

REVIEWED

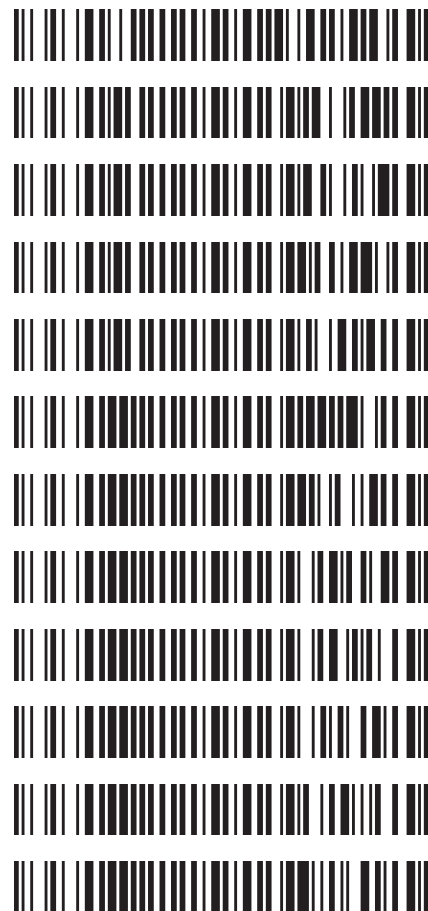
By Anne Nord at 11:41 am, Nov 17, 2019

11/13/2019

cg

Worklist: 3828

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
C2019-2060	4	UCK	AM 2 Urine Toxi A
M2019-4283	3	UCK	AM 2 Urine Toxi A
M2019-4349	1	UCK	AM 2 Urine Toxi A
M2019-4427	3	UCK	AM 2 Urine Toxi A
M2019-4505	4	UCK	AM 2 Urine Toxi A
P2019-3055	1	UCK	AM 2 Urine Toxi A
P2019-3090	1	UCK	AM 2 Urine Toxi A
P2019-3129	1	UCK	AM 2 Urine Toxi A
P2019-3130	1	UCK	AM 2 Urine Toxi A
P2019-3142	1	UCK	AM 2 Urine Toxi A
P2019-3152	1	UCK	AM 2 Urine Toxi A
P2019-3282	1	UCK	AM 2 Urine Toxi A



AM 2: De-Tox Tube A Urine Extraction

Extraction Date: 11/07/2019

Analyst: Celena Shrum

Negative Urine: POC031319

GC/MS ID: Major Mass Spec

Positive Control Working Solution Lot: WS082919

Pre-Analytic:

- 1. *Positive Control Working Solution Preparation Instructions:*
Tube A positive control may be commercially obtained or prepared in-house. At a minimum, the control must contain at least one phenethylamine at an approximate concentration between 500 and 3000 ng/mL, and one opiate at an approximate concentration between 300 and 3000 ng/mL.
- 2. Verify Tune and Tune evaluation completed within the previous 7 days. Tune and Tune evaluation reports initialed and filed.
- 3. Create GCMS sequence to include controls, case blanks and case samples.

Analytic:

- 1. Remove working solutions, controls, and samples from cold storage.
(Optional Steps for Enzyme Hydrolysis- completed in addition to General extraction without Hydrolysis)
 - 2a. In labeled round bottom Extraction tubes: add 4.5mL of case samples, and controls.
 - 2b. Add 150uL of 2M acetate buffer, vortex.
 - 2c. Add 100uL glucuronidase, cap and rock gently.
 - 2d. Heat at 60C for 2 hours. Allow to cool before proceeding to step 3.
- 3. To each labeled De-Tox Tube add 5mL sample, Positive control: spike positive control working solution.
- 4. Place on tube rocker at ambient temp for approx. 10 minutes.
- 5. Centrifuge for approx. 10 min at ~2500-3000rpm.
- 6. Transfer solvent (upper layer) to new tube, and evaporate to ~100-300uL.
- 7. Transfer to labeled ALS vial with insert.
- 8. Place ALS Vials in appropriate location on GCMS rack and run using appropriate GCMS method.

Post-Analytic

- 1. Complete Data analysis on all samples and corresponding sample blanks
GCMS Data path: D:\DATA\CDS\2019\am 2 worklist 3638 am 2 110719 11/19/19
- 2. Did positive and negative control samples provide intended response? Y / N
- 3. Sample Criteria for ID: RT +/- 0.2 min. (or 0.1 min. for phenethylamines)
- 4. Central File Packet to include: LIMS Worklist, Method Checklist, Working solution prep sheet(s), Positive control GCMS data printouts,

COMMENTS: This data is being used in conjunction with the AM 28 data.



