









Worklist: 3591

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>	
C2019-1460	2	158942	AM 2 Urine Toxi A	
M2019-2386	3	158307	AM 2 Urine Toxi A	
M2019-3195	2	159279	AM 2 Urine Toxi A	
M2019-3289	2	159281	AM 2 Urine Toxi A	
M2019-3357	3	158310	AM 2 Urine Toxi A	
P2019-2262	1	158061	AM 2 Urine Toxi A	
P2019-2268	1	158134	AM 2 Urine Toxi A	
P2019-2369	1	159160	AM 2 Urine Toxi A	

A method revision occurred after this batch had been done. The revision that applies to this batch is revision 8.

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AM 2: De-Tox Tube A Urine Extraction

Extraction Date: 08/06/2019

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.

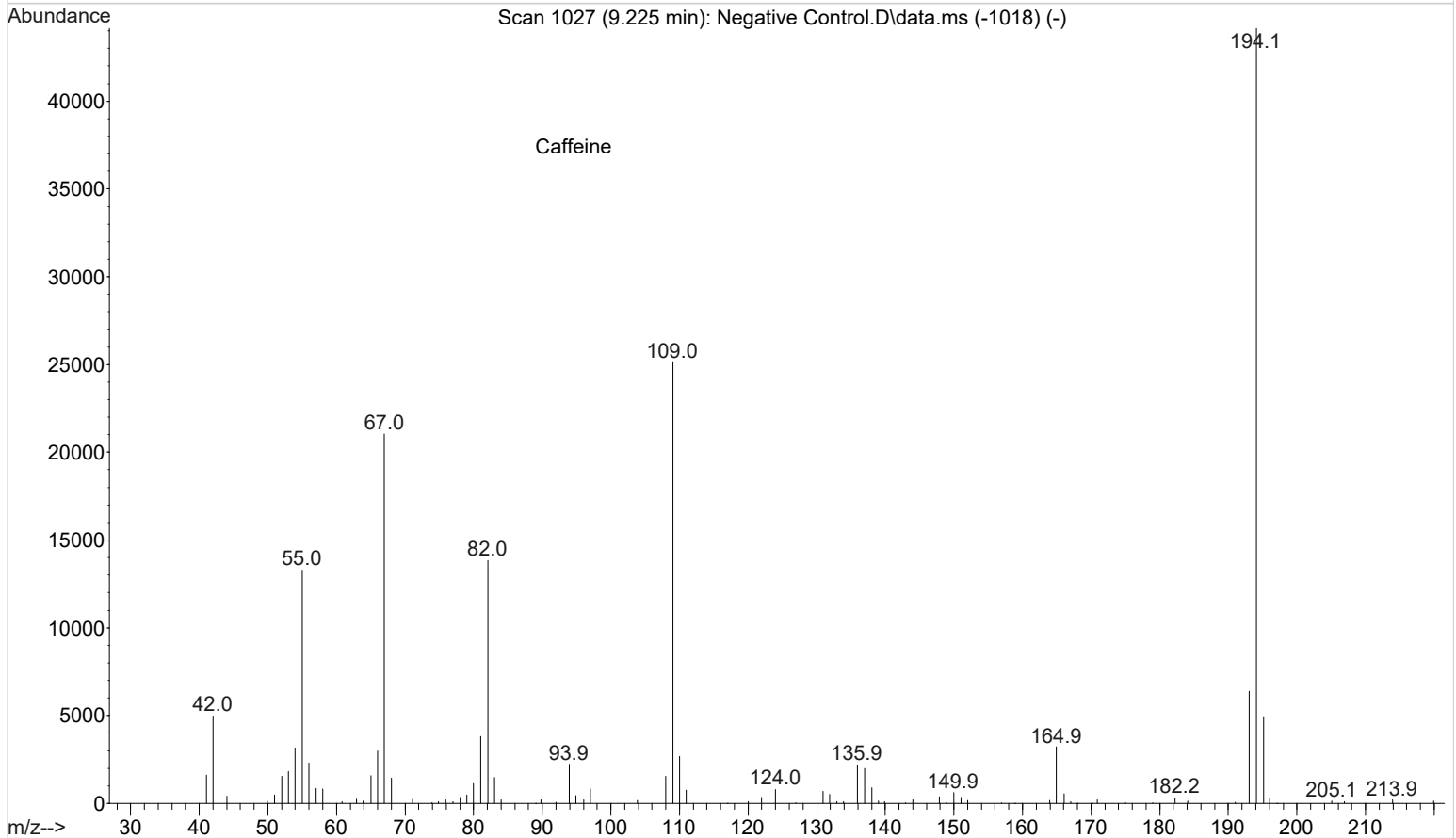
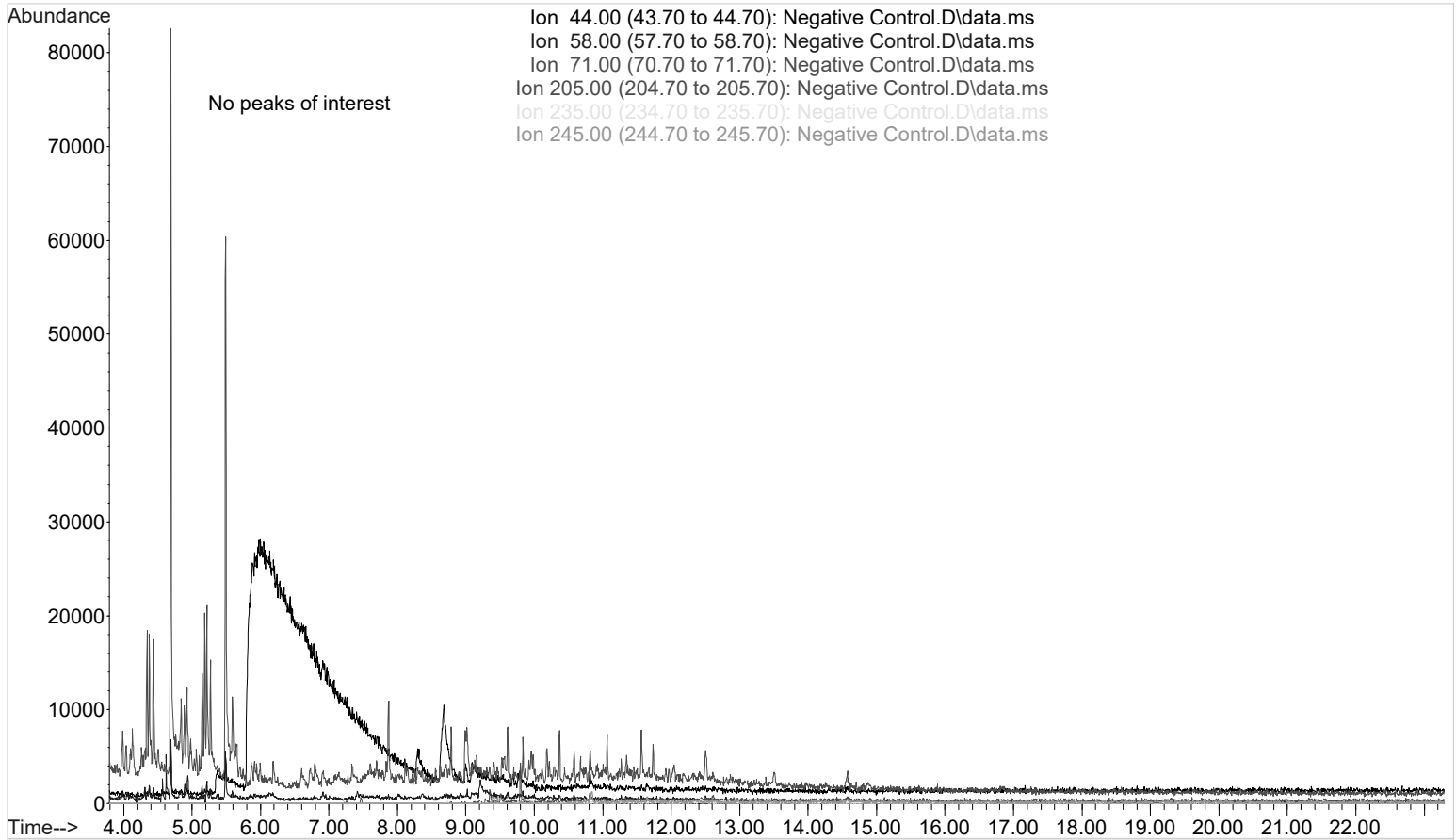
