Quantitation Report (Qedit)

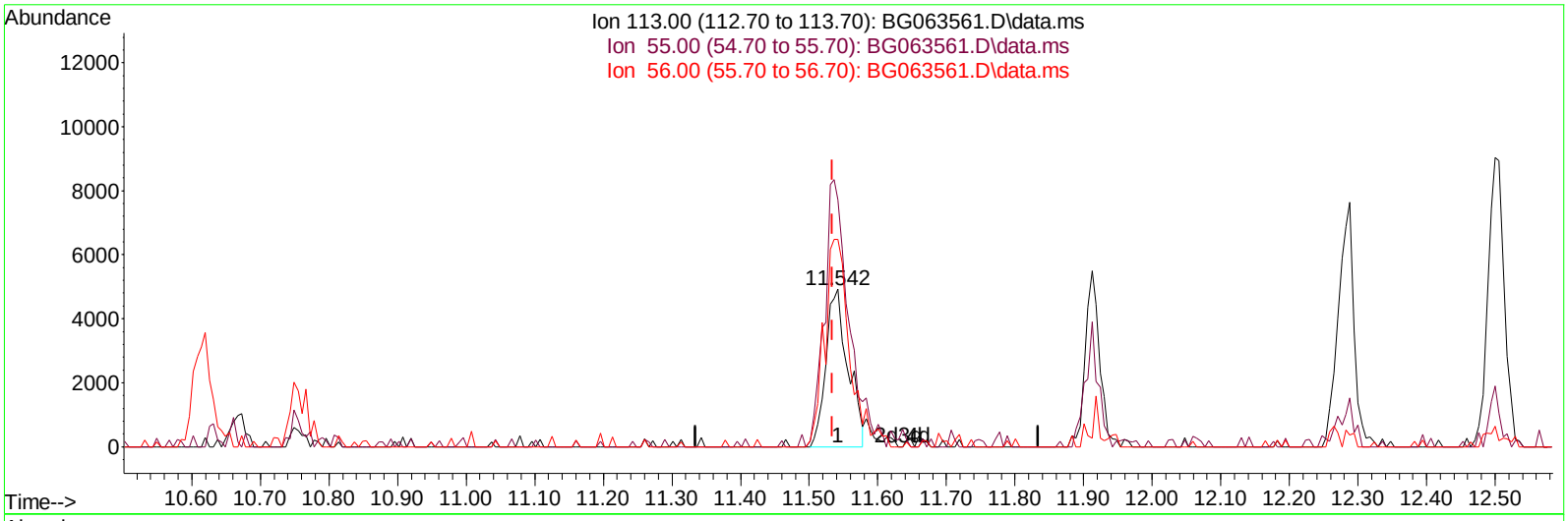
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112624\
Data File : BG063561.D
Acq On : 26 Nov 2024 14:24
Operator : RC/JU
Sample : P4996-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

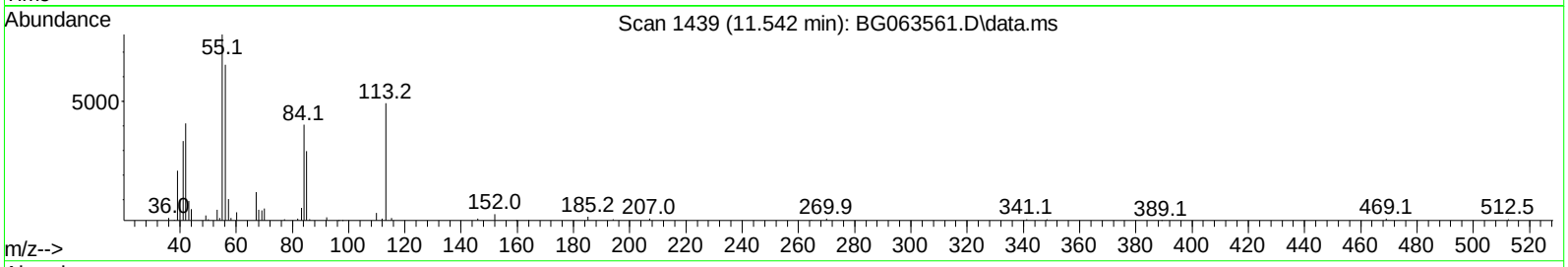
Quant Time: Nov 27 00:24:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 14:52:38 2024
Response via : Initial Calibration