Idaho State Police Forensic Services

AM #2 General Extraction of Urine for Basic/Neutral or Acidic/Neutral Compounds

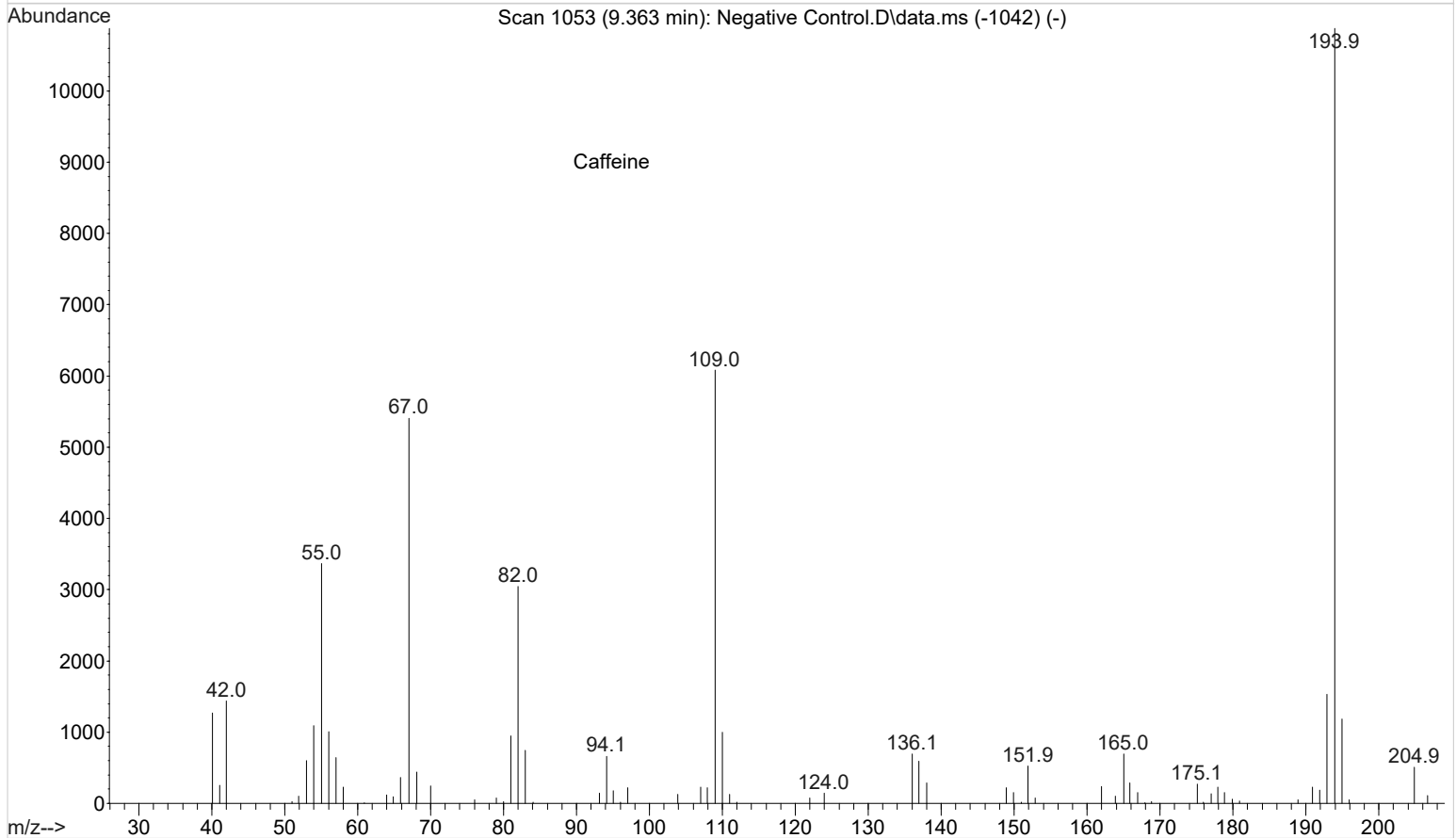
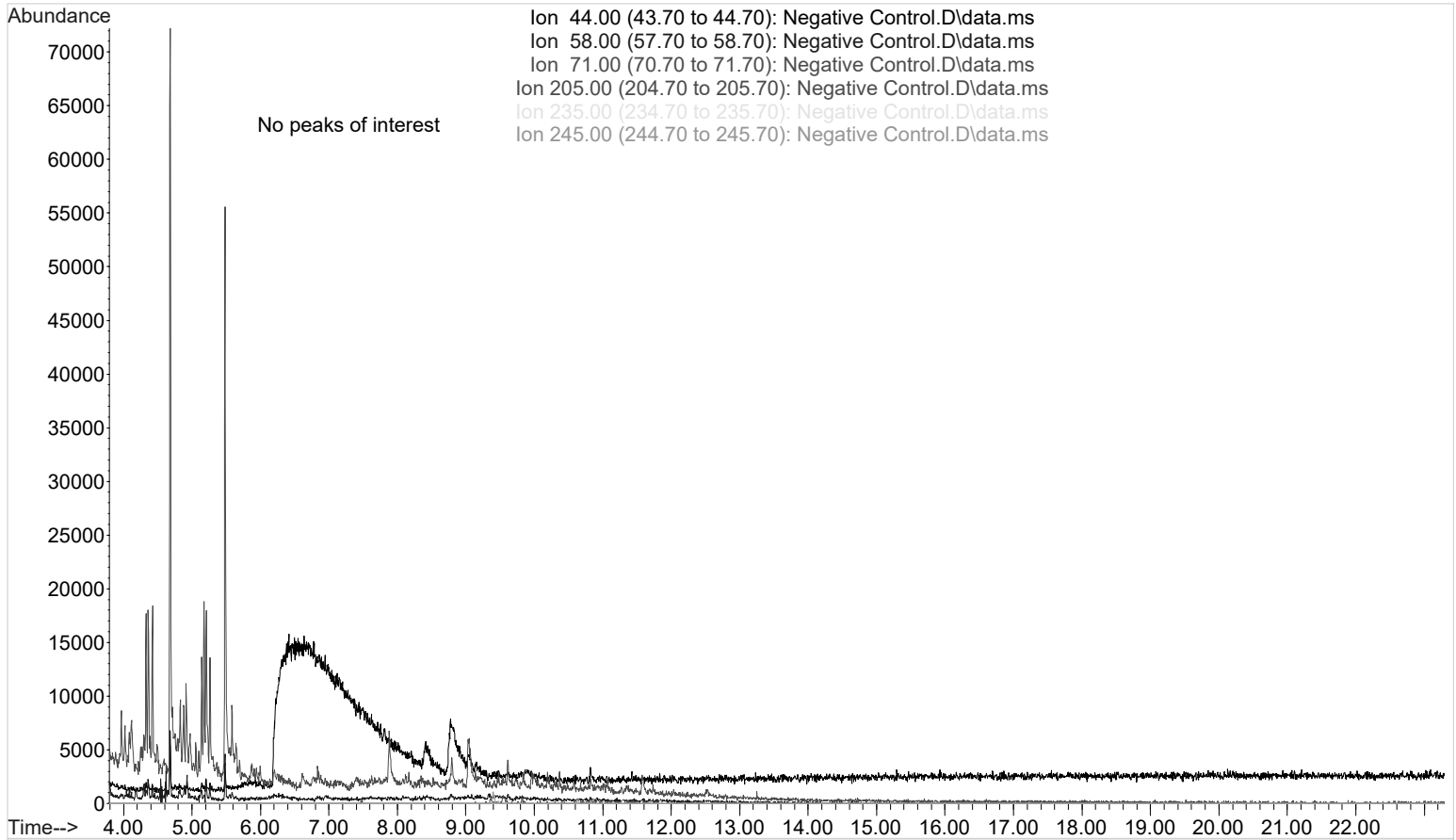
<i>Reagent</i>	<i>Lot Number</i>	<i>Expiration Date</i>	<i>Date in Service</i>	<i>Date Out of Service</i>	<i>Initials</i>
Negative Urine	POC031319	N/A	03/13/2019		
Toxi-A Positive Control	WS082919	08/29/2020	08/29/2019		
Toxi-A Tube	61501	N/A	06/26/2017		

Toxi-A Positive Control Working Solution (Lot: WS082919)

