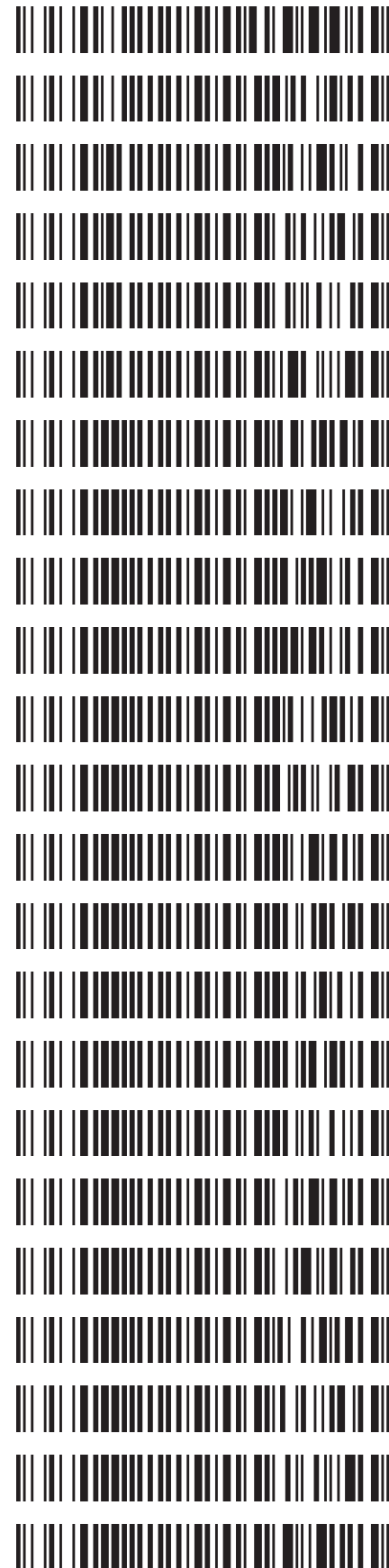


Worklist: 3422

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>
C2019-0562	1	146741	AM 2 Urine Toxi A
C2019-0656	1	147927	AM 2 Urine Toxi A
M2019-1973	4	149936	AM 2 Urine Toxi A
M2019-2139	3	151161	AM 2 Urine Toxi A
M2019-2142	5	151164	AM 2 Urine Toxi A
M2019-2262	3	151808	AM 2 Urine Toxi A
P2019-1201	1	148892	AM 2 Urine Toxi A
P2019-1267	1	149758	AM 2 Urine Toxi A
P2019-1279	1	149817	AM 2 Urine Toxi A
P2019-1280	1	149820	AM 2 Urine Toxi A
P2019-1284	1	149892	AM 2 Urine Toxi A
P2019-1311	1	150266	AM 2 Urine Toxi A
P2019-1312	1	150379	AM 2 Urine Toxi A
P2019-1320	1	150439	AM 2 Urine Toxi A
P2019-1322	1	150451	AM 2 Urine Toxi A
P2019-1323	1	150454	AM 2 Urine Toxi A
P2019-1327	1	150468	AM 2 Urine Toxi A
P2019-1395	1	150860	AM 2 Urine Toxi A
P2019-1396	1	150865	AM 2 Urine Toxi A
P2019-1397	1	150877	AM 2 Urine Toxi A
P2019-1418	1	151073	AM 2 Urine Toxi A
P2019-1444	1	151252	AM 2 Urine Toxi A
P2019-1469	1	151701	AM 2 Urine Toxi A



**Worklist: 3422**

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<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>
P2019-1470	1	151704	AM 2 Urine Toxi A
P2019-1502	1	151827	AM 2 Urine Toxi A



P2019-1227-2 was also included in this run. It was previously run with worklist 3334 but had to be re-extracted due to RT shifts. cs

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

Extraction Date: 05/31/2019

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.

