Quantitation Report (Qedit)

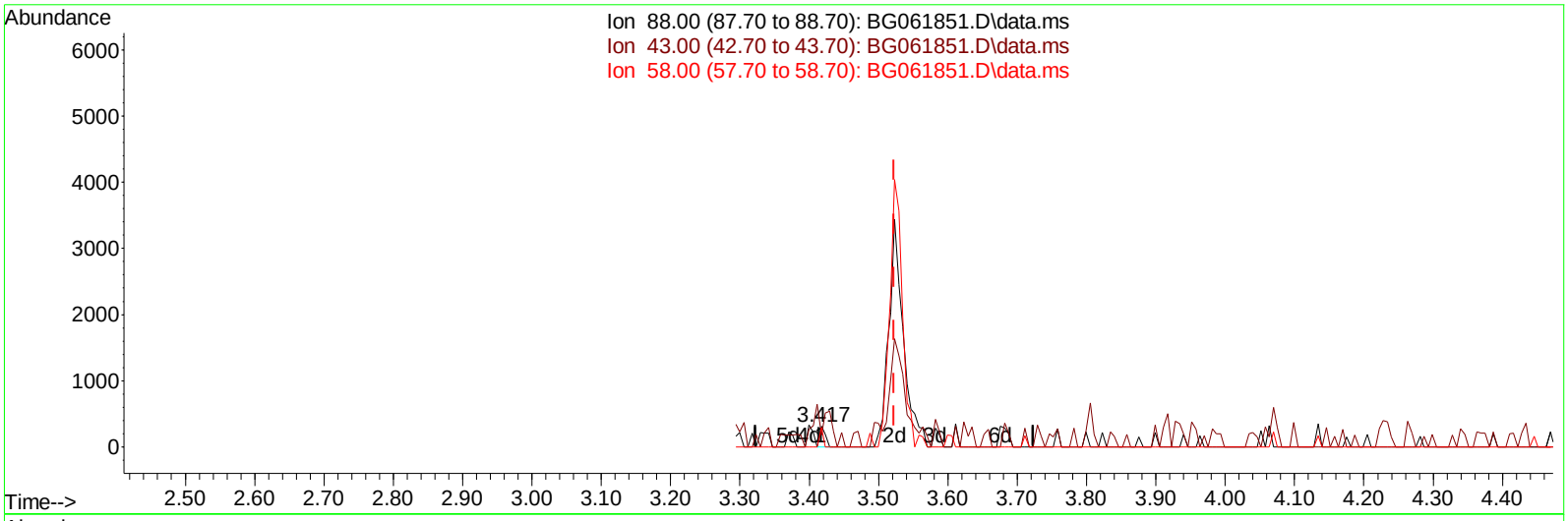
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070224\
Data File : BG061851.D
Acq On : 2 Jul 2024 19:19
Operator : MA/JU
Sample : SSTD01017
Misc :
ALS Vial : 3 Sample Multiplier: 1

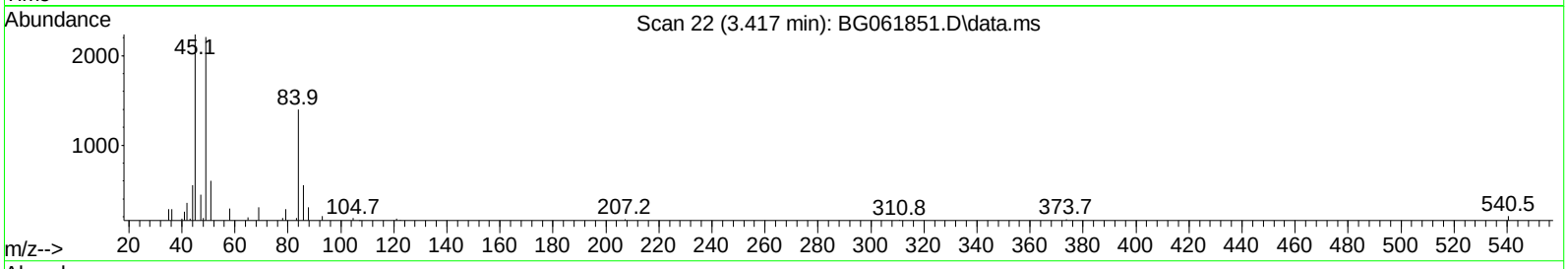
Quant Time: Jul 03 02:07:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:04:38 2024
Response via : Initial Calibration

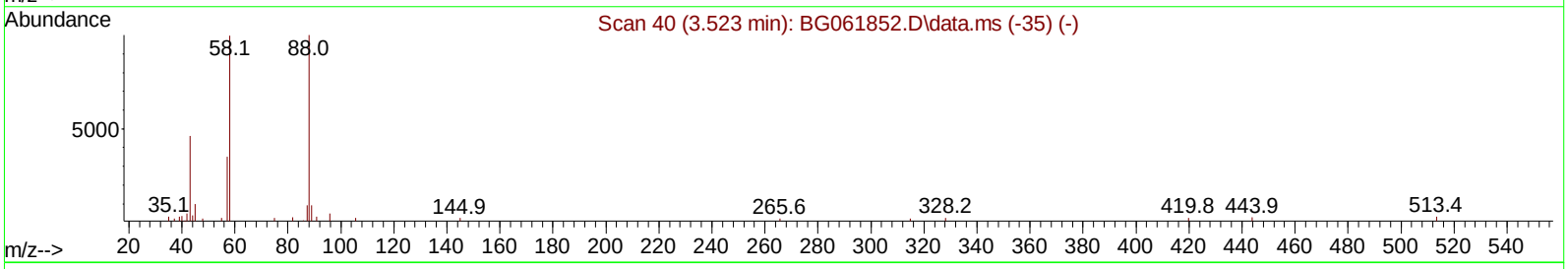
Instrument :
BNA_G
ClientSampleId :
SSTD010447