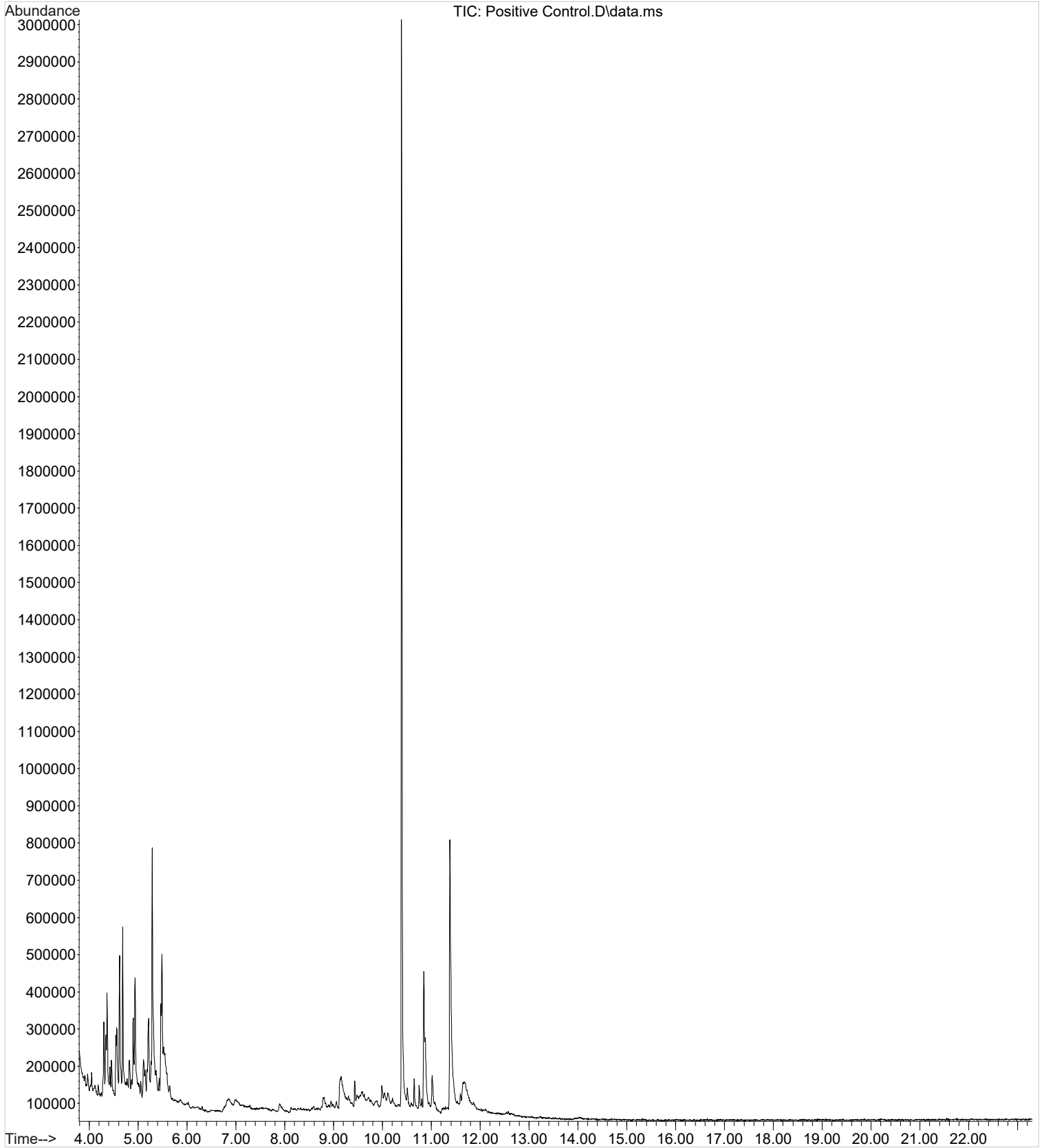
<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Codeine	Grace	1006000004
Methadone	Cerilliant	35162-75A
Methamphetamine	Alltech	0505000466
Morphine	Cerilliant	35268-49N
Phentermine	Cerilliant	30714-57F
Methanol (LCMS Grade)	Fisher	186489

File :G:\TOX\Pocatello\MMS\CDS\2019\am 2 110719 CS\Negative Contro
... 1.D
Operator : ISP\Datastor
Instrument : Major Mass Spec
Acquired : 07 Nov 2019 12:46 using AcqMethod UTOX GEN DRUG 6-2017extended.M
Sample Name: Negative Control
Misc Info : POC031319; AM #2

