Quantitation Report (QT Reviewed)

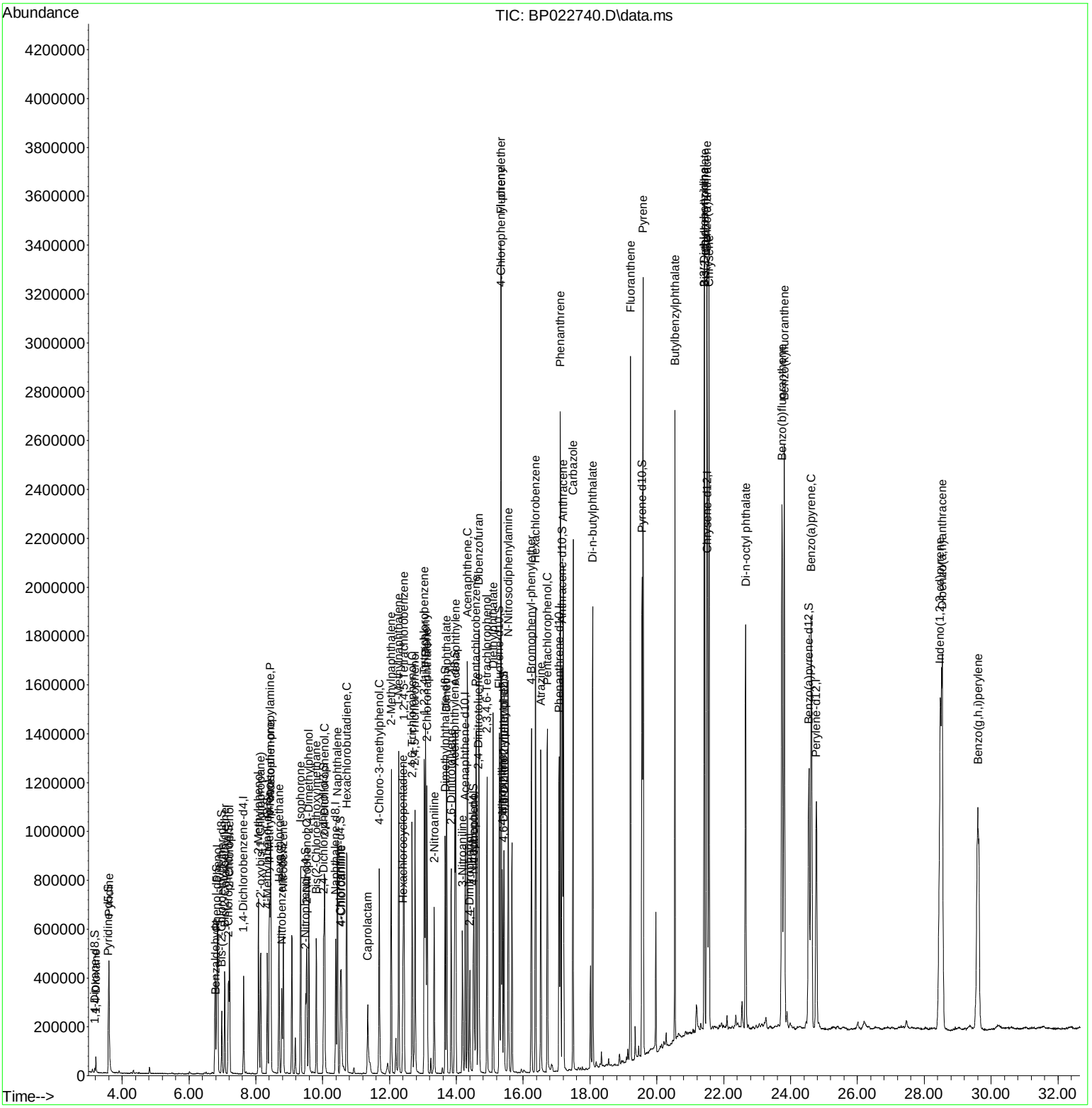
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022740.D
Acq On : 30 Oct 2024 17:48
Operator : RC/JU
Sample : P4492-05MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 04 01:34:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4F29MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022740.D
Acq On : 30 Oct 2024 17:48
Operator : RC/JU
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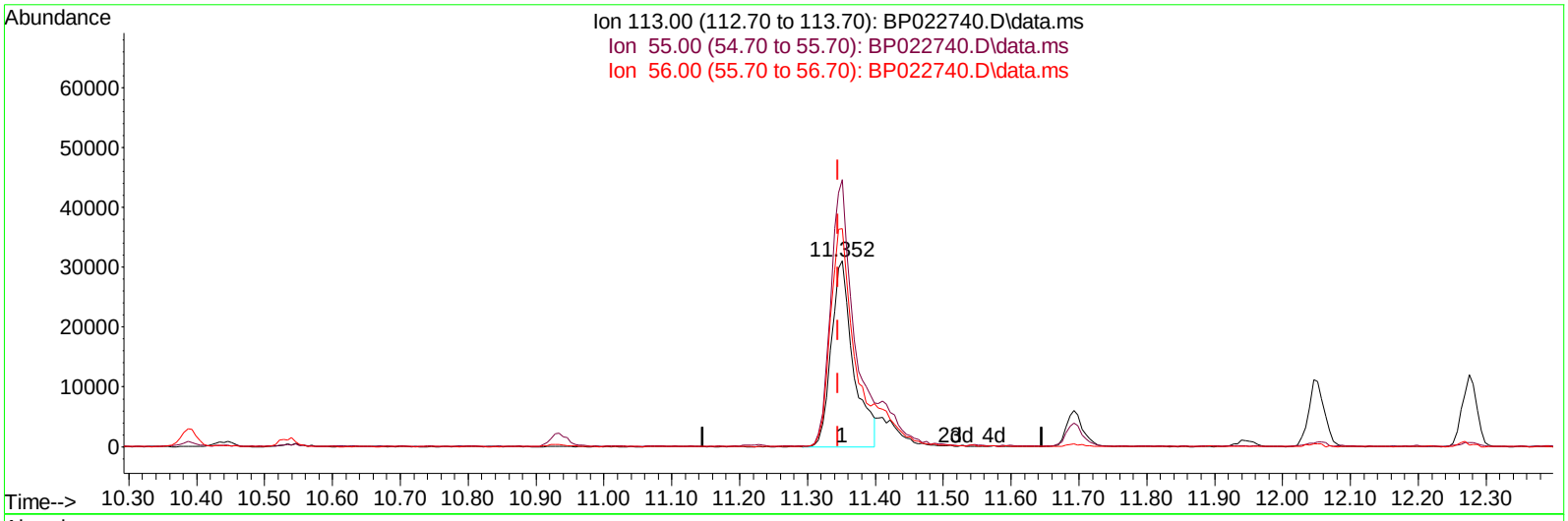

