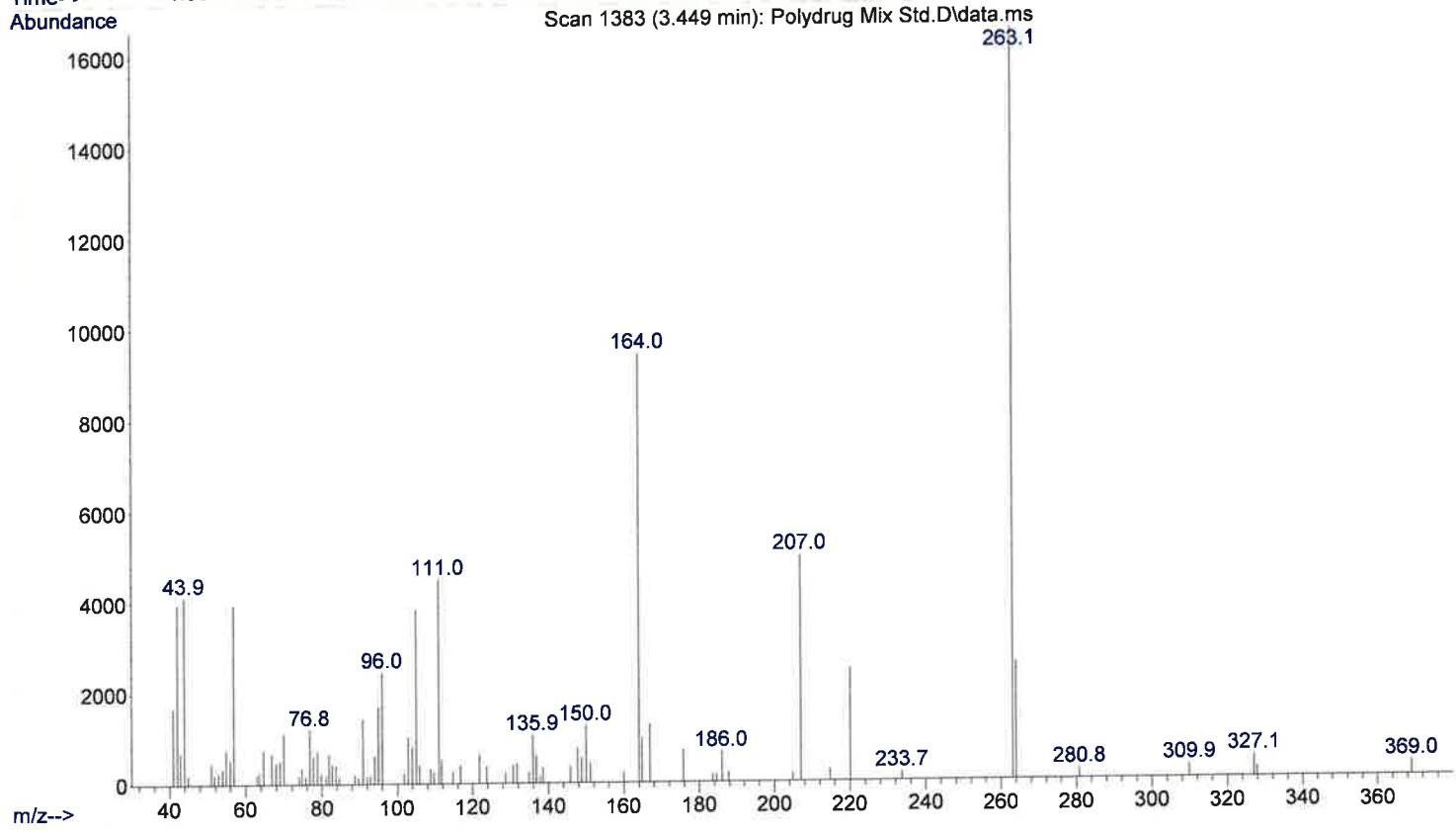
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 18:27 using AcqMethod ASMSDRUGS200.M
Sample Name: Polydrug Mix Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



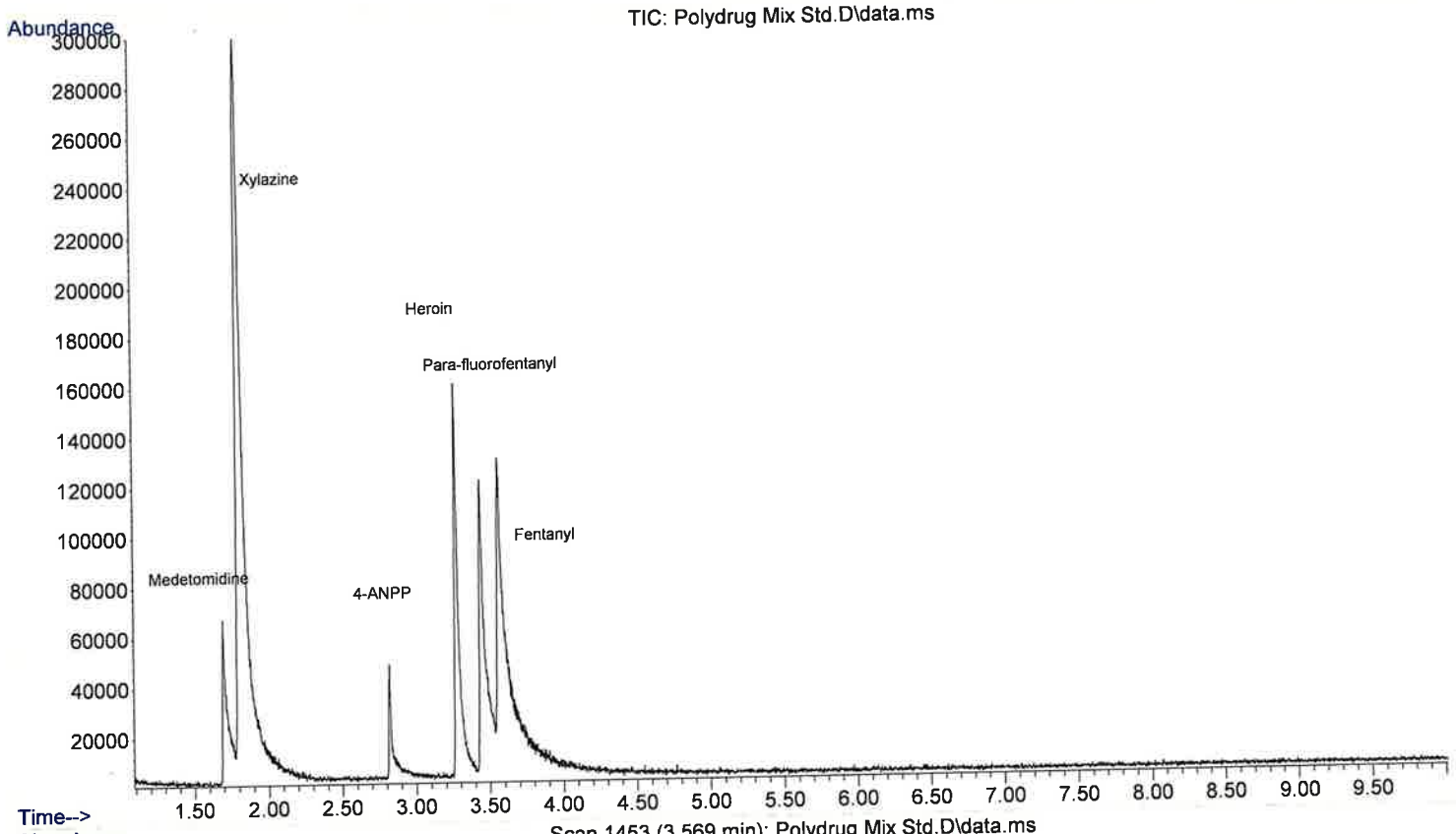


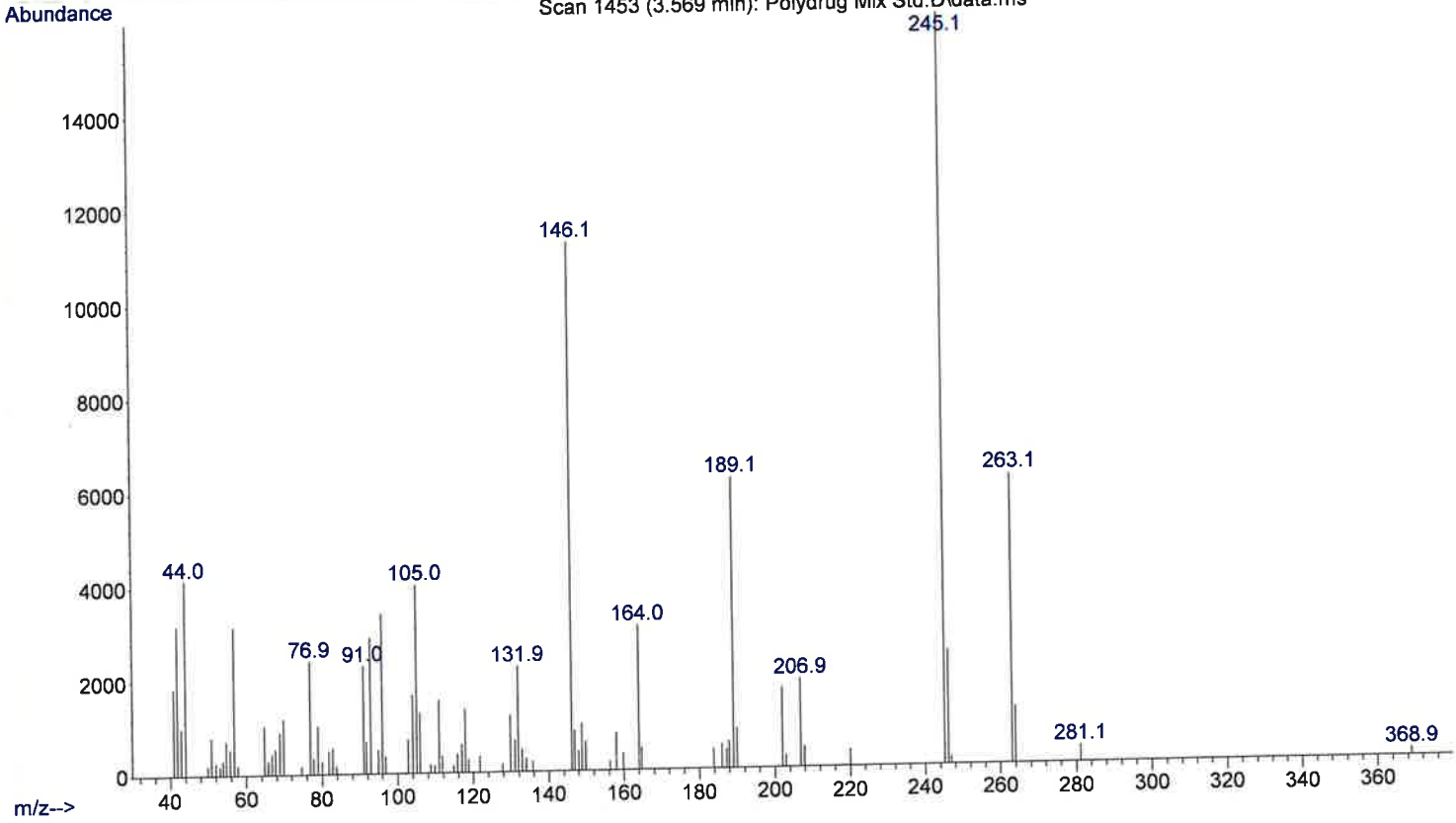
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Operator : RH
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Sample Name: Polydrug Mix Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



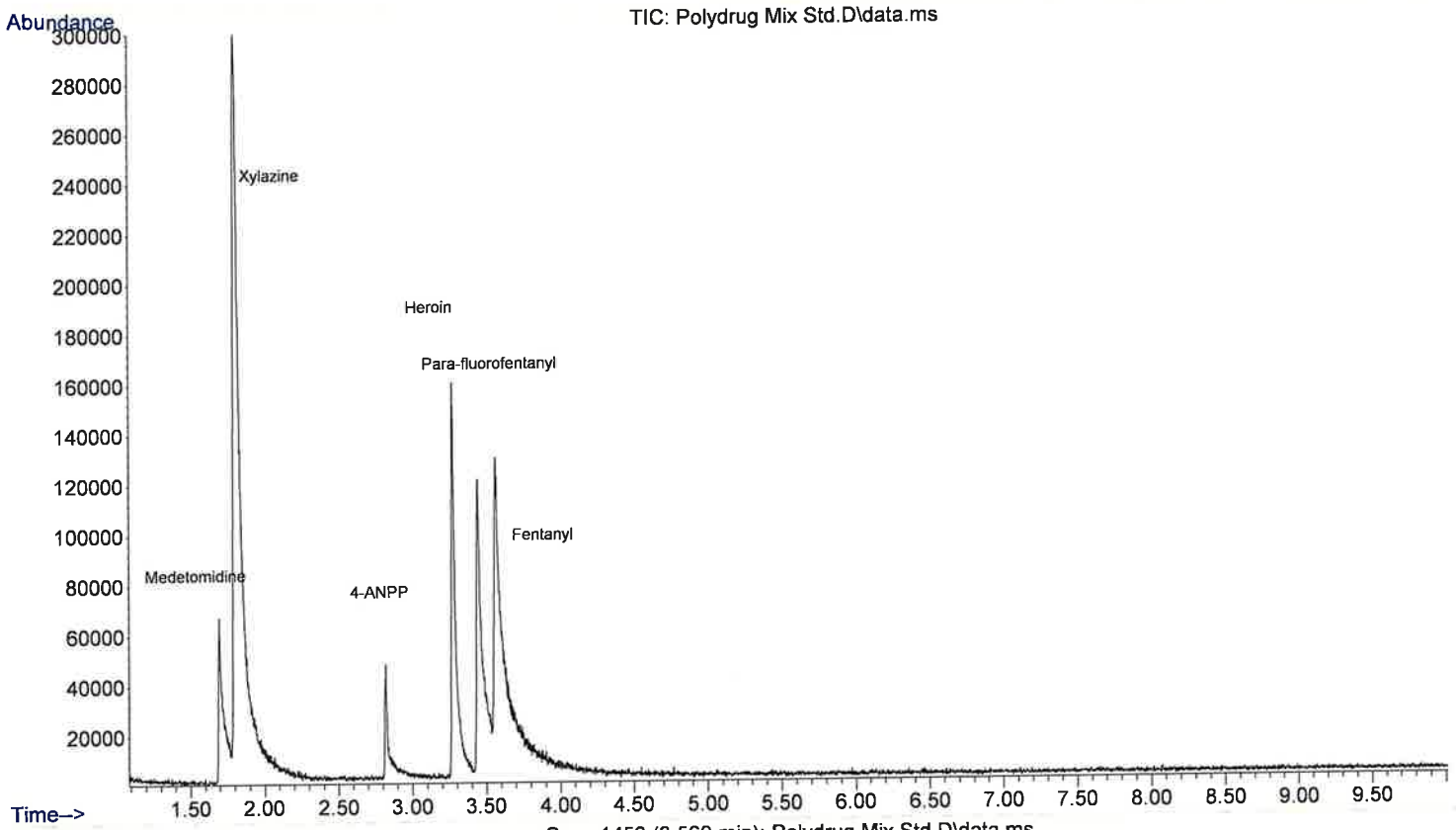


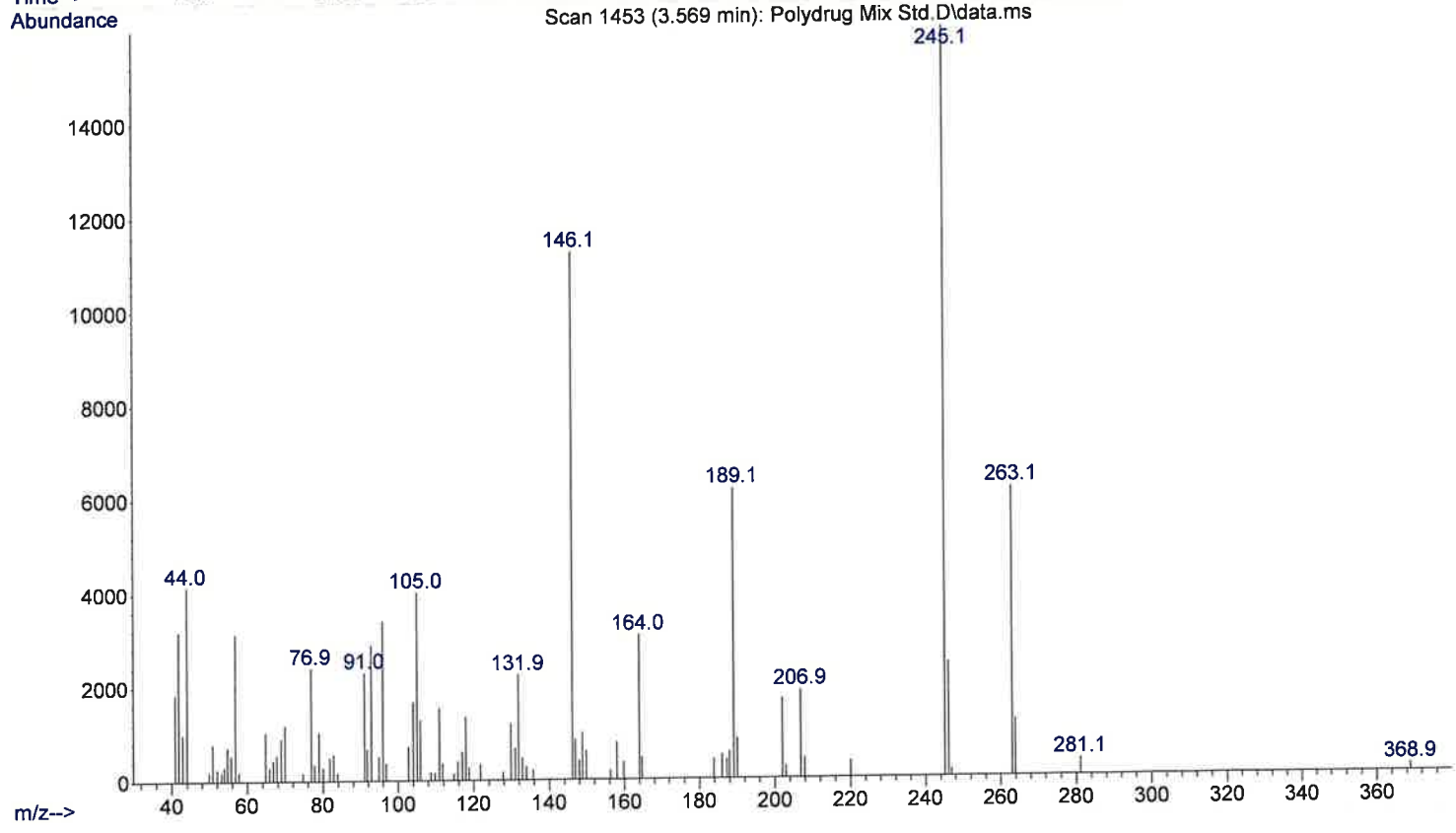
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Operator : RH
Instrument : Quincy
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Sample Name: Polydrug Mix Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



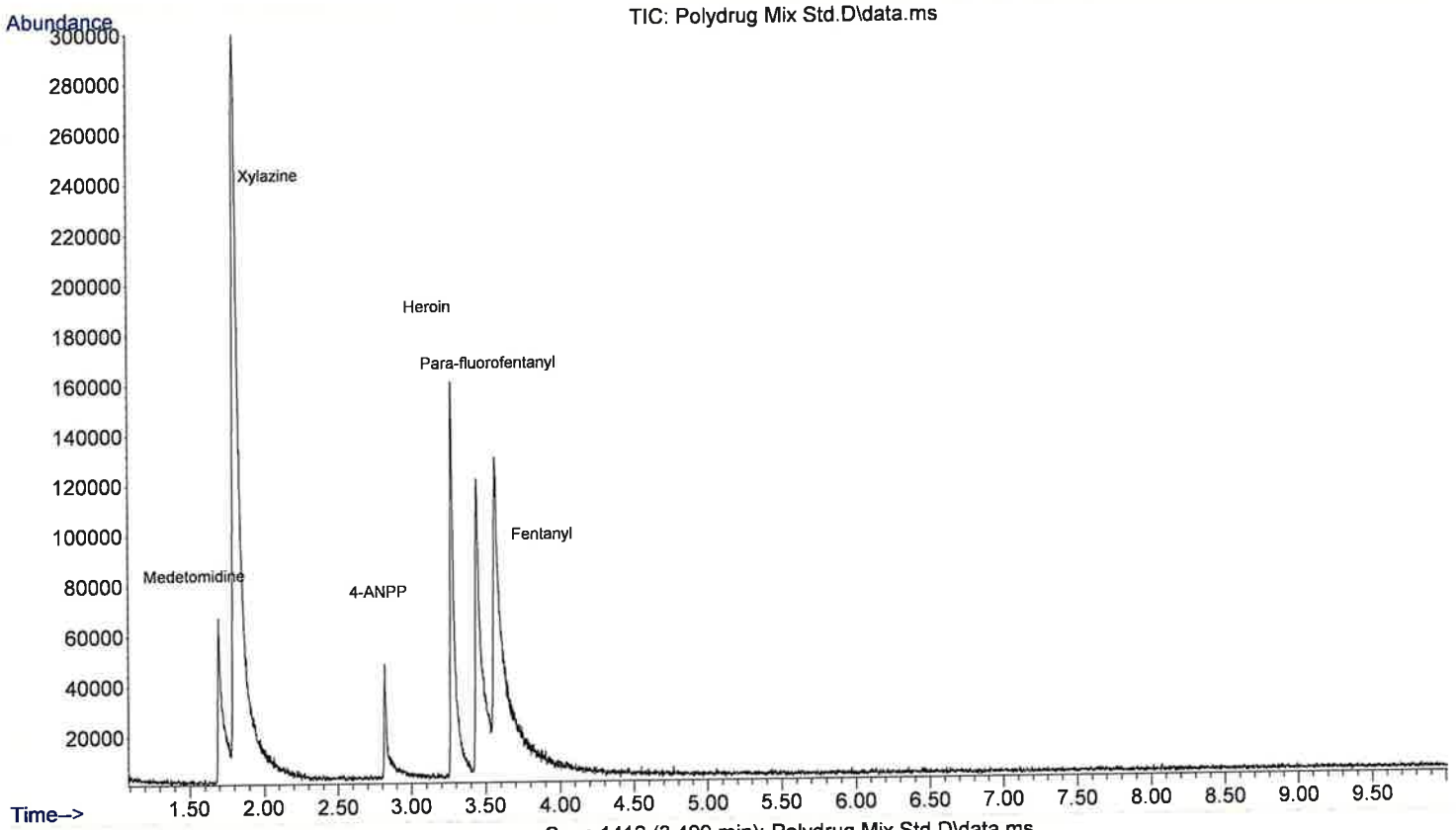


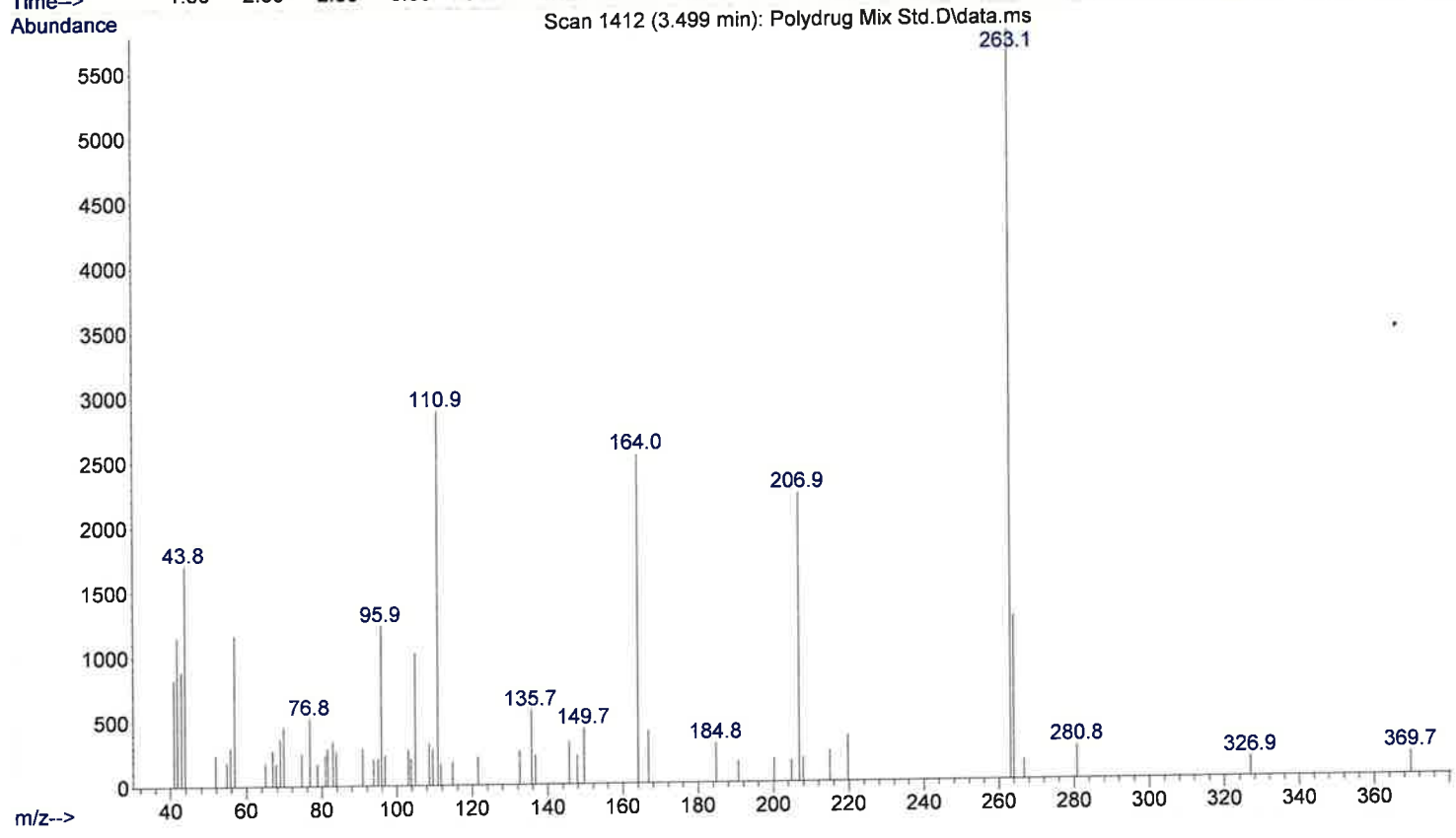
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 18:27 using AcqMethod ASMSDRUGS200.M
Sample Name: Polydrug Mix Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



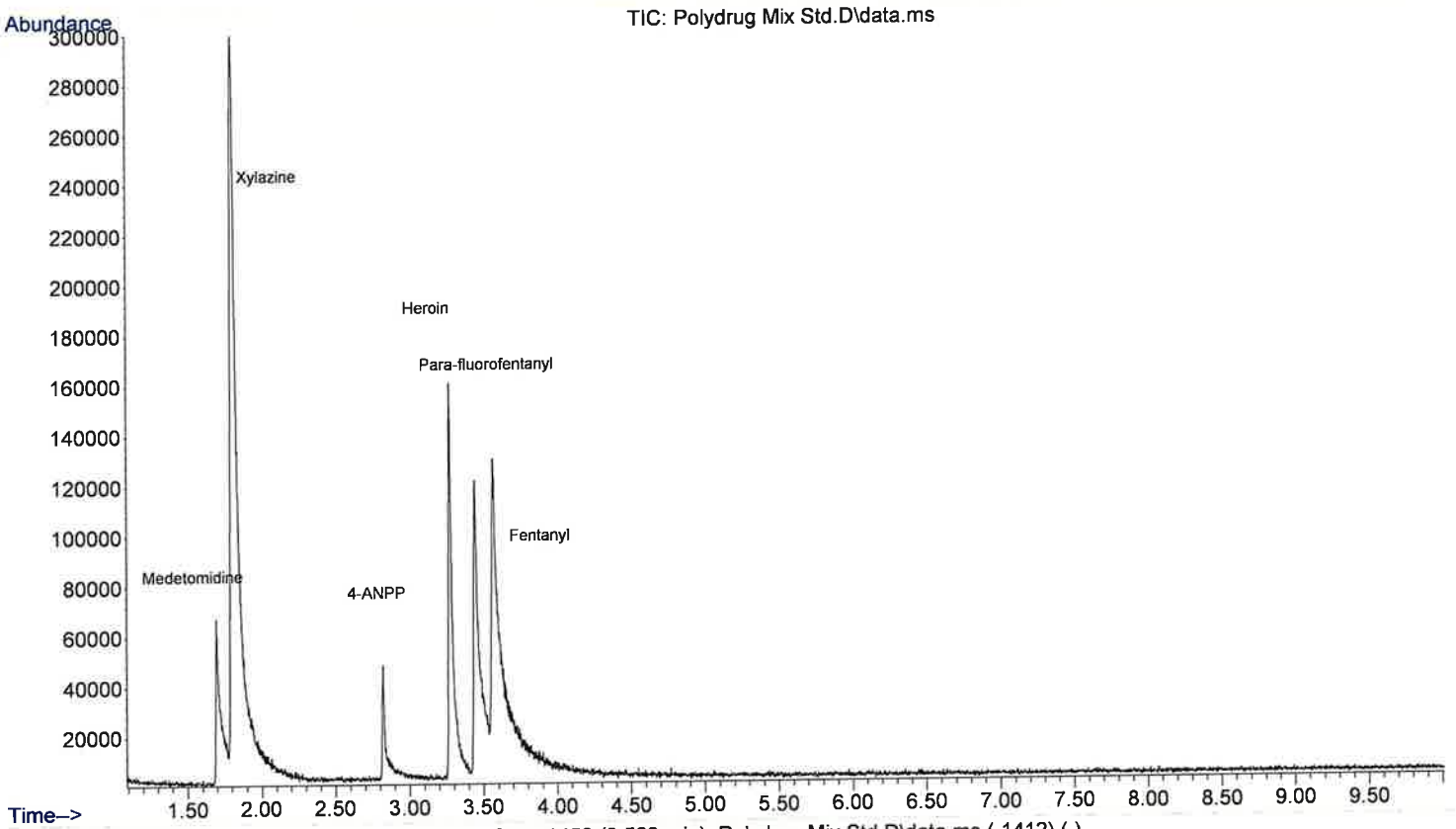


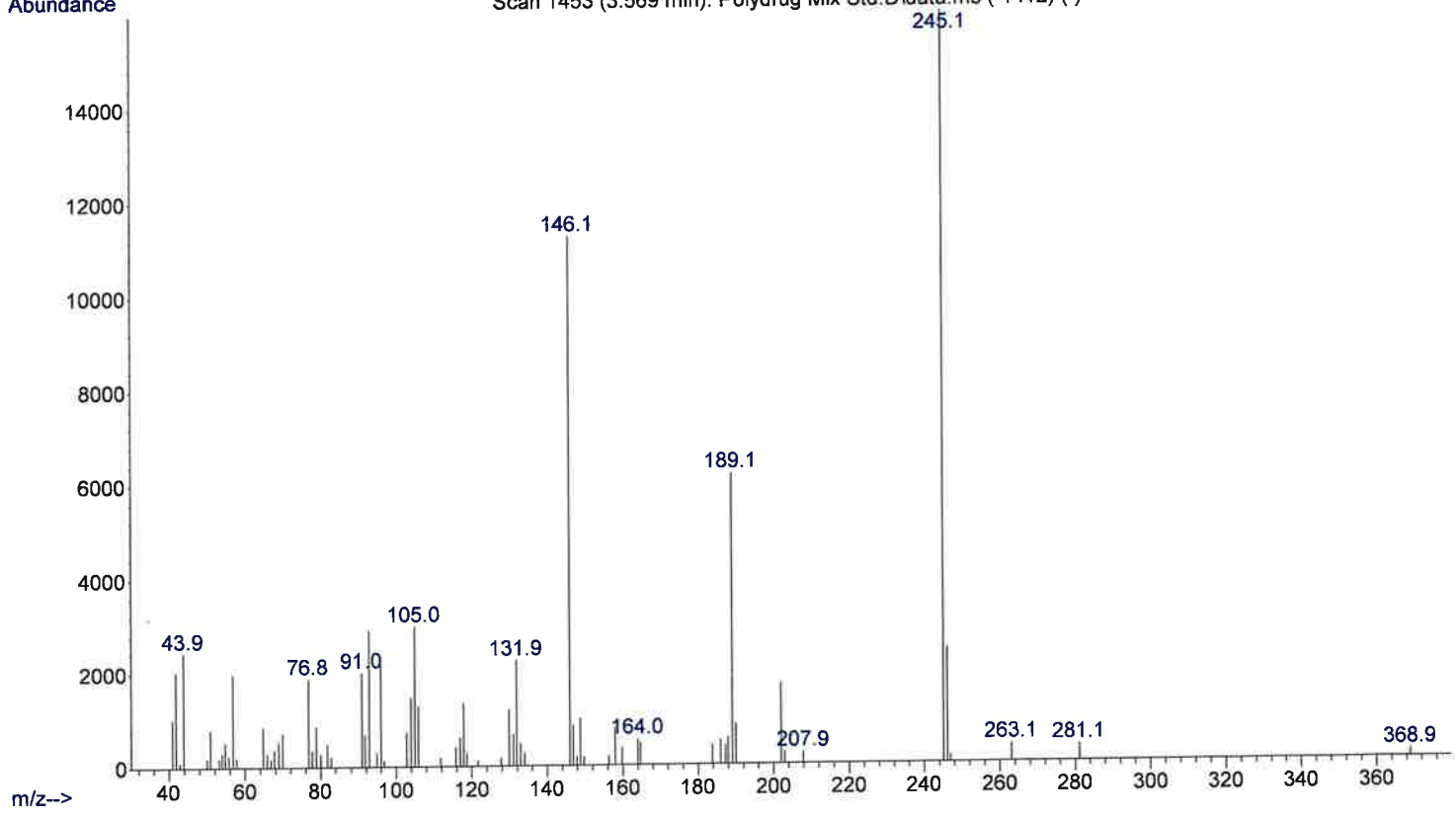
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 18:27 using AcqMethod ASMSDRUGS200.M
Sample Name: Polydrug Mix Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



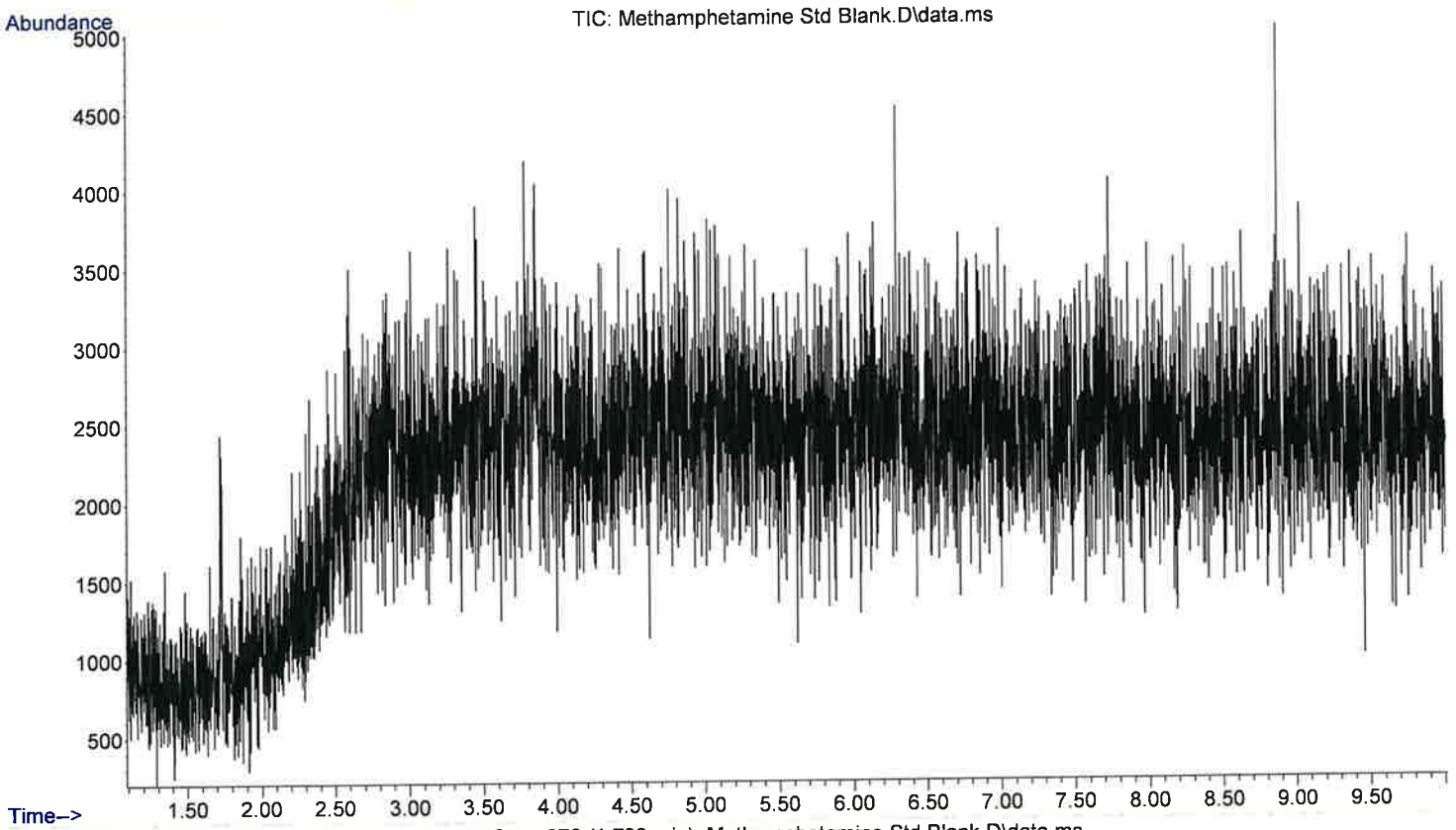


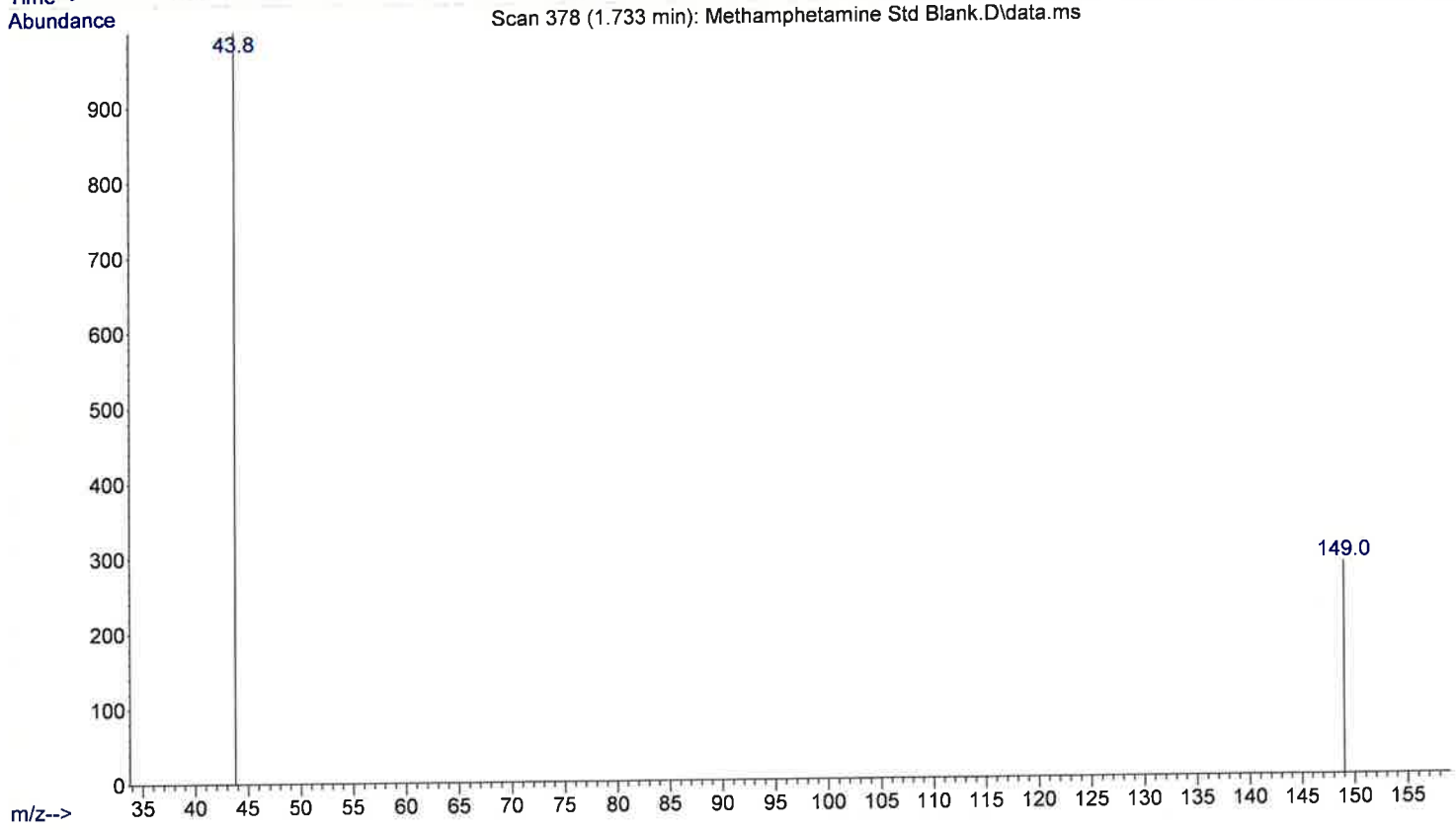
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 18:27 using AcqMethod ASMSDRUGS200.M
Sample Name: Polydrug Mix Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED





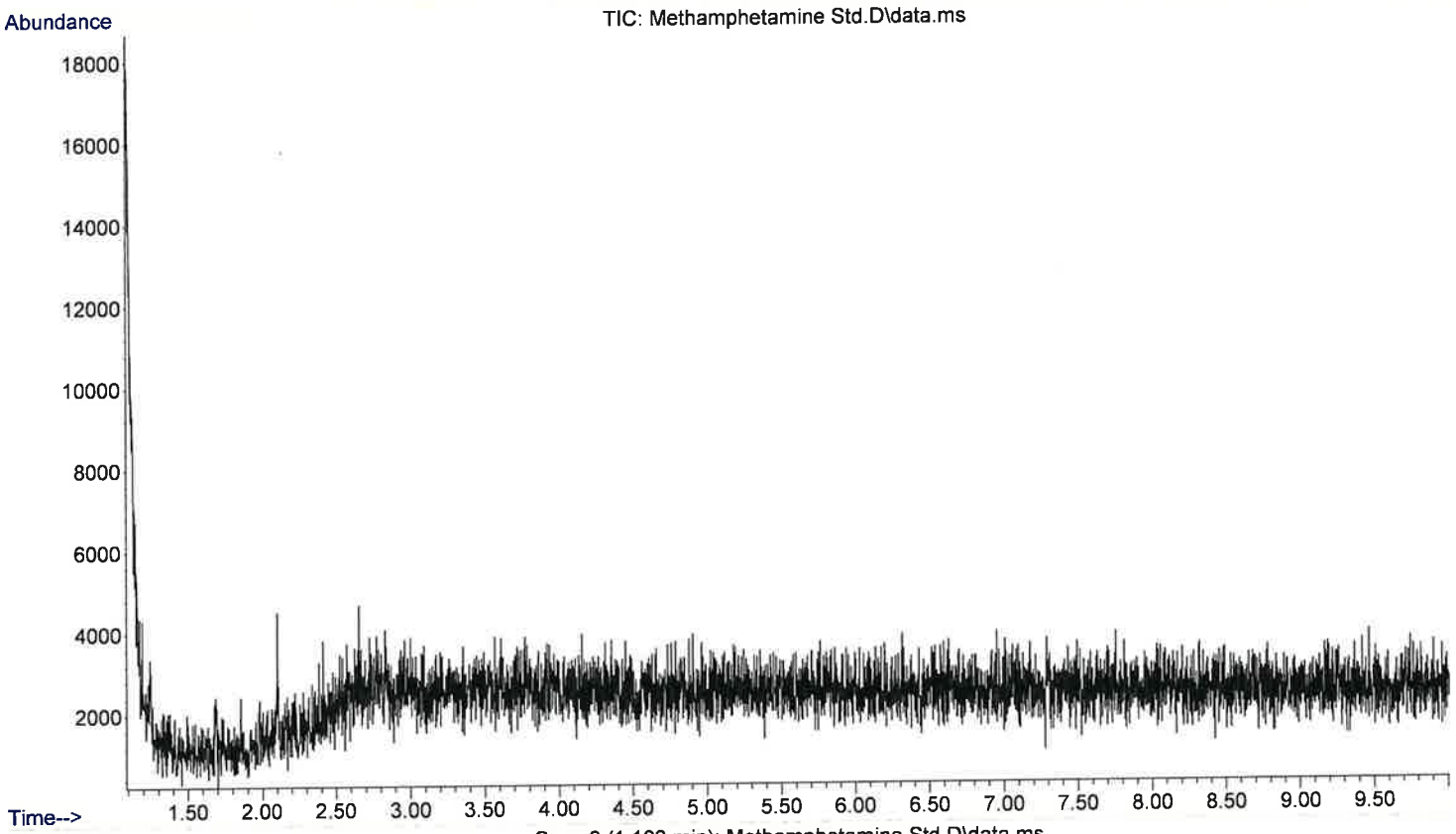
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Instrument : Quincy
Acquired : 31 Mar 2026 15:47 using AcqMethod ASMSDRUGS200.M
Sample Name: Methamphetamine Std Blank
Misc Info : Meoh

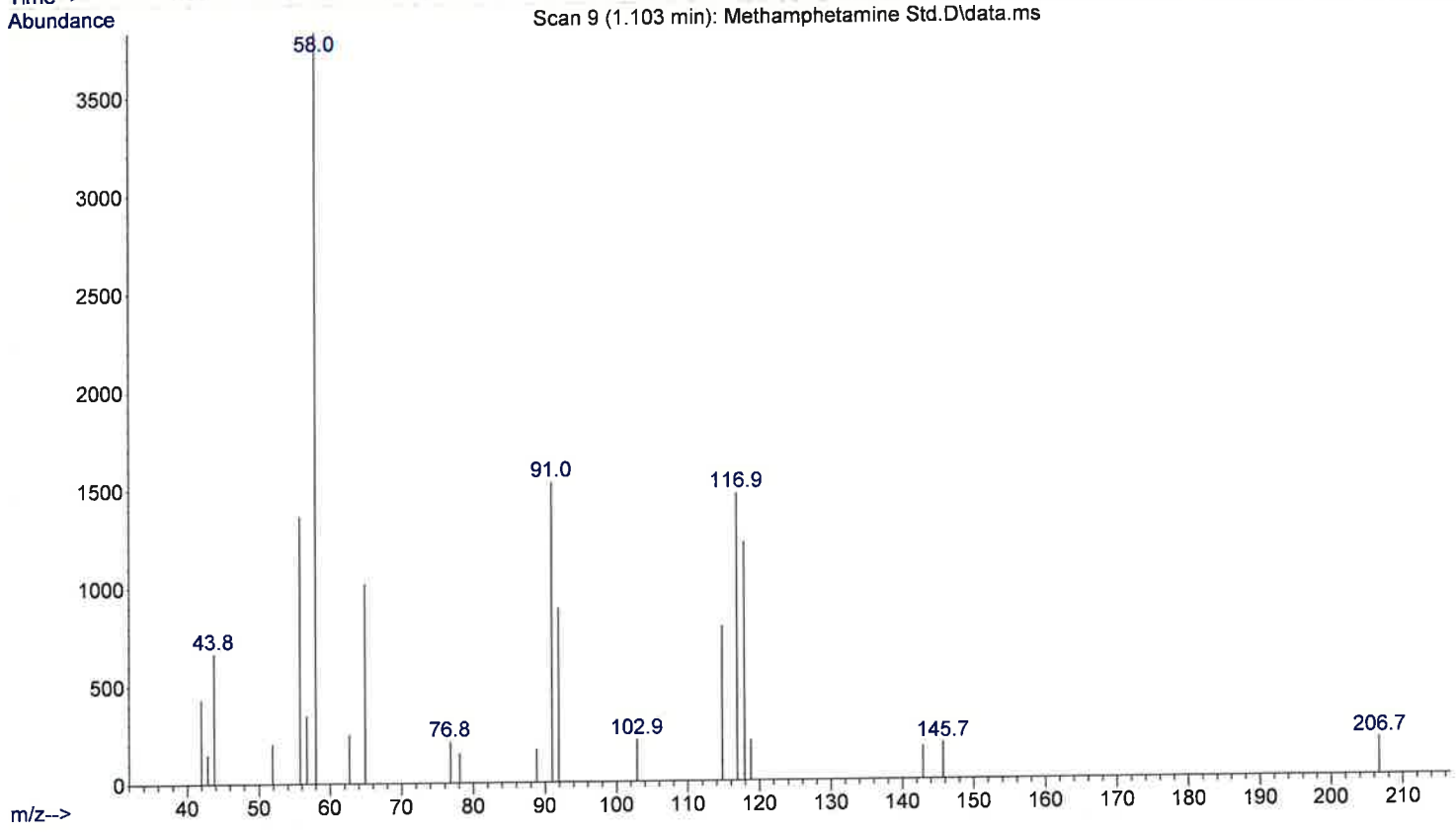




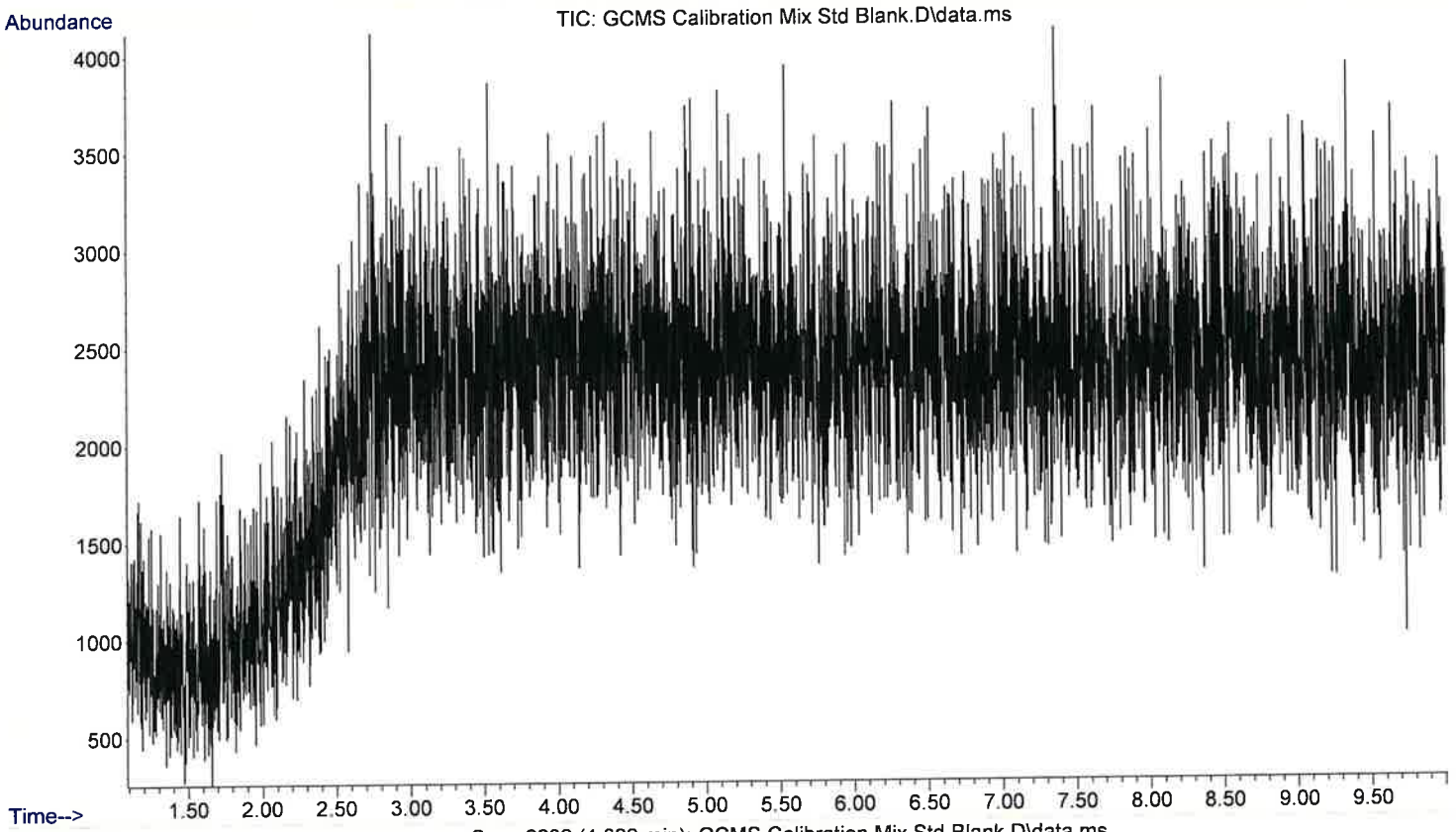
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Operator : RH
Instrument : Quincy
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Sample Name: Methamphetamine Std
Misc Info : Meoh,Cerilliant,LotFE006022204,Exp12-31-27

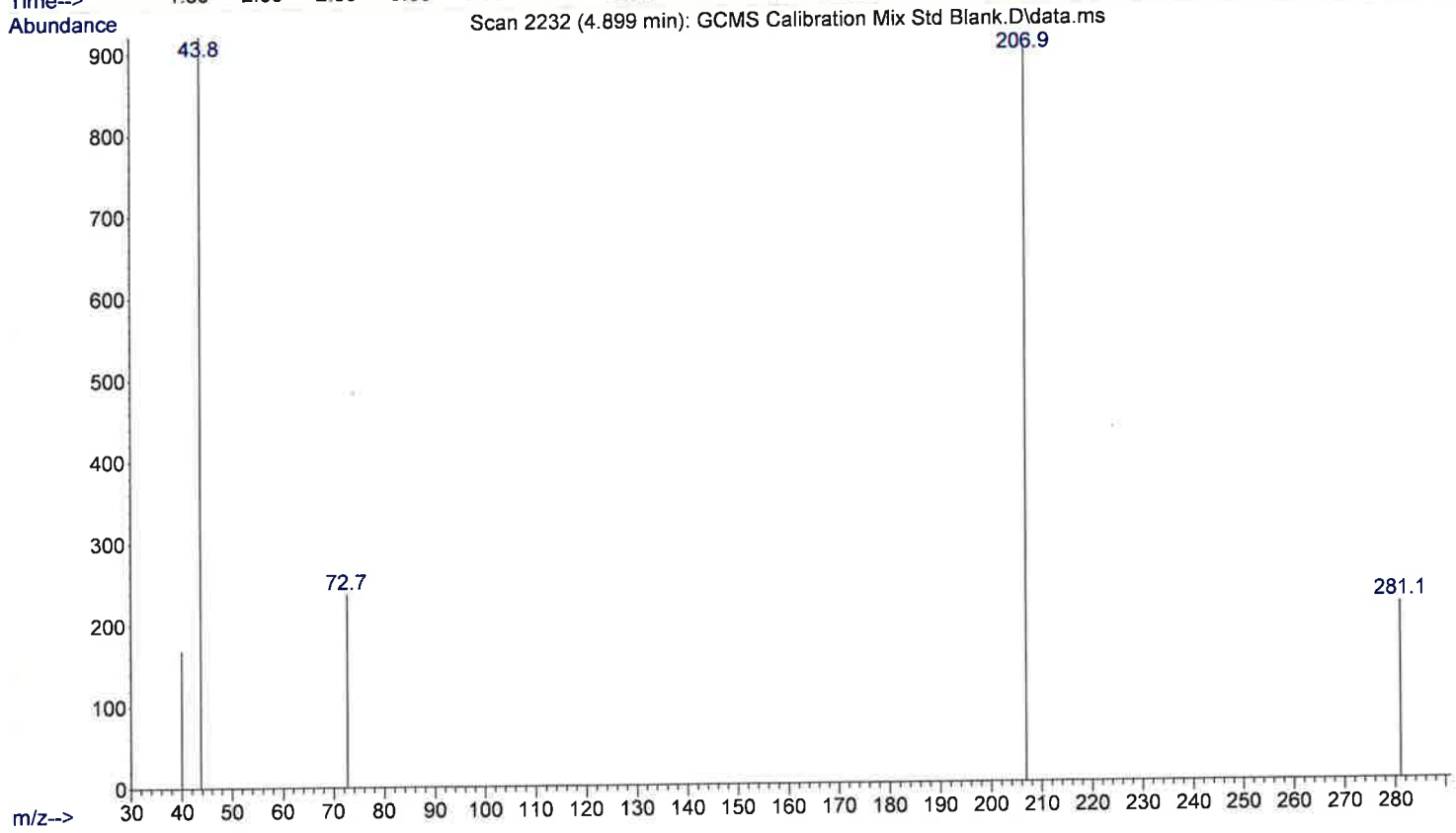
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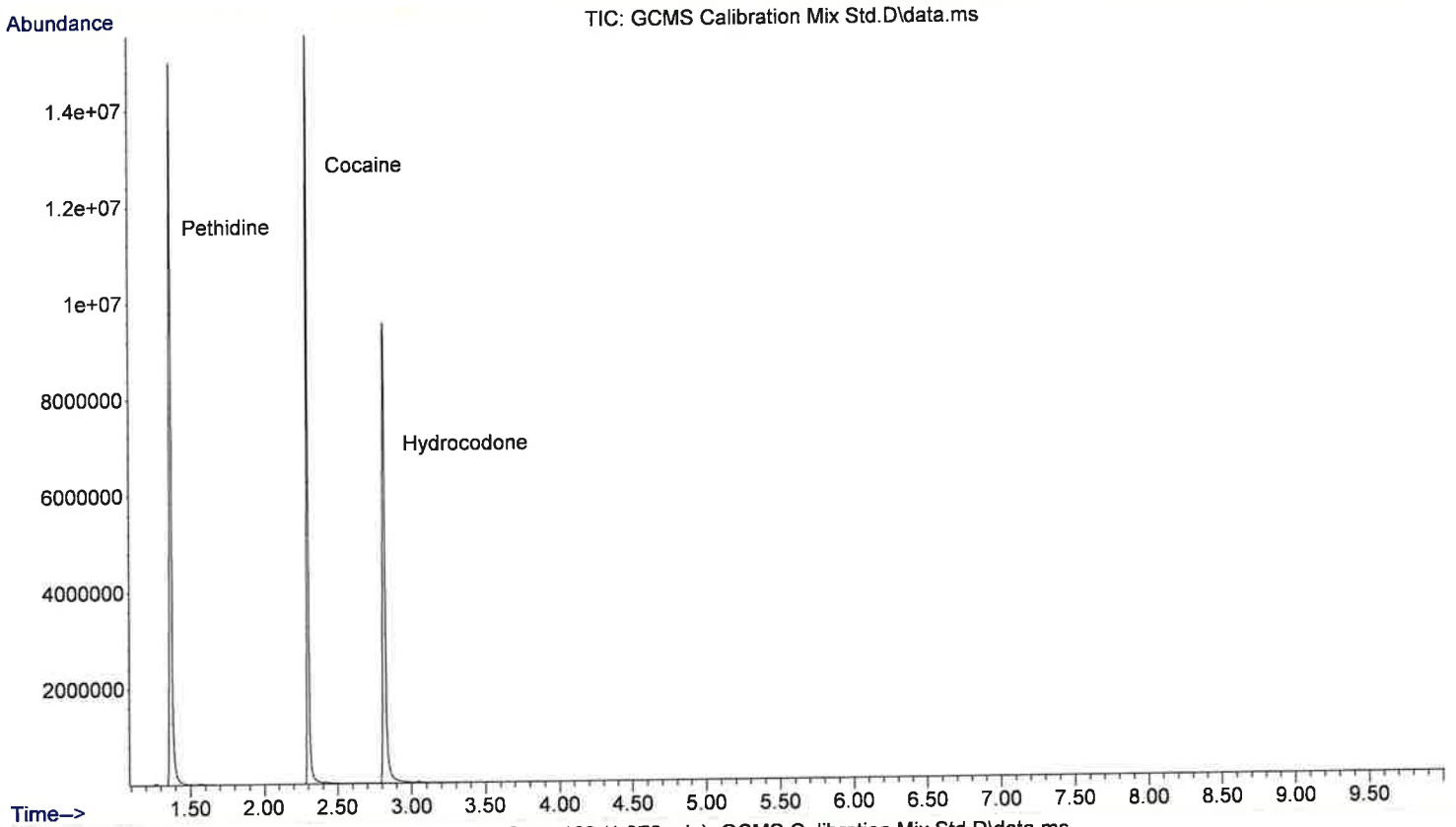


