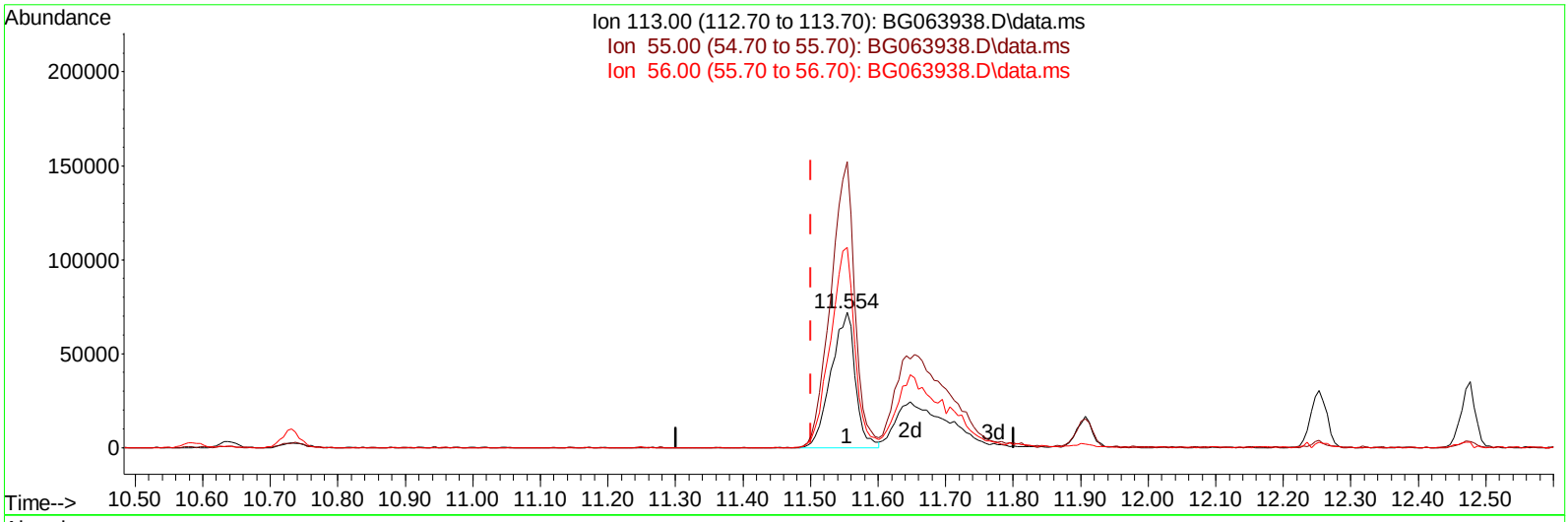
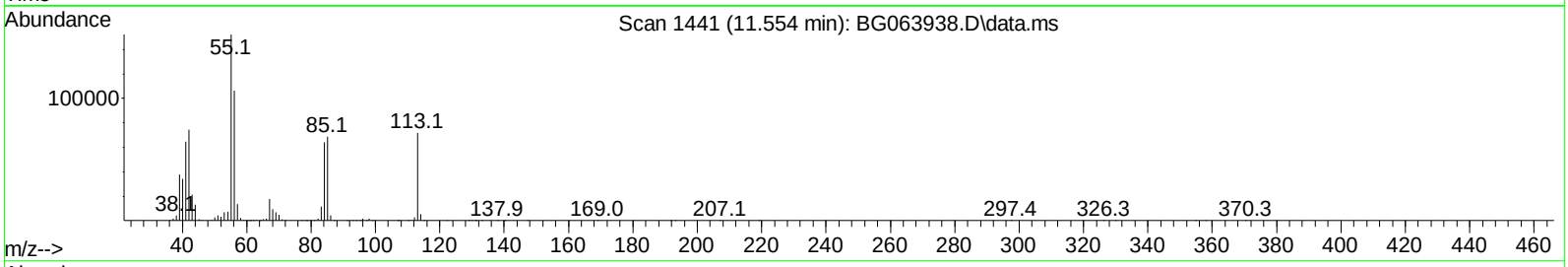
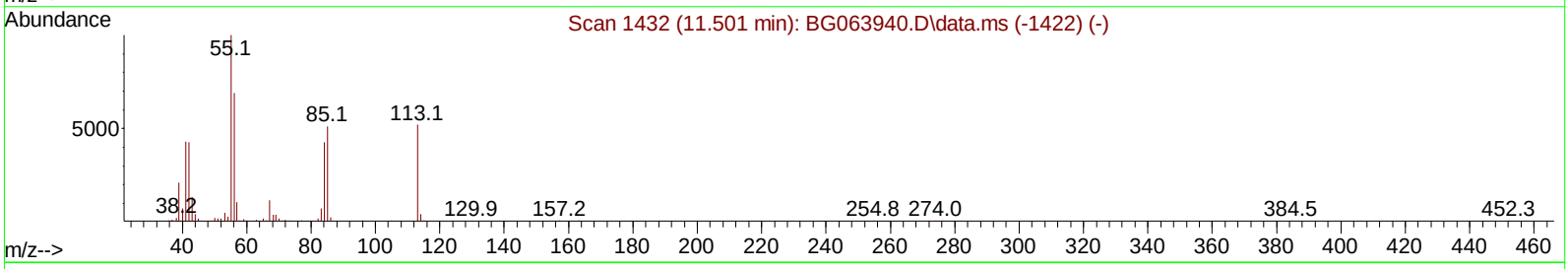
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010625\
Data File : BG063938.D
Acq On : 6 Jan 2025 13:50
Operator : RC/JU
Sample : SSTD16099
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 06 16:24:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010625.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 16:14:22 2025
Response via : Initial Calibration