CS

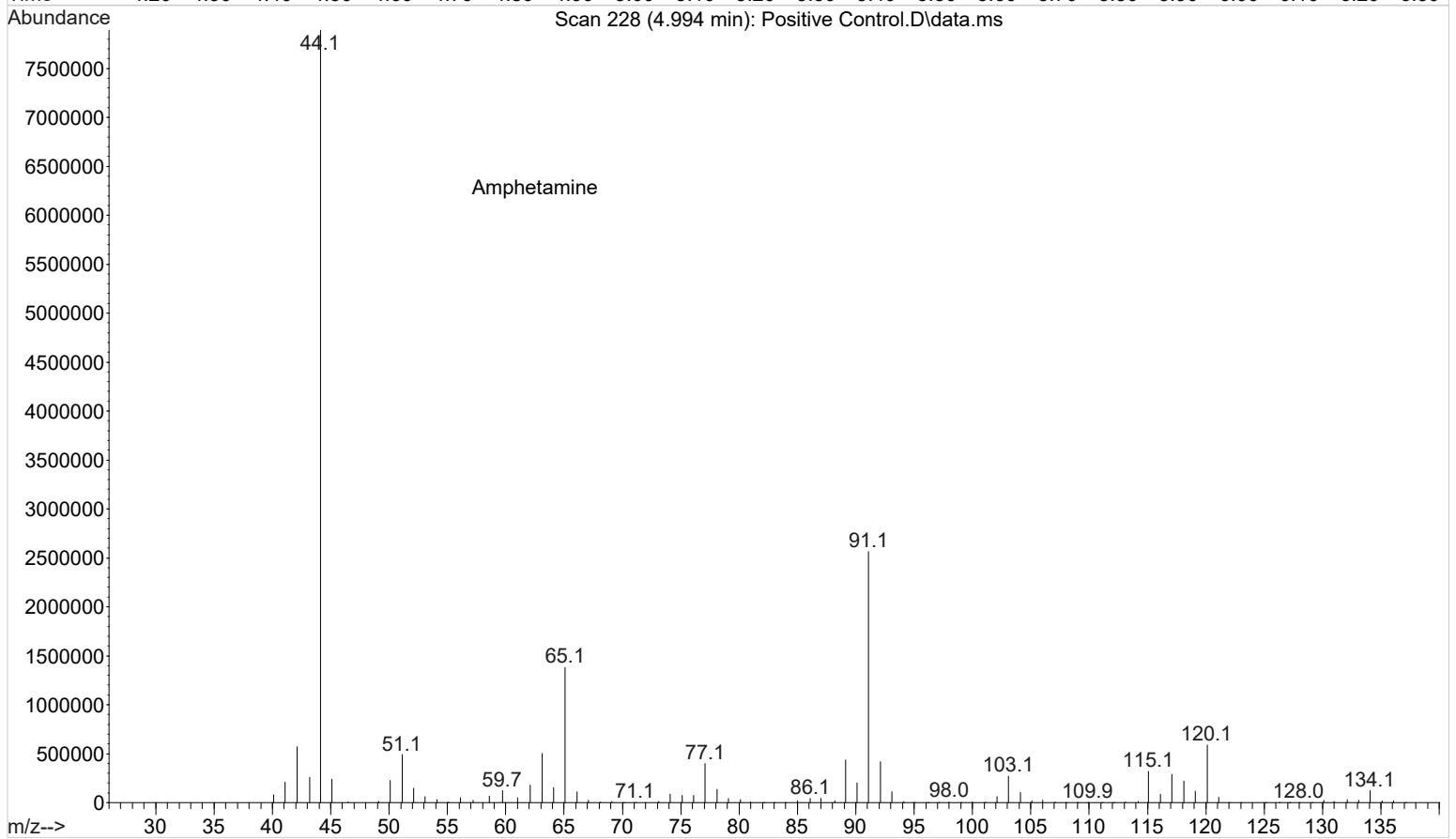
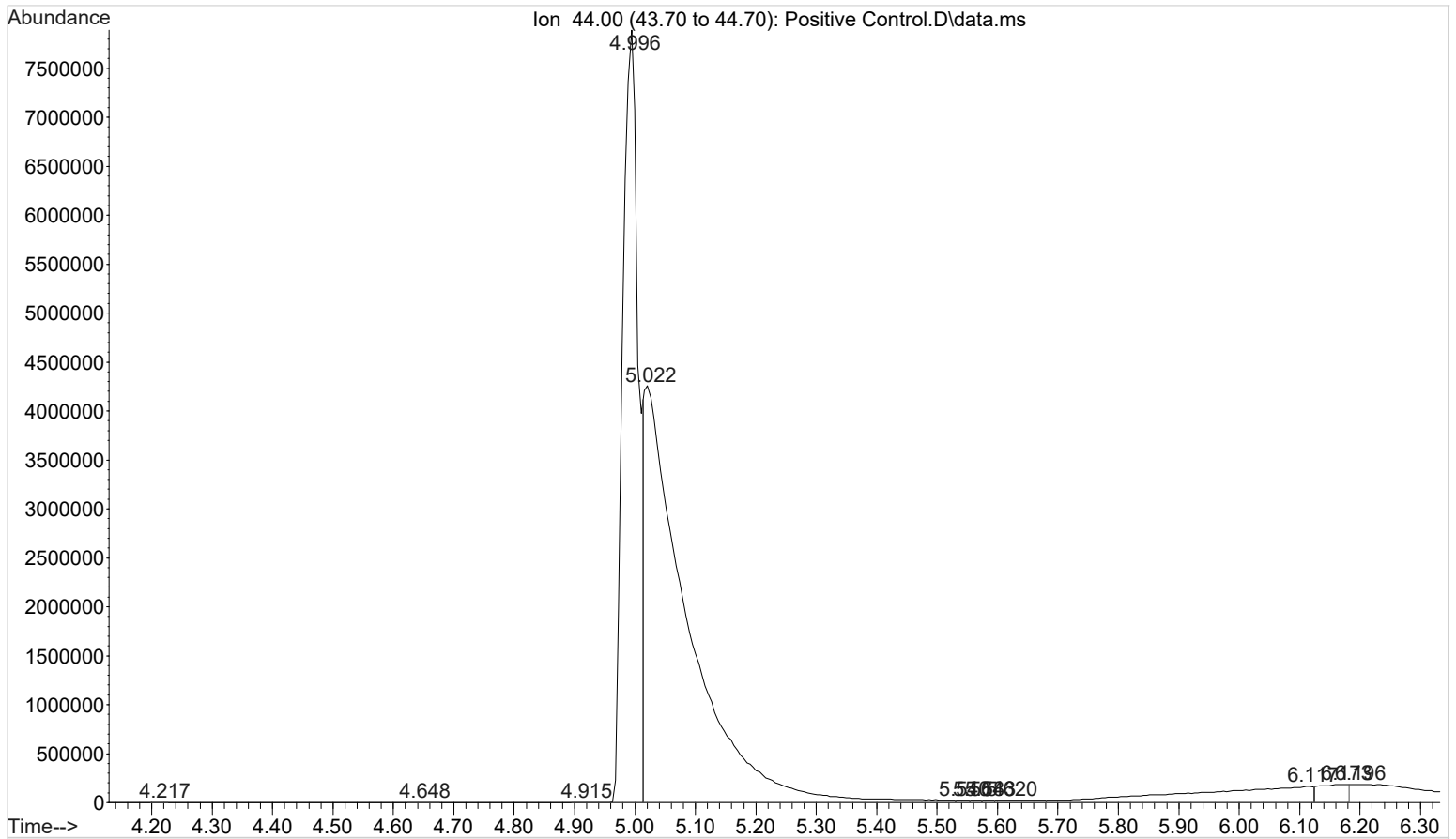


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Instrument : Major Mass Spec
Acquired : 07 Nov 2019 14:36 using AcqMethod UTOX GEN DRUG 6-2017extended.M
Sample Name: Positive Control
Misc Info : POC031319 + WS082919; AM #2



File :G:\TOX\Pocatello\MMS\CDS\2019\am 2 110719 CS\Positive Contro
... 1.D
Operator : ISP\Datastor
Instrument : Major Mass Spec
Acquired : 08 Nov 2019 15:16 using AcqMethod UTOX GEN DRUG 6-2017extended.M
Sample Name: Positive Control
Misc Info : POC031319 + WS082919; AM #2