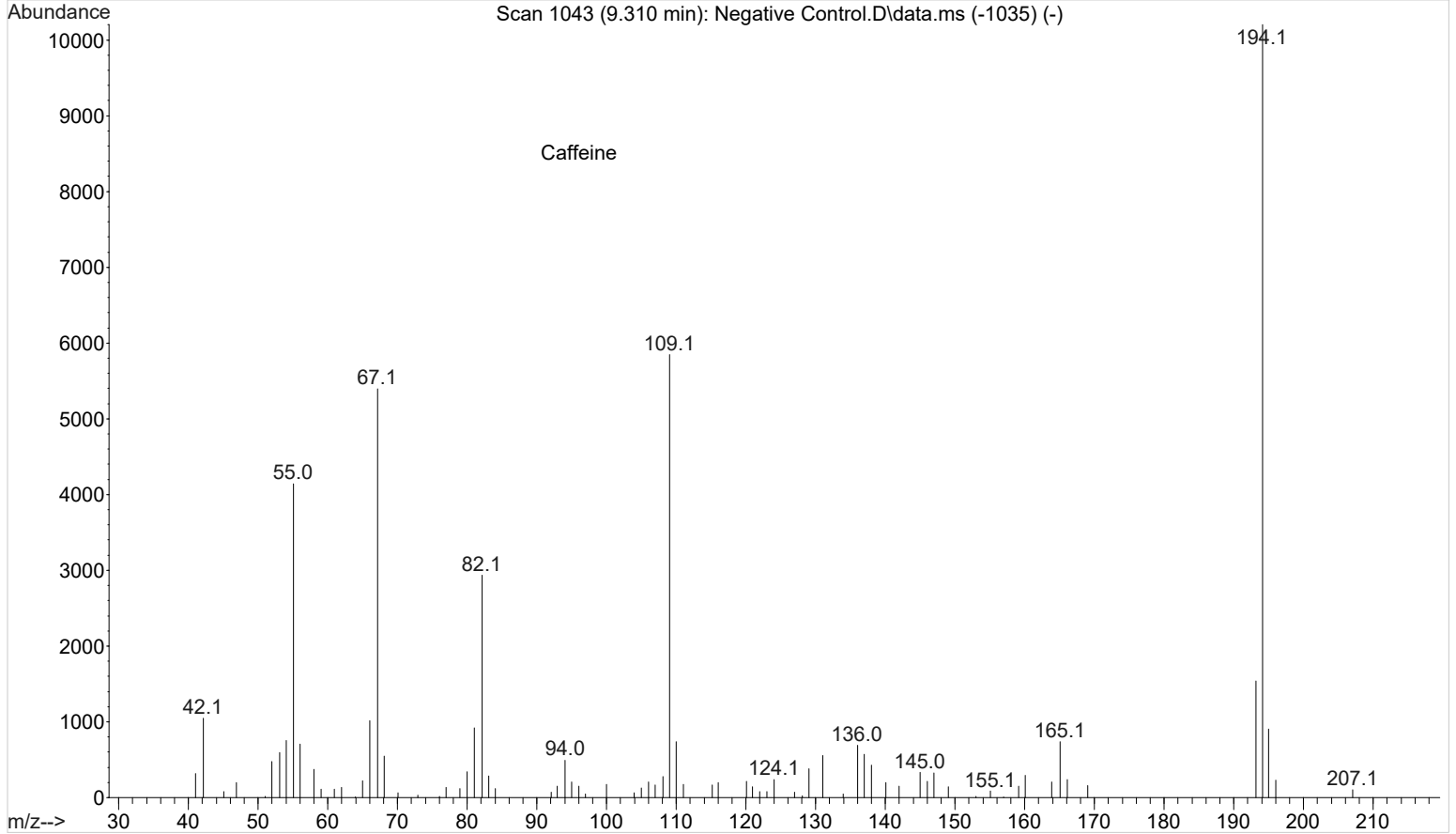
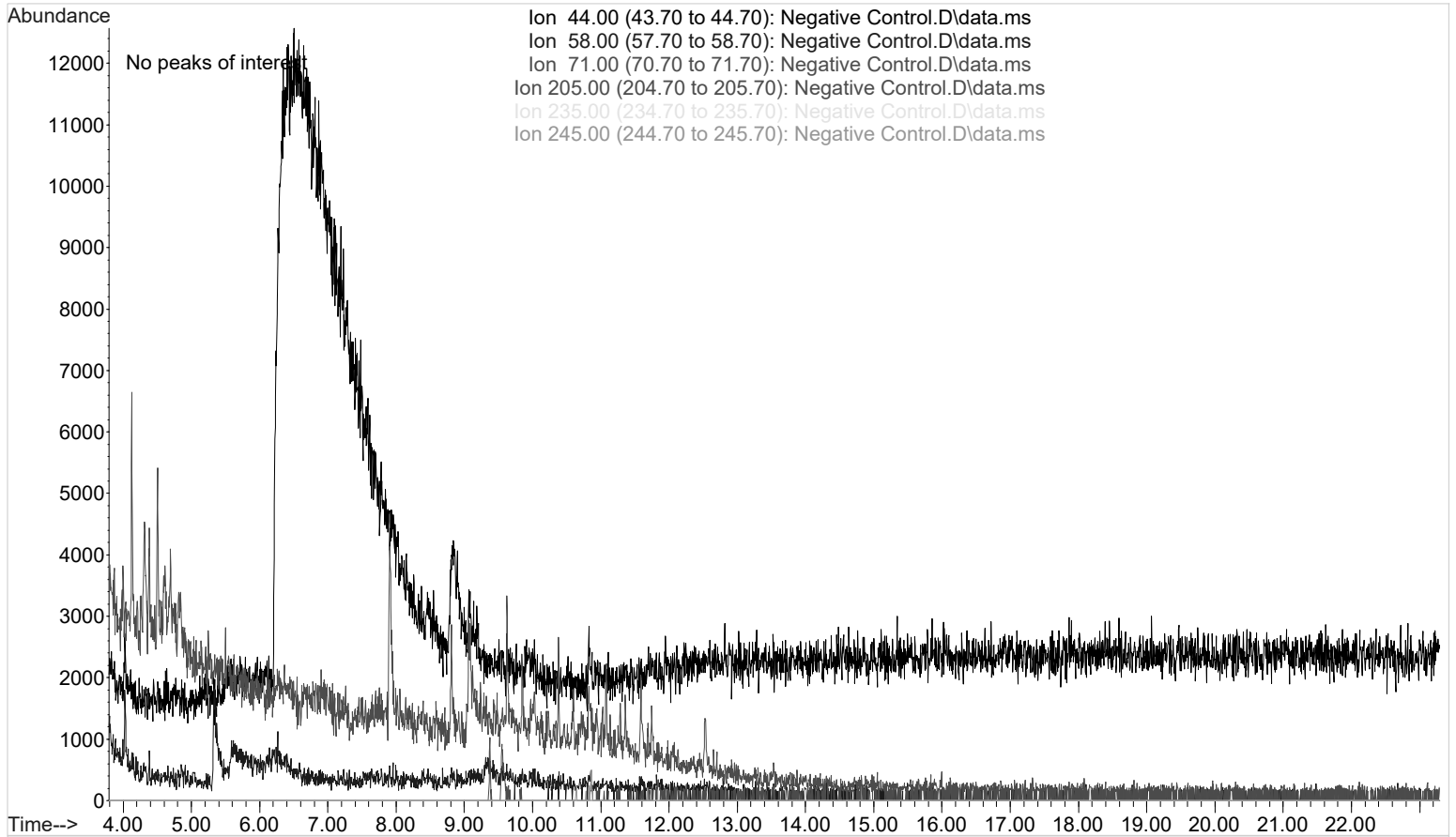
### Post-Analytic

- 1. Complete Data analysis on all samples and corresponding sample blanks  
 GCMS Data path: D:\DATA\CDS\2019\am 2 worklist 3422
- 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,