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024







TIC: BG061851.D\data.ms

(2) 1,4-Dioxane

3.417min (-0.106) 0.12 ng/uL

response 176

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	49.30	58.39
58.00	97.60	95.16
0.00	0.00	0.00

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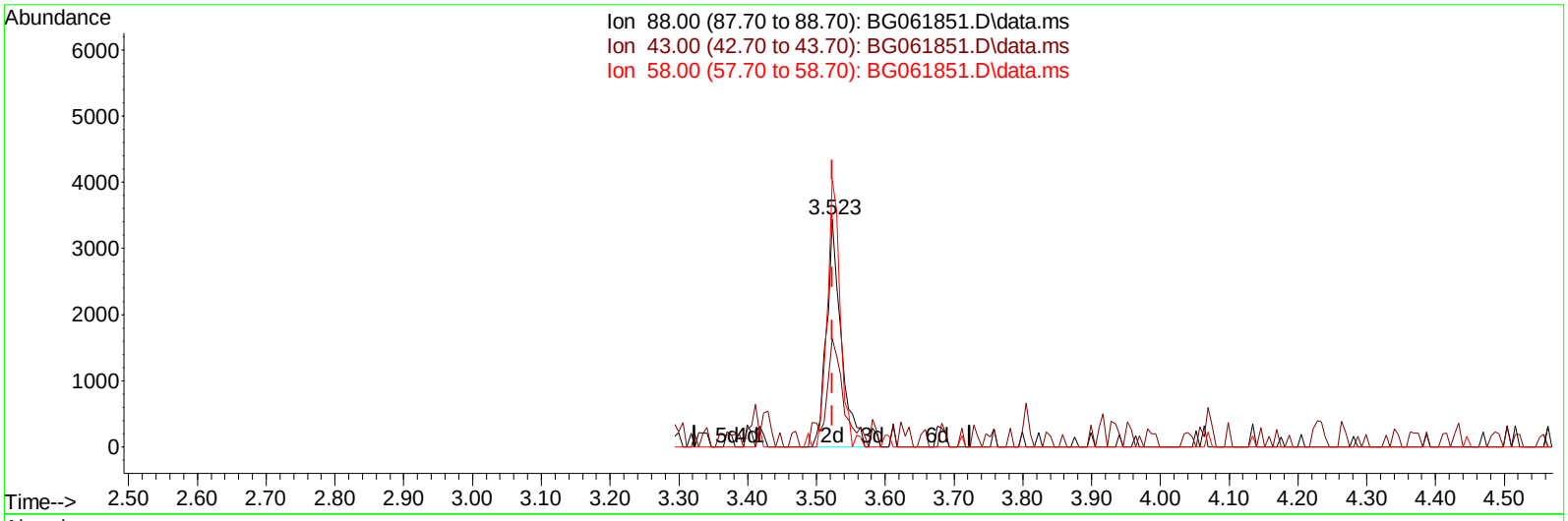