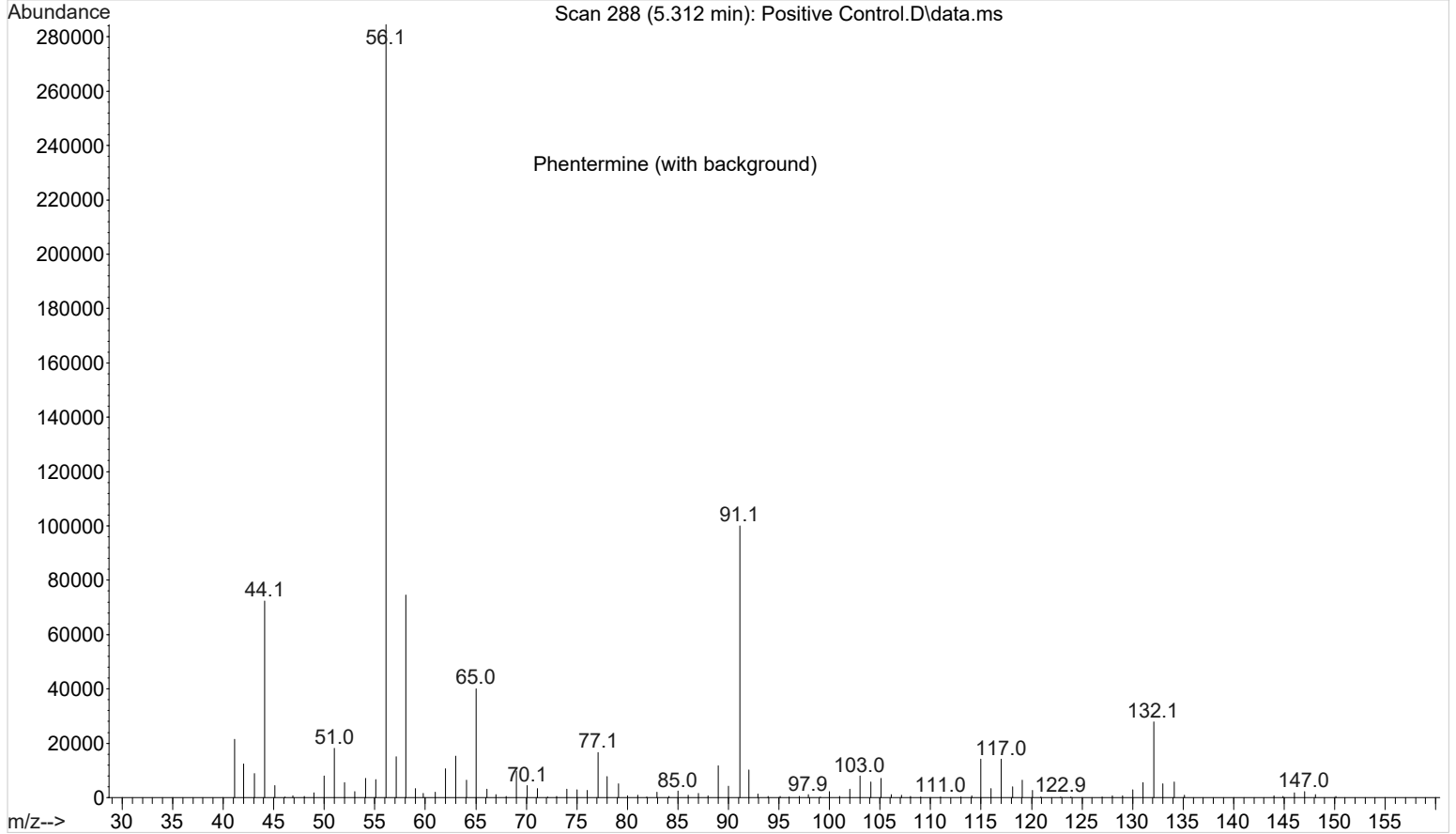
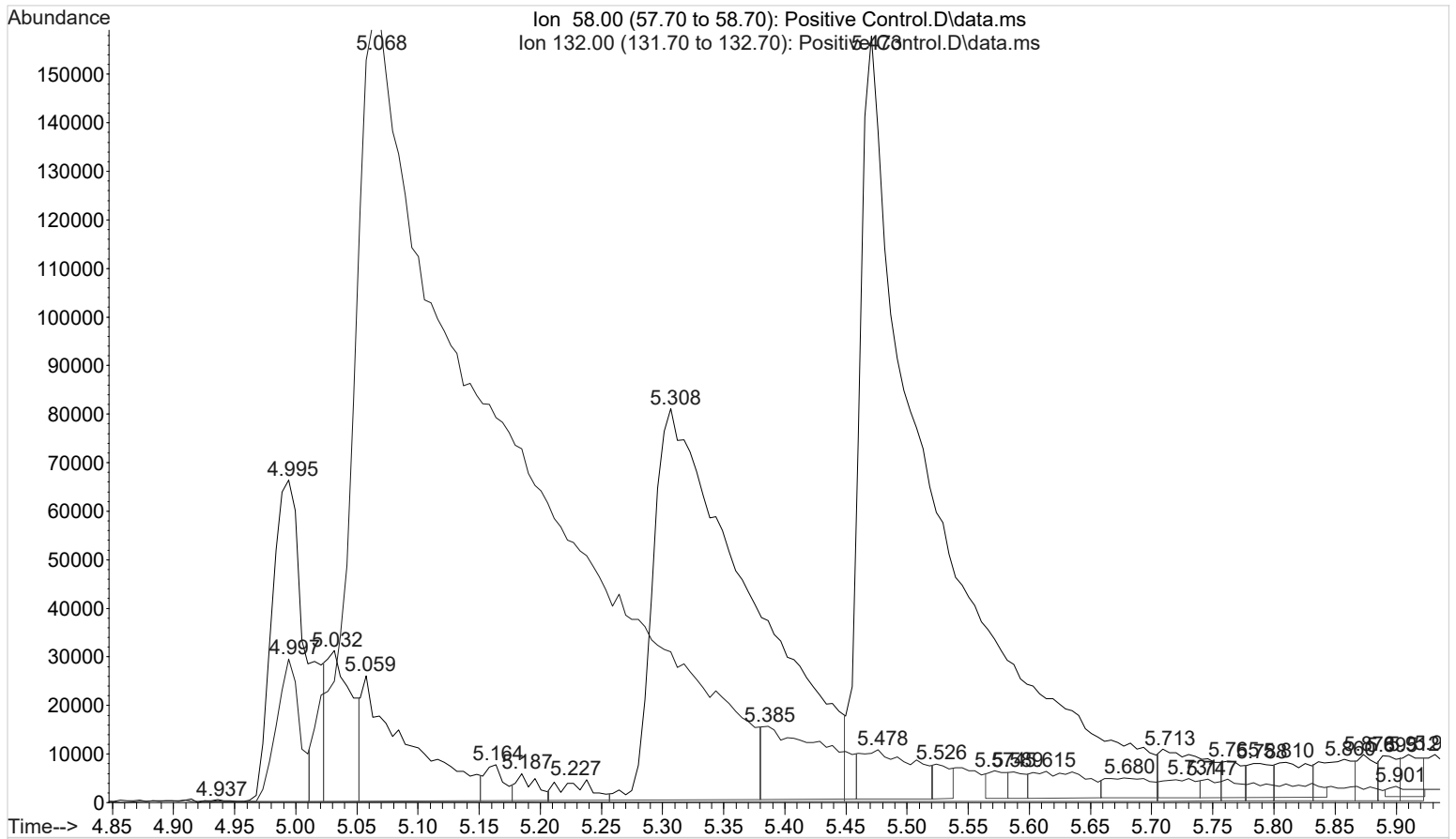
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Amphetamine