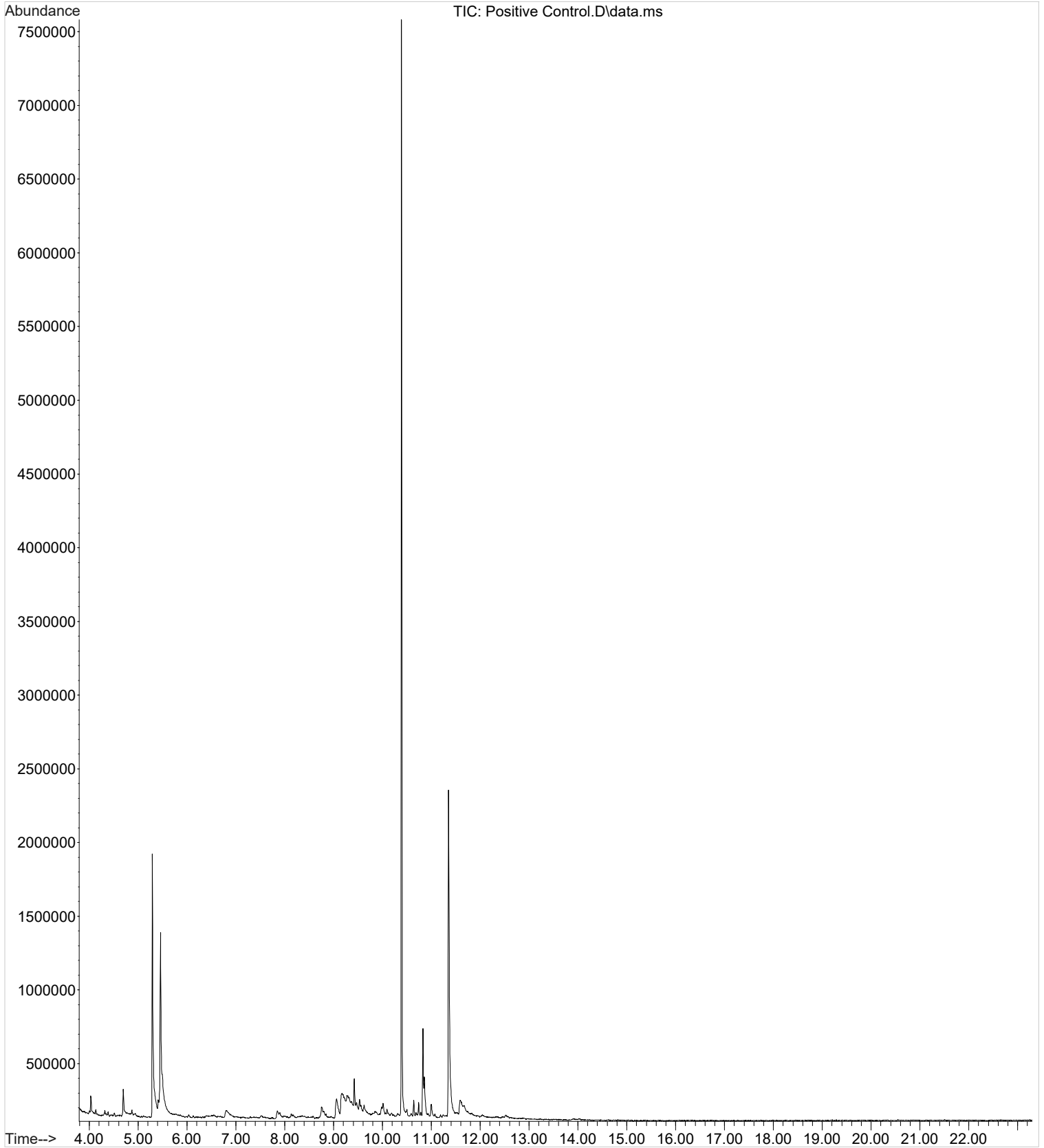
COMMENTS:

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Operator : ISP\datastor  
Instrument : Major Mass Spec  
Acquired : 31 May 2019 16:06 using AcqMethod UTOX GEN DRUG 6-2017extended.M  
Sample Name: Negative Control  
Misc Info : POC031519; AM #2 Worklist 3422  
POC031319<sub>cs</sub>