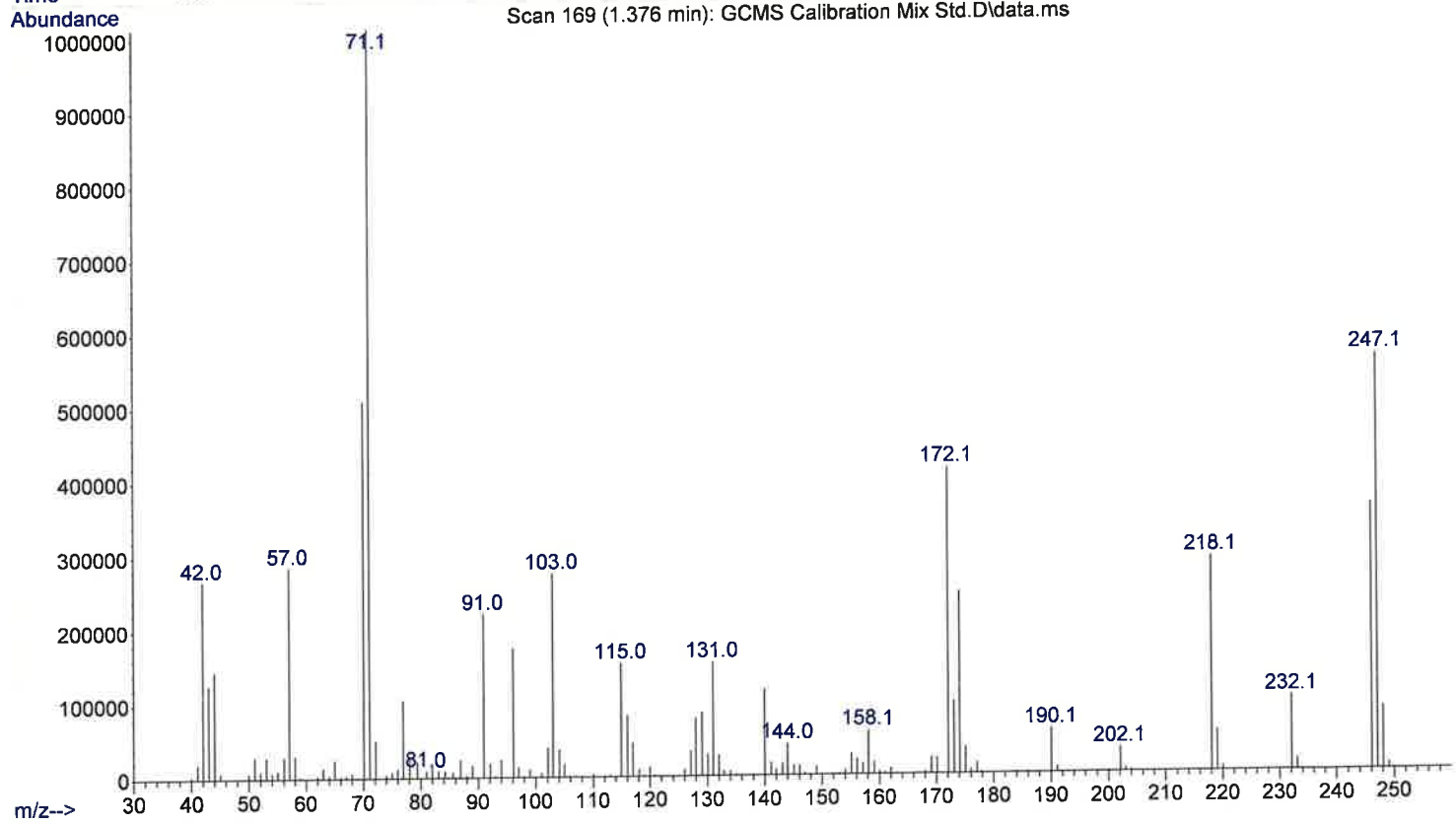
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Acquired : 31 Mar 2026 16:23 using AcqMethod ASMSDRUGS200.M
Sample Name: GCMS Calibration Mix Std Blank
Misc Info : Meoh



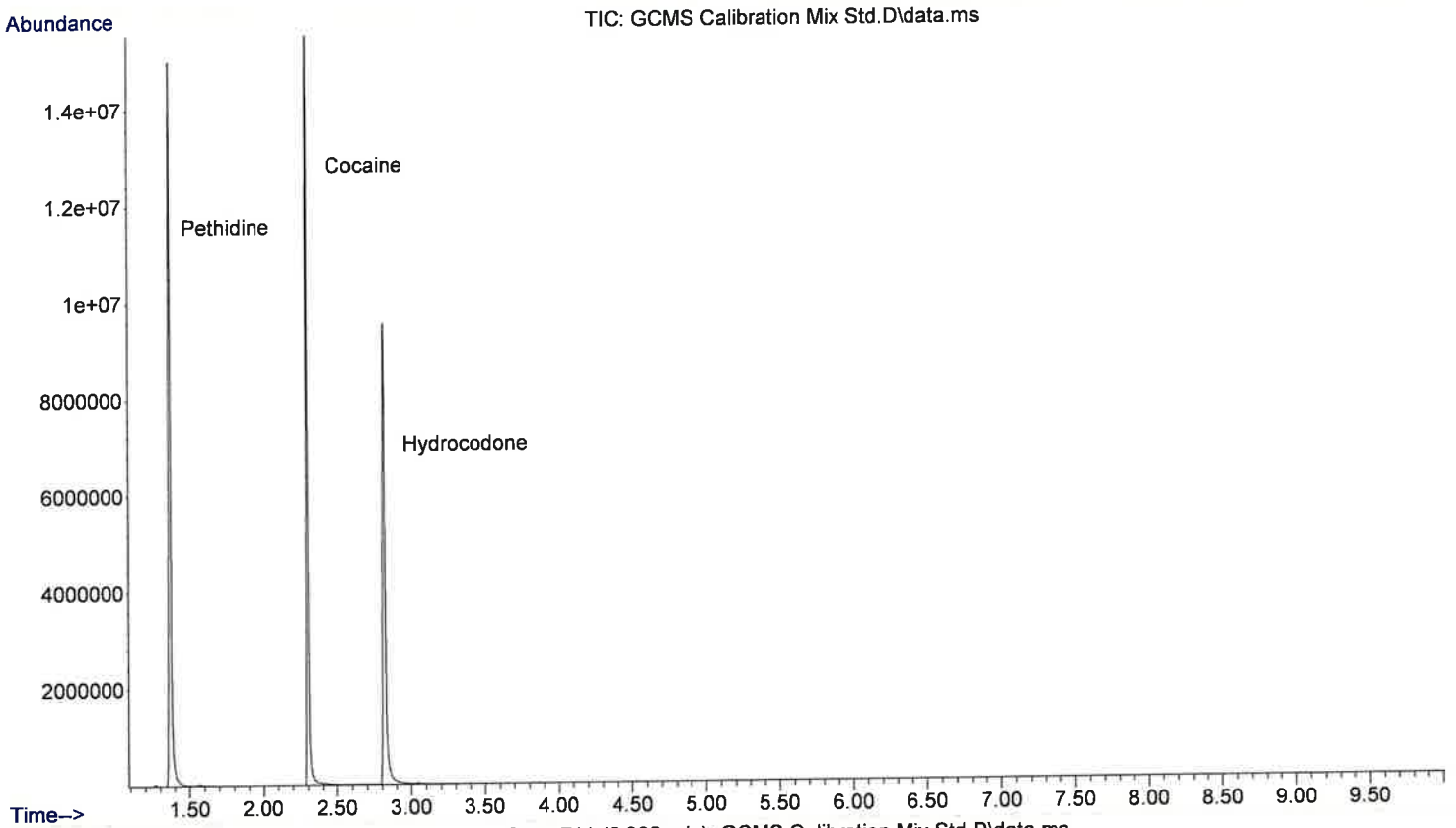


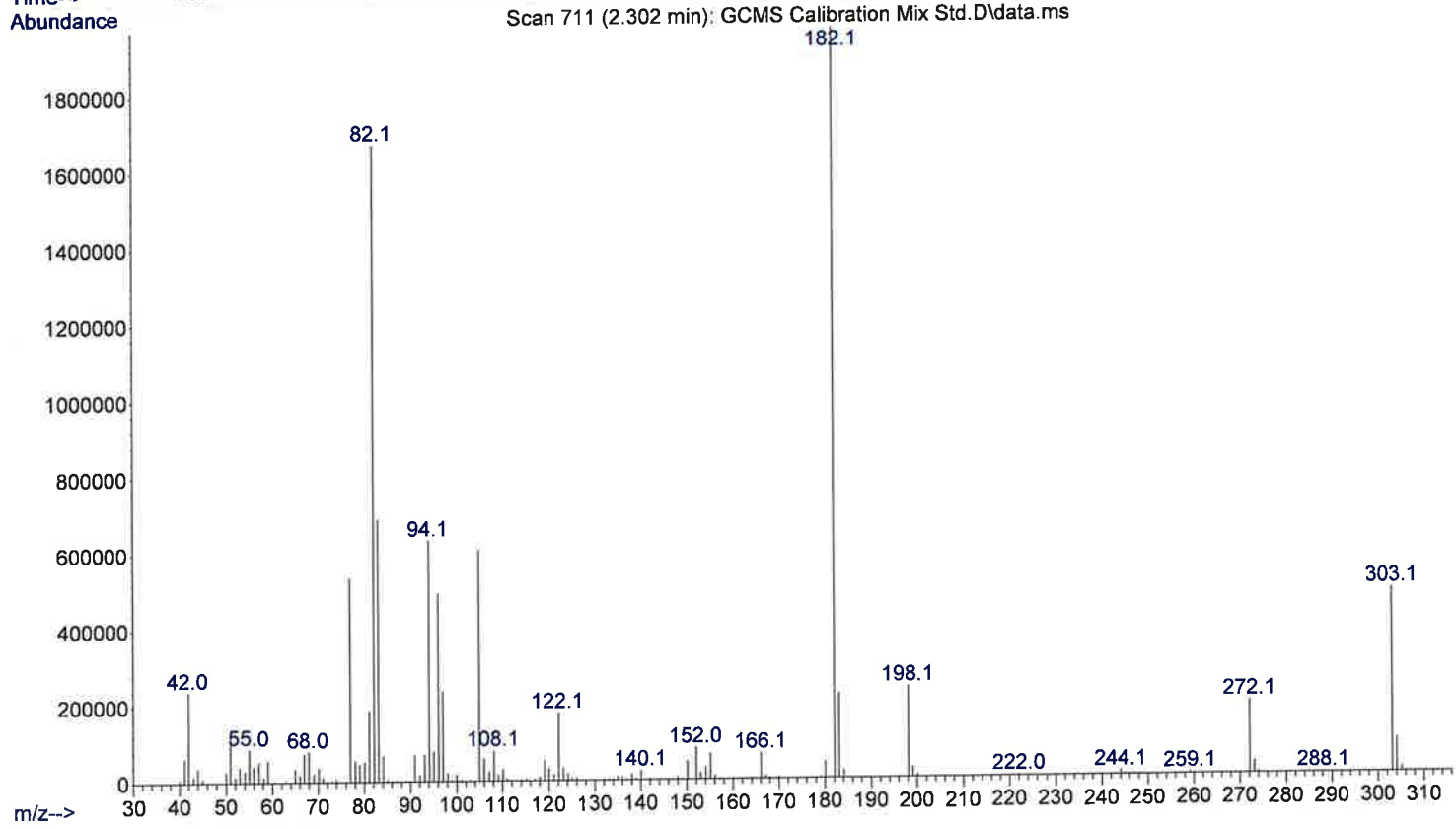
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Instrument : Quincy
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Sample Name: GCMS Calibration Mix Std
Misc Info : Meoh,Exp 03-06-27



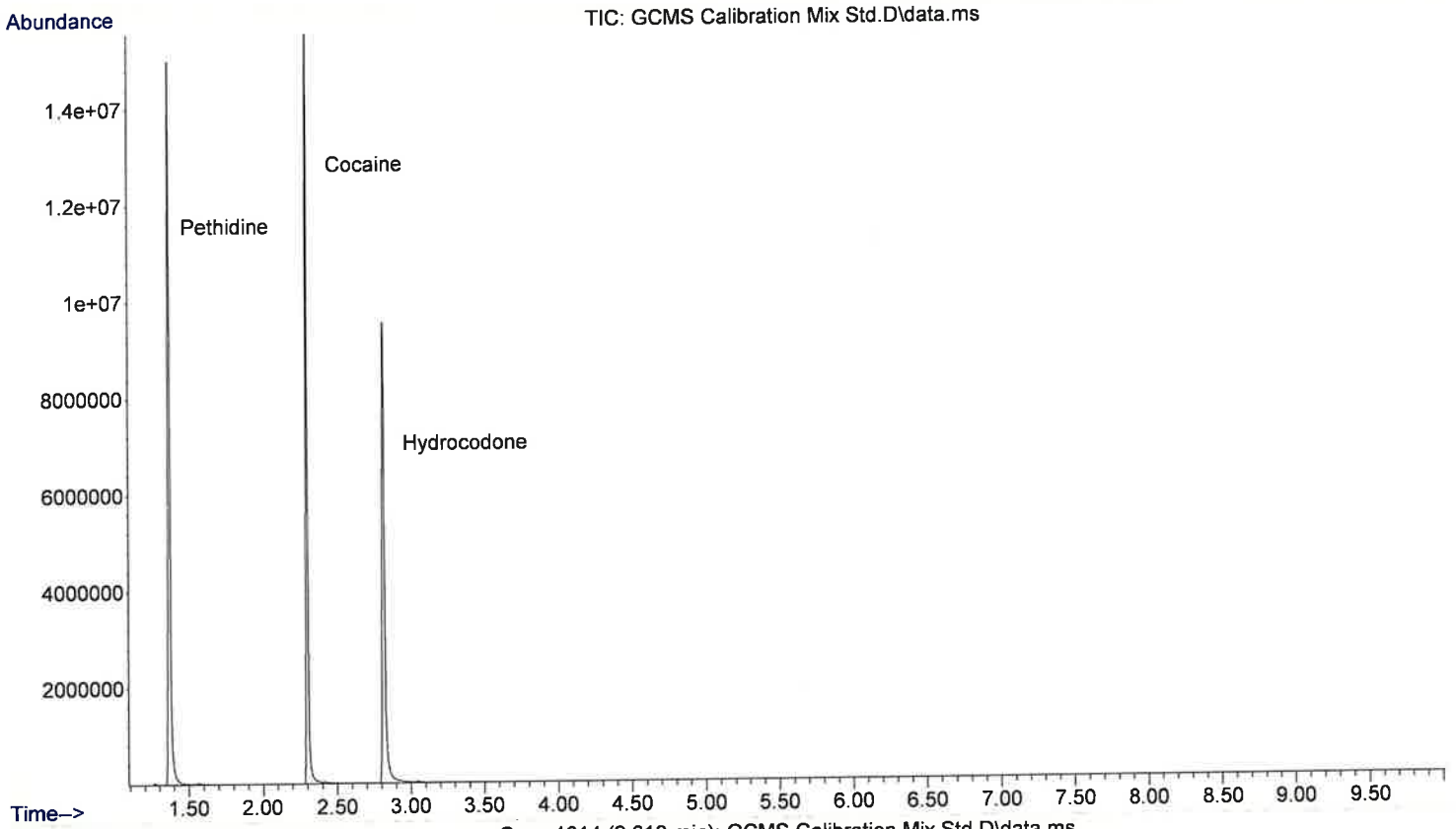


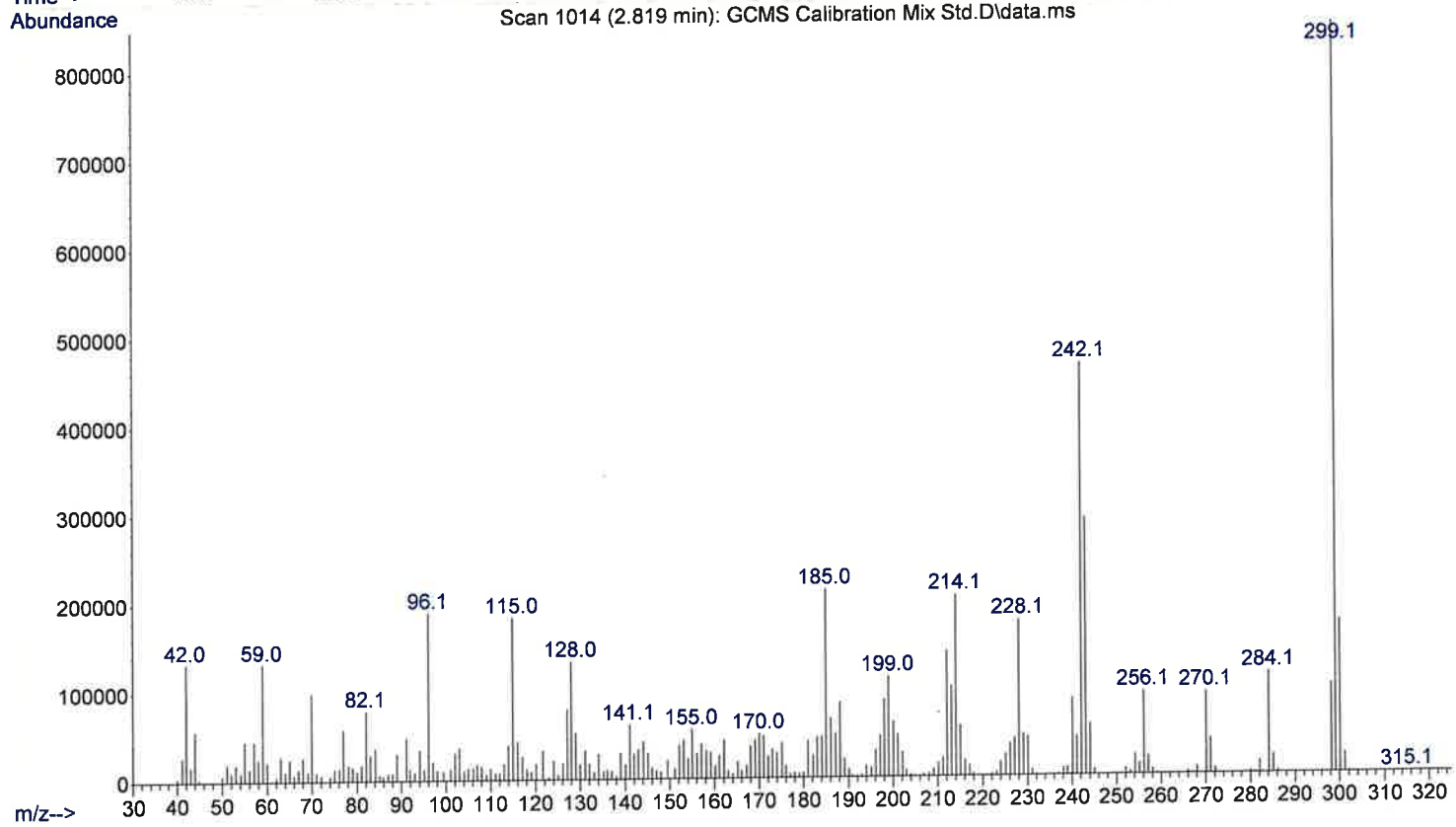
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Sample Name: GCMS Calibration Mix Std
Misc Info : Meoh,Exp 03-06-27



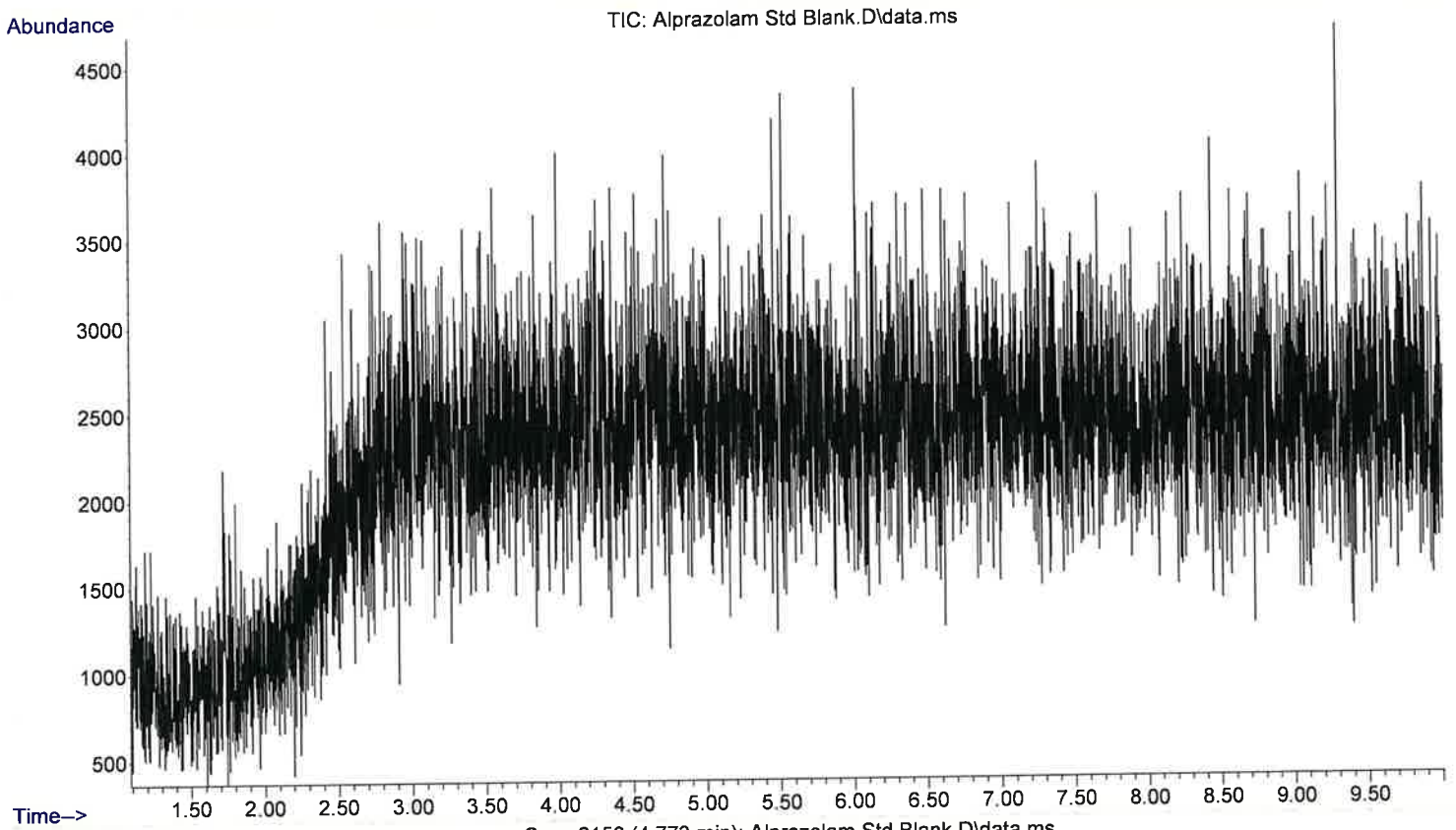


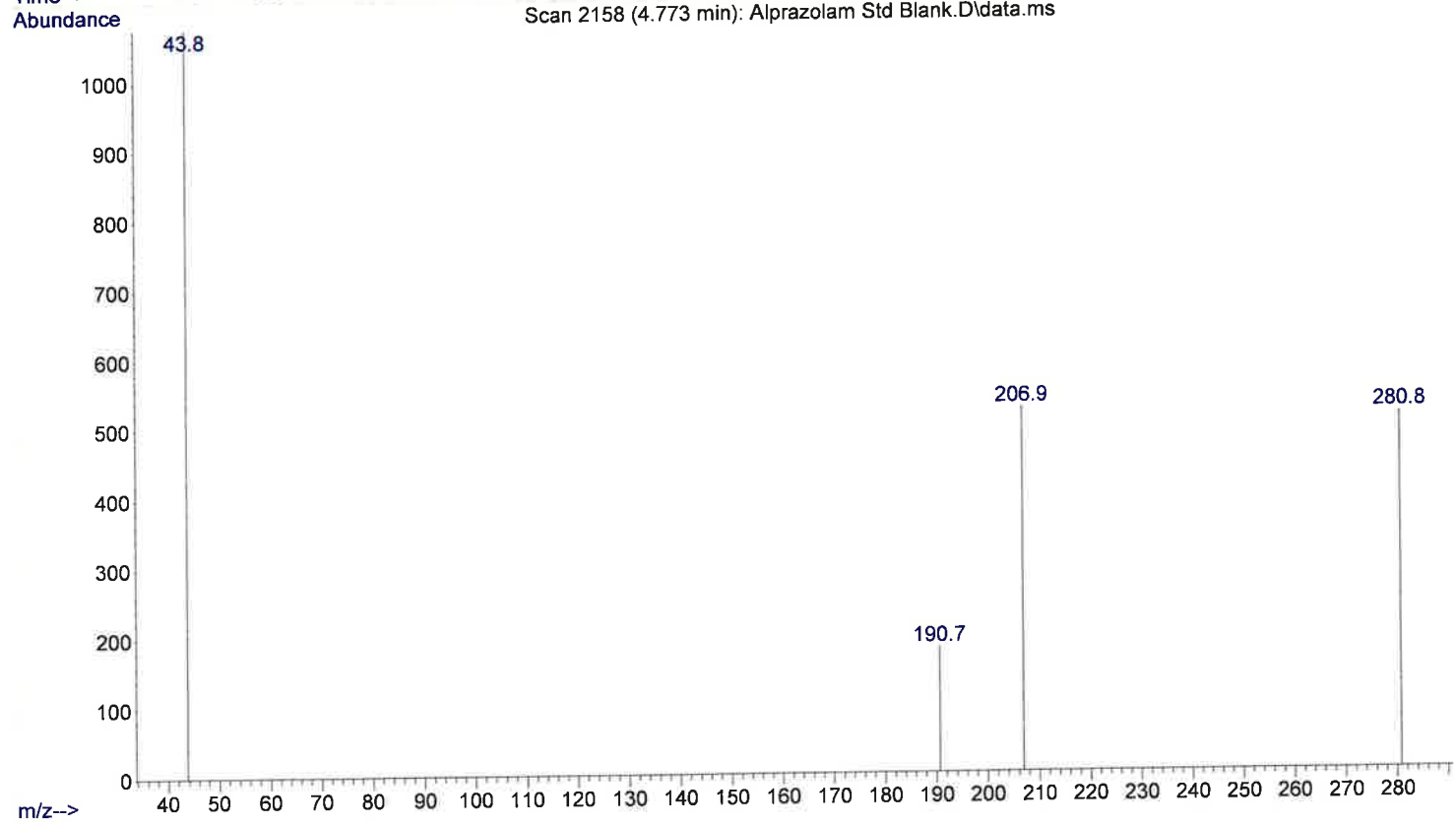
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Operator : RH
Instrument : Quincy
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Sample Name: GCMS Calibration Mix Std
Misc Info : Meoh,Exp 03-06-27



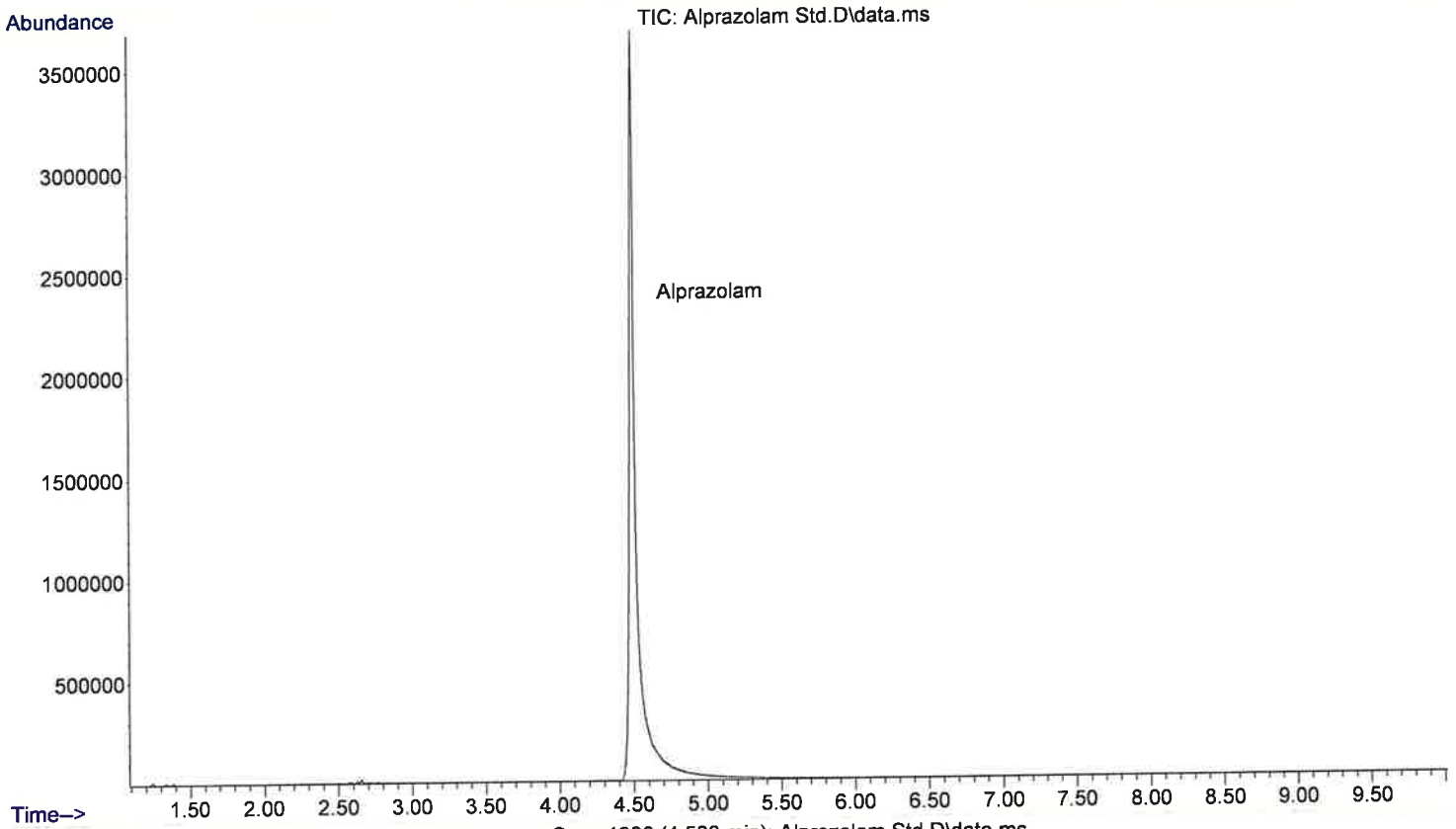


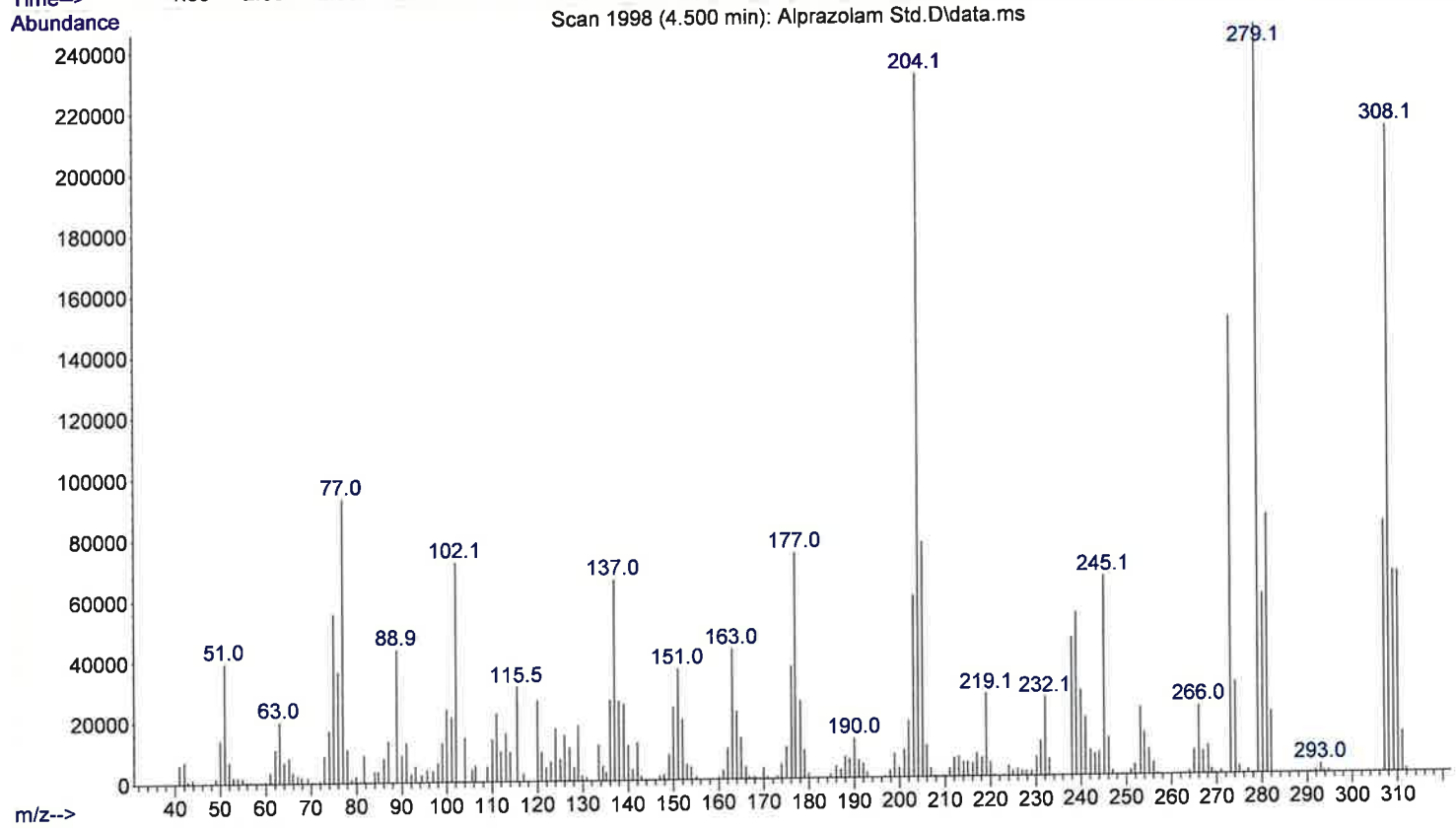
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Instrument : Quincy
Acquired : 31 Mar 2026 17:00 using AcqMethod ASMSDRUGS200.M
Sample Name: Alprazolam Std Blank
Misc Info : Meoh



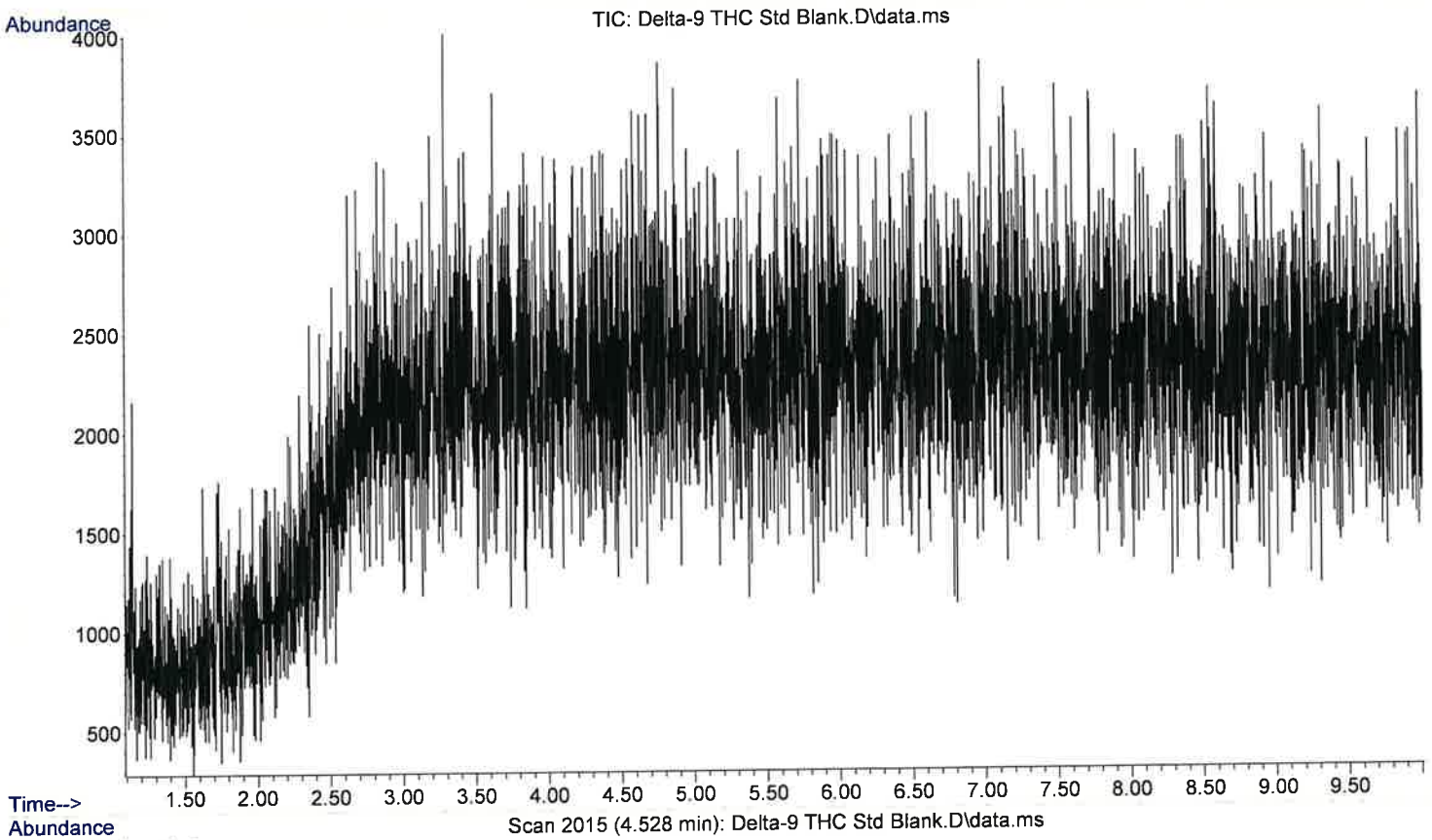


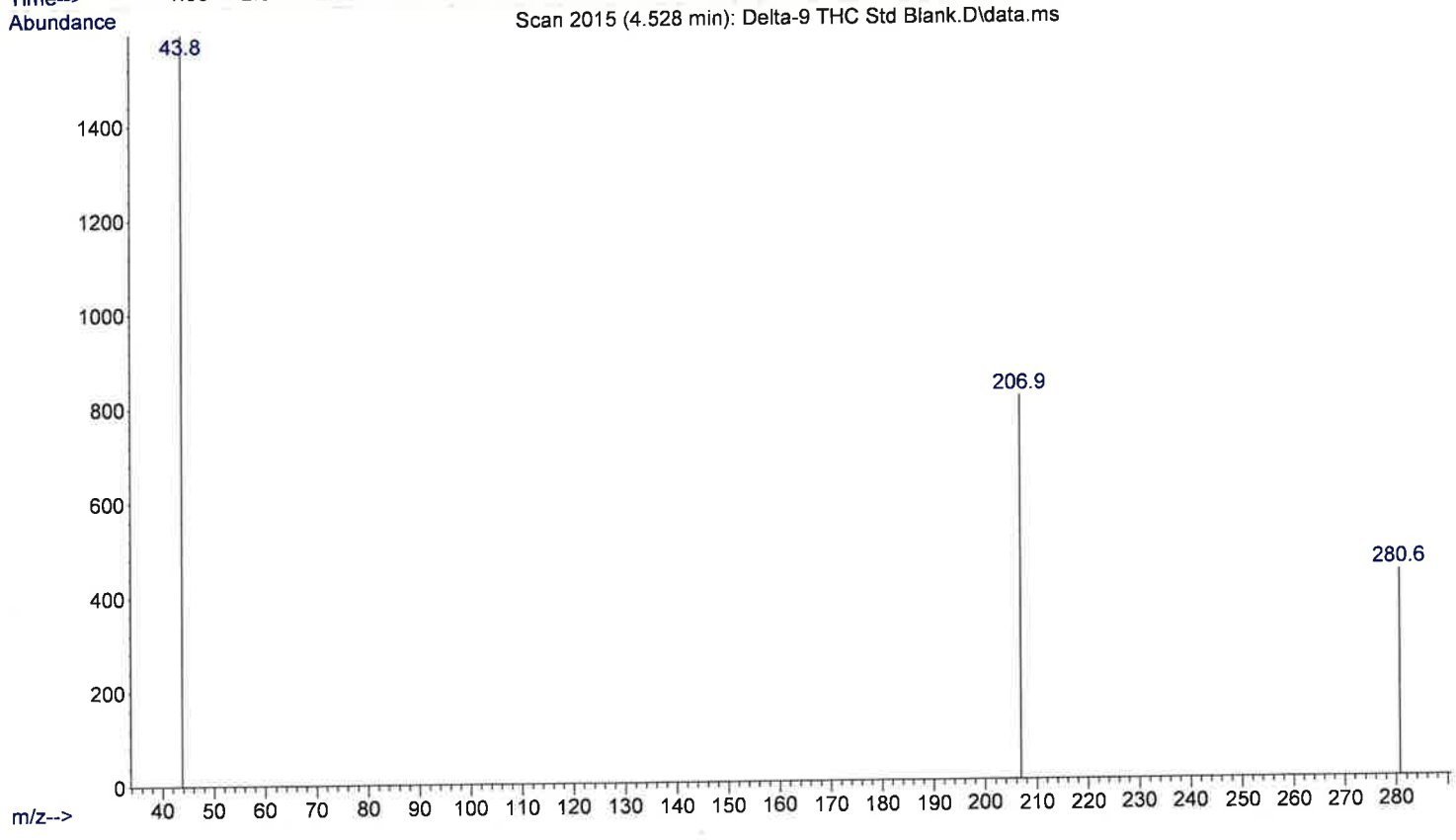
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Operator : RH
Instrument : Quincy
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Sample Name: Alprazolam Std
Misc Info : Meoh,Cerilliant,LotFE050032221,Exp01-31-28



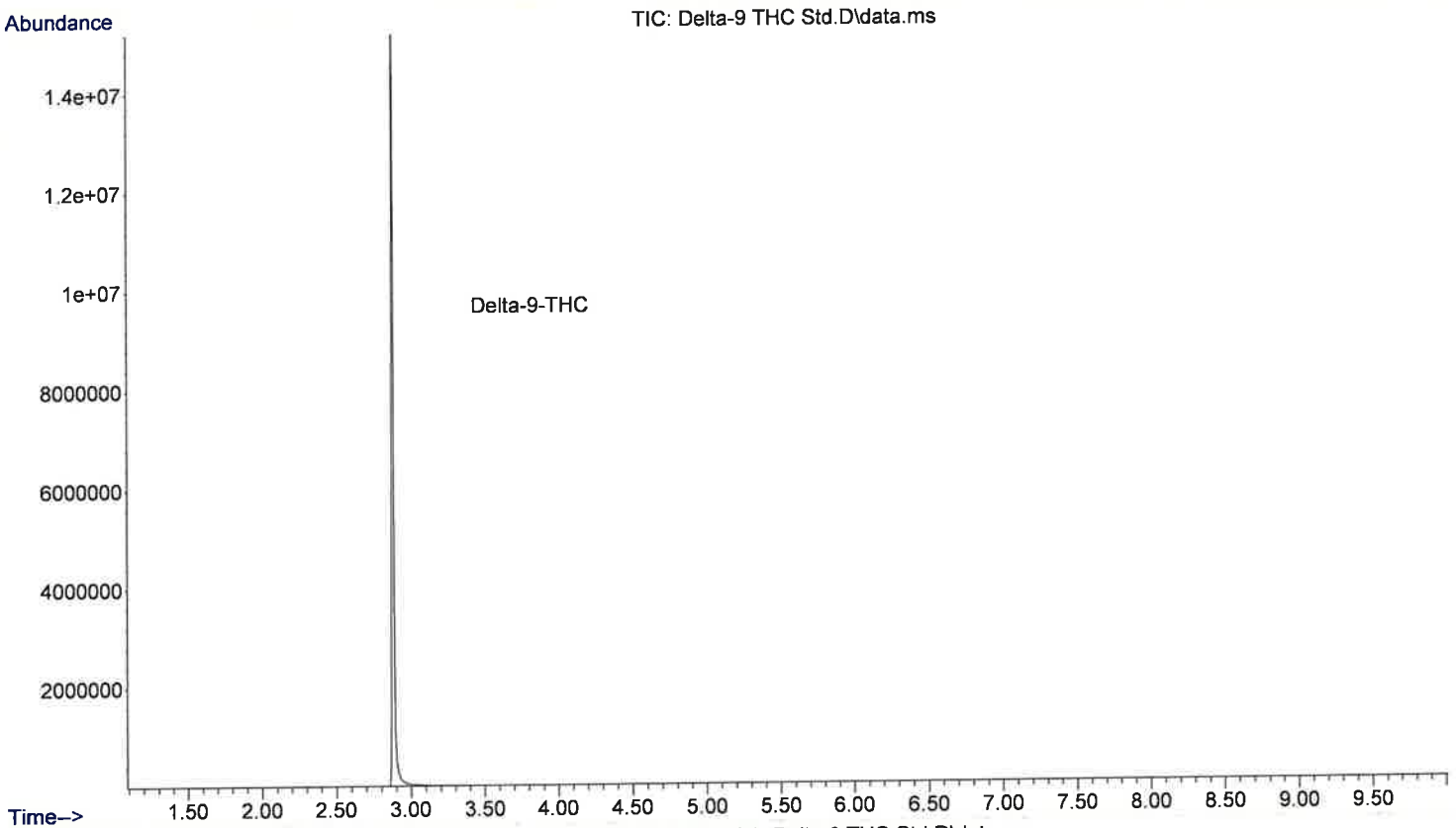


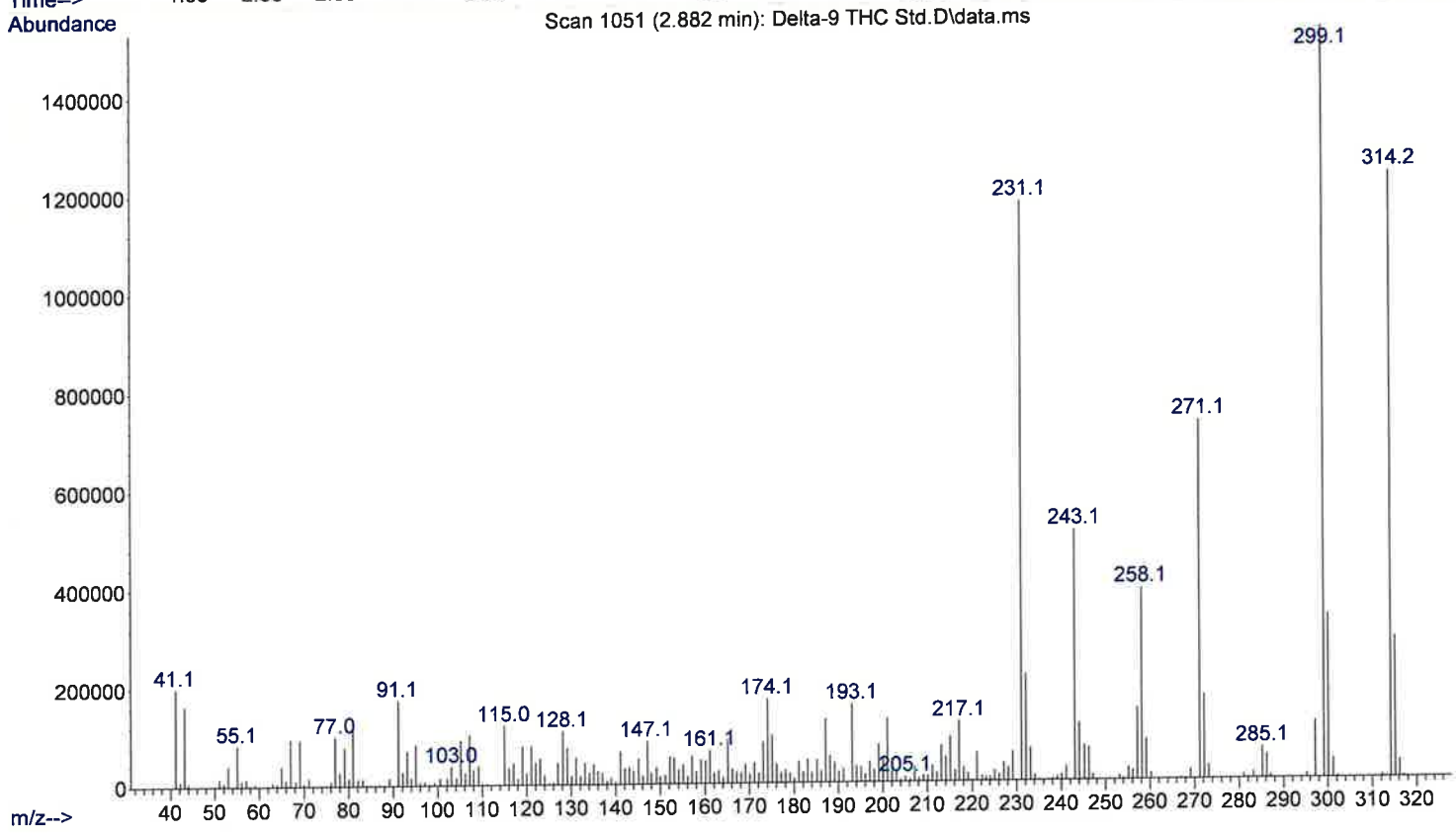
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Operator : RH
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Acquired : 31 Mar 2026 17:37 using AcqMethod ASMSDRUGS200.M
Sample Name: Delta-9 THC Std Blank
Misc Info : Meoh



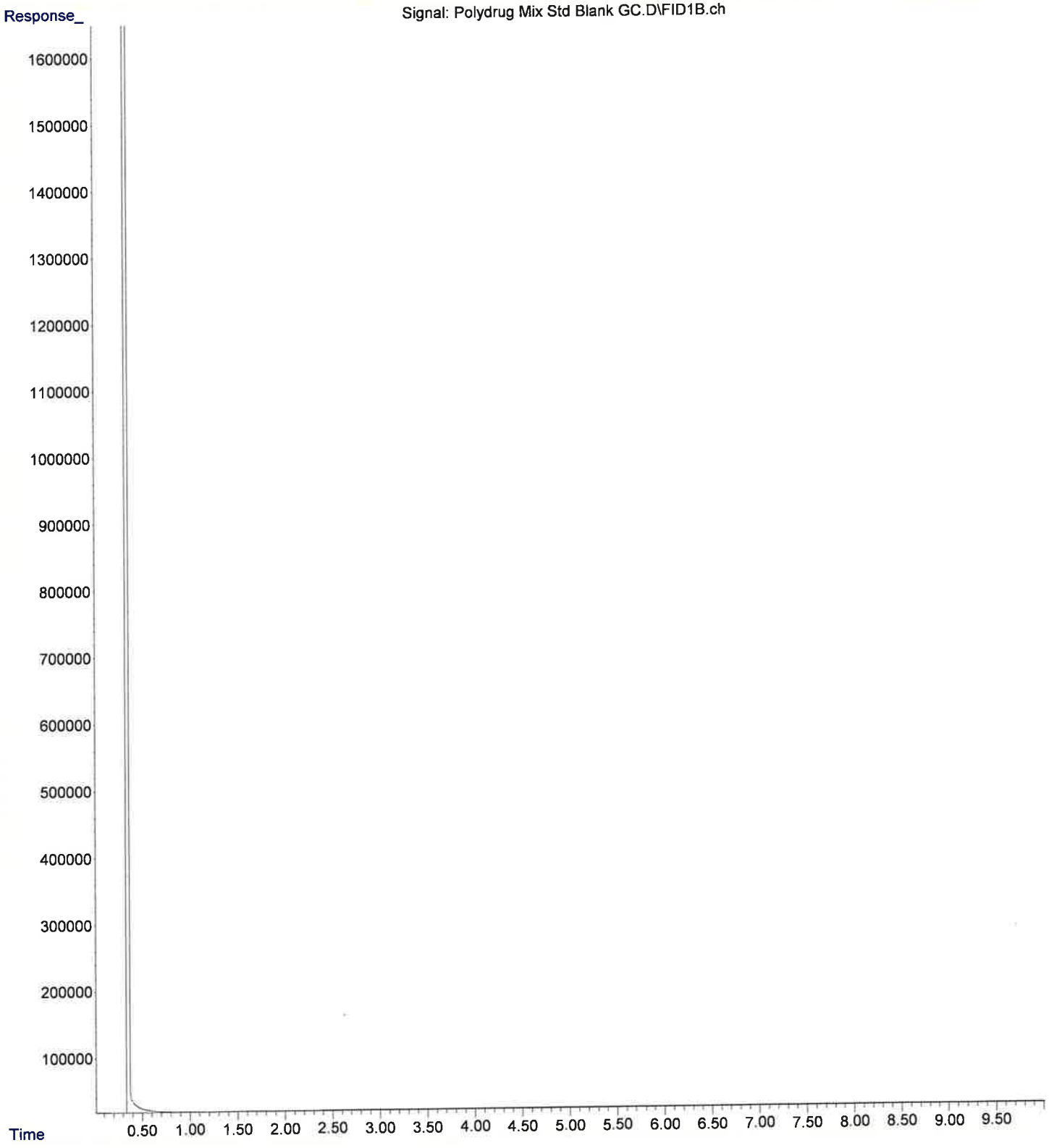


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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 17:50 using AcqMethod ASMSDRUGS200.M
Sample Name: Delta-9 THC Std
Misc Info : Meoh,Cerilliant,LotFE06212201,Exp10-31-27

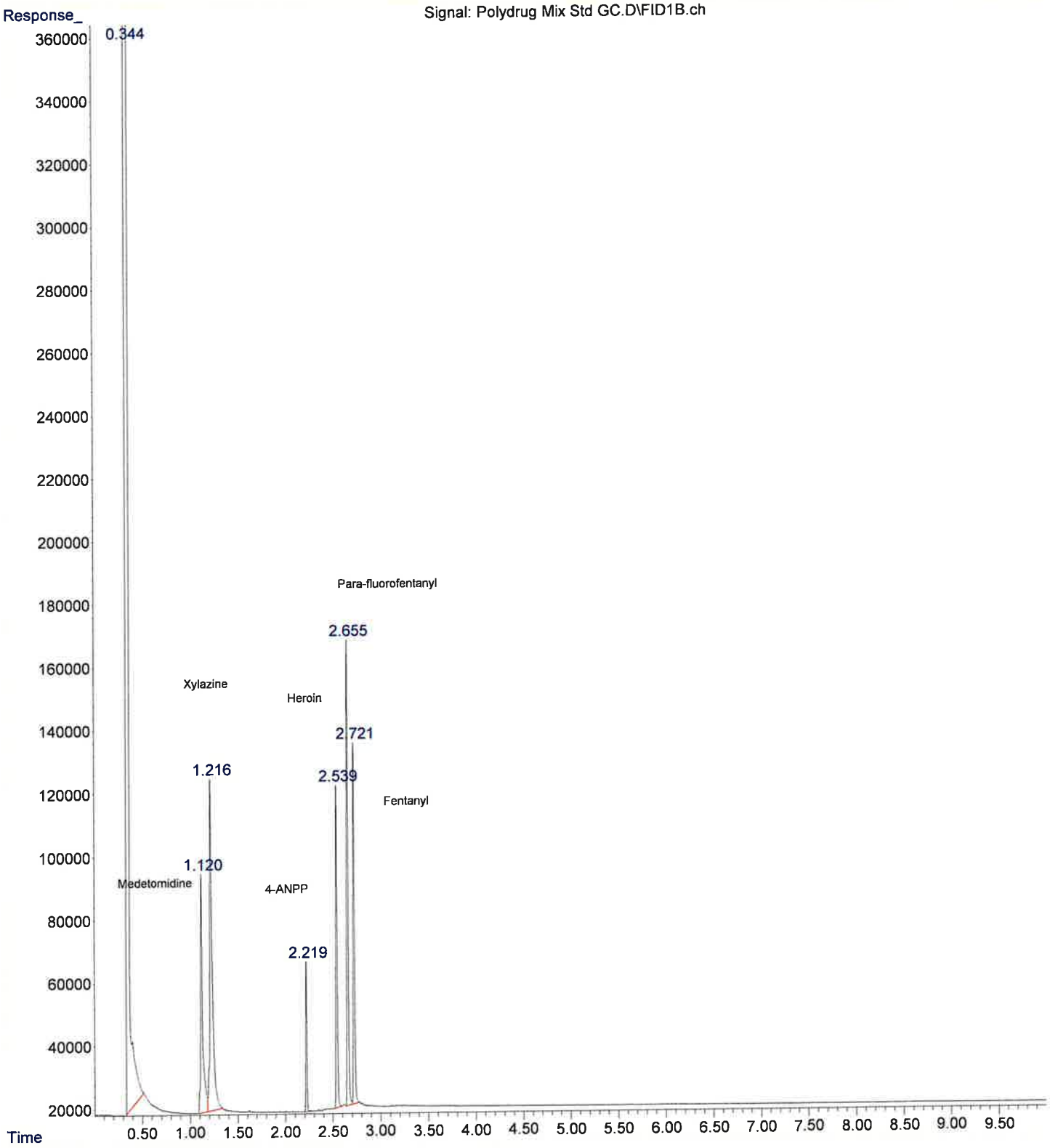




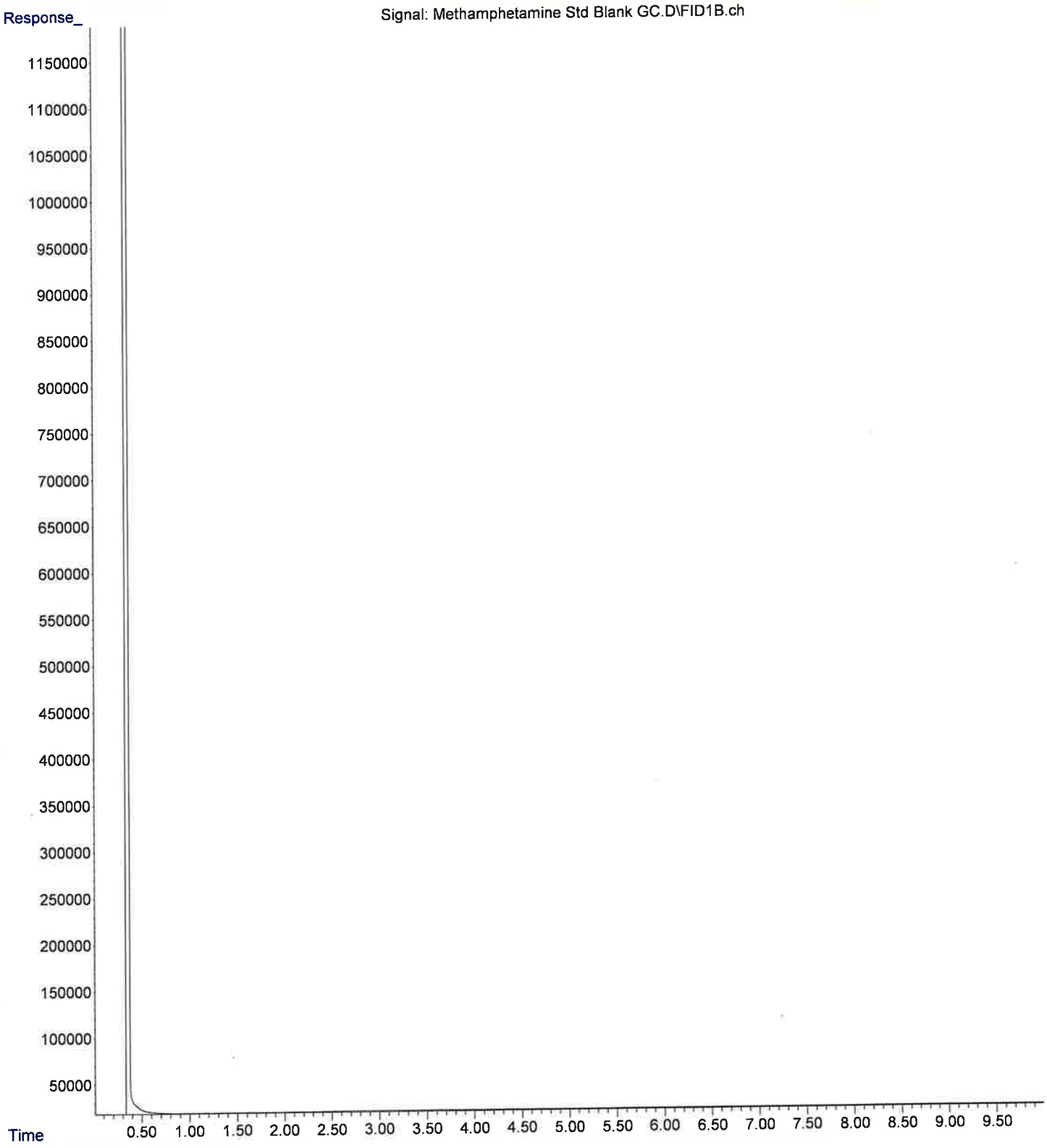
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 21:54 using AcqMethod ASGC200.M
Sample Name: Polydrug Mix Std Blank GC
Misc Info : Acetonitrile



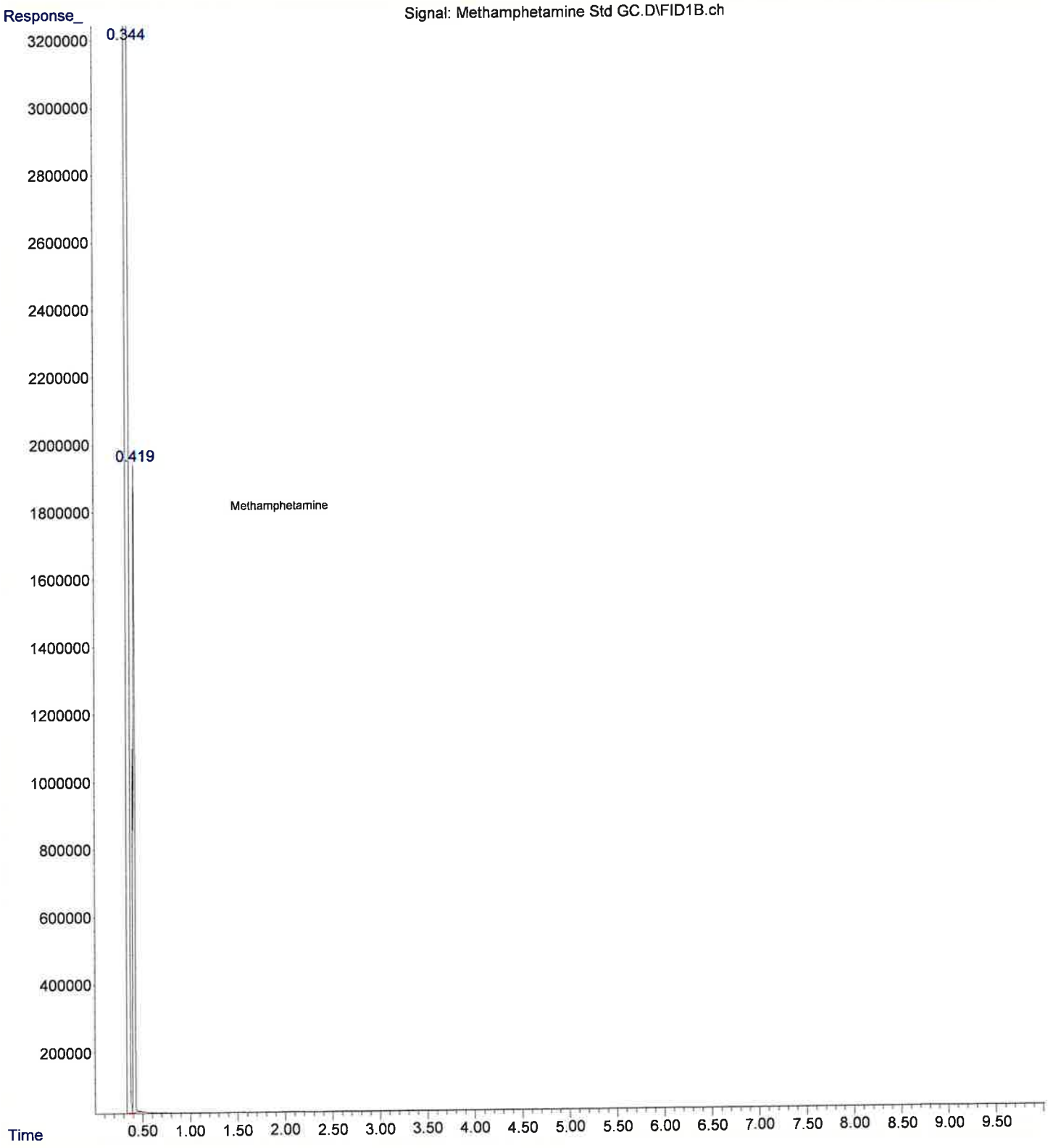
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Operator : RH
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Sample Name: Polydrug Mix Std GC
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