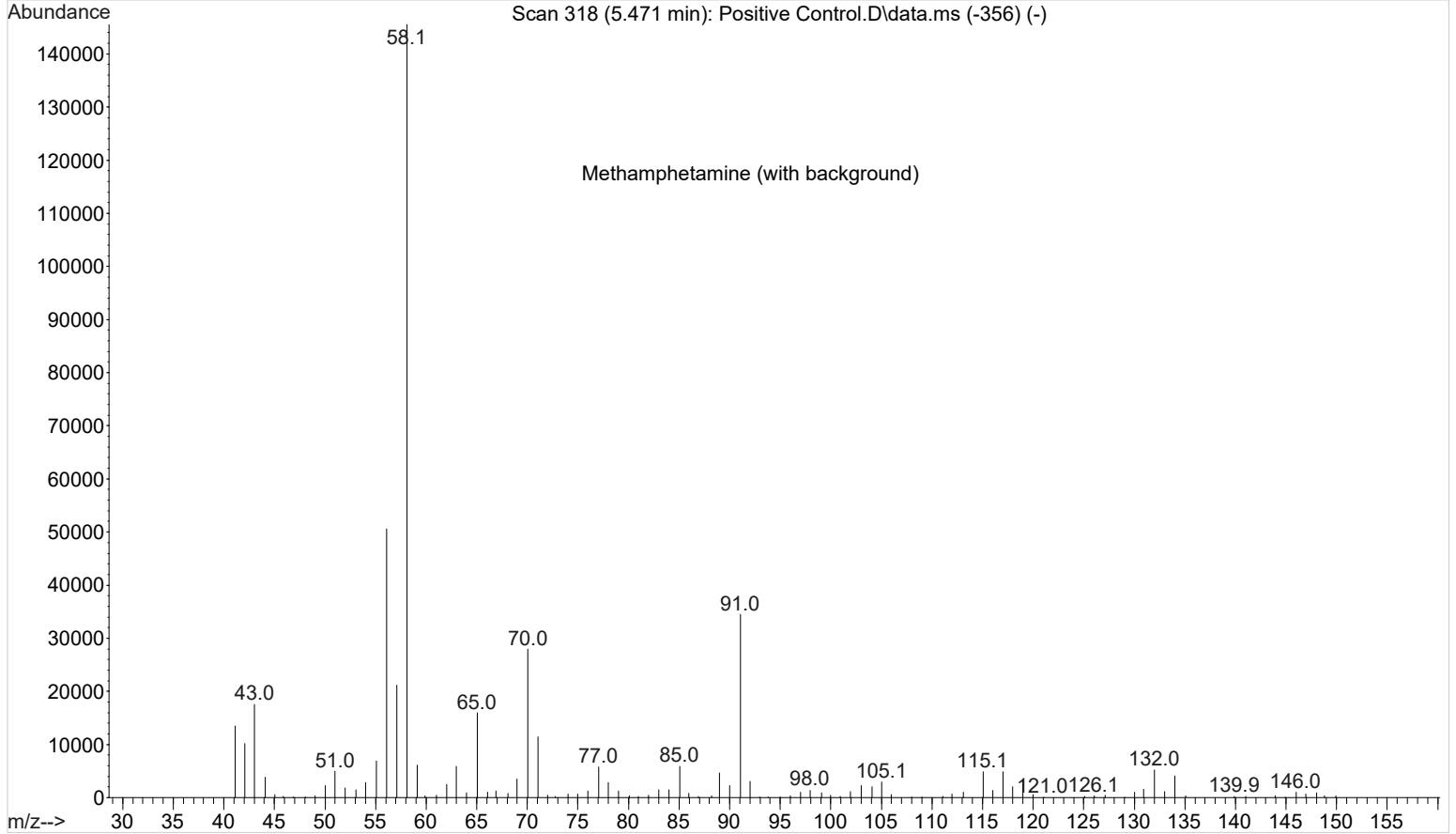
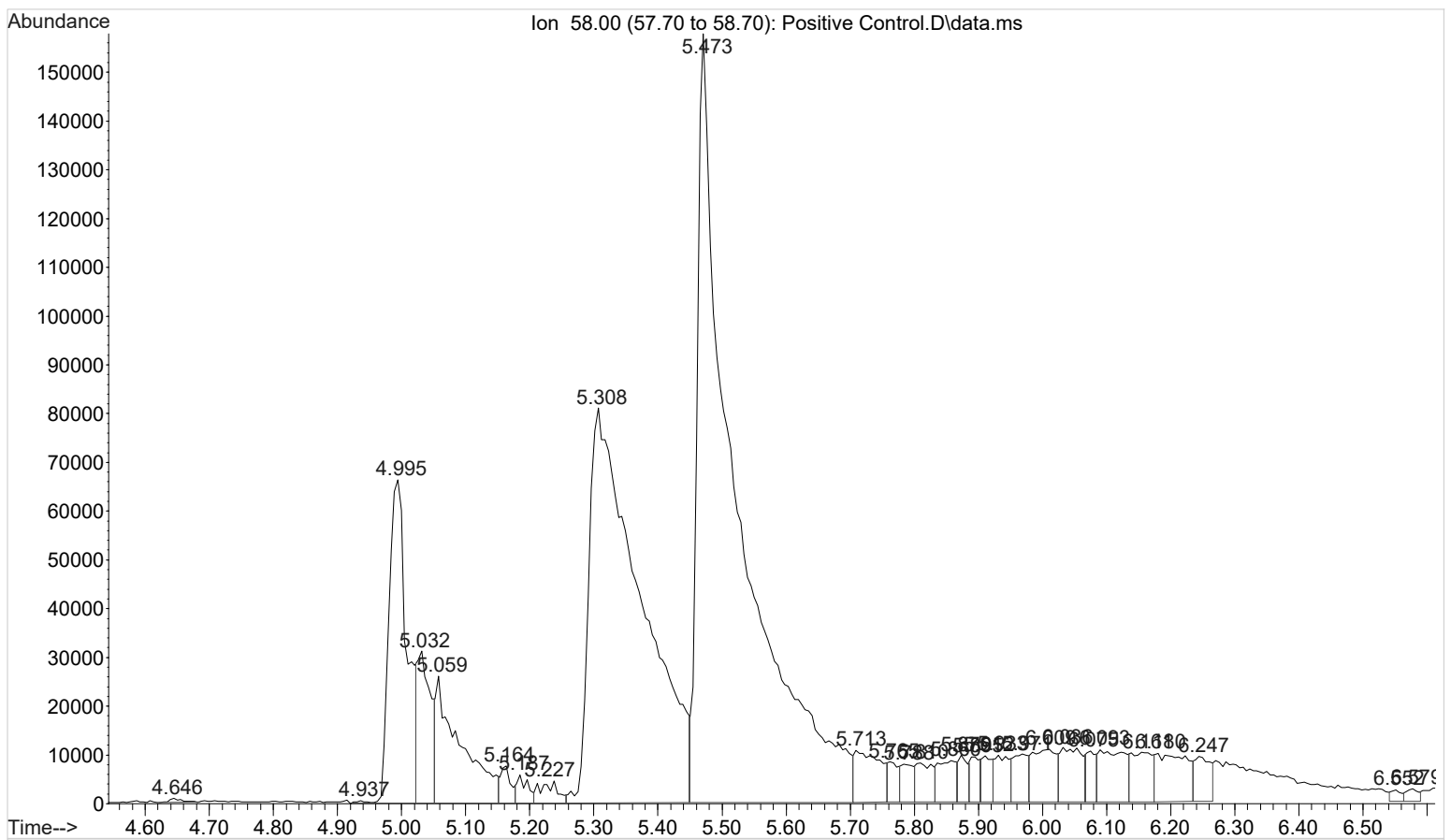
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