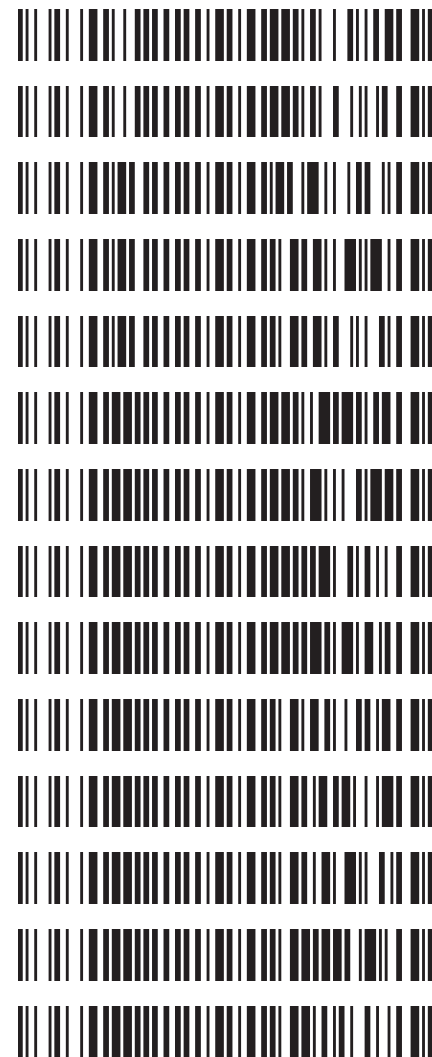


**Worklist: 3559**

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>
C2019-1218	1	156038	AM 2 Urine Toxi A
C2019-1219	1	156041	AM 2 Urine Toxi A
M2019-0890	3	157157	AM 2 Urine Toxi A
M2019-3185	6	157718	AM 2 Urine Toxi A
M2019-3186	3	157715	AM 2 Urine Toxi A
P2019-2092	1	156832	AM 2 Urine Toxi A
P2019-2110	1	156910	AM 2 Urine Toxi A
P2019-2150	1	157166	AM 2 Urine Toxi A
P2019-2177	1	157226	AM 2 Urine Toxi A
P2019-2184	1	157329	AM 2 Urine Toxi A
P2019-2187	1	157457	AM 2 Urine Toxi A
P2019-2197	1	157604	AM 2 Urine Toxi A
P2019-2228	1	157791	AM 2 Urine Toxi A
P2019-2239	1	157884	AM 2 Urine Toxi A



