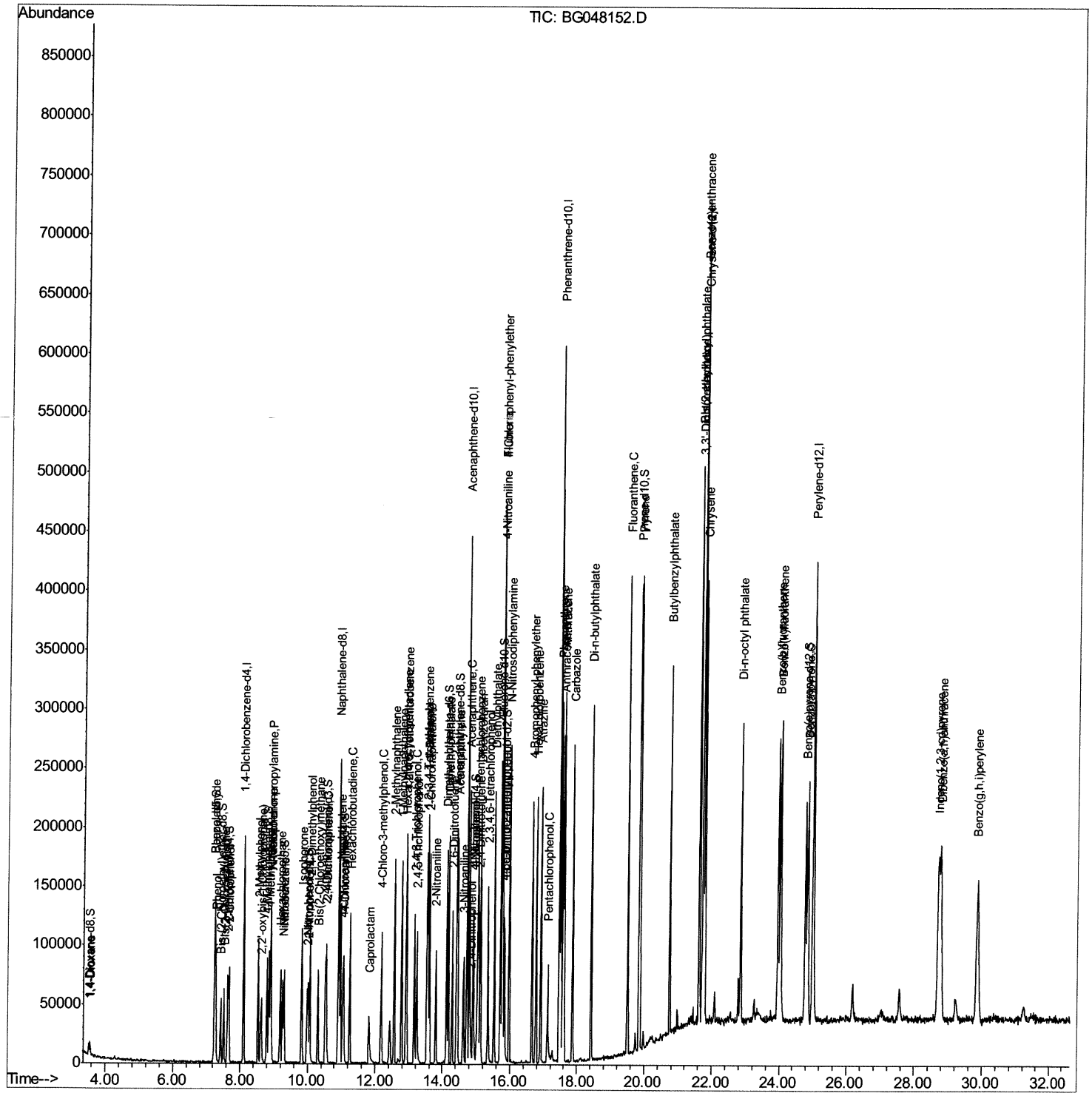
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021321\
Data File : BG048152.D
Acq On : 12 Feb 2021 17:26
Operator : CG/JU
Sample : SSTD01027
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 12 22:57:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 12 22:47:29 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD01027