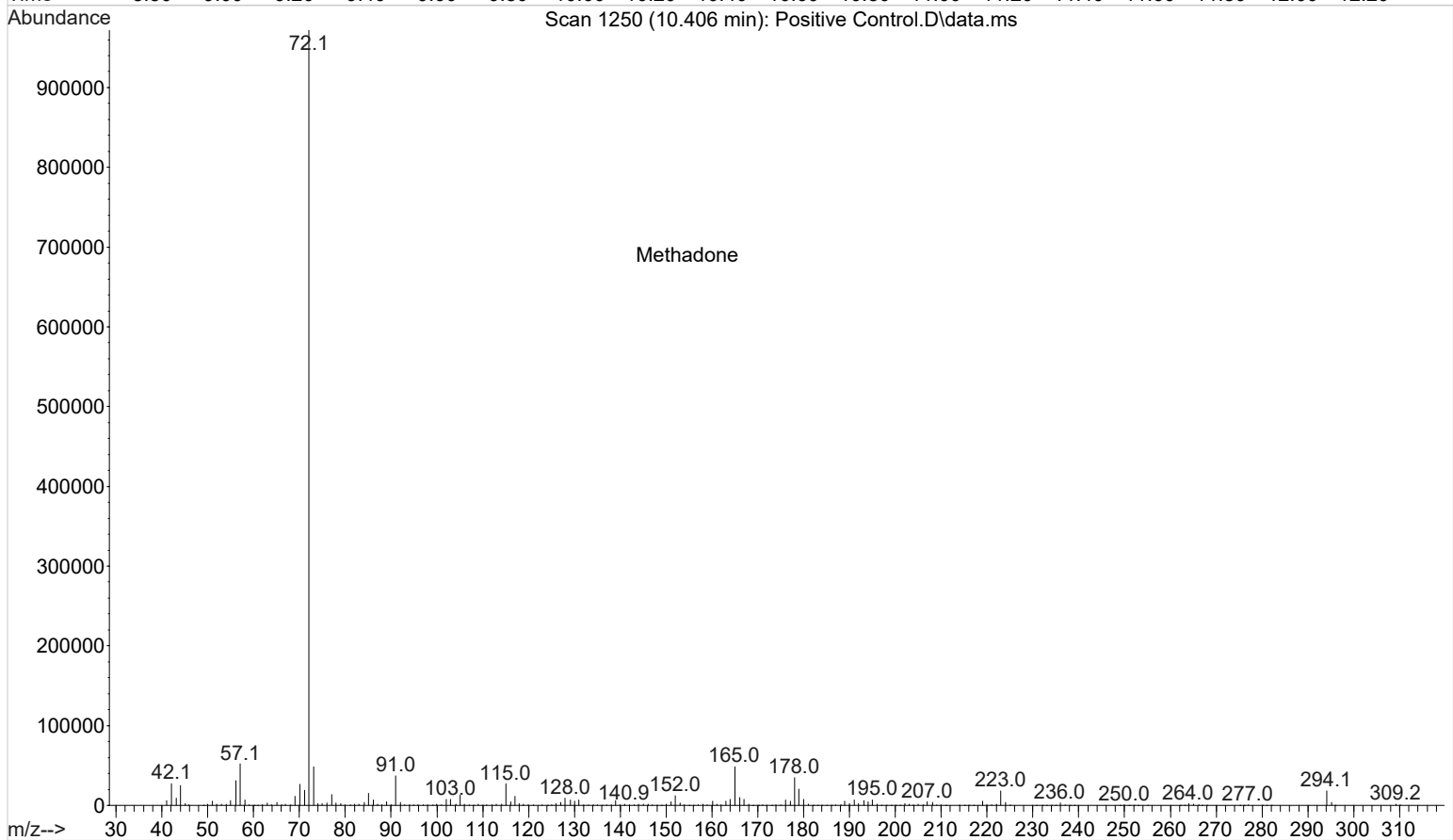
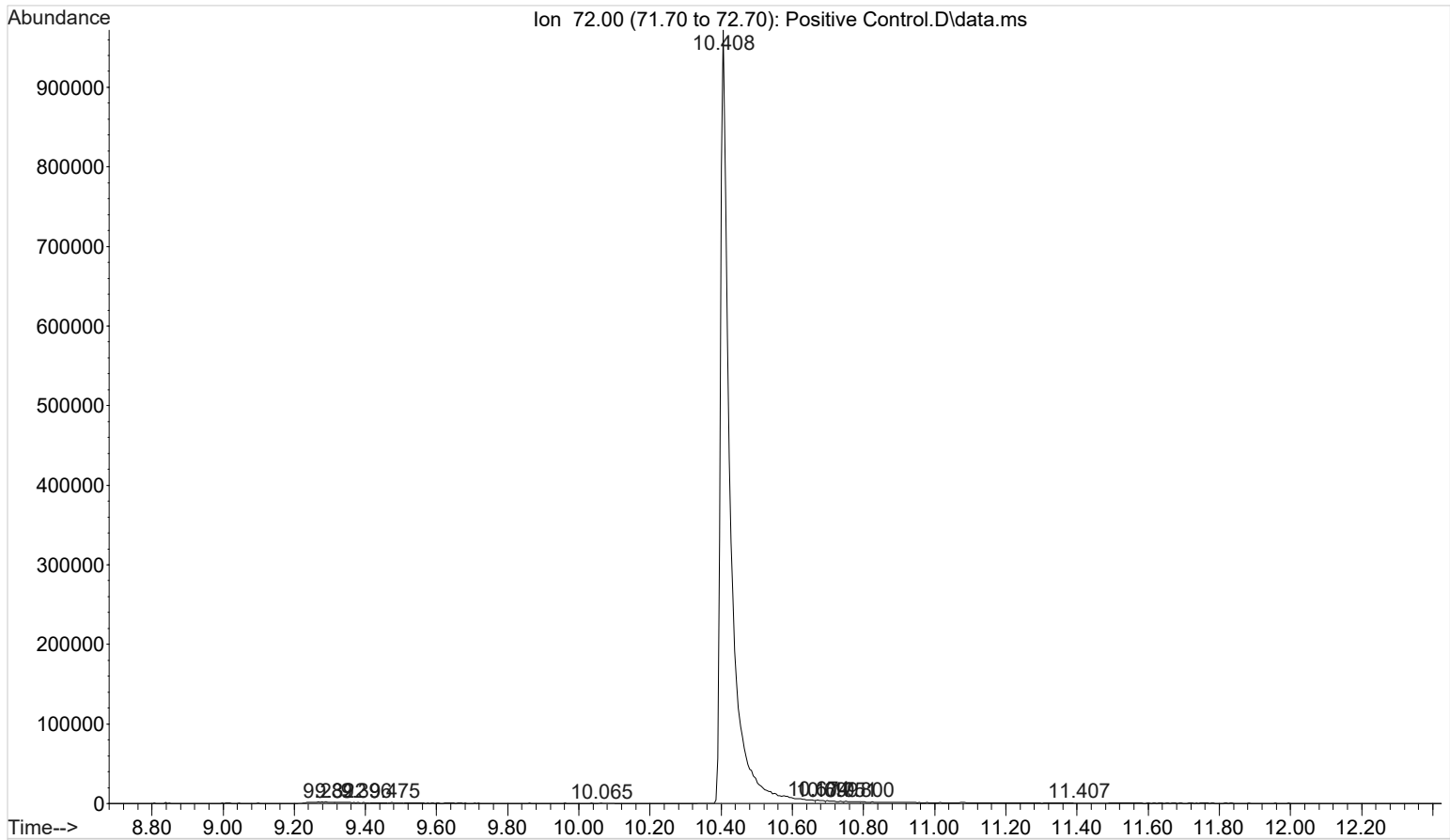
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