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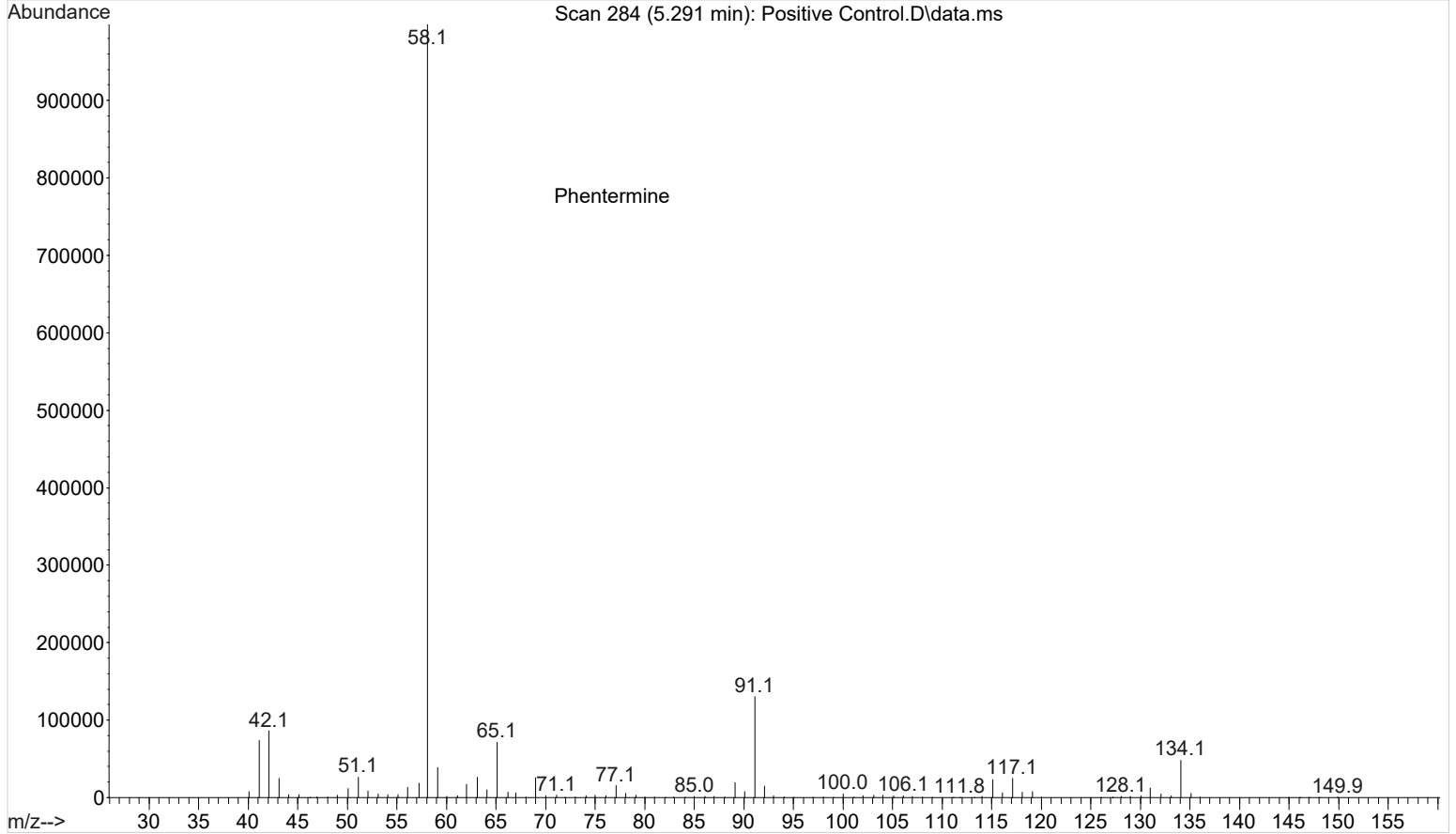
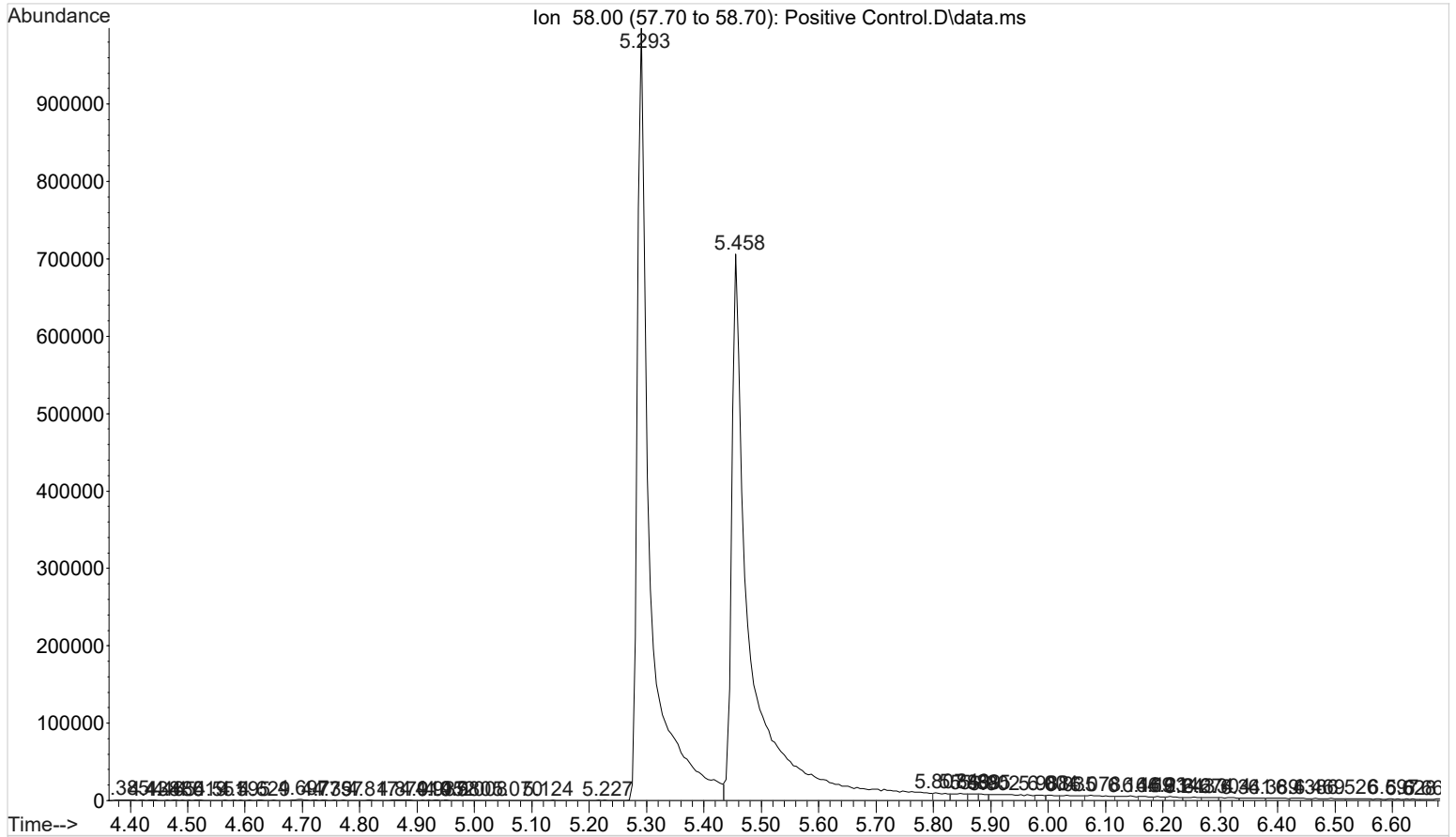