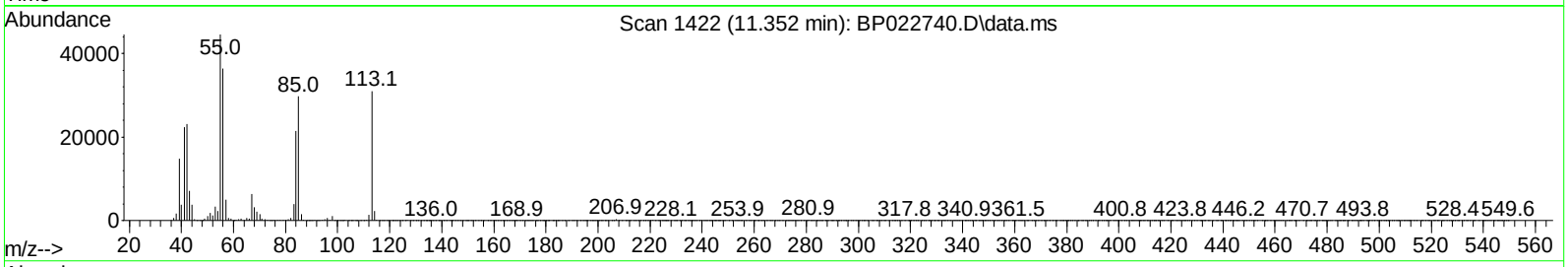

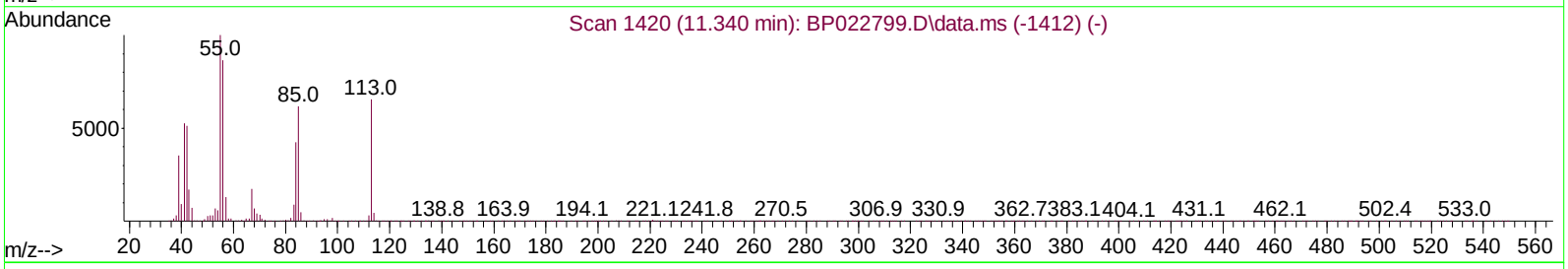

TIC: BP022740.D\data.ms

(34) Caprolactam

11.352min (+ 0.006) 28.59 ng/ul

response 70217

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	143.61
56.00	130.00	117.18
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
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Acq On : 30 Oct 2024 17:48
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Manual IntegrationsAPPROVED

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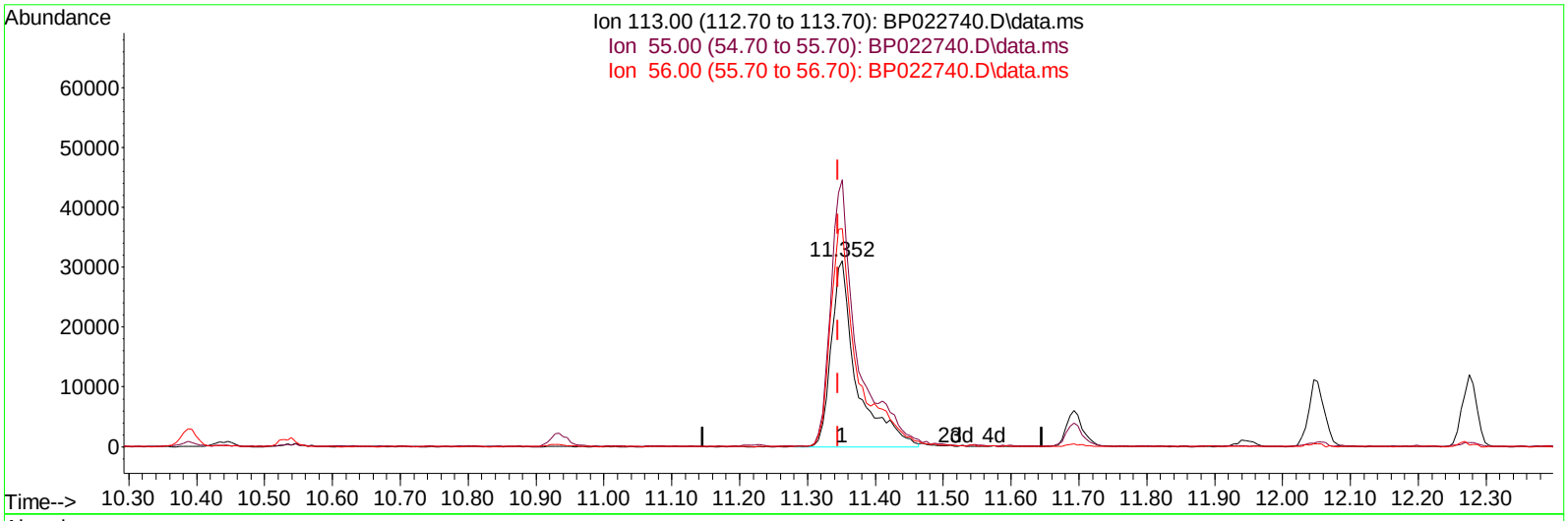