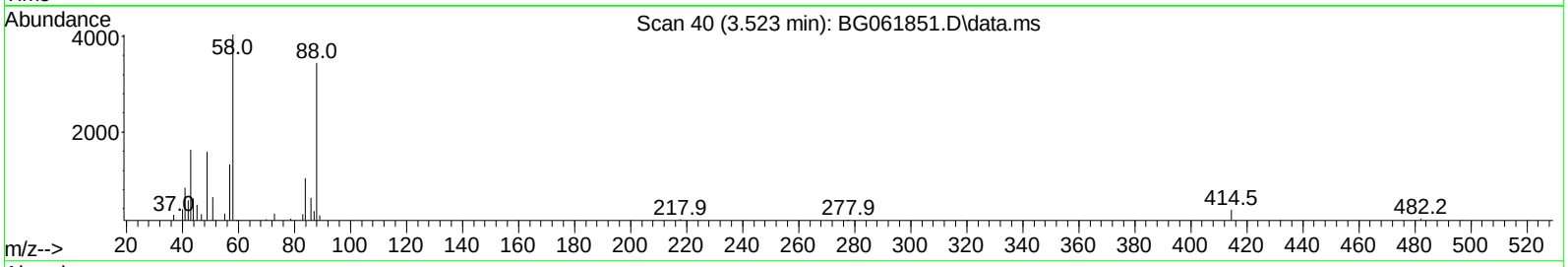

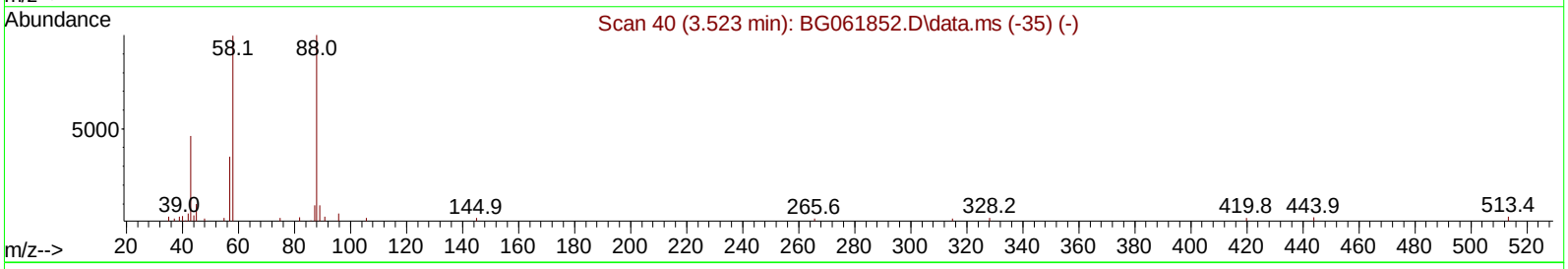

TIC: BG061851.D\data.ms

(2) 1,4-Dioxane

3.523min (+ 0.000) 3.42 ng/uL m

response 5061

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	49.30	47.34
58.00	97.60	117.24#
0.00	0.00	0.00

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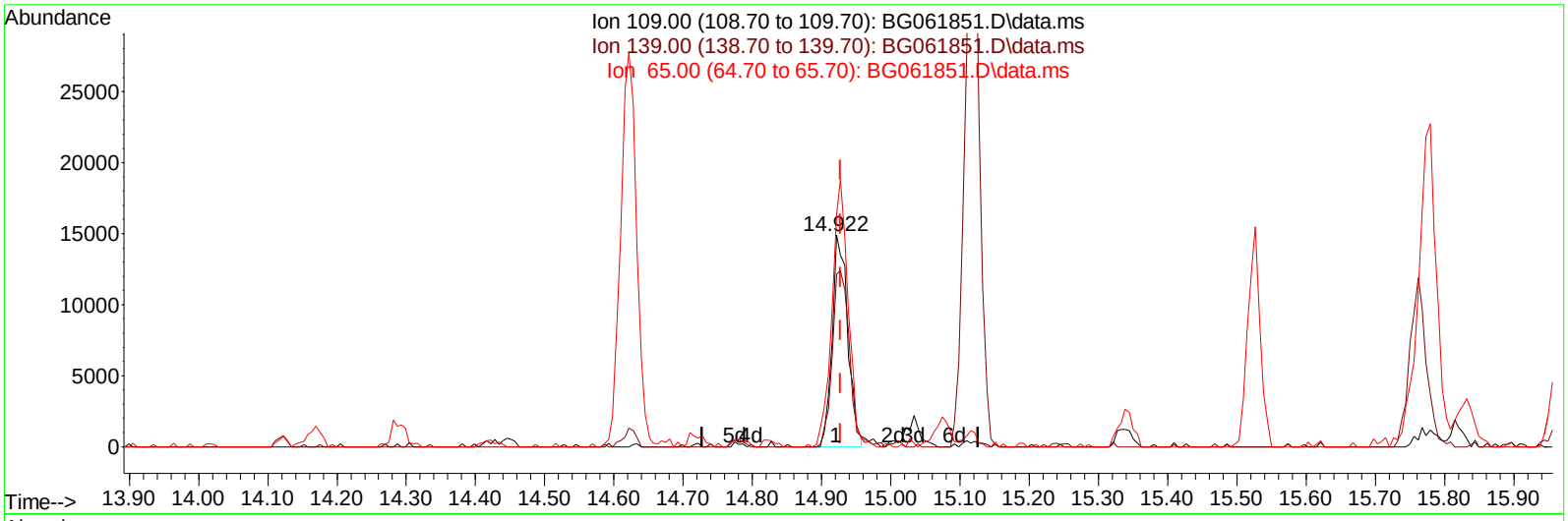

