Quantitation Report (Qedit)

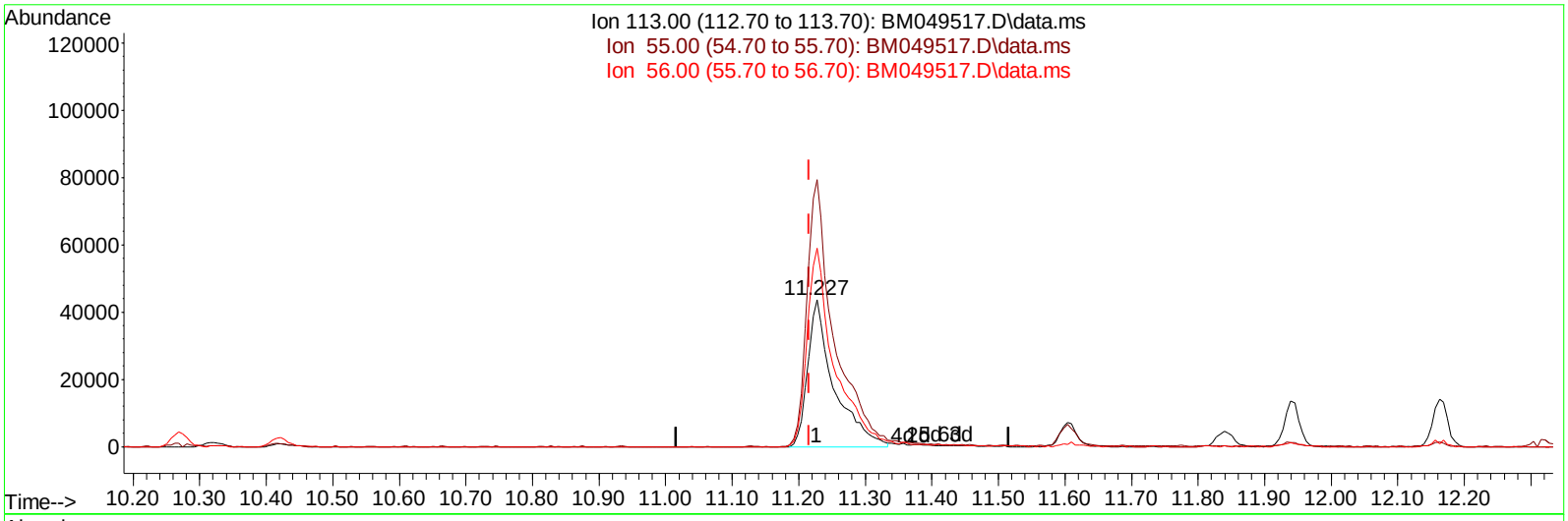
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049517.D
Acq On : 29 Jan 2025 23:30
Operator : RC/JU
Sample : PB166307BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

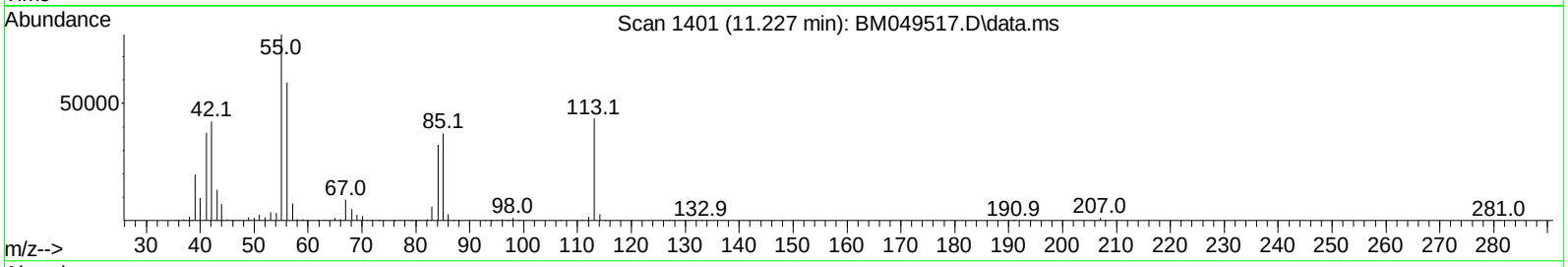
Quant Time: Jan 30 07:35:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

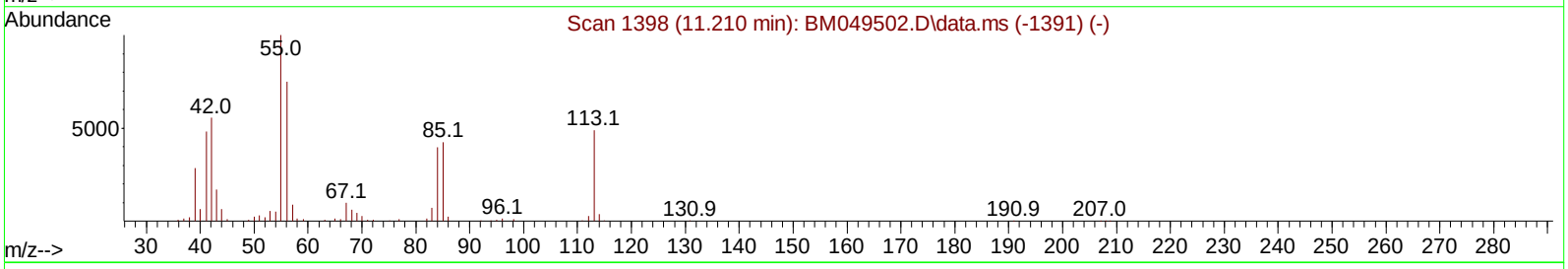
Instrument :
BNA_M
ClientSampleId :
SLCS307