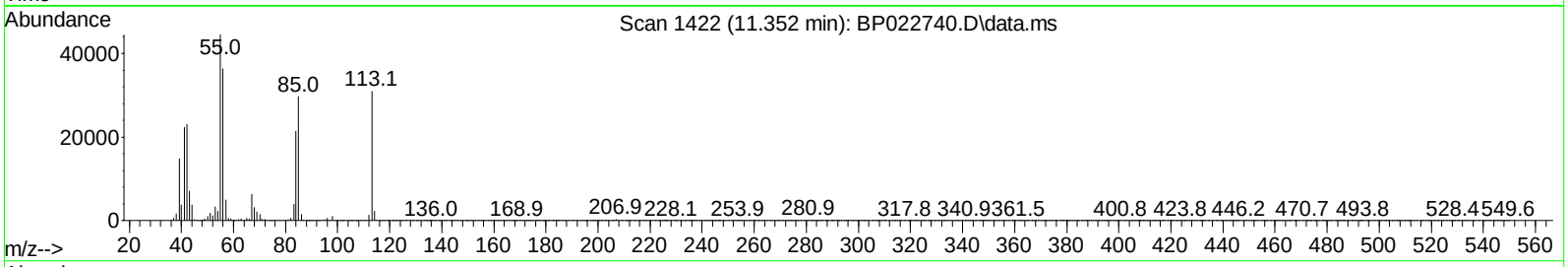

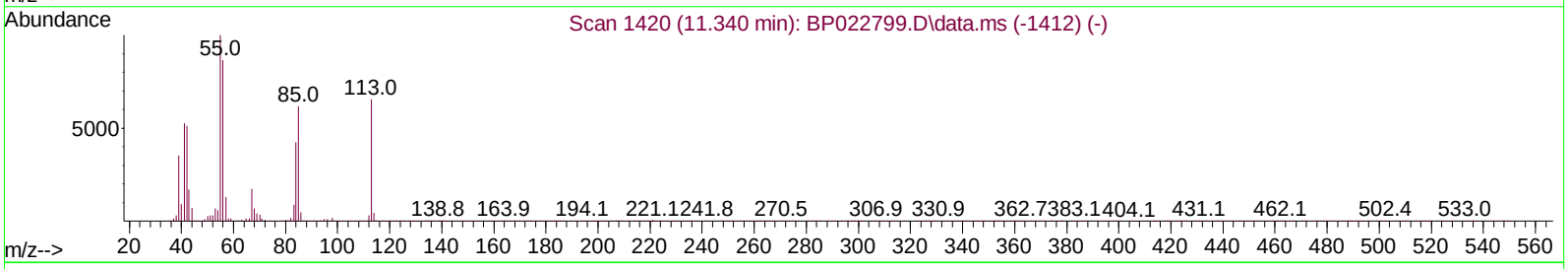

TIC: BP022740.D\data.ms

(34) Caprolactam

11.352min (+ 0.006) 32.87 ng/ul m

response 80731

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	143.61
56.00	130.00	117.18
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022740.D
Acq On : 30 Oct 2024 17:48
Operator : RC/JU
Sample : P4492-05MSD
Misc :
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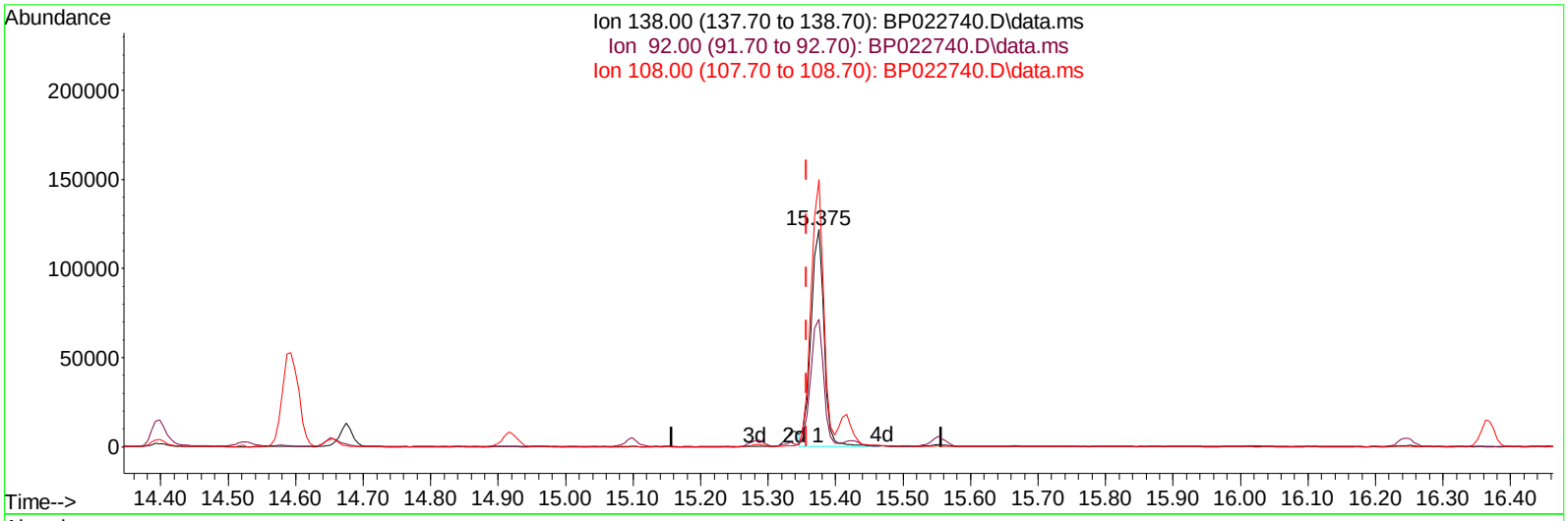
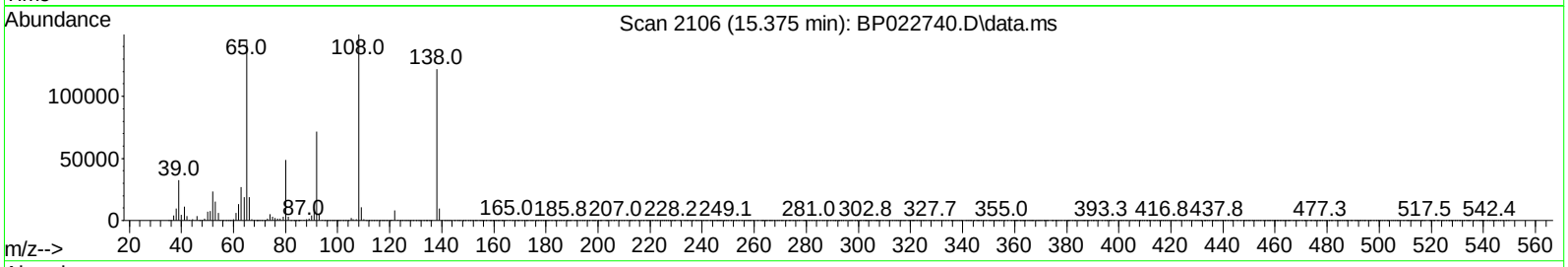
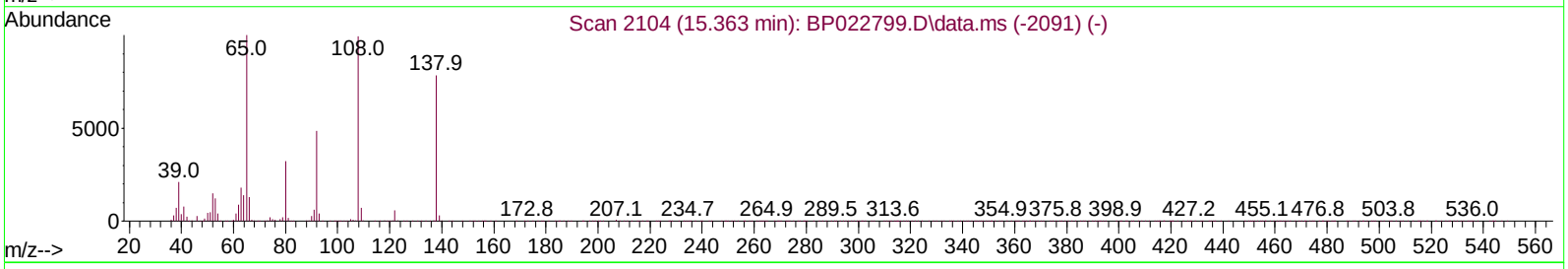






TIC: BP022740.D\data.ms

(63) 4-Nitroaniline

15.375min (+ 0.018) 36.42 ng/ul

response 163917

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.40	58.57
108.00	113.30	122.81
0.00	0.00	0.00

Quantitation Report (Qedit)