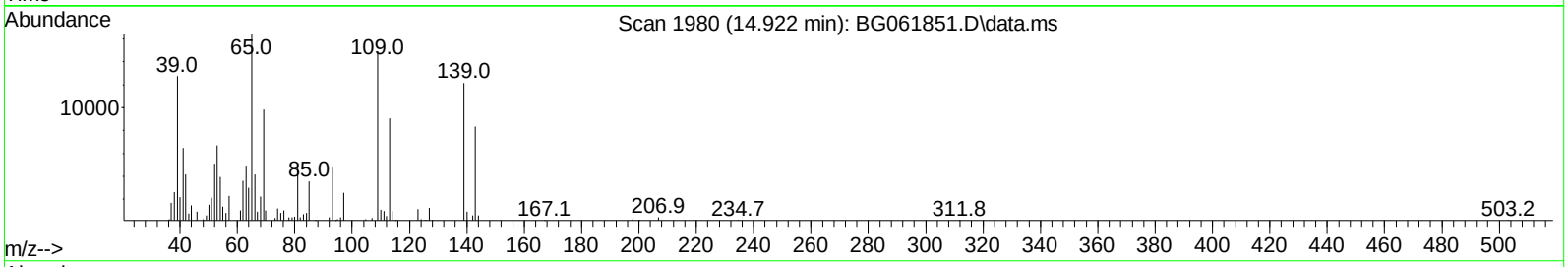

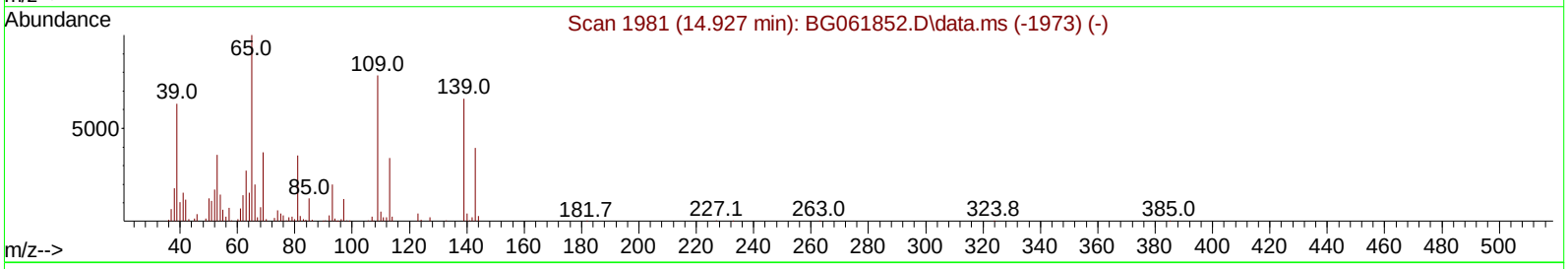

TIC: BG061851.D\data.ms

(55) 4-Nitrophenol

14.922min (-0.006) 10.08 ng/ul

response 23125

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	84.30	81.70
65.00	127.60	110.07
0.00	0.00	0.00

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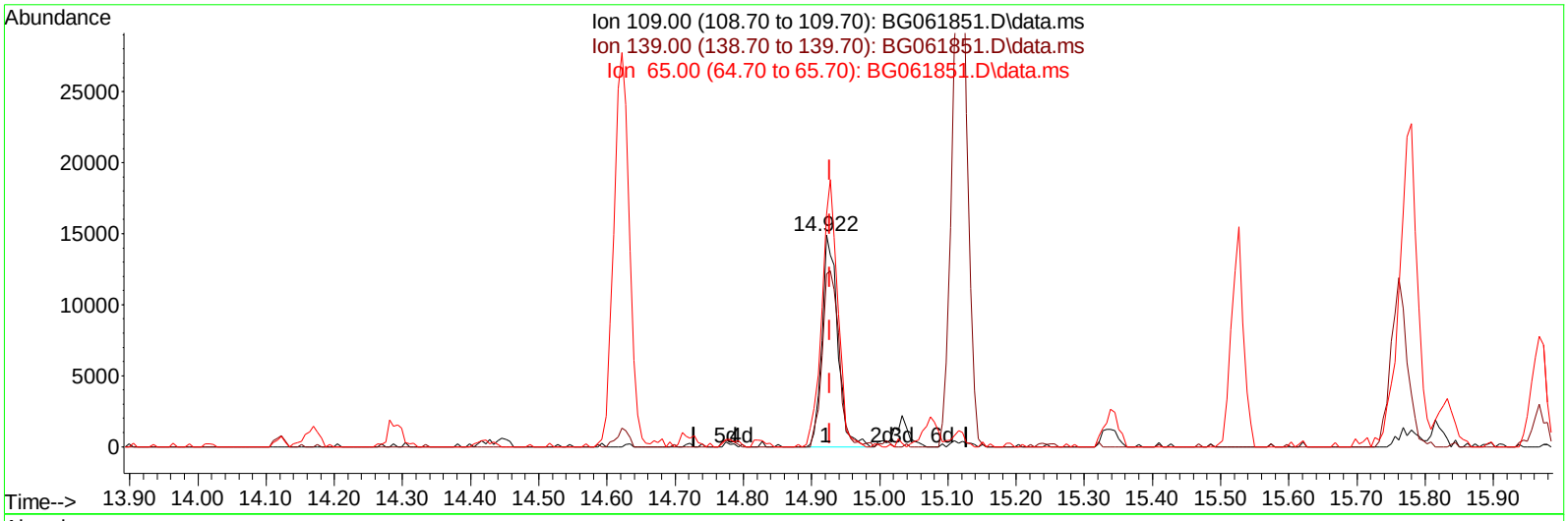