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025







TIC: BM049517.D\data.ms

(34) Caprolactam

11.227min (+ 0.011) 41.65 ng/ul

response 119782

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.50	181.84
56.00	134.80	135.23
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
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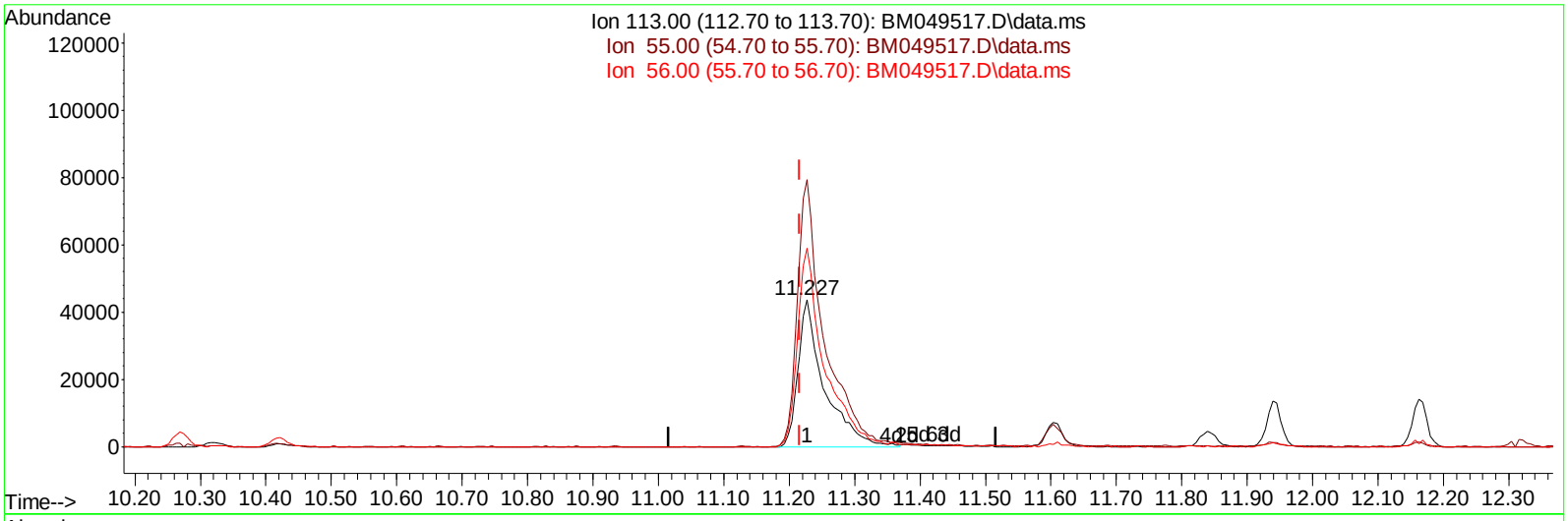