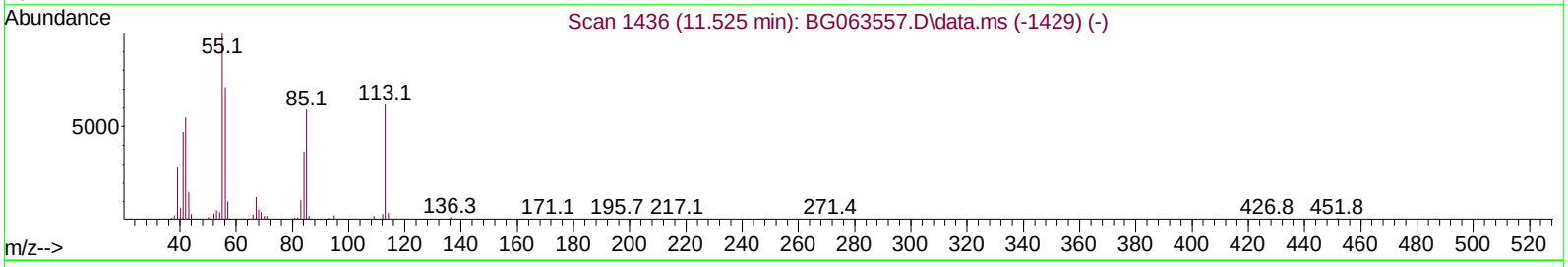
Instrument :
BNA_G
ClientSampleId :
BHF70MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024







TIC: BG063561.D\data.ms

(34) Caprolactam

11.542min (+ 0.008) 4.56 ng/ul

response 11021

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	156.70
56.00	137.20	131.55
0.00	0.00	0.00

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Misc :
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ClientSampleId :
BHF70MS

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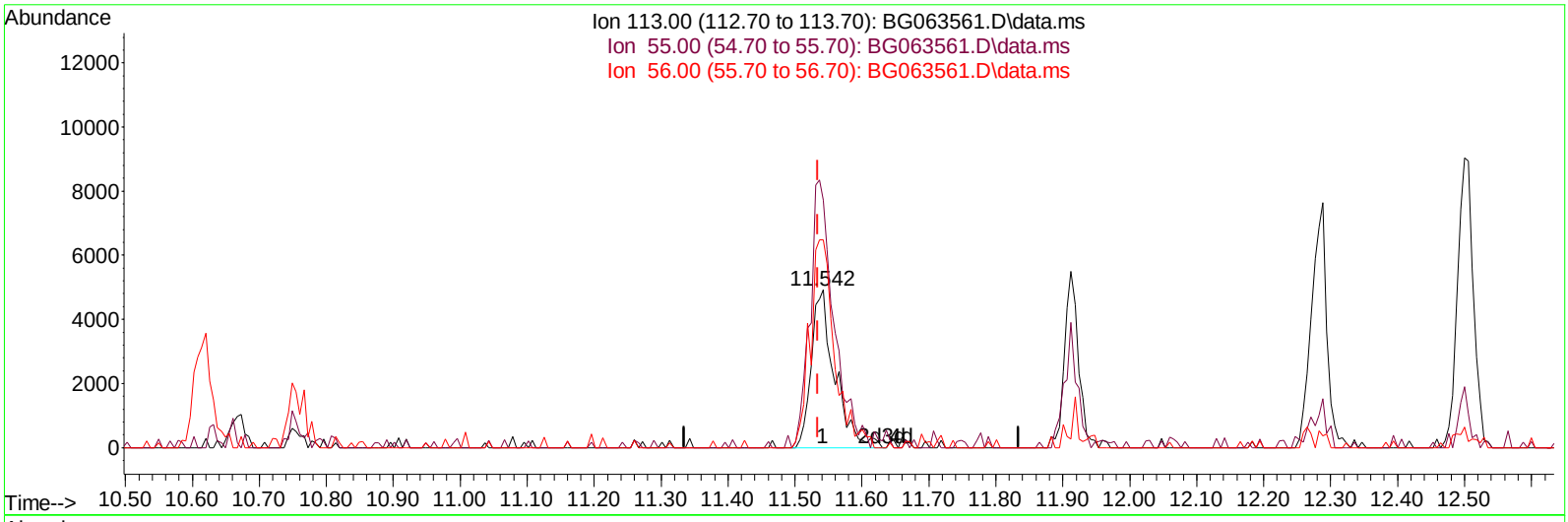