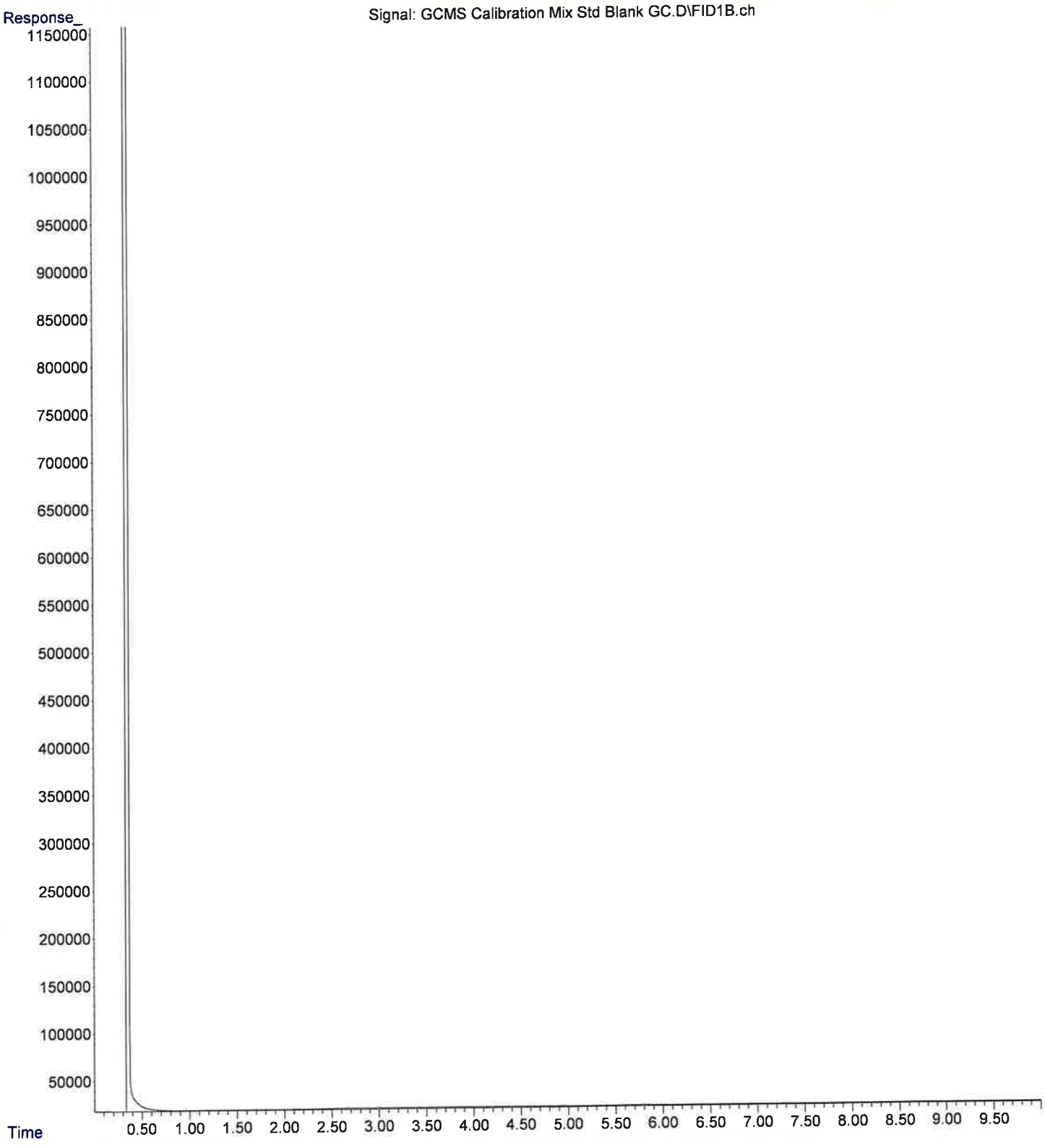
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Acquired : 31 Mar 2026 19:28 using AcqMethod ASGC200.M
Sample Name: Methamphetamine Std Blank GC
Misc Info : Meoh



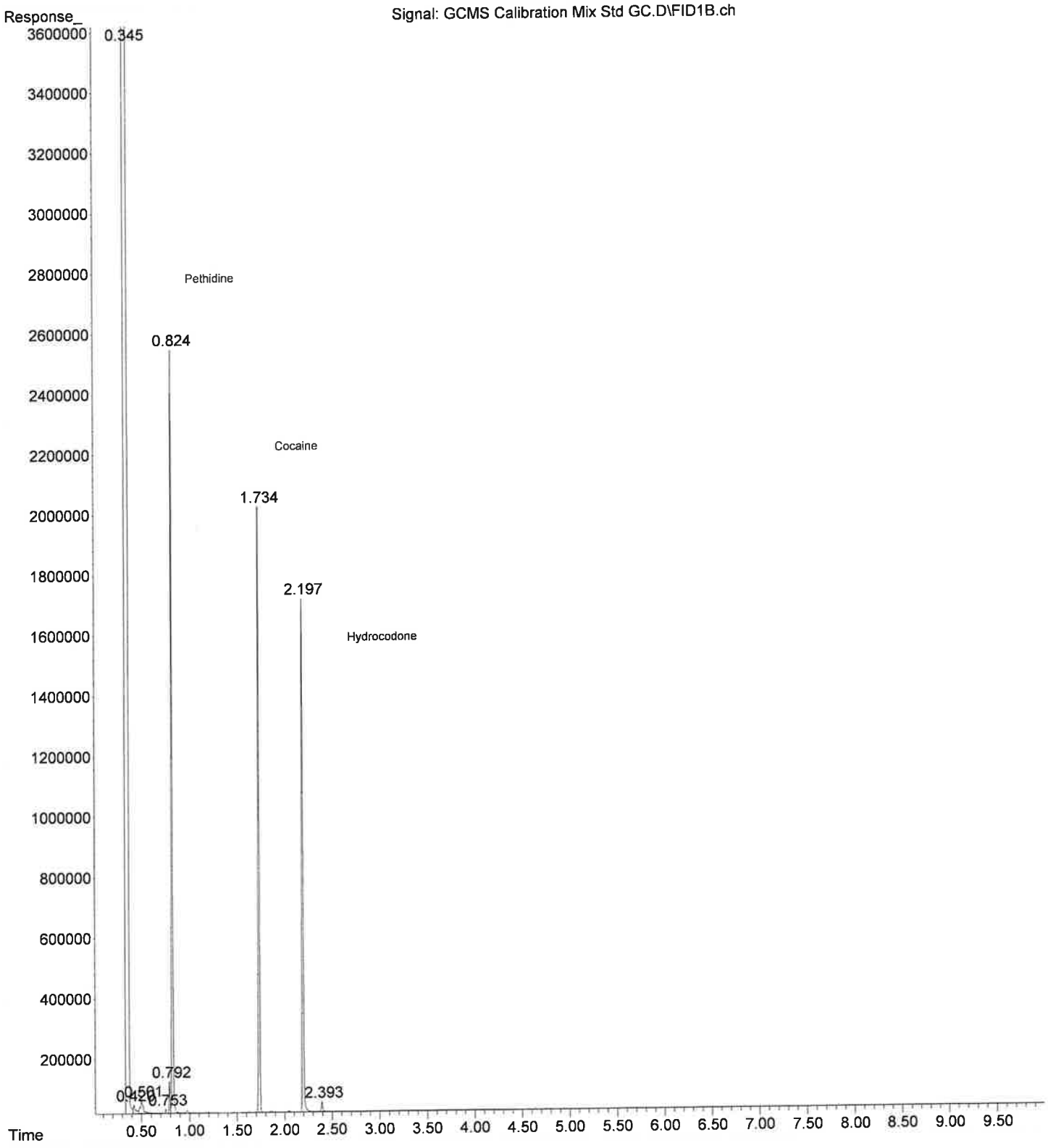
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 19:40 using AcqMethod ASGC200.M
Sample Name: Methamphetamine Std GC
Misc Info : Meoh,Cerilliant,LotFE006022204,Exp12-31-27



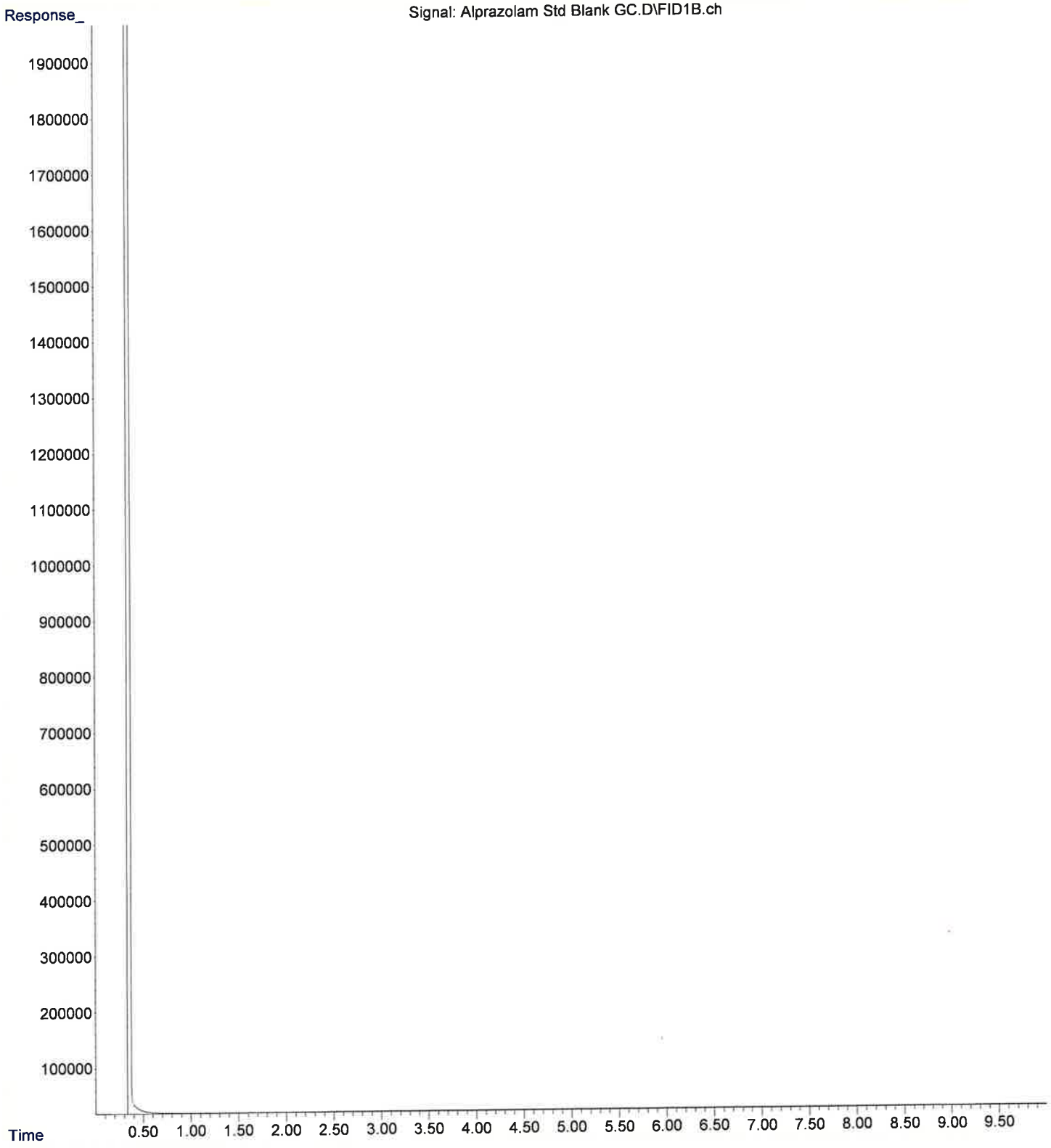
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Instrument : Quincy
Acquired : 31 Mar 2026 20:05 using AcqMethod ASGC200.M
Sample Name: GCMS Calibration Mix Std Blank GC
Misc Info : Meoh



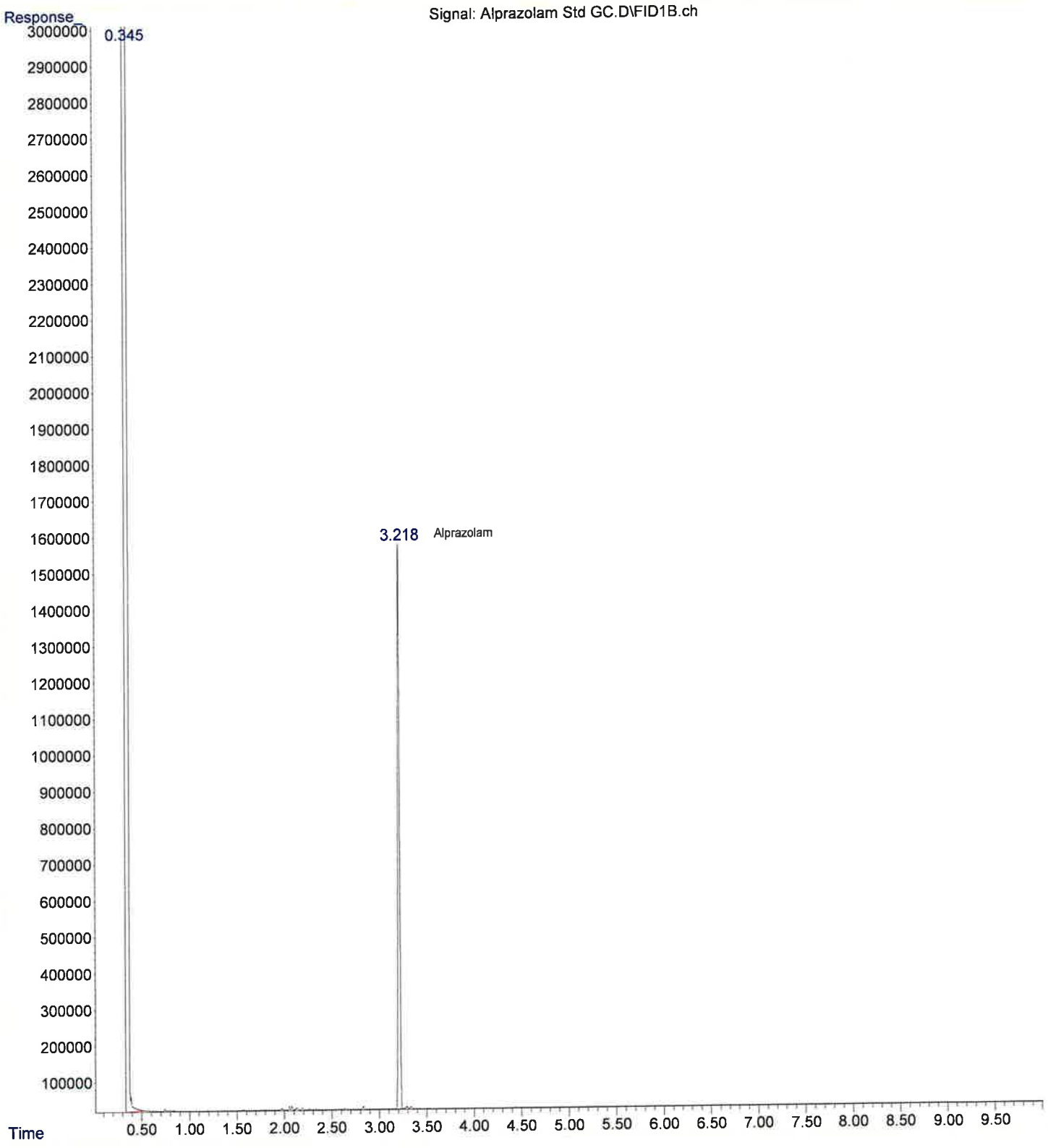
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Acquired : 31 Mar 2026 20:17 using AcqMethod ASGC200.M
Sample Name: GCMS Calibration Mix Std GC
Misc Info : Meoh,Exp 03-06-27



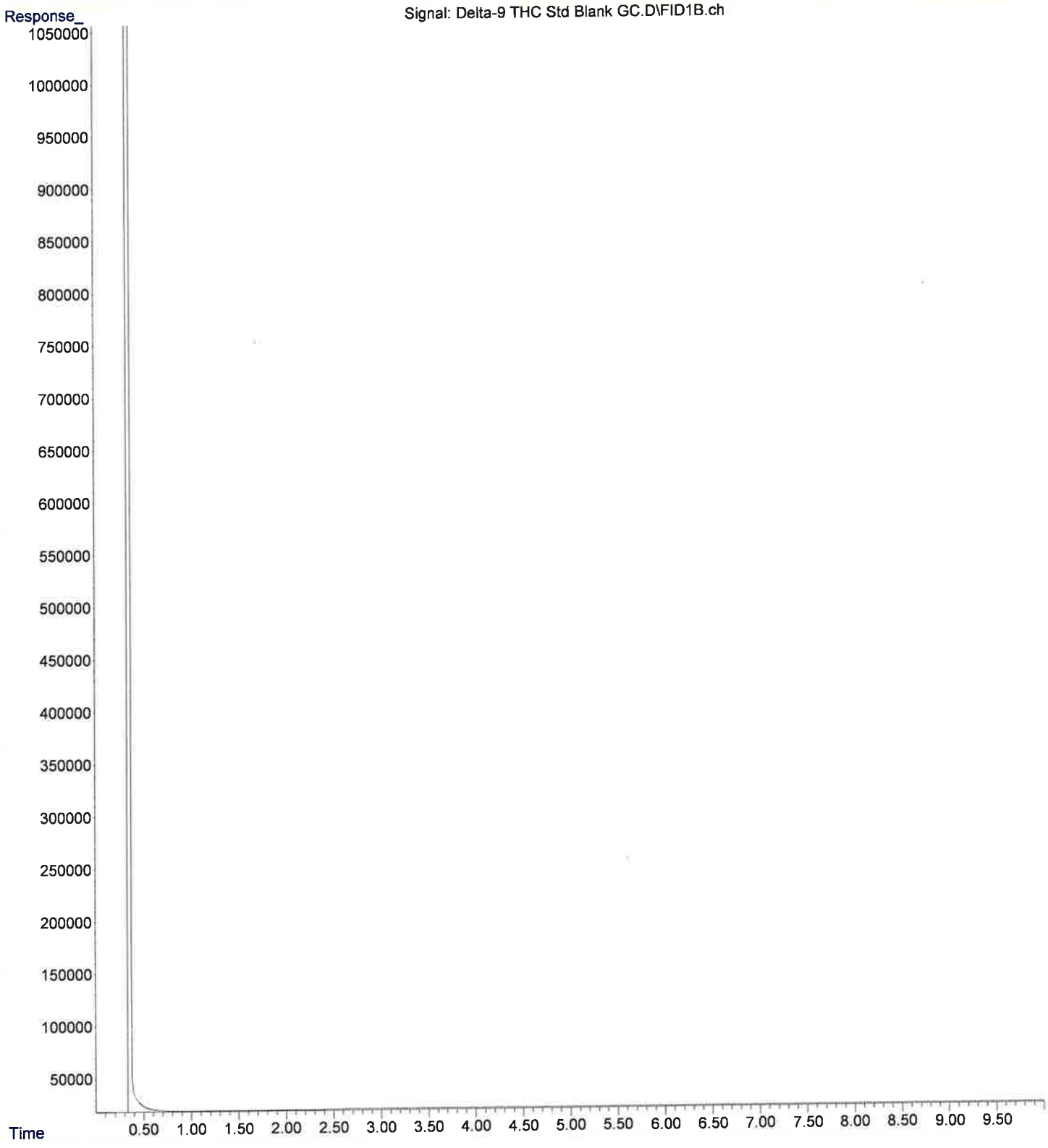
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 20:41 using AcqMethod ASGC200.M
Sample Name: Alprazolam Std Blank GC
Misc Info : Meoh



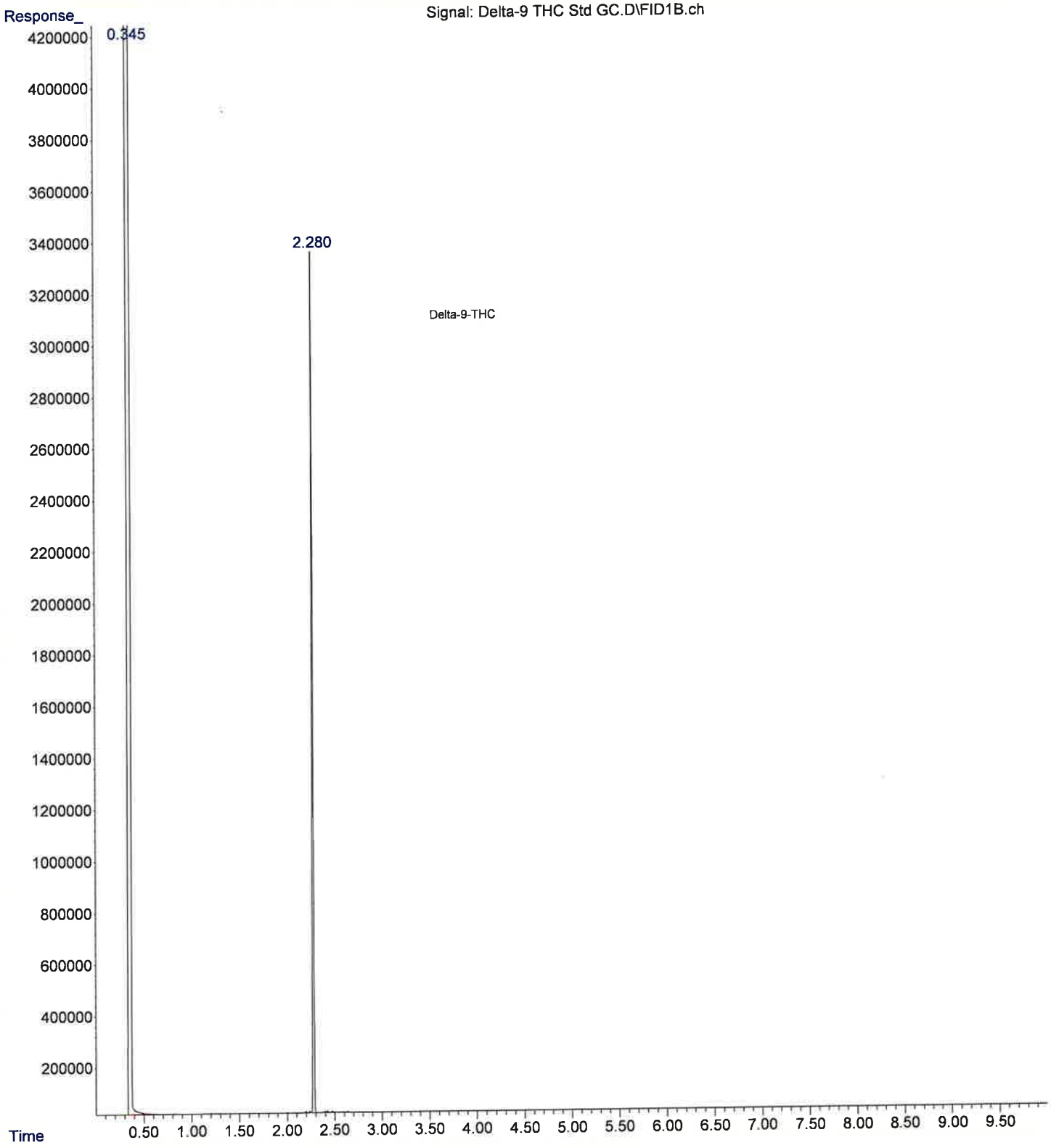
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 20:53 using AcqMethod ASGC200.M
Sample Name: Alprazolam Std GC
Misc Info : Meoh,Cerilliant,LotFE050032221,Exp01-31-28



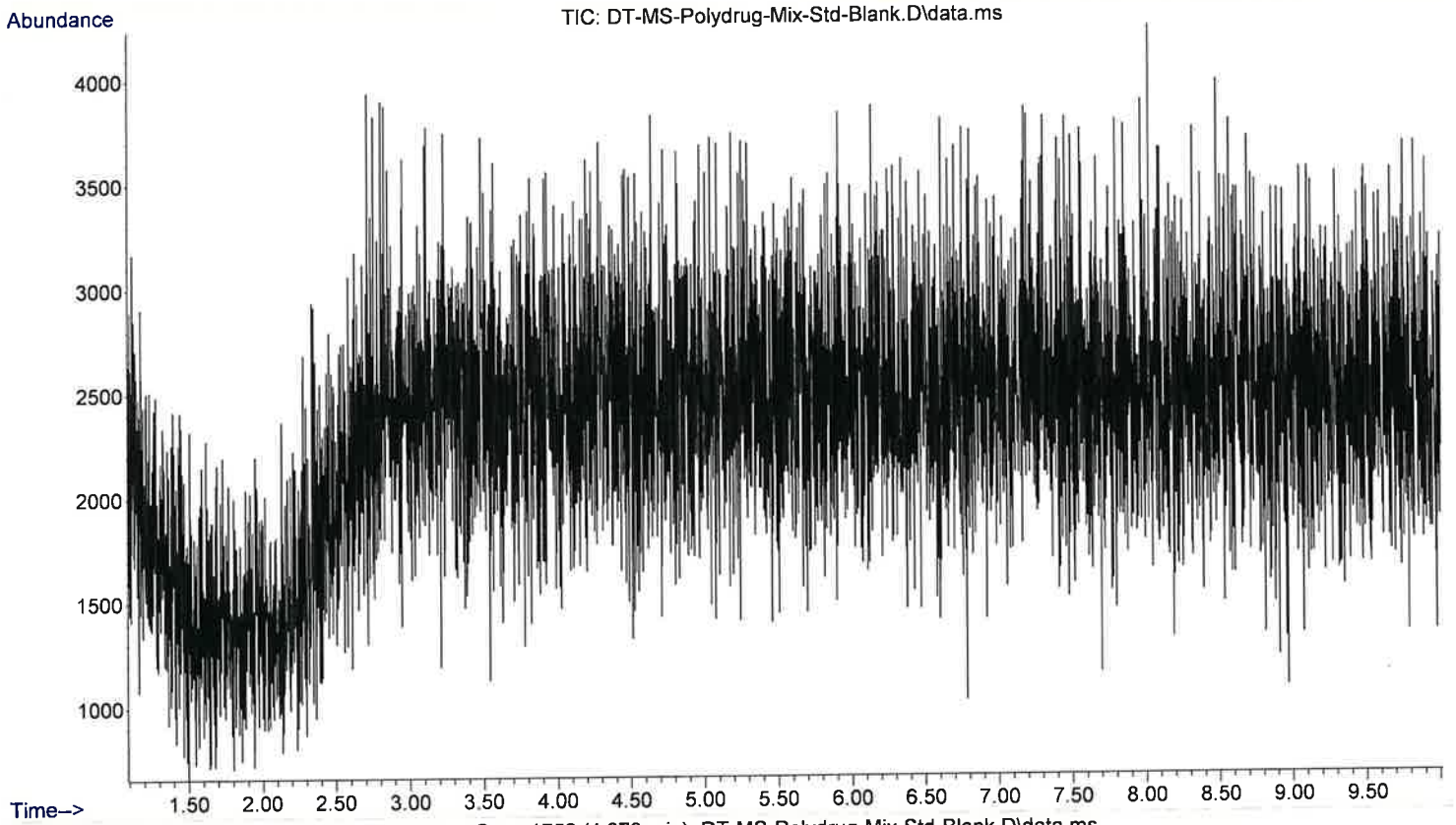
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... njection 3-31-26\Delta-9 THC Std Blank GC.D
Operator : RH
Instrument : Quincy
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Sample Name: Delta-9 THC Std Blank GC
Misc Info : Meoh

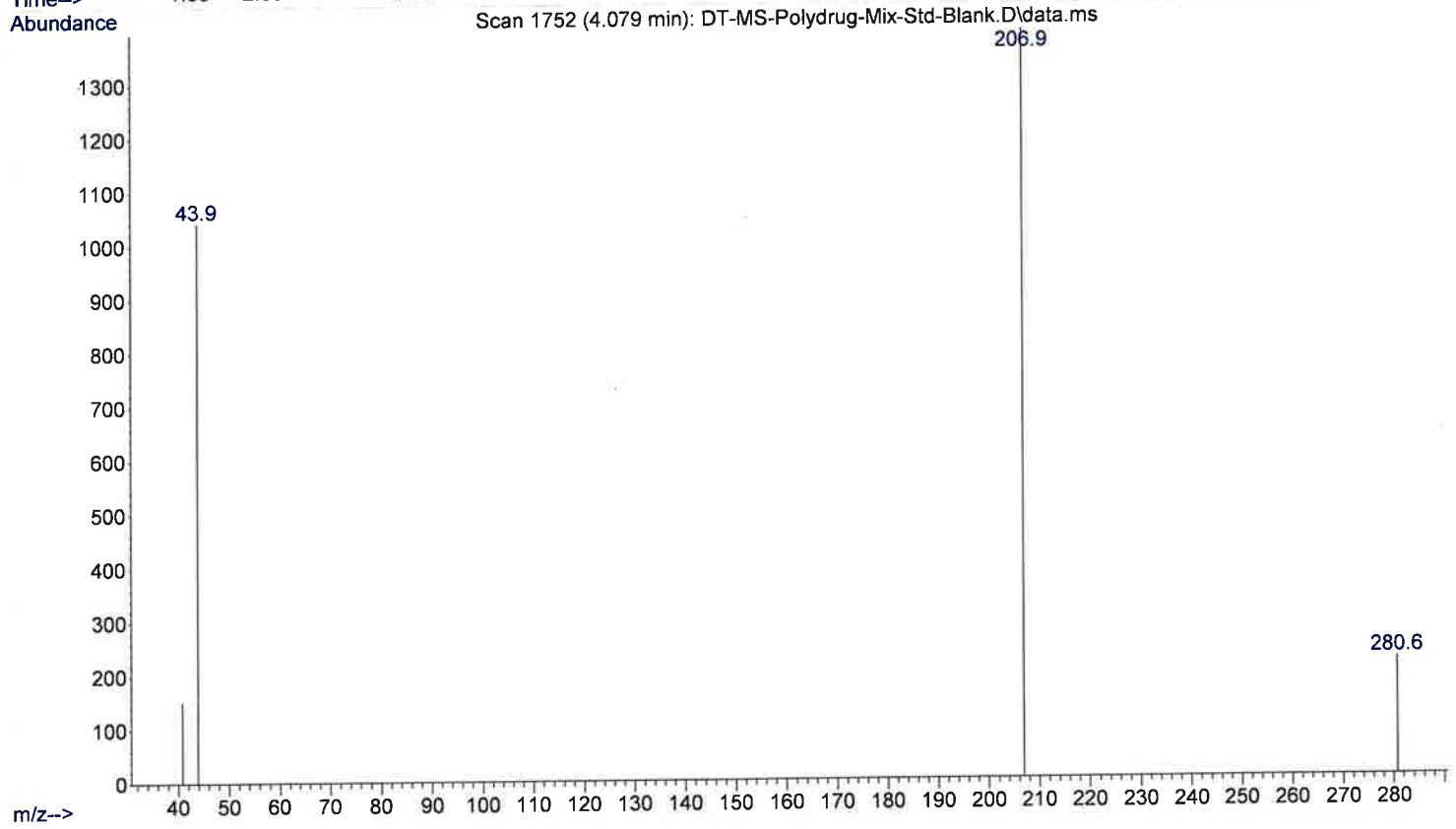


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Operator : RH
Instrument : Quincy
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Sample Name: Delta-9 THC Std GC
Misc Info : Meoh,Cerilliant,LotFE06212201,Exp10-31-27

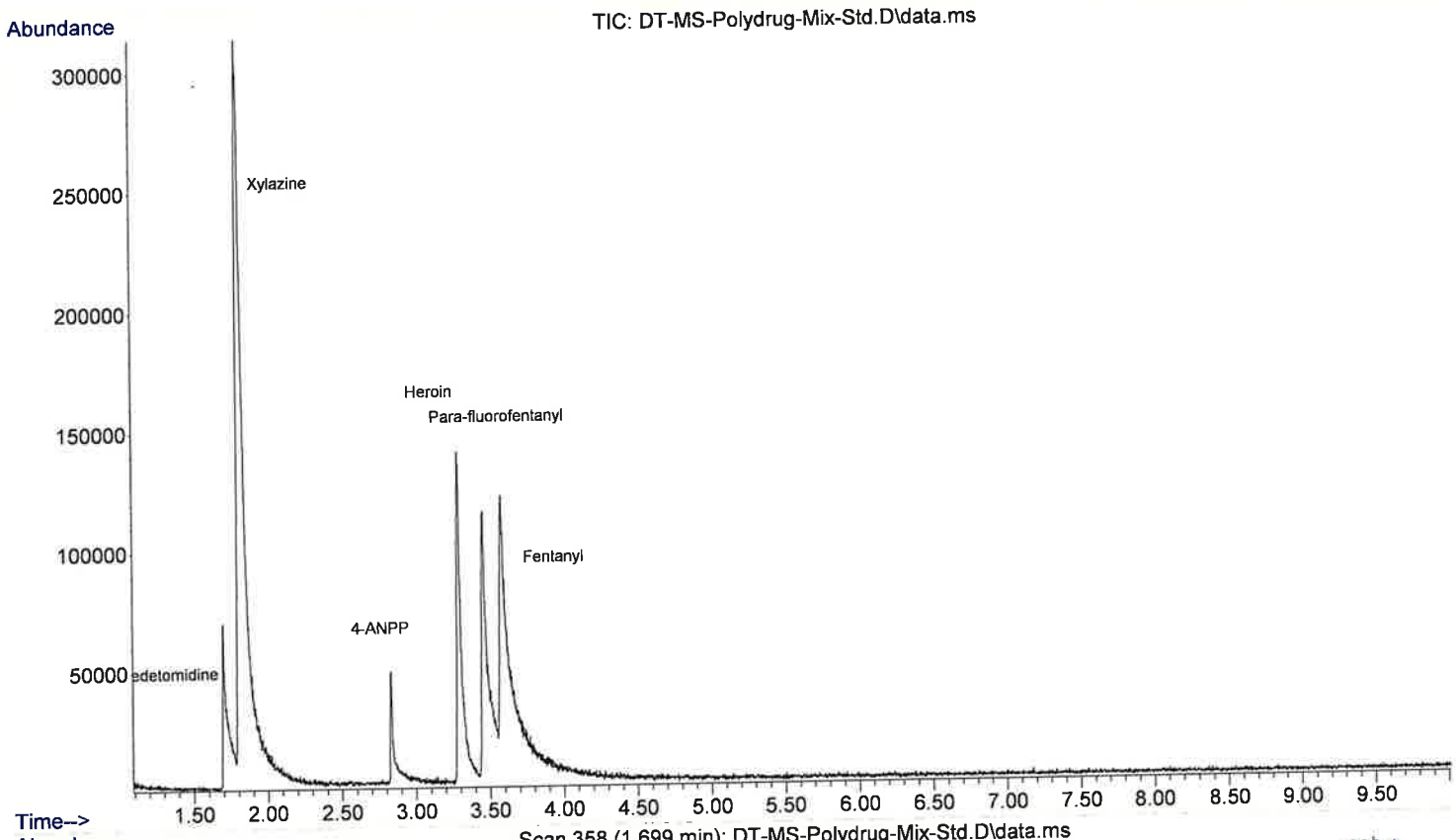


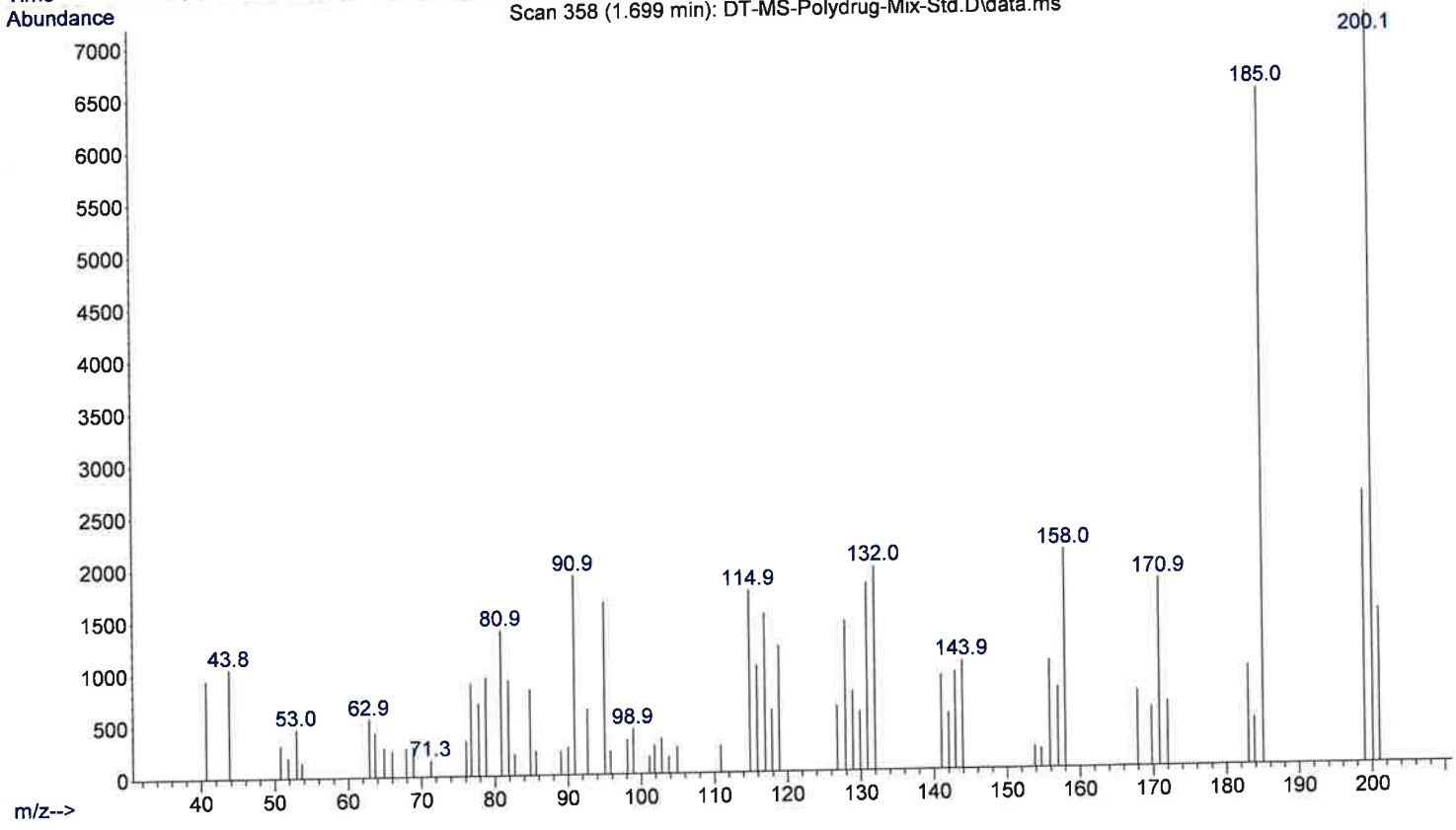
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Operator : RH
Instrument : Quincy
Acquired : 01 Apr 2026 00:12 using AcqMethod DTDRUGS200.M
Sample Name: Polydrug-Mix-Std-Blank
Misc Info : Acetonitrile



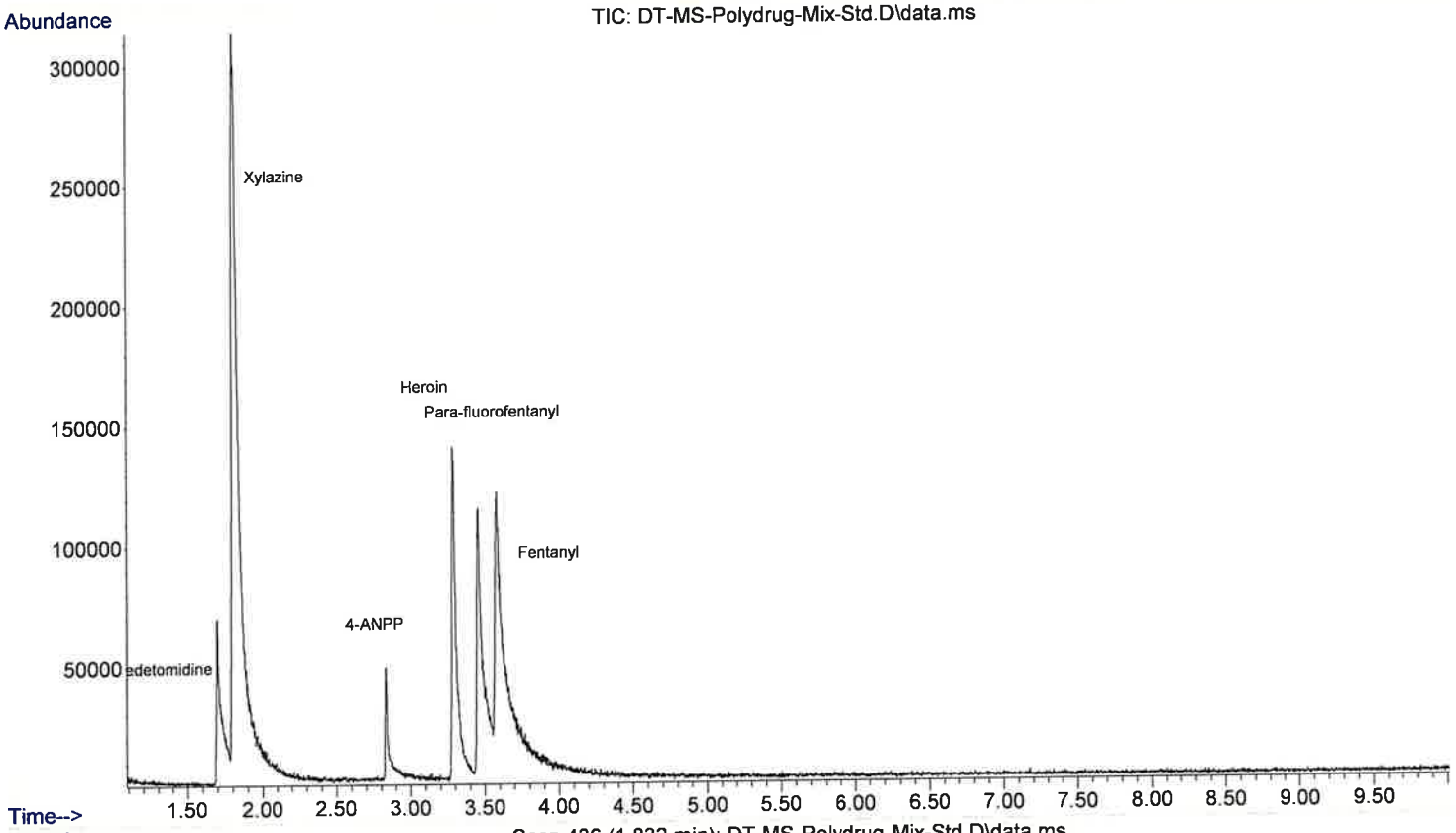


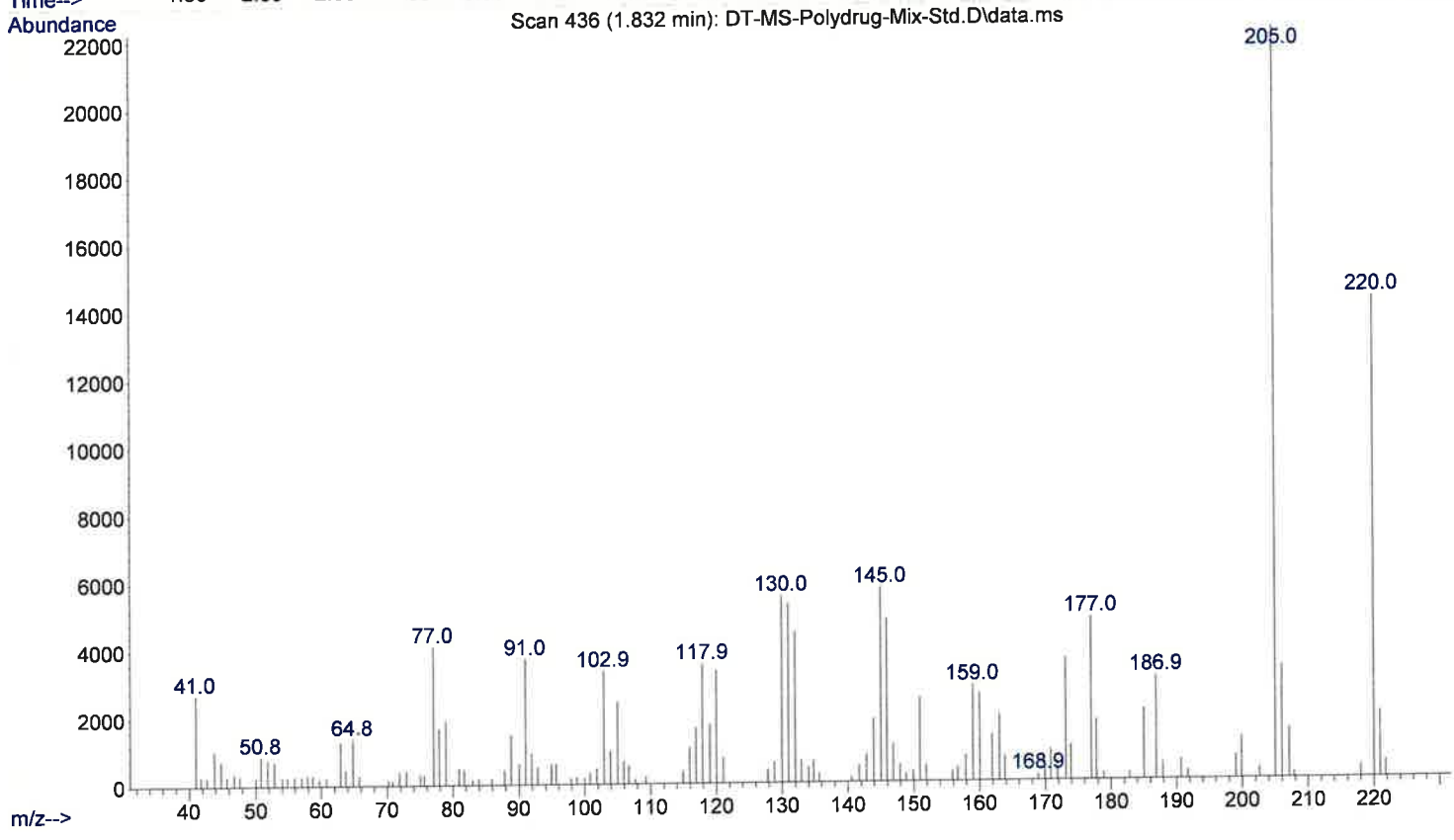
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Sample Name: Polydrug-Mix-Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



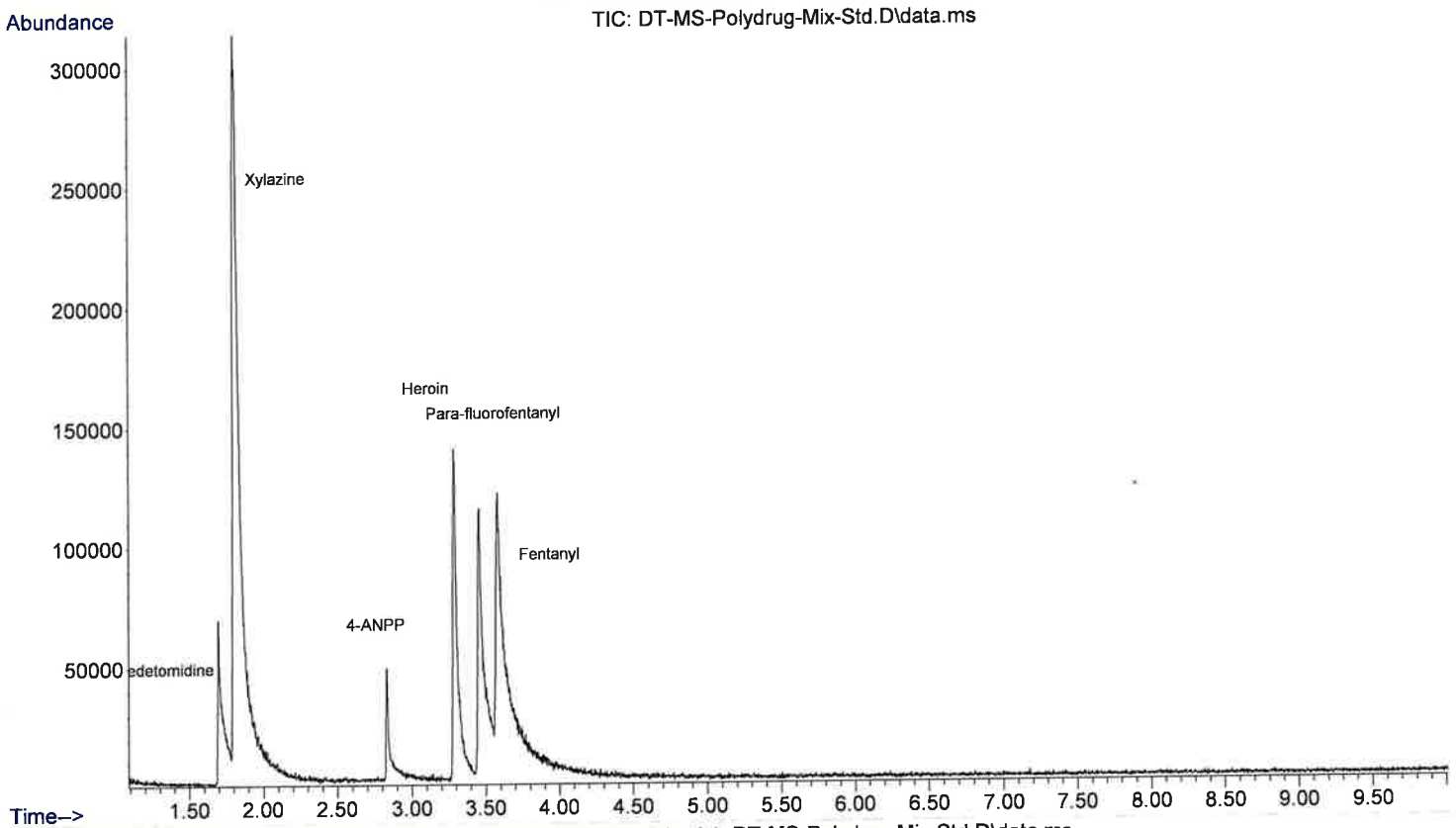


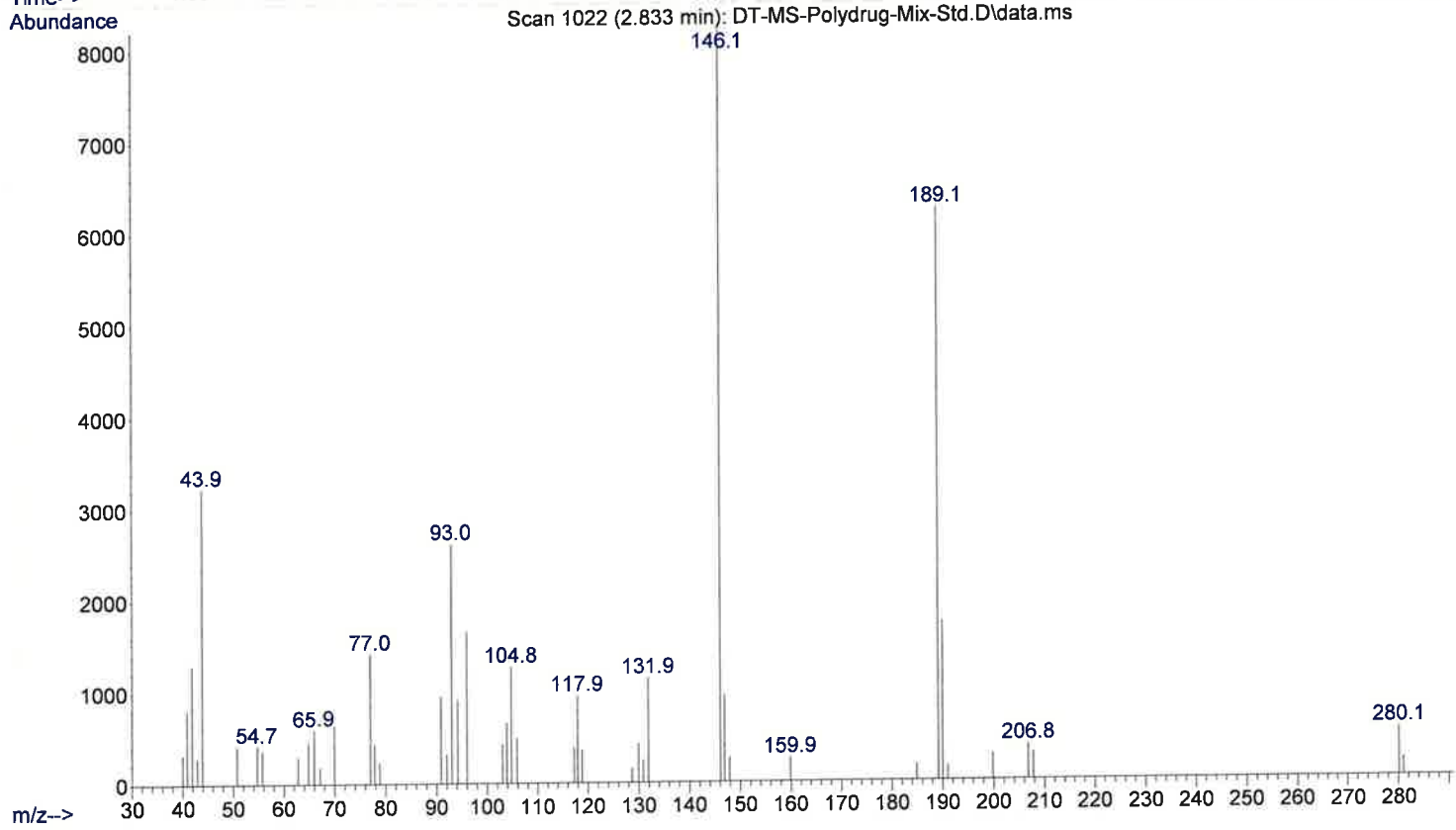
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Operator : RH
Instrument : Quincy
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Sample Name: Polydrug-Mix-Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



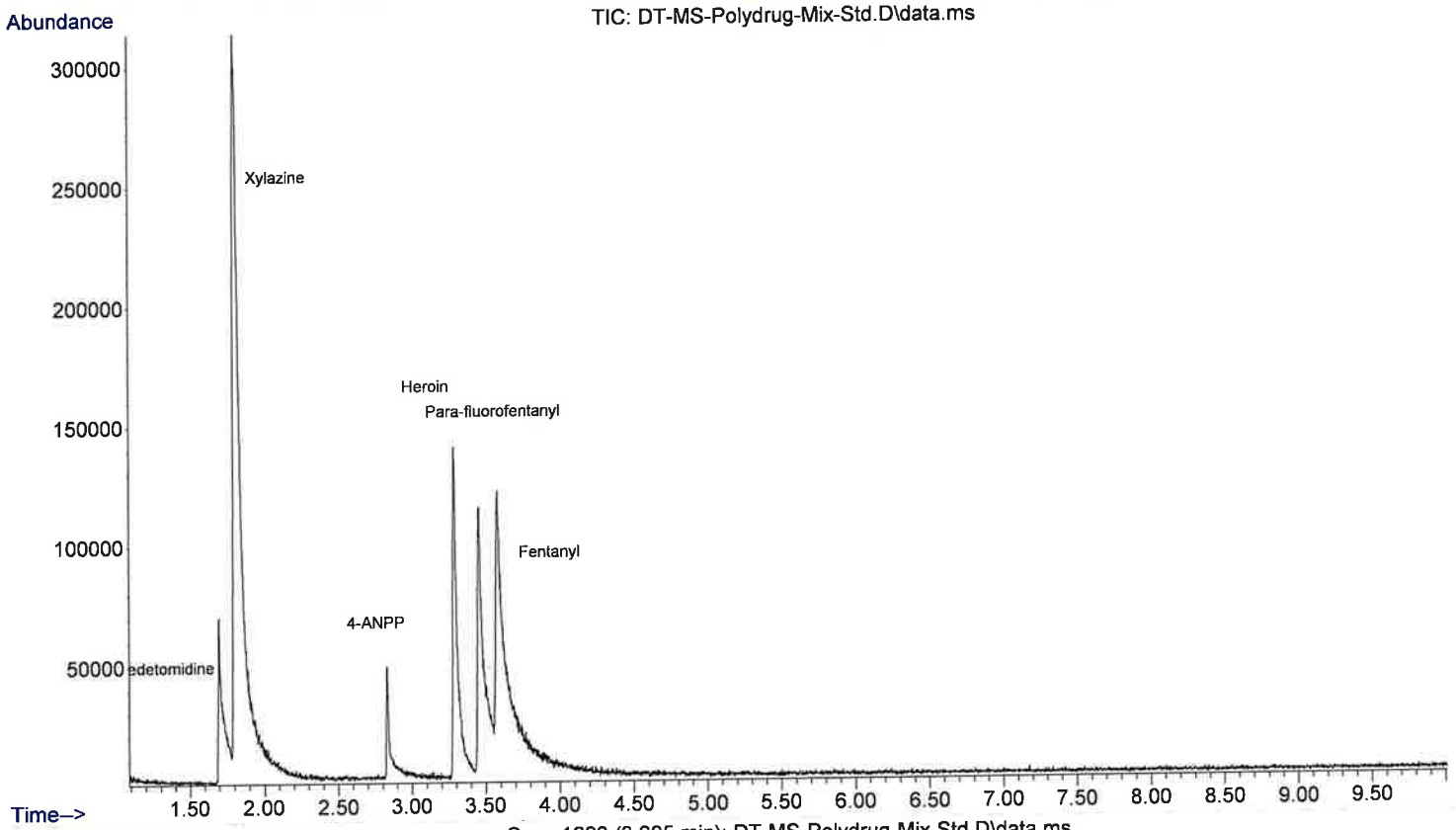


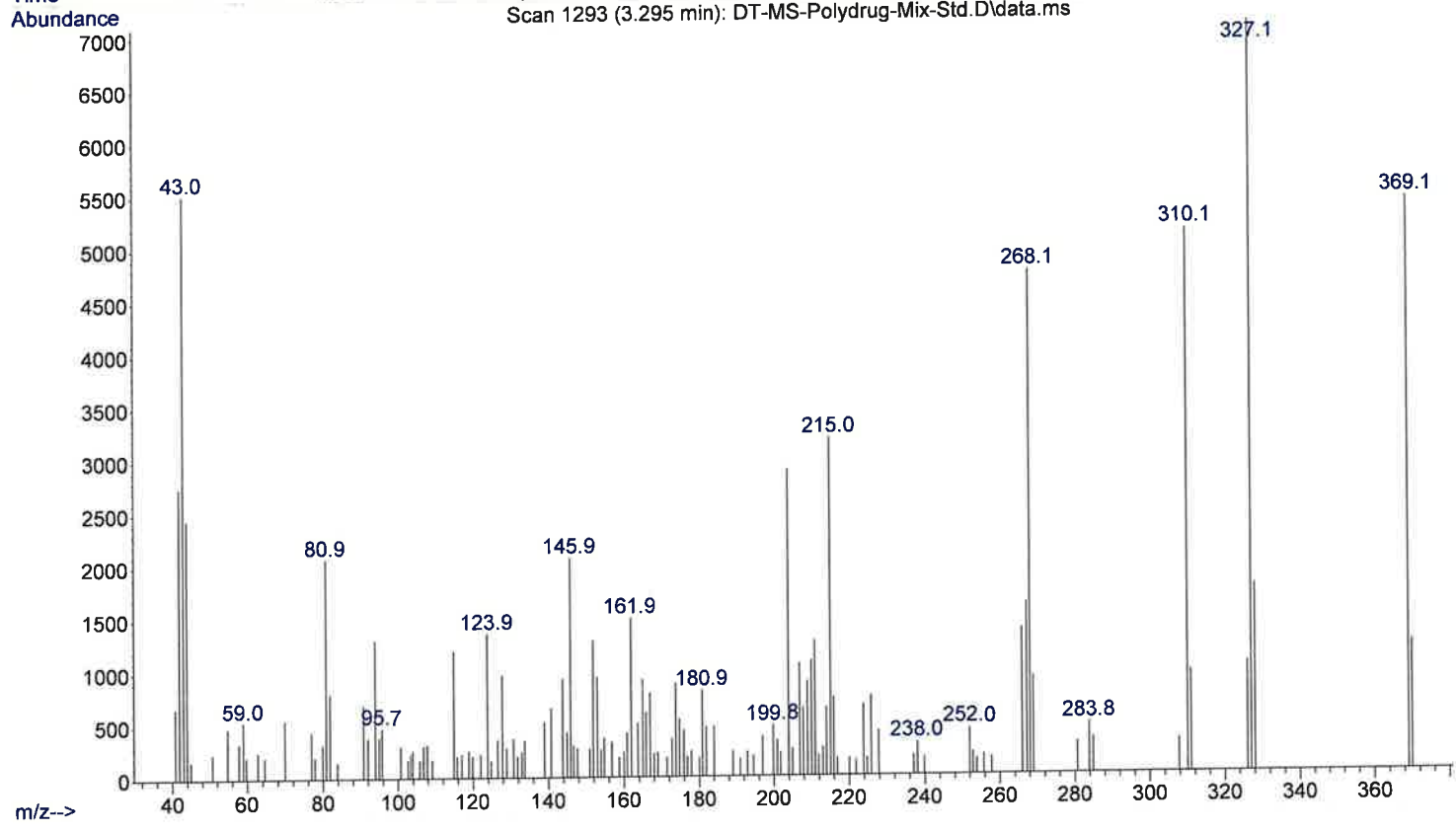
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Operator : RH
Instrument : Quincy
Acquired : 01 Apr 2026 00:25 using AcqMethod DTDRUGS200.M
Sample Name: Polydrug-Mix-Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