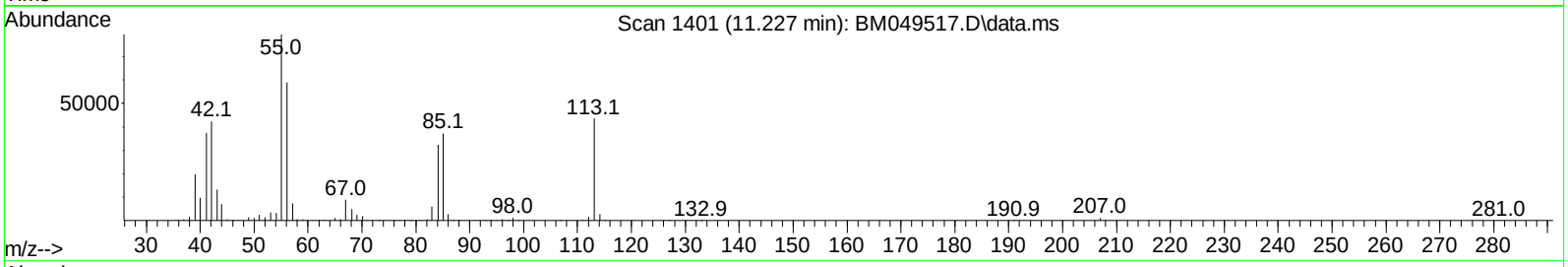

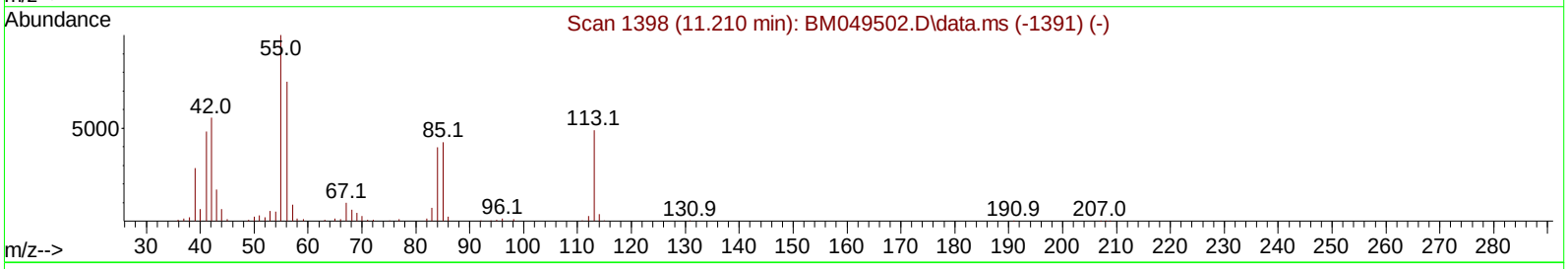

TIC: BM049517.D\data.ms

(34) Caprolactam

11.227min (+ 0.011) 42.22 ng/ul m

response 121420

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.50	181.84
56.00	134.80	135.23
0.00	0.00	0.00

Quantitation Report (Qedit)

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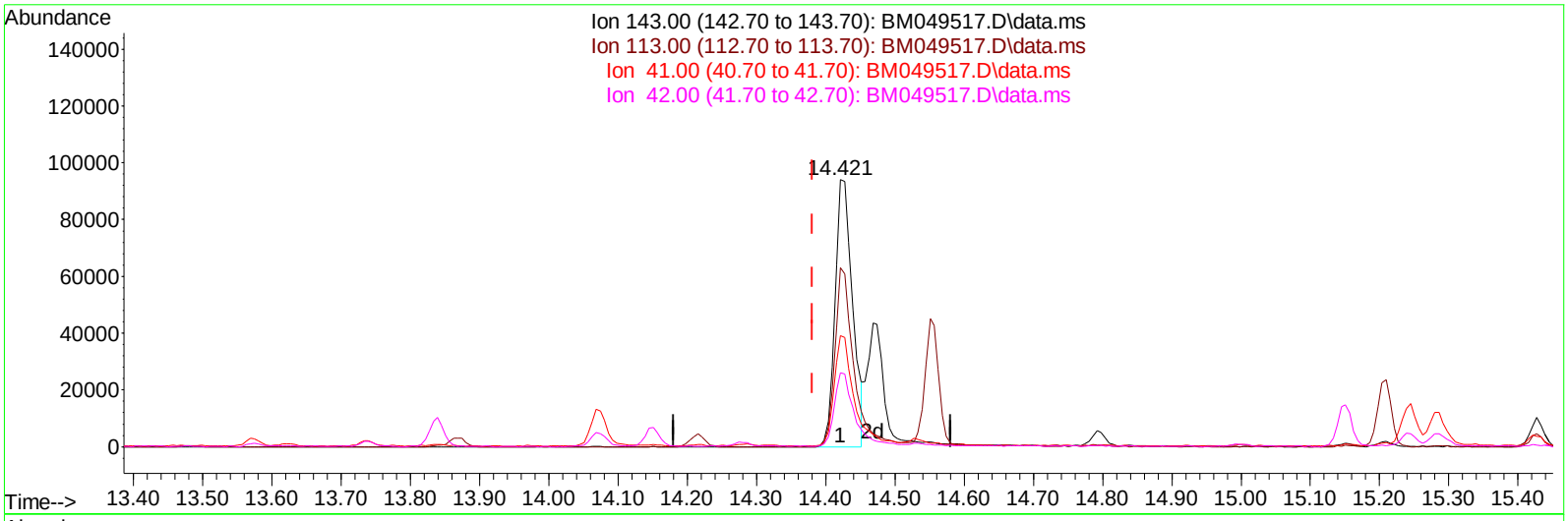