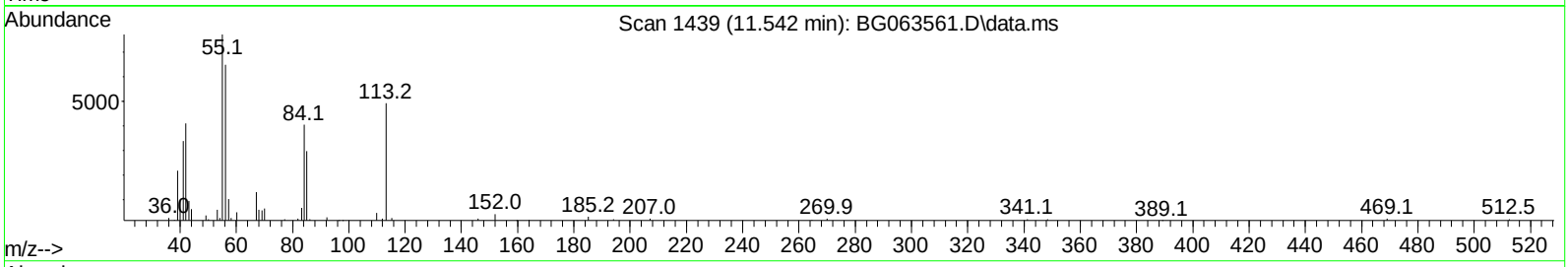

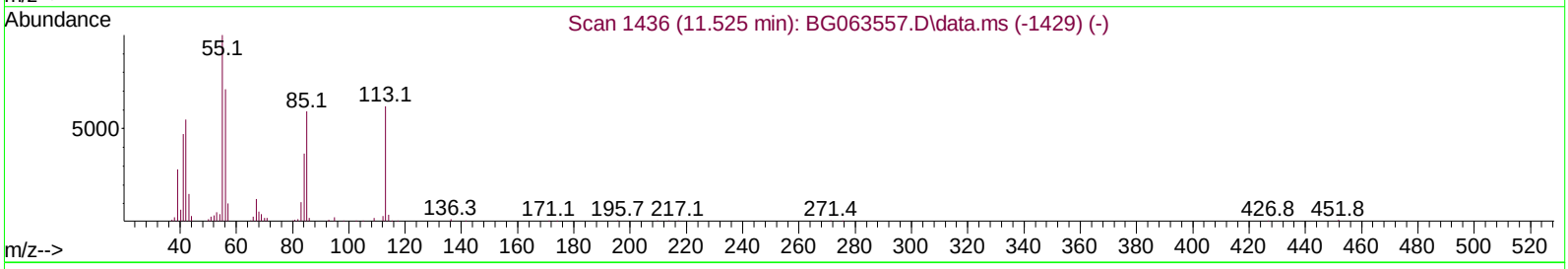

TIC: BG063561.D\data.ms

(34) Caprolactam

11.542min (+ 0.008) 4.97 ng/ul m

response 12009

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	156.70
56.00	137.20	131.55
0.00	0.00	0.00