TIC: BG063938.D\data.ms

(34) Caprolactam

11.554min (+ 0.053) 91.28 ng/ul

response 178786

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	191.80	211.93
56.00	132.60	148.04
0.00	0.00	0.00

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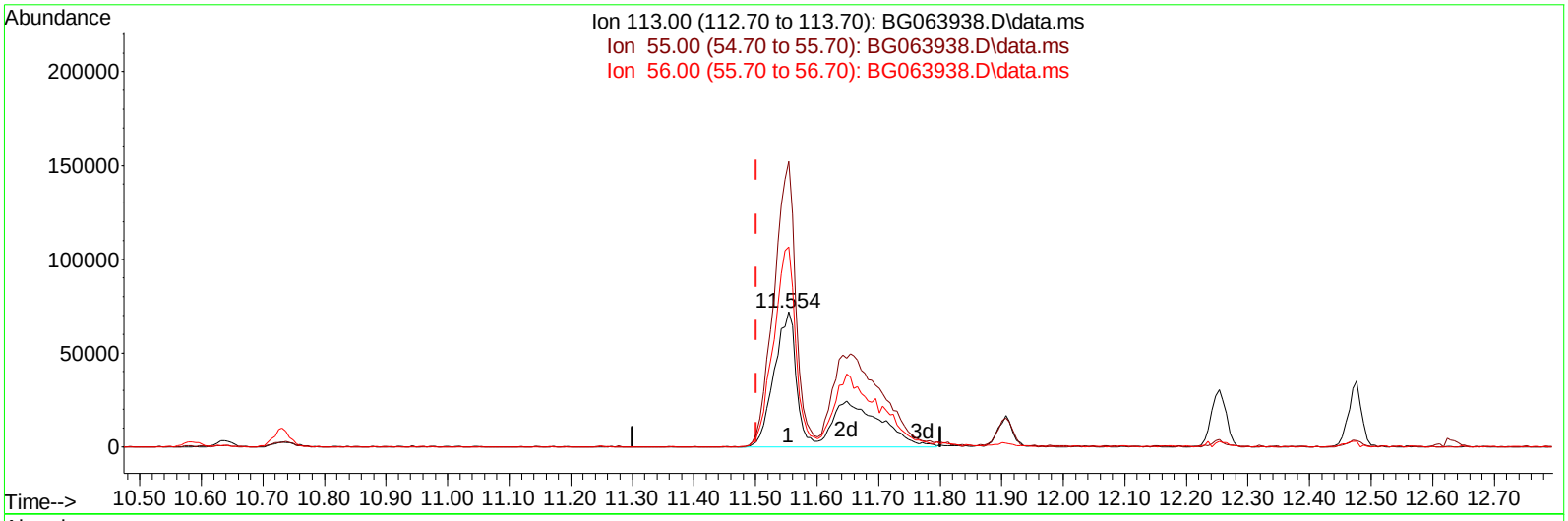