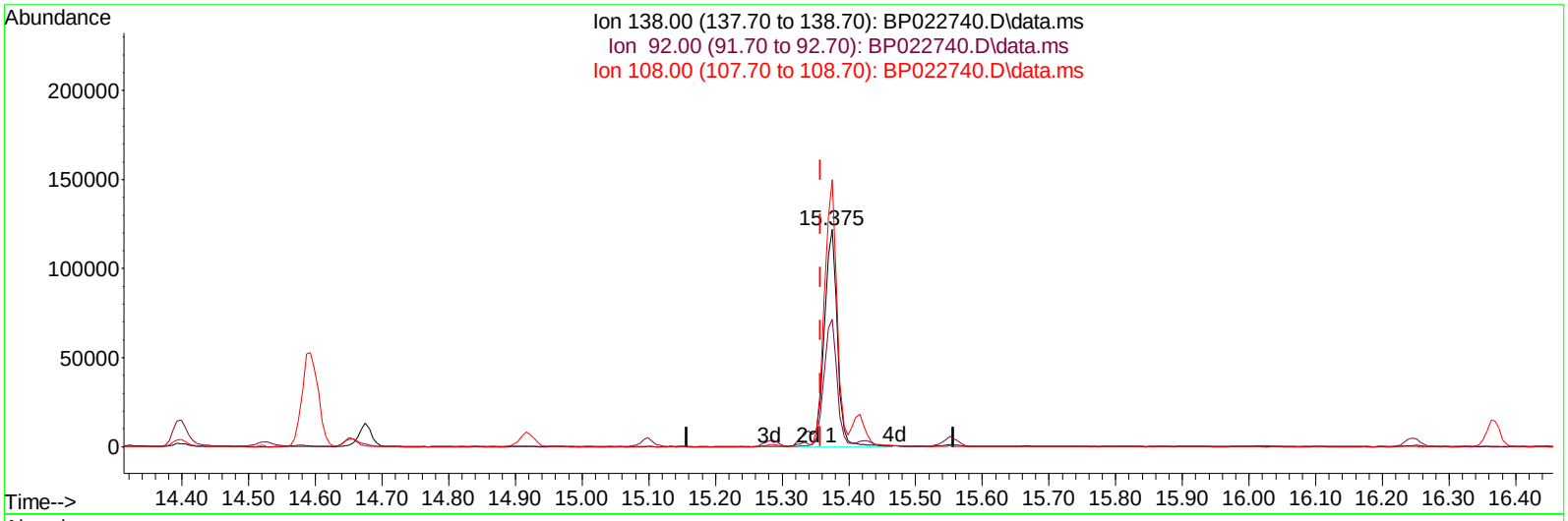
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022740.D
Acq On : 30 Oct 2024 17:48
Operator : RC/JU
Sample : P4492-05MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

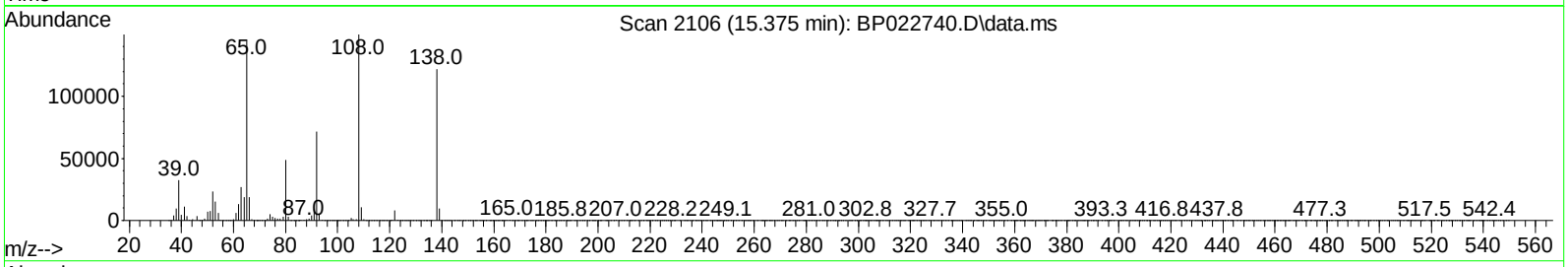
Quant Time: Oct 31 11:35:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

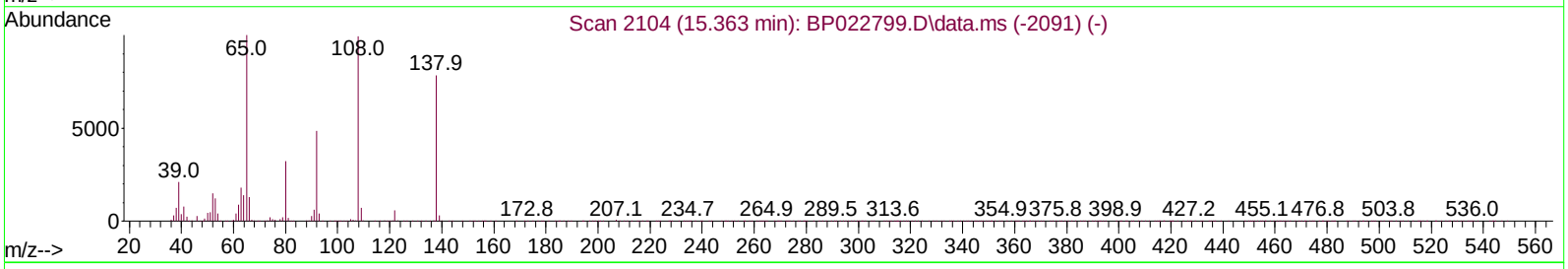
Instrument :
BNA_P
ClientSampleId :
A4F29MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024