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Operator : RC/JU
Sample : P4996-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 14:52:38 2024
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ClientSampleId :
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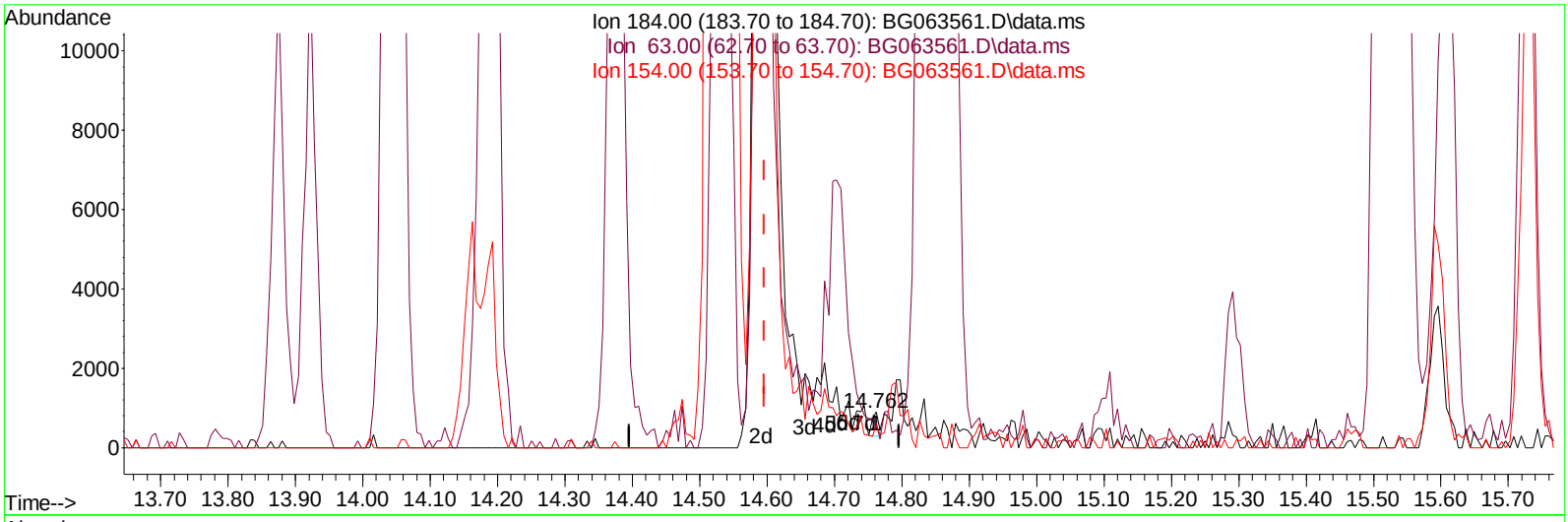

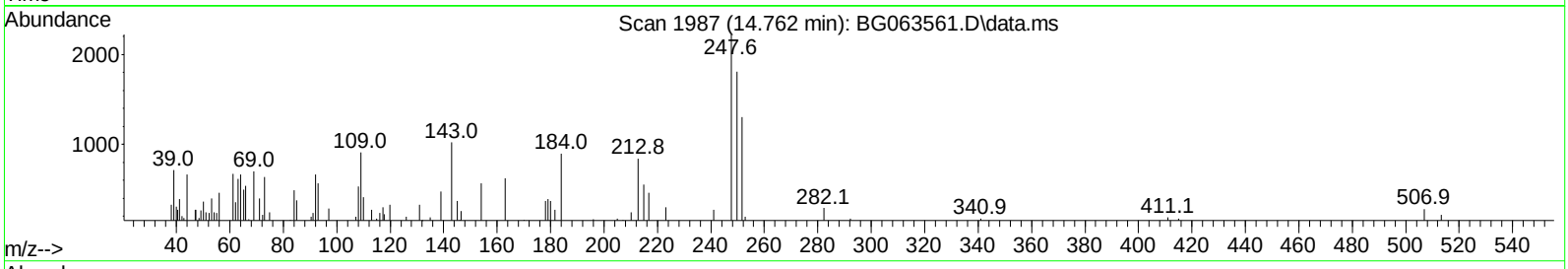

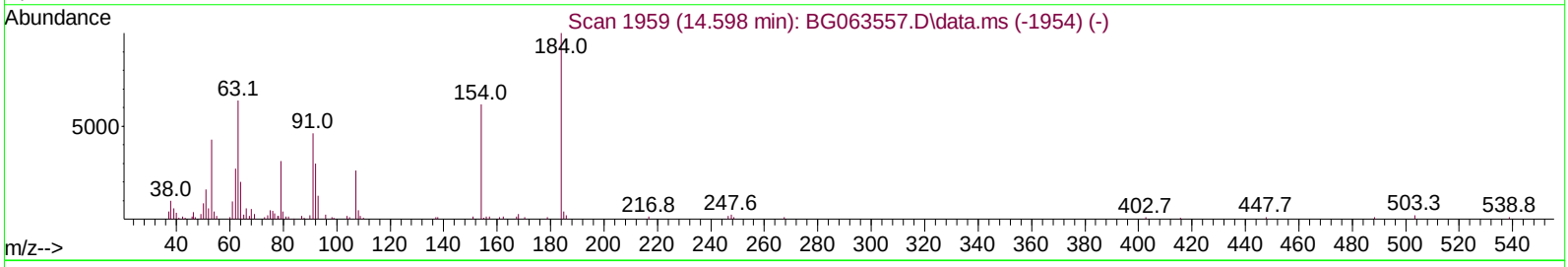

TIC: BG063561.D\data.ms

(53) 2,4-Dinitrophenol

14.762min (+ 0.166) 0.18 ng/ul

response 413

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	68.30	68.57
154.00	68.30	63.65
0.00	0.00	0.00