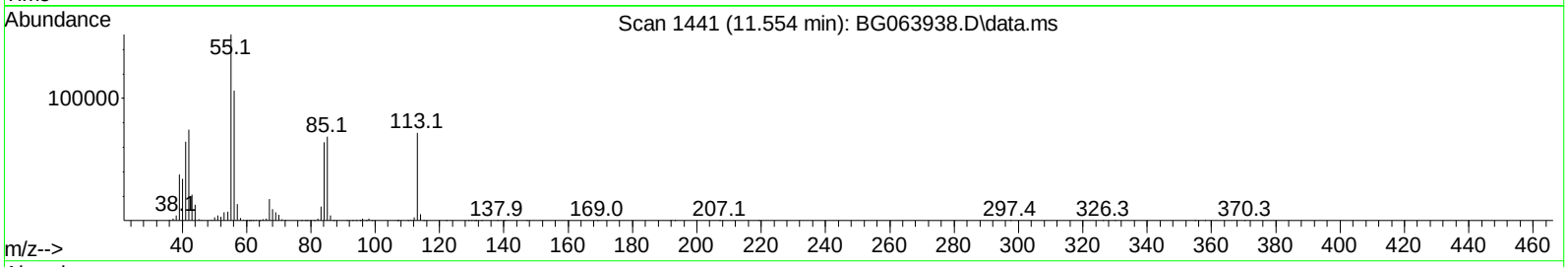

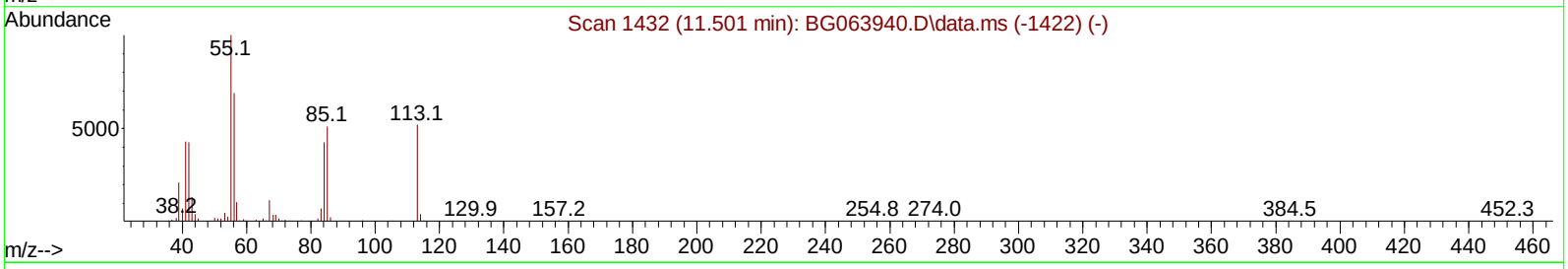

TIC: BG063938.D\data.ms

(34) Caprolactam

11.554min (+ 0.053) 157.72 ng/ul m

response 308925

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	191.80	211.93
56.00	132.60	148.04
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 7 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 16:14:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.794	152	90566	20.000	ng/ul	0.00
20) Naphthalene-d8	10.584	136	343297	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	234968	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.200	188	552380	20.000	ng/ul	0.00
79) Chrysene-d12	21.460	240	686408	20.000	ng/ul	0.00
88) Perylene-d12	24.486	264	721535	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.657	84	1316279	161.714	ng/ul	0.00
7) Phenol-d5	6.989	99	1276444	158.731	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.136	67	872265	153.333	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.528	113	943286	156.478	ng/ul	0.02
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	10.731	131	1125463	158.766	ng/ul	0.00
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	14.697	143	431475	188.425	ng/ul	0.02
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.590	200	536728	185.512	ng/ul	0.02
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.675	79	1359123	160.096	ng/ul	96
6) Benzaldehyde	6.936	77	418007	85.906	ng/ul	95
8) Phenol	7.018	94	1335313	155.962	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.224	93	1032386	150.325	ng/ul	96
13) 2-Methylphenol	8.252	108	947976	157.632	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.316	45	1502199	151.889	ng/ul	98
16) Acetophenone	8.622	105	1509135	144.773	ng/ul	93
18) 4-Methylphenol	8.593	108	994038	151.917	ng/ul	97
32) 4-Chloroaniline	10.755	127	1048558	155.770	ng/ul	96
34) Caprolactam	11.554	113	308925m	157.724	ng/ul	
40) Hexachlorocyclopentadiene	12.606	237	551268	178.053	ng/ul	88
51) 3-Nitroaniline	14.362	138	442159	152.522	ng/ul	91
53) 2,4-Dinitrophenol	14.580	184	326734	202.159	ng/ul	92
55) 4-Nitrophenol	14.709	109	392335	189.981	ng/ul	98
63) 4-Nitroaniline	15.543	138	391143	137.787	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.608	198	543871	182.587	ng/ul	100
70) Atrazine	16.671	200	989304	151.253	ng/ul	96
71) Pentachlorophenol	16.859	266	500335	211.095	ng/ul	94
77) Carbazole	17.611	167	3707682	144.580	ng/ul#	91
84) 3,3'-Dichlorobenzidine	21.366	252	1661606	142.322	ng/ul	96
89) Di-n-octyl phthalate	22.494	149	5265325	154.816	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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