TIC: BP022740.D\data.ms

(63) 4-Nitroaniline

15.375min (+ 0.018) 39.19 ng/ul m

response 176398

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.40	58.57
108.00	113.30	122.81
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022740.D
Acq On : 30 Oct 2024 17:48
Operator : RC/JU
Sample : P4492-05MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 31 11:35:53 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4F29MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024
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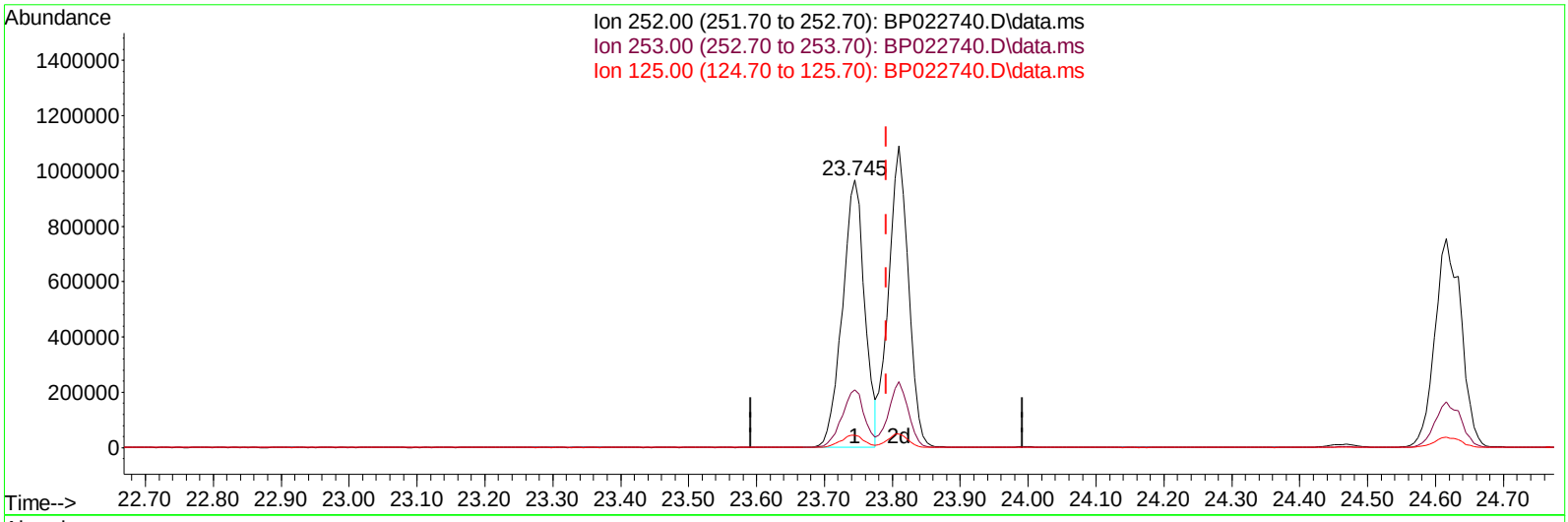
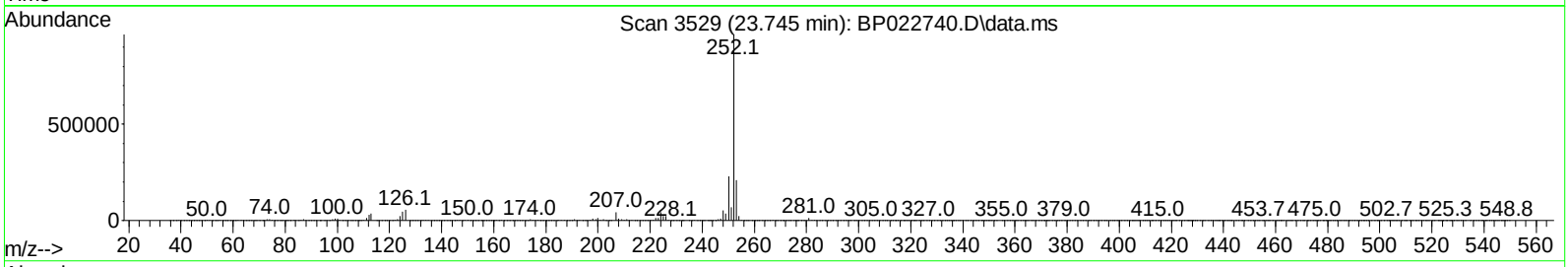
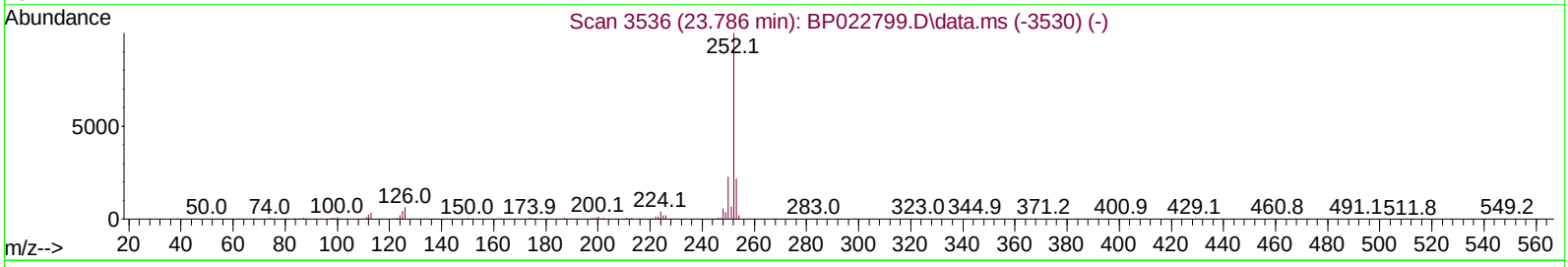






TIC: BP022740.D\data.ms

(91) Benzo(k)fluoranthene

23.745min (-0.047) 36.09 ng/ul

response 2208175

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	21.54
125.00	5.70	4.74
0.00	0.00	0.00

Quantitation Report (Qedit)

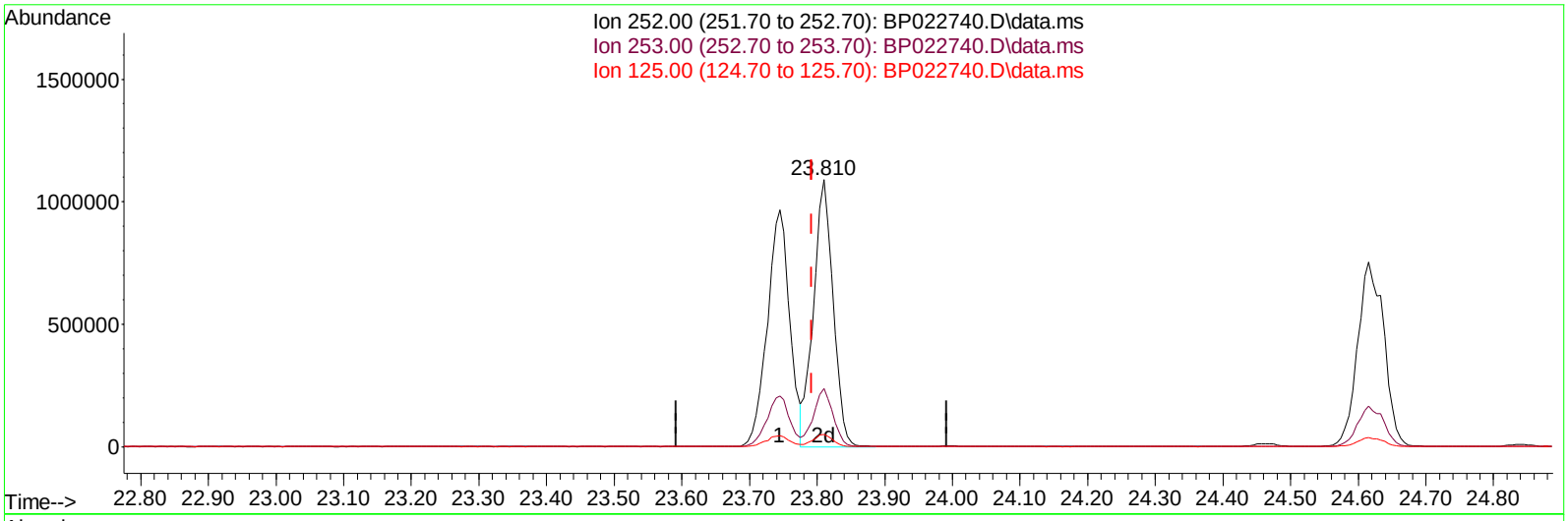
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022740.D
Acq On : 30 Oct 2024 17:48
Operator : RC/JU
Sample : P4492-05MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