Post-Analytic

- 1. Complete Data analysis on all samples and corresponding sample blanks
 GCMS Data path: D:\DATA\CDS\2019\am 2 worklist 3591
- 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,

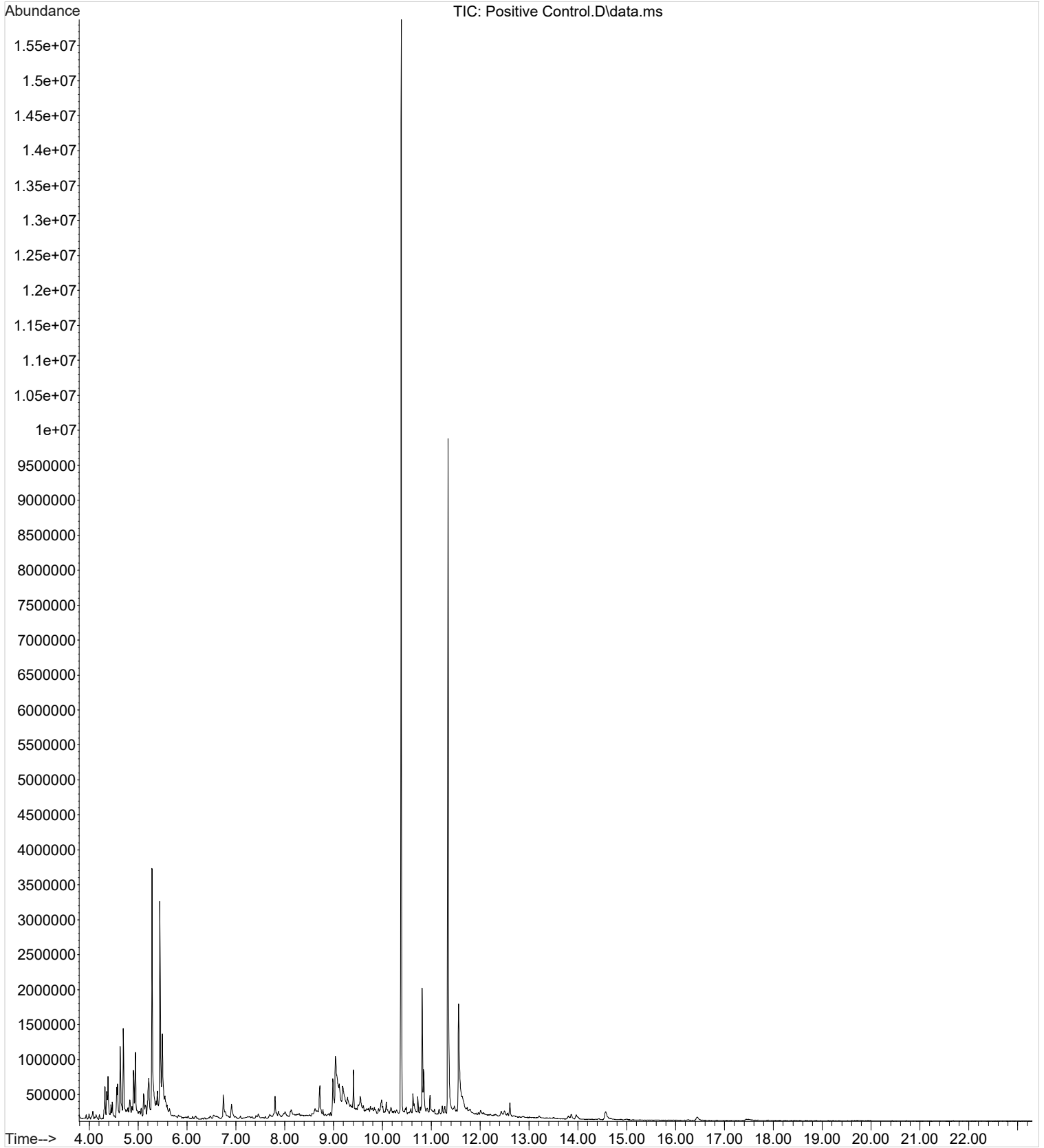
COMMENTS:

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Operator : ISP\Datastor
Instrument : Major Mass Spec
Acquired : 06 Aug 2019 13:08 using AcqMethod UTOX GEN DRUG 6-2017extended.M
Sample Name: Negative Control
Misc Info : POC031319; AM #2 Worklist 3591

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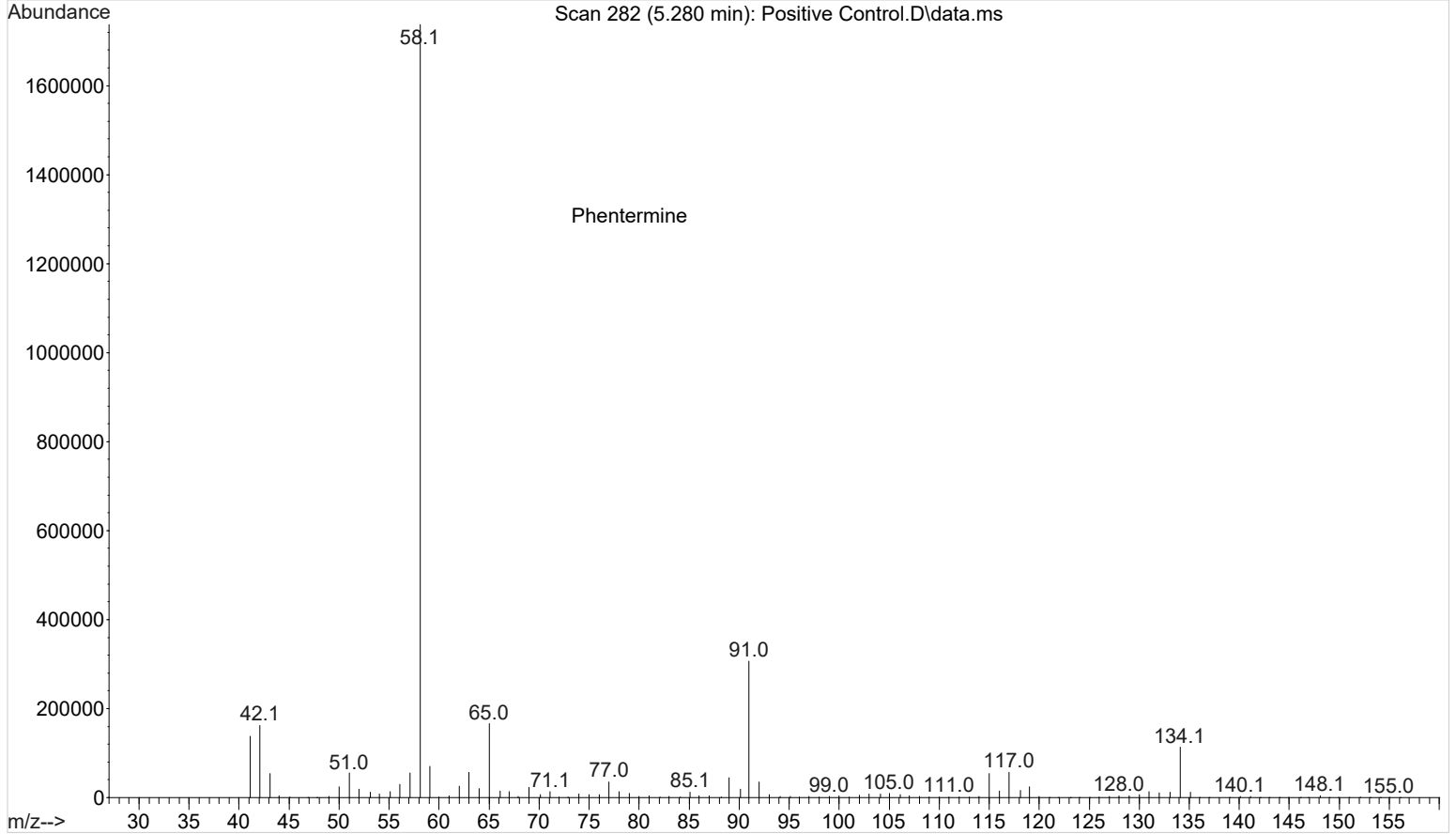
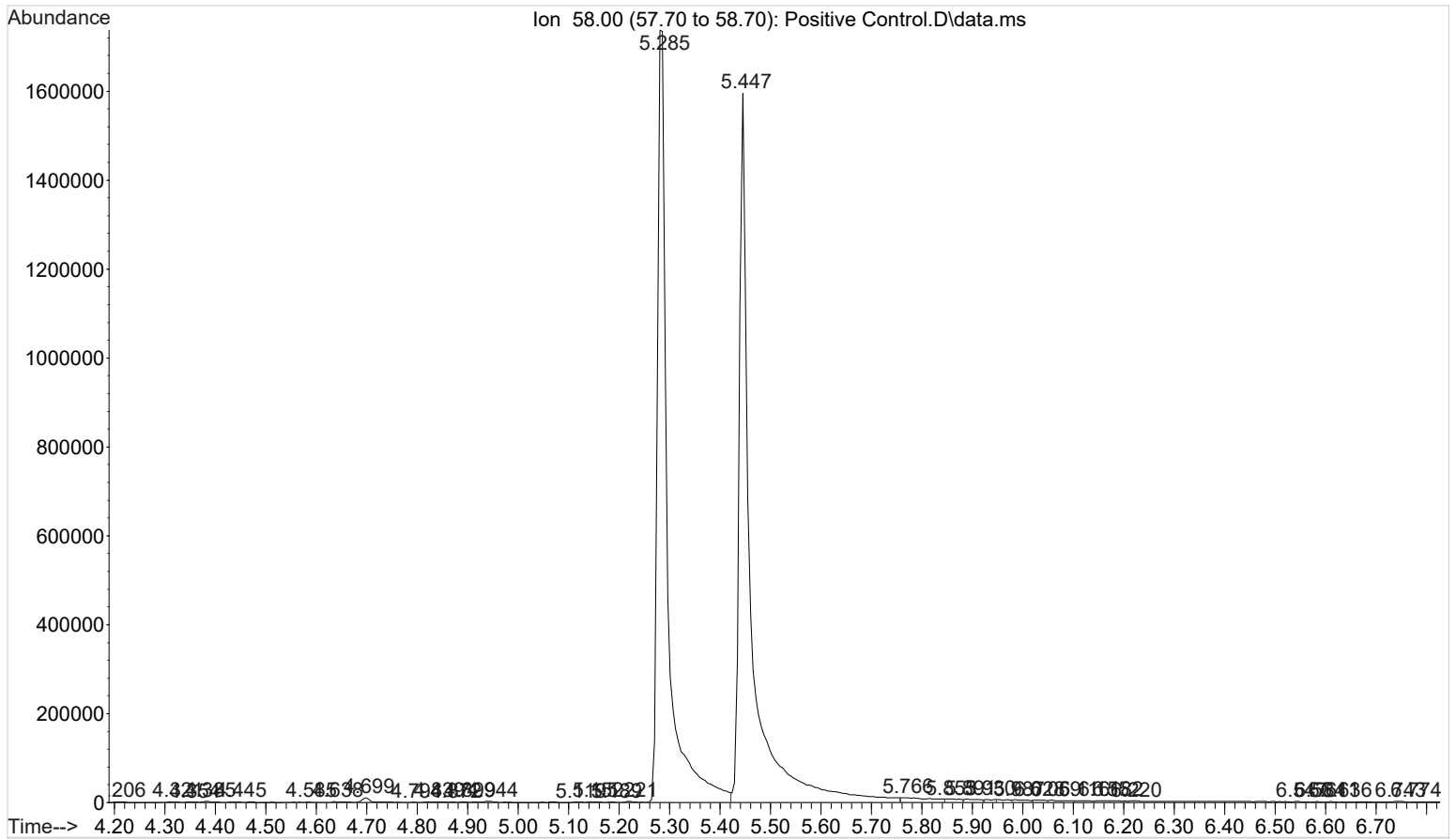


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Instrument : Major Mass Spec
Acquired : 06 Aug 2019 13:37 using AcqMethod UTOX GEN DRUG 6-2017extended.M