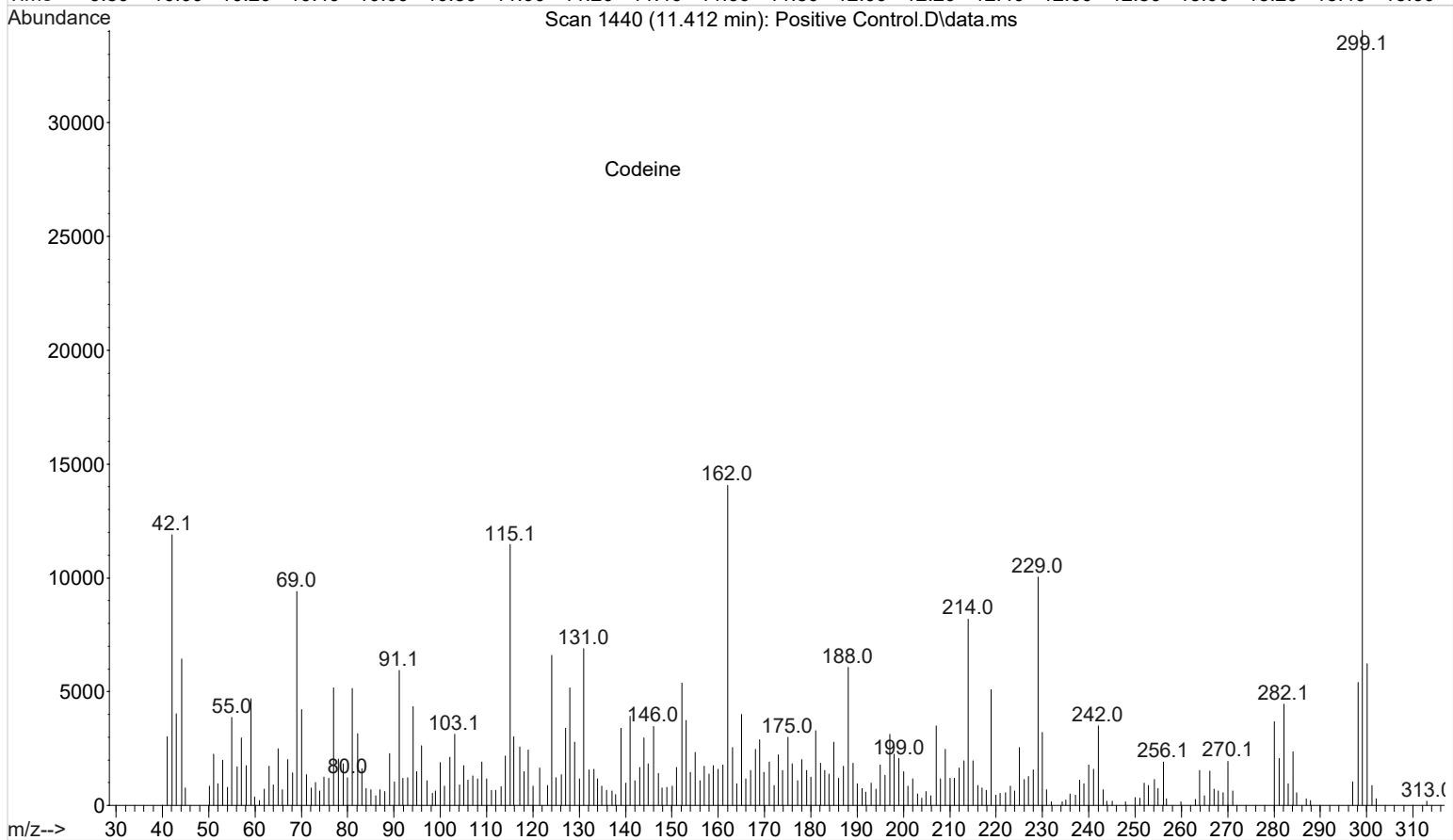
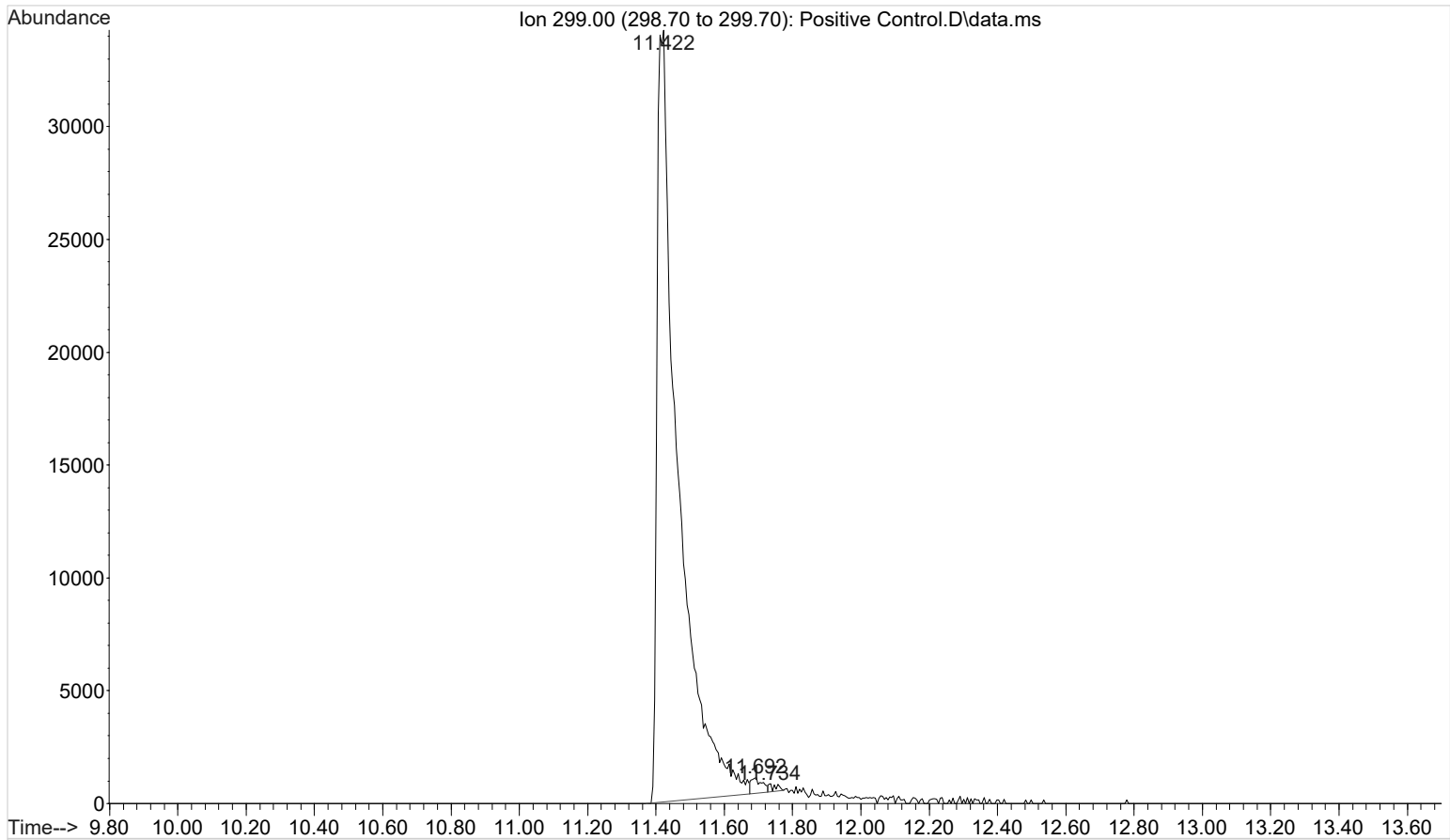
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