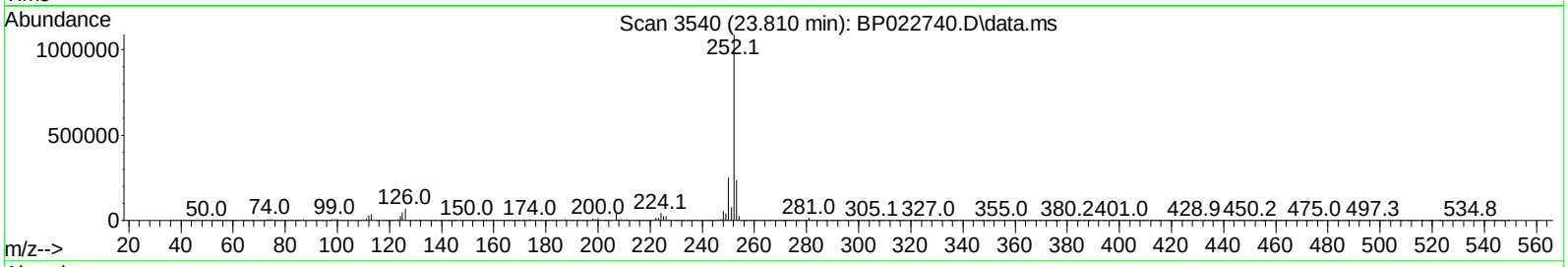
Quant Time: Oct 31 11:35:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

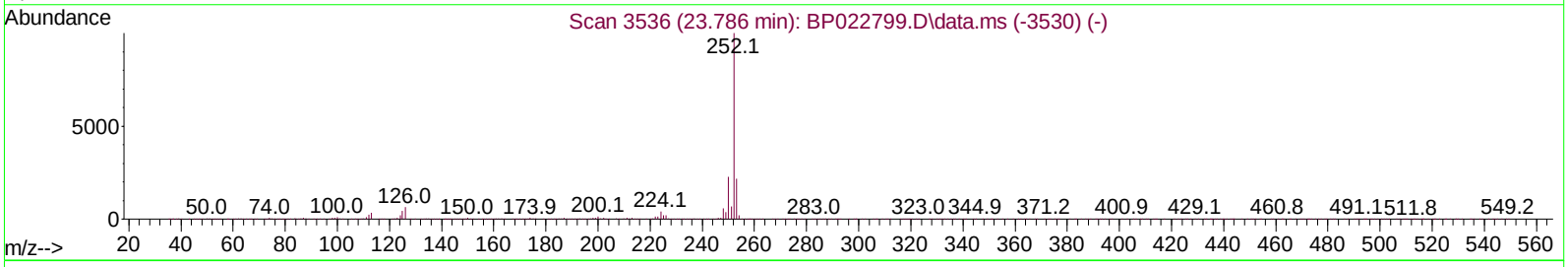
Instrument :
BNA_P
ClientSampleId :
A4F29MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024







TIC: BP022740.D\data.ms

(91) Benzo(k)fluoranthene

23.810min (+ 0.018) 36.16 ng/ul m

response 2212478

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	21.87
125.00	5.70	4.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022740.D
Acq On : 30 Oct 2024 17:48
Operator : RC/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 31 11:35:53 2024
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Instrument :
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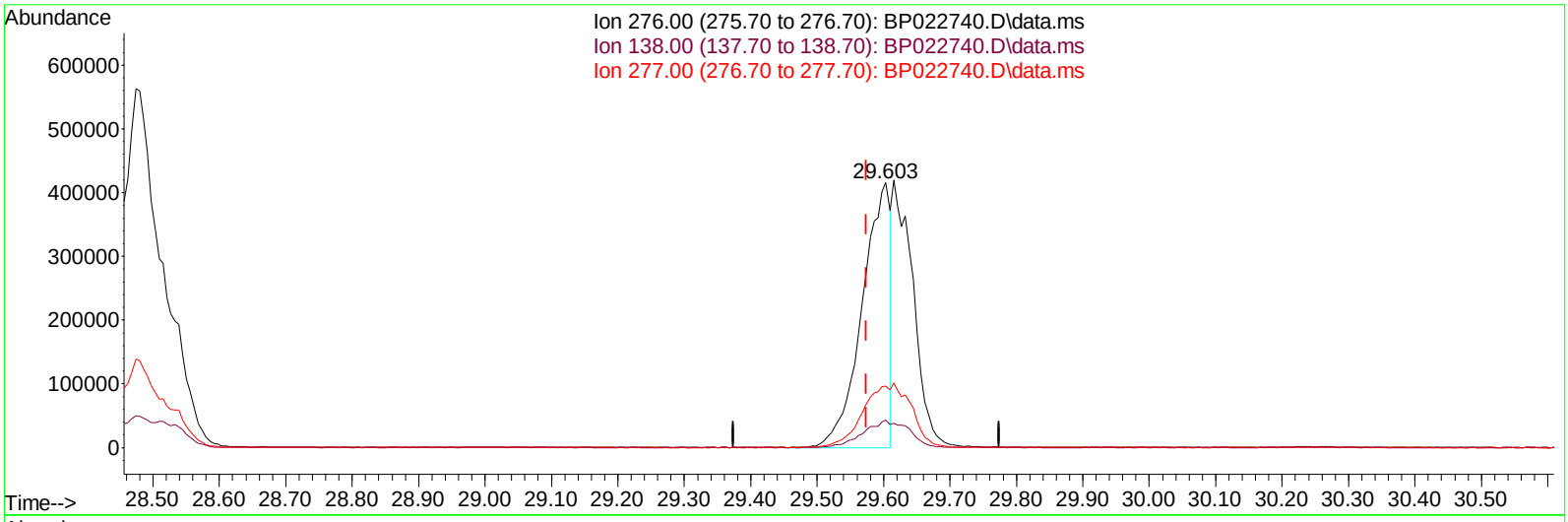