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 27 00:24:42 2024
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Instrument :
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ClientSampleId :
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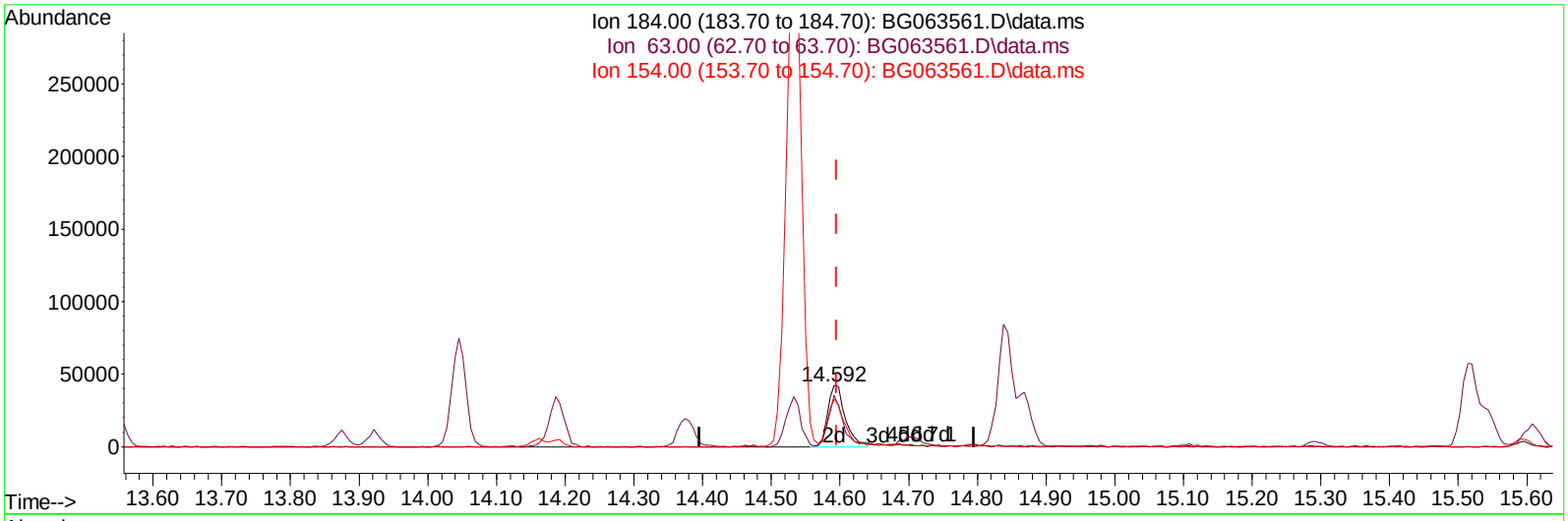