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Instrument : Major Mass Spec  
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Misc Info : POC031519 + WS082318; AM #2 Worklist 3422



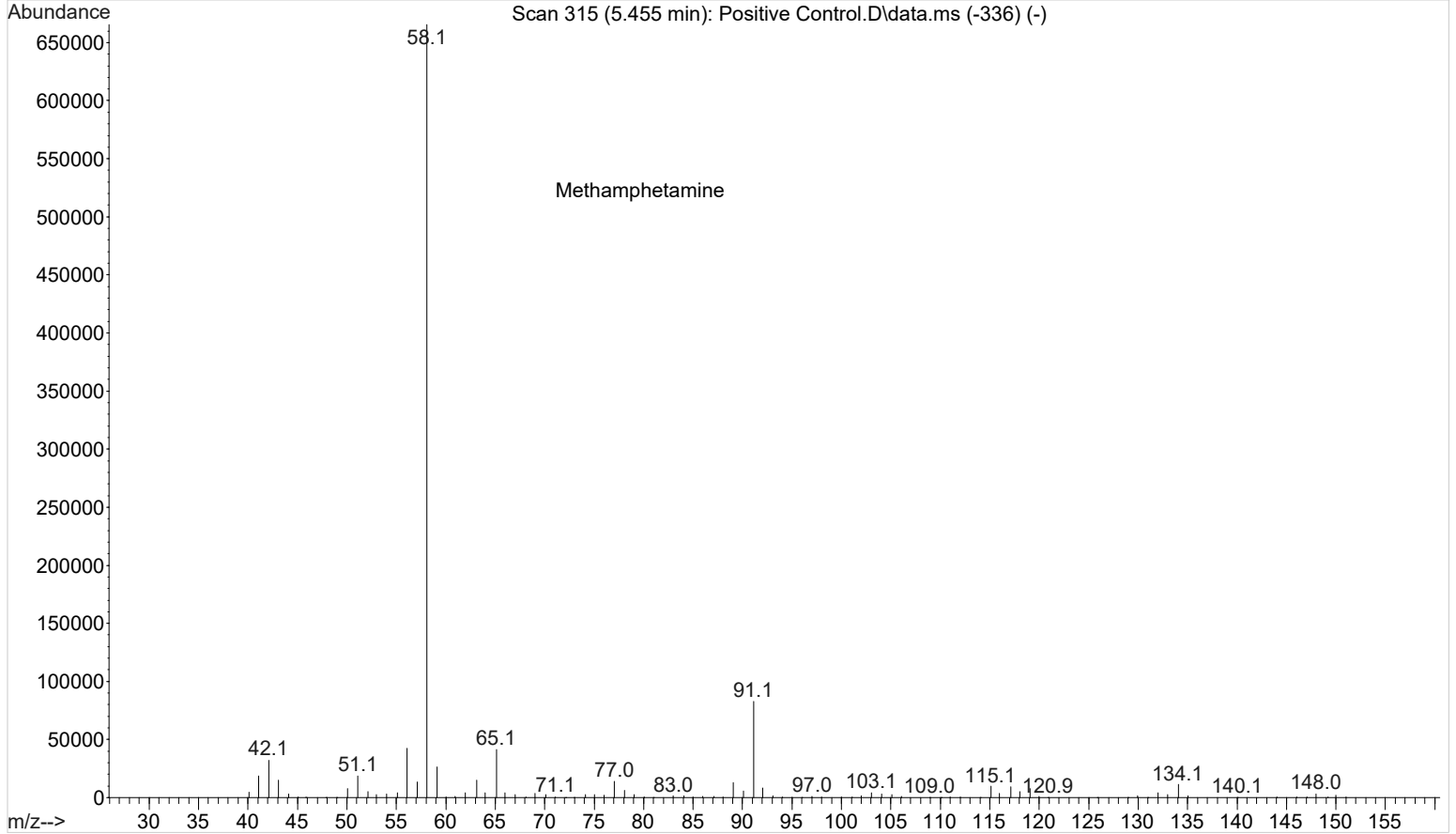
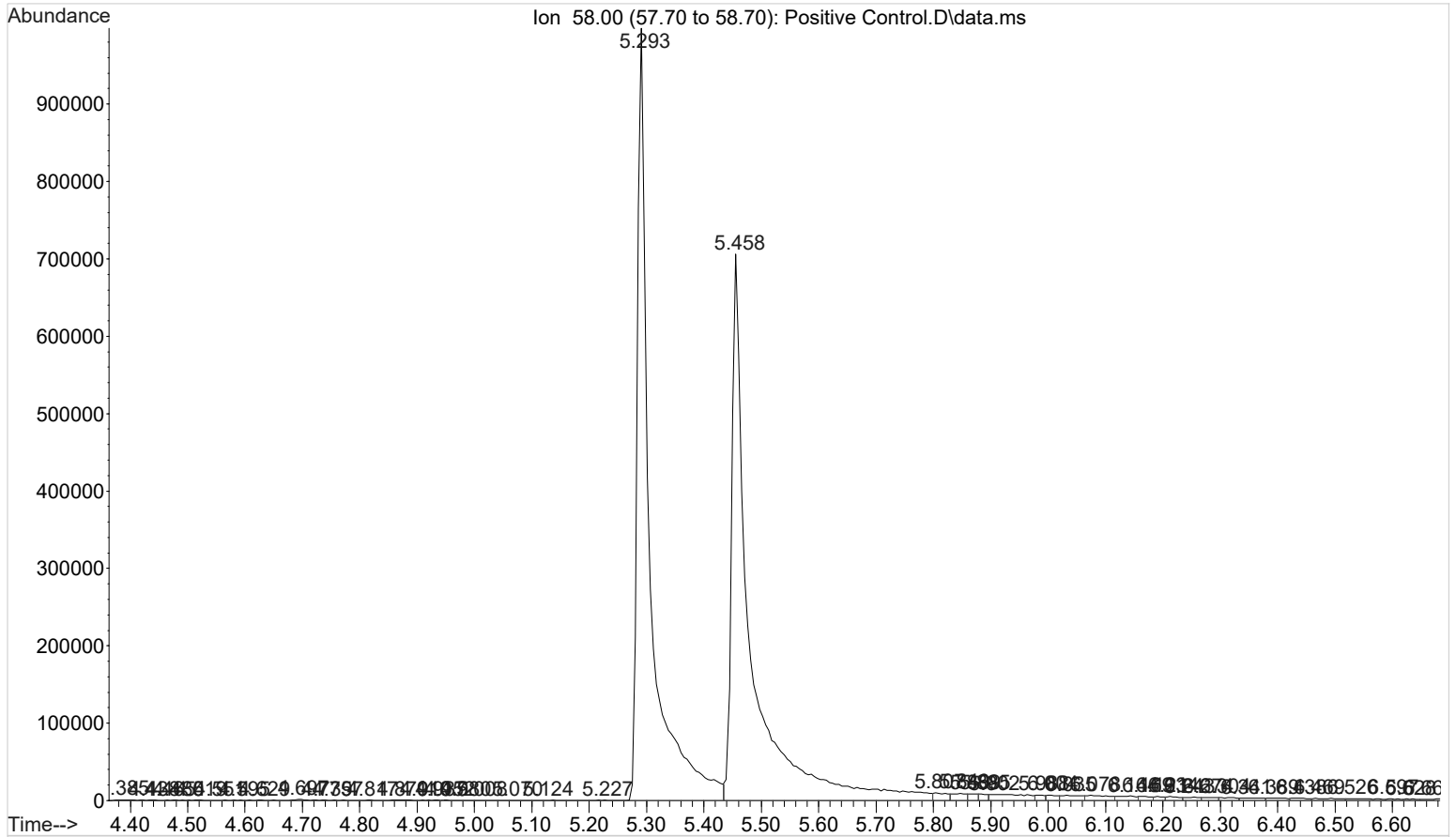
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Misc Info : POC031519 + WS082318; AM #2 Worklist 3422