Sample Name: Positive Control
Misc Info : POC031319 + WS082318; AM #2 Worklist 3591



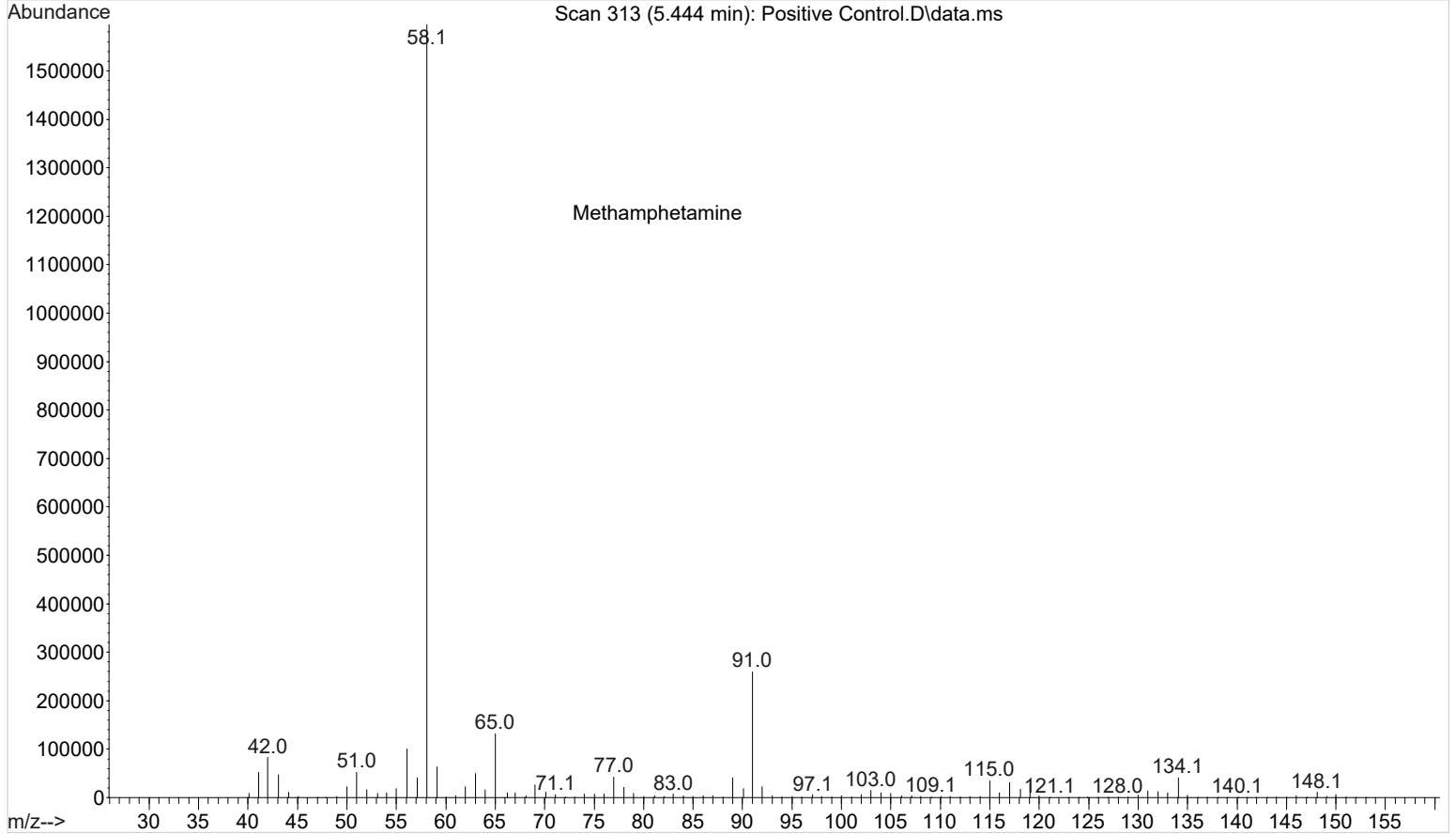
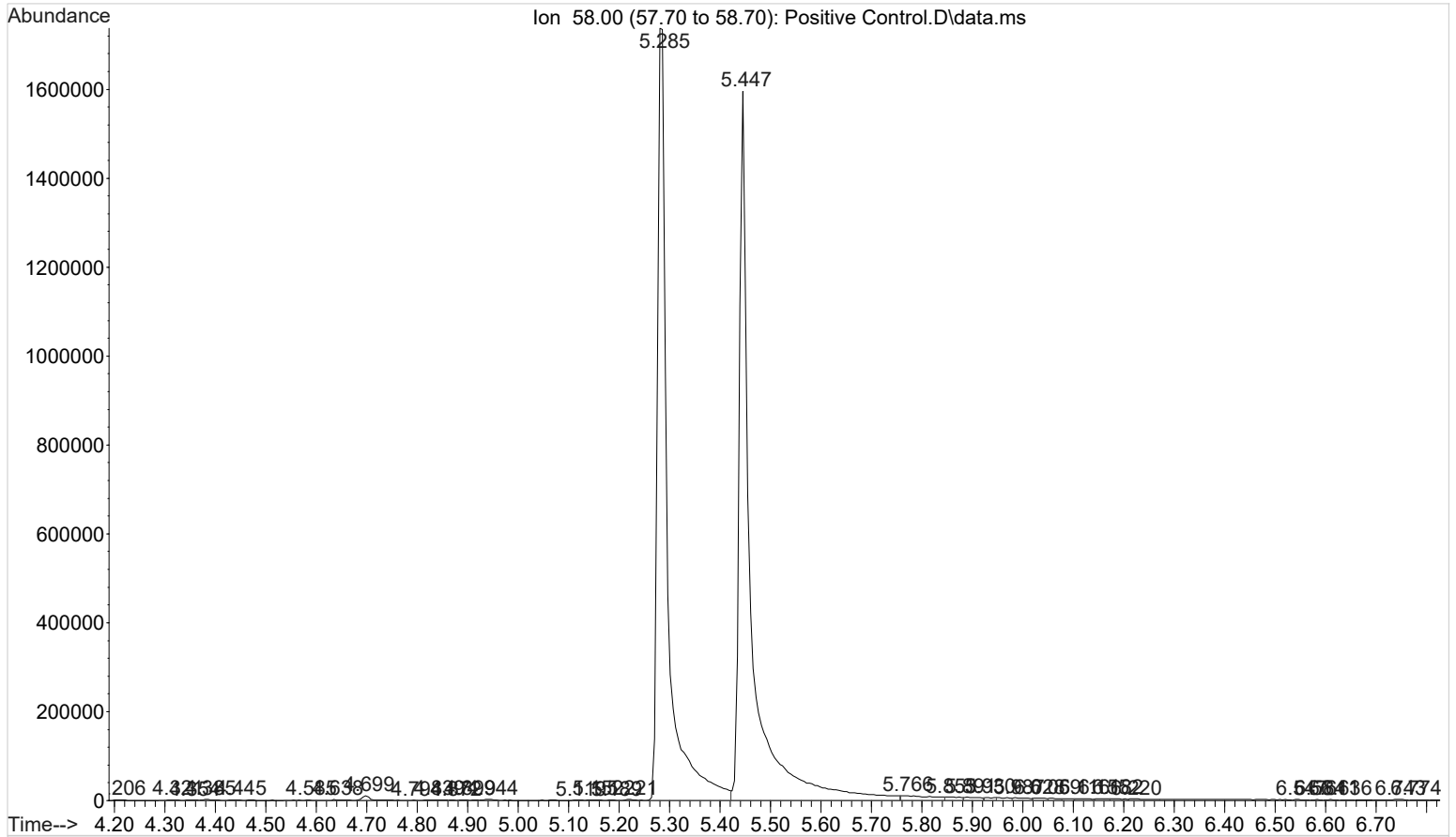
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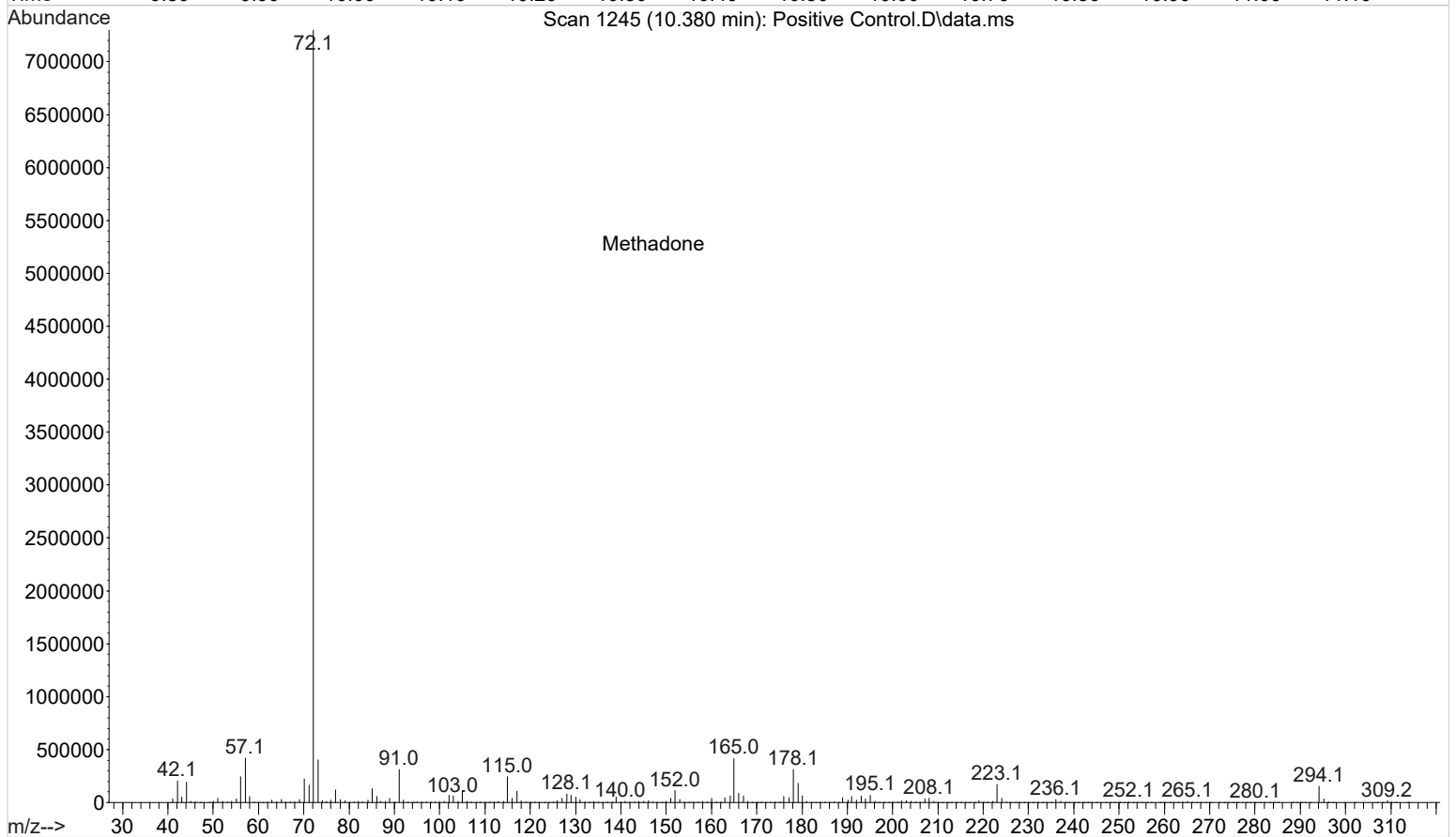