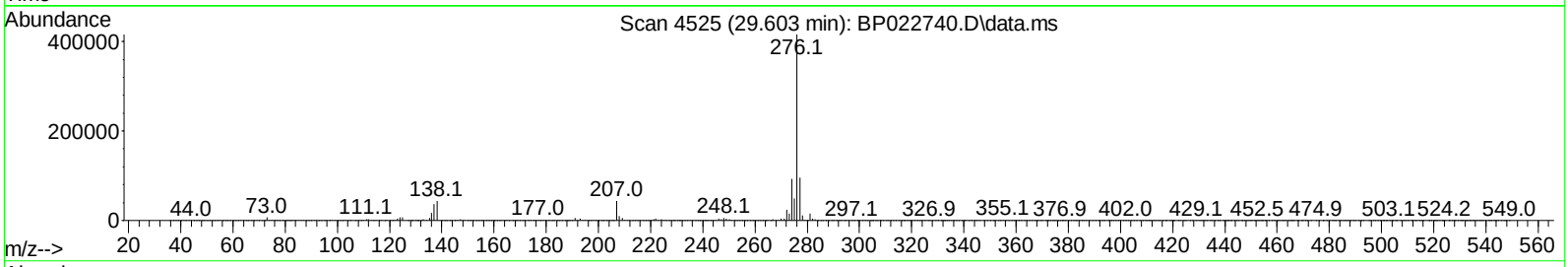

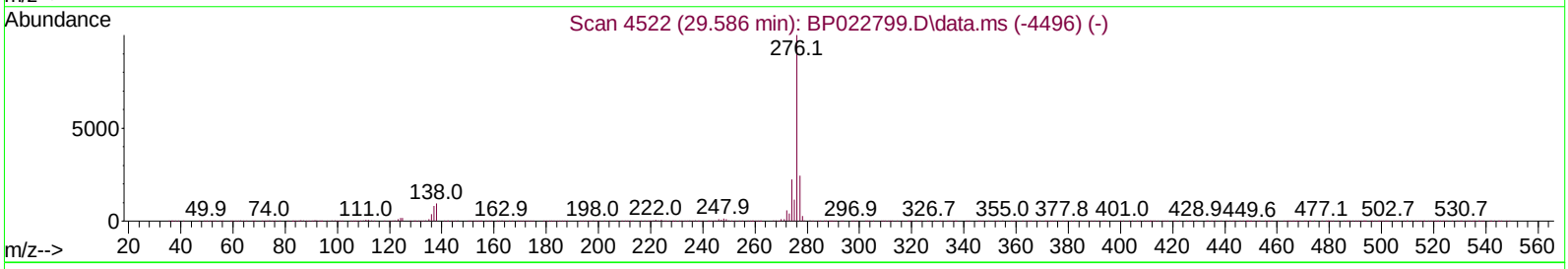

TIC: BP022740.D\data.ms

(96) Benzo(g,h,i)perylene

29.603min (+ 0.029) 20.23 ng/ul

response 1207761

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	10.42
277.00	23.70	23.12
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022740.D
Acq On : 30 Oct 2024 17:48
Operator : RC/JU
Sample : P4492-05MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 31 11:35:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
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Instrument :
BNA_P
ClientSampleId :
A4F29MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024
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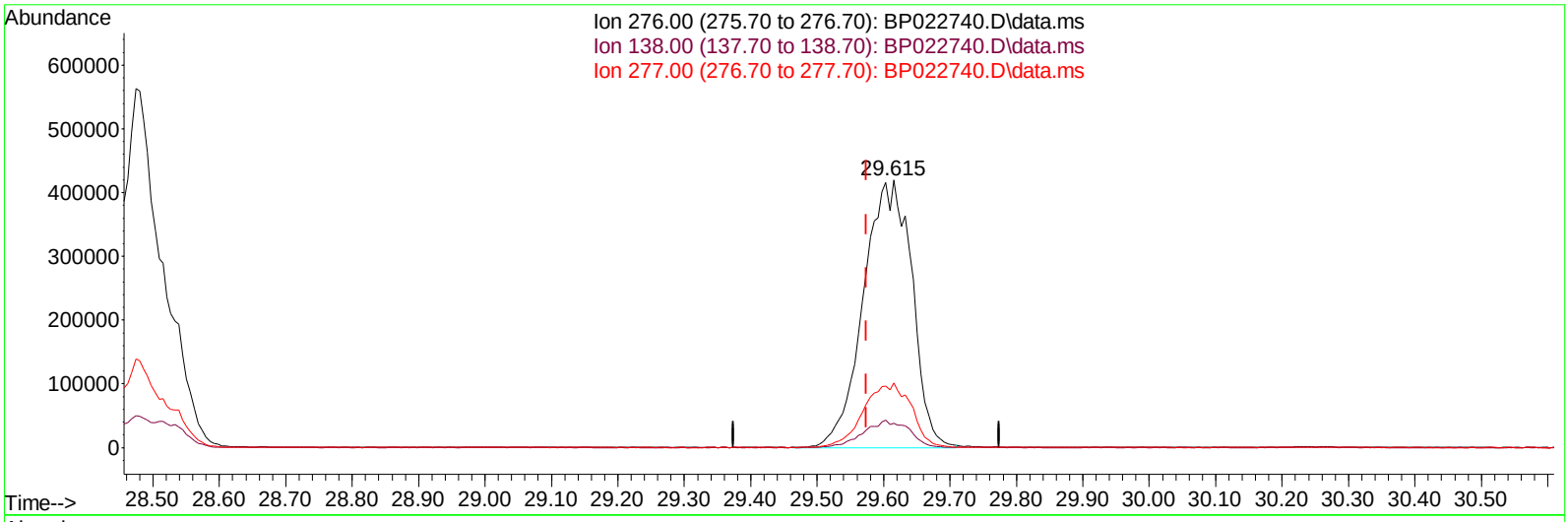