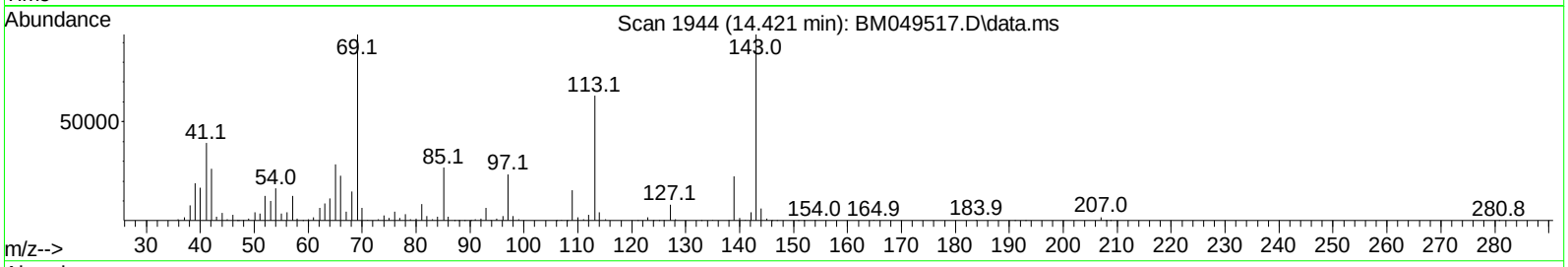

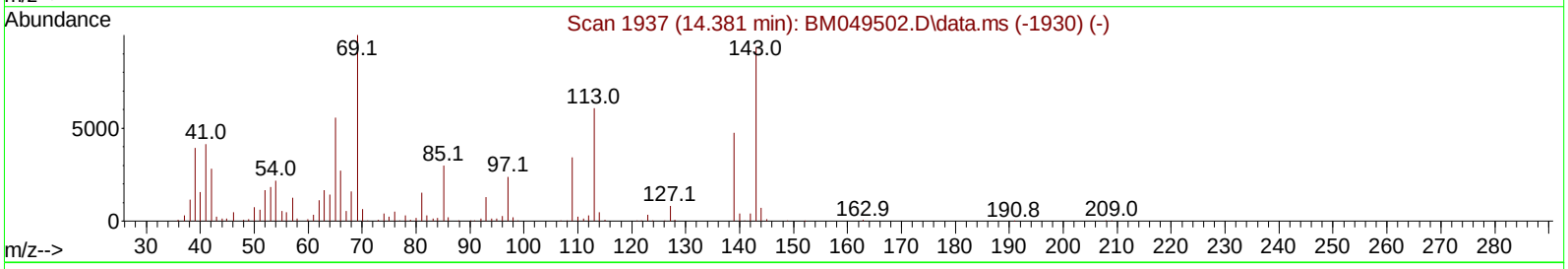

TIC: BM049517.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.421min (+ 0.041) 35.17 ng/ul

response 163803

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	69.90	67.15
41.00	42.70	41.70
42.00	32.00	27.82

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049517.D
Acq On : 29 Jan 2025 23:30
Operator : RC/JU
Sample : PB166307BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 30 07:35:38 2025
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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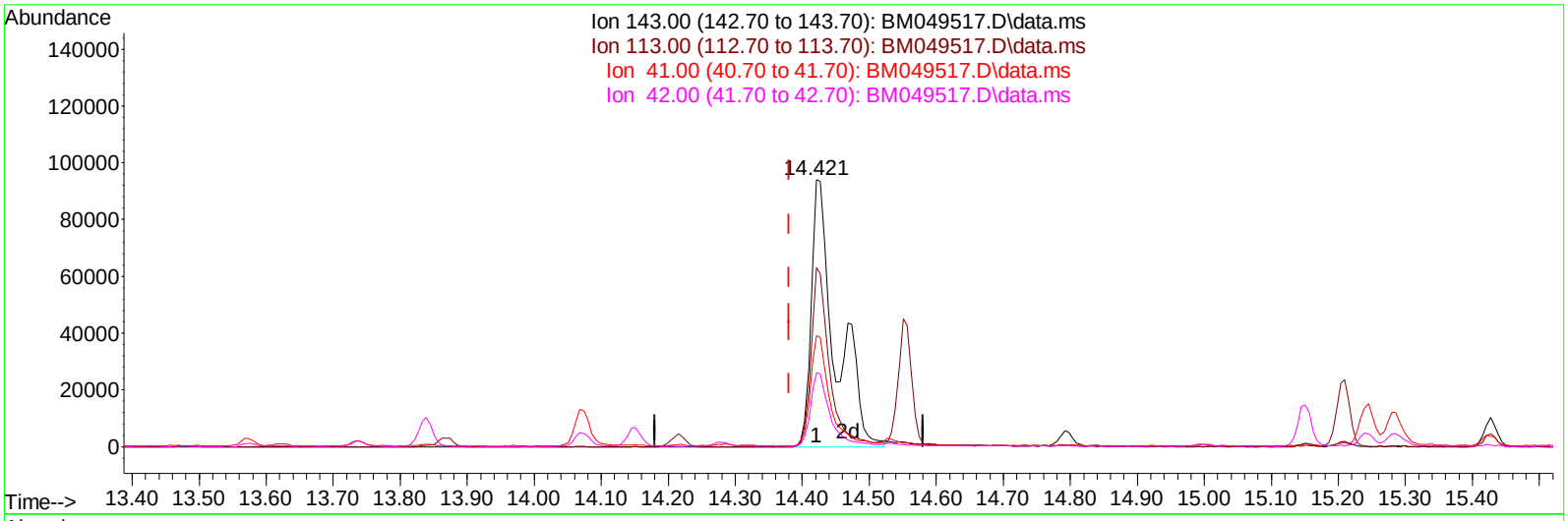