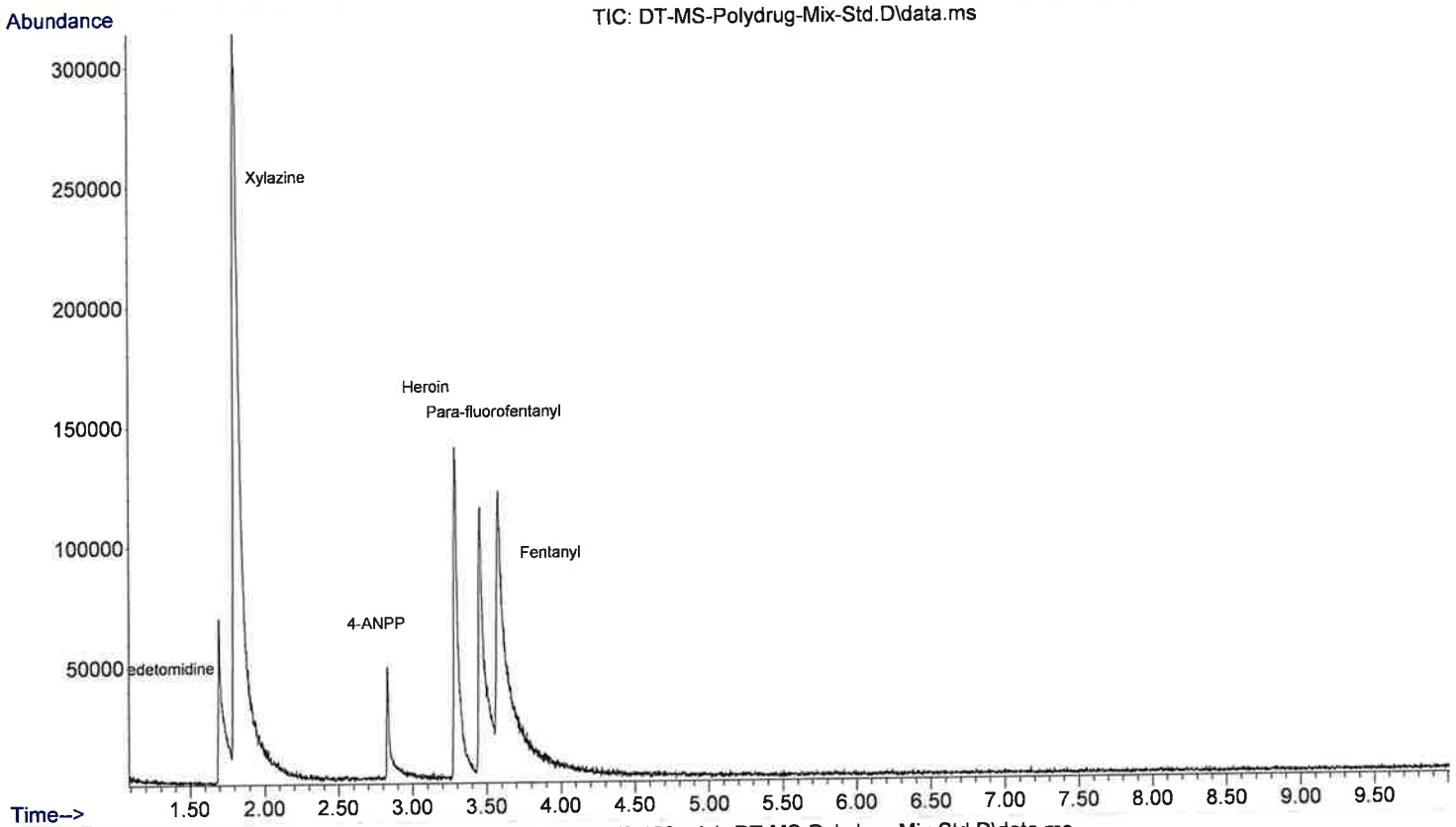


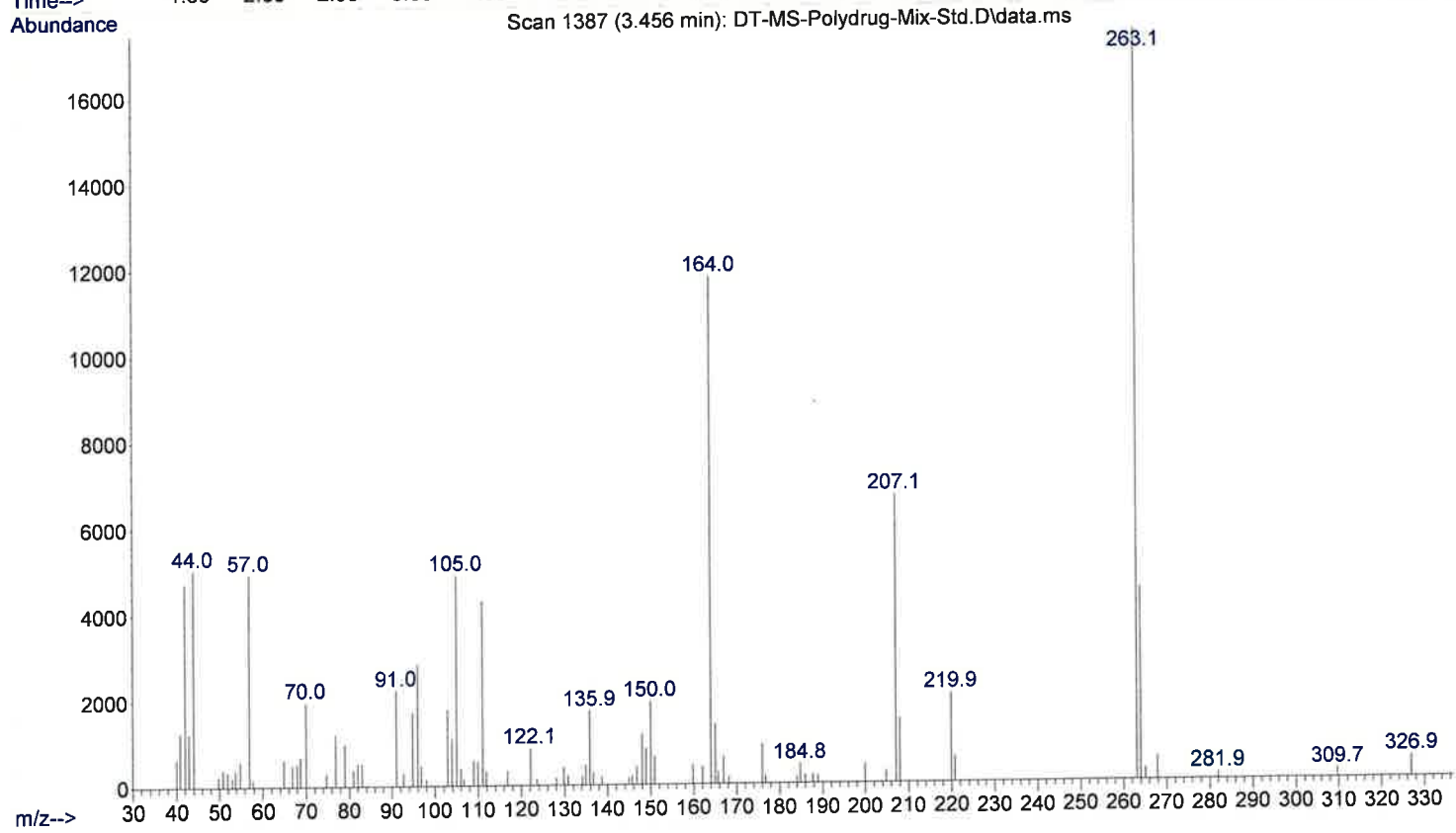
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Operator : RH
Instrument : Quincy
Acquired : 01 Apr 2026 00:25 using AcqMethod DTDRUGS200.M
Sample Name: Polydrug-Mix-Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



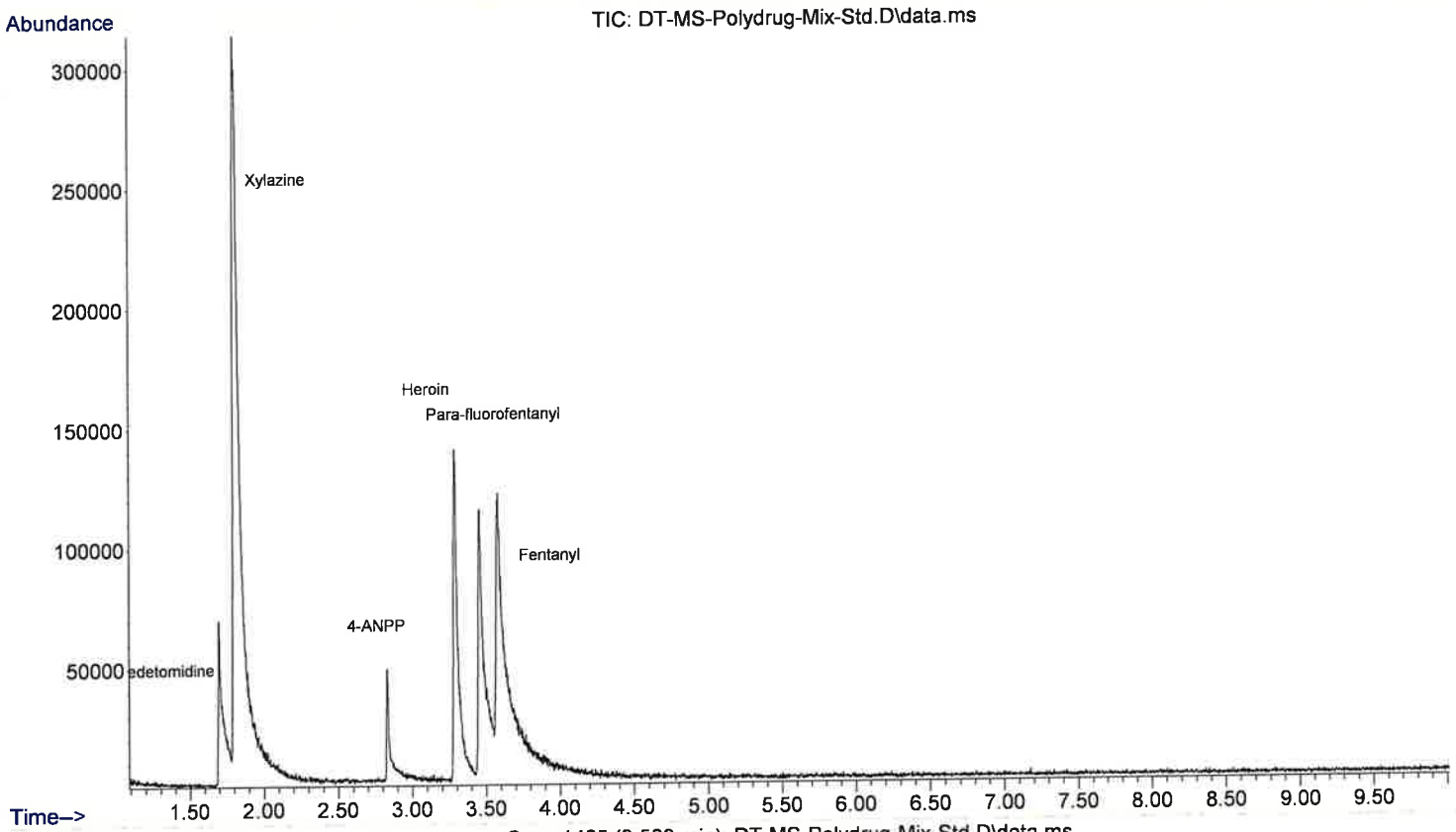


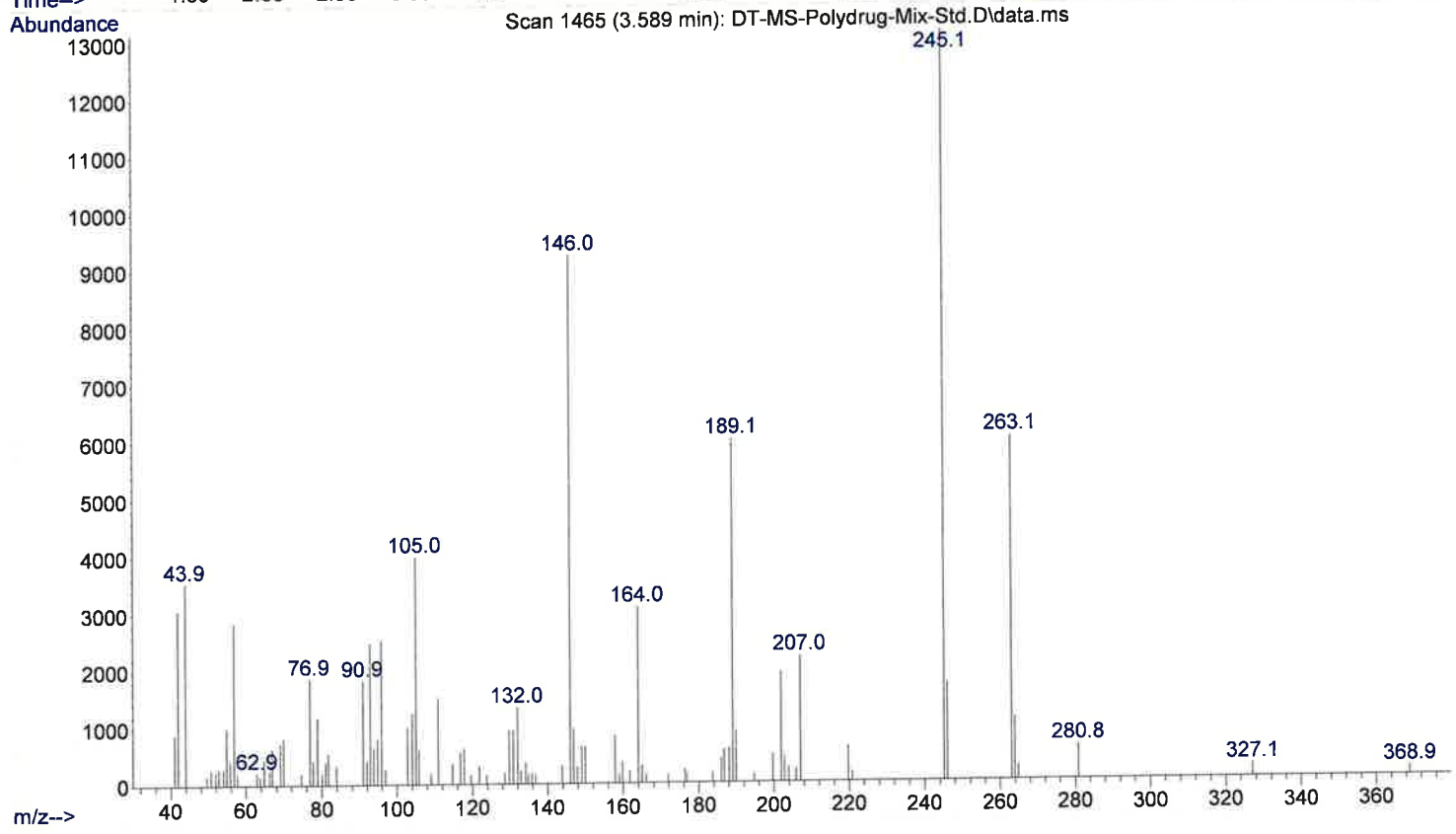
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Instrument : Quincy
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Sample Name: Polydrug-Mix-Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



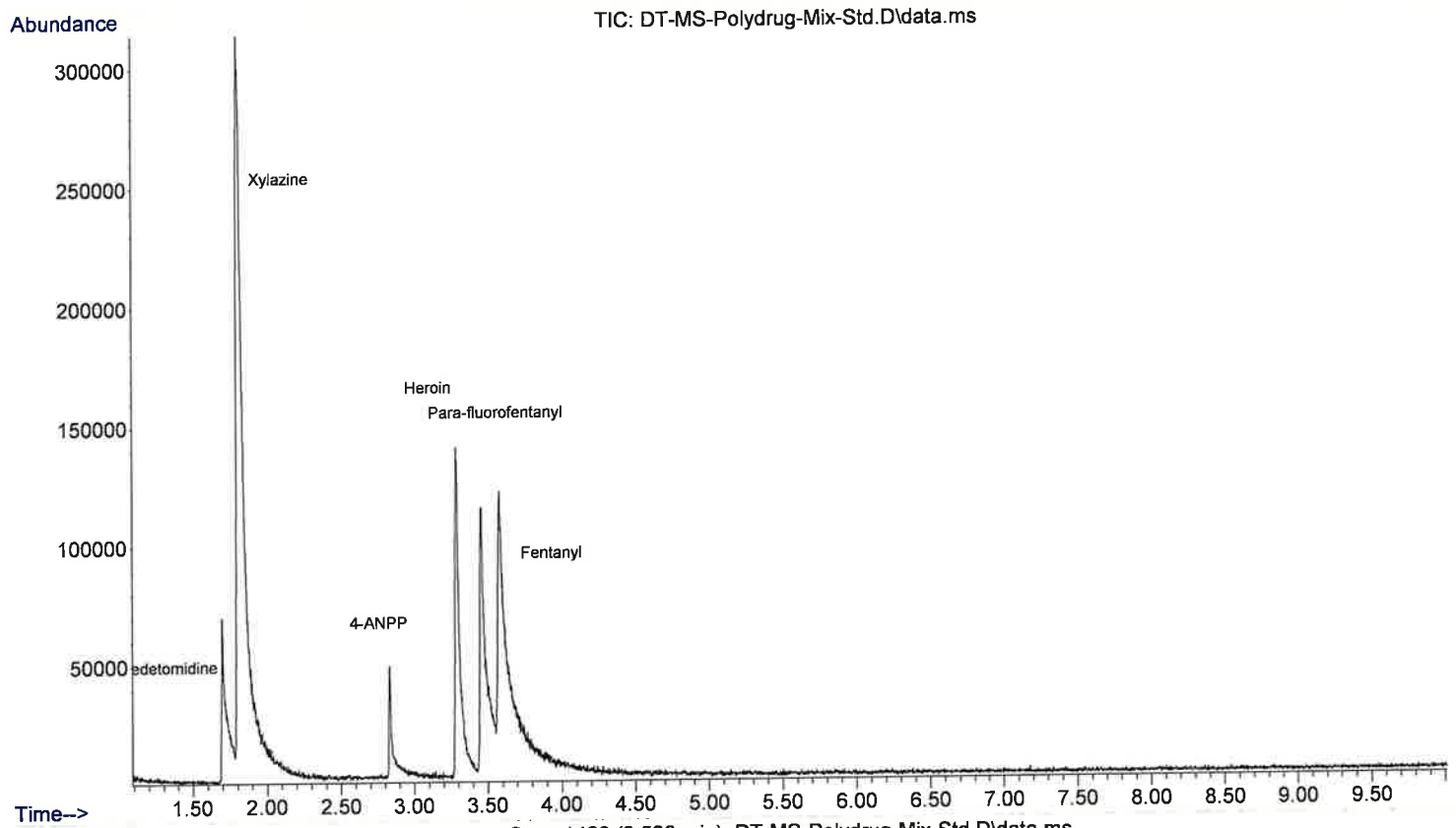


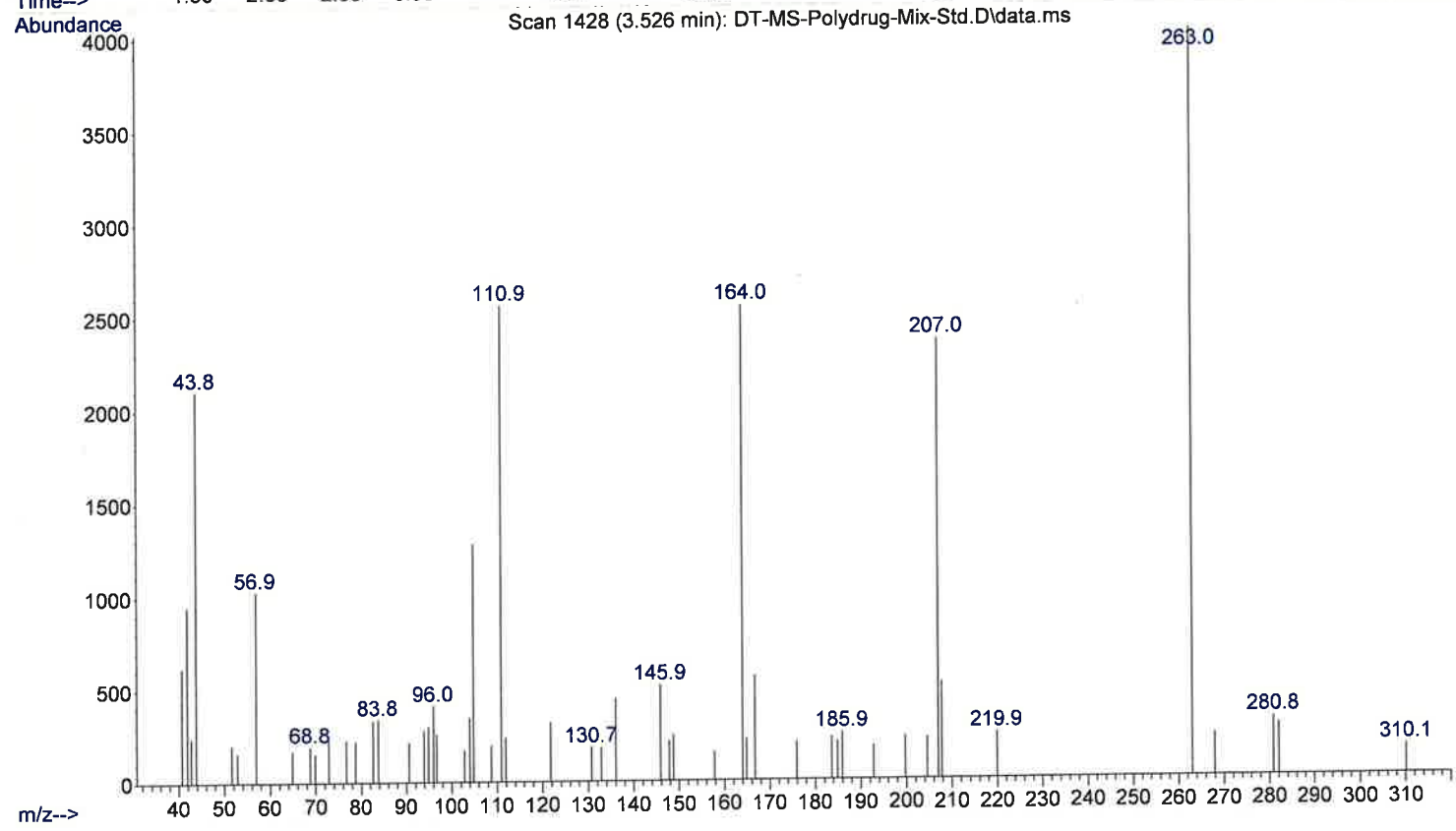
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Operator : RH
Instrument : Quincy
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Sample Name: Polydrug-Mix-Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED





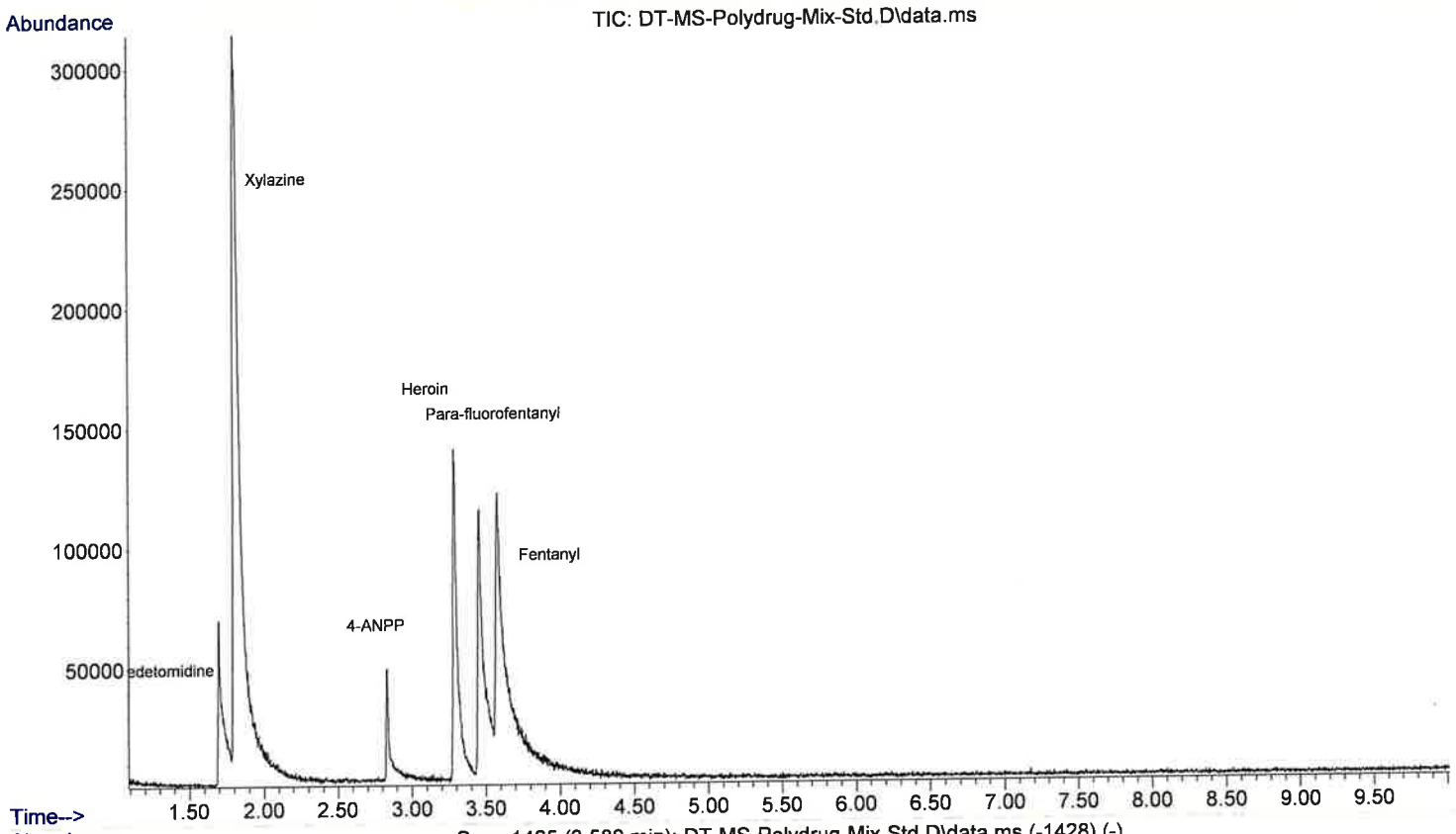
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Operator : RH
Instrument : Quincy
Acquired : 01 Apr 2026 00:25 using AcqMethod DTDRUGS200.M
Sample Name: Polydrug-Mix-Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED

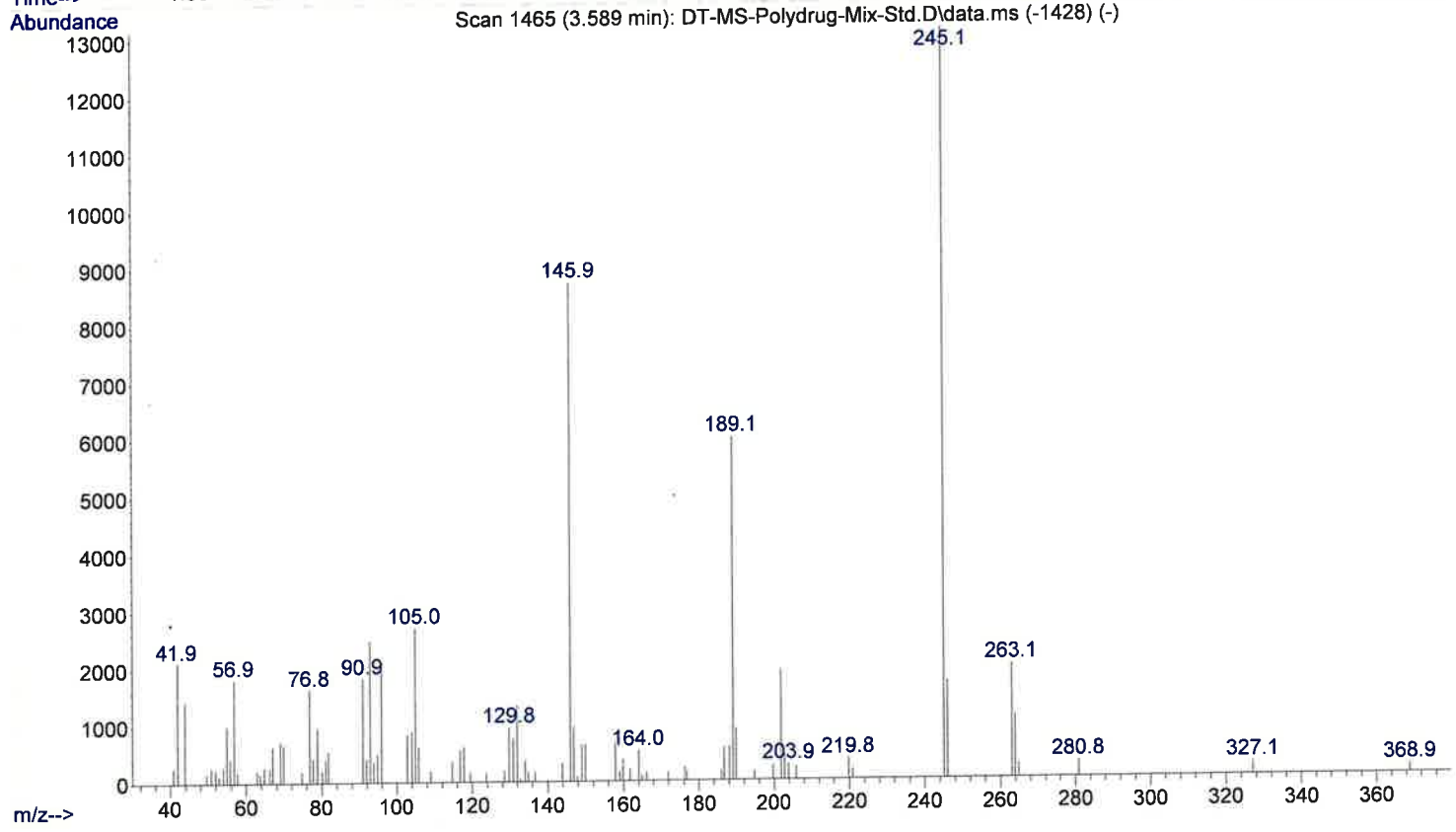




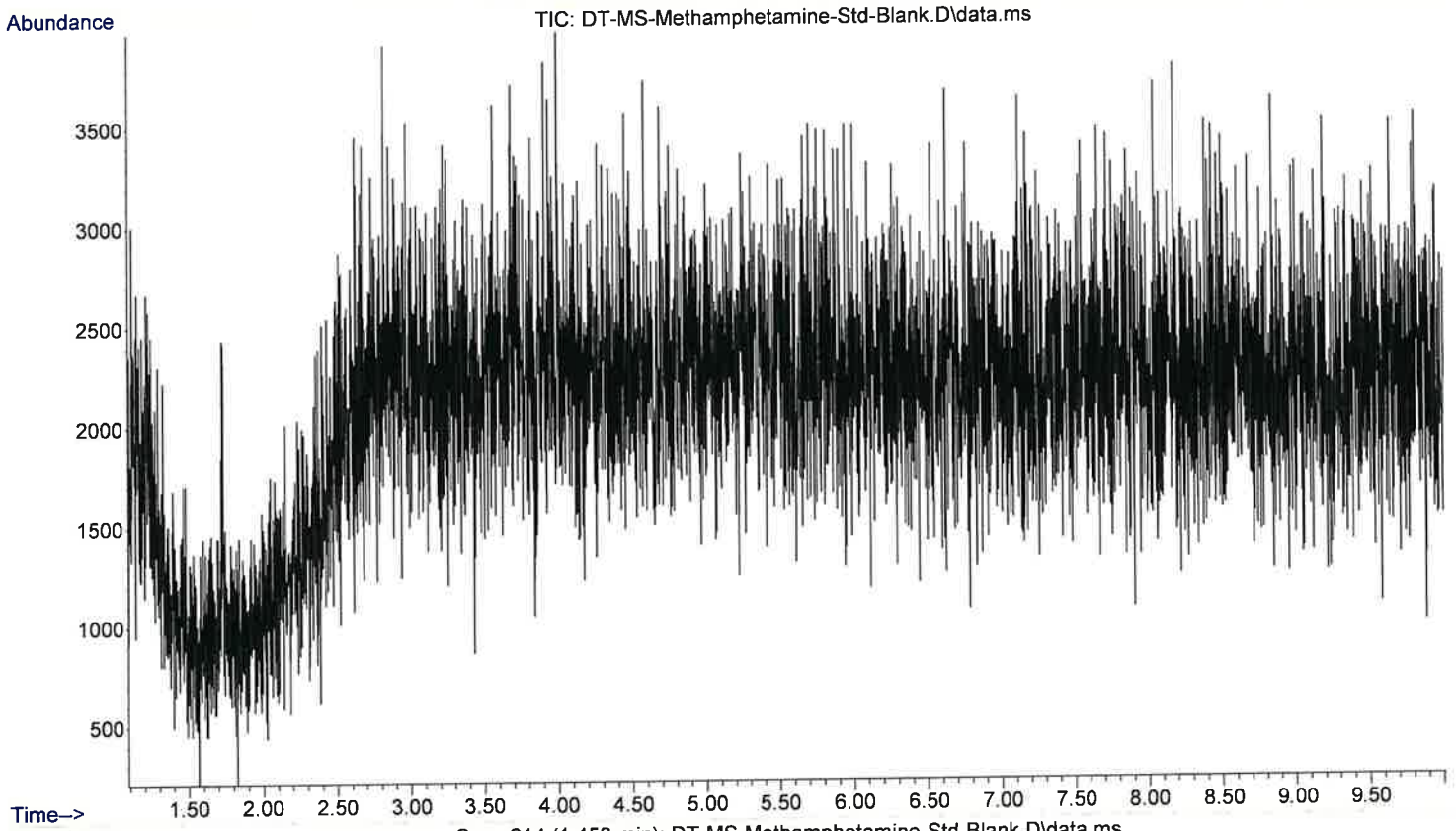
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Instrument : Quincy
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Sample Name: Polydrug-Mix-Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED

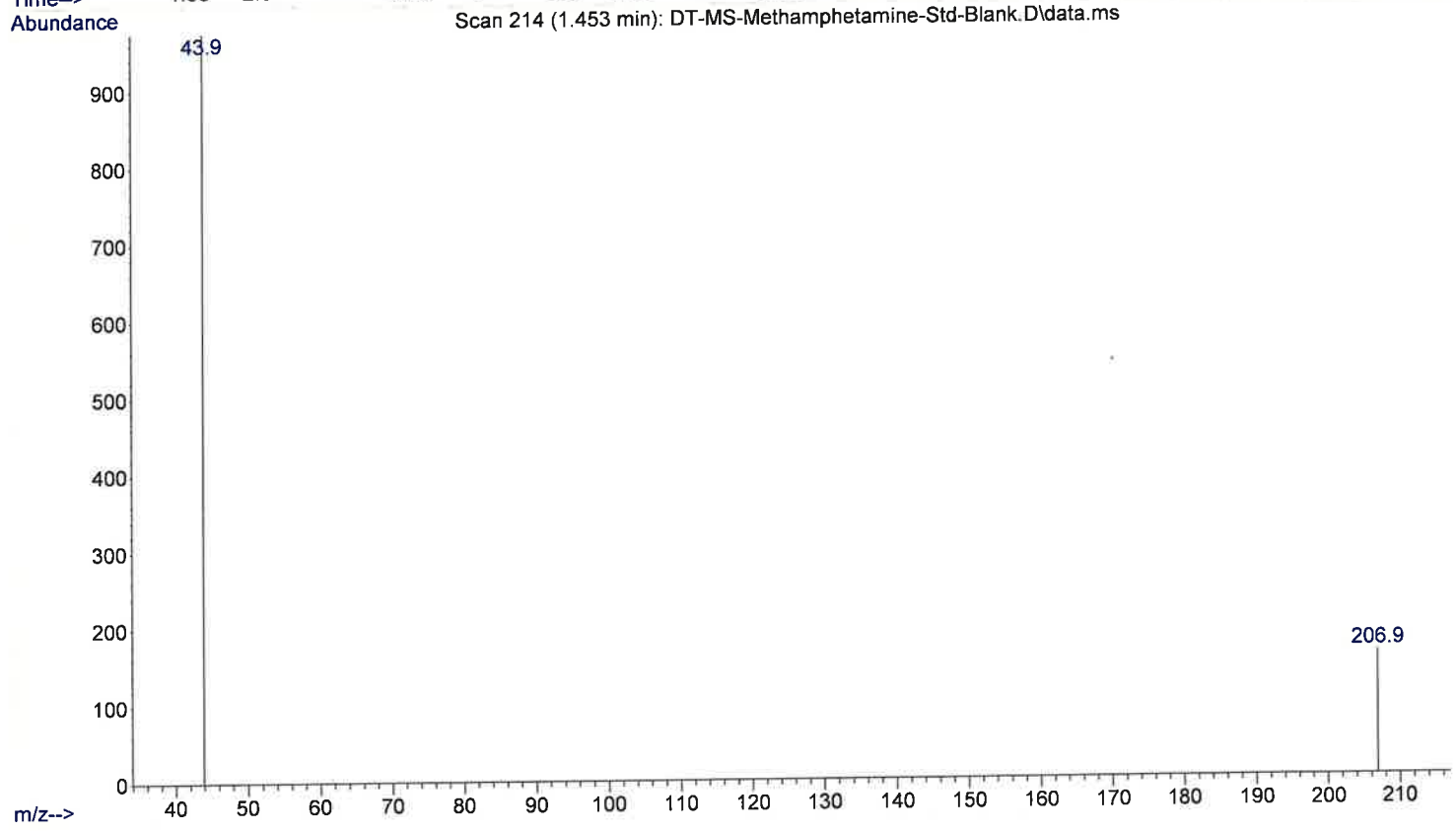
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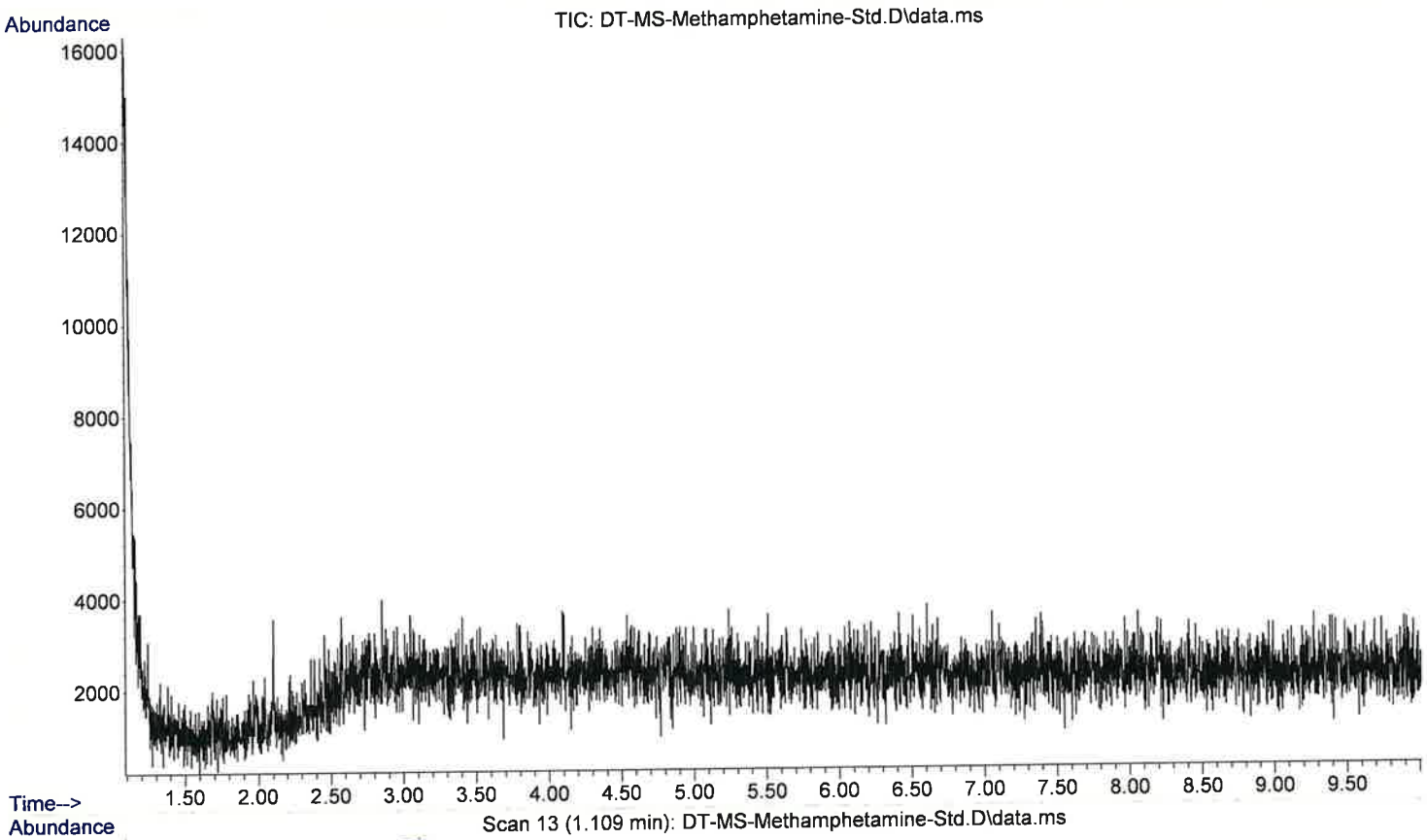


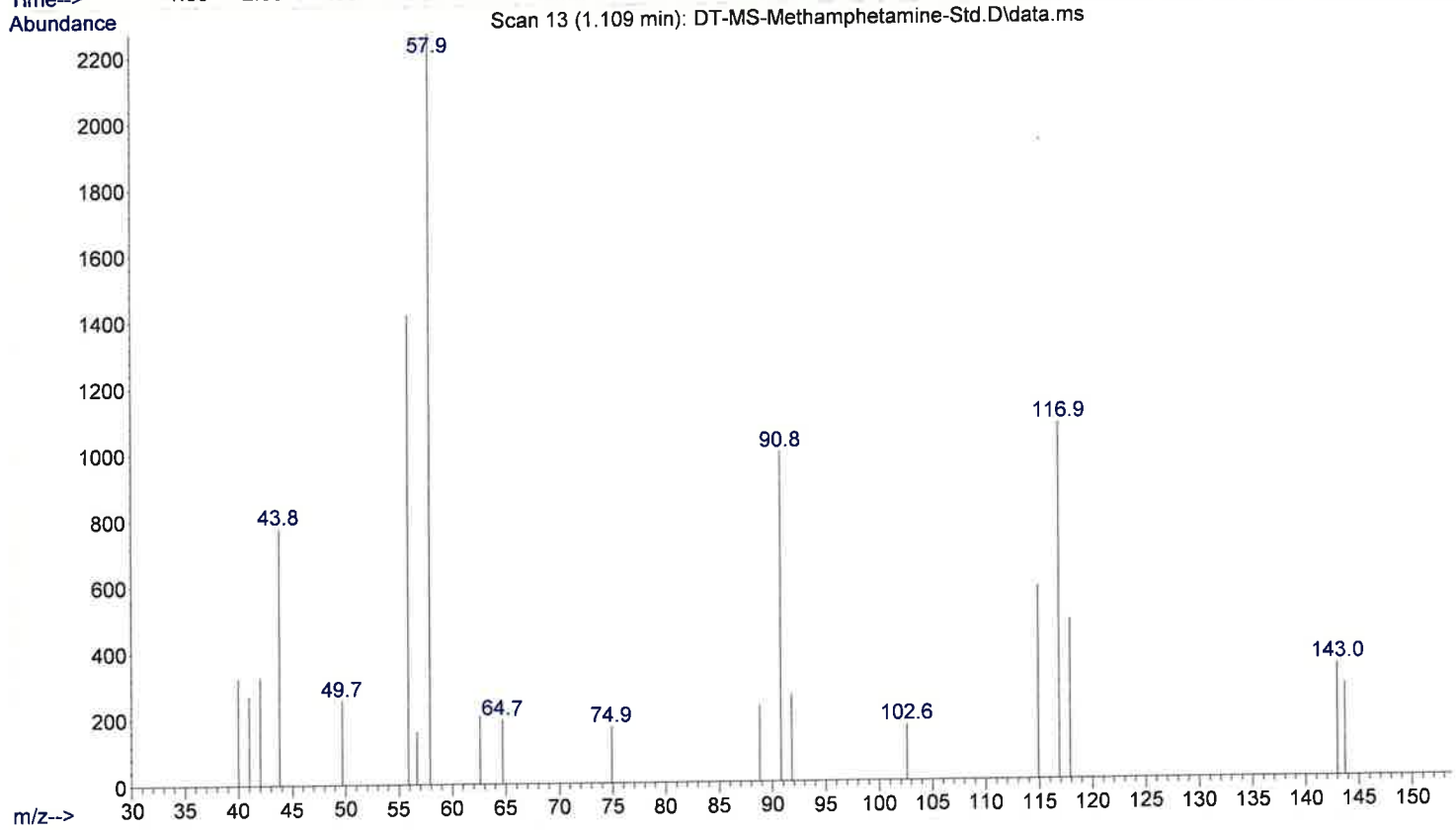
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 22:31 using AcqMethod DTDRUGS200.M
Sample Name: Methamphetamine Std Blank
Misc Info : Meoh



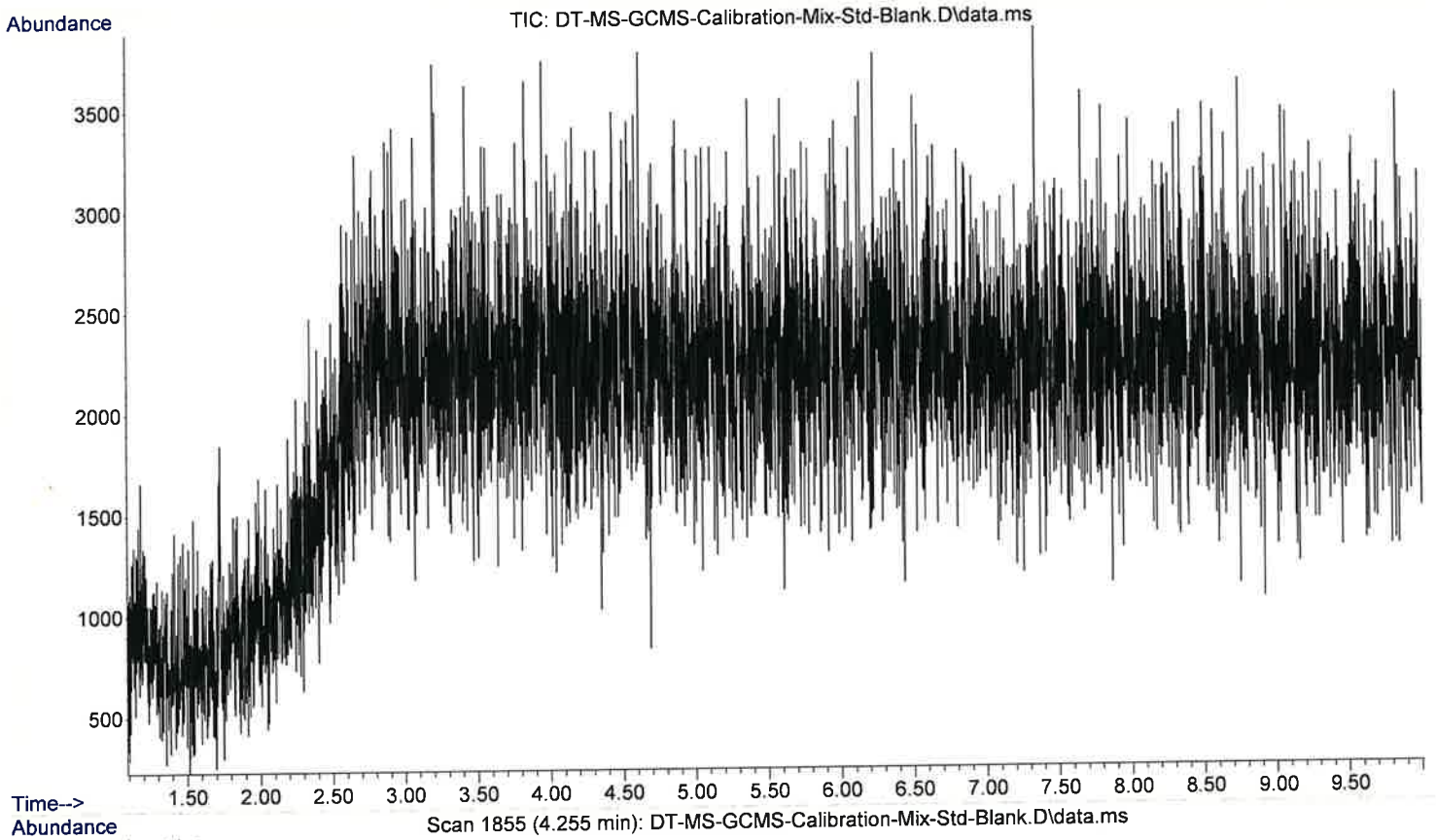


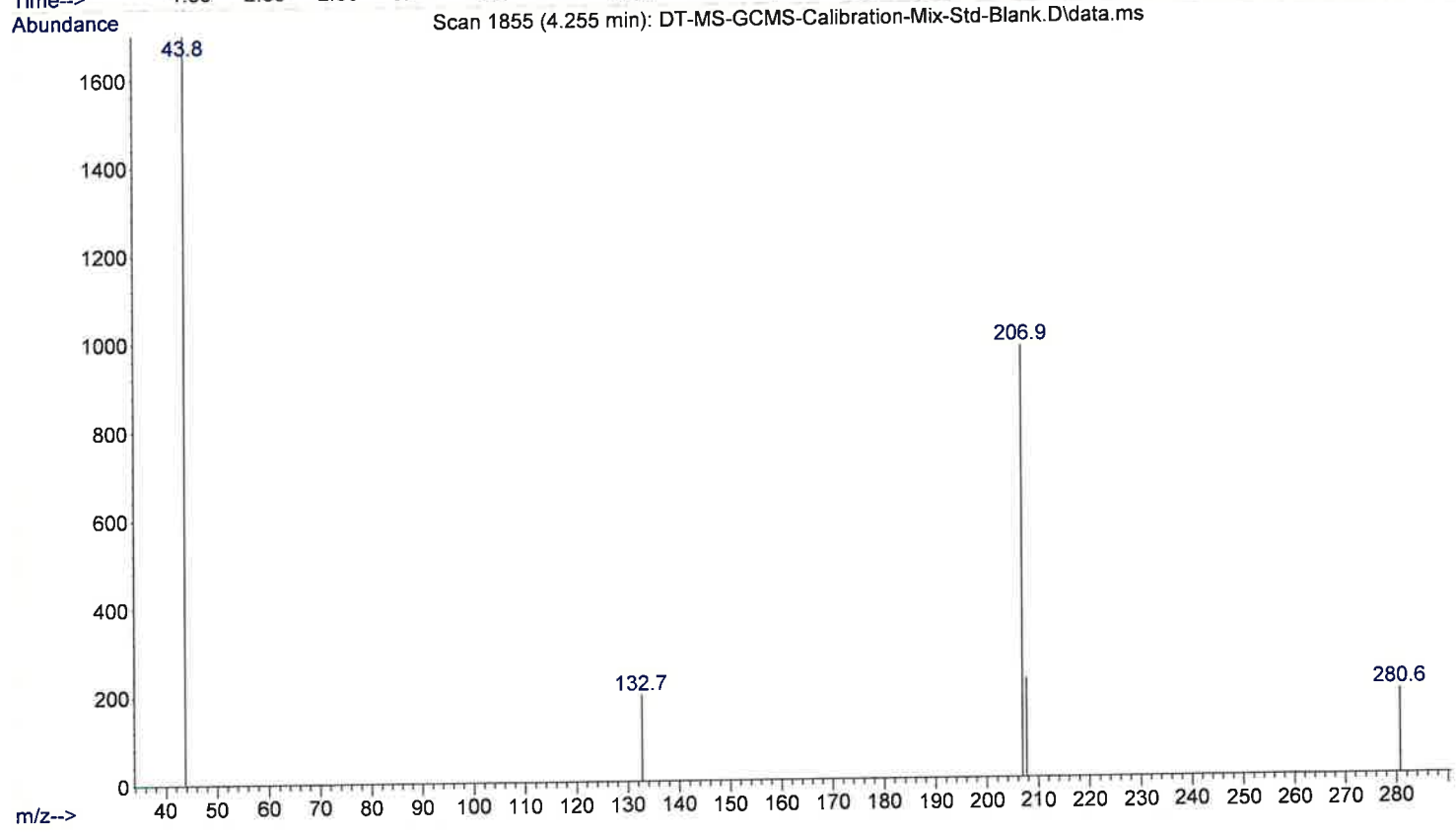
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 22:44 using AcqMethod DTDRUGS200.M
Sample Name: Methamphetamine Std
Misc Info : Meoh,Cerilliant,LotFE006022204,Exp12-31-27



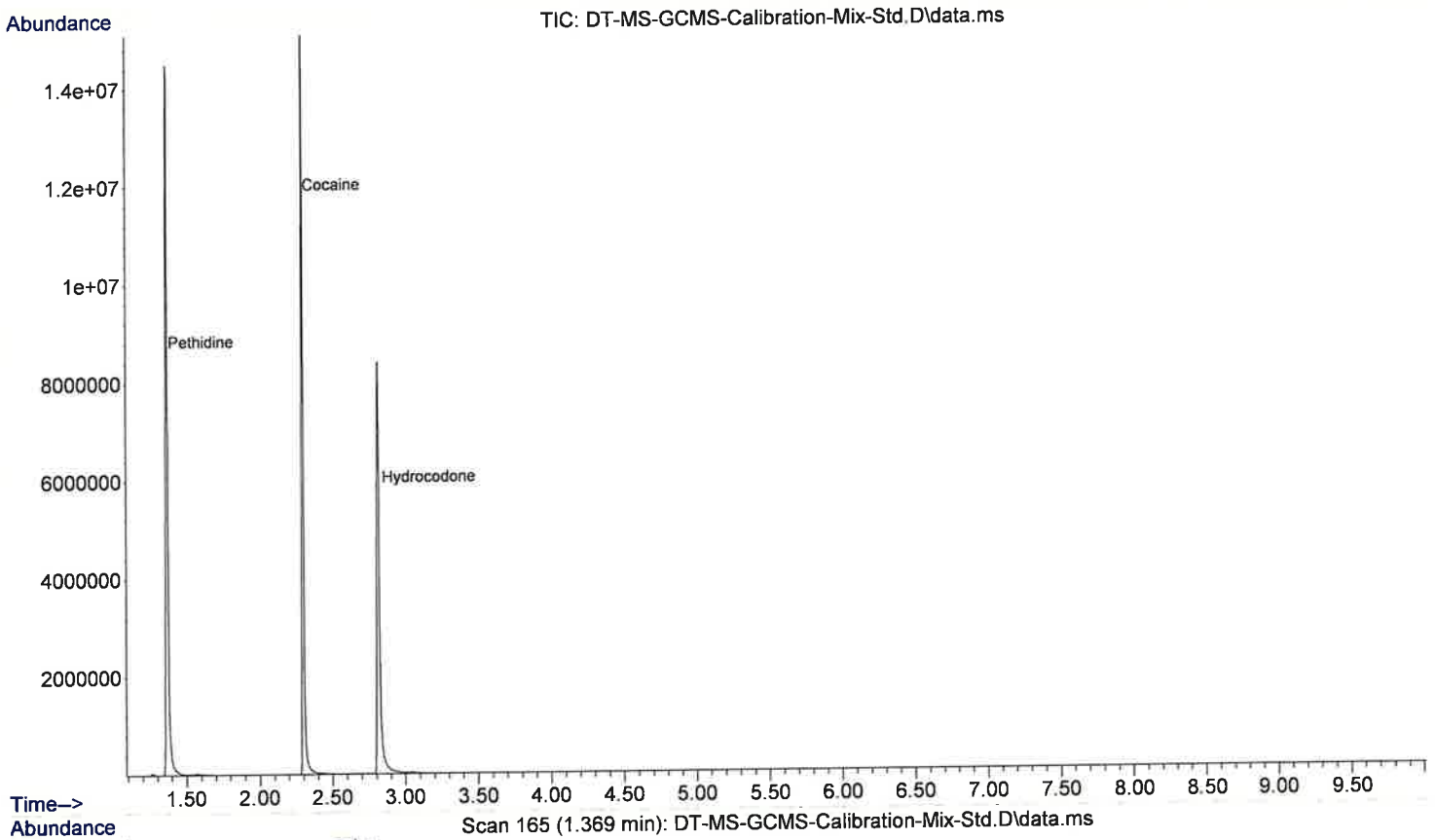


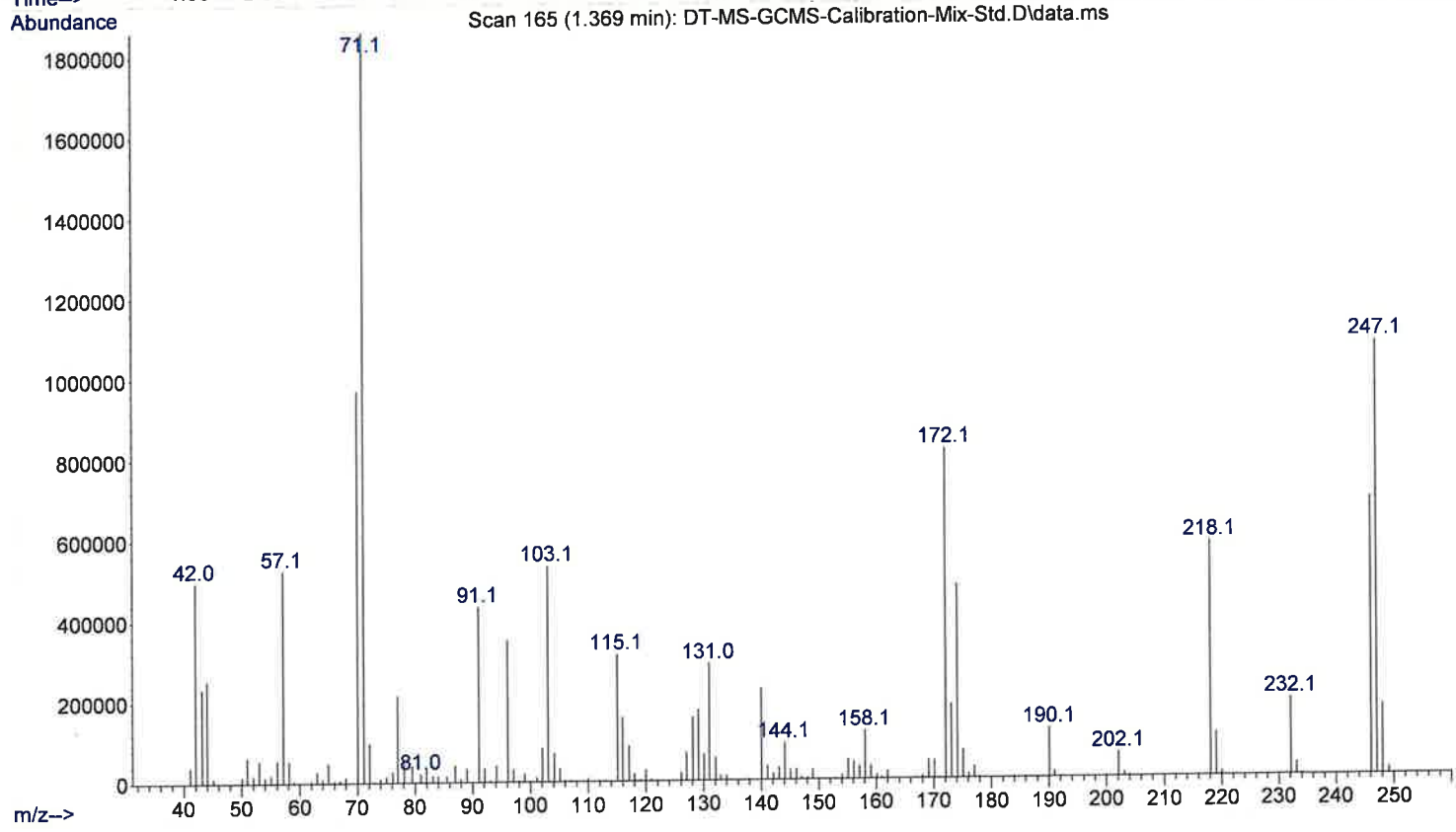
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 22:56 using AcqMethod DTDRUGS200.M
Sample Name: GCMS Calibration Mix Std Blank
Misc Info : Meoh