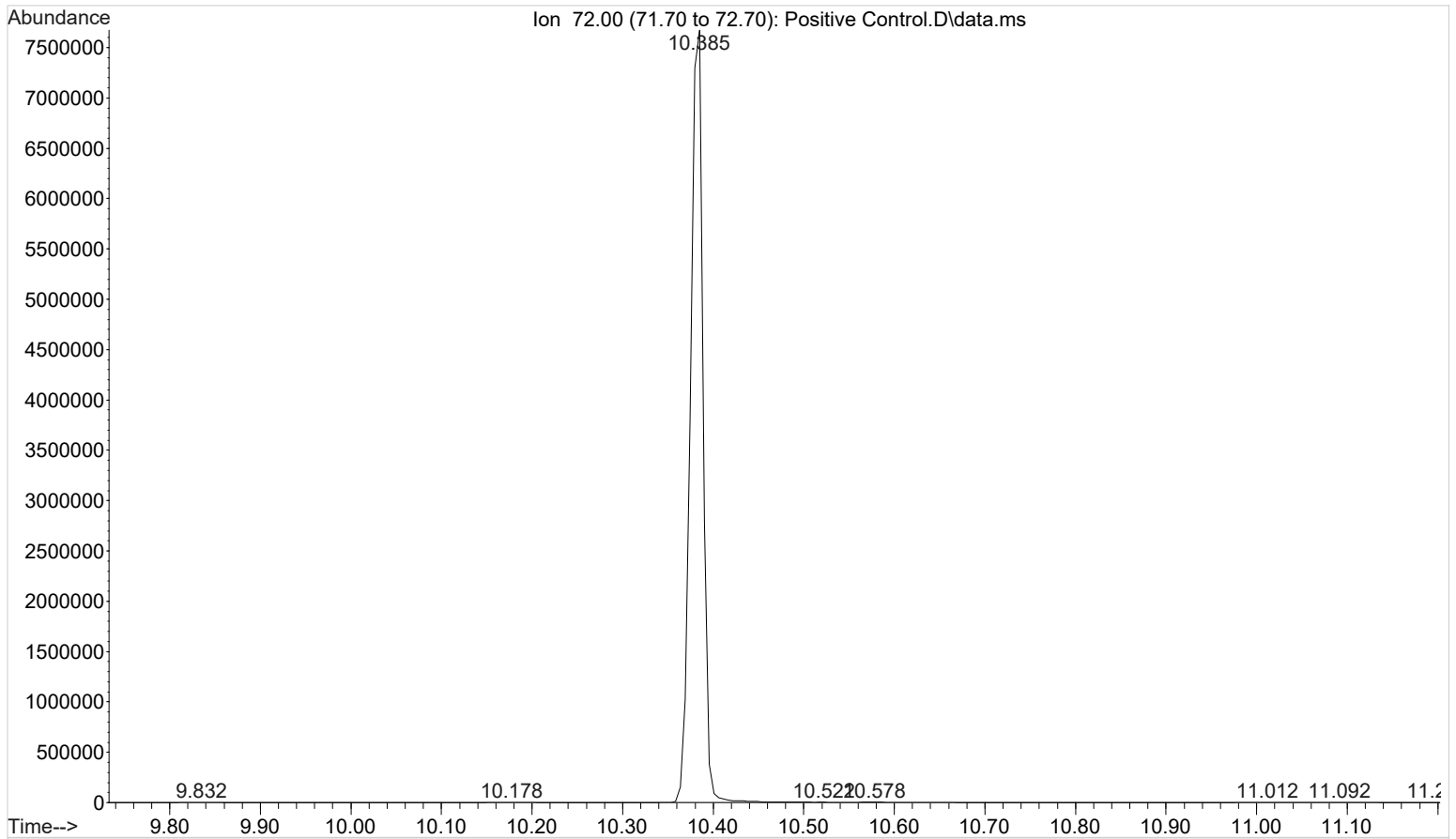
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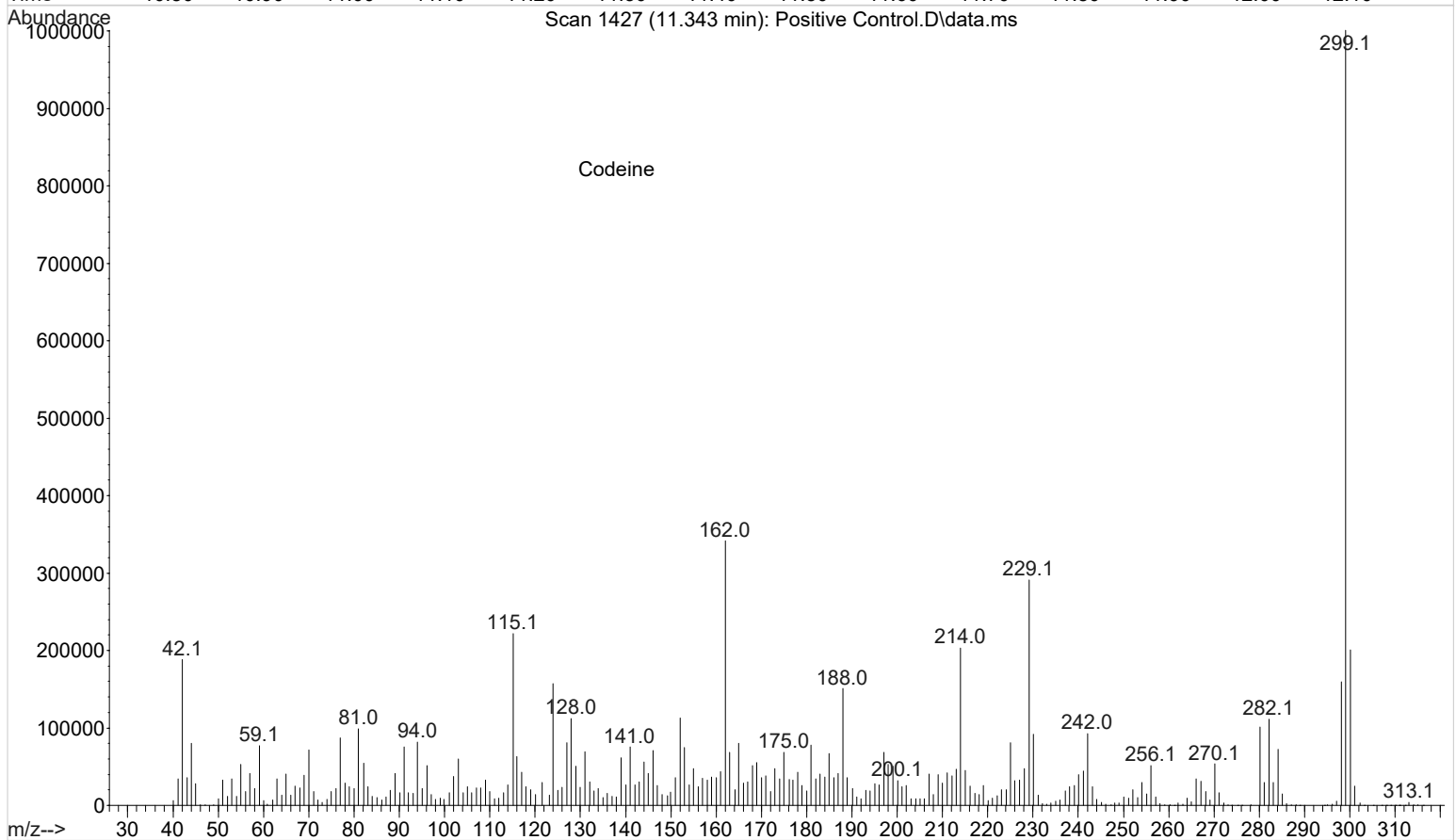
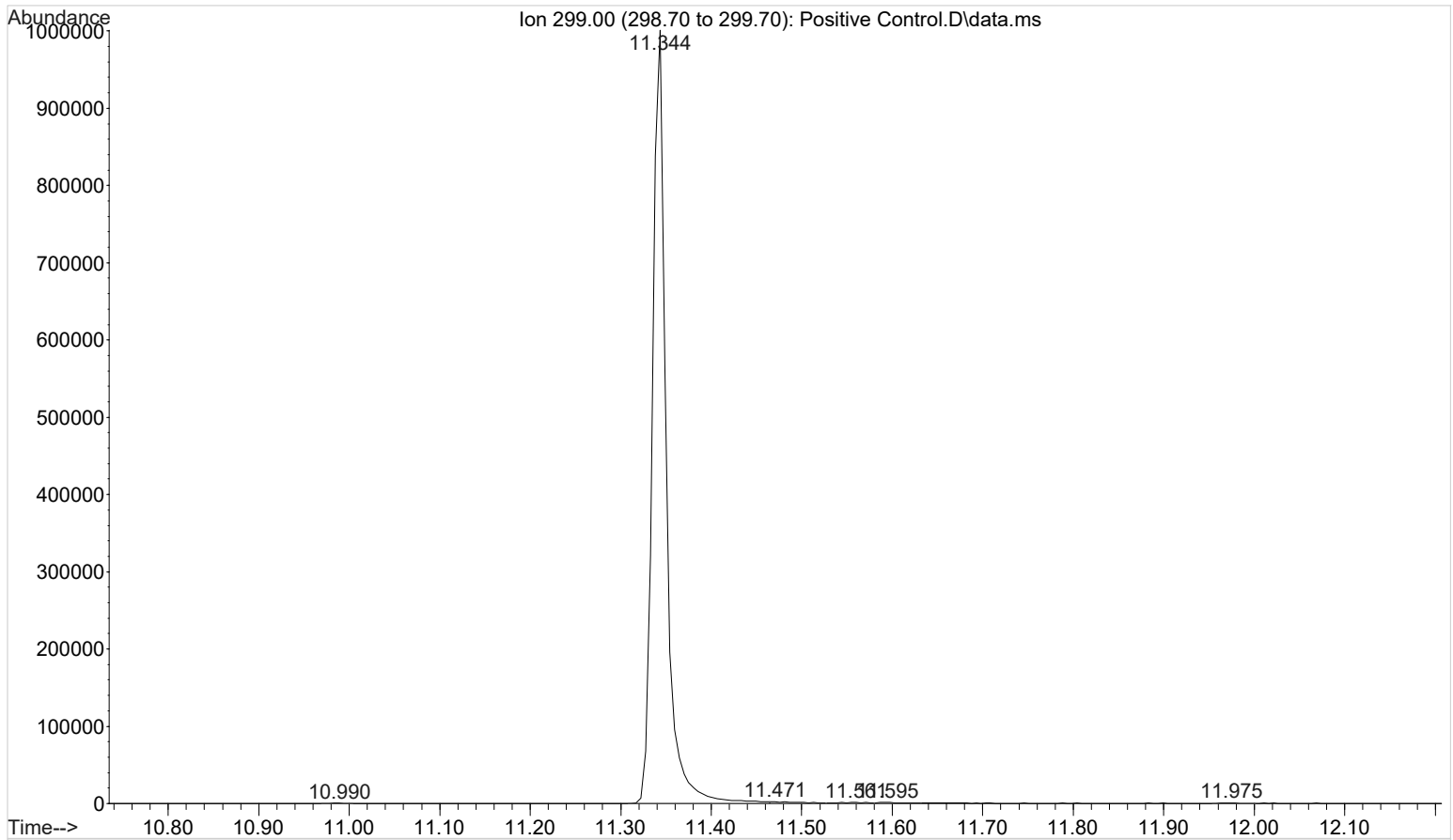
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