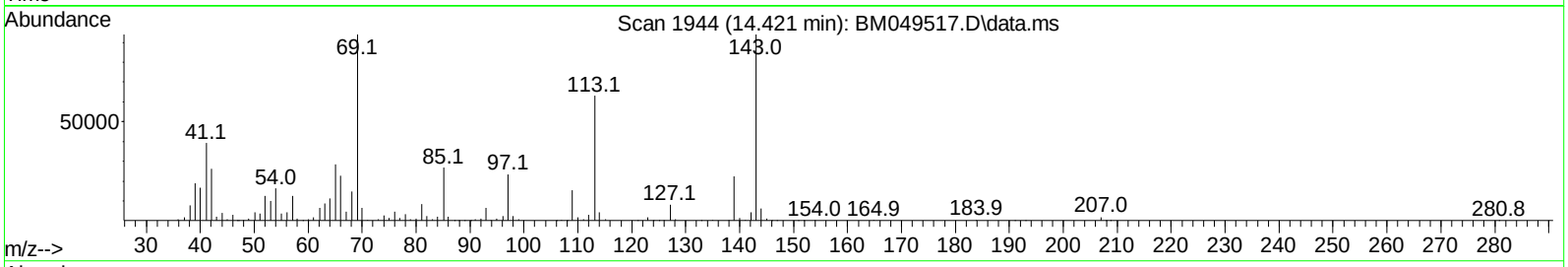

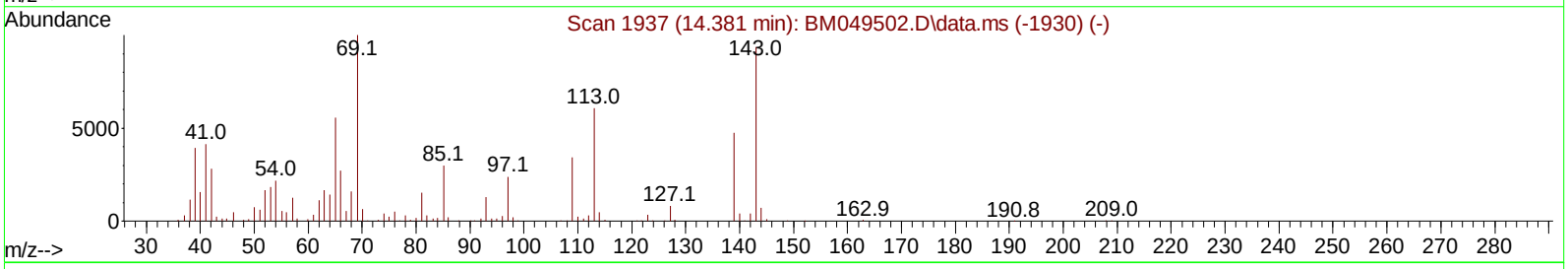

TIC: BM049517.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.421min (+ 0.041) 50.87 ng/ul m

response 236970

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	69.90	67.15
41.00	42.70	41.70
42.00	32.00	27.82

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049517.D
Acq On : 29 Jan 2025 23:30
Operator : RC/JU
Sample : PB166307BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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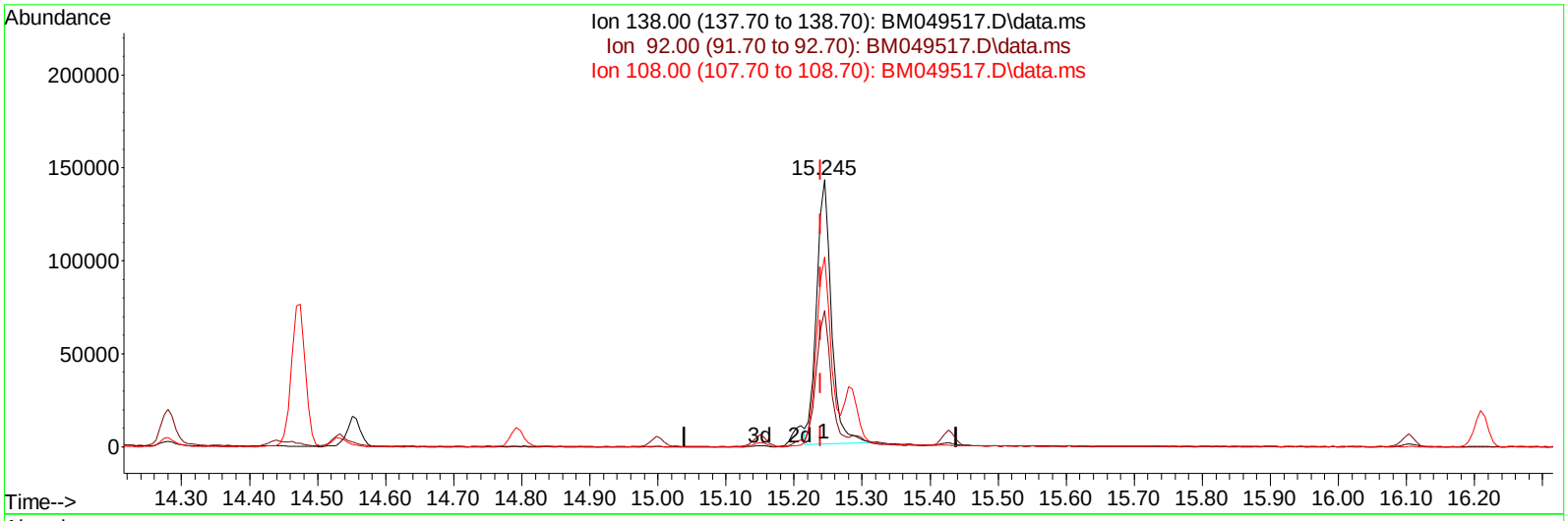