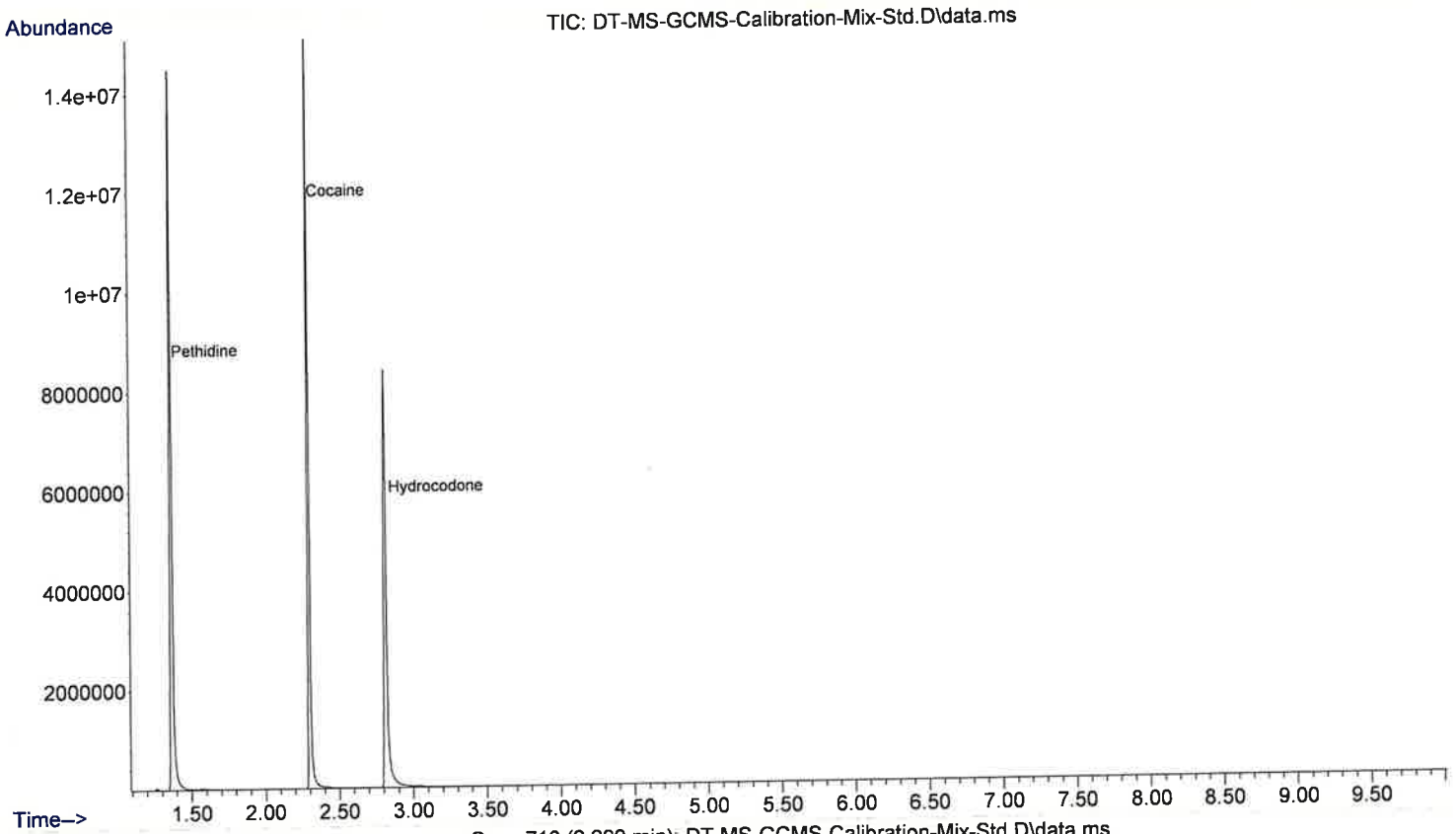


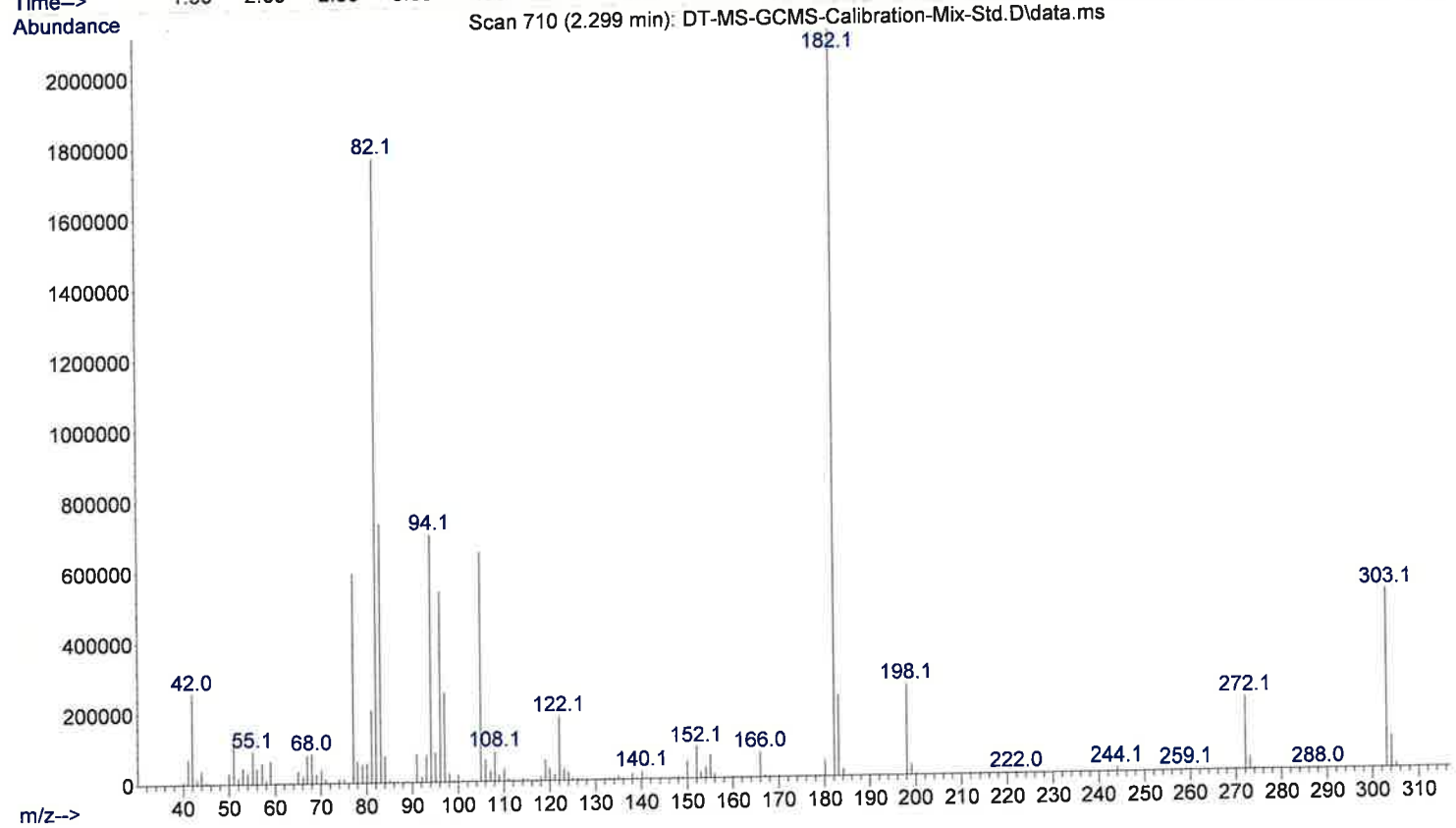
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Instrument : Quincy
Acquired : 31 Mar 2026 23:09 using AcqMethod DTDRUGS200.M
Sample Name: GCMS Calibration Mix Std
Misc Info : Meoh,Exp 03-06-27





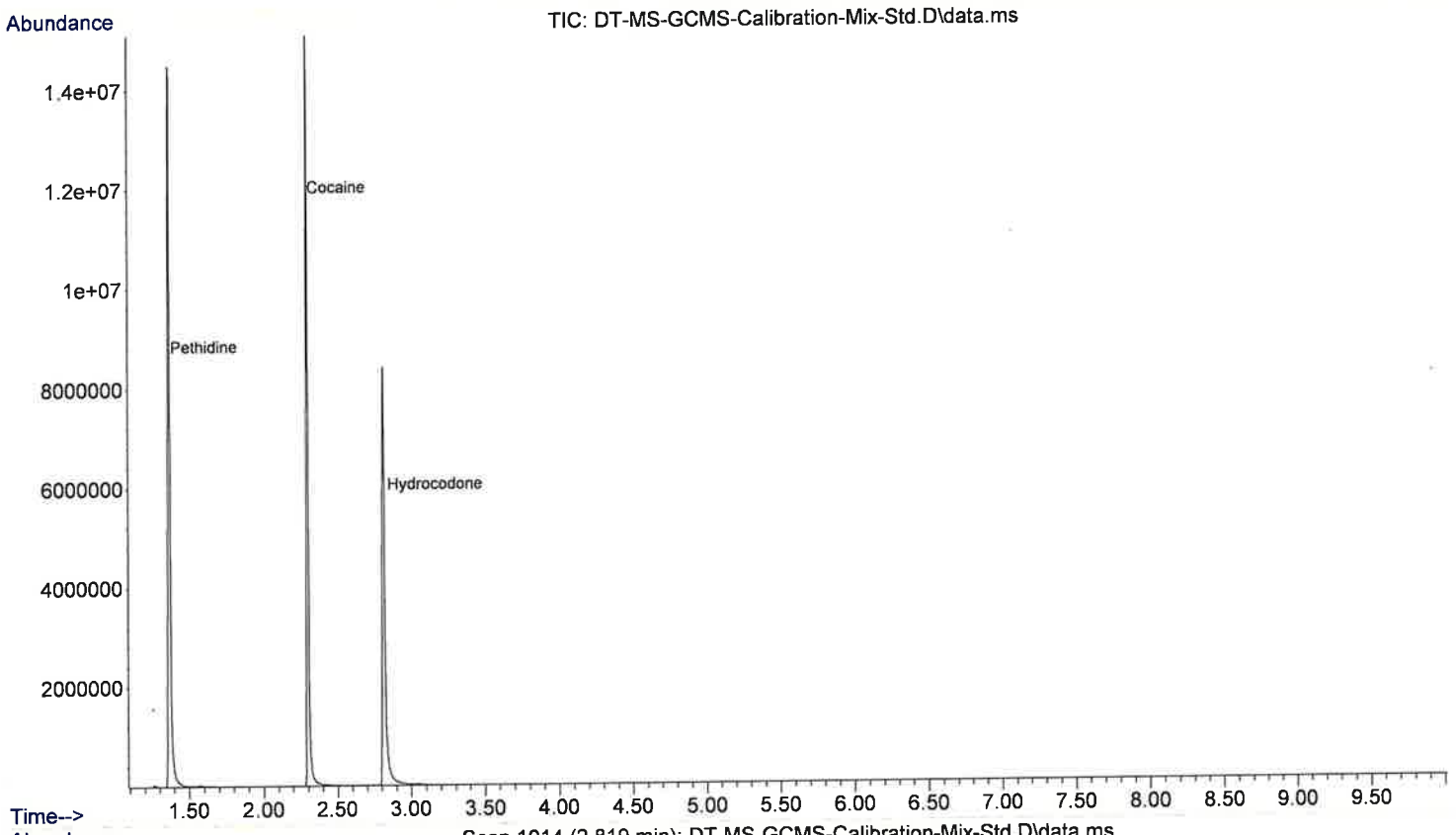
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Acquired : 31 Mar 2026 23:09 using AcqMethod DTDRUGS200.M
Sample Name: GCMS Calibration Mix Std
Misc Info : Meoh,Exp 03-06-27

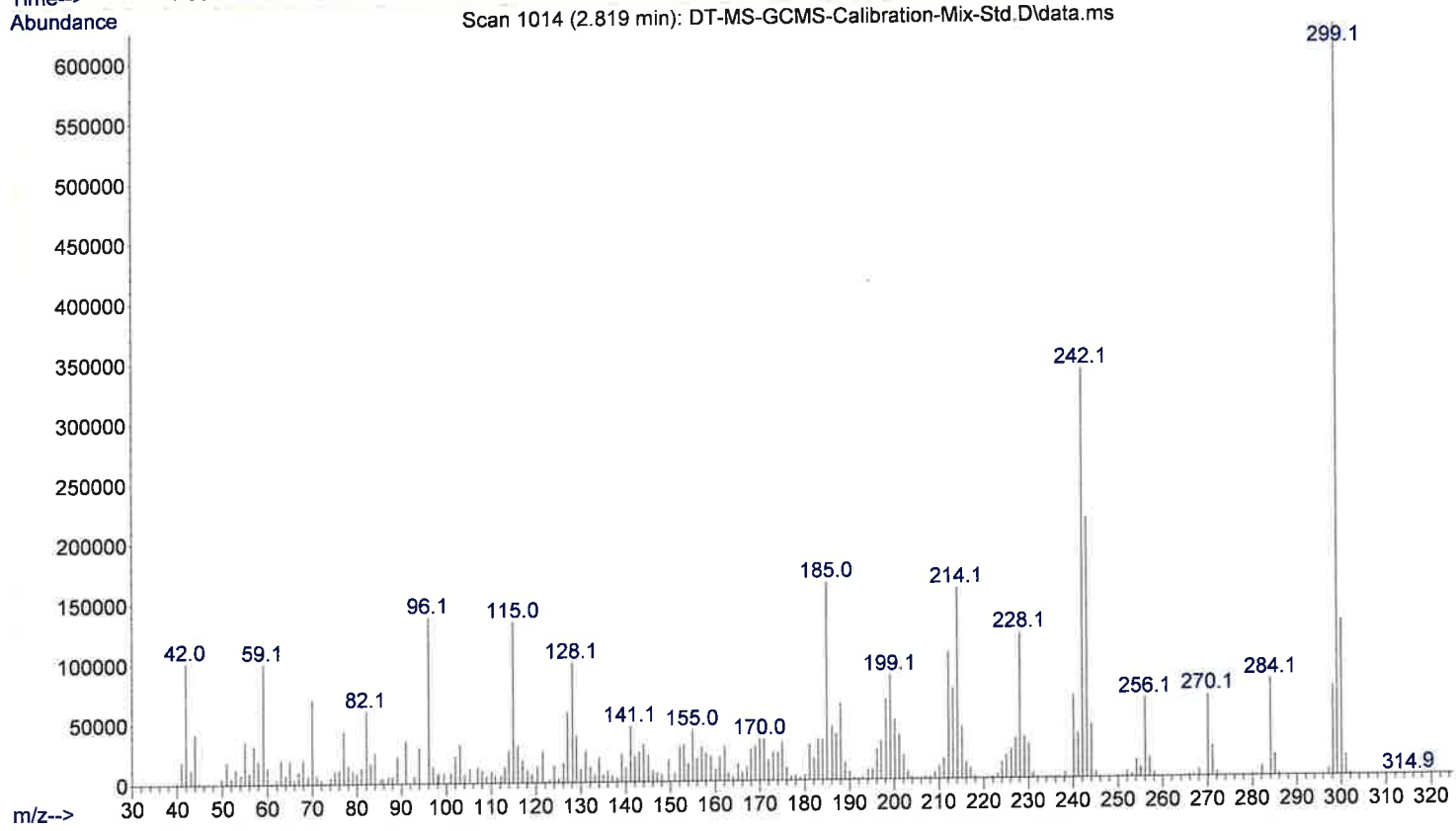




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Sample Name: GCMS Calibration Mix Std
Misc Info : Meoh,Exp 03-06-27

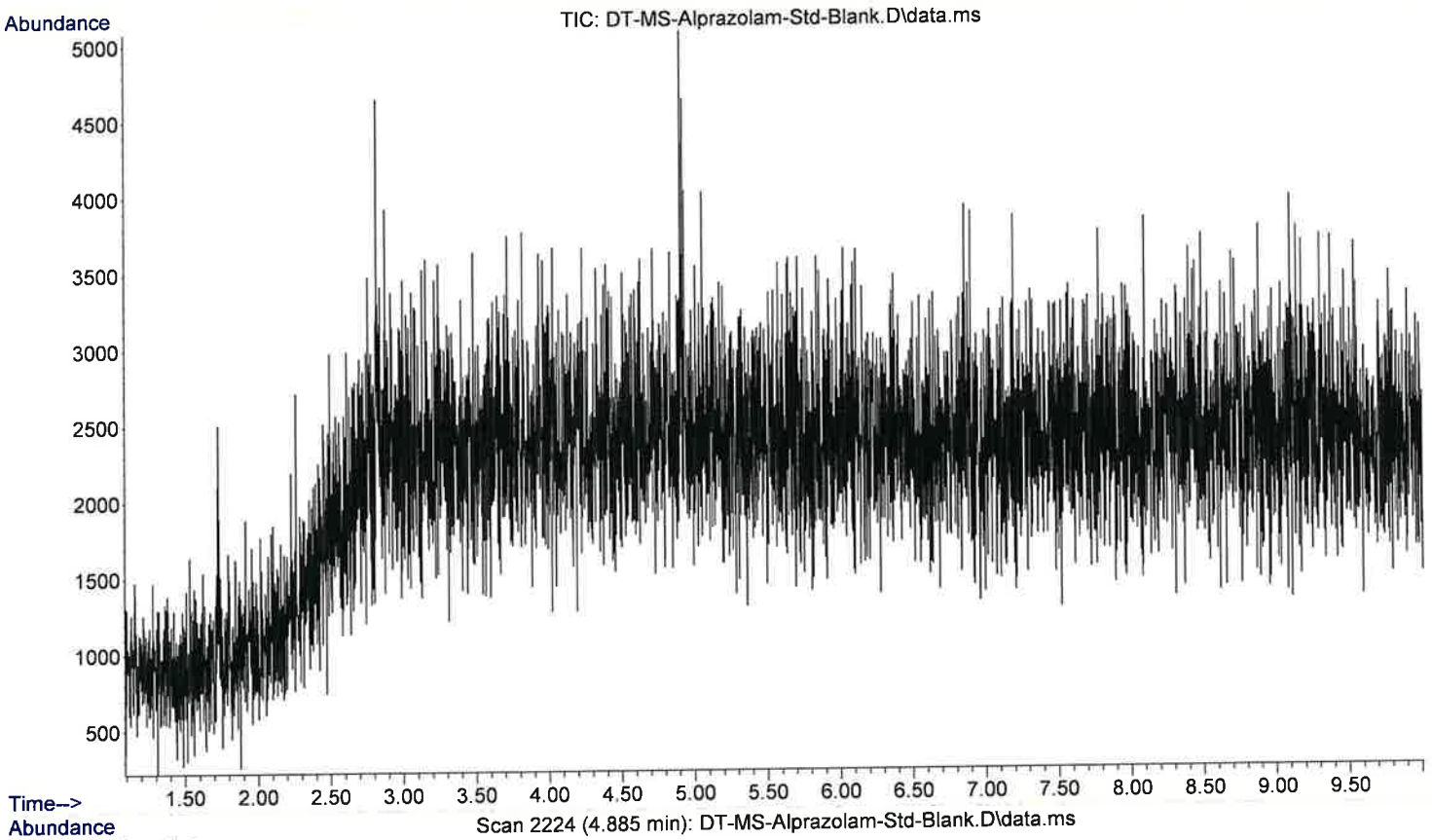
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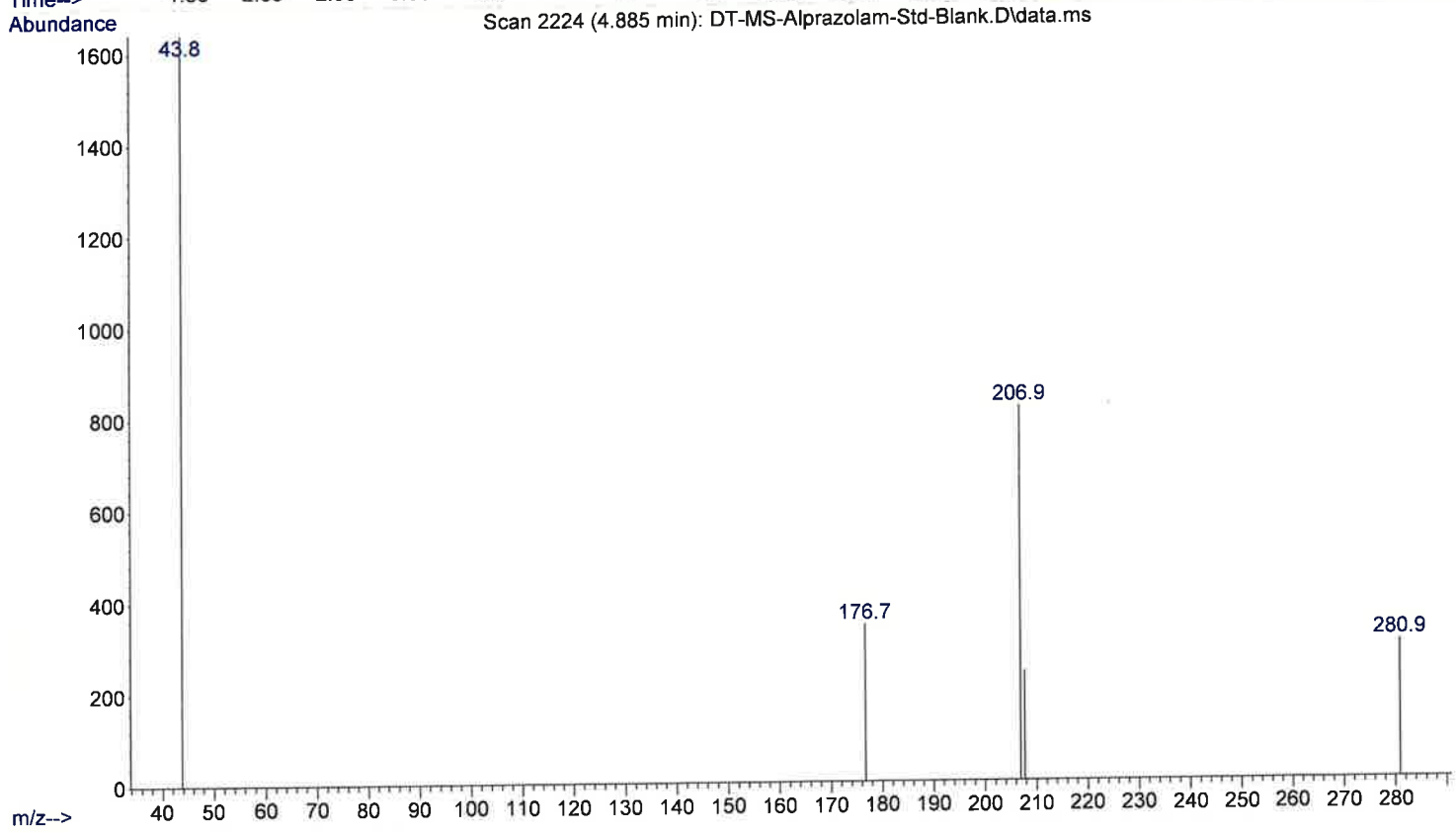




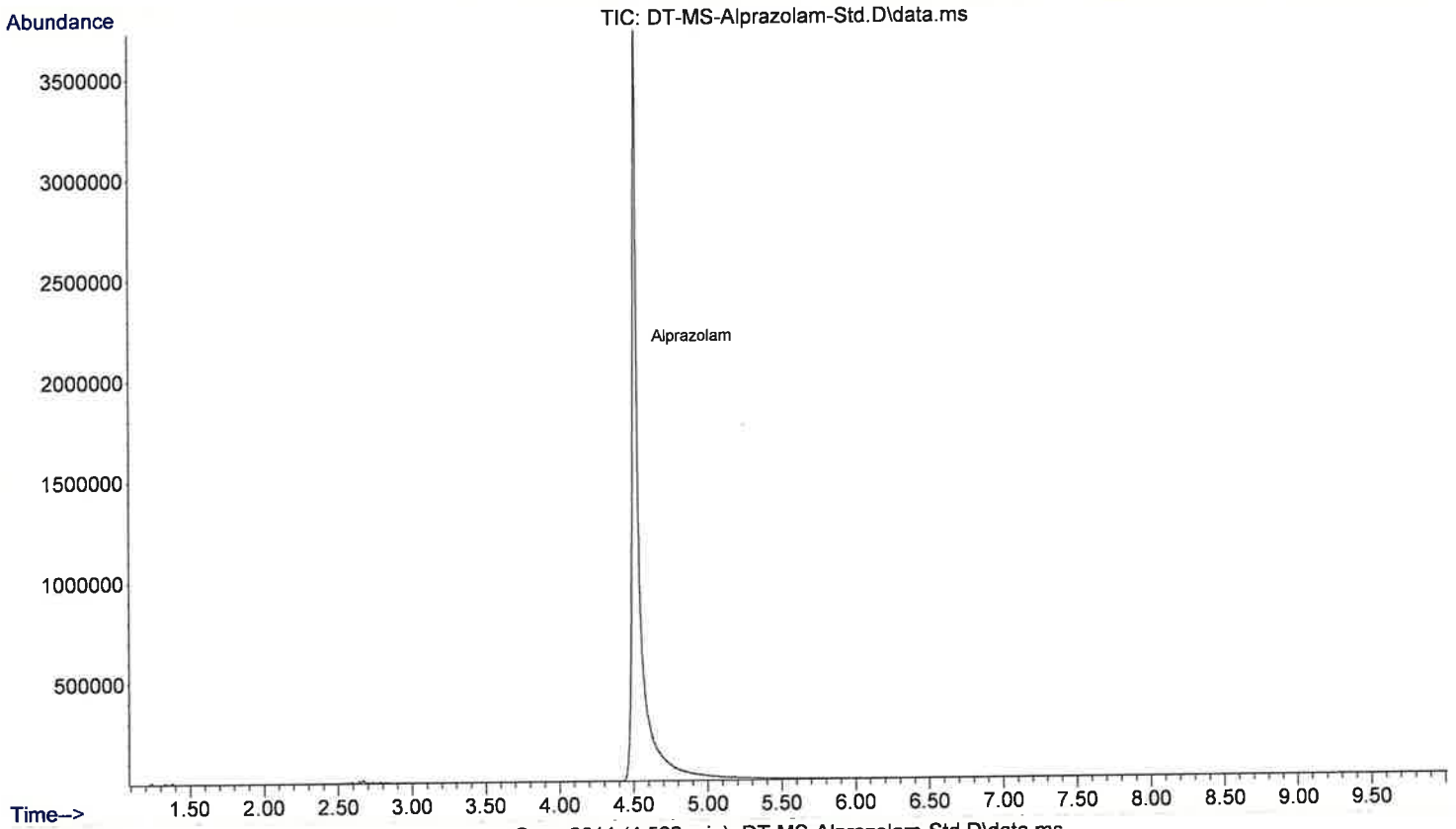
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 23:22 using AcqMethod DTDRUGS200.M
Sample Name: Alprazolam Std Blank
Misc Info : Meoh

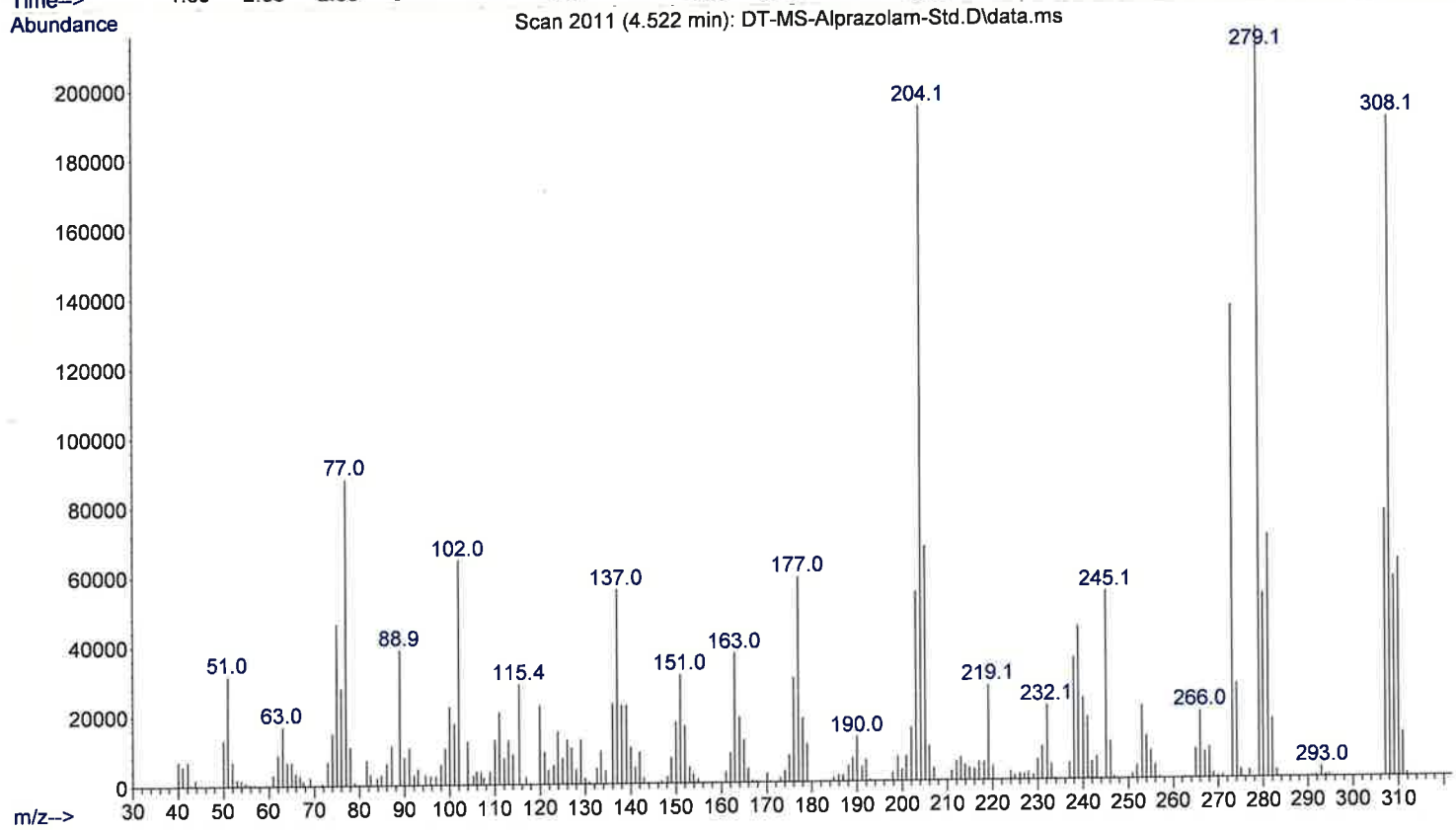
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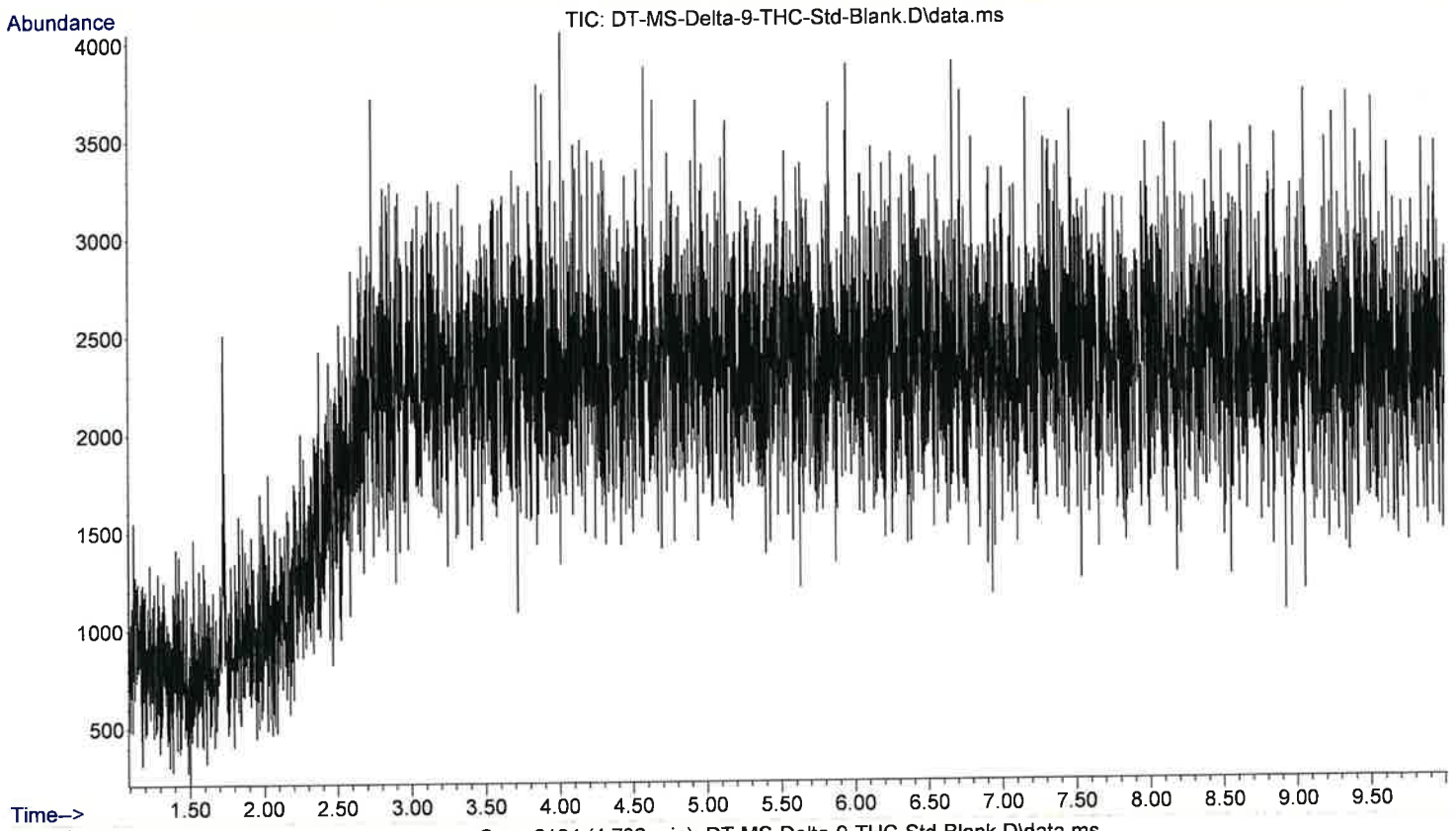


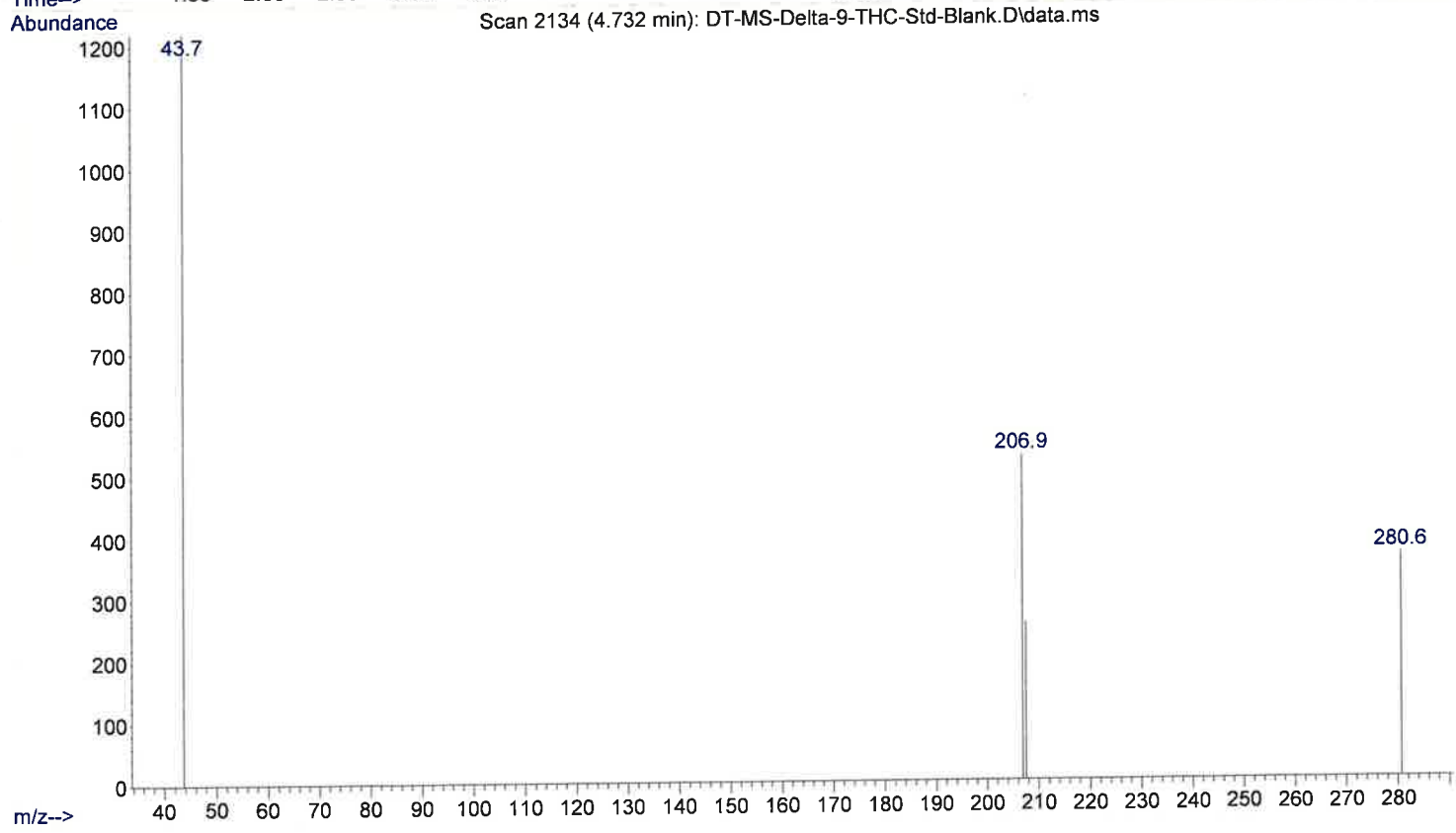
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Operator : RH
Instrument : Quincy
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Sample Name: Alprazolam Std
Misc Info : Meoh,Cerilliant,LotFE050032221,Exp01-31-28



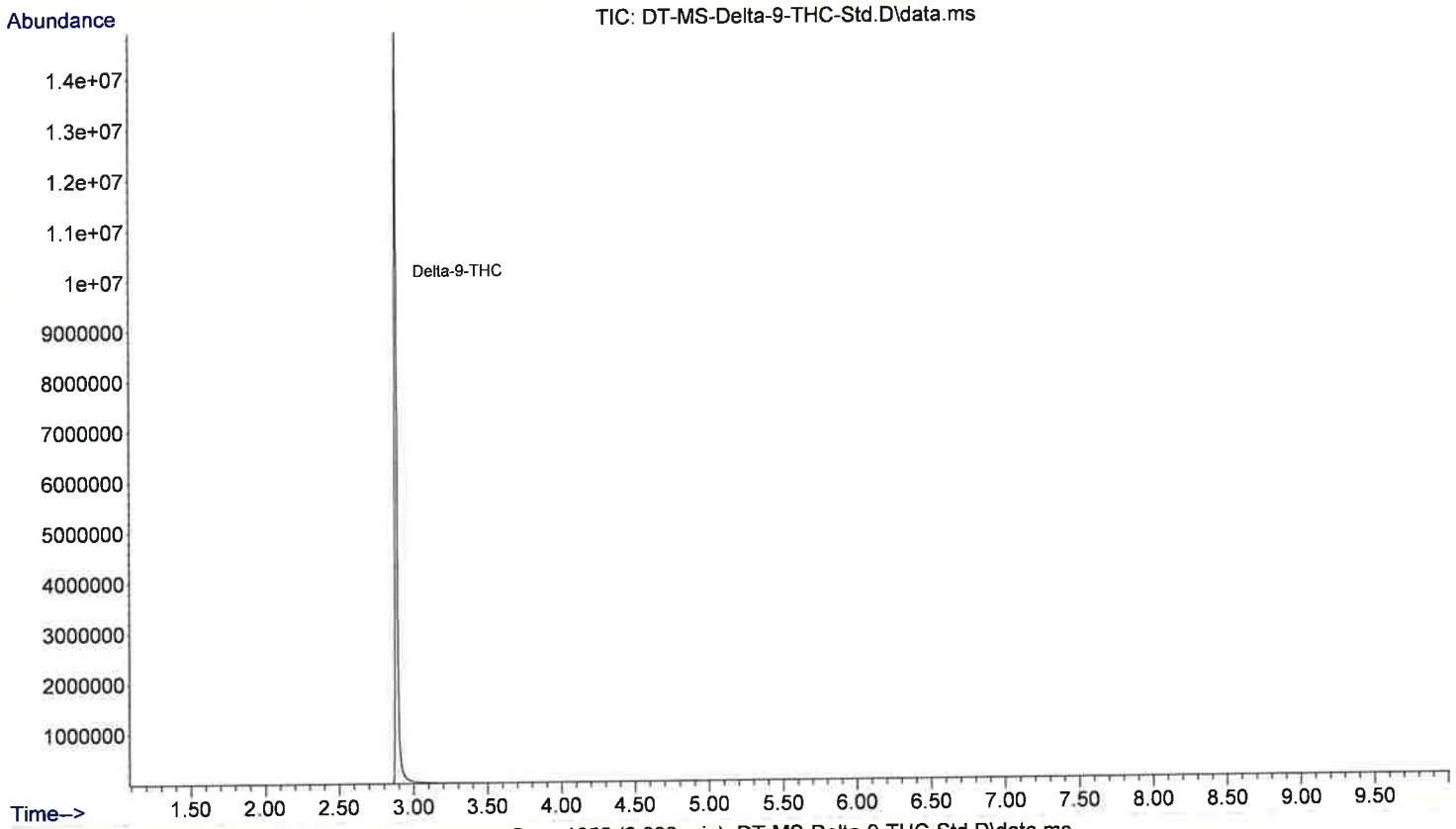


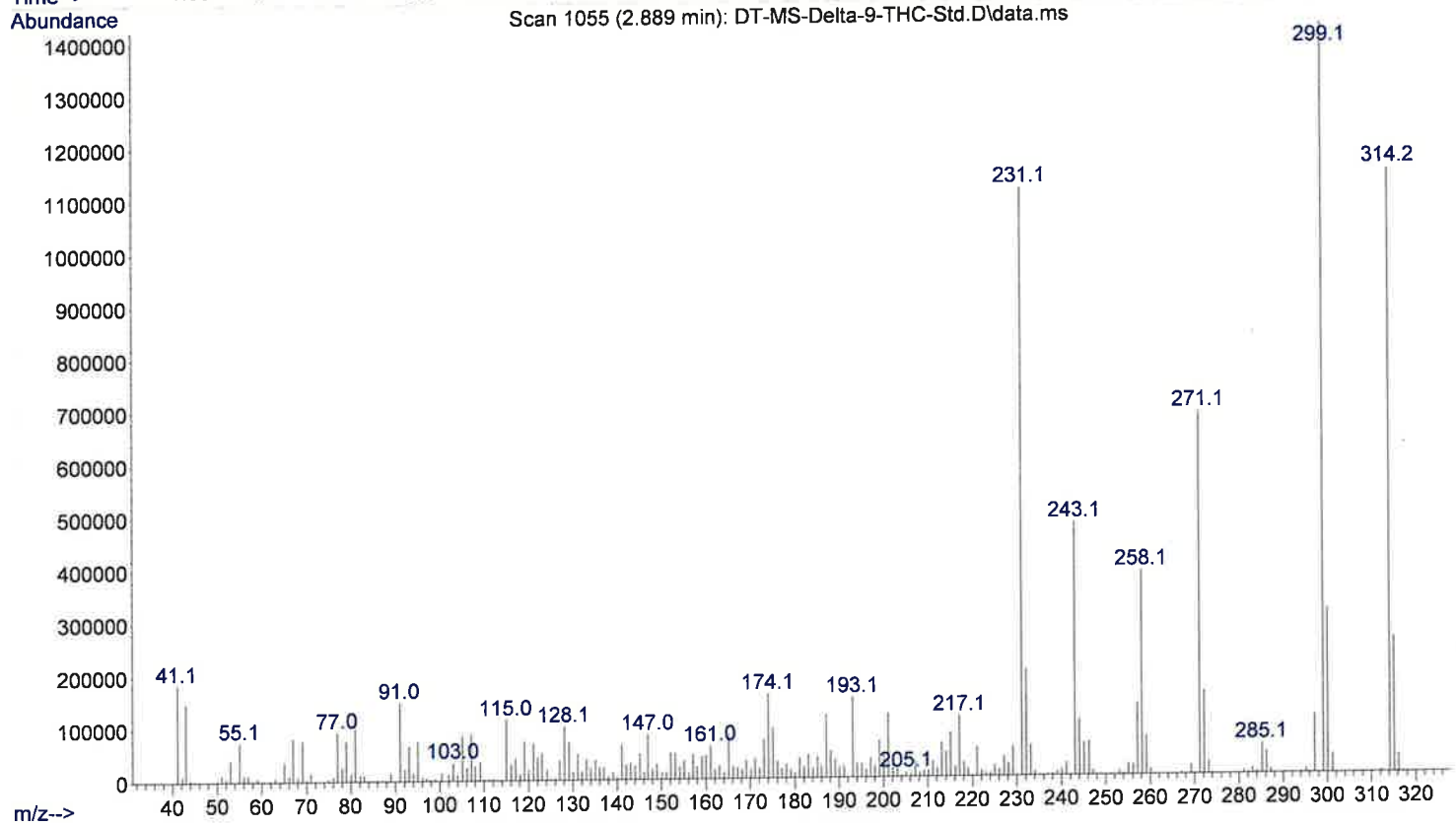
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Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 23:47 using AcqMethod DTDRUGS200.M
Sample Name: Delta-9 THC Std Blank
Misc Info : Meoh



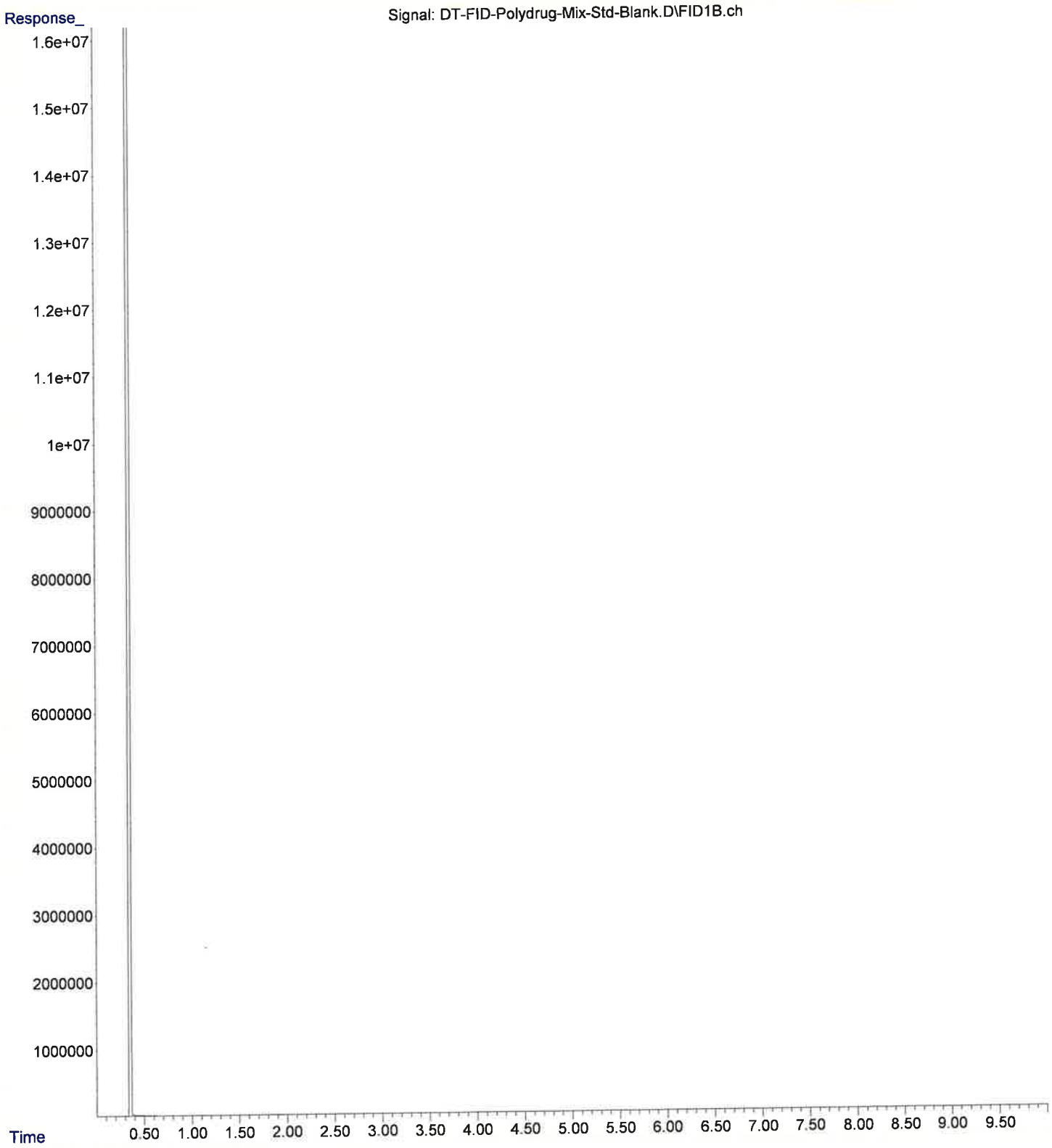


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Operator : RH
Instrument : Quincy
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Sample Name: Delta-9 THC Std
Misc Info : Meoh,Cerilliant,LotFE06212201,Exp10-31-27

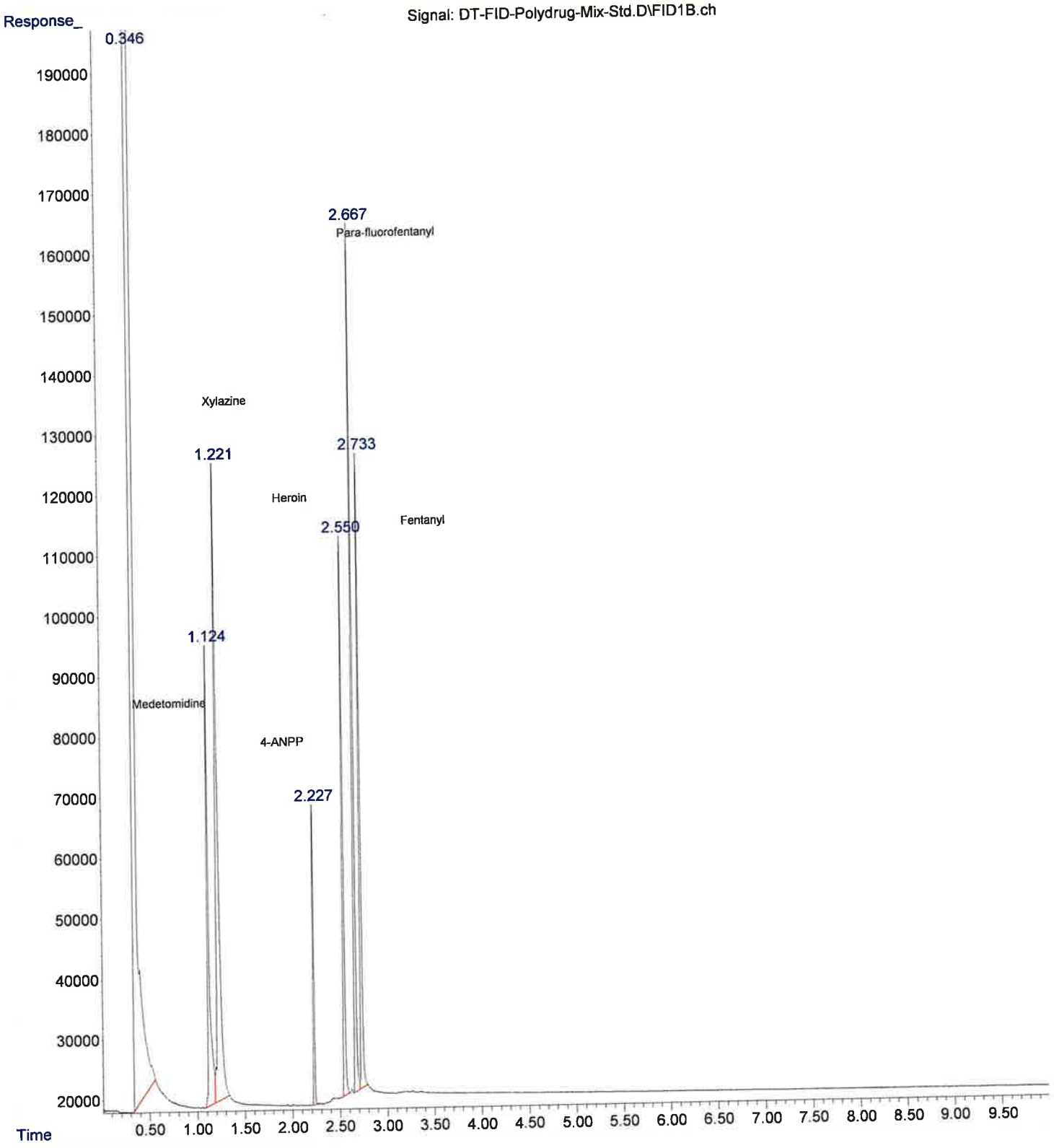




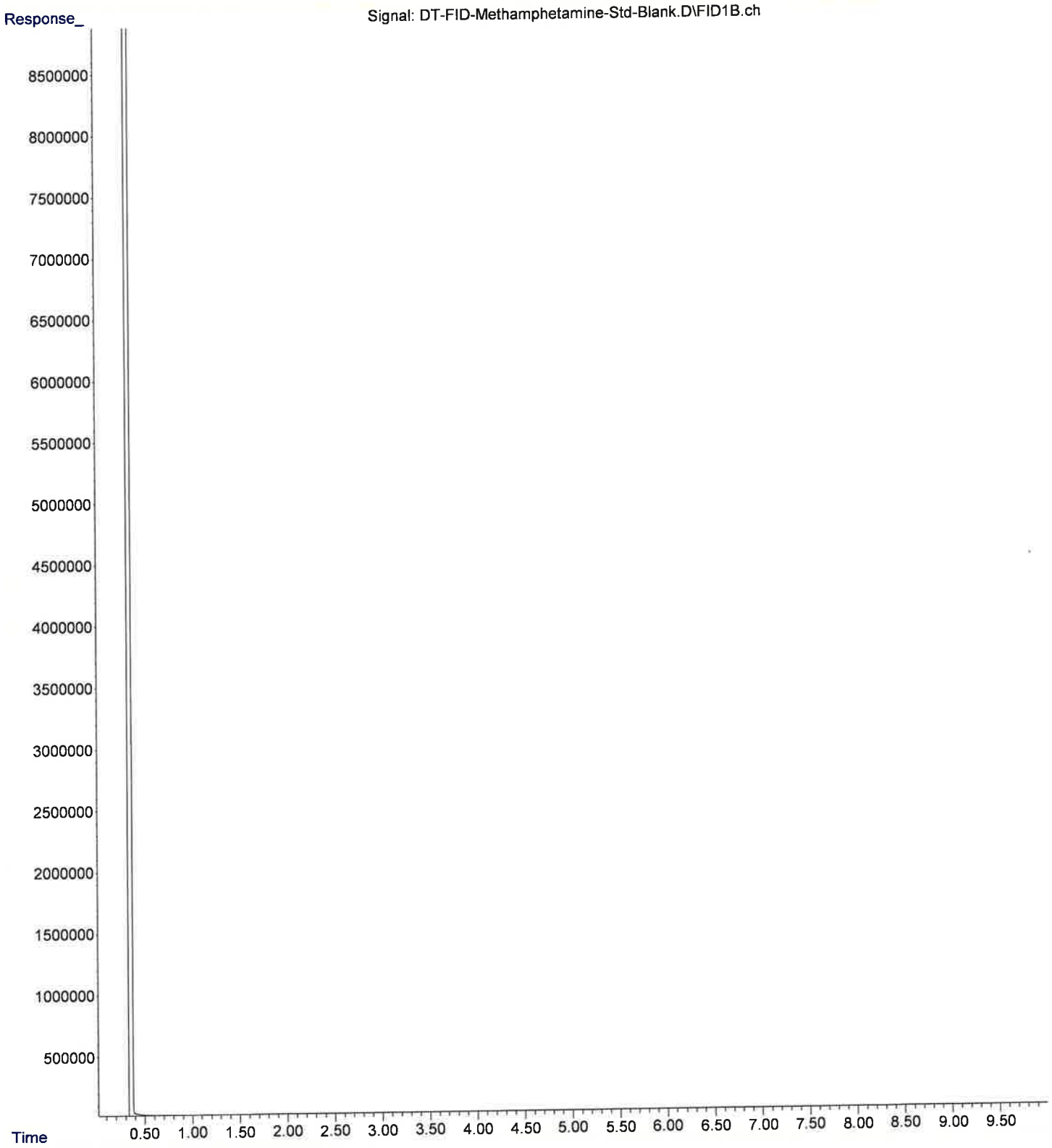
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Operator : RH
Instrument : Quincy
Acquired : 01 Apr 2026 00:12 using AcqMethod DTDRUGS200.M
Sample Name: Polydrug-Mix-Std-Blank
Misc Info : Acetonitrile



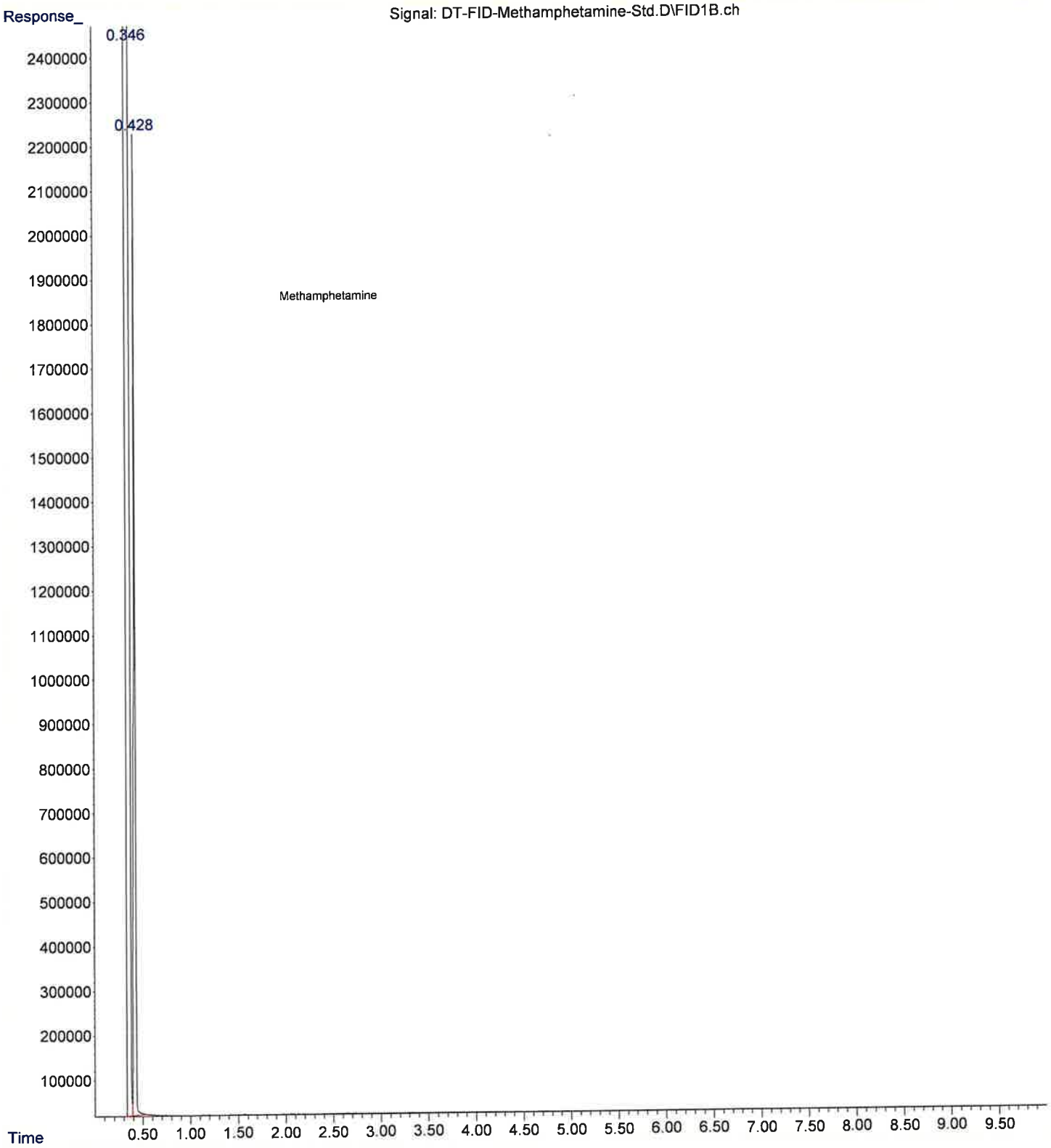
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... NJECTION 3-31-26.SEC\DT-FID-Polydrug-Mix-Std.D
Operator : RH
Instrument : Quincy
Acquired : 01 Apr 2026 00:25 using AcqMethod DTDRUGS200.M
Sample Name: Polydrug-Mix-Std
Misc Info : Acetonitrile, Exp 12-12-26 DILUTED



