Quantitation Report (QT Reviewed)

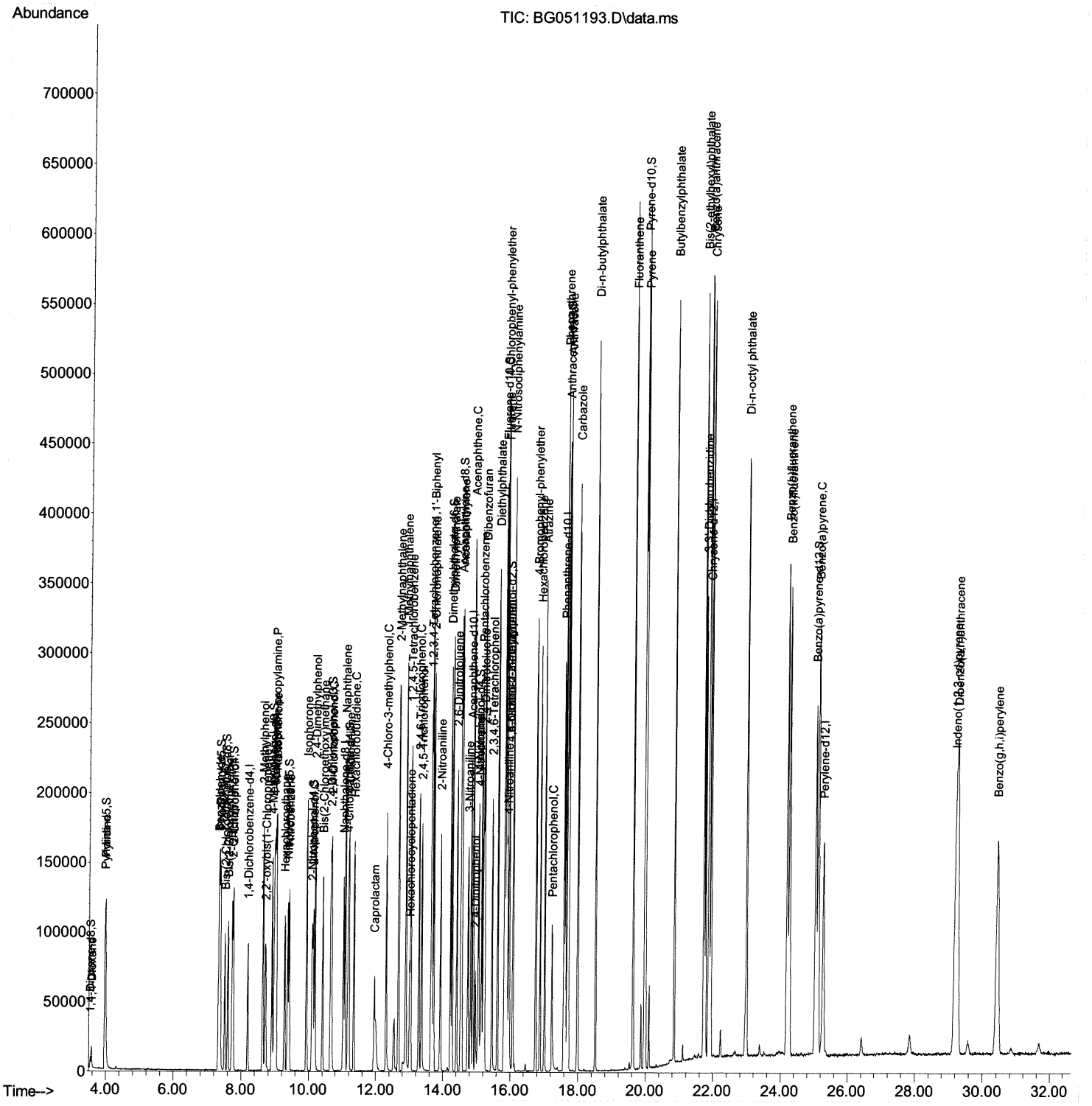
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051193.D
Acq On : 23 Nov 2021 22:00
Operator : CG/JU
Sample : PB140940BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 24 06:56:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 24 06:04:50 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS940