## AM 2: De-Tox Tube A Urine Extraction

Extraction Date: 07/23/2019

Analyst: Celena Shrum

Negative Urine: POC031319

GC/MS ID: Major Mass Spec

Positive Control Working Solution Lot: WS082319

### 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.

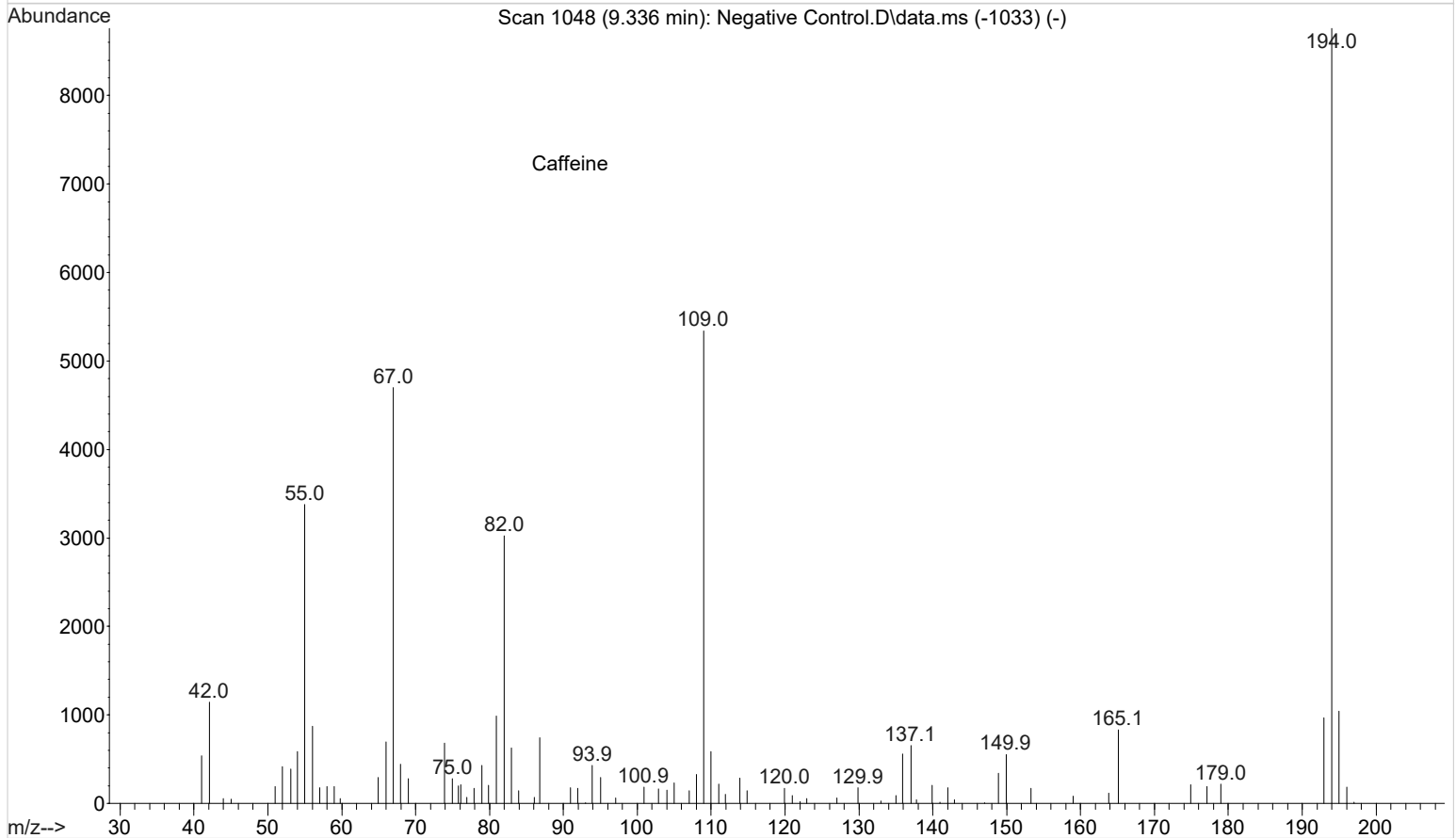
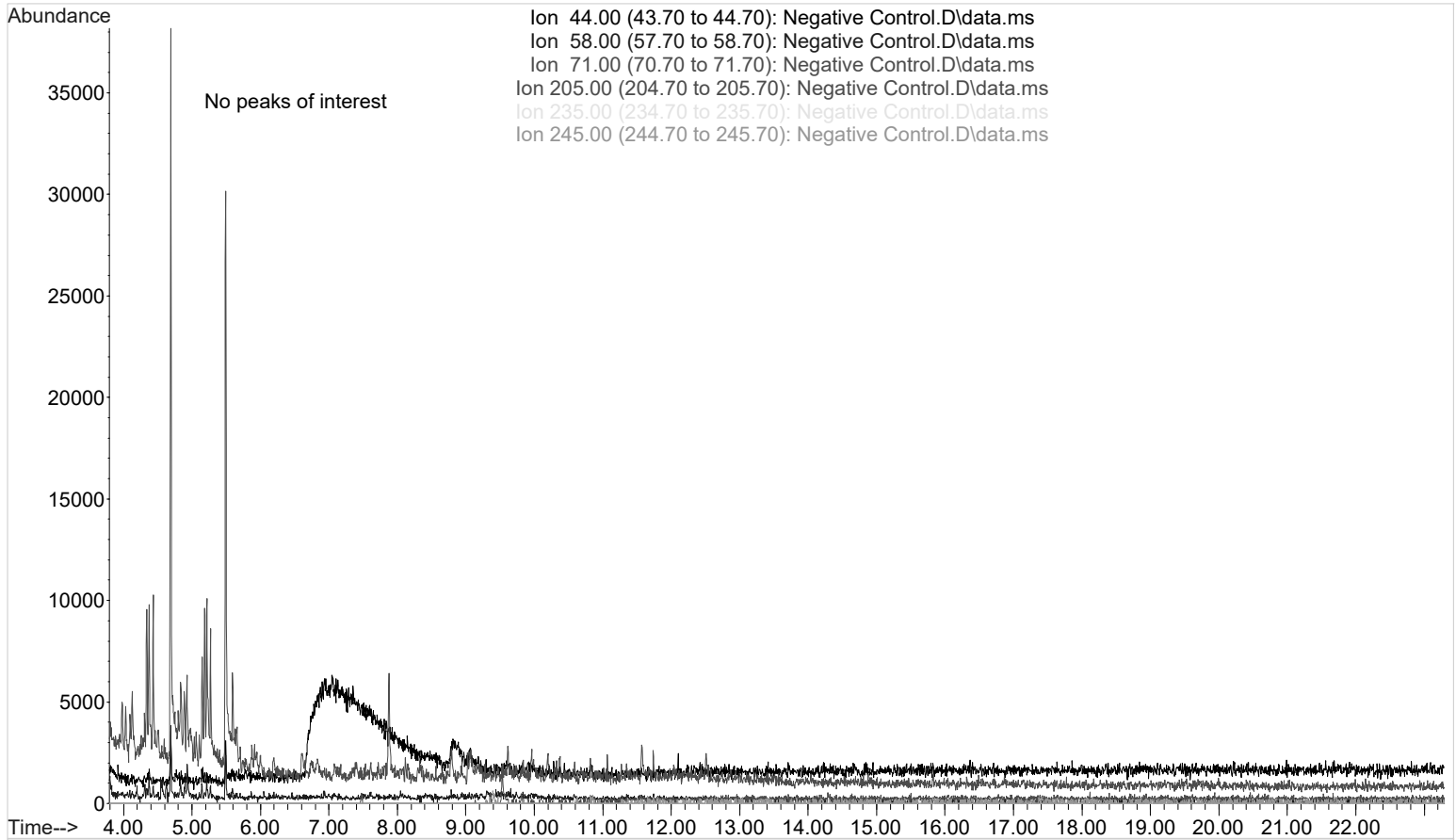
### Post-Analytic

- 1. Complete Data analysis on all samples and corresponding sample blanks  
GCMS Data path: D:\DATA\CDS\2019\am 2 worklist 3559
- 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:

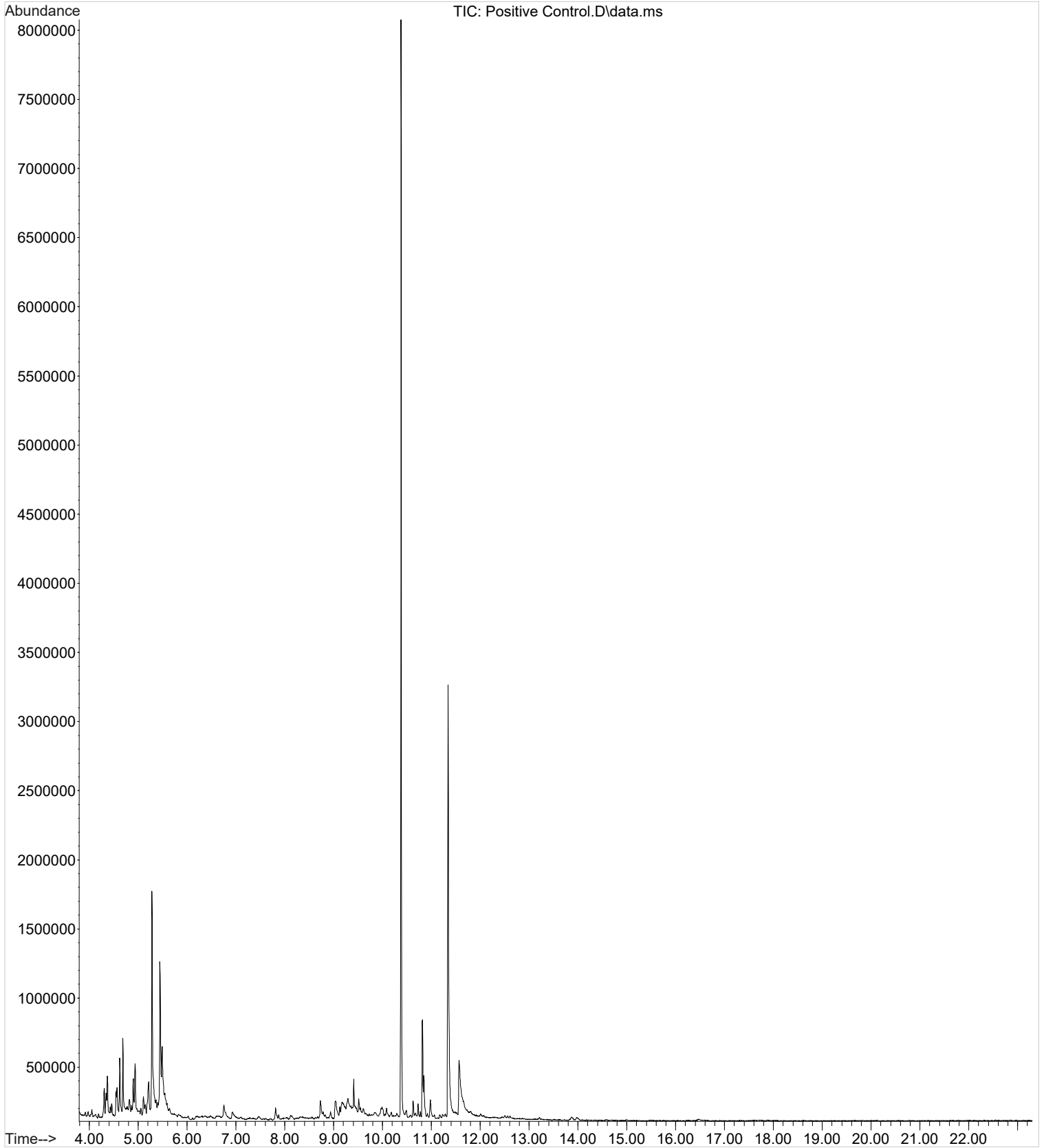
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Instrument : Major Mass Spec  
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Sample Name: Negative Control  
Misc Info : POC031319; AM #2 Worklist 3559