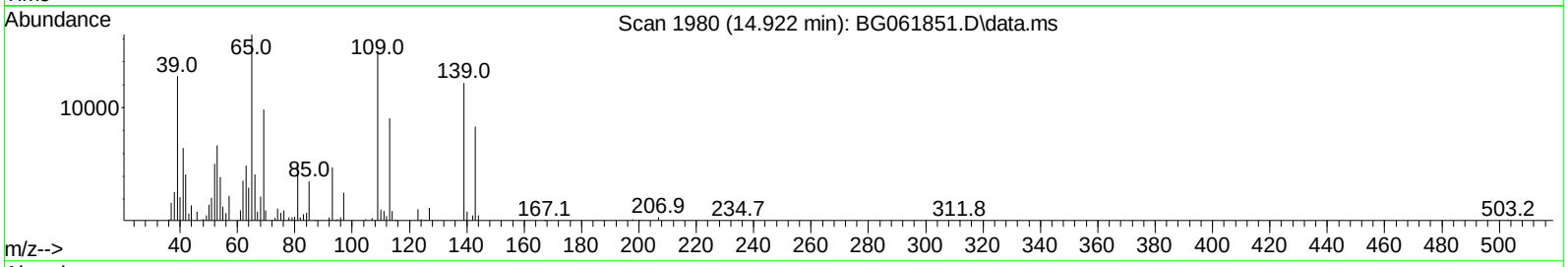

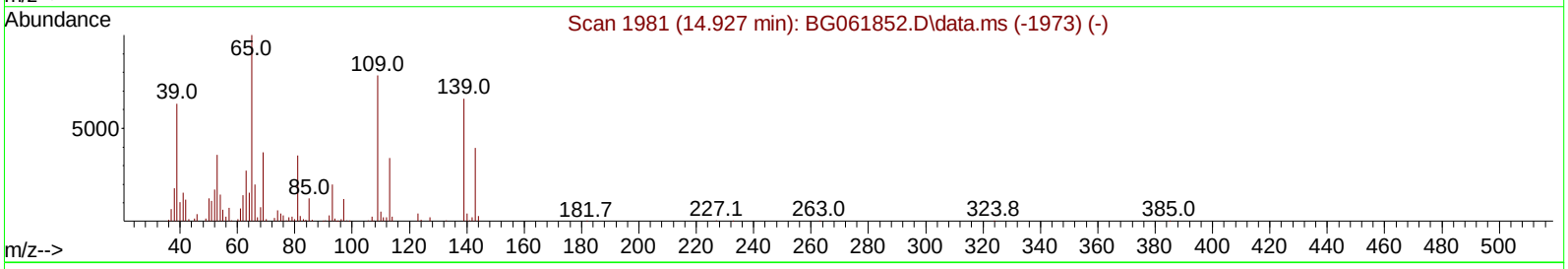

TIC: BG061851.D\data.ms

(55) 4-Nitrophenol

14.922min (-0.006) 10.35 ng/ul m

response 23748

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	84.30	81.70
65.00	127.60	110.07
0.00	0.00	0.00

Quantitation Report (Qedit)

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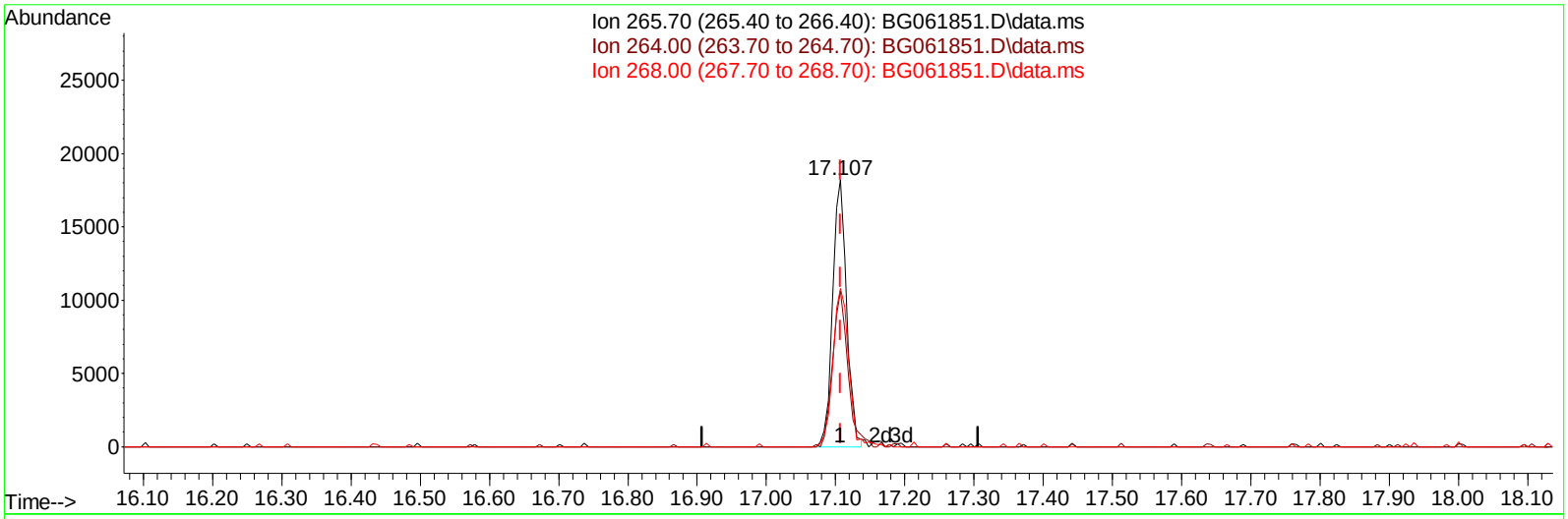