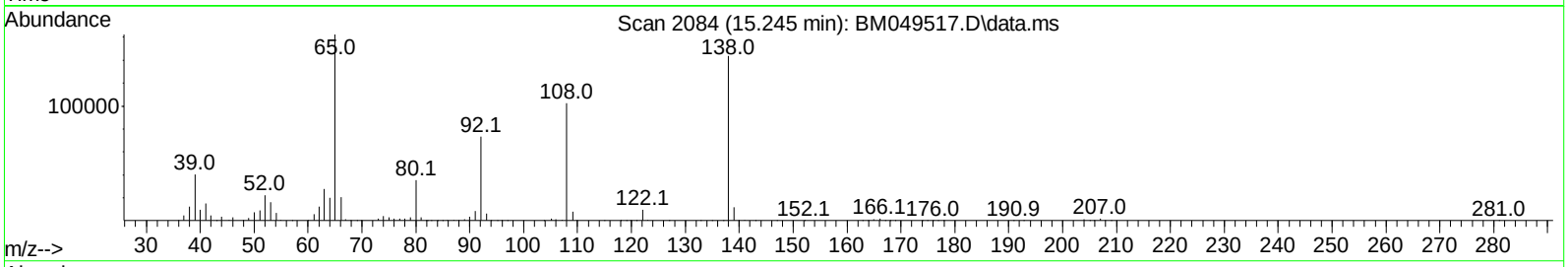

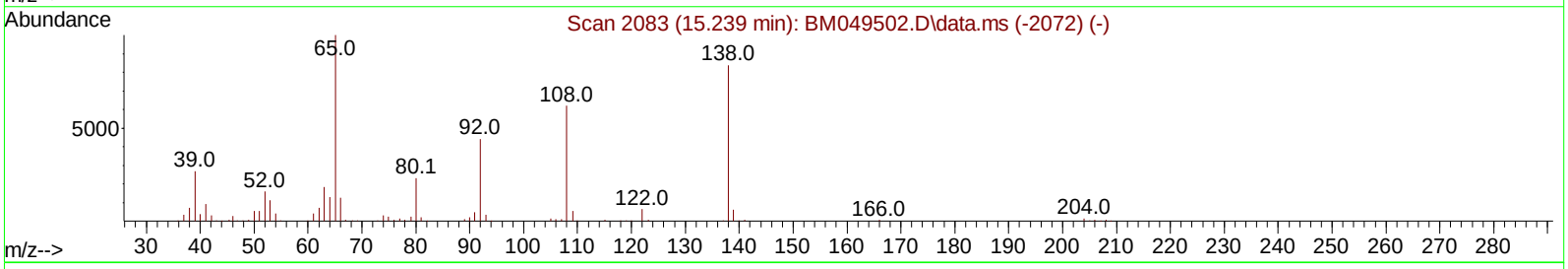

TIC: BM049517.D\data.ms

(63) 4-Nitroaniline

15.245min (+ 0.006) 46.37 ng/ul

response 215782

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	53.40	50.94
108.00	79.90	71.20
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049517.D
Acq On : 29 Jan 2025 23:30
Operator : RC/JU
Sample : PB166307BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 30 07:35:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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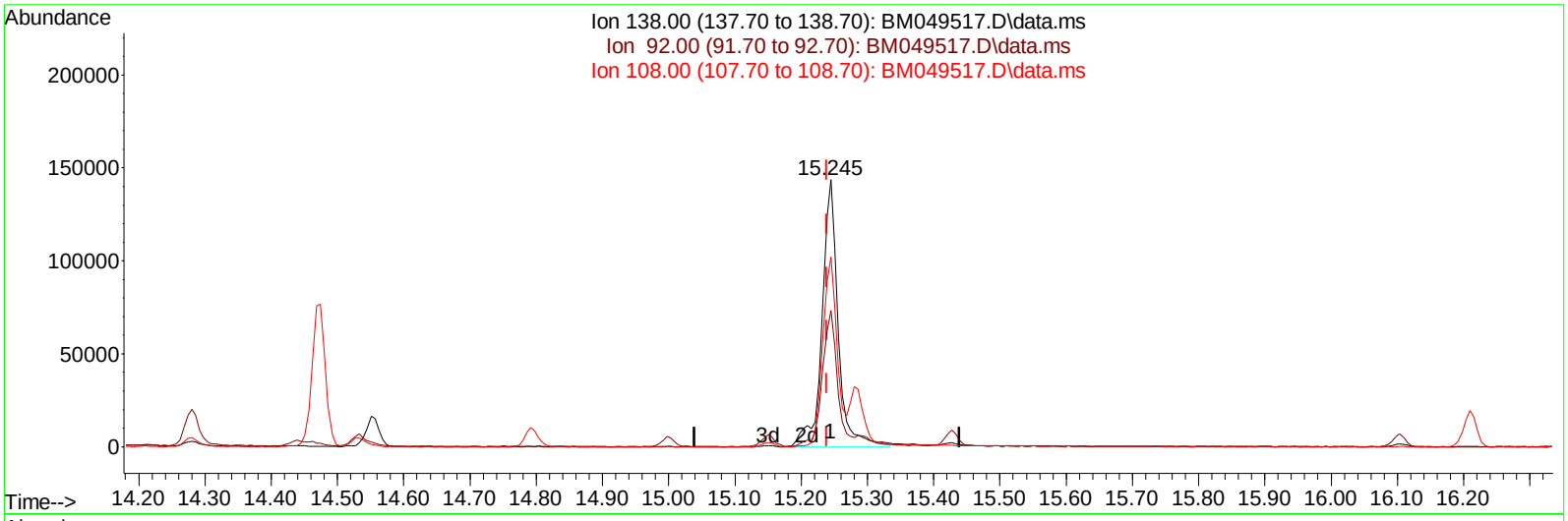