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :mohammad ahmed 11/30/2021



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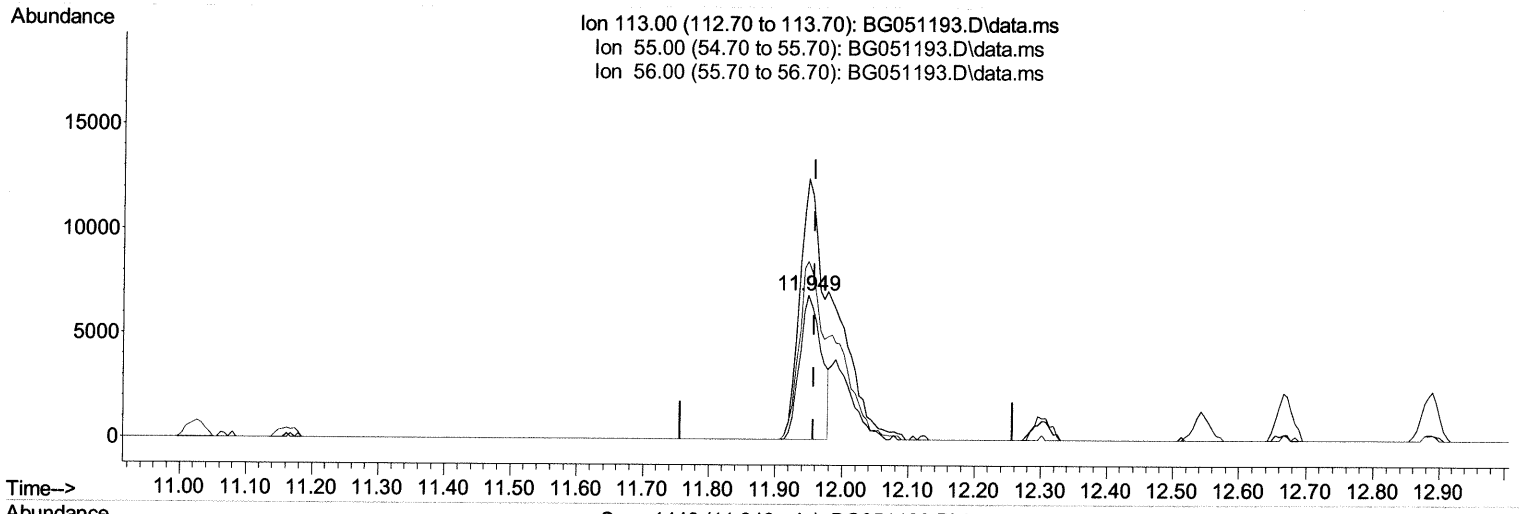