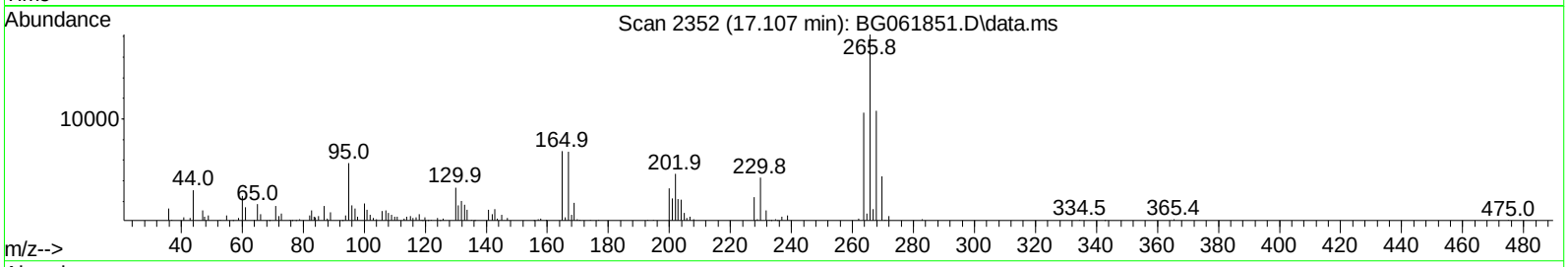

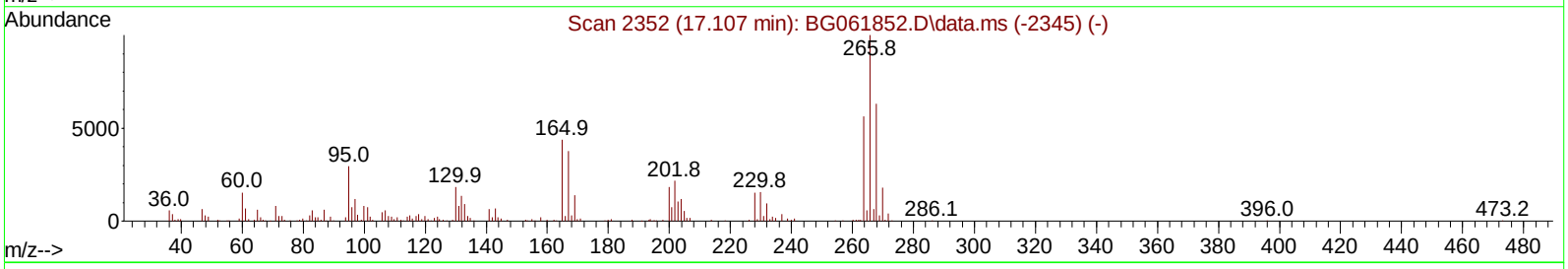

TIC: BG061851.D\data.ms

(71) Pentachlorophenol (C)

17.107min (+ 0.000) 8.06 ng/ul

response 25395

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	56.30	58.33
268.00	63.10	59.27
0.00	0.00	0.00

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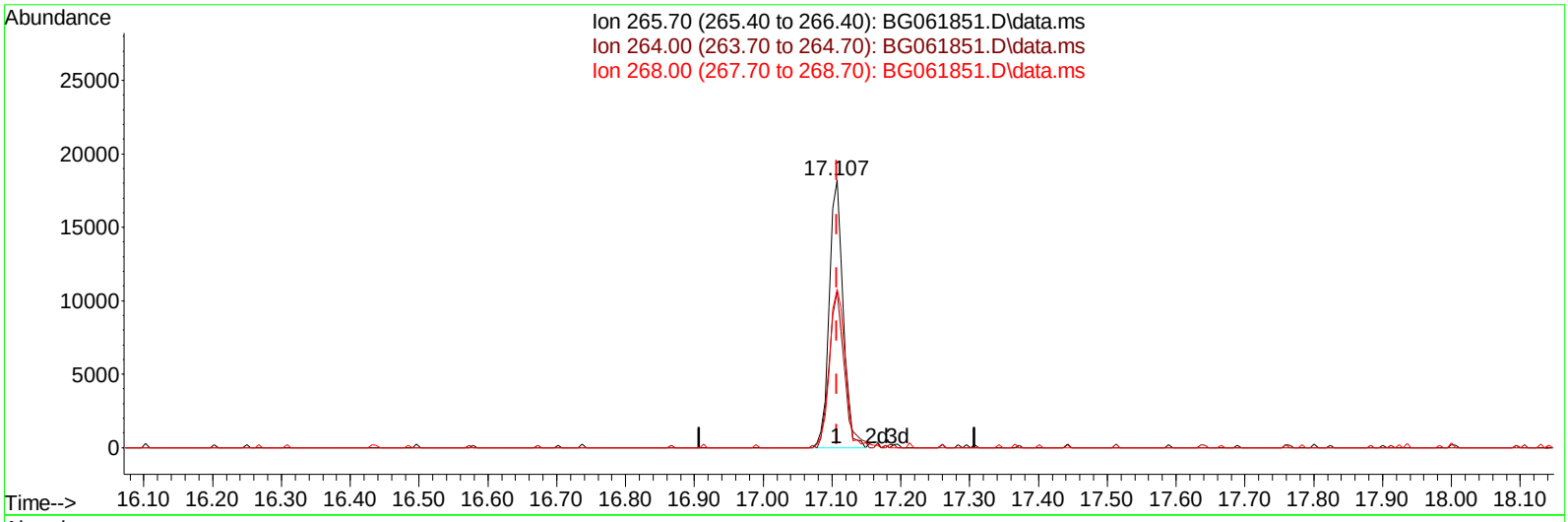