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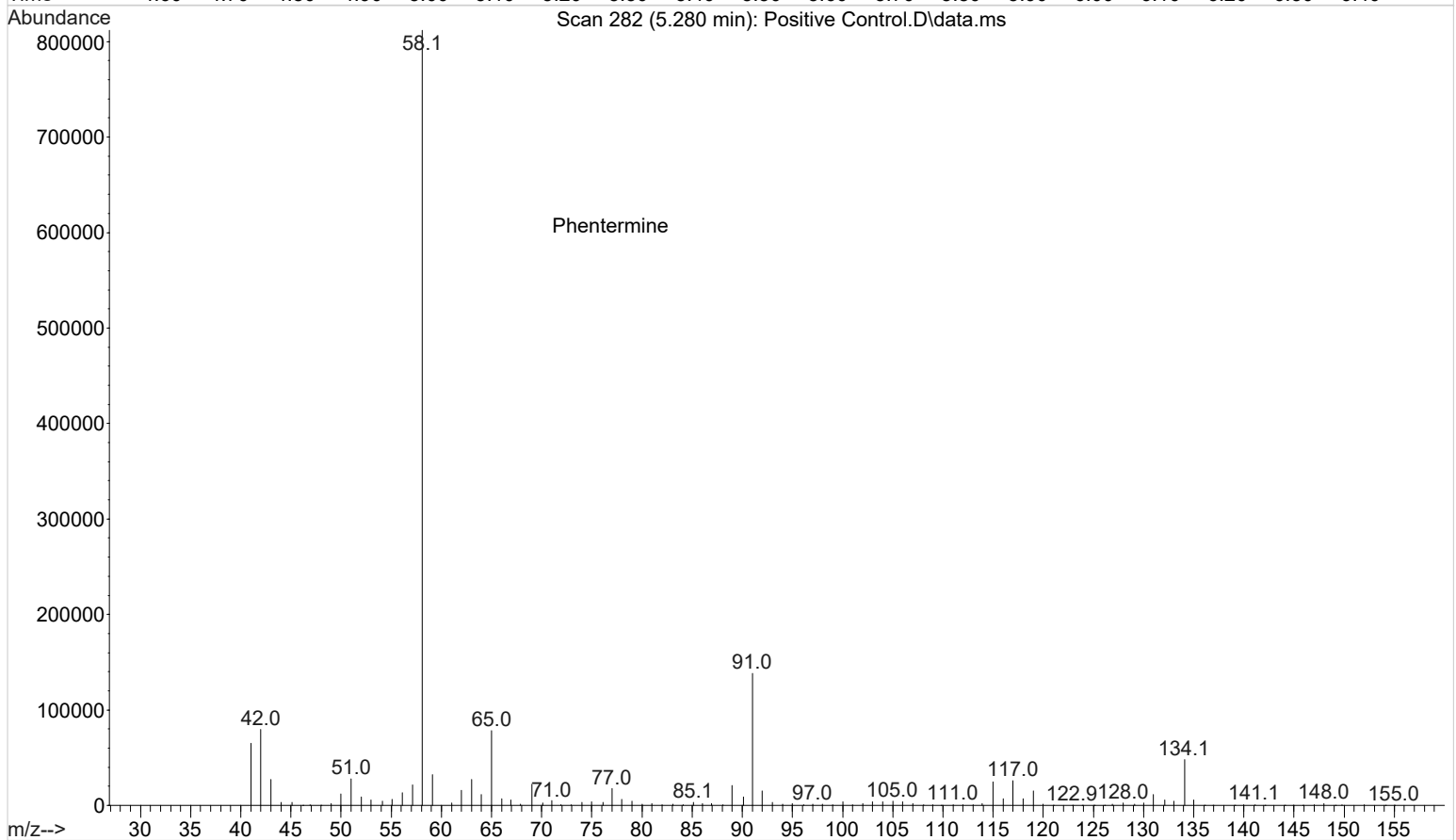
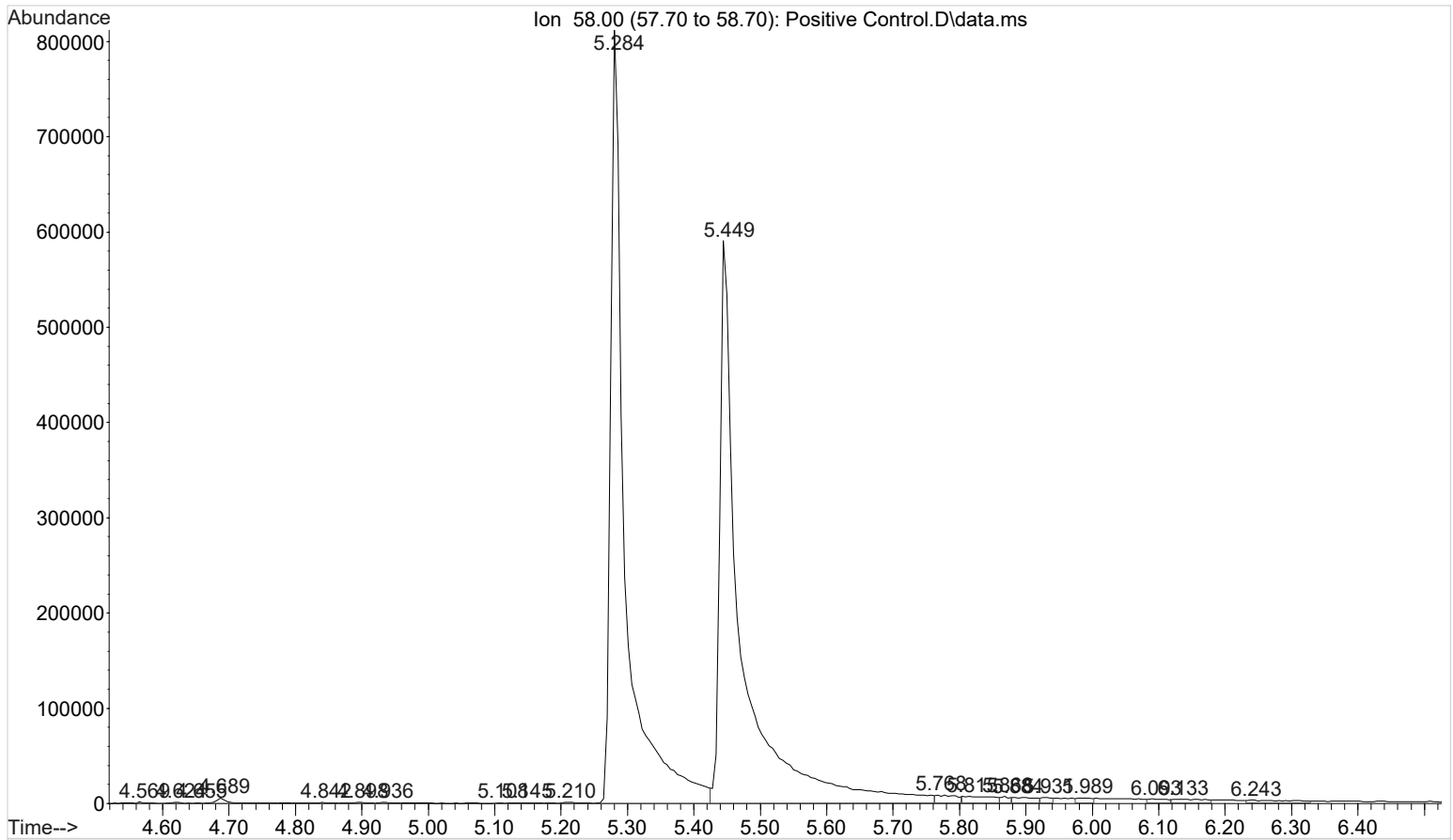
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Misc Info : POC031319 + WS082318; AM #2 Worklist 3559