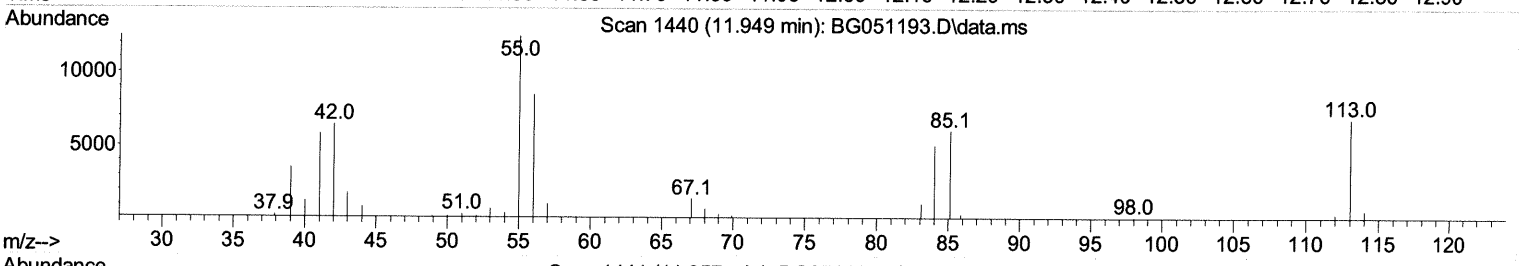

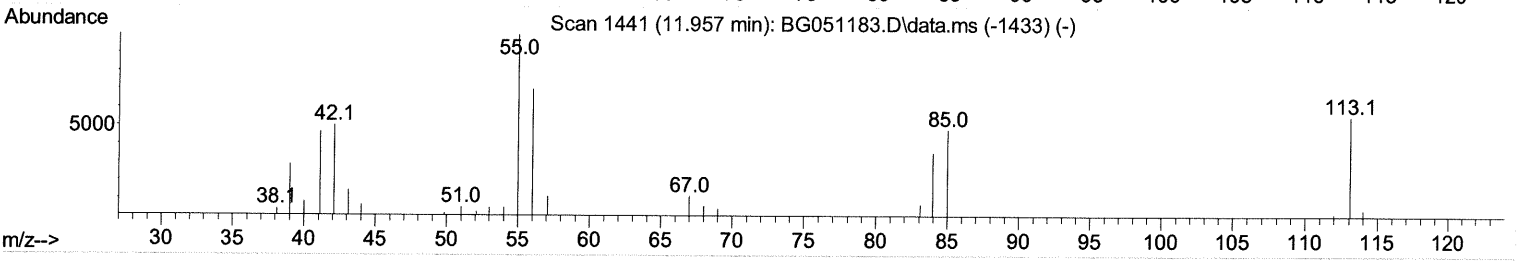

TIC: BG051193.D\data.ms

(34) Caprolactam

11.949min (-0.009) 21.17 ng/ul

response 15630

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	180.74
56.00	136.50	123.37
0.00	0.00	0.00

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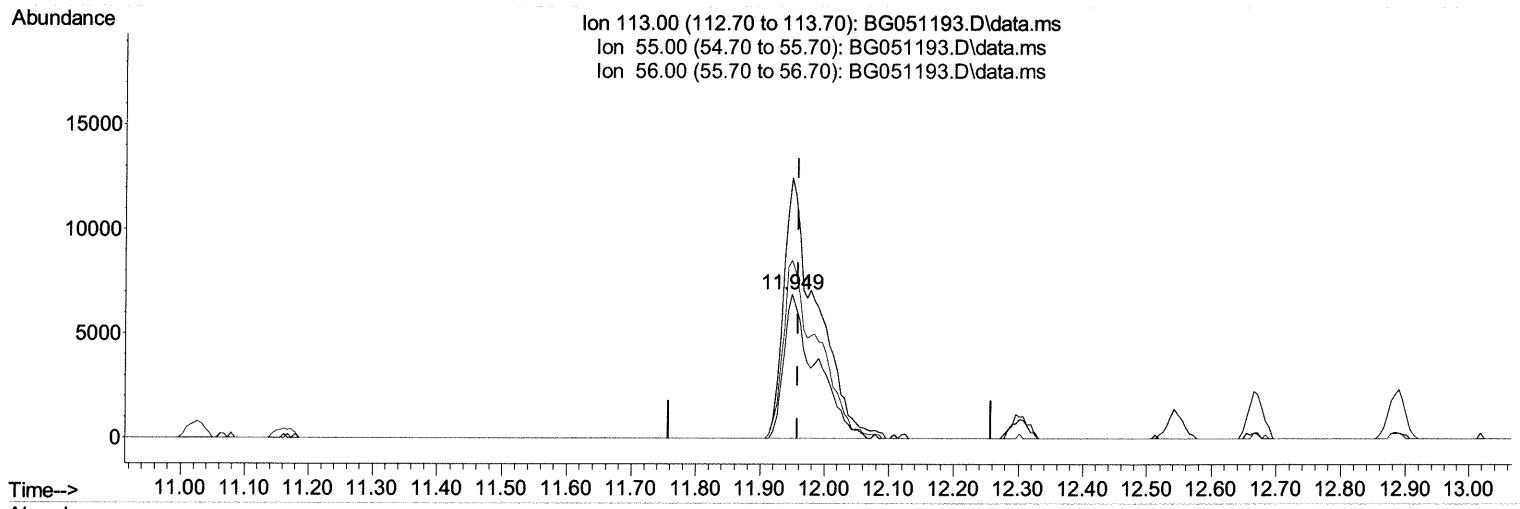