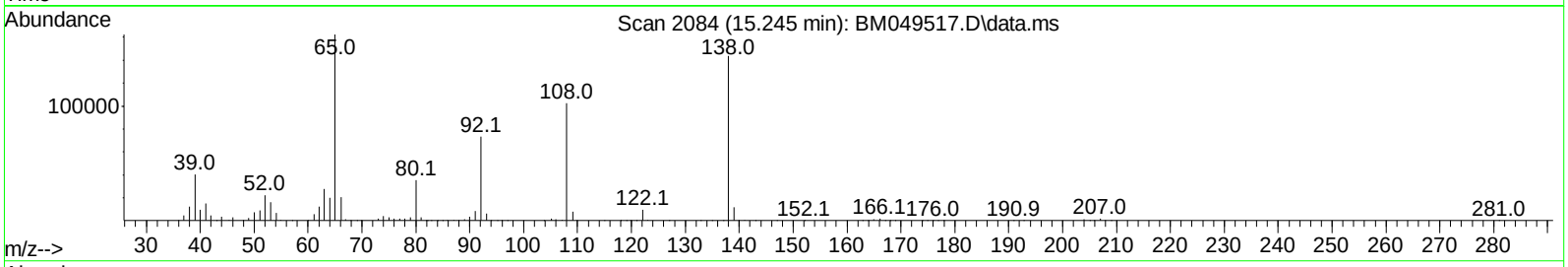

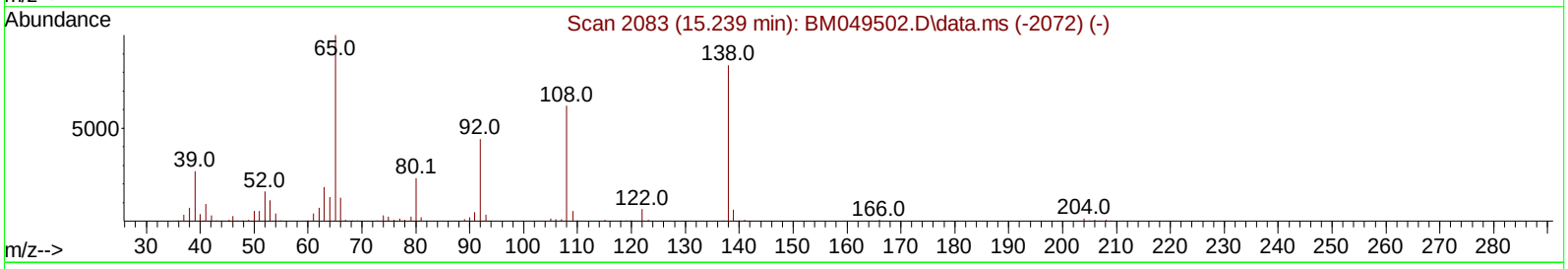

TIC: BM049517.D\data.ms

(63) 4-Nitroaniline

15.245min (+ 0.006) 52.27 ng/ul m

response 243251

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	53.40	50.94
108.00	79.90	71.20
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049517.D
Acq On : 29 Jan 2025 23:30
Operator : RC/JU
Sample : PB166307BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 30 08:26:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 02/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	164380	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	609084	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164	387261	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.903	188	768442	20.000	ng/ul	0.00
79) Chrysene-d12	21.133	240	752404	20.000	ng/ul	0.00
88) Perylene-d12	23.909	264	784432	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	33260	7.497	ng/uL	0.00
4) Pyridine-d5	3.516	84	544508	41.772	ng/ul	0.00
7) Phenol-d5	6.728	99	605217	45.372	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.863	67	372959	40.889	ng/ul	0.00
11) 2-Chlorophenol-d4	7.063	132	478740	46.380	ng/ul	0.01
15) 4-Methylphenol-d8	8.245	113	439163	44.936	ng/ul	0.02
21) Nitrobenzene-d5	8.657	128	206254	44.263	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	240791	47.375	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	481565	46.430	ng/ul	0.02
31) 4-Chloroaniline-d4	10.422	131	487467	36.640	ng/ul	0.00
46) Dimethylphthalate-d6	13.574	166	1212112	42.688	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	1454370	43.594	ng/ul	0.00
54) 4-Nitrophenol-d4	14.421	143	236970m	50.875	ng/ul	0.04
60) Fluorene-d10	15.151	176	1079237	43.221	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	208078	42.970	ng/ul	0.00
73) Anthracene-d10	17.003	188	1689967	44.040	ng/ul	0.00
81) Pyrene-d10	19.309	212	1945098	44.222	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.721	264	1944315	46.472	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.157	88	70748	15.175	ng/uL	96
5) Pyridine	3.534	79	557059	41.671	ng/ul	96
6) Benzaldehyde	6.669	77	28846	3.938	ng/ul	90
8) Phenol	6.757	94	633049	45.215	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.957	93	477371	41.811	ng/ul	97
12) 2-Chlorophenol	7.092	128	501005	47.001	ng/ul	98
13) 2-Methylphenol	7.981	108	446249	45.483	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.033	45	740159	42.085	ng/ul	98
16) Acetophenone	8.328	105	685467	42.178	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.316	70	376681	44.194	ng/ul	96
18) 4-Methylphenol	8.304	108	483767	45.684	ng/ul	100
19) Hexachloroethane	8.569	117	197481	42.166	ng/ul	98
22) Nitrobenzene	8.698	77	522313	41.967	ng/ul	100
23) Isophorone	9.222	82	962925	43.268	ng/ul	99
25) 2-Nitrophenol	9.404	139	257462	45.621	ng/ul	99
26) 2,4-Dimethylphenol	9.486	107	465172	44.791	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.704	93	595702	42.736	ng/ul	99
29) 2,4-Dichlorophenol	9.945	162	474552	45.514	ng/ul	98
30) Naphthalene	10.322	128	1382422	42.630	ng/ul	99
32) 4-Chloroaniline	10.445	127	268137	21.063	ng/ul	98
33) Hexachlorobutadiene	10.610	225	333268	42.640	ng/ul	99
34) Caprolactam	11.227	113	121420m	42.216	ng/ul	
35) 4-Chloro-3-methylphenol	11.604	107	423192	46.978	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.939	142	960461	43.427	ng/ul	99