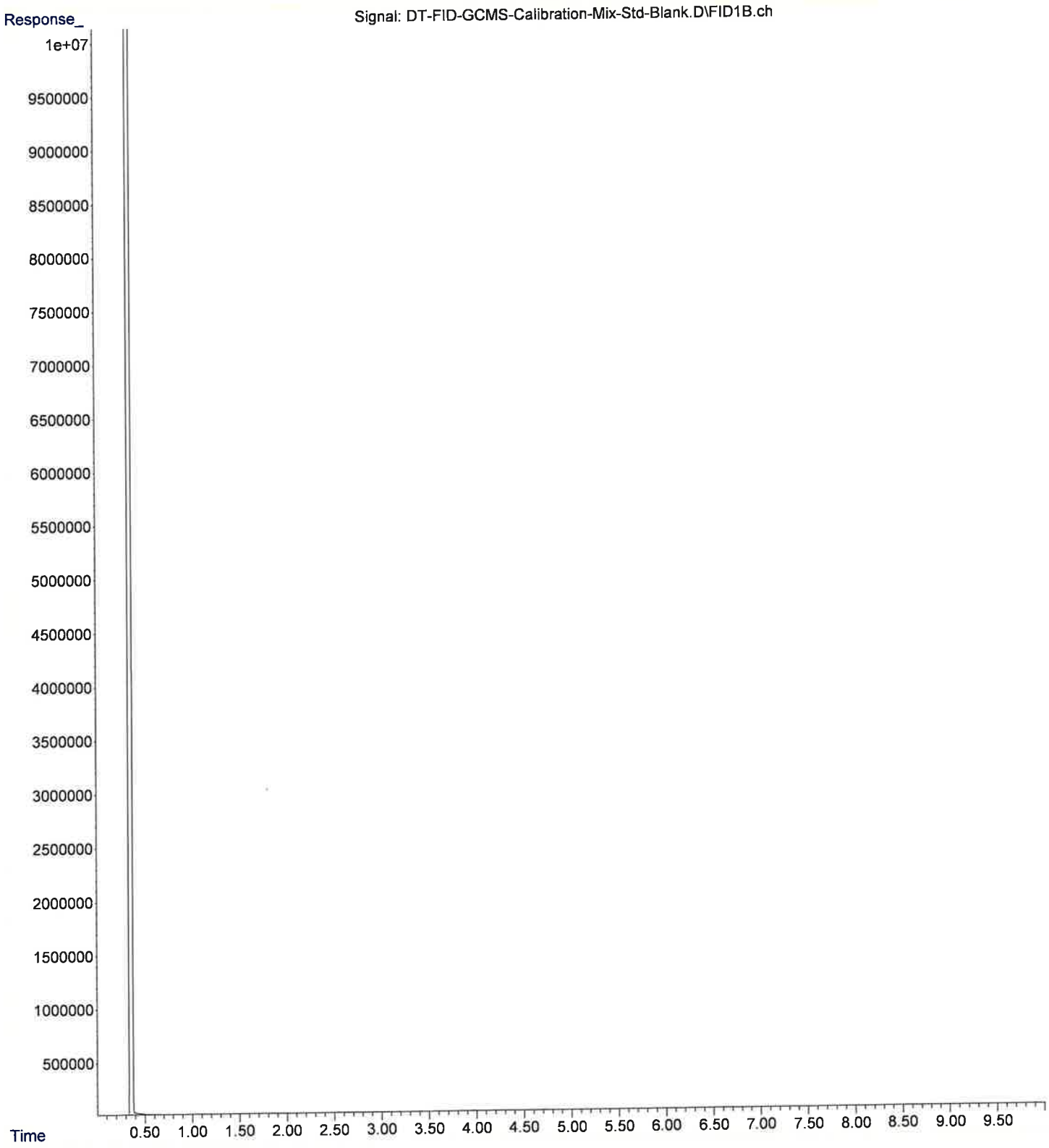
File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2026\RH\DUAL I
... NJECTION 3-31-26.SEC\DT-FID-Methamphetamine-Std-Blank.D
Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 22:31 using AcqMethod DTDRUGS200.M
Sample Name: Methamphetamine Std Blank
Misc Info : Meoh



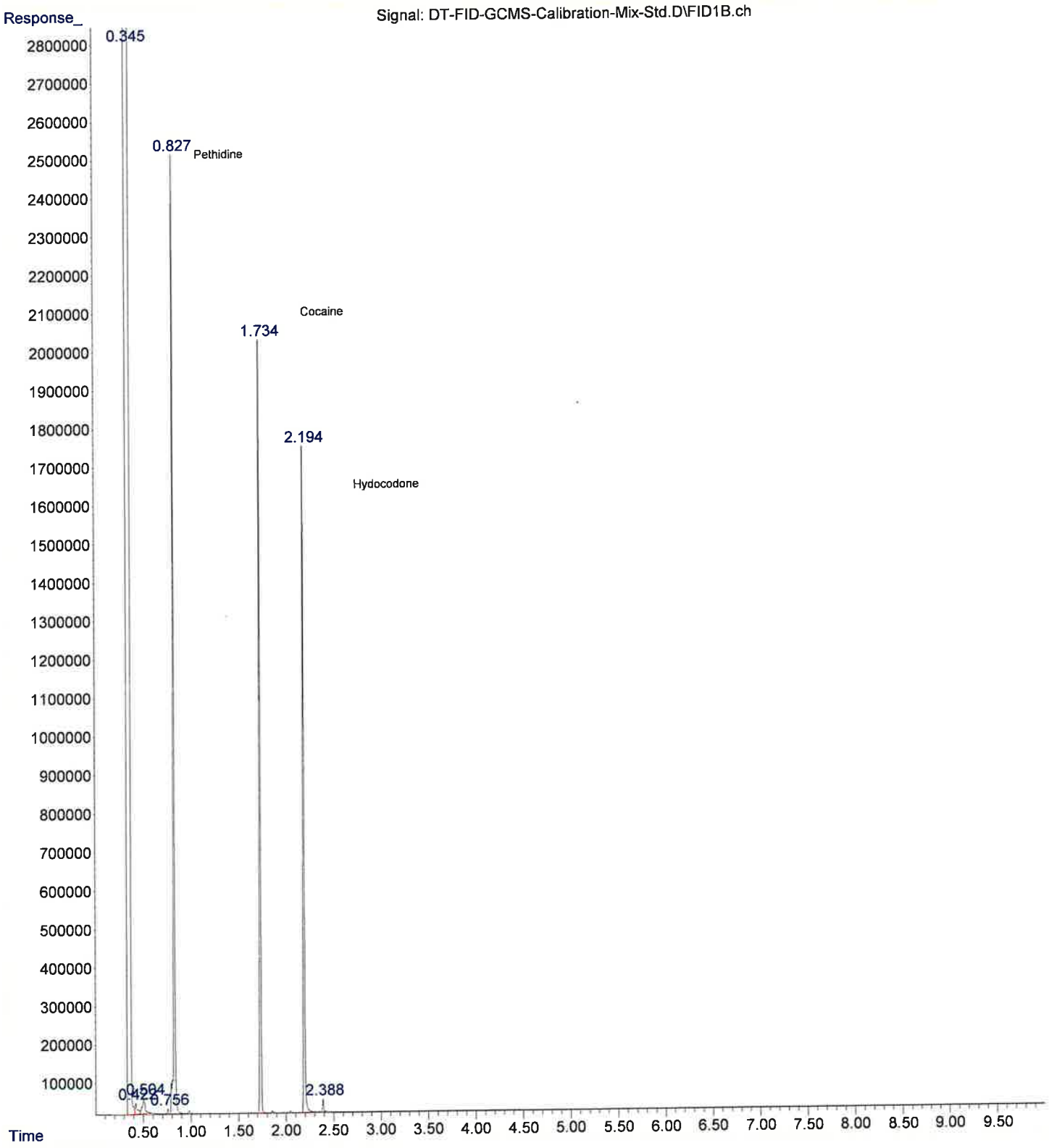
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... NJECTION 3-31-26.SEC\DT-FID-Methamphetamine-Std.D
Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 22:44 using AcqMethod DTDRUGS200.M
Sample Name: Methamphetamine Std
Misc Info : Meoh,Cerilliant,LotFE006022204,Exp12-31-27



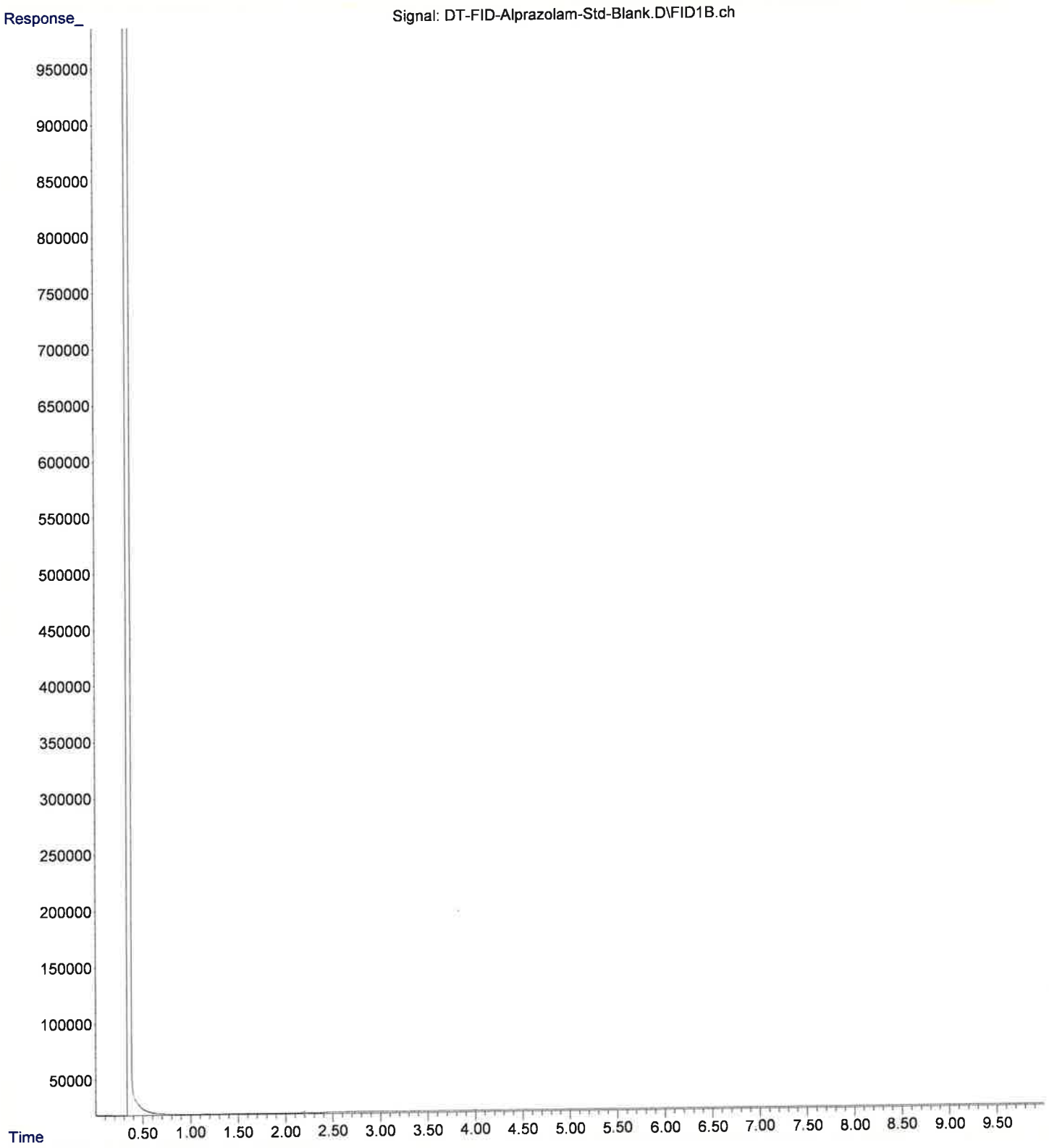
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... NJECTION 3-31-26.SEC\DT-FID-GCMS-Calibration-Mix-Std-Blank.D
Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 22:56 using AcqMethod DTDRUGS200.M
Sample Name: GCMS Calibration Mix Std Blank
Misc Info : Meoh



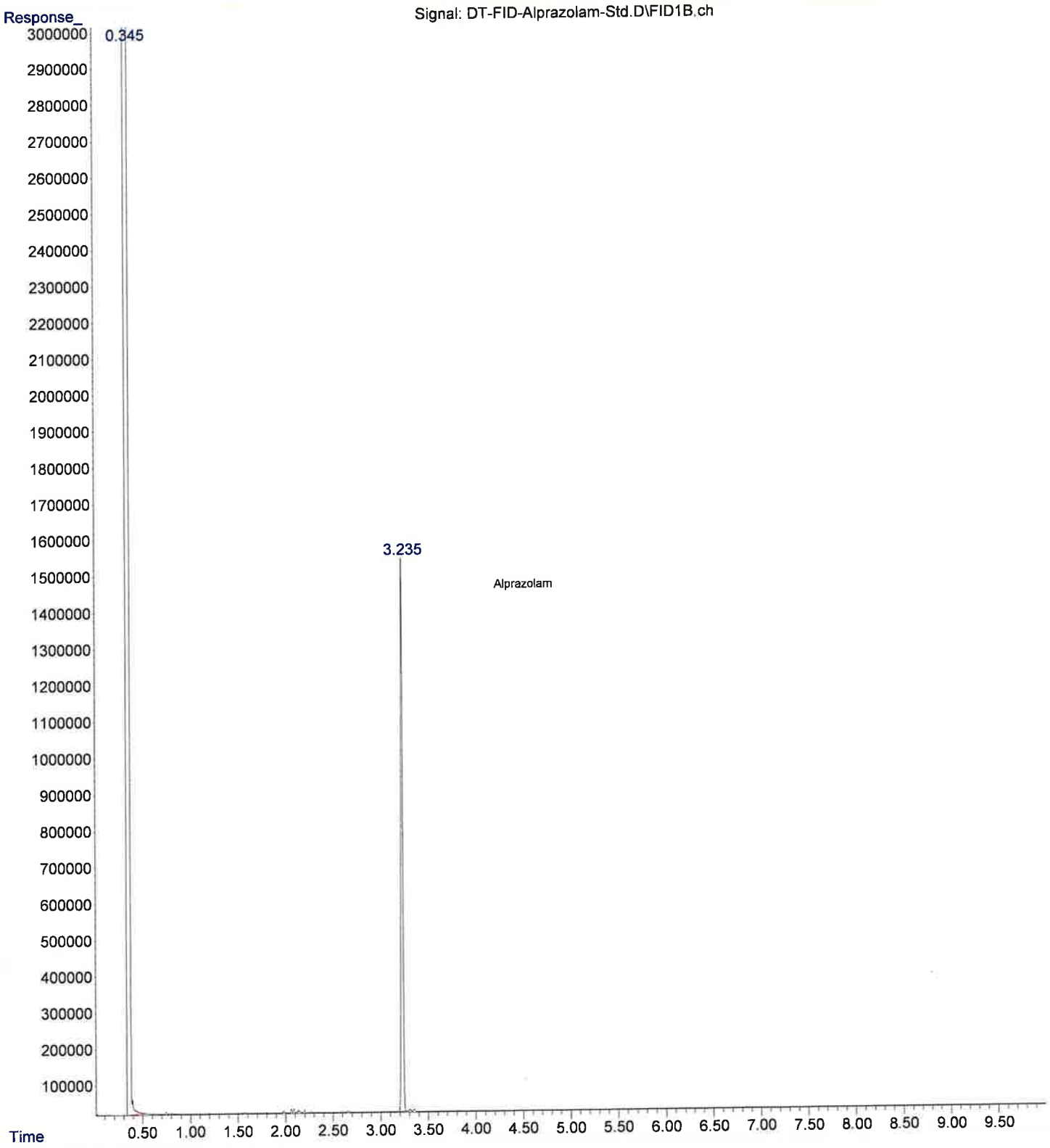
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... NJECTION 3-31-26.SEC\DT-FID-GCMS-Calibration-Mix-Std.D
Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 23:09 using AcqMethod DTDRUGS200.M
Sample Name: GCMS Calibration Mix Std
Misc Info : Meoh,Exp 03-06-27



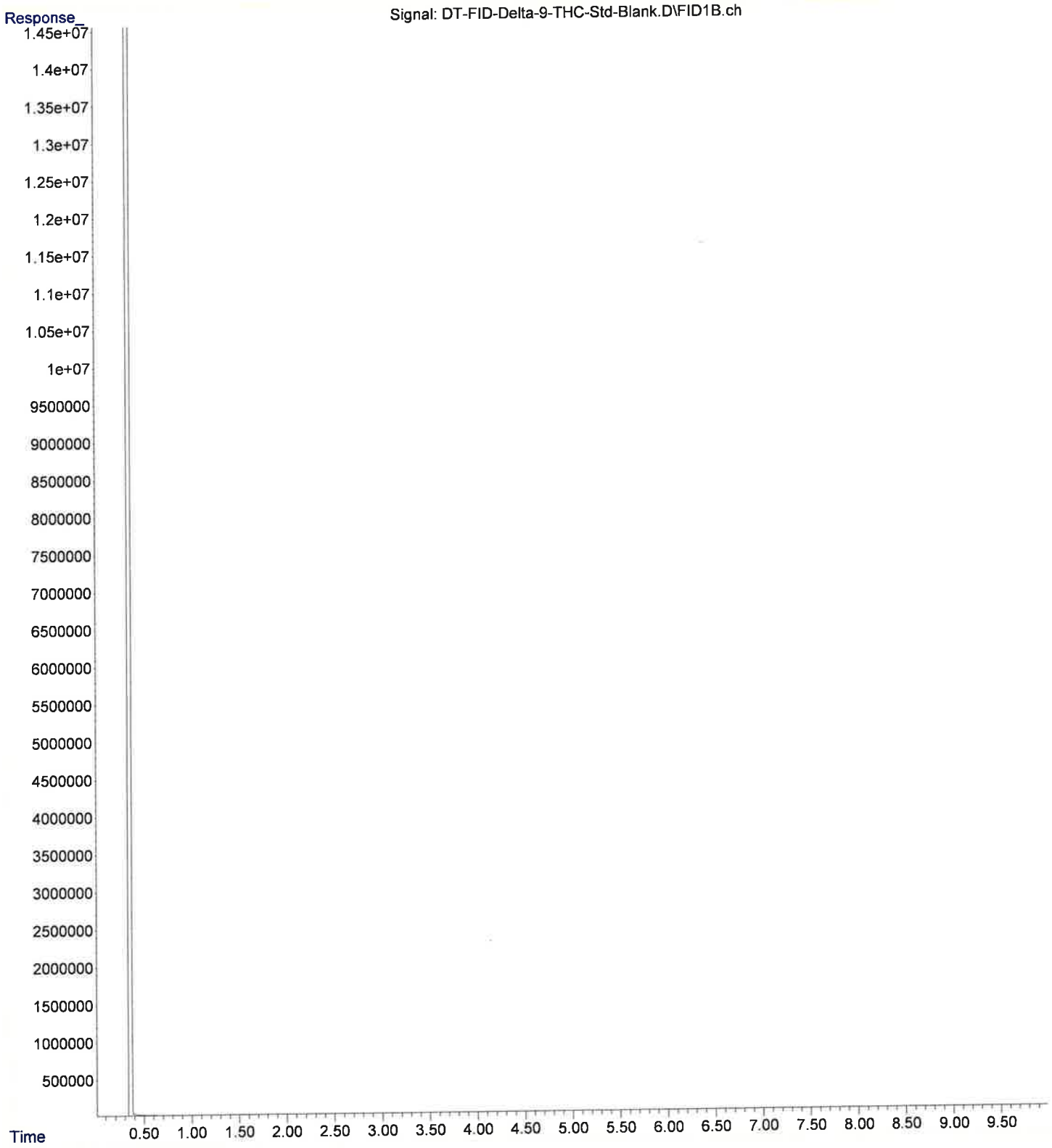
File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2026\RH\DUAL I
... NJECTION 3-31-26.SEC\DT-FID-Alprazolam-Std-Blank.D
Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 23:22 using AcqMethod DTDRUGS200.M
Sample Name: Alprazolam Std Blank
Misc Info : Meoh



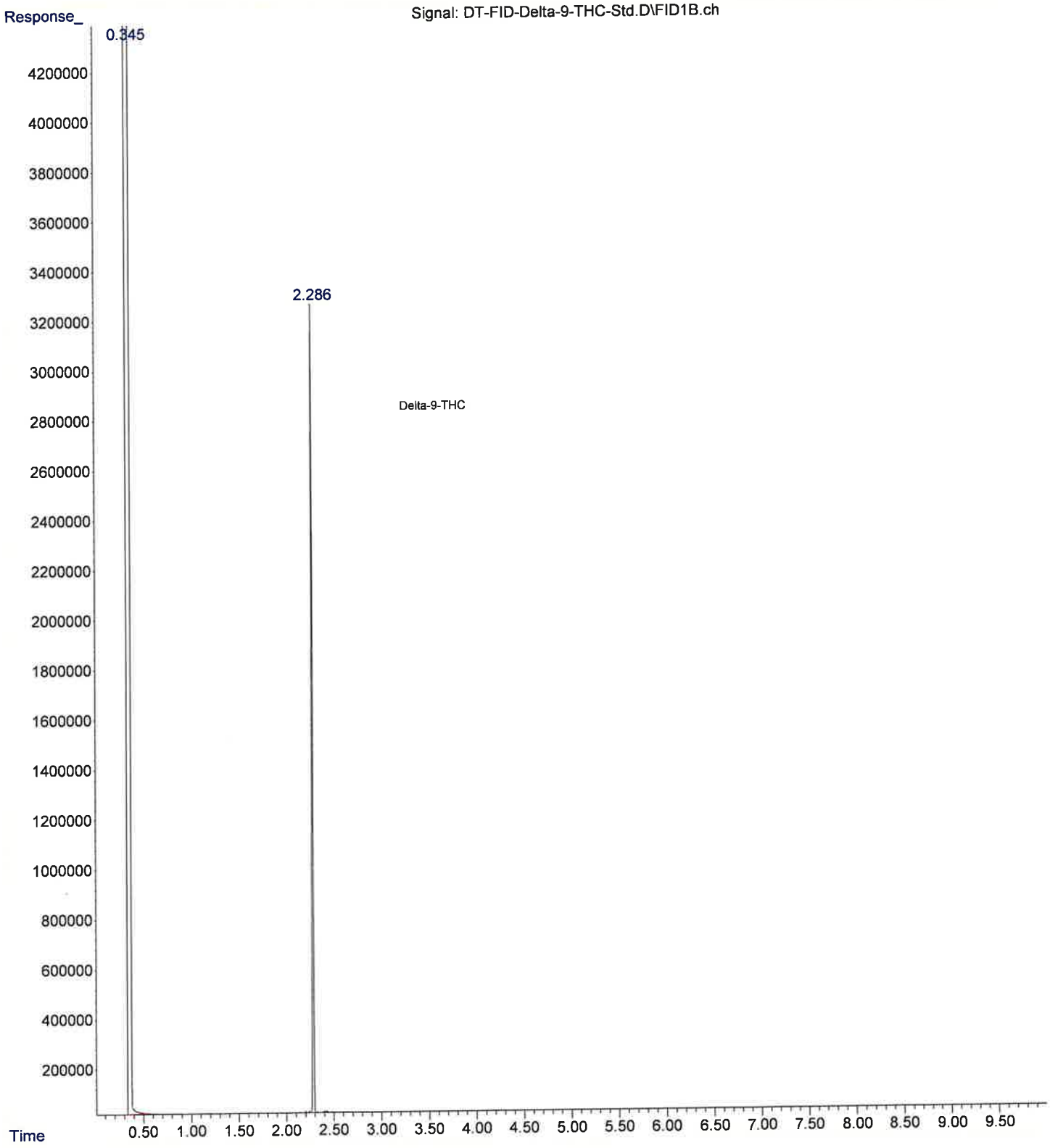
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... NJECTION 3-31-26.SEC\DT-FID-Alprazolam-Std.D
Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 23:34 using AcqMethod DTDRUGS200.M
Sample Name: Alprazolam Std
Misc Info : Meoh,Cerilliant,LotFE050032221,Exp01-31-28



File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2026\RH\DUAL I
... NJECTION 3-31-26.SEC\DT-FID-Delta-9-THC-Std-Blank.D
Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 23:47 using AcqMethod DTDRUGS200.M
Sample Name: Delta-9 THC Std Blank
Misc Info : Meoh



File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2026\RH\DUAL I
... NJECTION 3-31-26.SEC\DT-FID-Delta-9-THC-Std.D
Operator : RH
Instrument : Quincy
Acquired : 31 Mar 2026 23:59 using AcqMethod DTDRUGS200.M
Sample Name: Delta-9 THC Std
Misc Info : Meoh,Cerilliant,LotFE06212201,Exp10-31-27



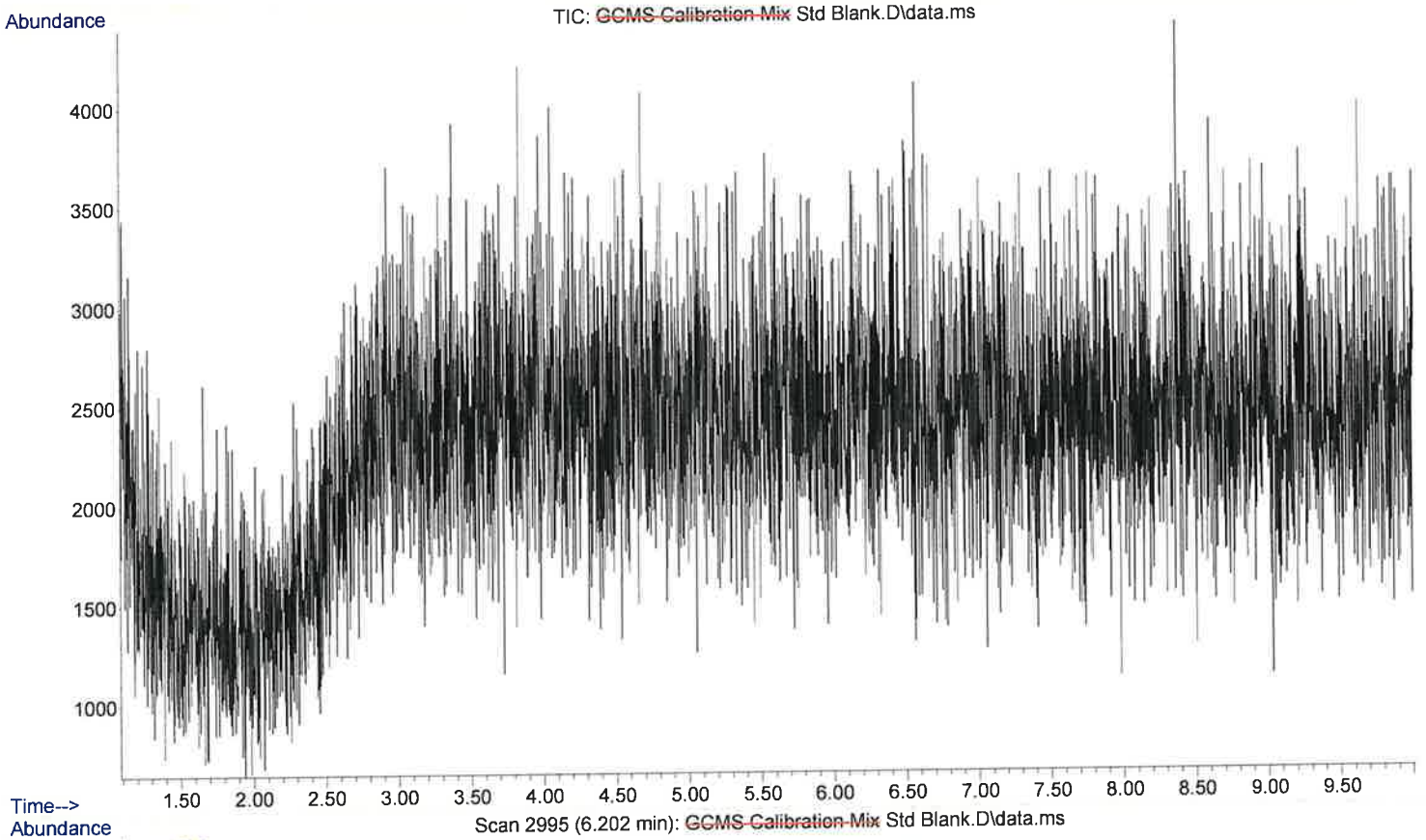
Dual Tower Injection on 4-1-26 (After GCFID maintenance)

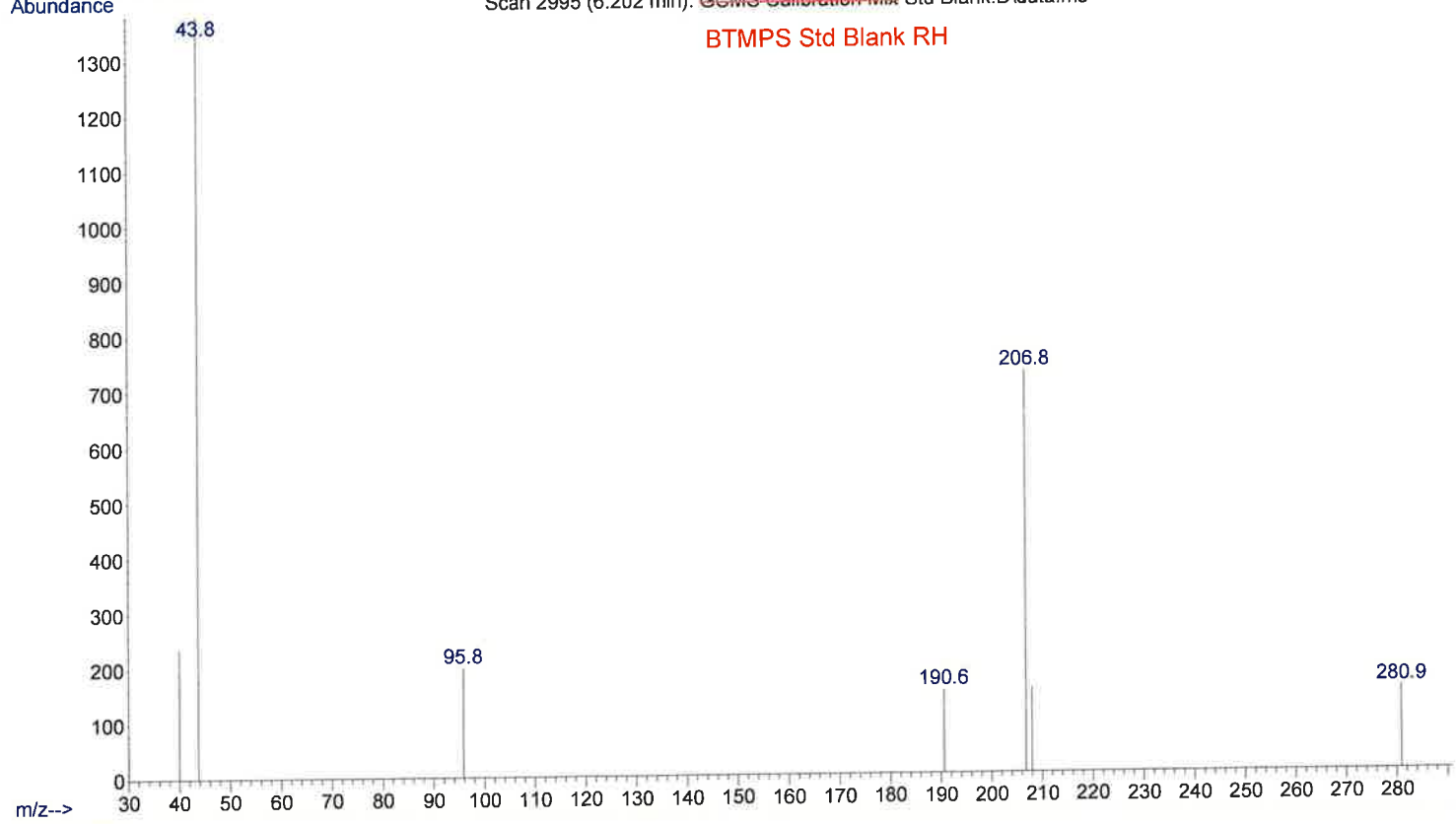
	DTDRUGS200	2%	(-)	(+)	ASGC200
Buprenorphine	**5.338**	0.10676	5.23124	5.44476	**5.352**
BTMPS	**3.663**	0.07326	3.58974	3.73626	**3.676**
Protonitazene	**5.635**	0.1127	5.5223	5.7477	**5.626**

File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2026\RH\DUAL I
... NJECTION 4-1-26\~~GCMS Calibration Mix~~ Std Blank.D
Operator : RH
Instrument : Quincy
Acquired : 01 Apr 2026 13:30 using AcqMethod ASMSDRUGS200.M
Sample Name: BTMPS Std Blank
Misc Info : Acetonitrile

BTMPS Std Blank RH

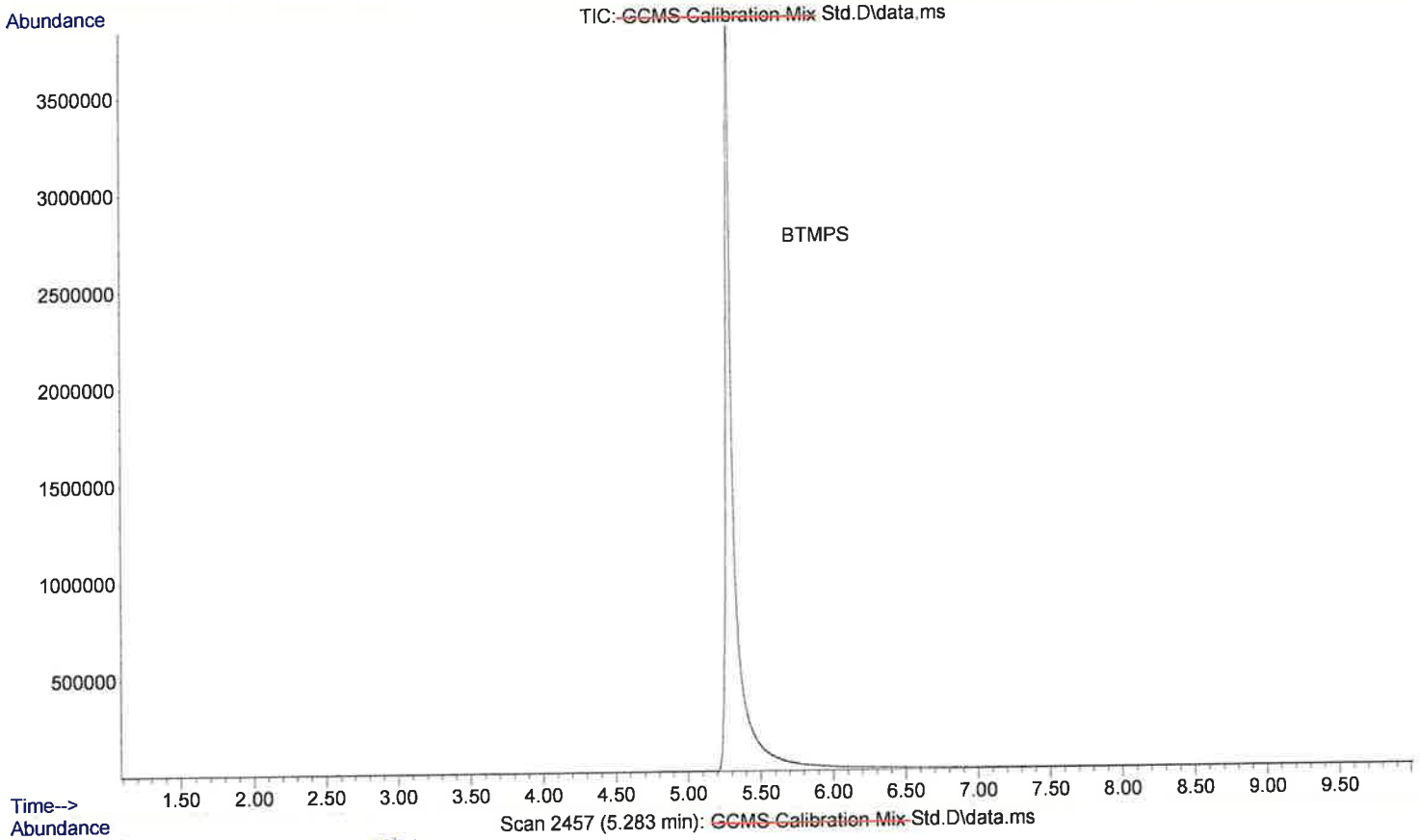
BTMPS Std Blank RH

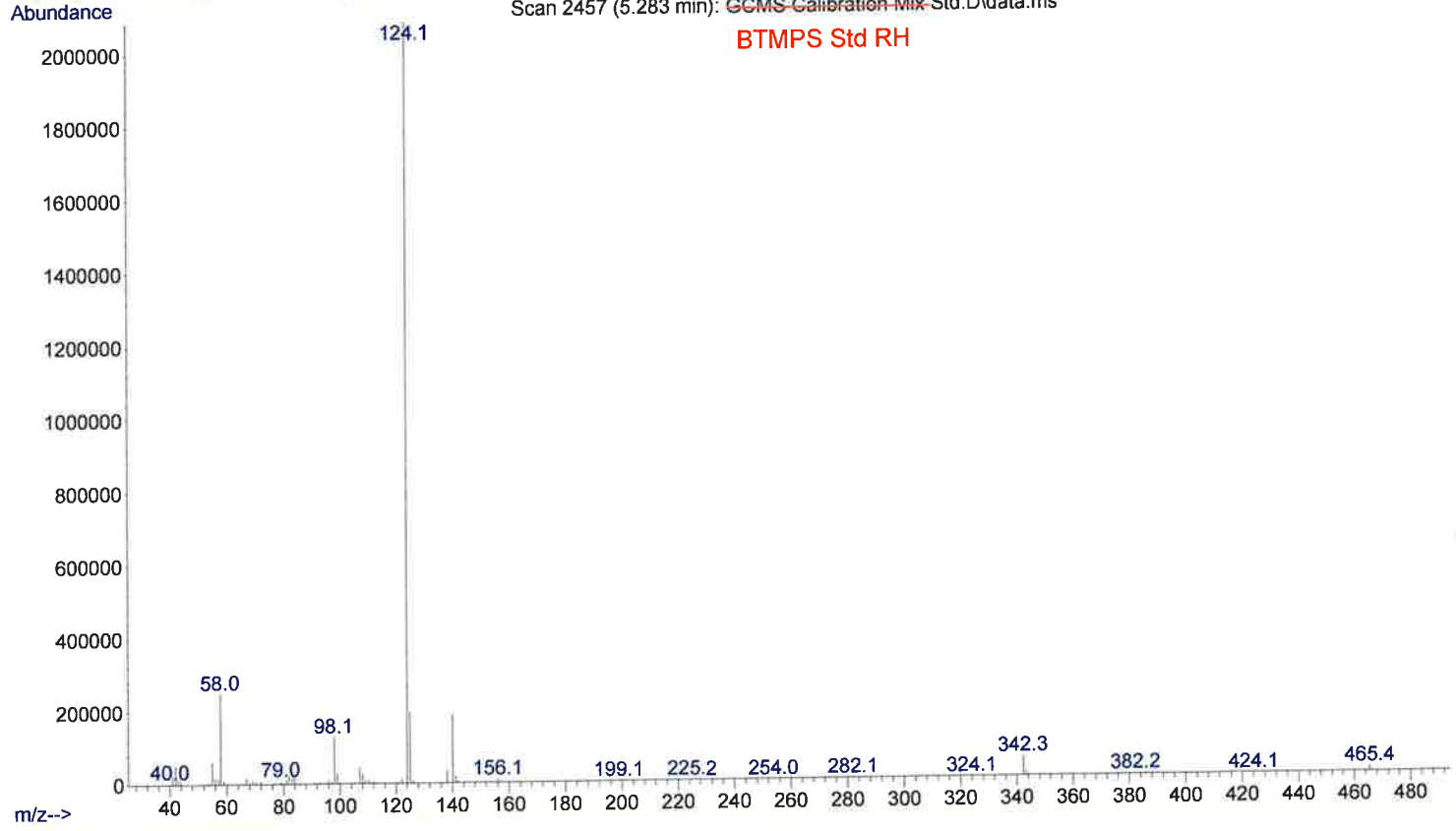




File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2026\RH\DUAL I
... NJECTION 4-1-26\~~GCMS Calibration Mix~~ Std.D
Operator : RH BTMPS Std RH
Instrument : Quincy
Acquired : 01 Apr 2026 13:42 using AcqMethod ASMSDRUGS200.M
Sample Name: BTMPS Std
Misc Info : Acetonitrile,Cayman,Lot0721850-7,Exp4-7-26

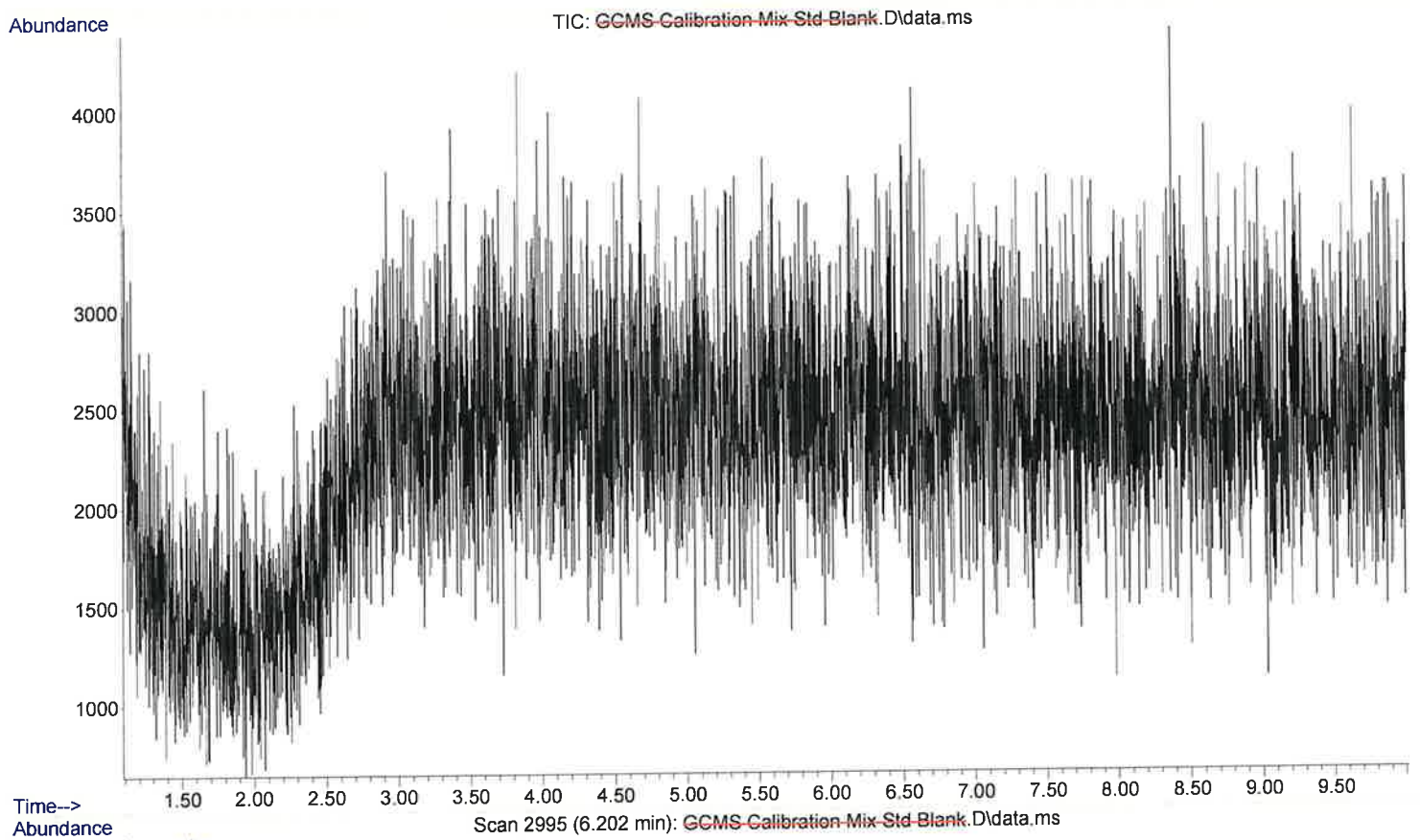
BTMPS Std RH

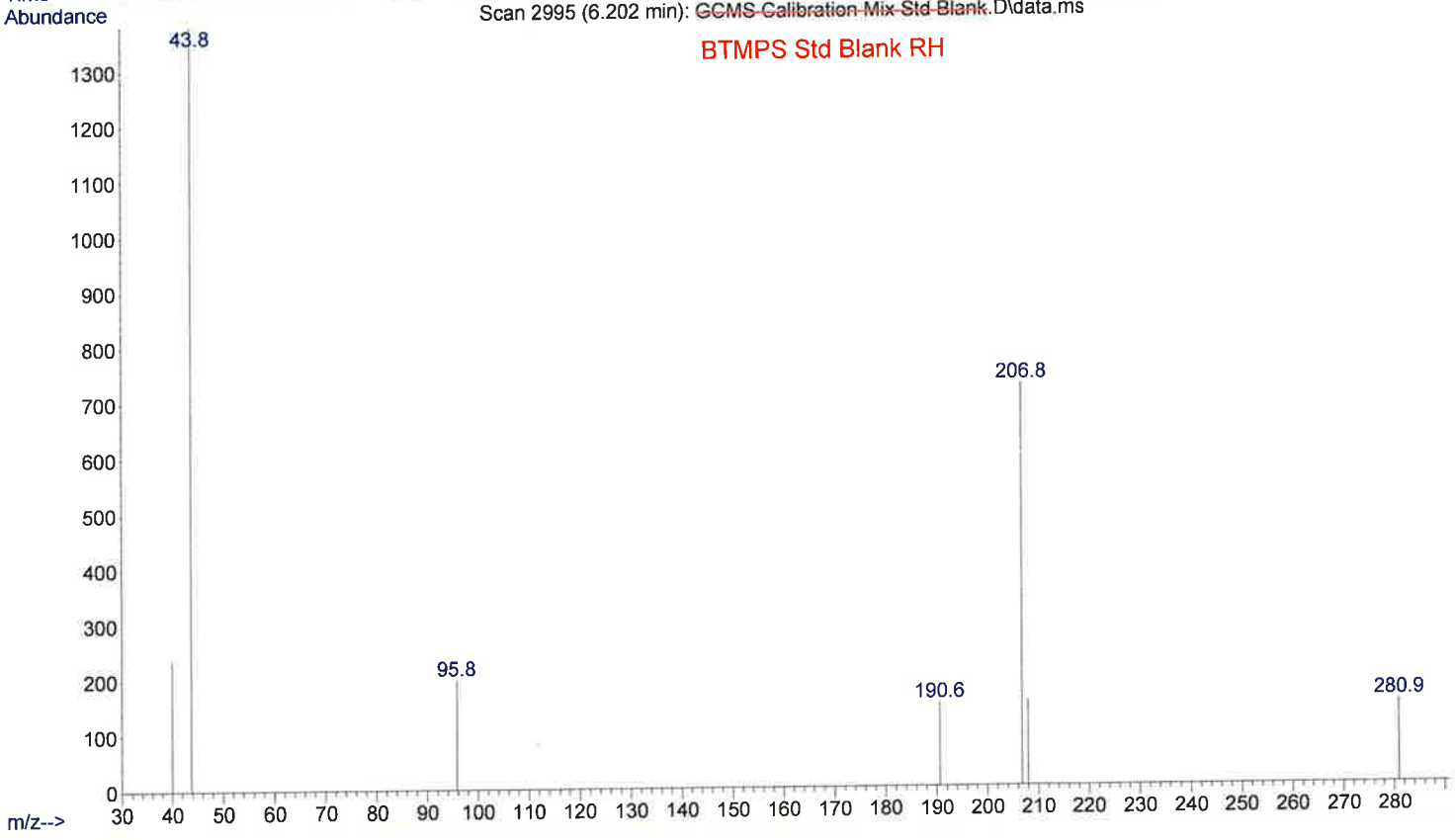




File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2026\RH\DUAL I
... NJECTION 4-1-26\~~GCMS Calibration Mix Std Blank~~.D
Operator : RH BTMPS Std Blank RH
Instrument : Quincy
Acquired : 01 Apr 2026 13:30 using AcqMethod ASMSDRUGS200.M
Sample Name: BTMPS Std Blank
Misc Info : Acetonitrile

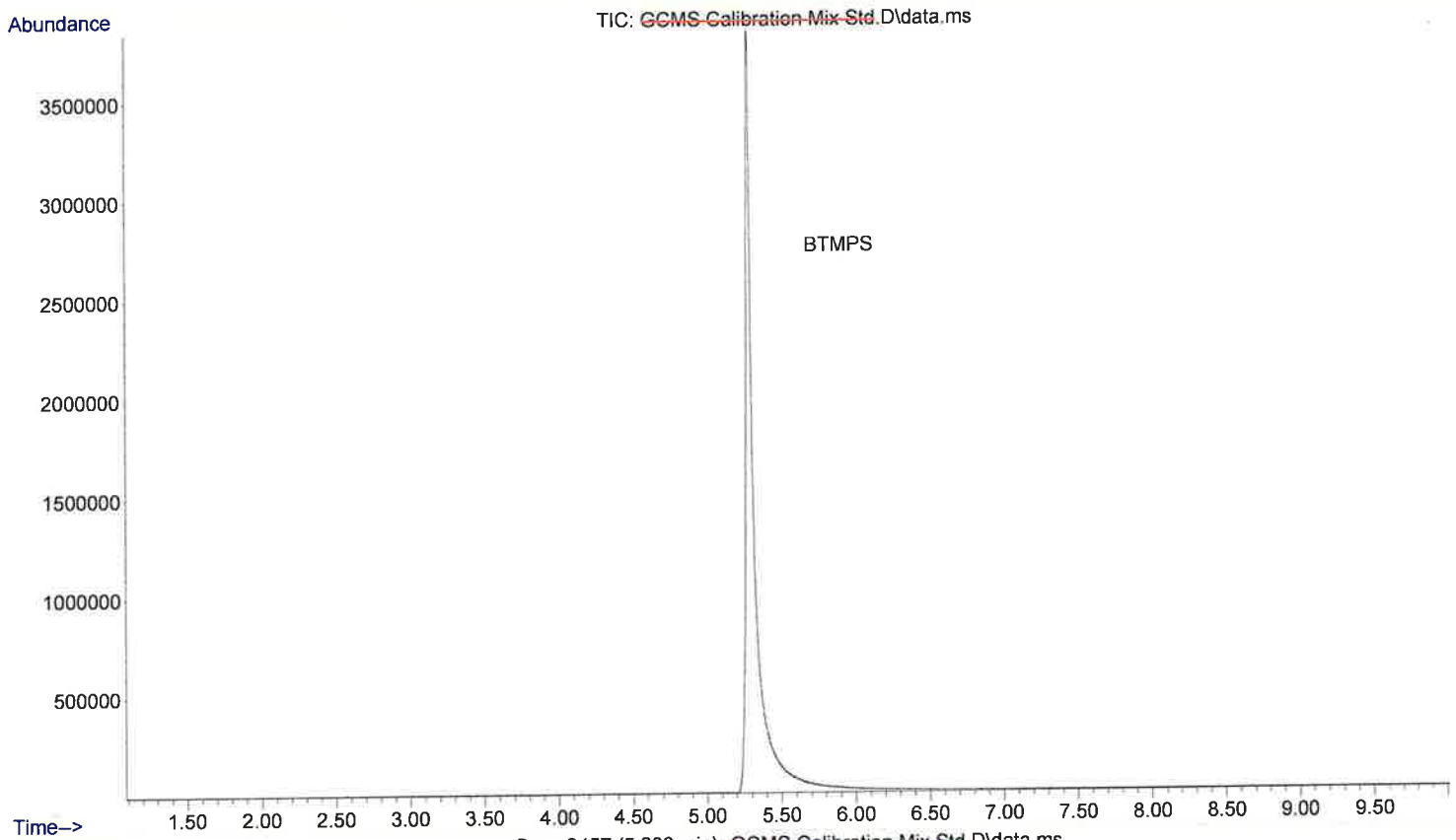
BTMPS Std Blank RH

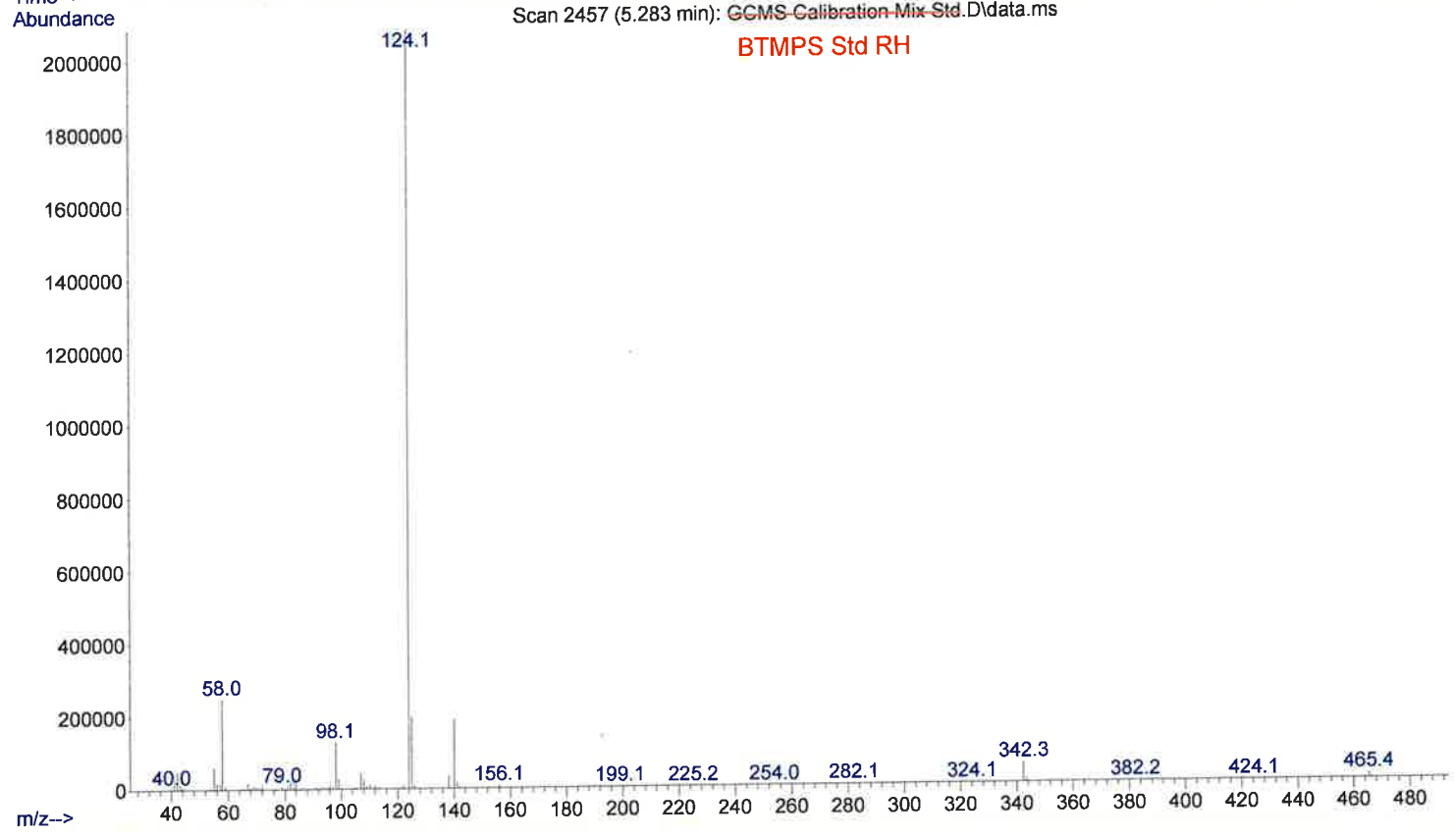




File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2026\RH\DUAL I
... NJECTION 4-1-26\~~GCMS Calibration Mix Std~~.D
Operator : RH BTMPS Std RH
Instrument : Quincy
Acquired : 01 Apr 2026 13:42 using AcqMethod ASMSDRUGS200.M
Sample Name: BTMPS Std
Misc Info : Acetonitrile,Cayman,Lot0721850-7,Exp4-7-26

BTMPS Std RH



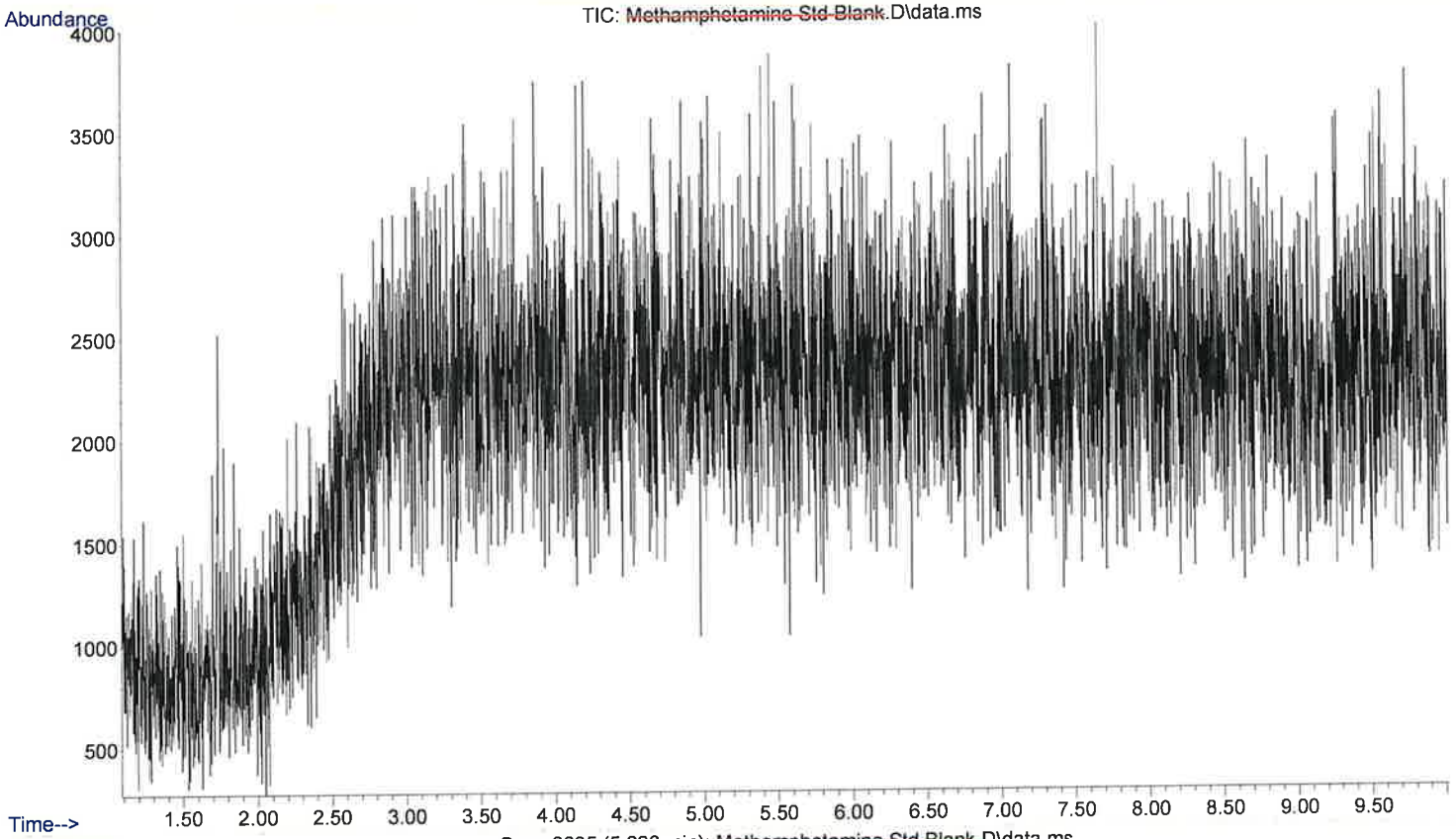


File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2026\RH\DUAL I
... NJECTION 4-1-26\~~Methamphetamine Std Blank~~.D
Operator : RH
Instrument : Quincy
Acquired : 01 Apr 2026 12:53 using AcqMethod ASMSDRUGS200.M
Sample Name: Buprenorphine Std Blank
Misc Info : Meoh