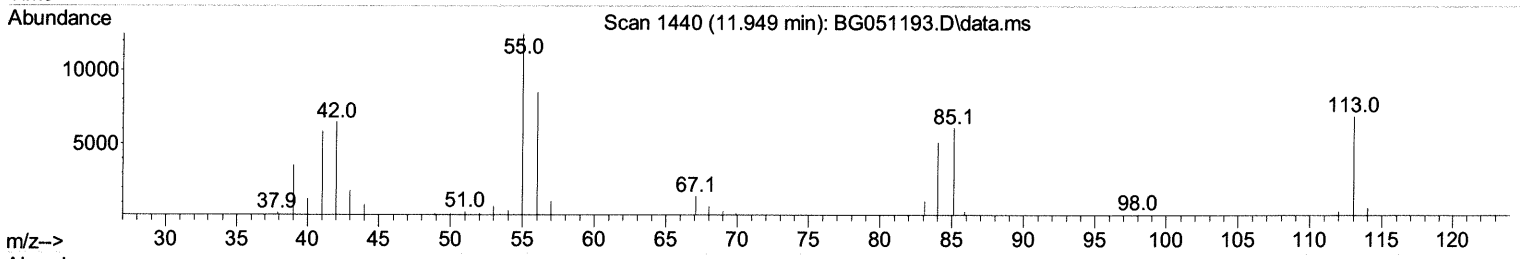

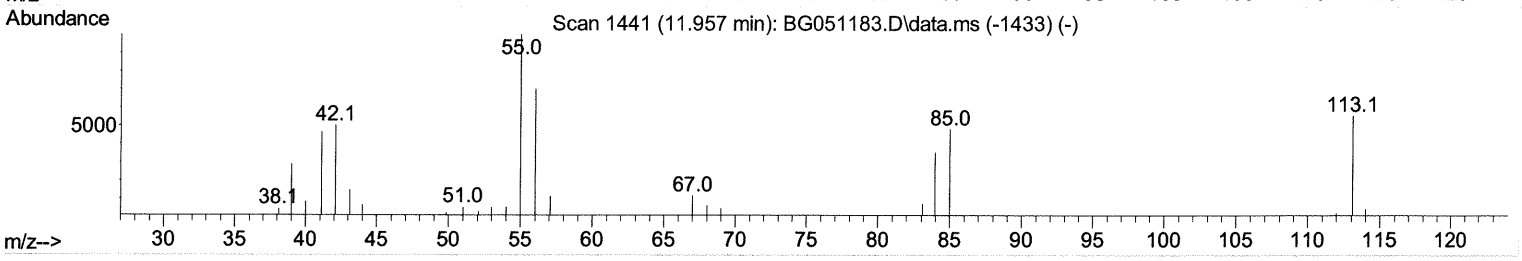

TIC: BG051193.D\data.ms

(34) Caprolactam

11.949min (-0.009) 32.67 ng/ul m 11/29/2134

response 24124

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	180.74
56.00	136.50	123.37
0.00	0.00	0.00

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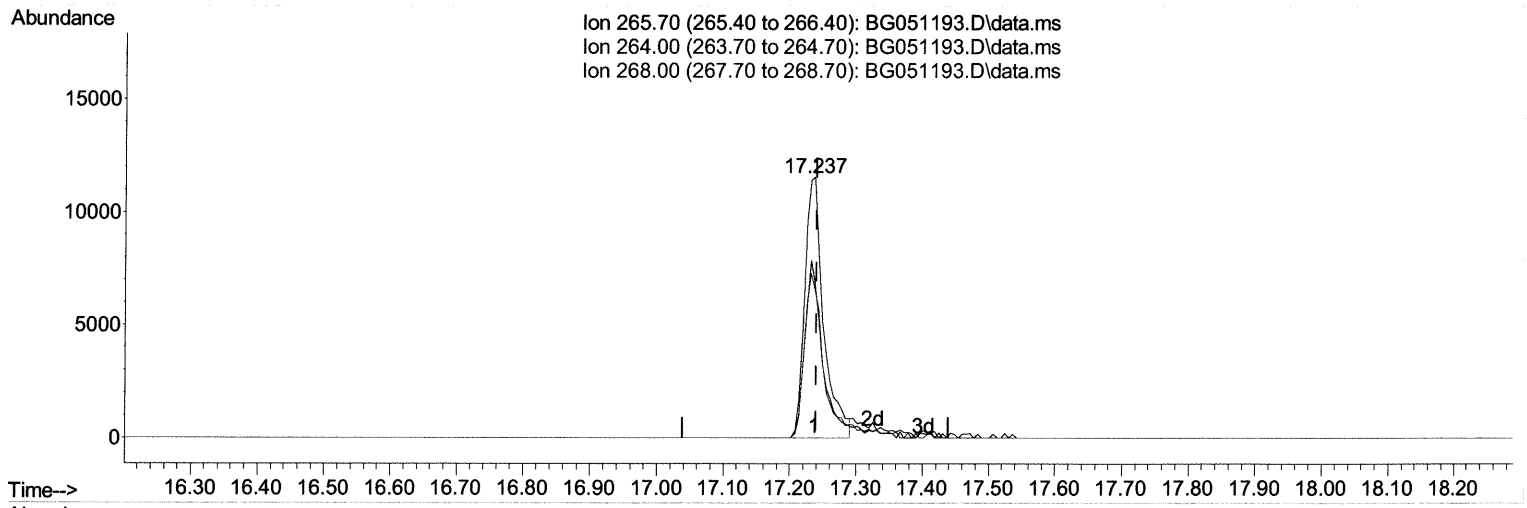