37) 1-Methylnaphthalene	12.163	142	958777	43.974	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.321	216	607149	42.533	ng/ul	99
40) Hexachlorocyclopentadiene	12.298	237	283968	33.909	ng/ul	99
41) 2,4,6-Trichlorophenol	12.580	196	386372	45.896	ng/ul	97
42) 2,4,5-Trichlorophenol	12.668	196	412436	46.614	ng/ul	96
43) 1,1'-Biphenyl	12.974	154	1249006	42.509	ng/ul	99
44) 2-Chloronaphthalene	13.010	162	1027218	43.121	ng/ul	99
45) 2-Nitroaniline	13.233	65	276126	46.143	ng/ul	98
47) Dimethylphthalate	13.621	163	1208807	42.855	ng/ul	100
48) 2,6-Dinitrotoluene	13.739	165	244693	48.235	ng/ul	96
50) Acenaphthylene	13.868	152	1478556	43.138	ng/ul	100
51) 3-Nitroaniline	14.074	138	217603	43.182	ng/ul	96
52) Acenaphthene	14.215	153	1053567	43.054	ng/ul	99
53) 2,4-Dinitrophenol	14.280	184	131755	42.004	ng/ul	94
55) 4-Nitrophenol	14.439	109	151237	44.376	ng/ul	97
56) Dibenzofuran	14.551	168	1502793	43.071	ng/ul	99
57) 2,4-Dinitrotoluene	14.533	165	361333	47.632	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.792	232	328357	45.570	ng/ul	97
59) Diethylphthalate	14.998	149	1165419	43.524	ng/ul	99
61) Fluorene	15.209	166	1235493	43.820	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.209	204	663557	43.389	ng/ul	95
63) 4-Nitroaniline	15.245	138	243251m	52.275	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.298	198	228614	43.074	ng/ul#	98
67) N-Nitrosodiphenylamine	15.427	169	1012391	44.195	ng/ul	97
68) 4-Bromophenyl-phenylether	16.104	248	394579	44.969	ng/ul	96
69) Hexachlorobenzene	16.209	284	449083	44.322	ng/ul	98
70) Atrazine	16.392	200	362383	40.190	ng/ul	99
71) Pentachlorophenol	16.568	266	247420	38.780	ng/ul	99
72) Phenanthrene	16.945	178	1887654	43.639	ng/ul	100
74) Anthracene	17.039	178	1916225	43.980	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.933	216	587544	42.303	ng/uL	100
76) Pentachlorobenzene	14.474	250	546978	41.187	ng/uL	98
77) Carbazole	17.315	167	1665590	42.772	ng/ul	100
78) Di-n-butylphthalate	17.892	149	1997831	44.917	ng/ul	99
80) Fluoranthene	18.974	202	2230723	44.404	ng/ul	100
82) Pyrene	19.339	202	2396812	44.341	ng/ul	99
83) Butylbenzylphthalate	20.262	149	866790	47.615	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.056	252	671024	46.970	ng/ul	98
85) Benzo(a)anthracene	21.115	228	2327076	44.029	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.068	149	1293372	48.353	ng/ul	99
87) Chrysene	21.174	228	2170411	44.218	ng/ul	100
89) Di-n-octyl phthalate	22.127	149	2122082	44.224	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	2340852	46.038	ng/ul	99
91) Benzo(k)fluoranthene	23.097	252	2259395	43.975	ng/ul	99
93) Benzo(a)pyrene	23.785	252	2171920	45.535	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.997	276	2848961	48.189	ng/ul	99
95) Dibenzo(a,h)anthracene	27.044	278	2308201	48.182	ng/ul	100
96) Benzo(g,h,i)perylene	27.956	276	2201237	48.970	ng/ul	99

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

Instrument :
BNA_M
ClientSampleId :
SLCS307

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049517.D
Acq On : 29 Jan 2025 23:30
Operator : RC/JU
Sample : PB166307BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 30 08:26:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS307

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025