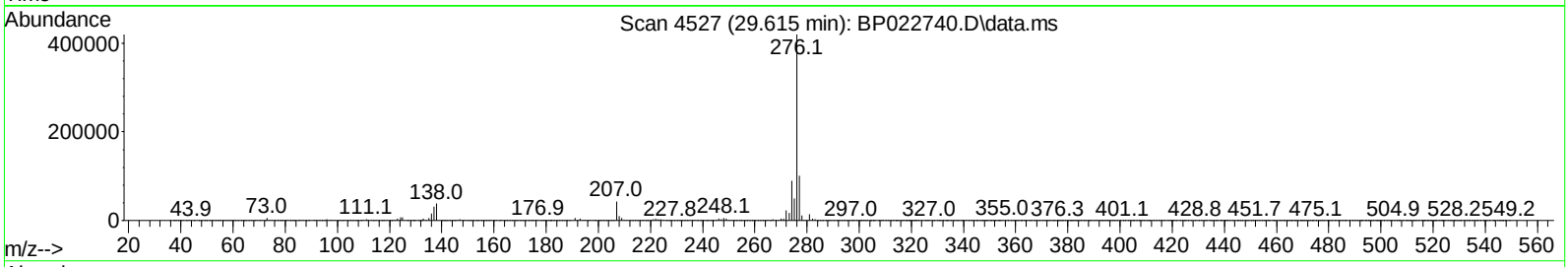

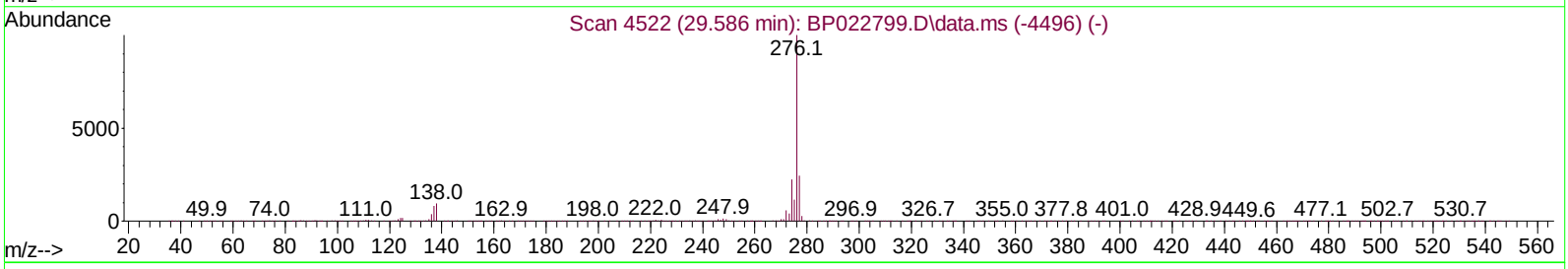

TIC: BP022740.D\data.ms

(96) Benzo(g,h,i)perylene

29.615min (+ 0.041) 35.46 ng/ul m

response 2117173

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	9.13
277.00	23.70	24.09
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022740.D
Acq On : 30 Oct 2024 17:48
Operator : RC/JU
Sample : P4492-05MSD
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Quant Time: Nov 04 01:34:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
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Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	107273	20.000	ng/ul	0.00
20) Naphthalene-d8	10.387	136	408921	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	318018	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	766689	20.000	ng/ul	0.01
79) Chrysene-d12	21.516	240	836115	20.000	ng/ul	0.02
88) Perylene-d12	24.768	264	992925	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	8800	3.188	ng/uL	0.00
4) Pyridine-d5	3.587	84	131589	17.364	ng/ul	0.00
7) Phenol-d5	6.828	99	207035	22.928	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	111448	20.999	ng/ul	0.00
11) 2-Chlorophenol-d4	7.181	132	154051	24.043	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	172281	23.907	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	74215	23.604	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	91138	25.037	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.028	165	202063	26.117	ng/ul	0.00
31) 4-Chloroaniline-d4	10.534	131	182140	19.924	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	613497	24.280	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	660083	24.596	ng/ul	0.00
54) 4-Nitrophenol-d4	14.510	143	92214	21.754	ng/ul	0.00
60) Fluorene-d10	15.287	176	552388	25.205	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.416	200	111649	22.142	ng/ul	0.01
73) Anthracene-d10	17.163	188	923683	25.610	ng/ul	0.00
81) Pyrene-d10	19.557	212	1165106	26.351	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.551	264	1378735	26.000	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	30976	10.436	ng/uL	95
5) Pyridine	3.605	79	225358	29.002	ng/ul	99
6) Benzaldehyde	6.799	77	30080	6.164	ng/ul	94
8) Phenol	6.858	94	327532	34.863	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.069	93	228026	32.431	ng/ul	97
12) 2-Chlorophenol	7.211	128	234342	35.369	ng/ul	98
13) 2-Methylphenol	8.075	108	236029	34.618	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.146	45	254387	31.131	ng/ul	97
16) Acetophenone	8.446	105	384378	32.309	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.434	70	195978	32.514	ng/ul	97
18) 4-Methylphenol	8.405	108	256407	33.900	ng/ul	97
19) Hexachloroethane	8.693	117	102593	33.248	ng/ul	98
22) Nitrobenzene	8.822	77	309957	33.026	ng/ul	97
23) Isophorone	9.340	82	547198	32.518	ng/ul	98
25) 2-Nitrophenol	9.522	139	142466	36.315	ng/ul	97
26) 2,4-Dimethylphenol	9.587	107	277082	32.494	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.810	93	313613	32.823	ng/ul	98
29) 2,4-Dichlorophenol	10.057	162	280942	36.874	ng/ul	98
30) Naphthalene	10.440	128	738539	33.909	ng/ul	98
32) 4-Chloroaniline	10.557	127	189819	21.035	ng/ul	95
33) Hexachlorobutadiene	10.716	225	226613	35.290	ng/ul	98
34) Caprolactam	11.352	113	80731m	32.867	ng/ul	
35) 4-Chloro-3-methylphenol	11.693	107	301823	36.309	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022740.D
Acq On : 30 Oct 2024 17:48
Operator : RC/JU
Sample : P4492-05MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 04 01:34:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4F29MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.051	142	563495	35.245	ng/ul	97
37) 1-Methylnaphthalene	12.275	142	553297	33.906	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.428	216	422147	35.900	ng/ul	94
40) Hexachlorocyclopentadiene	12.404	237	129013	18.008	ng/ul	99
41) 2,4,6-Trichlorophenol	12.675	196	273625	36.993	ng/ul	97
42) 2,4,5-Trichlorophenol	12.763	196	296154	37.603	ng/ul	99
43) 1,1'-Biphenyl	13.081	154	794783	34.673	ng/ul	98
44) 2-Chloronaphthalene	13.122	162	646997	34.479	ng/ul	98
45) 2-Nitroaniline	13.334	65	194306	34.679	ng/ul	95
47) Dimethylphthalate	13.710	163	829247	32.936	ng/ul	100
48) 2,6-Dinitrotoluene	13.845	165	180692	37.942	ng/ul	94
50) Acenaphthylene	13.975	152	951164	34.150	ng/ul	99
51) 3-Nitroaniline	14.181	138	154055	34.442	ng/ul	96
52) Acenaphthene	14.328	153	695243	35.300	ng/ul	98
53) 2,4-Dinitrophenol	14.398	184	101845	29.067	ng/ul	94
55) 4-Nitrophenol	14.522	109	161292	34.284	ng/ul	93
56) Dibenzofuran	14.675	168	1034572	34.970	ng/ul	99
57) 2,4-Dinitrotoluene	14.651	165	272949	36.884	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.916	232	267645	36.408	ng/ul	97
59) Diethylphthalate	15.098	149	812104	33.620	ng/ul	99
61) Fluorene	15.340	166	830851	34.467	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.334	204	479206	34.763	ng/ul	98
63) 4-Nitroaniline	15.375	138	176398m	39.193	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	169954	31.291	ng/ul#	98
67) N-Nitrosodiphenylamine	15.551	169	710508	34.606	ng/ul	100
68) 4-Bromophenyl-phenylether	16.245	248	334477	36.177	ng/ul	97
69) Hexachlorobenzene	16.369	284	422667	37.140	ng/ul	95
70) Atrazine	16.528	200	311049	36.447	ng/ul	94
71) Pentachlorophenol	16.722	266	267296	36.528	ng/ul	100
72) Phenanthrene	17.110	178	1451369	35.383	ng/ul	99
74) Anthracene	17.198	178	1399337	34.185	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.040	216	418329	35.835	ng/uL	97
76) Pentachlorobenzene	14.593	250	439788	34.079	ng/uL	99
77) Carbazole	17.492	167	1246920	34.426	ng/ul	99
78) Di-n-butylphthalate	18.081	149	1371413	34.220	ng/ul	99
80) Fluoranthene	19.210	202	1914887	37.672	ng/ul	98
82) Pyrene	19.586	202	1999175	36.695	ng/ul	98
83) Butylbenzylphthalate	20.539	149	656423	34.607	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.416	252	542757	27.232	ng/ul	97
85) Benzo(a)anthracene	21.492	228	2037798	34.766	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.422	149	945816	34.739	ng/ul	98
87) Chrysene	21.557	228	1909546	35.135	ng/ul	99
89) Di-n-octyl phthalate	22.657	149	1605014	33.983	ng/ul	100
90) Benzo(b)fluoranthene	23.745	252	2208175	35.330	ng/ul#	98
91) Benzo(k)fluoranthene	23.810	252	2212478m	36.156	ng/ul	
93) Benzo(a)pyrene	24.616	252	2027209	35.242	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.474	276	2746836	35.784	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.539	278	2197274	35.349	ng/ul#	98
96) Benzo(g,h,i)perylene	29.615	276	2117173m	35.459	ng/ul	

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