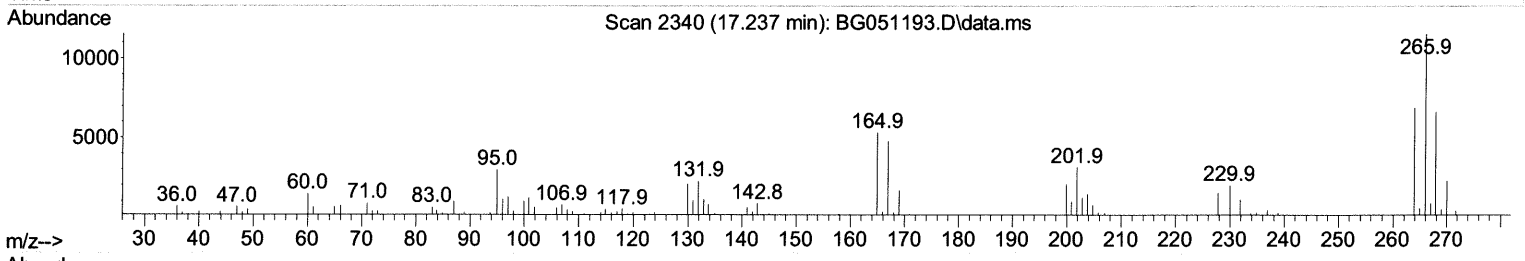

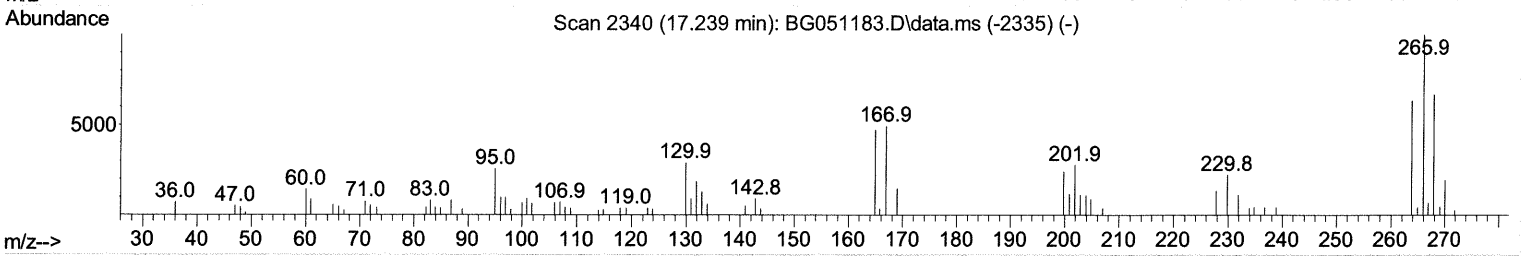

TIC: BG051193.D\data.ms

(71) Pentachlorophenol (C)

17.237min (-0.003) 25.63 ng/ul

response 22822

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	59.91
268.00	63.80	57.47
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 14 Sample Multiplier: 1