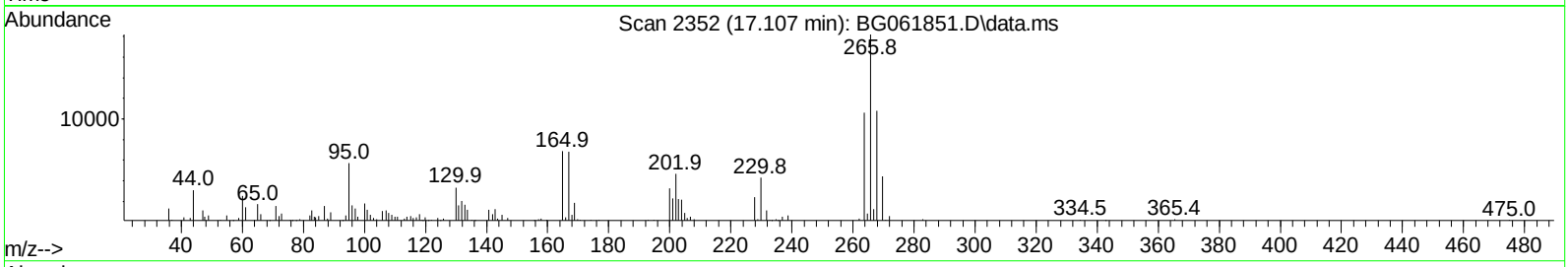

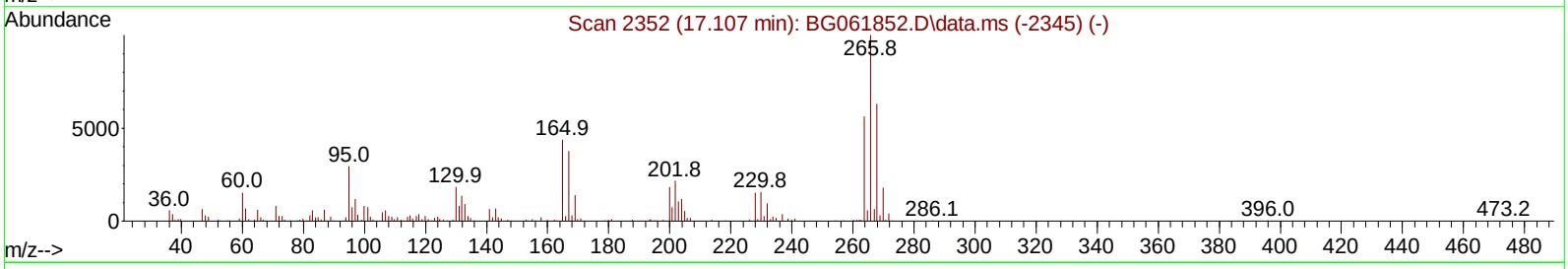

TIC: BG061851.D\data.ms

(71) Pentachlorophenol (C)