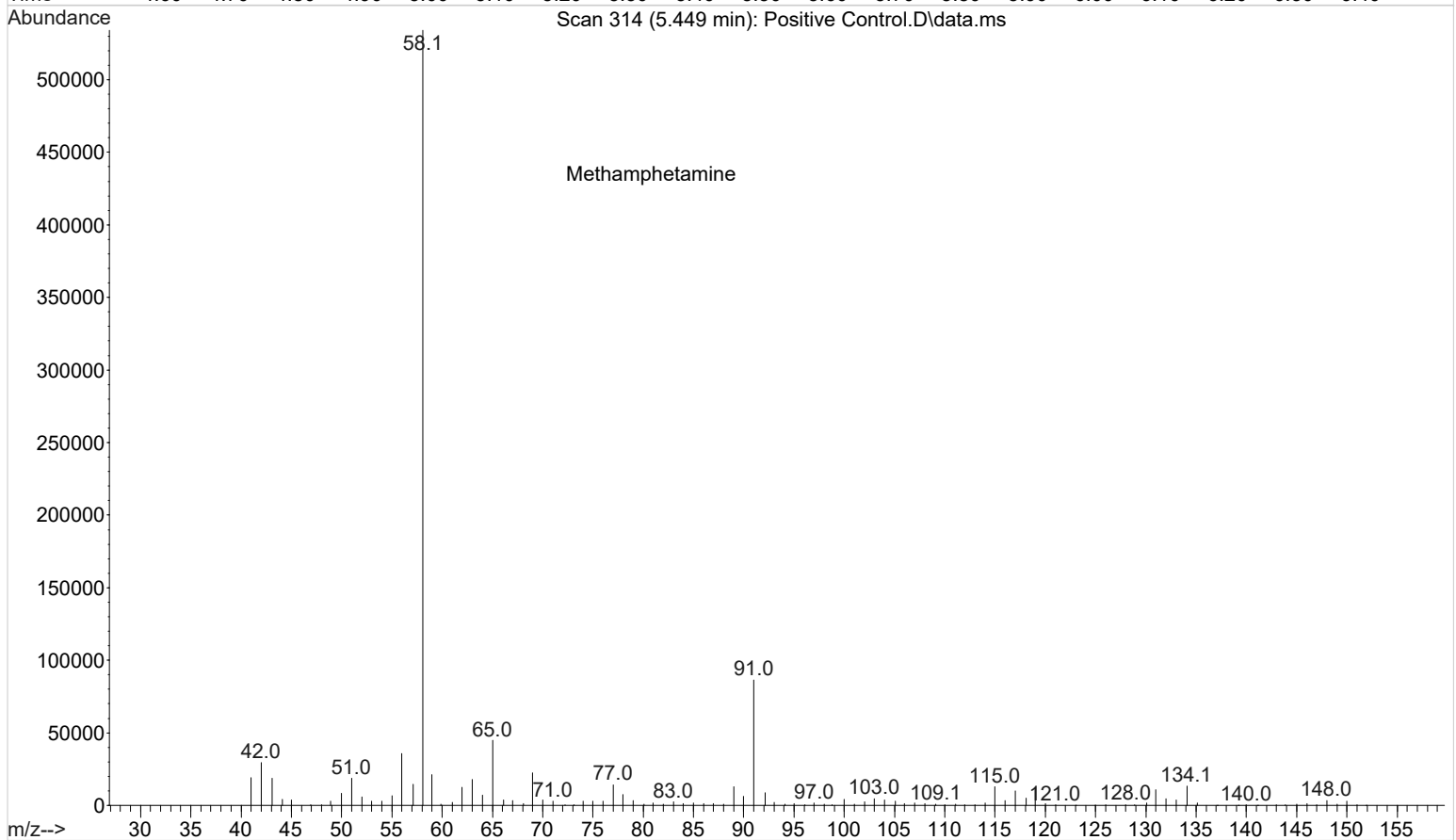
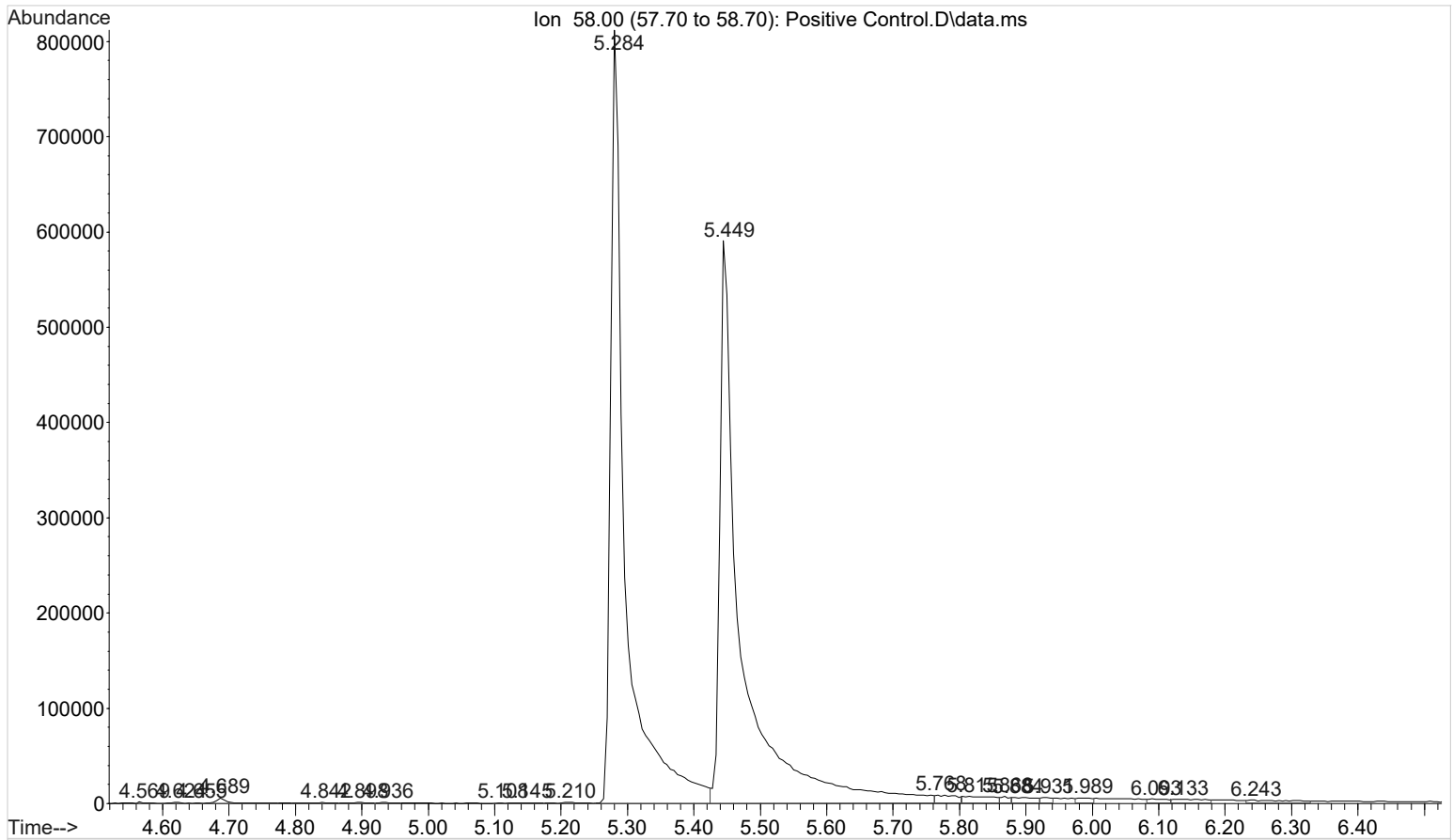
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Misc Info : POC031319 + WS082318; AM #2 Worklist 3559