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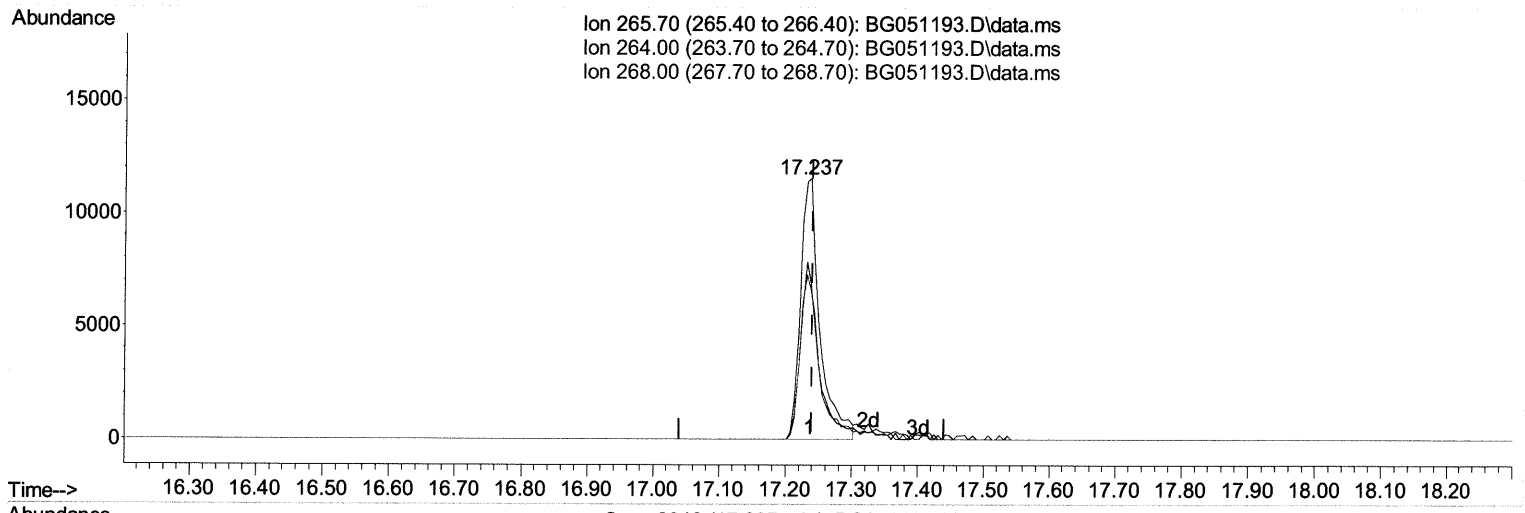