Buprenorphine Std Blank RH

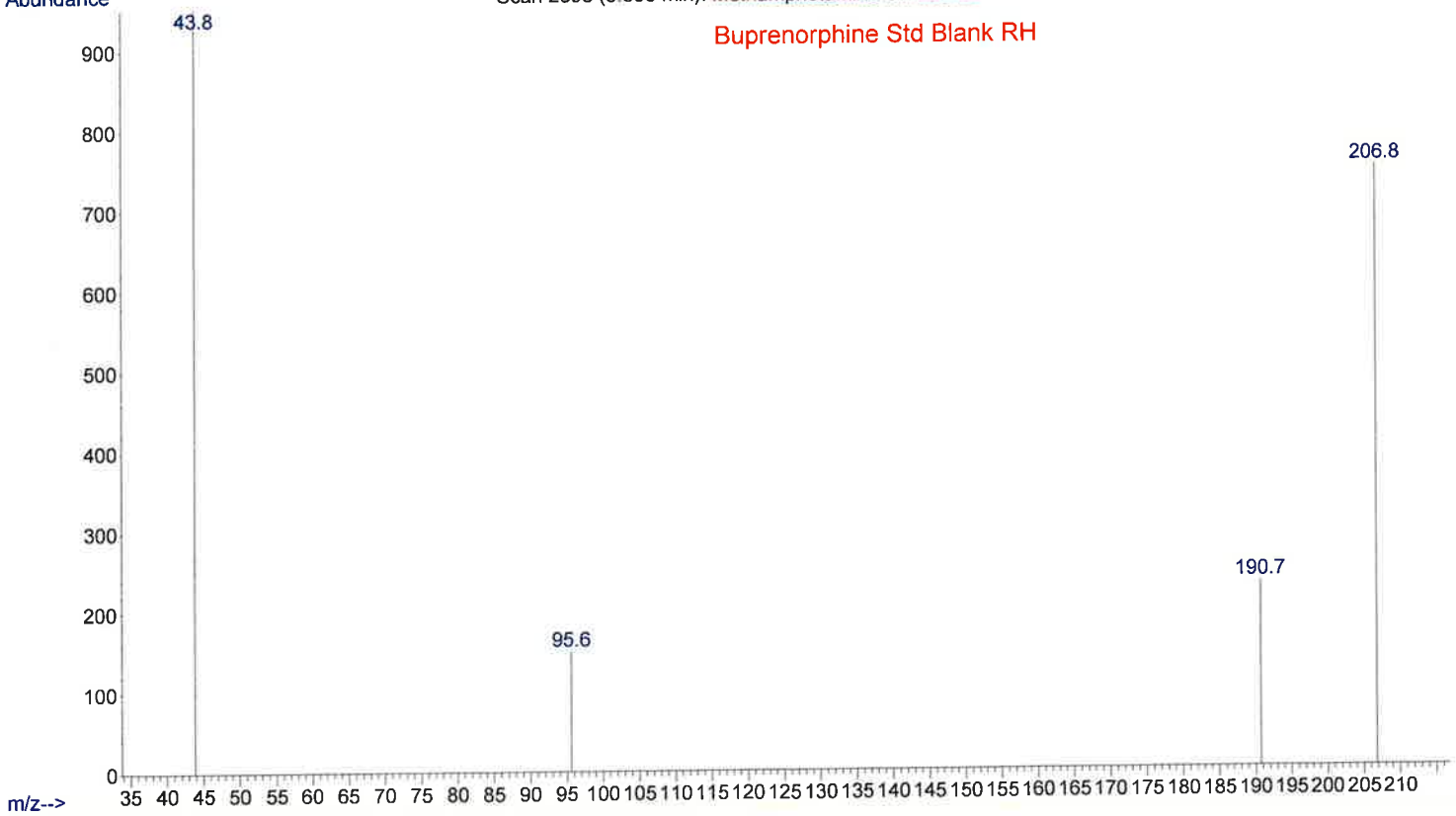
Buprenorphine Std Blank RH

TIC: ~~Methamphetamine Std Blank~~.D\data.ms



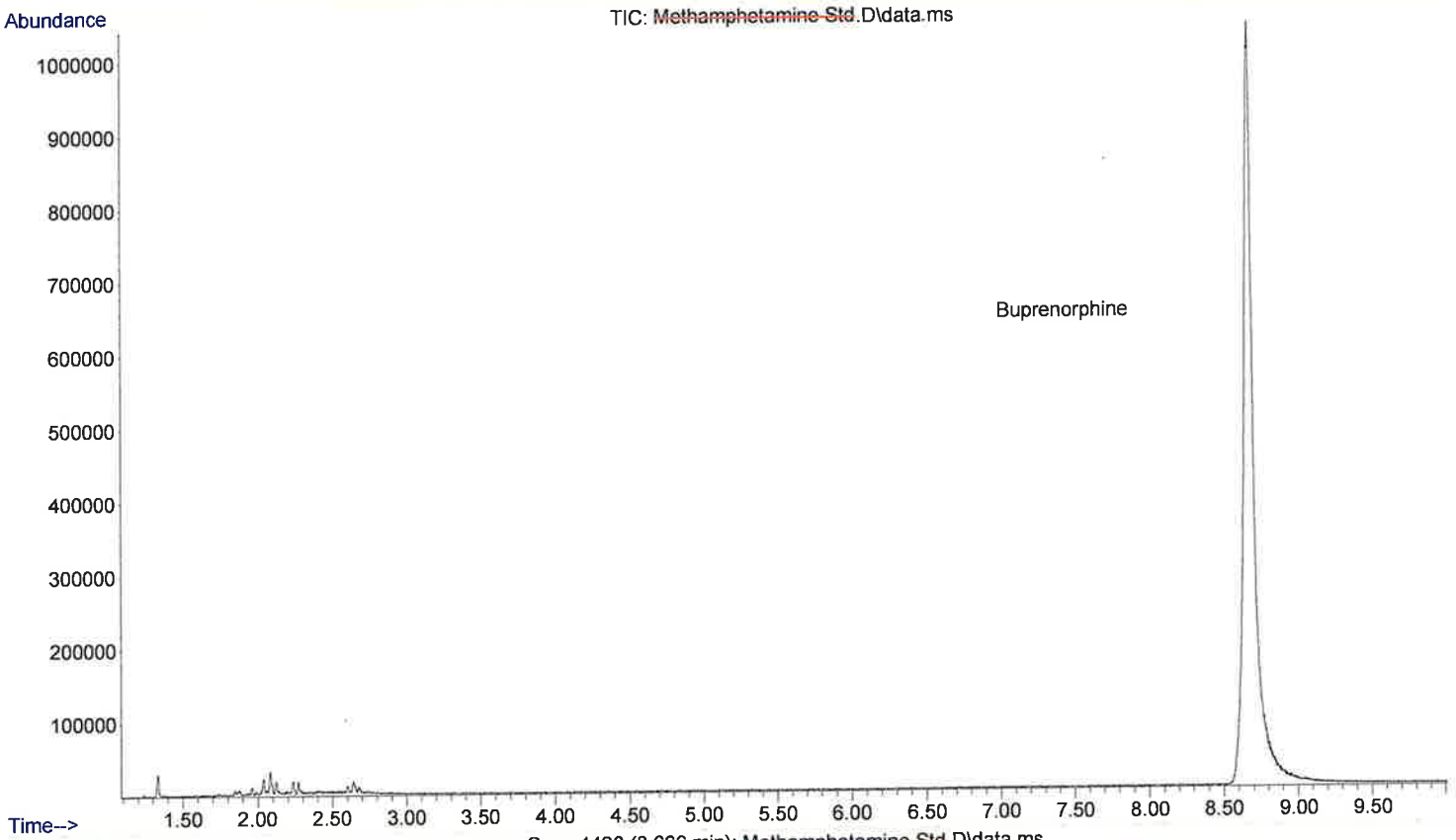
Scan 2695 (5.690 min): ~~Methamphetamine Std Blank~~.D\data.ms

Buprenorphine Std Blank RH

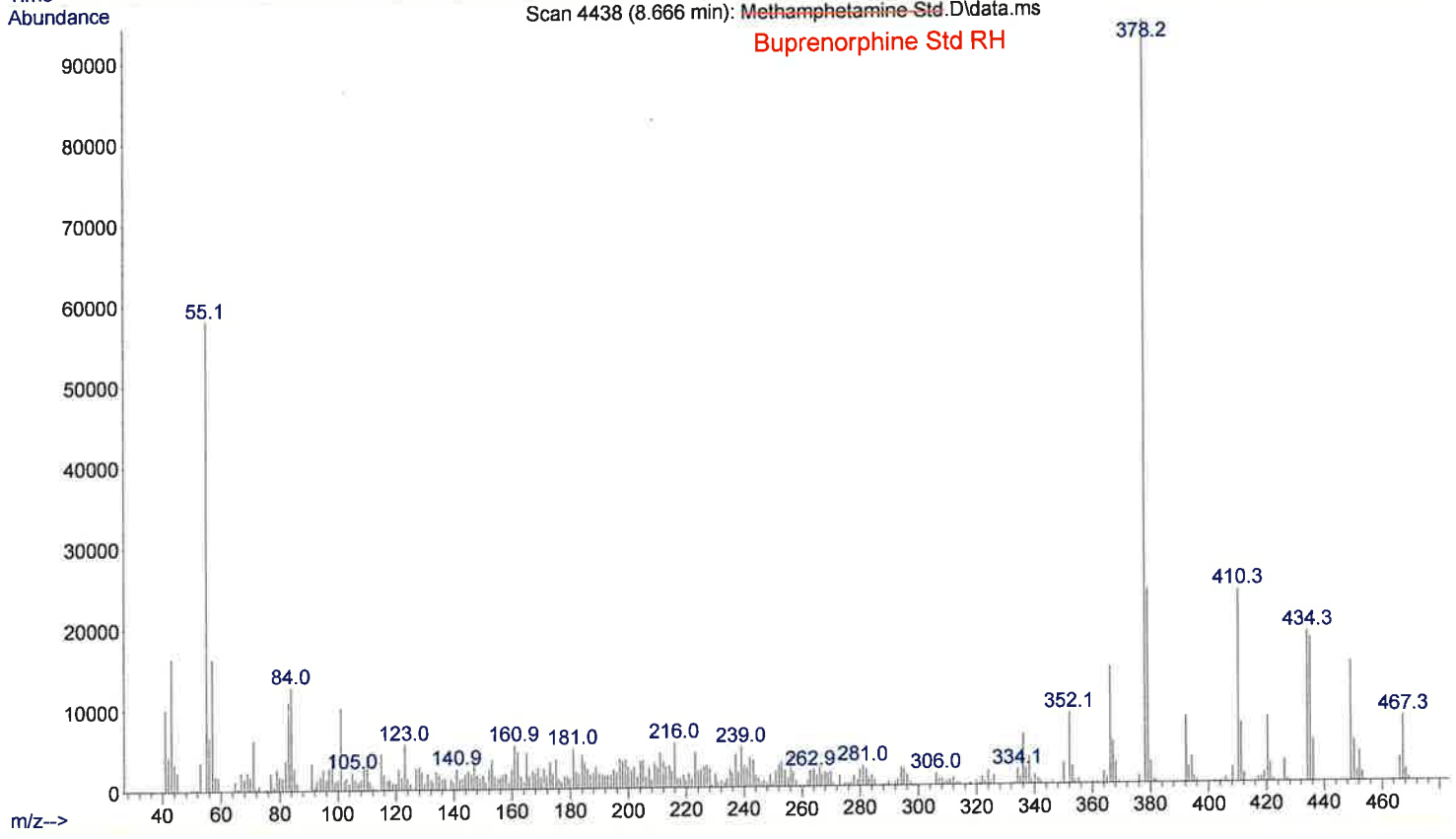


File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2026\RH\DUAL I
... NJECTION 4-1-26\~~Methamphetamine Std~~.D
Operator : RH Buprenorphine Std RH
Instrument : Quincy
Acquired : 01 Apr 2026 13:05 using AcqMethod ASMSDRUGS200.M
Sample Name: Buprenorphine Std
Misc Info : Meoh,Cerilliant,LotFE07252316,Exp2-28-29

Buprenorphine Std RH



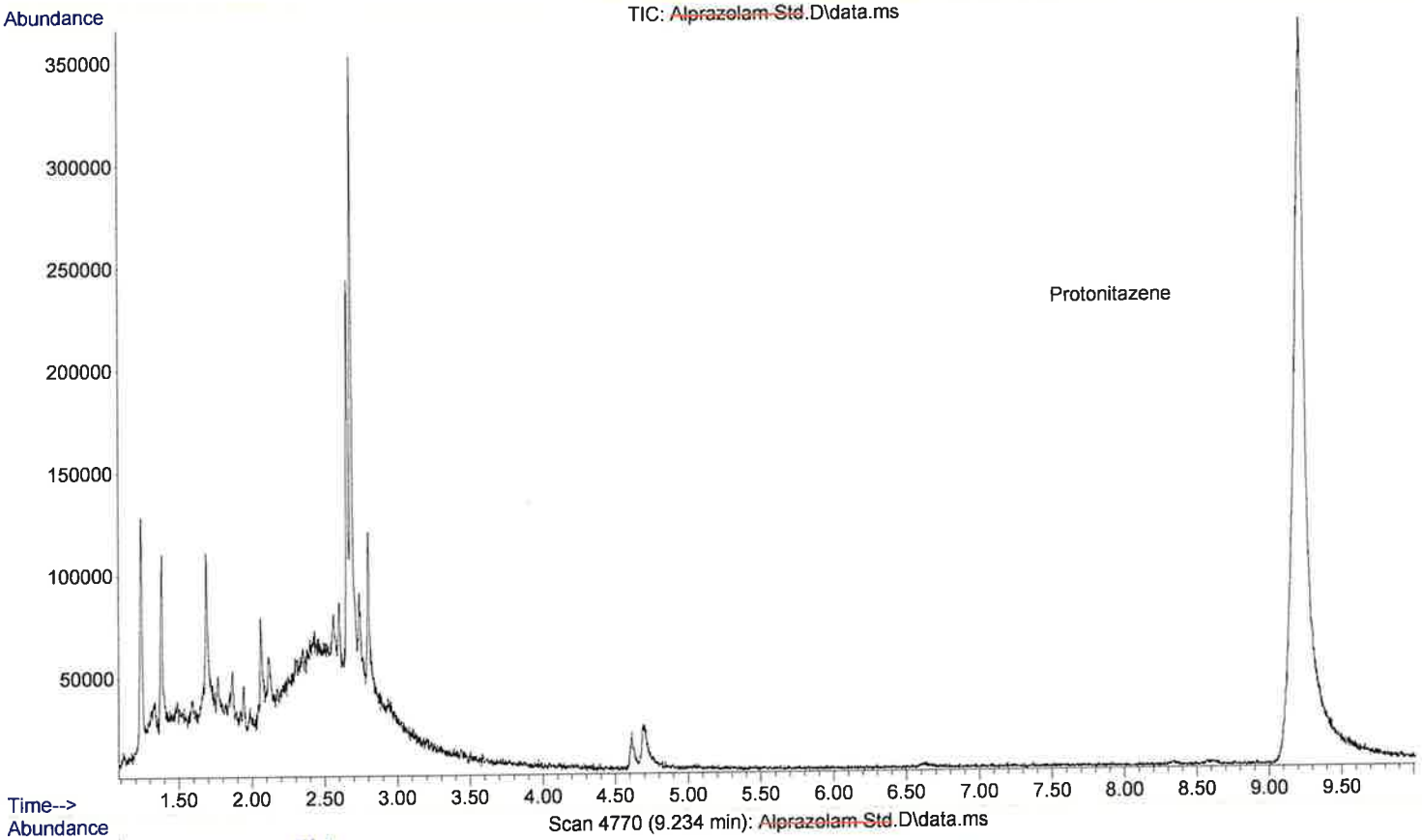
Buprenorphine Std RH



File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2026\RH\DUAL I
... NJECTION 4-1-26\~~Alprazolam Std~~.D
Operator : RH Protonitazene Std RH
Instrument : Quincy
Acquired : 01 Apr 2026 14:19 using AcqMethod ASMSDRUGS200.M
Sample Name: Protonitazene Std
Misc Info : Meoh,Cayman,Lot0575807-12,Exp10-2-26

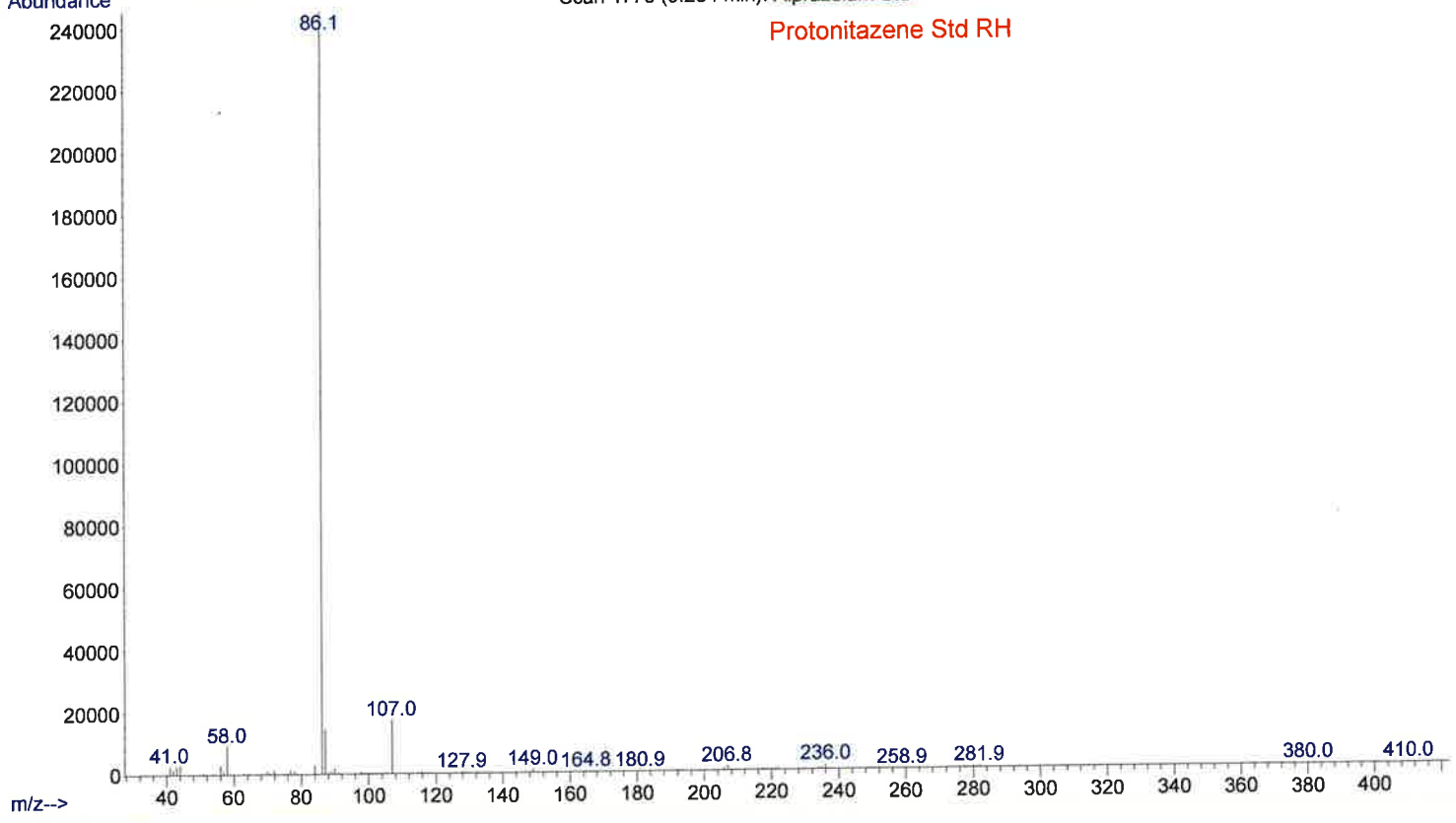
Protonitazene Std RH

TIC: ~~Alprazolam Std~~.D\data.ms



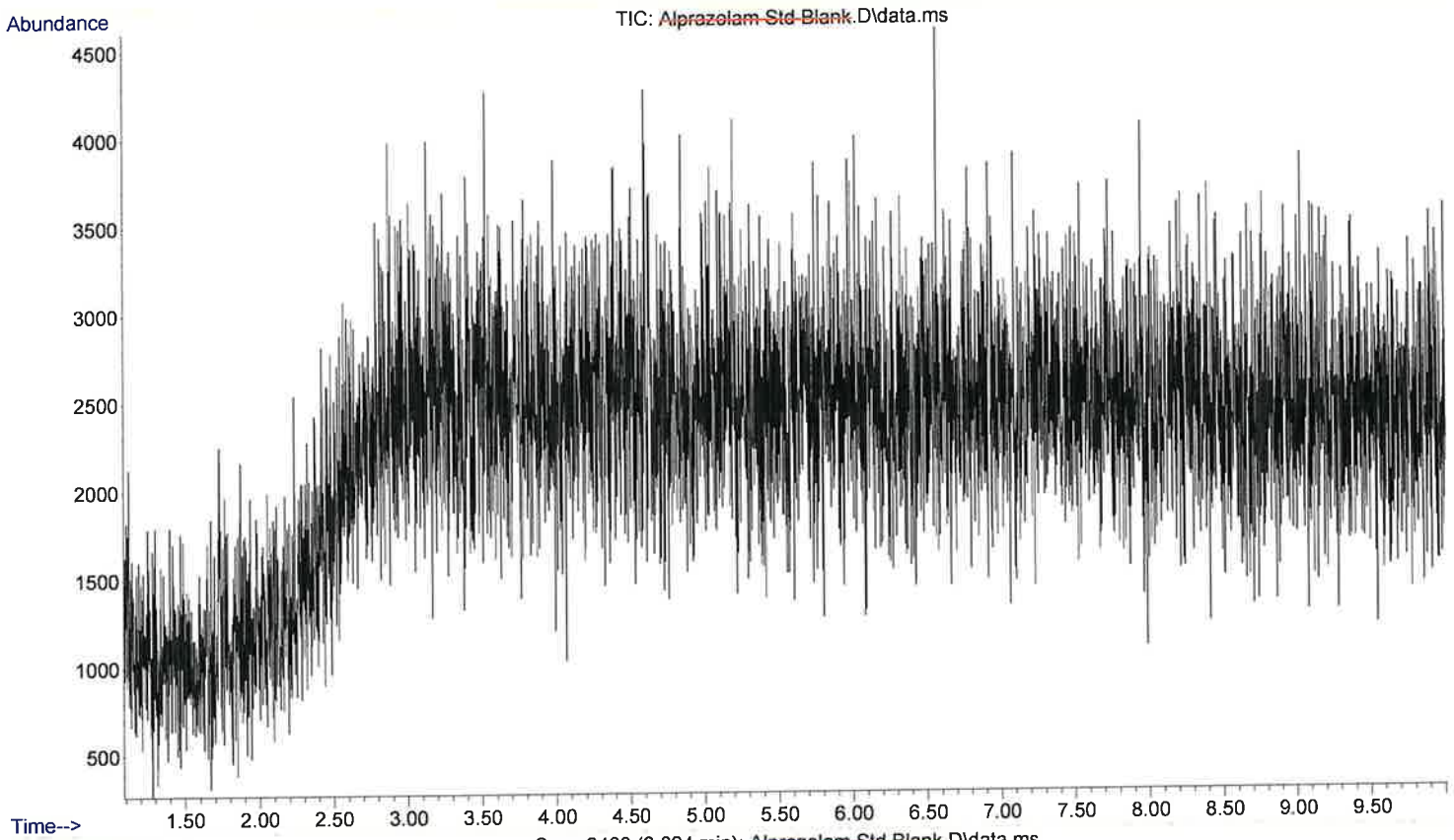
Scan 4770 (9.234 min): ~~Alprazolam Std~~.D\data.ms

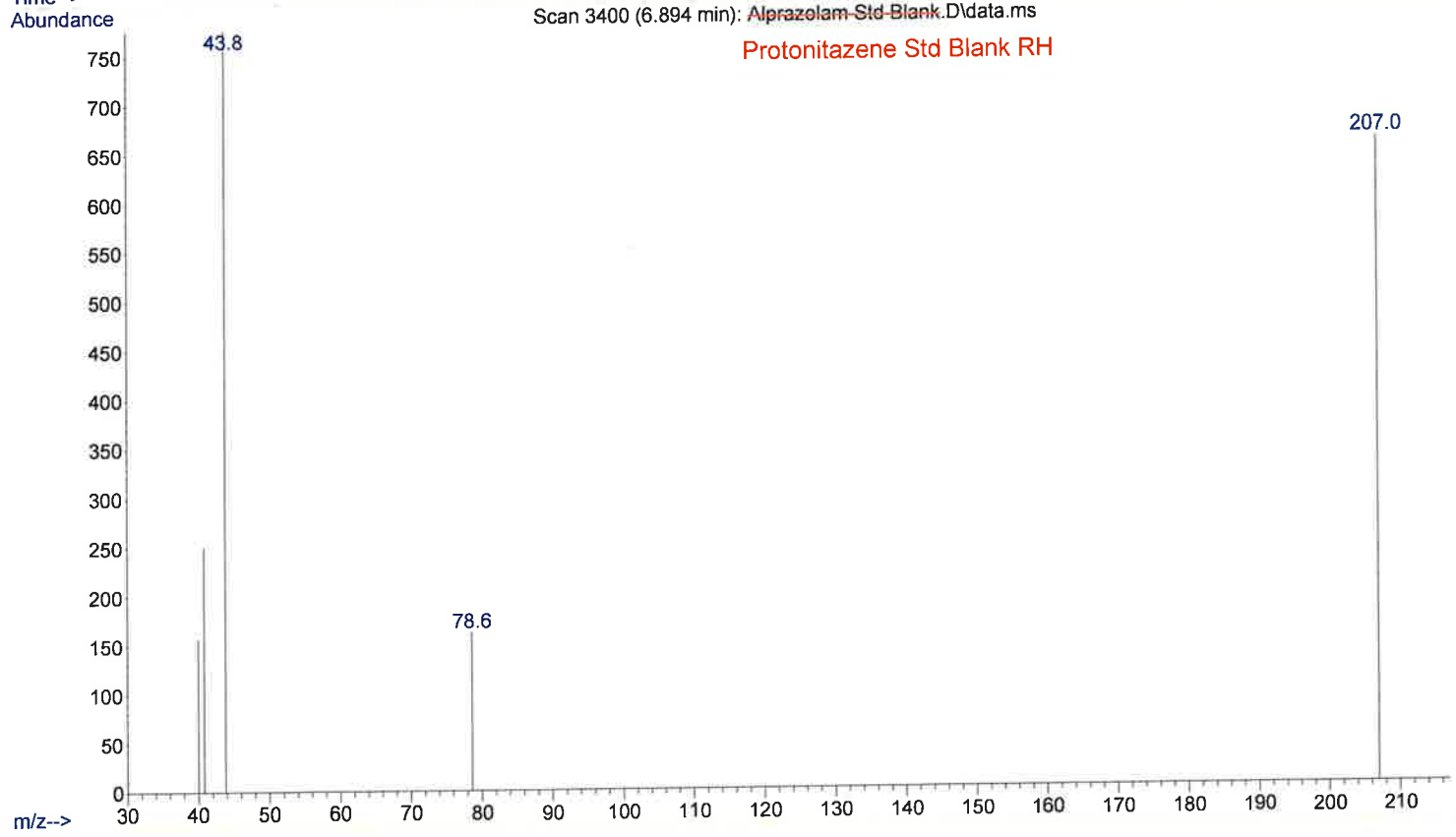
Protonitazene Std RH



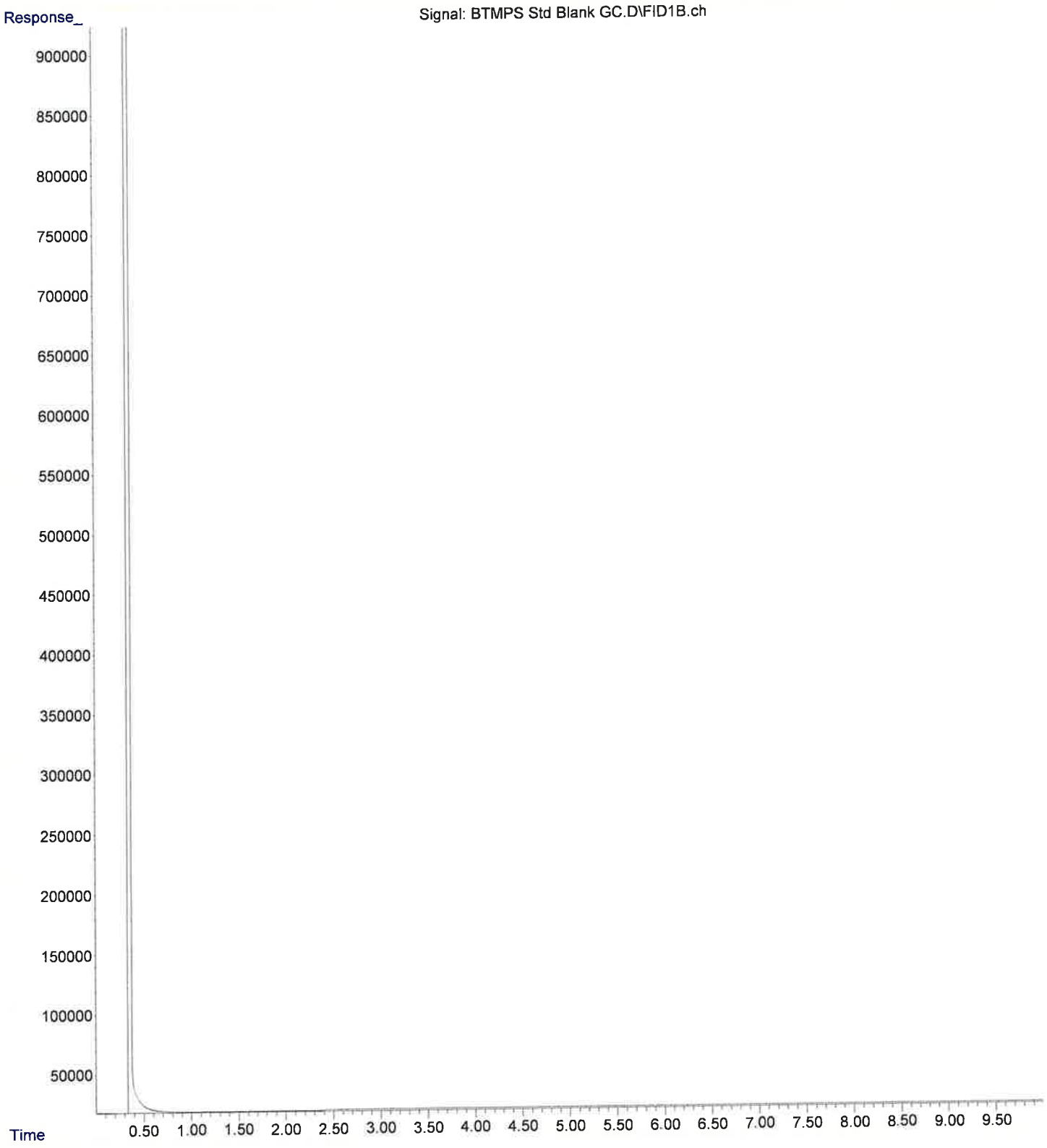
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... NJECTION 4-1-26\~~Alprazolam Std Blank~~.D
Operator : RH Protonitazene Std Blank RH
Instrument : Quincy
Acquired : 01 Apr 2026 14:07 using AcqMethod ASMSDRUGS200.M
Sample Name: Protonitazene Std Blank
Misc Info : Meoh

Protonitazene Std Blank RH

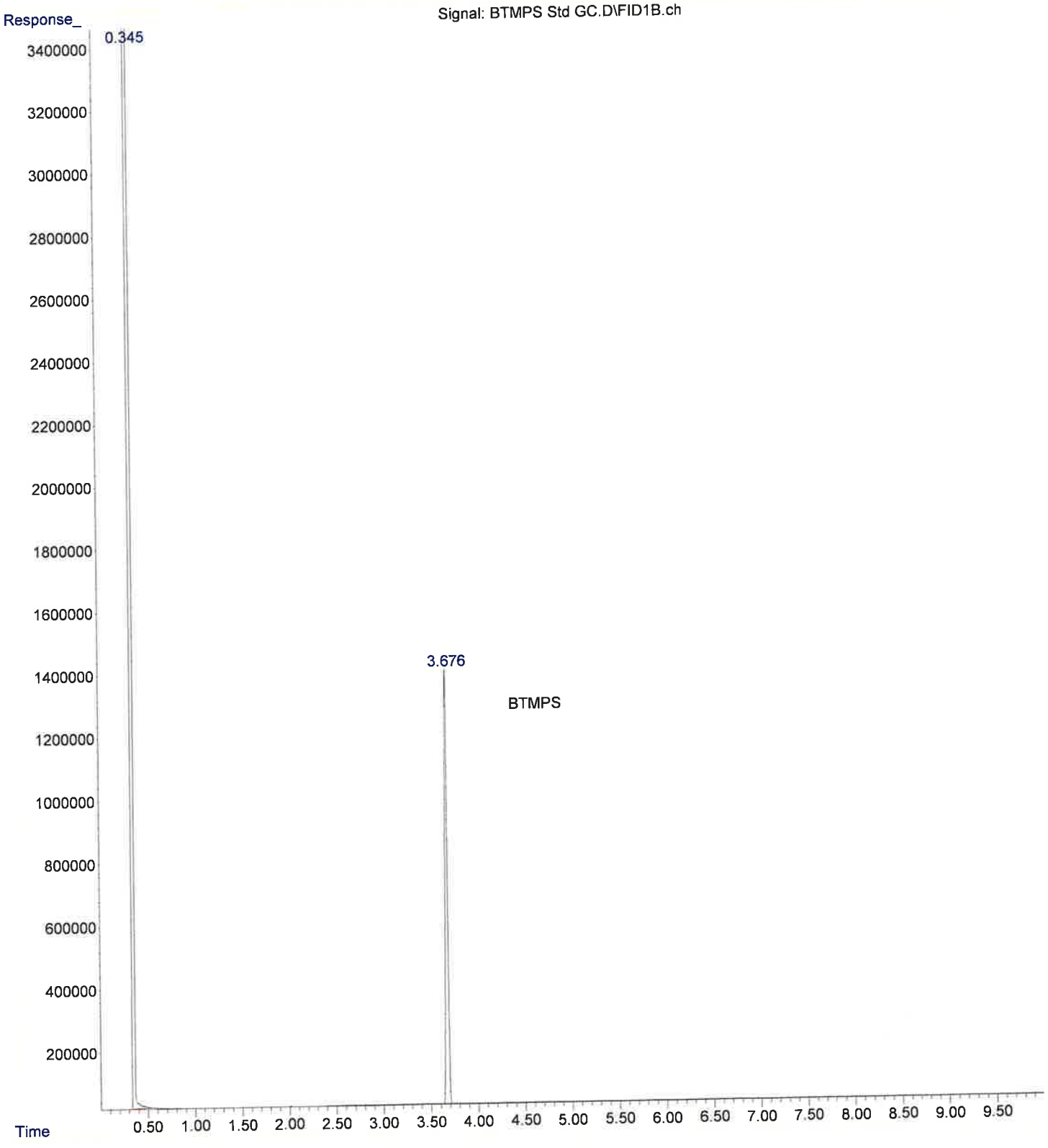




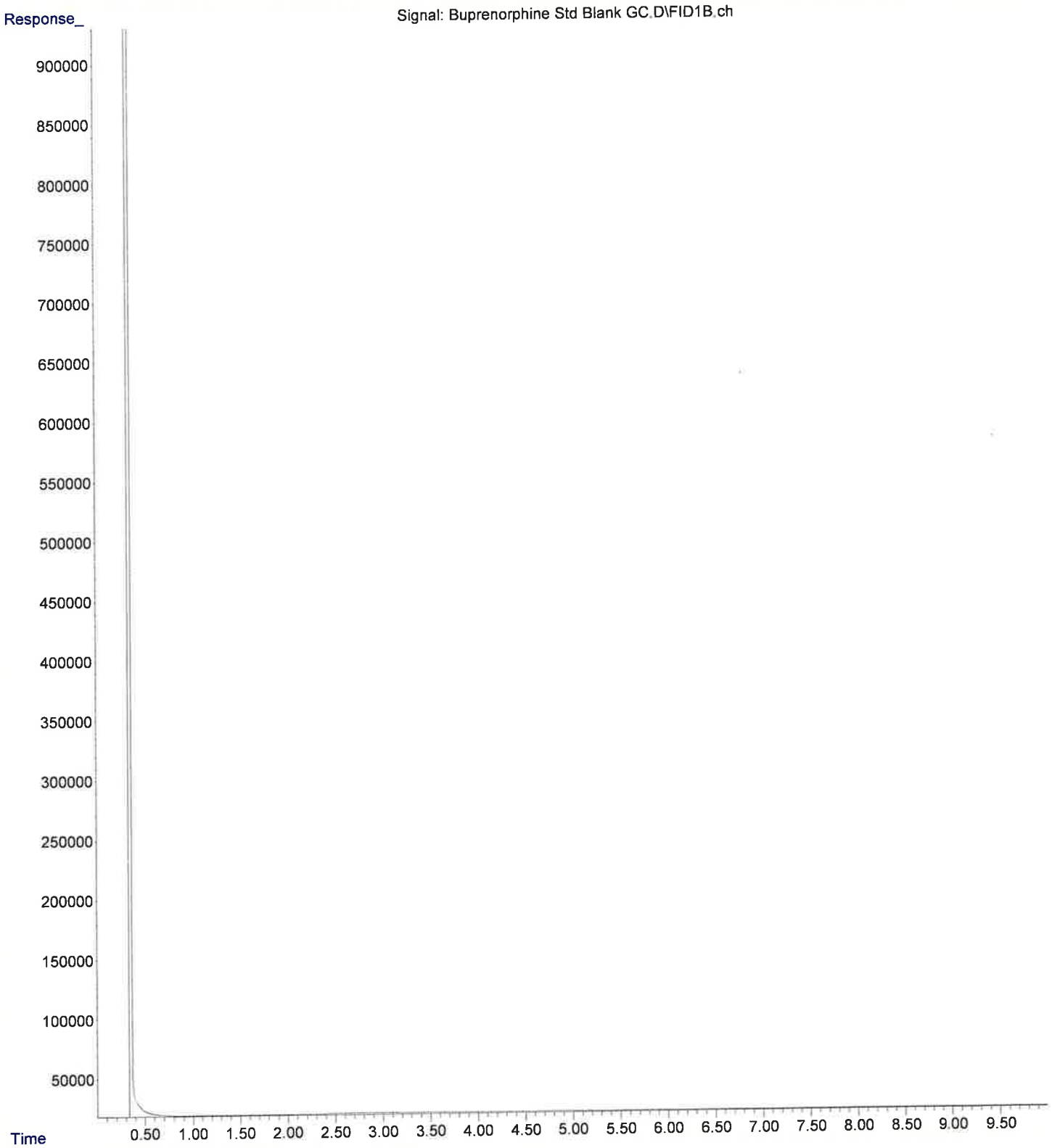
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... NJECTION 4-1-26\BTMPS Std Blank GC.D
Operator : RH
Instrument : Quincy
Acquired : 01 Apr 2026 15:33 using AcqMethod ASGC200.M
Sample Name: BTMPS Std Blank GC
Misc Info : Acetonitrile



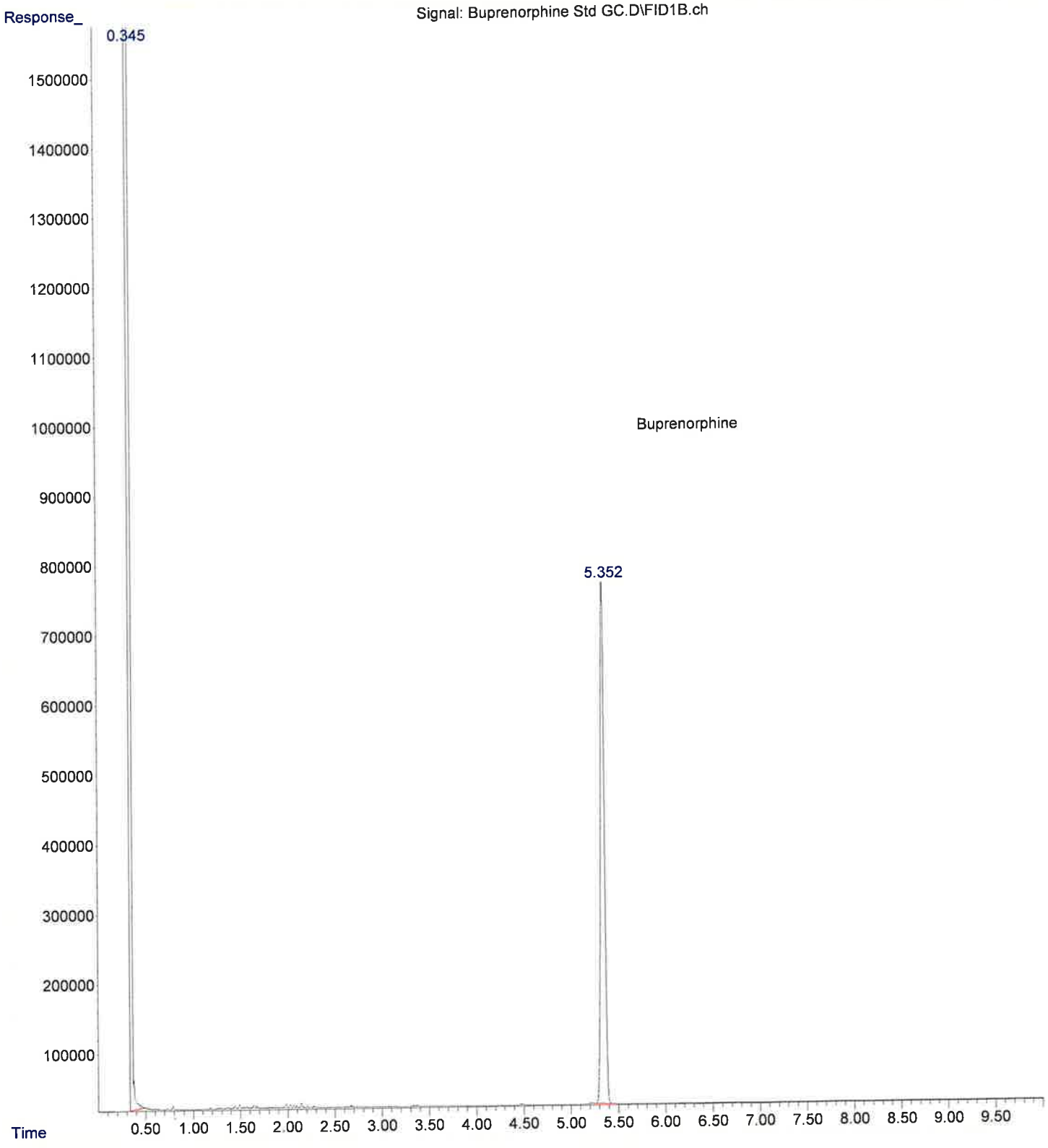
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... NJECTION 4-1-26\BTMPS Std GC.D
Operator : RH
Instrument : Quincy
Acquired : 01 Apr 2026 15:45 using AcqMethod ASGC200.M
Sample Name: BTMPS Std GC
Misc Info : Acetonitrile,Cayman,Lot0721850-7,Exp4-7-26



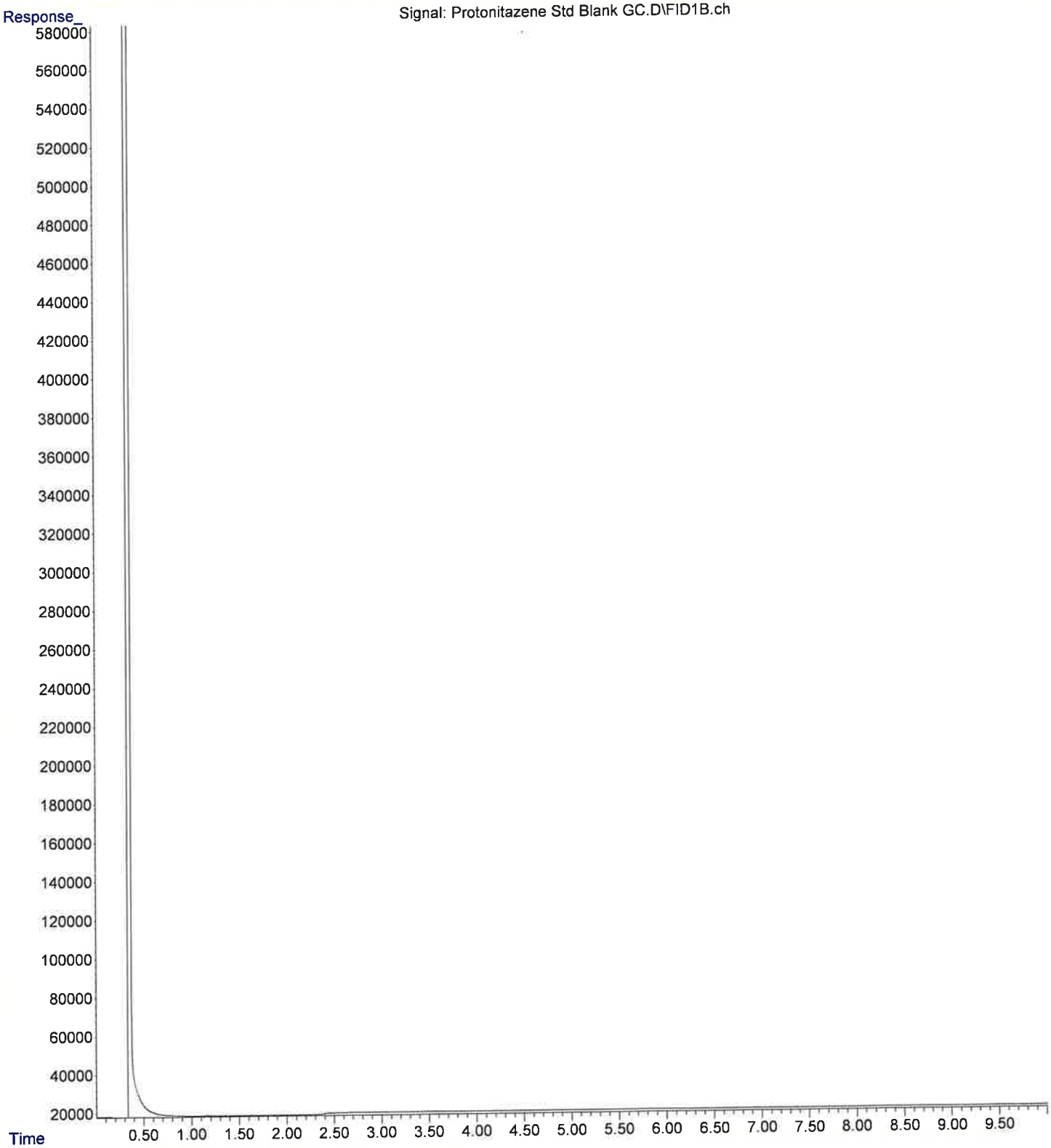
File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2026\RH\DUAL I
... NJECTION 4-1-26\Buprenorphine Std Blank GC.D
Operator : RH
Instrument : Quincy
Acquired : 01 Apr 2026 14:56 using AcqMethod ASGC200.M
Sample Name: Buprenorphine Std Blank GC
Misc Info : Meoh



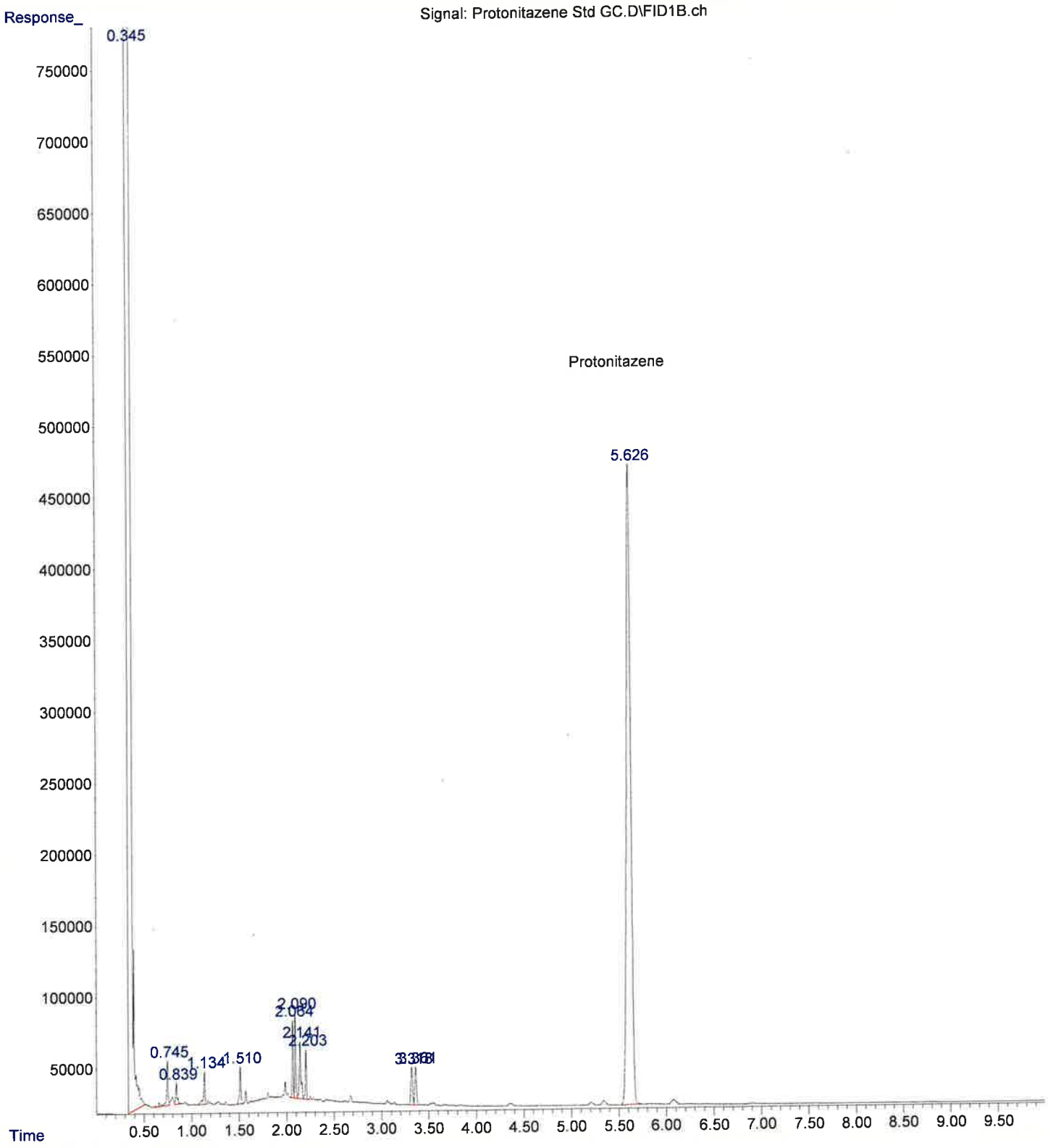
File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2026\RH\DUAL I
... NJECTION 4-1-26\Buprenorphine Std GC.D
Operator : RH
Instrument : Quincy
Acquired : 01 Apr 2026 15:09 using AcqMethod ASGC200.M
Sample Name: Buprenorphine Std GC
Misc Info : Meoh,Cerilliant,LotFE07252316,Exp2-28-29



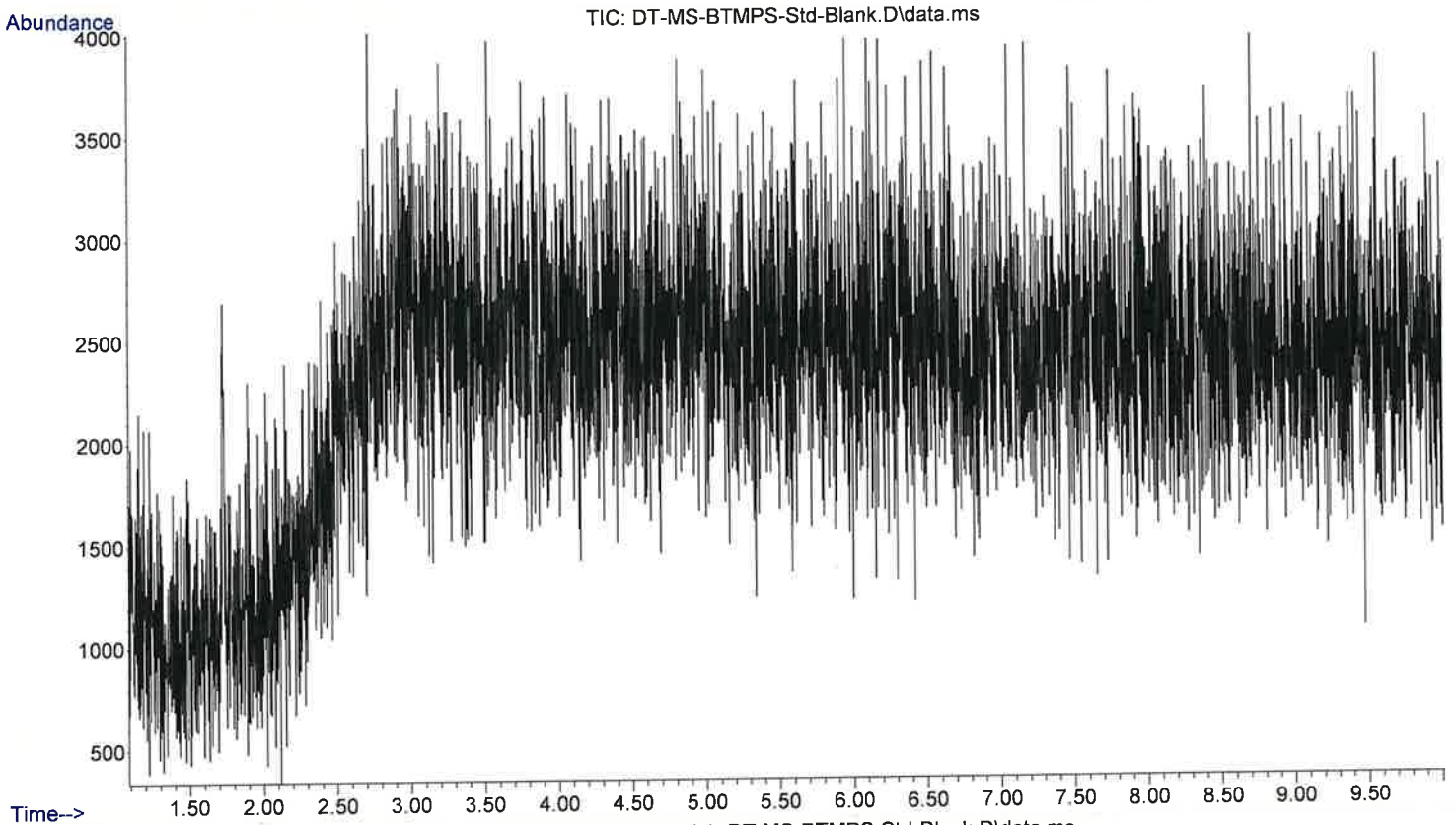
File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2026\RH\DUAL I
... NJECTION 4-1-26\Protonitazene Std Blank GC.D
Operator : RH
Instrument : Quincy
Acquired : 01 Apr 2026 16:10 using AcqMethod ASGC200.M
Sample Name: Protonitazene Std Blank GC
Misc Info : Meoh

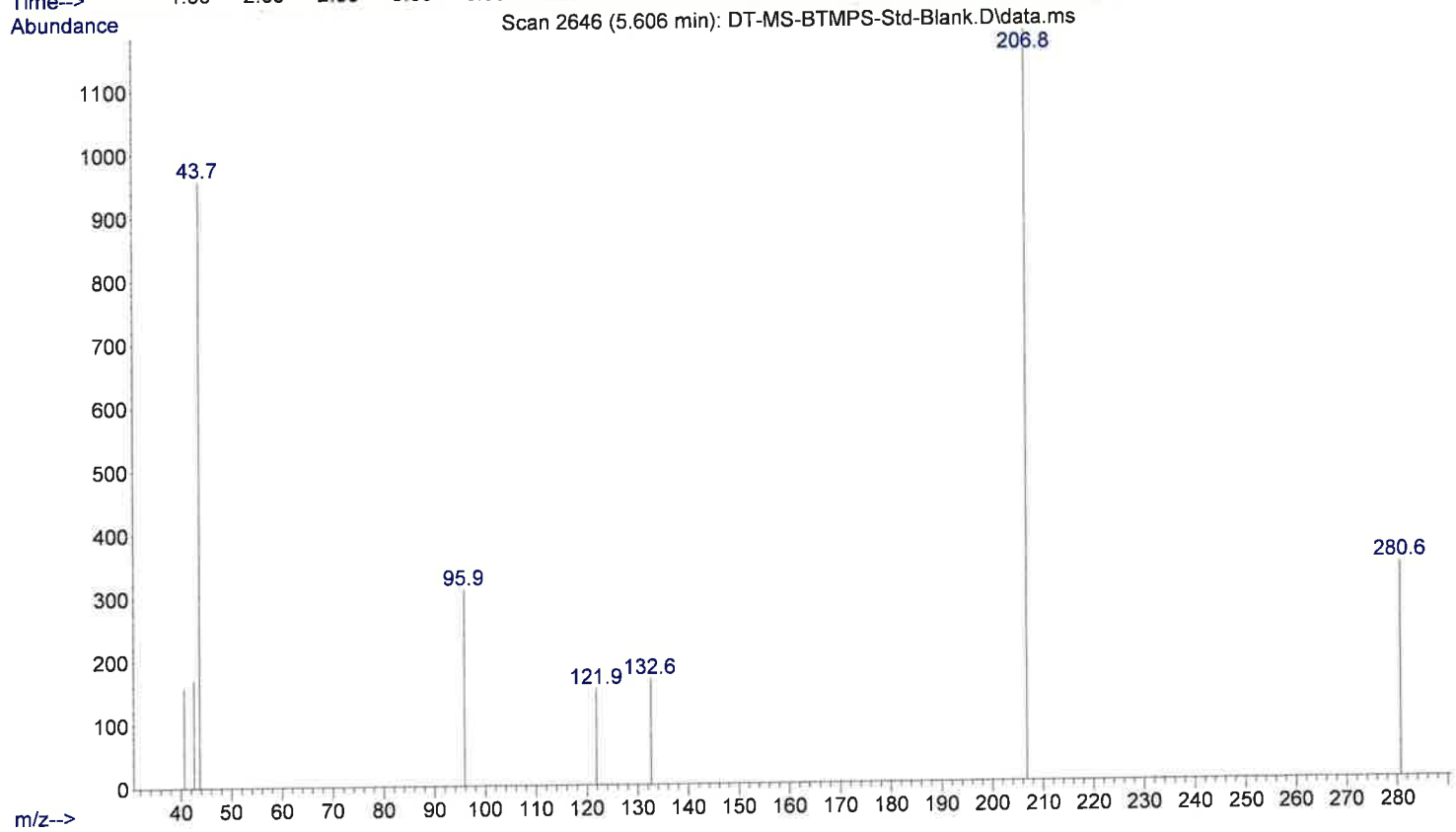


File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2026\RH\DUAL I
... NJECTION 4-1-26\Protonitazene Std GC.D
Operator : RH
Instrument : Quincy
Acquired : 01 Apr 2026 16:22 using AcqMethod ASGC200.M
Sample Name: Protonitazene Std GC
Misc Info : Meoh,Cayman,Lot0575807-12,Exp10-2-26

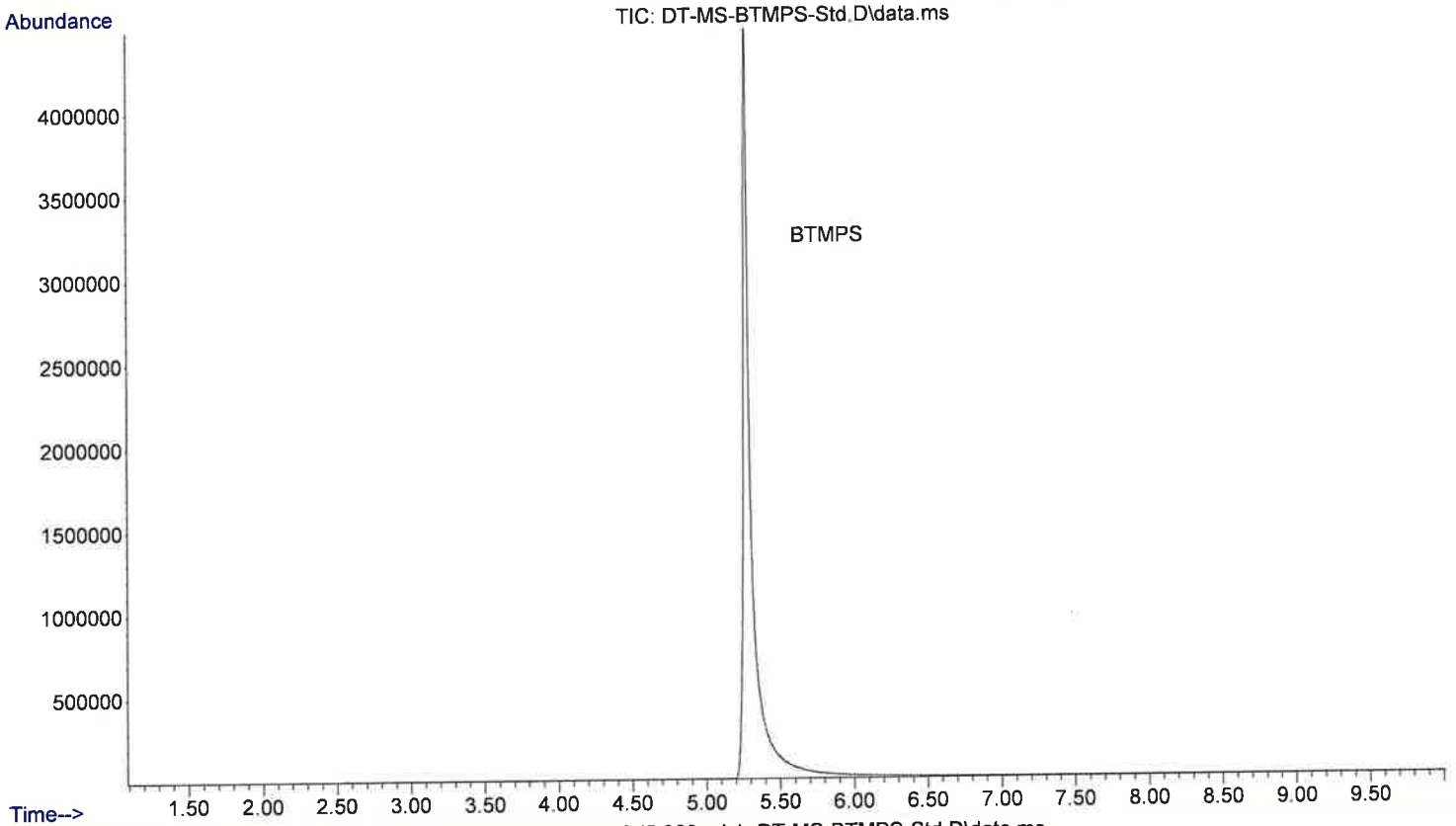


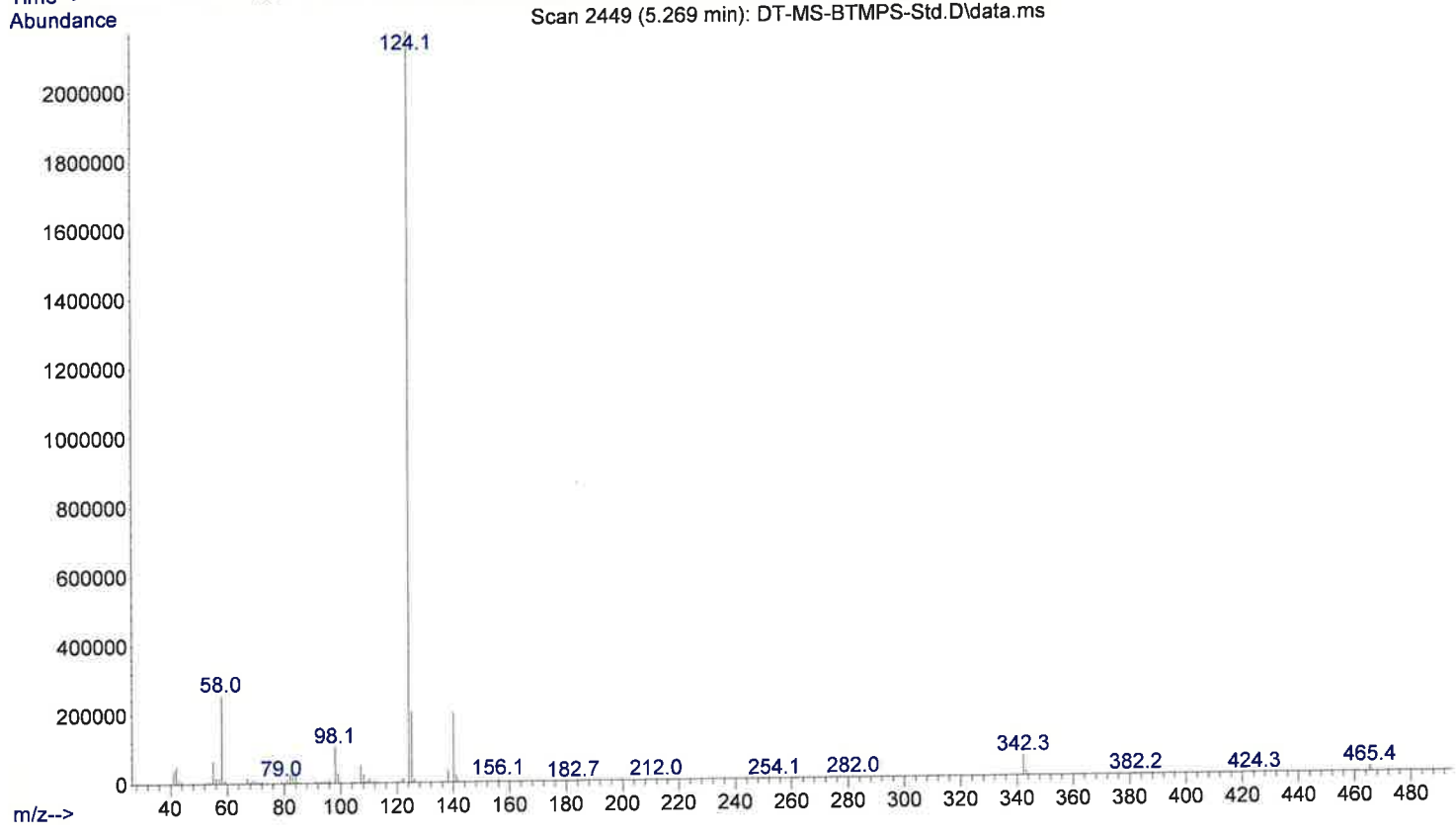
File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2026\RH\DUAL I
... NJECTION 4-1-26\DT-MS-BTMPS-Std-Blank.D
Operator : RH
Instrument : Quincy
Acquired : 01 Apr 2026 17:12 using AcqMethod DTDRUGS200.M
Sample Name: BTMPS Std Blank
Misc Info : Acetonitrile