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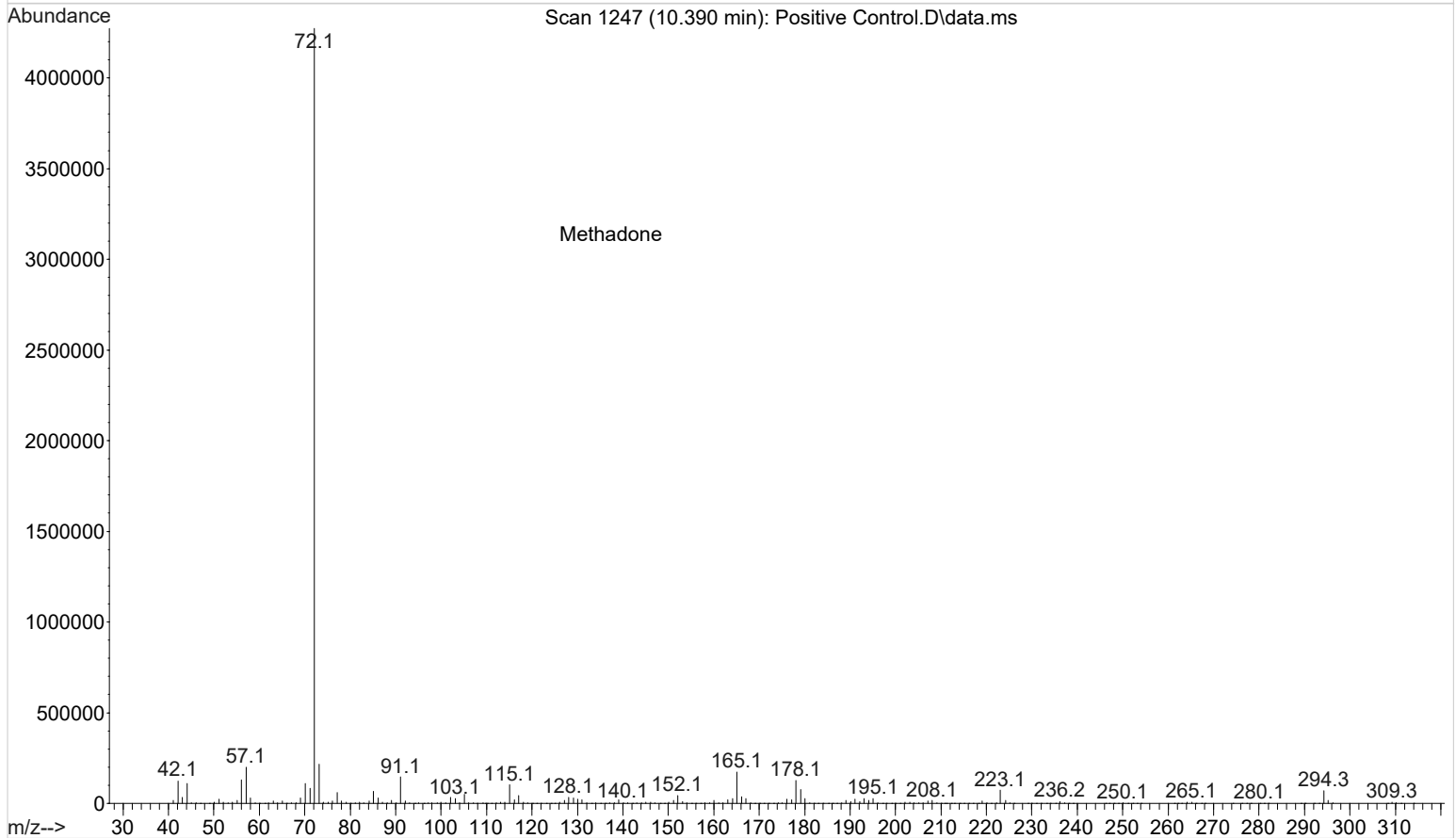
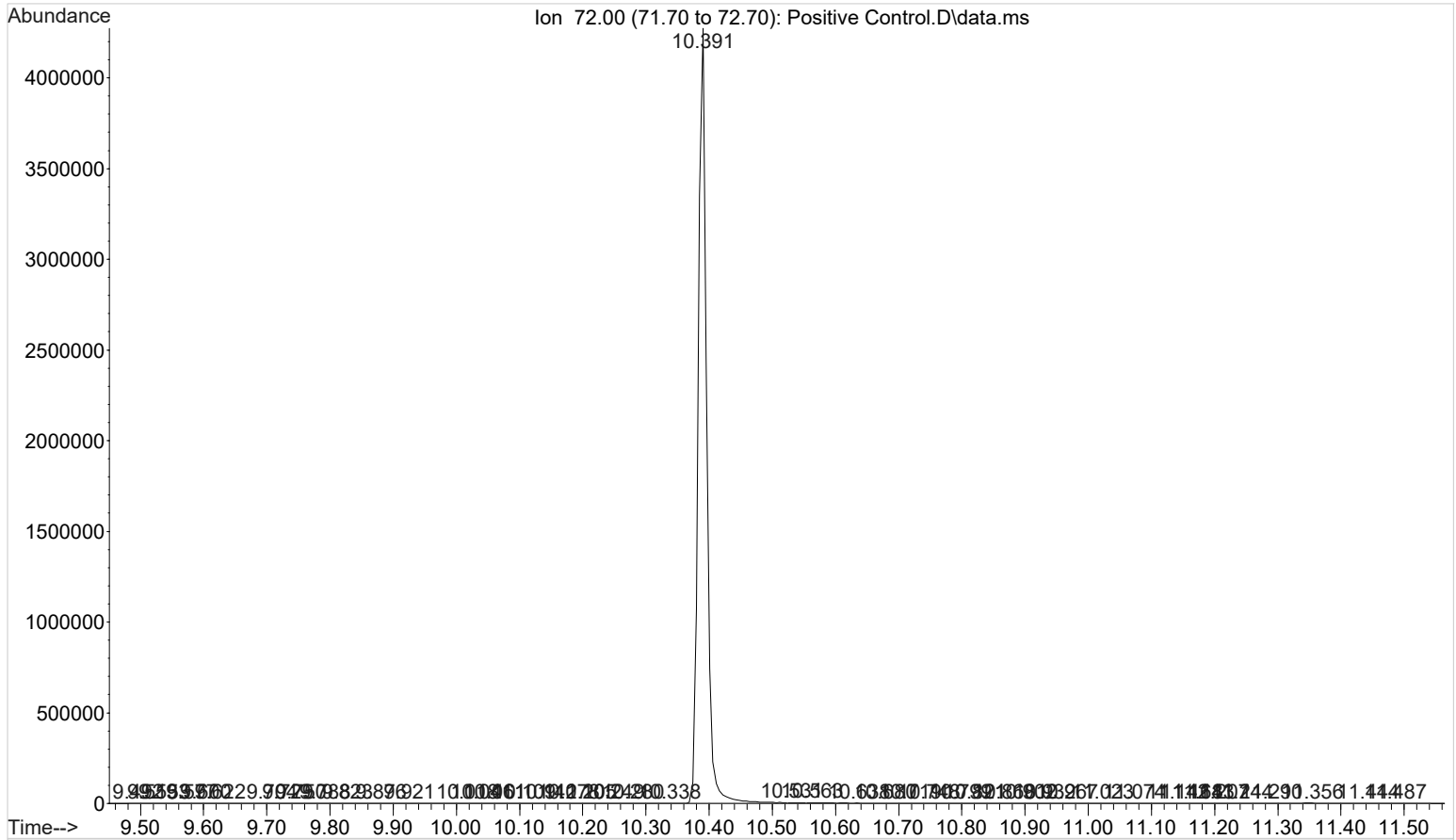
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Instrument : Major Mass Spec  
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Misc Info : POC031519 + WS082318; AM #2 Worklist 3422