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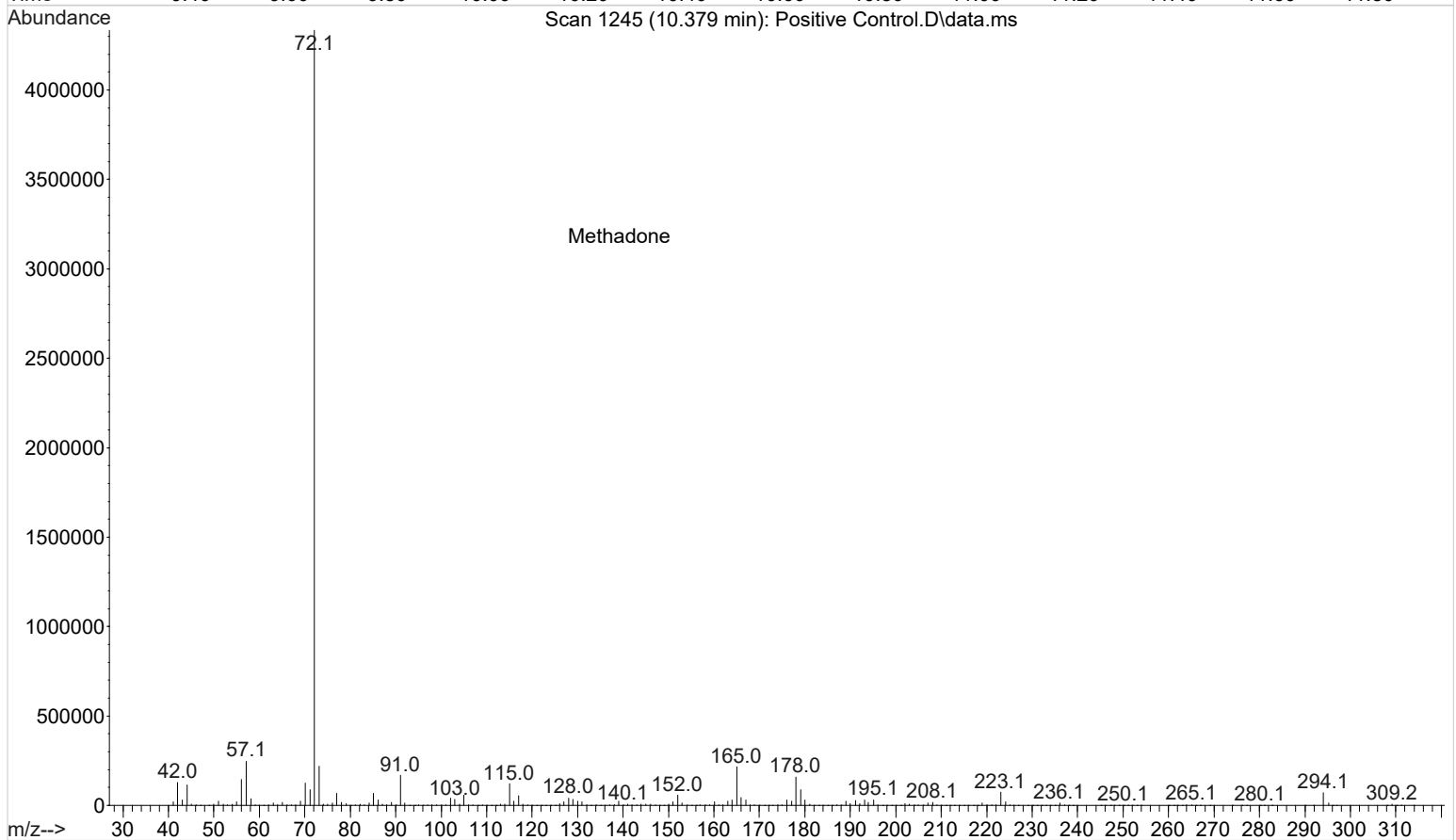