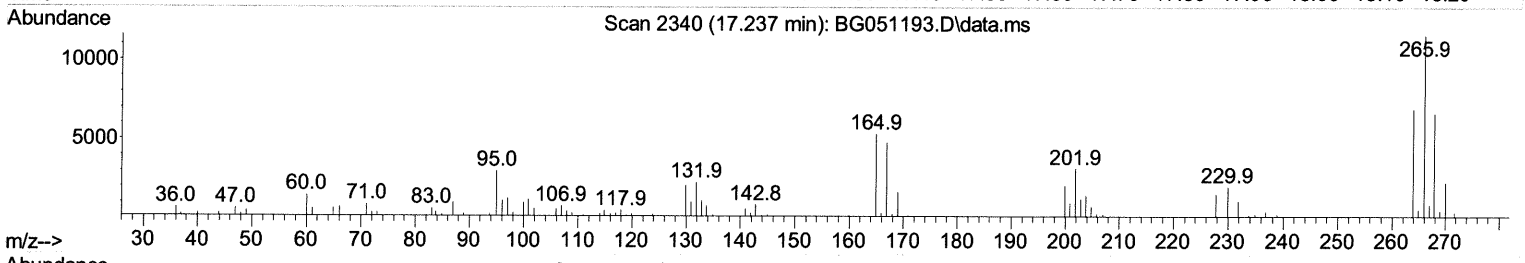

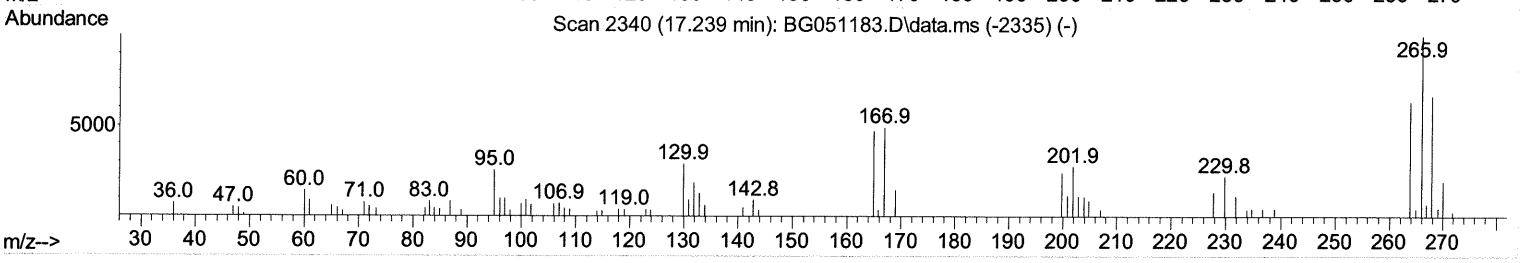

TIC: BG051193.D\data.ms

(71) Pentachlorophenol (C)