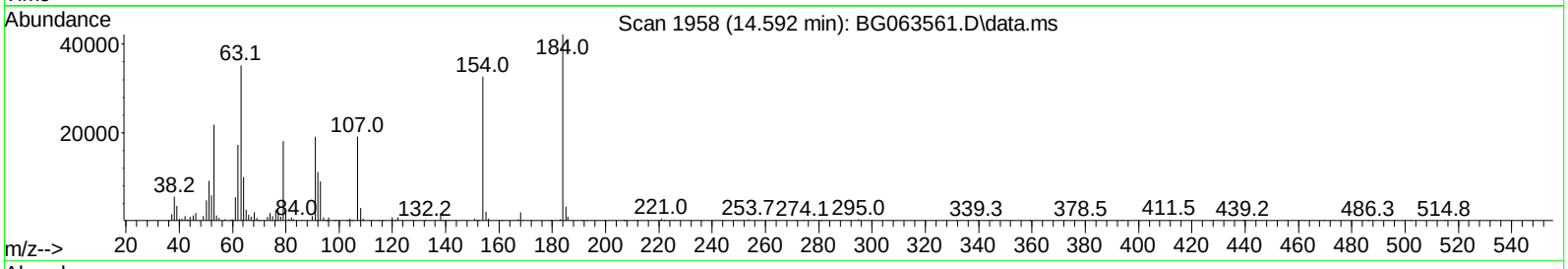

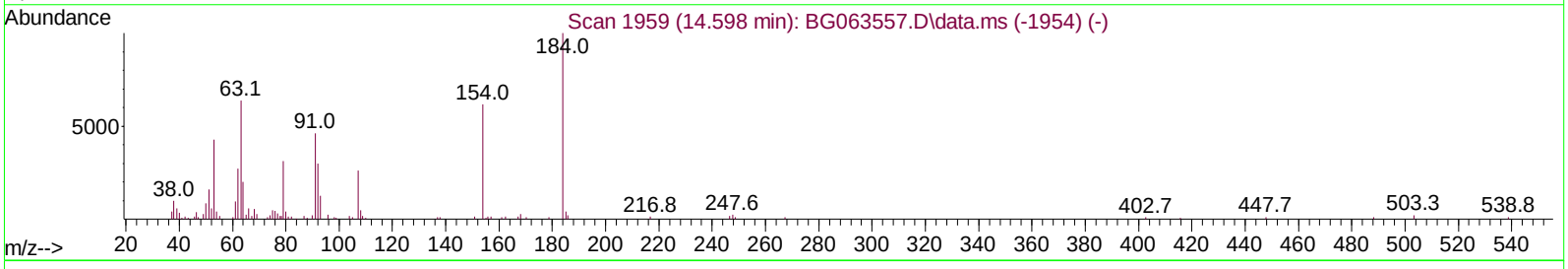

TIC: BG063561.D\data.ms

(53) 2,4-Dinitrophenol

14.592min (-0.004) 31.89 ng/ul m

response 74633

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	68.30	83.48#
154.00	68.30	77.43
0.00	0.00	0.00

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Acq On : 26 Nov 2024 14:24
Operator : RC/JU
Sample : P4996-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 27 00:27:59 2024
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/27/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	105160	20.000	ng/ul	0.00
20) Naphthalene-d8	10.620	136	433222	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.468	164	339660	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	851653	20.000	ng/ul	0.00
79) Chrysene-d12	21.478	240	930486	20.000	ng/ul	0.00
88) Perylene-d12	24.515	264	994192	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	11037	4.142	ng/uL	0.00
4) Pyridine-d5	3.704	84	47019	5.630	ng/ul	0.00
7) Phenol-d5	7.000	99	67668	7.824	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.159	67	168736	30.418	ng/ul	0.00
11) 2-Chlorophenol-d4	7.365	132	157472	25.692	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	134933	18.670	ng/ul	0.00
21) Nitrobenzene-d5	8.980	128	99779	32.072	ng/ul	0.00
24) 2-Nitrophenol-d4	9.703	143	118506	30.835	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.244	165	225755	30.775	ng/ul	0.00
31) 4-Chloroaniline-d4	10.755	131	227999	24.573	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	786273	34.100	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	829105	31.531	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	27920	8.149	ng/ul	0.00
60) Fluorene-d10	15.467	176	707478	33.767	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.596	200	174425	36.429	ng/ul	0.00
73) Anthracene-d10	17.324	188	1301038	35.163	ng/ul	0.00
81) Pyrene-d10	19.621	212	1684489	36.115	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.310	264	1749245	36.275	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	14023	4.458	ng/uL#	95
5) Pyridine	3.722	79	43448	5.113	ng/ul	97
6) Benzaldehyde	6.971	77	110072	22.235	ng/ul	95
8) Phenol	7.036	94	76403	8.101	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.253	93	201519	29.604	ng/ul	97
12) 2-Chlorophenol	7.394	128	168410	25.742	ng/ul	93
13) 2-Methylphenol	8.275	108	153793	21.917	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.346	45	301468	30.231	ng/ul	97
16) Acetophenone	8.646	105	336917	29.511	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.628	70	187411	29.373	ng/ul	91
18) 4-Methylphenol	8.604	108	143637	18.663	ng/ul	93
19) Hexachloroethane	8.904	117	74207	26.264	ng/ul	91
22) Nitrobenzene	9.027	77	294237	30.829	ng/ul#	97
23) Isophorone	9.545	82	524598	30.101	ng/ul	99
25) 2-Nitrophenol	9.733	139	120689	31.652	ng/ul#	90
26) 2,4-Dimethylphenol	9.803	107	212557	25.860	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.032	93	290934	30.156	ng/ul	96
29) 2,4-Dichlorophenol	10.273	162	206835	28.859	ng/ul	98
30) Naphthalene	10.667	128	662942	29.936	ng/ul	97
32) 4-Chloroaniline	10.778	127	89335	10.076	ng/ul	94
33) Hexachlorobutadiene	10.955	225	172394	26.967	ng/ul	94
34) Caprolactam	11.542	113	12009m	4.972	ng/ul	
35) 4-Chloro-3-methylphenol	11.912	107	222069	30.444	ng/ul	96