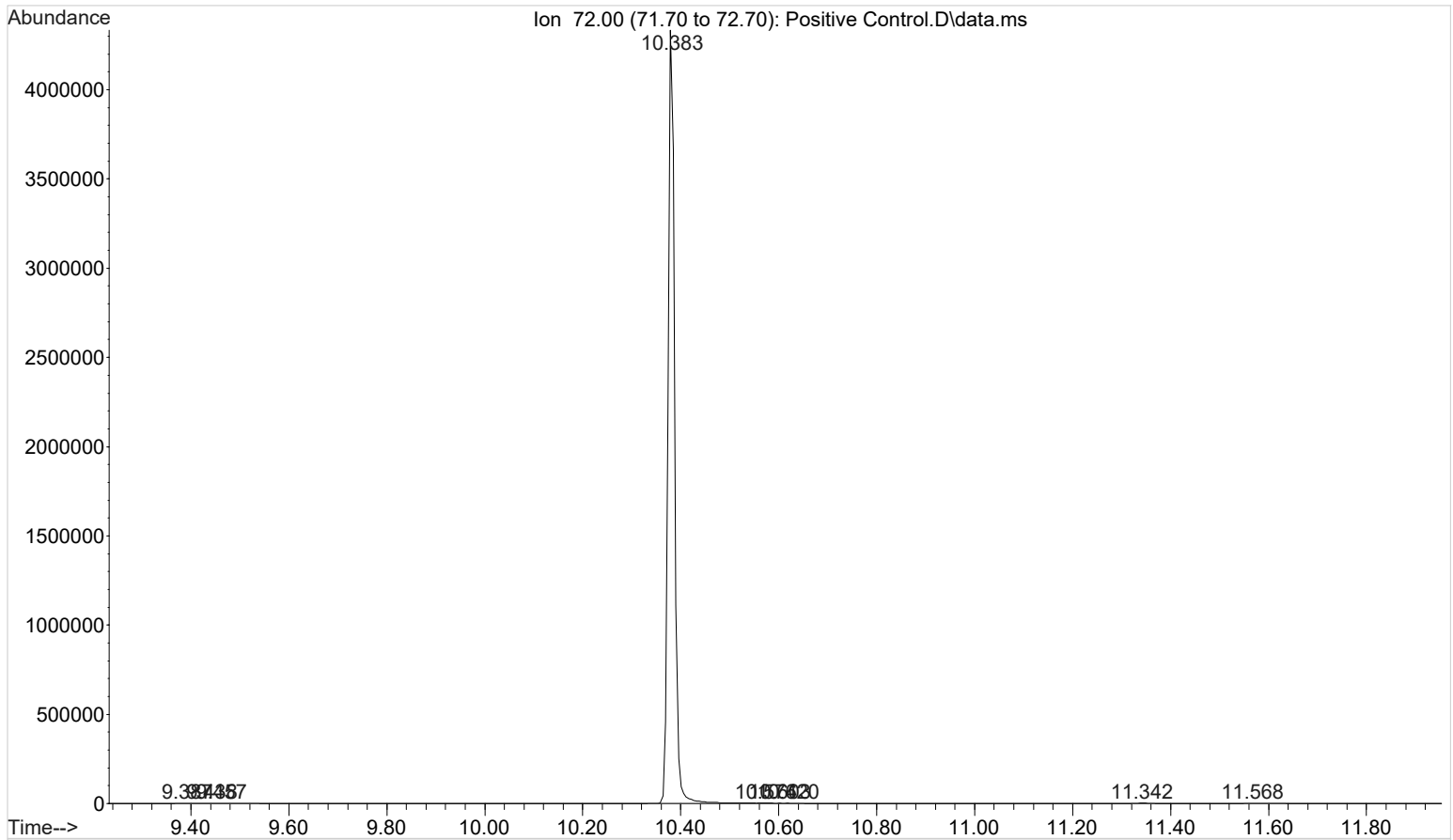
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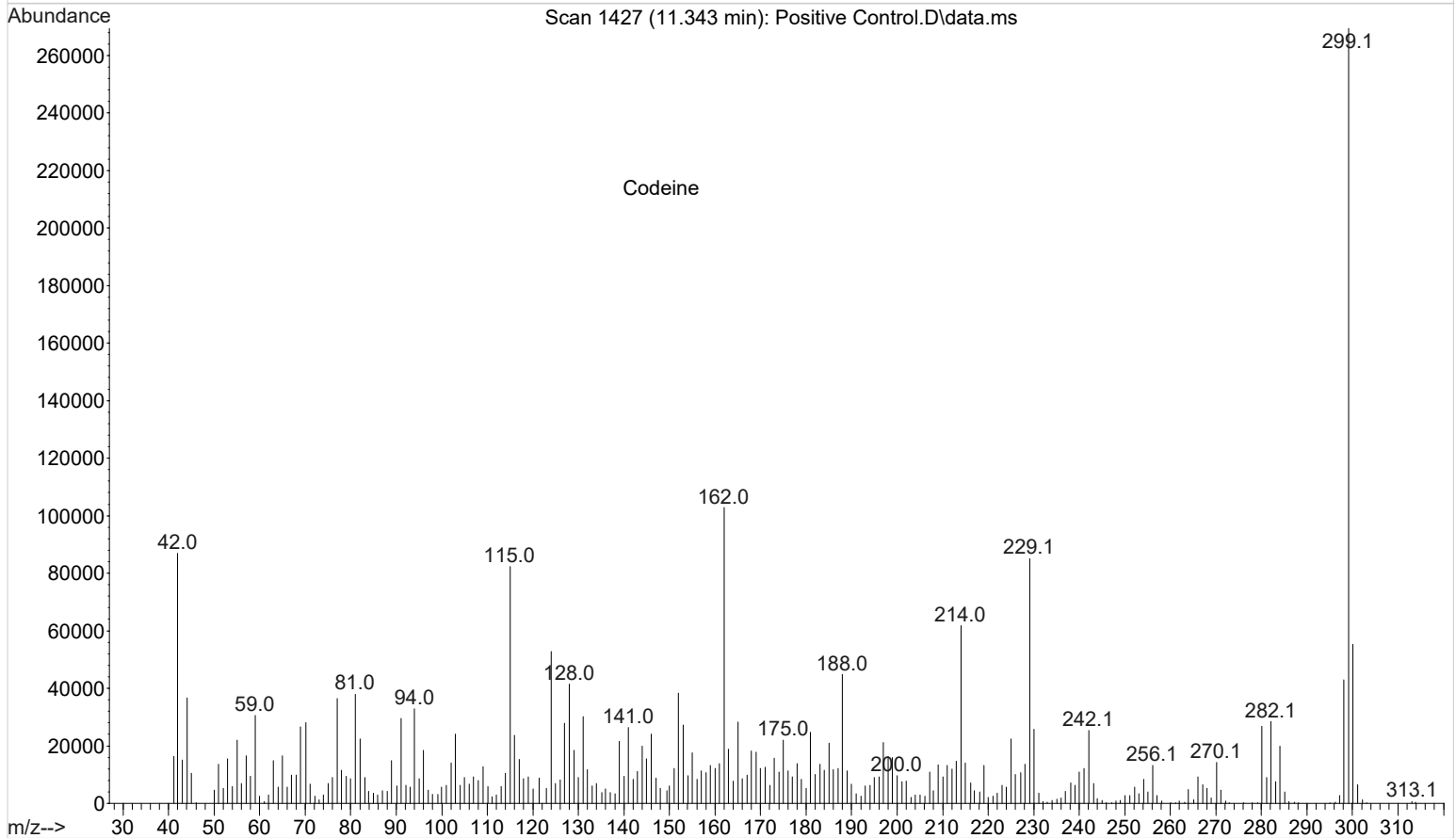