17.237min (-0.003) 26.22 ng/ul m 11/29/2021

response 23347

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	59.91
268.00	63.80	57.47
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	26179	20.000	ng/ul	0.00
20) Naphthalene-d8	11.026	136	118091	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.828	164	79539	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.578	188	183902	20.000	ng/ul	0.00
79) Chrysene-d12	21.884	240	163618	20.000	ng/ul	0.00
88) Perylene-d12	25.280	264	165322	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.541	96	4392	5.830	ng/uL	0.00
4) Pyridine-d5	3.970	84	56144	25.398	ng/ul	0.00
7) Phenol-d5	7.354	99	77086	29.793	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.513	67	48694	29.966	ng/ul	0.00
11) 2-Chlorophenol-d4	7.730	132	57378	30.796	ng/ul	0.00
15) 4-Methylphenol-d8	8.911	113	61496	29.453	ng/ul	0.00
21) Nitrobenzene-d5	9.375	128	29768	29.862	ng/ul	0.00
24) 2-Nitrophenol-d4	10.098	143	33959	30.199	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.650	165	56977	29.864	ng/ul	0.00
31) 4-Chloroaniline-d4	11.162	131	66719	23.899	ng/ul	0.00
46) Dimethylphthalate-d6	14.223	166	191107	31.226	ng/ul	0.00
49) Acenaphthylene-d8	14.528	160	235991	30.579	ng/ul	0.00
54) 4-Nitrophenol-d4	15.045	143	31729	32.029	ng/ul	0.00
60) Fluorene-d10	15.821	176	170949	31.019	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.950	200	35454	31.243	ng/ul	0.00
73) Anthracene-d10	17.677	188	269800	30.675	ng/ul	0.00
81) Pyrene-d10	19.957	212	314830	31.801	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.045	264	278316	31.522	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.576	88	9422	11.090	ng/uL	91
5) Pyridine	3.988	79	64757	28.152	ng/ul	95
6) Benzaldehyde	7.331	77	50177	30.452	ng/ul	95
8) Phenol	7.384	94	82452	30.762	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.607	93	62382	30.763	ng/ul	96
12) 2-Chlorophenol	7.760	128	58502	30.813	ng/ul	98
13) 2-Methylphenol	8.641	108	61525	30.816	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.717	45	90294	30.857	ng/ul	97
16) Acetophenone	9.029	105	97487	30.186	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.999	70	57951	31.226	ng/ul	94
18) 4-Methylphenol	8.976	108	66293	31.052	ng/ul	96
19) Hexachloroethane	9.281	117	24582	30.653	ng/ul	99
22) Nitrobenzene	9.417	77	80372	30.748	ng/ul	98
23) Isophorone	9.934	82	156800	30.876	ng/ul	100
25) 2-Nitrophenol	10.133	139	35972	30.884	ng/ul	92
26) 2,4-Dimethylphenol	10.180	107	73475	30.854	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.415	93	87566	31.234	ng/ul	99
29) 2,4-Dichlorophenol	10.674	162	57409	30.567	ng/ul	98
30) Naphthalene	11.073	128	194632	30.290	ng/ul	99
32) 4-Chloroaniline	11.185	127	77781	27.753	ng/ul	98
33) Hexachlorobutadiene	11.344	225	38353	29.606	ng/ul	98
34) Caprolactam	11.949	113	24124m >	32.673	ng/ul >	11/29/2021
35) 4-Chloro-3-methylphenol	12.301	107	69649	30.872	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.666	142	131930	30.186	ng/ul	96
37) 1-Methylnaphthalene	12.883	142	133281	29.641	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.030	216	76769	30.744	ng/ul	96
40) Hexachlorocyclopentadiene	13.001	237	20483	20.294	ng/ul	94
41) 2,4,6-Trichlorophenol	13.271	196	49373	31.508	ng/ul	97
42) 2,4,5-Trichlorophenol	13.353	196	52971	32.281	ng/ul	98
43) 1,1'-Biphenyl	13.664	154	181873	30.614	ng/ul	97
44) 2-Chloronaphthalene	13.711	162	143293	30.322	ng/ul	99
45) 2-Nitroaniline	13.917	65	54668	33.425	ng/ul	97
47) Dimethylphthalate	14.270	163	198729	32.080	ng/ul	100
48) 2,6-Dinitrotoluene	14.405	165	42129	32.376	ng/ul	96
50) Acenaphthylene	14.558	152	235554	30.894	ng/ul	99
51) 3-Nitroaniline	14.746	138	40315	31.344	ng/ul	98
52) Acenaphthene	14.892	153	154822	30.790	ng/ul	96
53) 2,4-Dinitrophenol	14.957	184	19771	27.488	ng/ul	87
55) 4-Nitrophenol	15.057	109	28377	33.021	ng/ul	92
56) Dibenzofuran	15.227	168	224291	30.924	ng/ul	100
57) 2,4-Dinitrotoluene	15.198	165	61065	32.857	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.457	232	42731	33.161	ng/ul	96
59) Diethylphthalate	15.627	149	211945	32.595	ng/ul	98
61) Fluorene	15.880	166	181540	31.248	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.862	204	97700	31.205	ng/ul	93
63) 4-Nitroaniline	15.909	138	43333	34.620	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.962	198	34801	31.799	ng/ul	97
67) N-Nitrosodiphenylamine	16.073	169	165342	31.405	ng/ul	98
68) 4-Bromophenyl-phenylether	16.755	248	62657	31.789	ng/ul	92
69) Hexachlorobenzene	16.878	284	62693	31.194	ng/ul	96
70) Atrazine	17.019	200	67672	30.585	ng/ul	97
71) Pentachlorophenol	17.237	266	23347m >	26.216	ng/ul>	11/29/21 JU
72) Phenanthrene	17.625	178	320572	31.571	ng/ul	99
74) Anthracene	17.713	178	315600	31.296	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.635	216	79601	29.675	ng/uL	100
76) Pentachlorobenzene	15.145	250	72666	29.074	ng/uL	97
77) Carbazole	17.989	167	290978	32.872	ng/ul	100
78) Di-n-butylphthalate	18.512	149	371213	32.524	ng/ul	99
80) Fluoranthene	19.622	202	395052	32.489	ng/ul	98
82) Pyrene	19.986	202	387093	32.544	ng/ul	97
83) Butylbenzylphthalate	20.850	149	164271	33.220	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.767	252	118962	31.228	ng/ul	99
85) Benzo(a)anthracene	21.861	228	357455	32.210	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.720	149	234504	32.956	ng/ul	99
87) Chrysene	21.931	228	343823	32.250	ng/ul	99
89) Di-n-octyl phthalate	22.983	149	399593	33.363	ng/ul	100
90) Benzo(b)fluoranthene	24.193	252	367591	32.947	ng/ul	99
91) Benzo(k)fluoranthene	24.264	252	331729	31.684	ng/ul	99
93) Benzo(a)pyrene	25.122	252	345913	32.498	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.193	276	385747	32.386	ng/ul	98
95) Dibenzo(a,h)anthracene	29.246	278	323028	31.968	ng/ul	98
96) Benzo(g,h,i)perylene	30.415	276	322476	32.179	ng/ul	97

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