17.107min (+ 0.000) 8.11 ng/ul m

response 25552

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	56.30	58.33
268.00	63.10	59.27
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	43044	20.000	ng/ul	0.00
20) Naphthalene-d8	10.914	136	225079	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.722	164	168076	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.460	188	414154	20.000	ng/ul	0.00
79) Chrysene-d12	21.719	240	361152	20.000	ng/ul	0.00
88) Perylene-d12	24.969	264	414393	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.488	96	4636	3.891	ng/uL	0.00
4) Pyridine-d5	3.911	84	36996	10.269	ng/ul	0.00
7) Phenol-d5	7.254	99	46228	9.893	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.419	67	31129	10.686	ng/ul	0.00
11) 2-Chlorophenol-d4	7.630	132	32175	10.034	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	37166	10.288	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	16382	10.719	ng/ul	0.00
24) 2-Nitrophenol-d4	9.986	143	18637	12.041	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.527	165	35733	9.750	ng/ul	0.00
31) 4-Chloroaniline-d4	11.044	131	57599	10.380	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	143687	11.109	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	145146	10.240	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	19171	8.630	ng/ul	0.00
60) Fluorene-d10	15.709	176	118501	10.465	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.820	200	18040	10.187	ng/ul	0.00
73) Anthracene-d10	17.560	188	191460	10.128	ng/ul	0.00
81) Pyrene-d10	19.839	212	211666	10.492	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.734	264	203162	10.265	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.523	88	5061m	3.418	ng/uL	
5) Pyridine	3.929	79	35640	9.203	ng/ul	92
6) Benzaldehyde	7.236	77	27176	11.818	ng/ul	94
8) Phenol	7.278	94	46928	9.543	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.513	93	38775	10.477	ng/ul	99
12) 2-Chlorophenol	7.659	128	33924	10.545	ng/ul	93
13) 2-Methylphenol	8.535	108	33062	9.610	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.611	45	82908	10.965	ng/ul	97
16) Acetophenone	8.923	105	66209	11.131	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.893	70	35761	11.192	ng/ul#	90
18) 4-Methylphenol	8.864	108	38742	10.052	ng/ul	97
19) Hexachloroethane	9.187	117	14008	10.860	ng/ul#	76
22) Nitrobenzene	9.305	77	48253	10.960	ng/ul	90
23) Isophorone	9.827	82	114922	11.350	ng/ul	97
25) 2-Nitrophenol	10.021	139	18791	11.610	ng/ul#	90
26) 2,4-Dimethylphenol	10.074	107	48173	10.642	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.309	93	63285	11.049	ng/ul	97
29) 2,4-Dichlorophenol	10.556	162	34399	10.244	ng/ul#	88
30) Naphthalene	10.961	128	125158	9.938	ng/ul#	92
32) 4-Chloroaniline	11.067	127	56077	10.190	ng/ul#	85
33) Hexachlorobutadiene	11.238	225	25993	11.206	ng/ul	95
34) Caprolactam	11.825	113	14437	10.397	ng/ul	83
35) 4-Chloro-3-methylphenol	12.184	107	48753	10.382	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.560	142	94173	10.597	ng/ul	97
37) 1-Methylnaphthalene	12.777	142	96512	10.179	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.918	216	48906	10.281	ng/ul#	97
40) Hexachlorocyclopentadiene	12.894	237	29788	10.525	ng/ul	90
41) 2,4,6-Trichlorophenol	13.153	196	32279	10.518	ng/ul	96
42) 2,4,5-Trichlorophenol	13.229	196	36141	10.804	ng/ul	86
43) 1,1'-Biphenyl	13.558	154	132913	10.917	ng/ul	99
44) 2-Chloronaphthalene	13.600	162	96528	10.322	ng/ul	92
45) 2-Nitroaniline	13.805	65	36816	11.500	ng/ul	95
47) Dimethylphthalate	14.169	163	134266	10.454	ng/ul#	99
48) 2,6-Dinitrotoluene	14.293	165	24135	11.324	ng/ul	97
50) Acenaphthylene	14.446	152	158648	10.027	ng/ul	97
51) 3-Nitroaniline	14.622	138	24102	11.043	ng/ul	96
52) Acenaphthene	14.781	153	109738	10.015	ng/ul	90
53) 2,4-Dinitrophenol	14.828	184	9709	8.964	ng/ul	91
55) 4-Nitrophenol	14.922	109	23748m	10.353	ng/ul	
56) Dibenzofuran	15.115	168	157994	10.303	ng/ul	100
57) 2,4-Dinitrotoluene	15.080	165	35236	11.138	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.339	232	33196	10.121	ng/ul#	93
59) Diethylphthalate	15.527	149	145352	10.988	ng/ul	97
61) Fluorene	15.768	166	131243	10.342	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.756	204	69190	10.983	ng/ul	99
63) 4-Nitroaniline	15.779	138	22409	9.691	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.832	198	17955	8.951	ng/ul#	92
67) N-Nitrosodiphenylamine	15.967	169	114596	10.700	ng/ul	93
68) 4-Bromophenyl-phenylether	16.649	248	45307	10.625	ng/ul	96
69) Hexachlorobenzene	16.761	284	53749	10.386	ng/ul	97
70) Atrazine	16.907	200	45146	10.553	ng/ul	93
71) Pentachlorophenol	17.107	266	25552m	8.106	ng/ul	
72) Phenanthrene	17.501	178	218541	10.030	ng/ul	99
74) Anthracene	17.595	178	225640	10.127	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.523	216	50010	10.838	ng/ul	97
76) Pentachlorobenzene	15.033	250	56758	10.243	ng/ul	98
77) Carbazole	17.865	167	192750	10.189	ng/ul	100
78) Di-n-butylphthalate	18.412	149	239175	10.570	ng/ul	98
80) Fluoranthene	19.504	202	250650	10.708	ng/ul	99
82) Pyrene	19.863	202	261982	10.526	ng/ul	99
83) Butylbenzylphthalate	20.744	149	107226	11.833	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.614	252	88409	11.577	ng/ul#	92
85) Benzo(a)anthracene	21.702	228	260391	10.271	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.602	149	156450	11.745	ng/ul	98
87) Chrysene	21.772	228	243123	10.135	ng/ul	97
89) Di-n-octyl phthalate	22.824	149	272418	12.464	ng/ul	100
90) Benzo(b)fluoranthene	23.929	252	259617	10.422	ng/ul#	94
91) Benzo(k)fluoranthene	23.999	252	260109	10.153	ng/ul	97
93) Benzo(a)pyrene	24.816	252	243582	10.157	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.664	276	314554	10.526	ng/ul	96
95) Dibenzo(a,h)anthracene	28.729	278	258234	10.392	ng/ul#	97
96) Benzo(g,h,i)perylene	29.810	276	248711	10.324	ng/ul	98

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

Instrument :
BNA_G
ClientSampleId :
SSTD010447

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070224\
Data File : BG061851.D
Acq On : 2 Jul 2024 19:19
Operator : MA/JU
Sample : SSTD01017
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 02:19:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:04:38 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD010447

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024