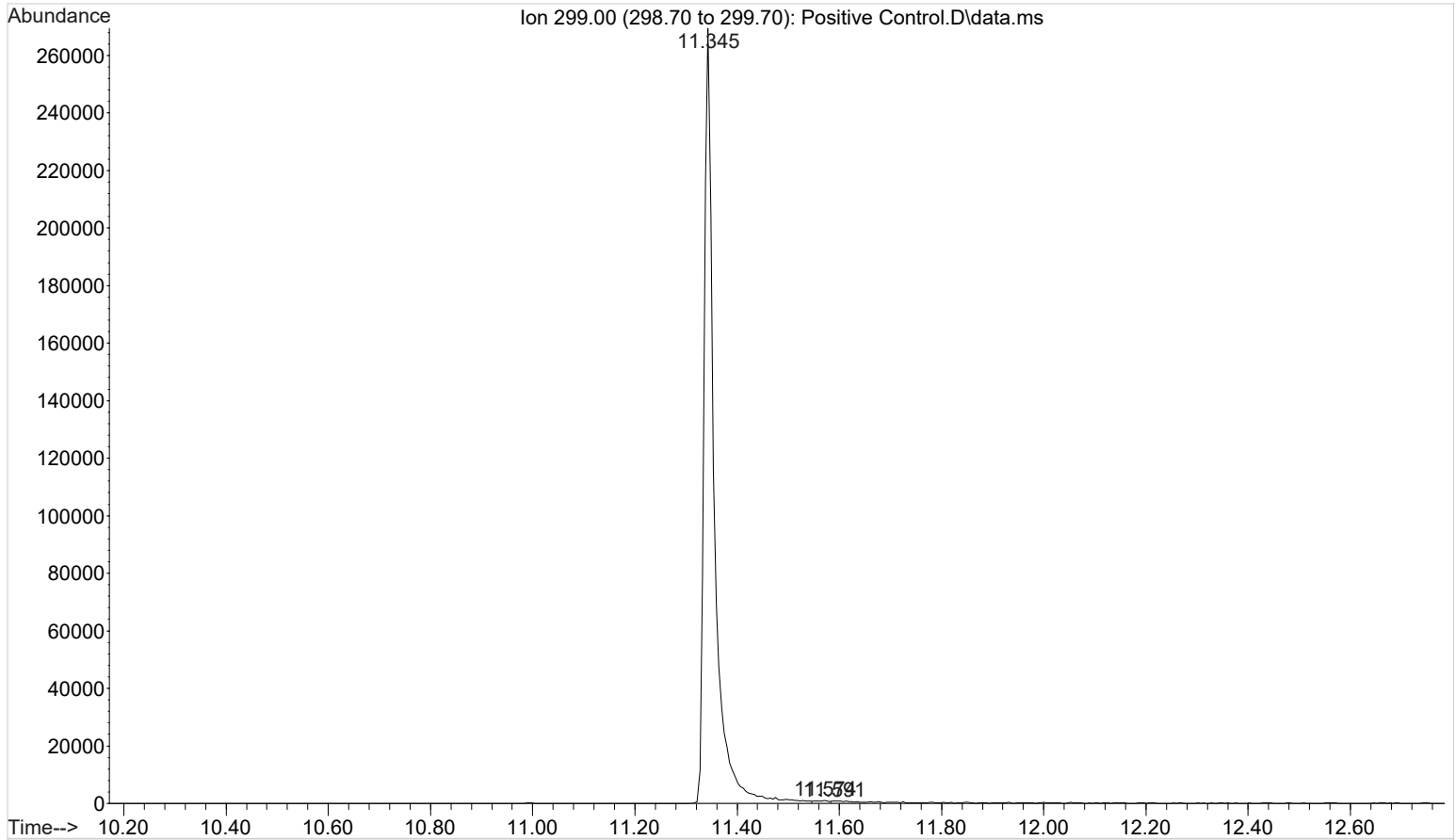
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