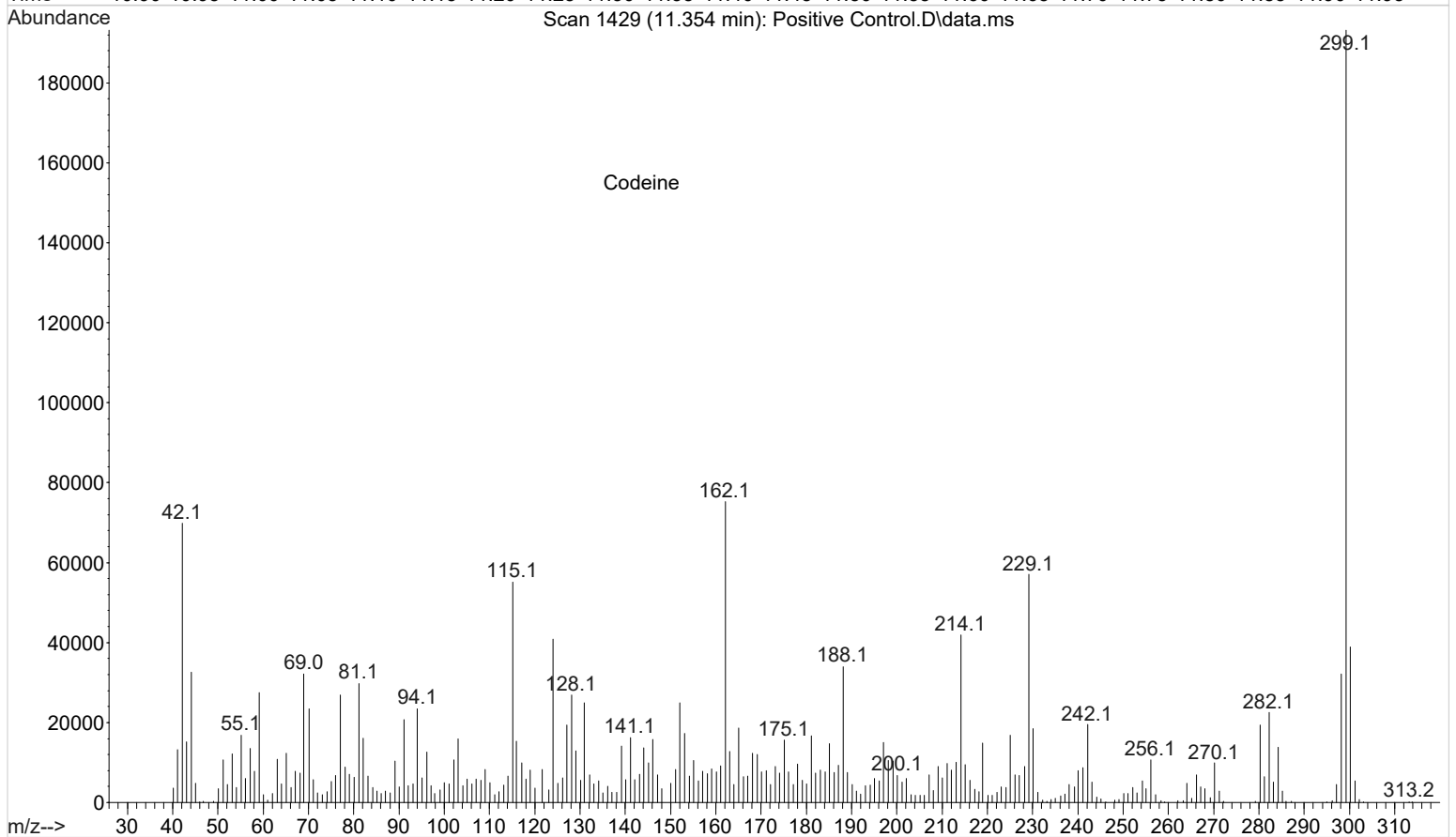
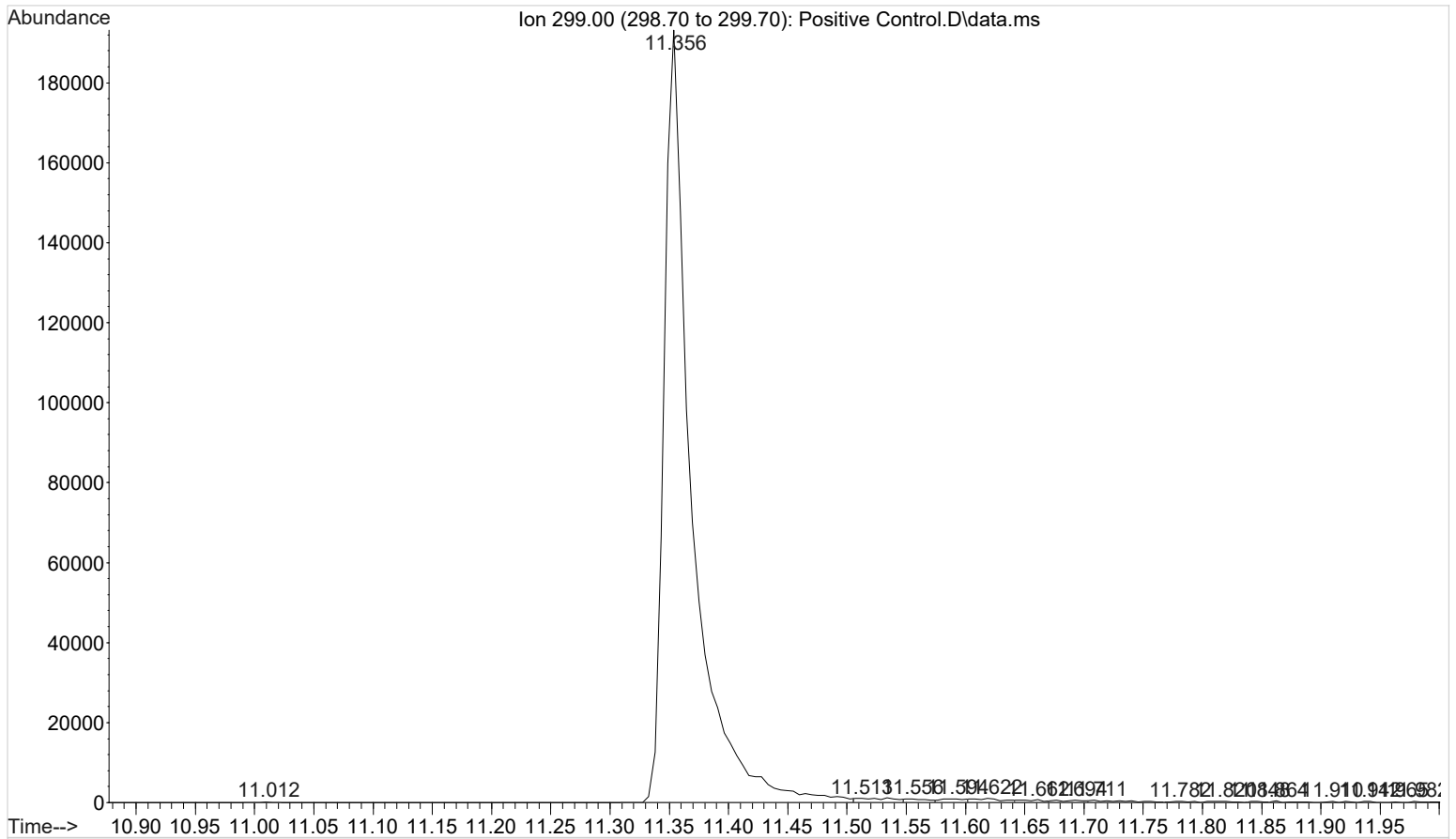
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Sample Name: Positive Control  
Misc Info : POC031519 + WS082318; AM #2 Worklist 3422

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Sample Name: Positive Control  
Misc Info : POC031519 + WS082318; AM #2 Worklist 3422

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