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/27/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.283	142	495596	31.528	ng/ul	95
37) 1-Methylnaphthalene	12.500	142	486627	29.483	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.653	216	351406	29.441	ng/ul	94
40) Hexachlorocyclopentadiene	12.635	237	113171	22.229	ng/ul	94
41) 2,4,6-Trichlorophenol	12.899	196	189600	28.949	ng/ul	97
42) 2,4,5-Trichlorophenol	12.976	196	213737	31.622	ng/ul	91
43) 1,1'-Biphenyl	13.299	154	705356	31.291	ng/ul	99
44) 2-Chloronaphthalene	13.340	162	542083	30.604	ng/ul	92
45) 2-Nitroaniline	13.546	65	198254	35.512	ng/ul	92
47) Dimethylphthalate	13.922	163	741112	32.988	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	158620	34.802	ng/ul	92
50) Acenaphthylene	14.186	152	850524	32.176	ng/ul	98
51) 3-Nitroaniline	14.380	138	123605	29.611	ng/ul	99
52) Acenaphthene	14.533	153	604343	31.654	ng/ul	95
53) 2,4-Dinitrophenol	14.592	184	74633m	31.893	ng/ul	
55) 4-Nitrophenol	14.703	109	30012	7.538	ng/ul	95
56) Dibenzofuran	14.868	168	889153	32.461	ng/ul	99
57) 2,4-Dinitrotoluene	14.844	165	245279	35.168	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.103	232	199032	30.988	ng/ul#	93
59) Diethylphthalate	15.291	149	784682	34.579	ng/ul	97
61) Fluorene	15.520	166	771989	33.109	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.514	204	441364	31.722	ng/ul	96
63) 4-Nitroaniline	15.543	138	161268	37.736	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.608	198	173115	33.836	ng/ul#	88
67) N-Nitrosodiphenylamine	15.731	169	668874	33.080	ng/ul	94
68) 4-Bromophenyl-phenylether	16.413	248	314688	32.977	ng/ul	97
69) Hexachlorobenzene	16.530	284	325527	32.537	ng/ul	93
70) Atrazine	16.677	200	9027	0.924	ng/ul#	94
71) Pentachlorophenol	16.883	266	131629	28.134	ng/ul#	90
72) Phenanthrene	17.265	178	1362456	33.560	ng/ul	98
74) Anthracene	17.359	178	1392875	33.598	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.264	216	354364	28.596	ng/ul	89
76) Pentachlorobenzene	14.791	250	371663	30.372	ng/ul	95
77) Carbazole	17.629	167	1217834	35.406	ng/ul	99
78) Di-n-butylphthalate	18.193	149	1430266	36.272	ng/ul	99
80) Fluoranthene	19.286	202	1821431	35.318	ng/ul	99
82) Pyrene	19.650	202	1920175	34.746	ng/ul	98
83) Butylbenzylphthalate	20.549	149	649715	36.228	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.384	252	613045	30.671	ng/ul	98
85) Benzo(a)anthracene	21.460	228	2067138	34.357	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.378	149	947677	36.356	ng/ul	98
87) Chrysene	21.525	228	1923649	34.193	ng/ul	96
89) Di-n-octyl phthalate	22.518	149	1650808	37.423	ng/ul	100
90) Benzo(b)fluoranthene	23.558	252	2066780	34.625	ng/ul	97
91) Benzo(k)fluoranthene	23.622	252	2109743	35.223	ng/ul	99
93) Benzo(a)pyrene	24.380	252	1930348	34.553	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.941	276	2377105	34.306	ng/ul	99
95) Dibenzo(a,h)anthracene	27.994	278	1966875	34.720	ng/ul	97
96) Benzo(g,h,i)perylene	29.010	276	1800404	34.267	ng/ul	98

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

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