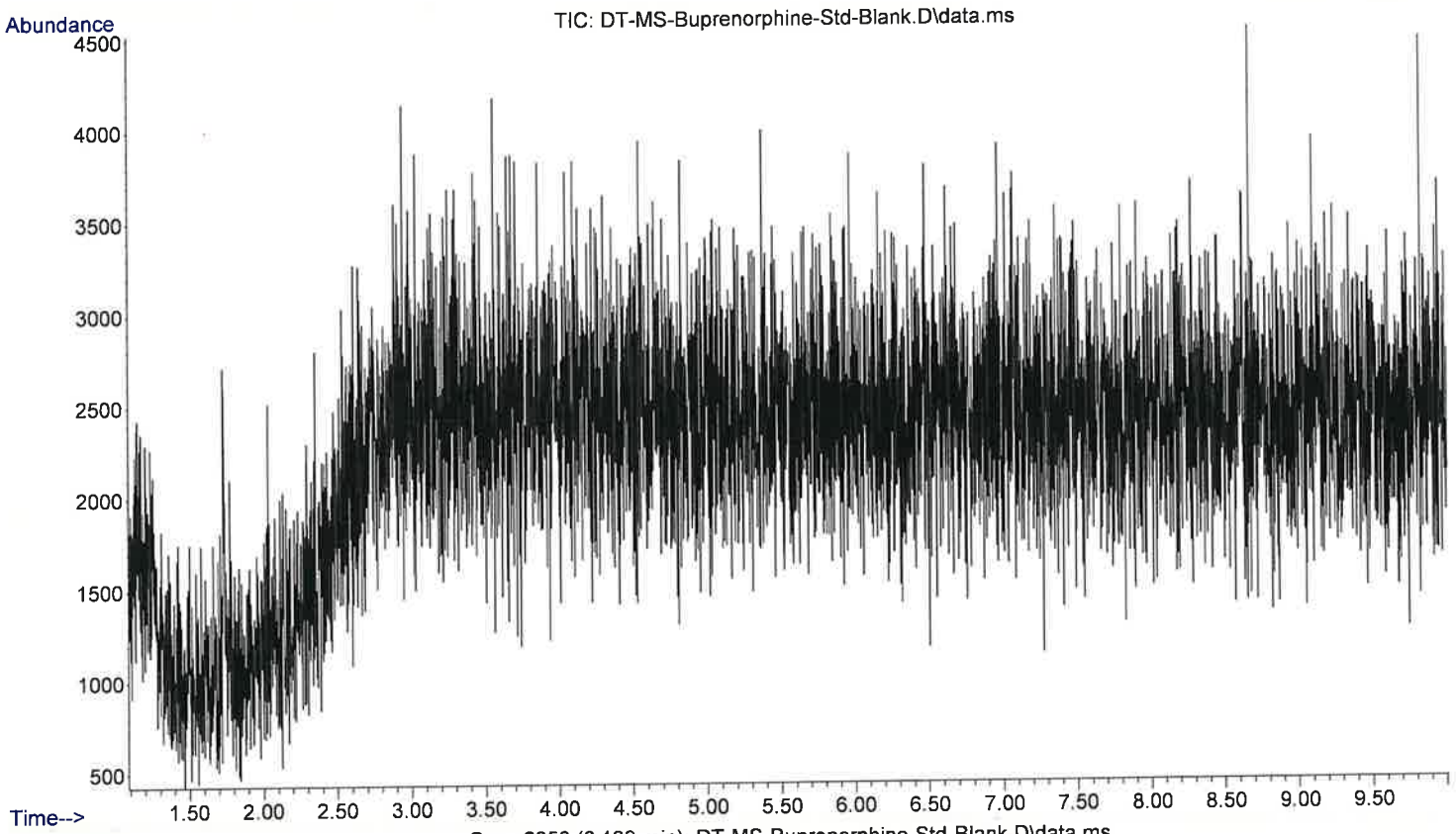


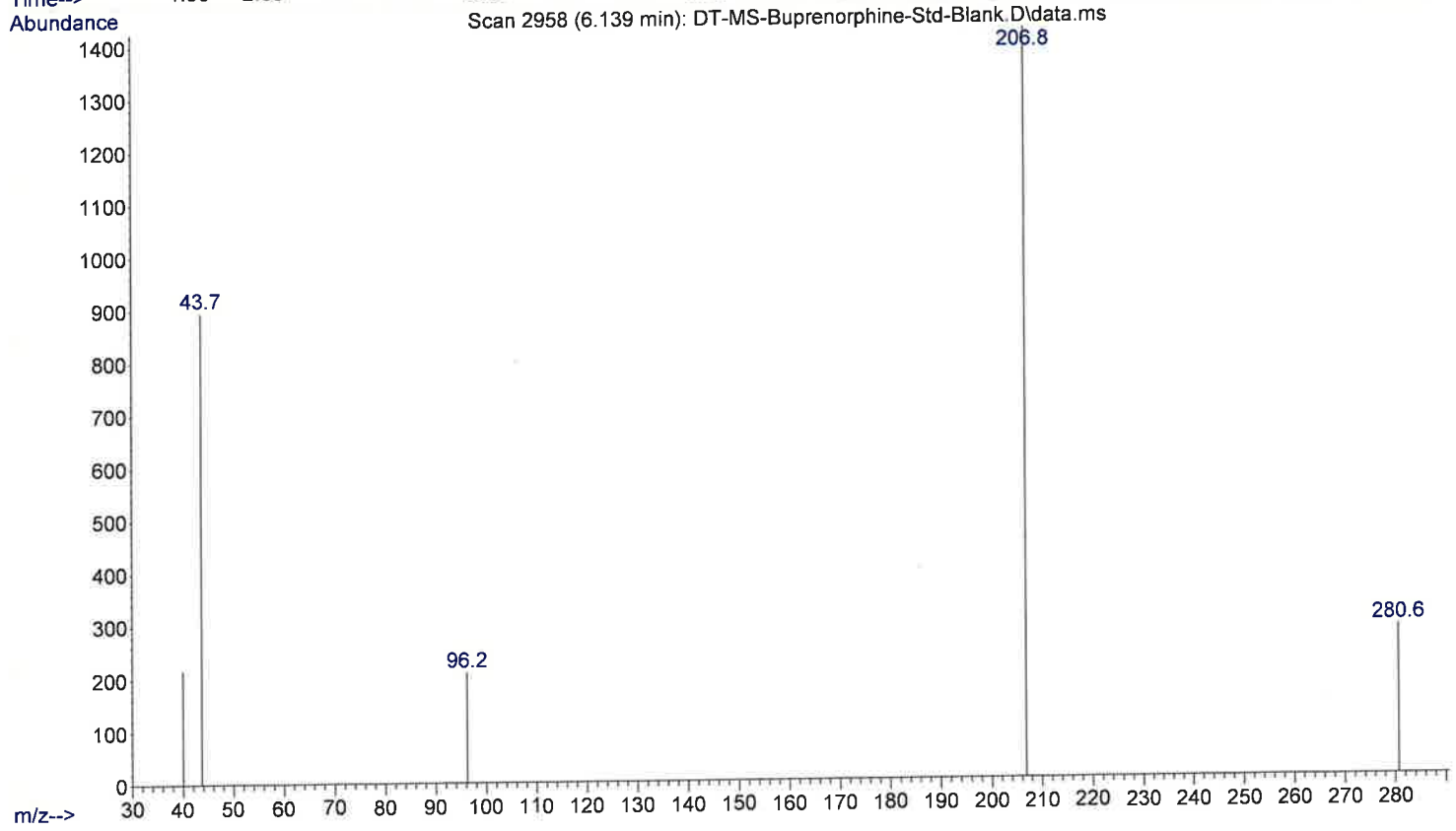
File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2026\RH\DUAL I
... NJECTION 4-1-26\DT-MS-BTMPS-Std.D
Operator : RH
Instrument : Quincy
Acquired : 01 Apr 2026 17:24 using AcqMethod DTDRUGS200.M
Sample Name: BTMPS Std
Misc Info : Acetonitrile,Cayman,Lot0721850-7,Exp4-7-26



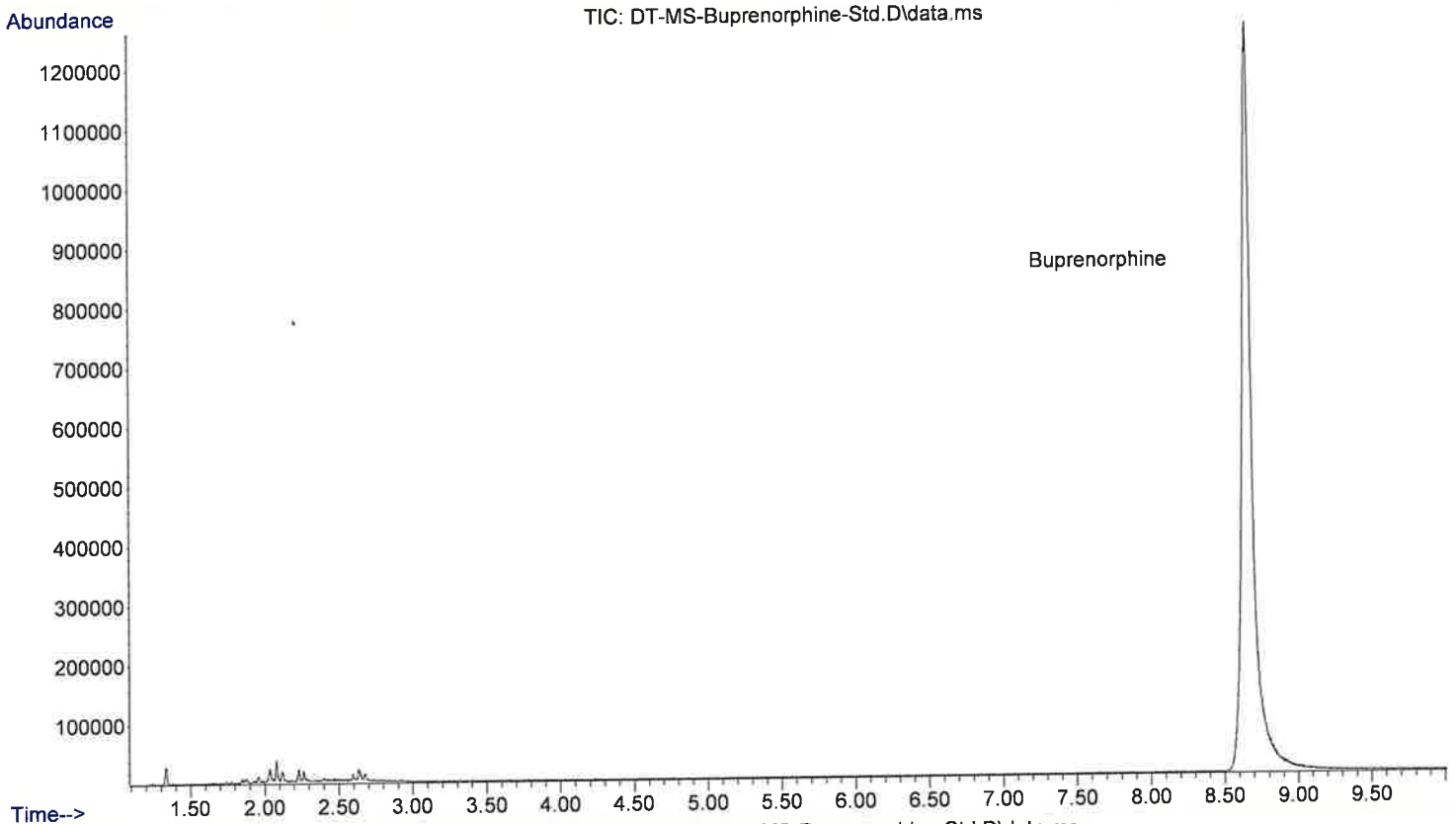


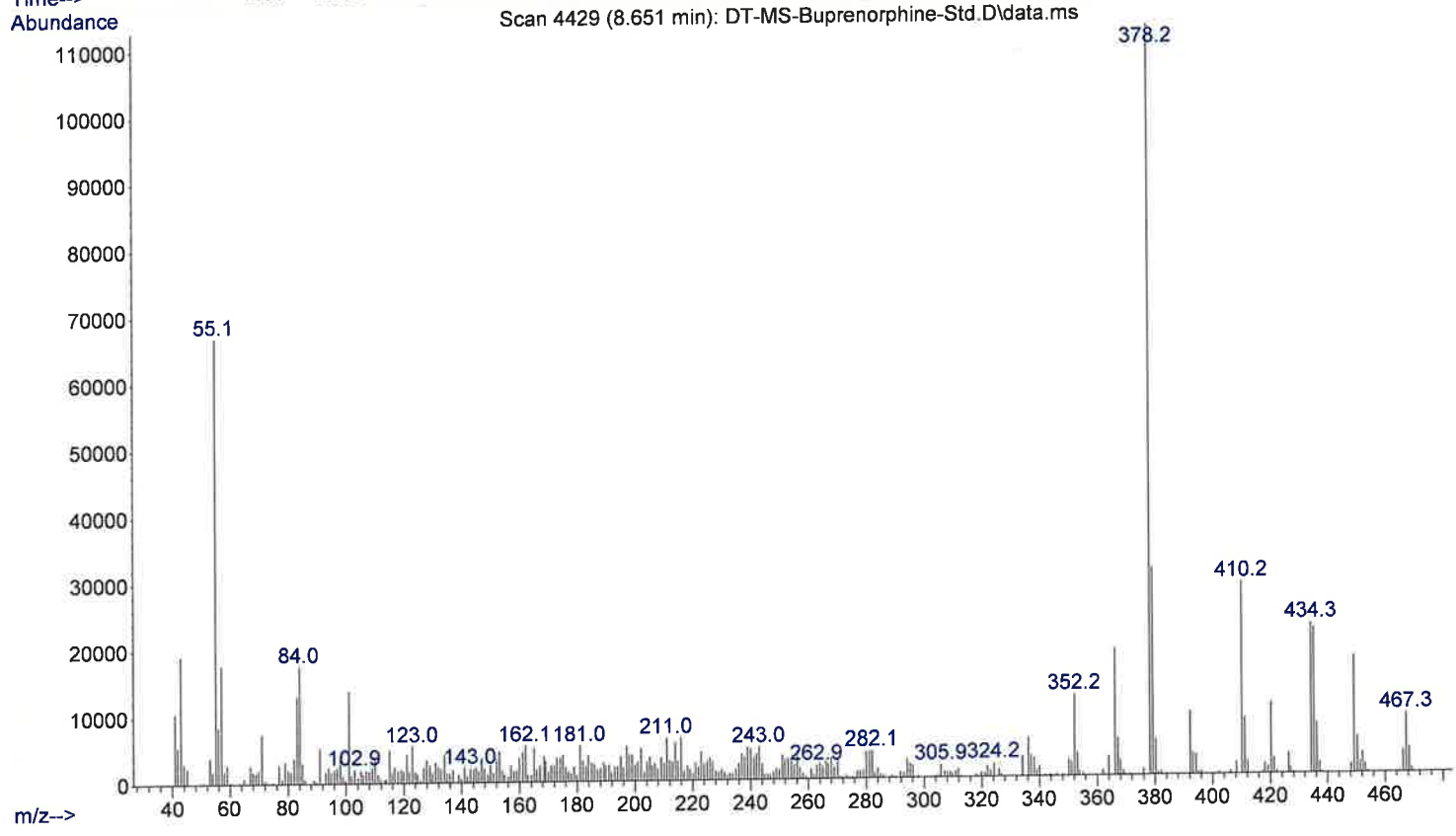
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Operator : RH
Instrument : Quincy
Acquired : 01 Apr 2026 16:47 using AcqMethod DTDRUGS200.M
Sample Name: Buprenorphine Std Blank
Misc Info : Meoh



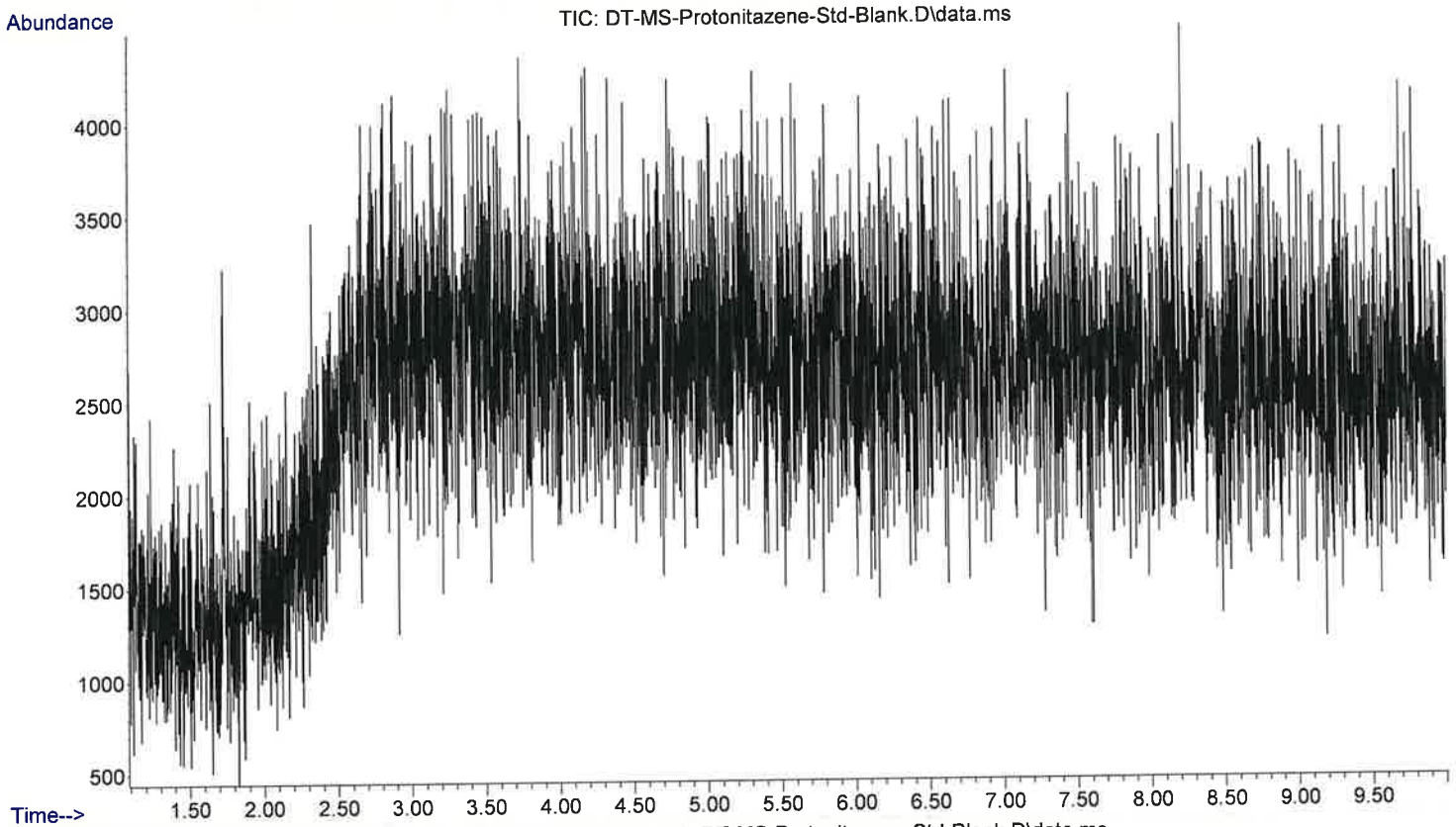


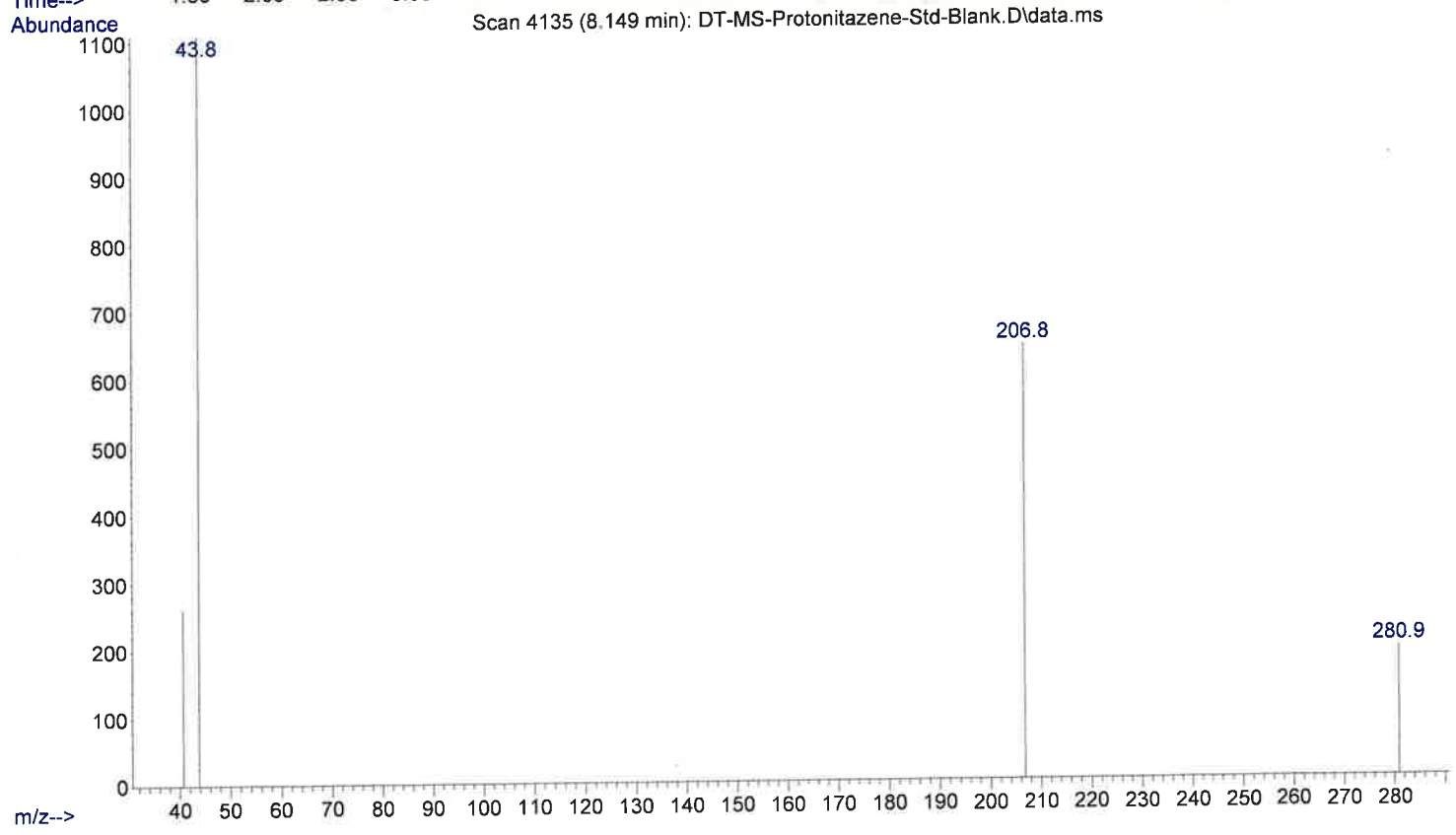
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Sample Name: Buprenorphine Std
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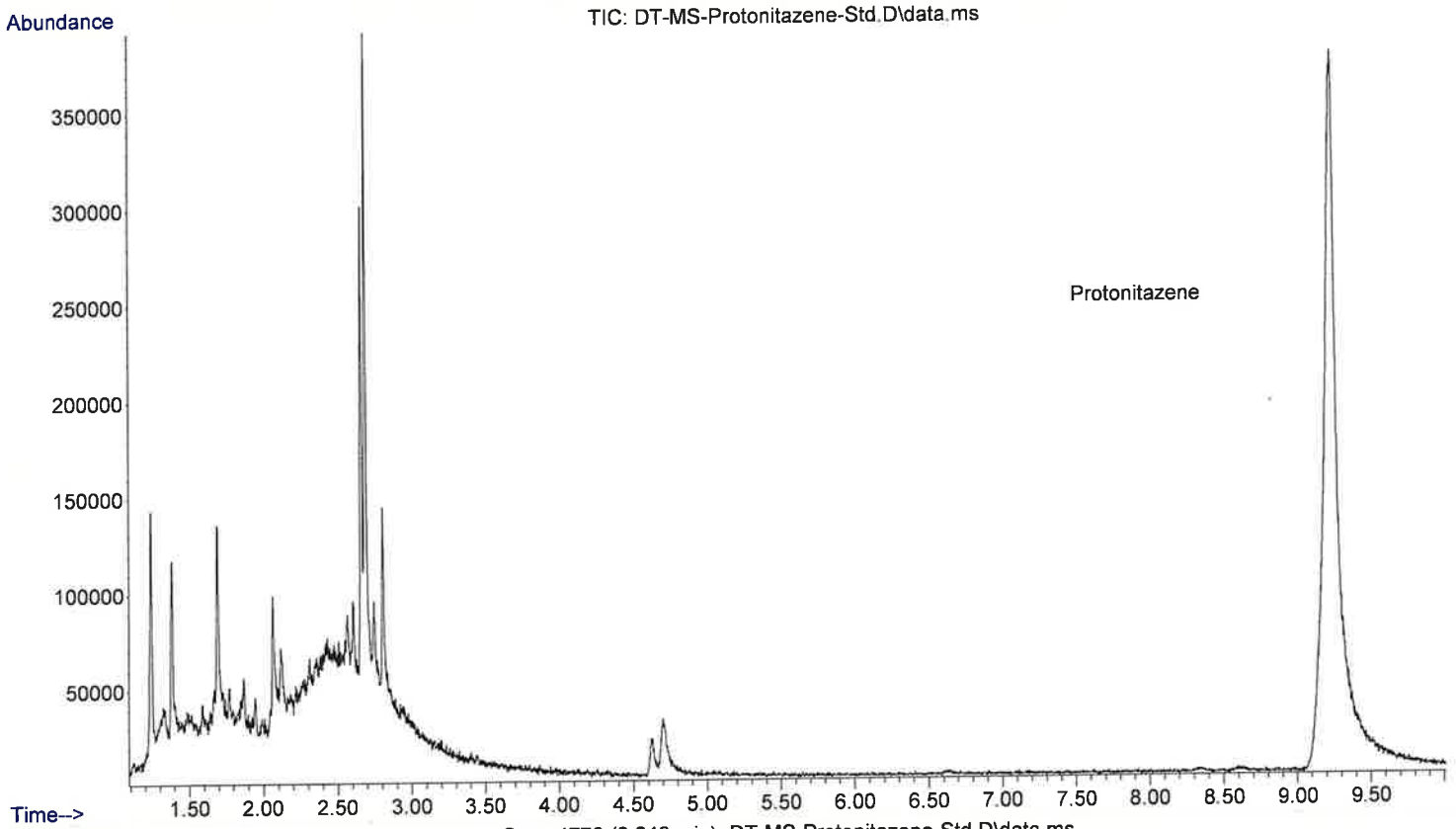


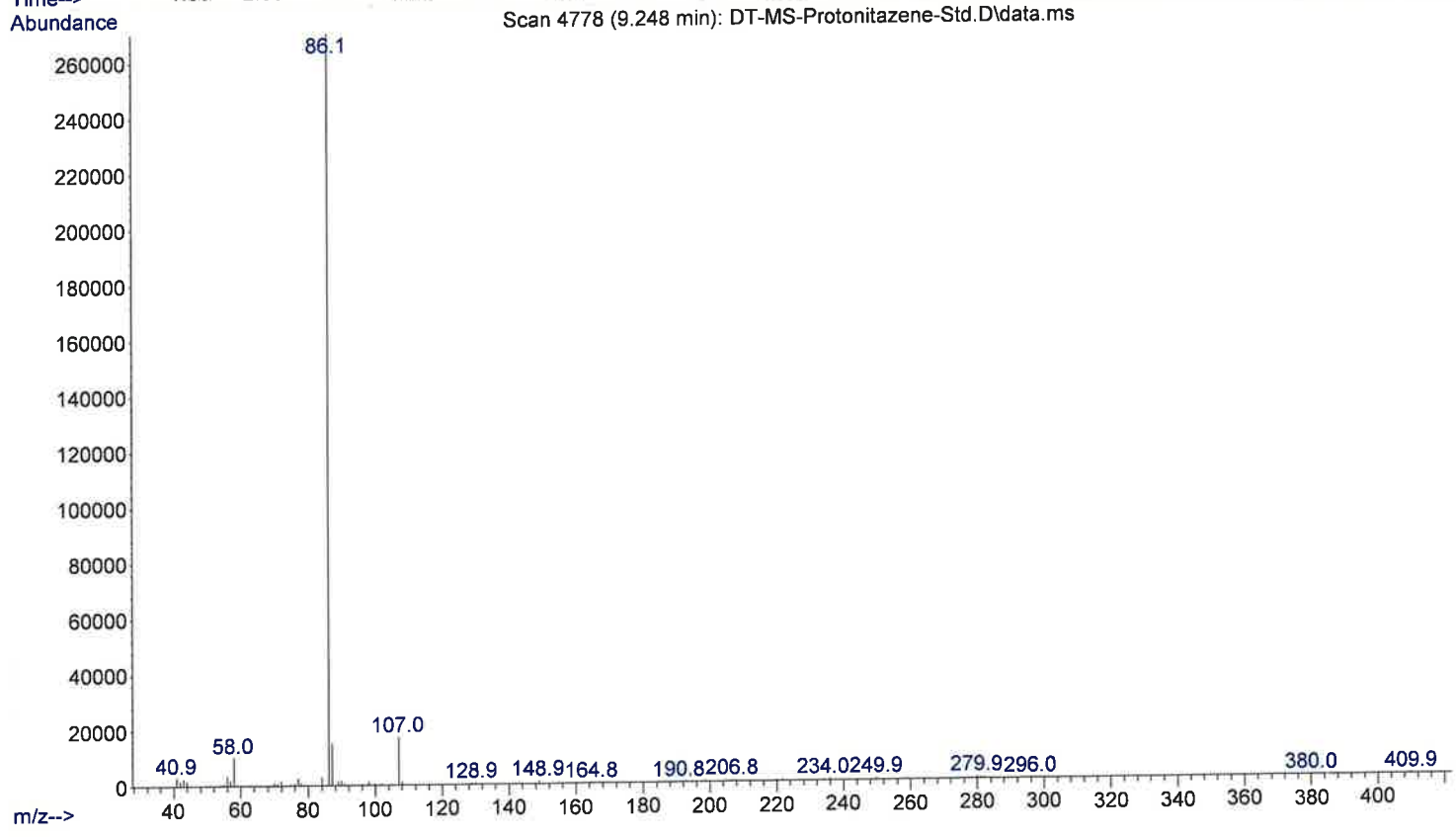
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Sample Name: Protonitazene Std Blank
Misc Info : Meoh



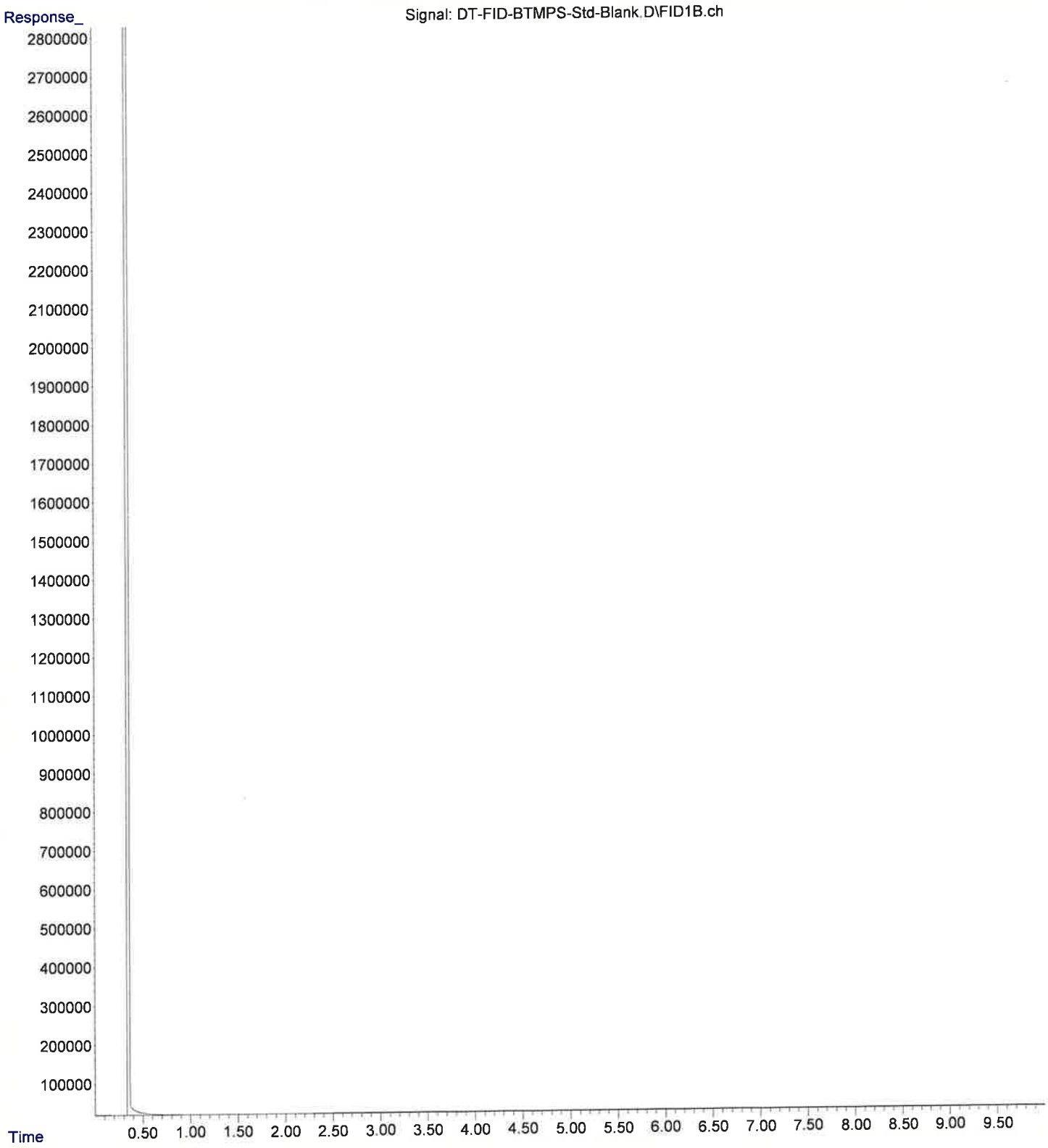


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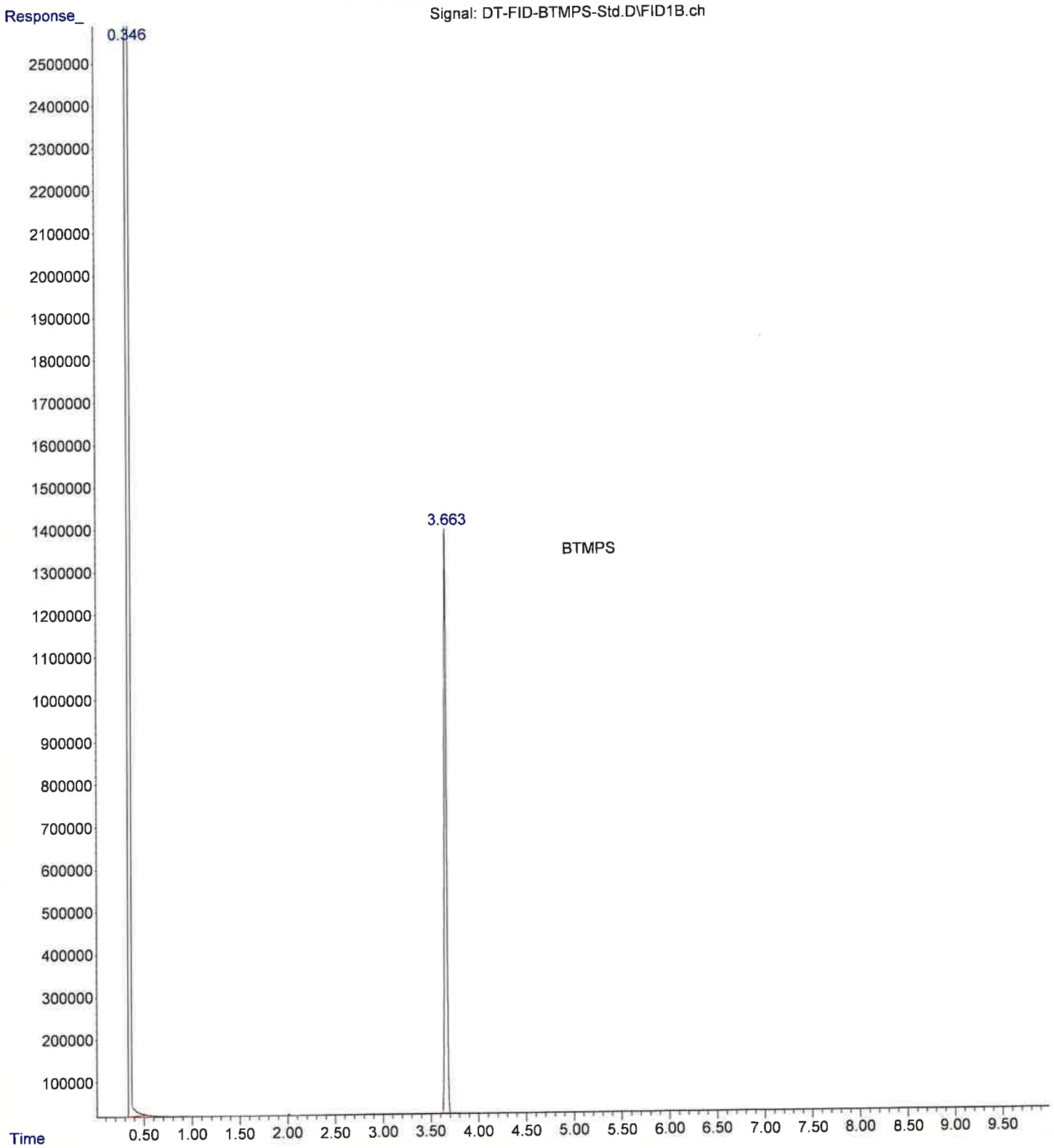




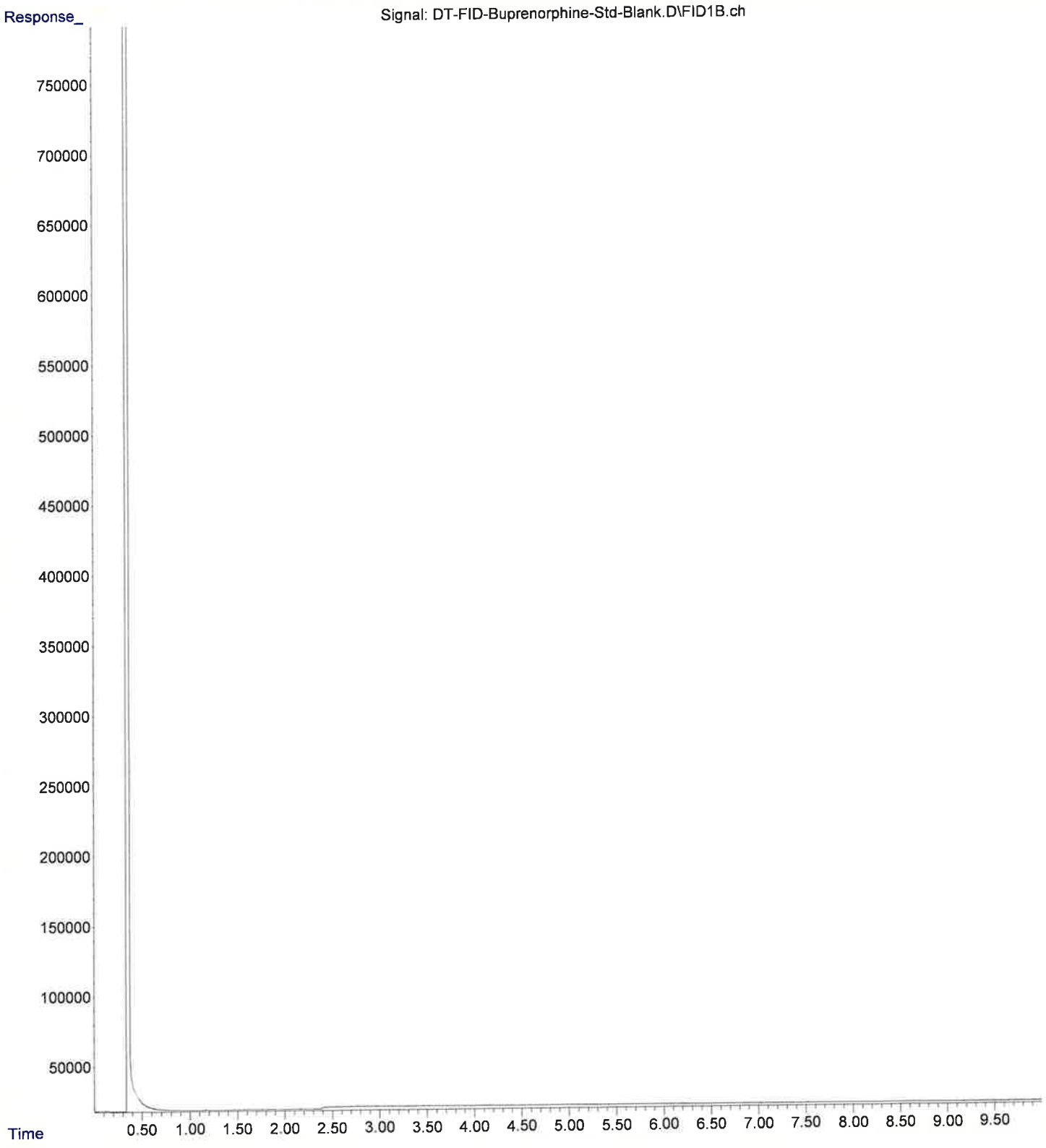
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Instrument : Quincy
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Sample Name: BTMPS Std Blank
Misc Info : Acetonitrile



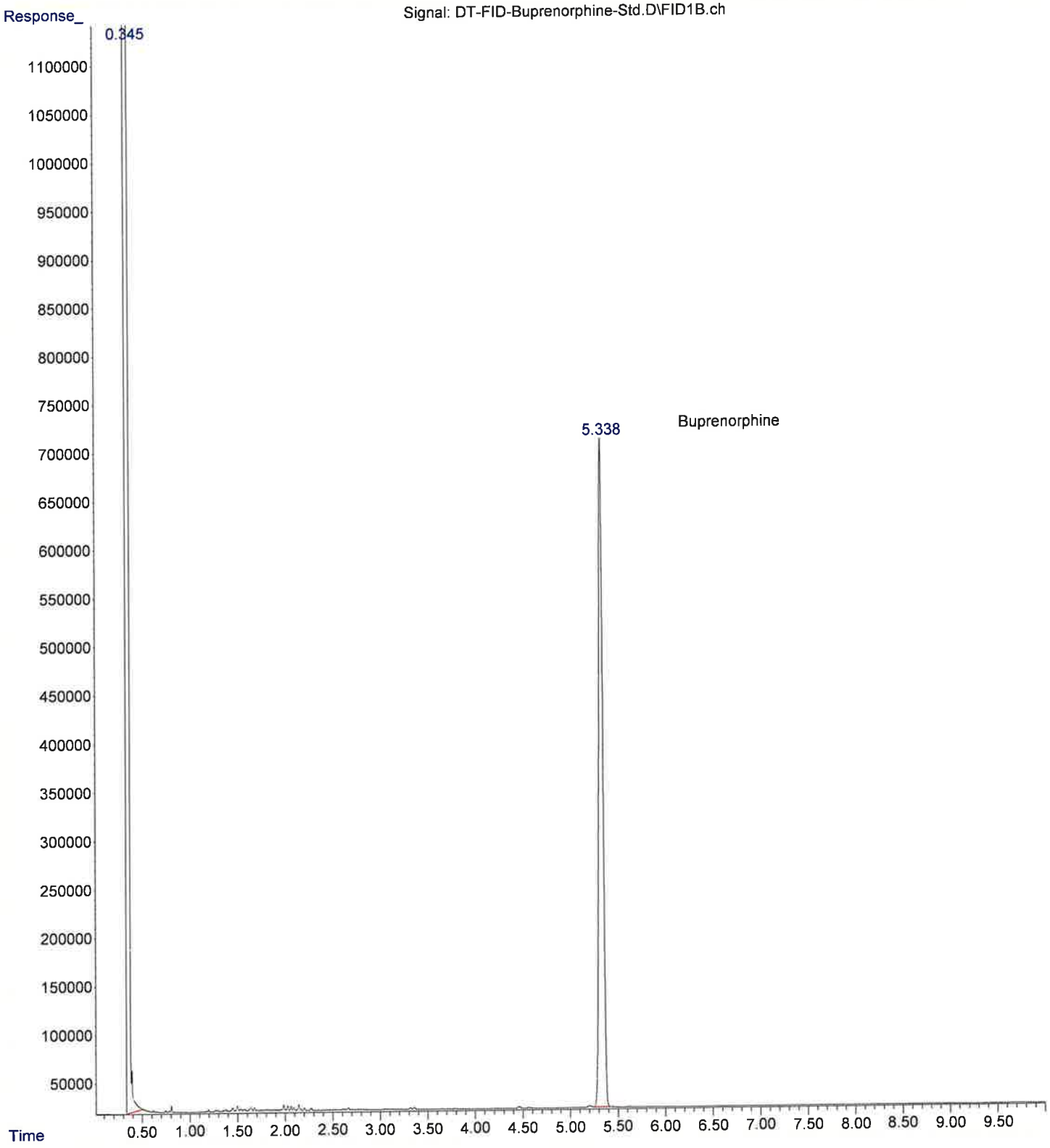
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Instrument : Quincy
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Sample Name: BTMPS Std
Misc Info : Acetonitrile,Cayman,Lot0721850-7,Exp4-7-26



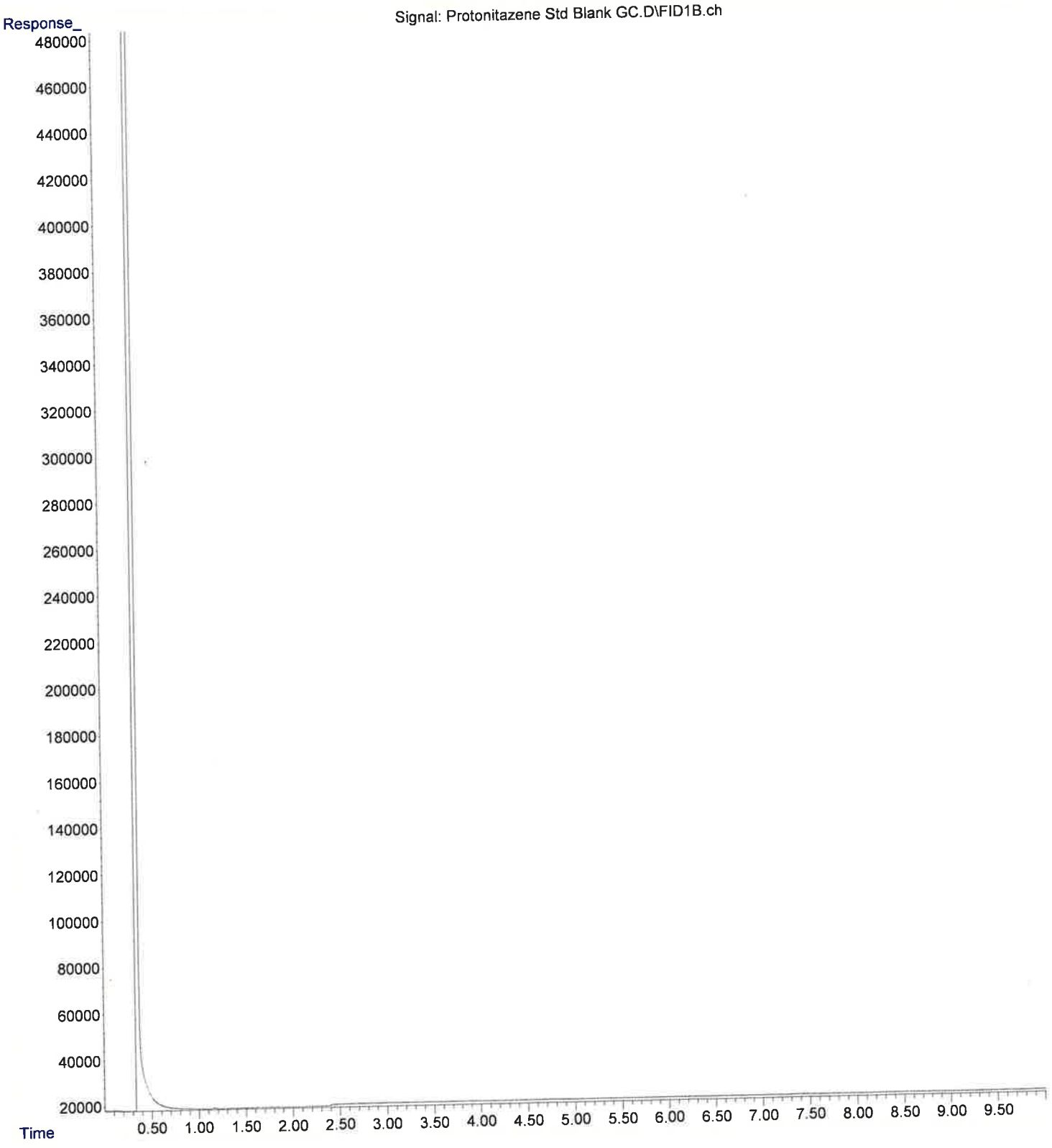
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Instrument : Quincy
Acquired : 01 Apr 2026 16:47 using AcqMethod DTDRUGS200.M
Sample Name: Buprenorphine Std Blank
Misc Info : Meoh



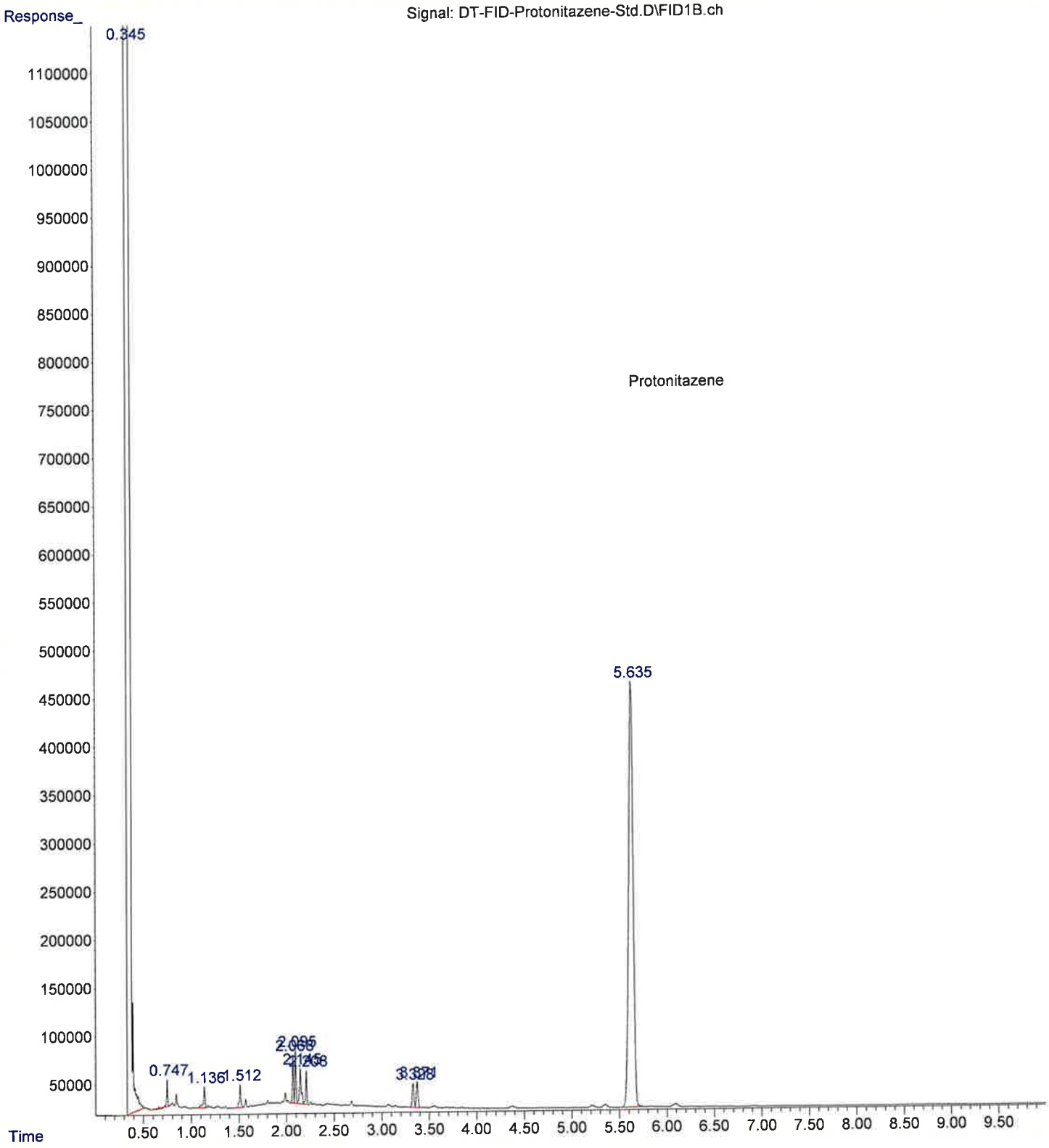
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Operator : RH
Instrument : Quincy
Acquired : 01 Apr 2026 16:59 using AcqMethod DTDRUGS200.M
Sample Name: Buprenorphine Std
Misc Info : Meoh,Cerilliant,LotFE07252316,Exp2-28-29



File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2026\RH\DUAL I
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Instrument : Quincy
Acquired : 01 Apr 2026 16:10 using AcqMethod ASGC200.M
Sample Name: Protonitazene Std Blank GC
Misc Info : Meoh



File :H:\Forensic Chemistry\Instruments\GCMS\Quincy\2026\RH\DUAL I
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Operator : RH
Instrument : Quincy
Acquired : 01 Apr 2026 17:50 using AcqMethod DTDRUGS200.M
Sample Name: Protonitazene Std
Misc Info : Meoh,Cayman,Lot0575807-12,Exp10-2-26



RESULTS AND DISCUSSION

Agilent 8890 GC System – Serial # US2032A025

Agilent 5977B GC/MSD – Serial # US2029M031

Quincy – Dual Injection Validation

Data from methods ASMSDRUGS100, ASGC100, DTDRUGS100 and ASMSDRUG200, ASGC200, and DTDRUGS200 was collected from March 6th-March 11th, 2025. All the GC/MS data, including the Dual Tower Injection method's GC/MS component were compared to the TBI drug standard libraries and were verified. The GC/FID data that was obtained from the Dual Tower Injection methods (DTDRUGS100, DTDRUGS200) was compared with the singular GC/FID methods (ASGC100, ASGC200) to determine if the singular GC/FID method could be utilized with the Dual Tower Injection method's GC/FID component since their parameters were the same set the same for their respective 100 and 200 temperature programmed methods. This would prove beneficial if additional standards were needed to be analyzed at a later point in time on a singular GC/FID 100 or 200 temperature method rather than having to use the Dual Tower Injection method that would include GC/MS data that would not be needed for GC/FID retention time comparison. However, Methamphetamine and Pethidine were not within the 2% retention time comparison range when comparing the DTDRUGS100 method to the ASGC100 method and all standards (Polydrug Mix, GCMS Calibration Mix, BTMPS, Buprenorphine, and Isotonitazene) were not within the 2% retention time comparison range when comparing the DTDRUGS200 method to the ASGC200 method. Upon review of the DTDRUGS100 and DTDRUGS200 method, it was determined that the pressure settings of the inlet were set at 9 psi when they needed to be at 15 psi. The DTDRUGS100 and DTDRUGS200 method were then changed to reflect the correct pressure. After the DTDRUGS100 and DTDRUGS200 methods were corrected, all standards were rerun on the ASMSDRUG200, ASGC200, and DTDRUGS200 methods starting on April 4th-7th, 2025. All the 200 temperature methods for the GC/MS data, including the Dual Tower injection method's GC/MS component were compared to the TBI drug standard libraries and were verified and all the 200 temperature methods for the GC/FID data, including the Dual Tower injection method's GC/FID component were within the 2% retention time comparison range when comparing the DTDRUGS200 method to the ASGC200 method. On May 12th, 2025, all the 100 temperature methods for the GC/MS data, including the Dual Tower injection method's GC/MS component were compared to the TBI drug standard libraries and were verified and all the 100

temperature methods for the GC/FID data , including the Dual Tower injection method's GC/FID component were not within the 2% retention time comparison range with the exception of Methamphetamine when comparing the DTDRUGS100 method to the ASGC100 method. Upon review of the DTDRUGS100 method, it was determined that the instrument method was set to constant flow instead of constant pressure. The DTDRUGS100 method was then changed to reflect the correct constant pressure setting. After the DTDRUGS100 method was corrected, all standards were rerun on the ASMSDRUG100, ASGC100, and DTDRUGS100 methods starting on May 28th-June 3rd, 2025. Cocaine, Hydrocodone, and Alprazolam were not within the 2% retention time comparison range when comparing the DTDRUGS100 method to the ASGC100 method. At this point, the Dual Tower Injection validation was set aside; to be re-evaluated once more extensive maintenance was performed on the GC/FID inlet system to determine if additional maintenance would rectify the standards that fell outside of the 2% retention time comparison range. The split line and filter were replaced on Quincy on March 12th, 2026, and in changing the split filter line it was noted that there was wool that was clogged in the split line of the GC/FID inlet. Fresh standards were made and data from methods ASMSDRUGS100, ASGC100, DTDRUGS100 and ASMSDRUG200, ASGC200, and DTDRUGS200 were collected from March 30th-31st, 2026. All the GC/MS data, including the Dual Tower Injection method's GCMS component were compared to the TBI drug standard libraries and were verified. All the GC/FID data, including the Dual Tower Injection method's GC/FID components were within the 2% retention time comparison range when comparing the DTDRUGS100 method to the ASGC100 method and DTDRUGS200 method to the ASGC200 method. Initially, the same standards were run for the 200 methods as the 100 methods, however, it was realized that there were later eluting compounds that were run on the 200 methods and those were then added and ran (Isotonitazene was no longer available, so Protonitazene was ran). Methamphetamine was cut off on the 200 methods for both GC/MS and GC/FID singular methods and Dual Tower Injection method and the data was not used for comparison, and it is not recommended to run Methamphetamine on the 200 methods for GCMS and GC/FID singular methods and Dual Tower Injection method. Additionally, the Polydrug mix had additional compounds that were not originally in the Polydrug mix starting on March 20th, 2026, including Medetomidine and BTMPS. However, the Polydrug mix was diluted due to it being more concentrated and the BTMPS was no longer able to be detected and was not used for retention time comparison. The singular BTMPS standard was run for retention time comparison on the 200 methods for GCMS and GC/FID singular methods and Dual Tower Injection method. A factor to consider as to why the standards may have fallen outside of the 2% retention time comparison range is that on March 10th-11th, 2025 the standards that ran on the DTDRUGS200 and ASGC200 methods were not within the 24-hour window that is required for GC/FID retention time comparison. Additionally, the standard sample vials that were originally used, had been used multiple times when run on later dates to where the standards may have evaporated or become more concentrated which could cause it to fall outside of the 2% retention time comparison window. Lastly, with the most recent standard run new syringes were put into the GC/MS and GC/FID

auto sample towers to ensure that there was consistent volume of sample being injected and no potential build up within the syringe.

TRAINING REQUIREMENTS

Agilent 8890 GC System – Serial # US2032A025

Agilent 5977B GC/MSD – Serial # US2029M031

Quincy – Dual Injection Validation

Concerning recently developed dual tower auto sample injection methods DTDRUGS100 and DTDRUGS200, the Forensic Chemistry Unit team will be provided instruction on setup of the sample log table which requires the added information column designated as Dual Injection Vial referring to the numerical location of the sample vial in the auto sample tray. This may be initially accomplished by acquiring a sequence log table and using tools to add Dual Injection Vial to the column's list. Each FCU team member will demonstrate understanding by setting up their own template and saving file with DTINIT (DT and the analyst's initials).