Manual Integrations APPROVED
mohammad
2/15/2021 11:32:08 AM



Quantitation Report (Qedit)

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Acq On : 12 Feb 2021 17:26
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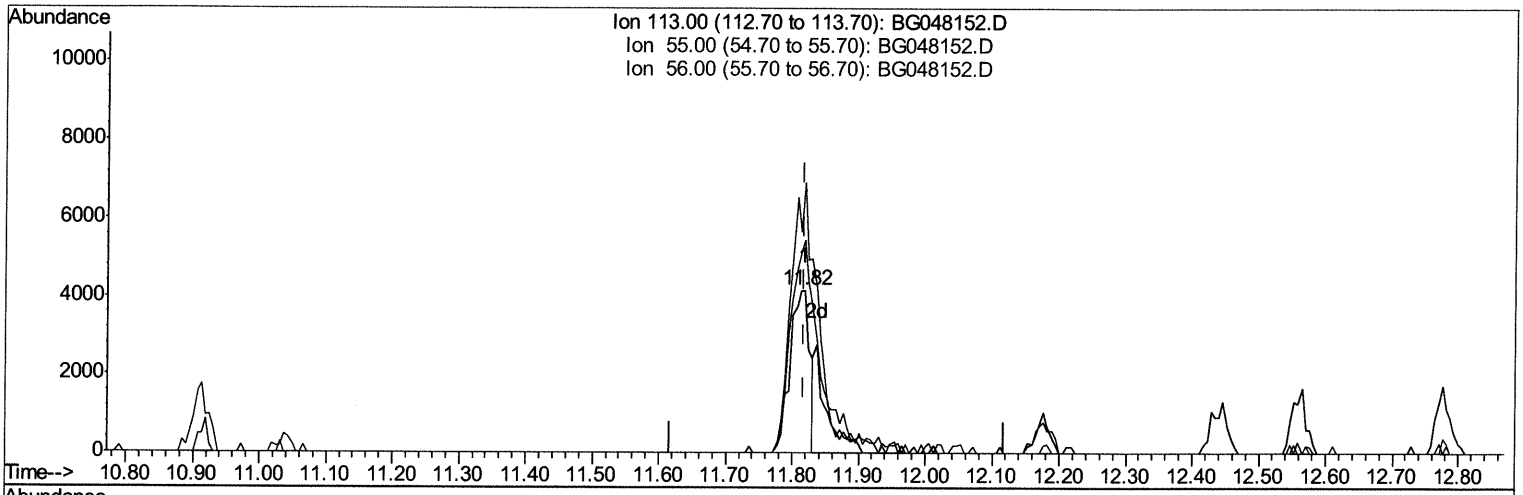

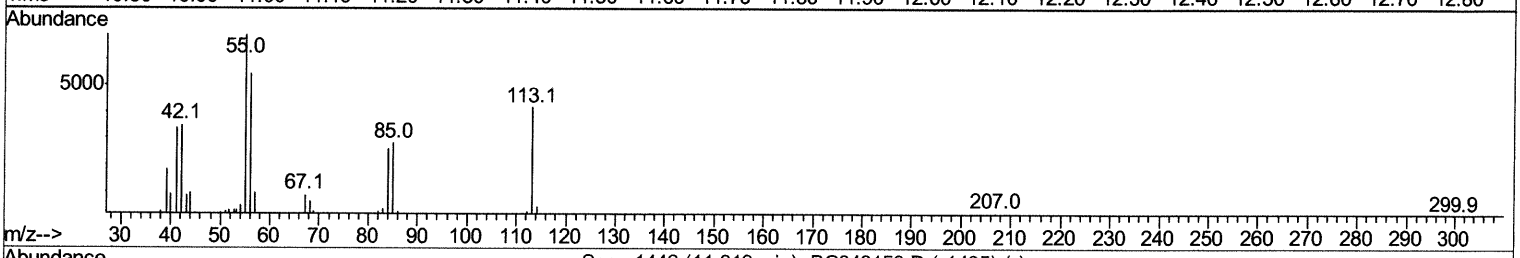

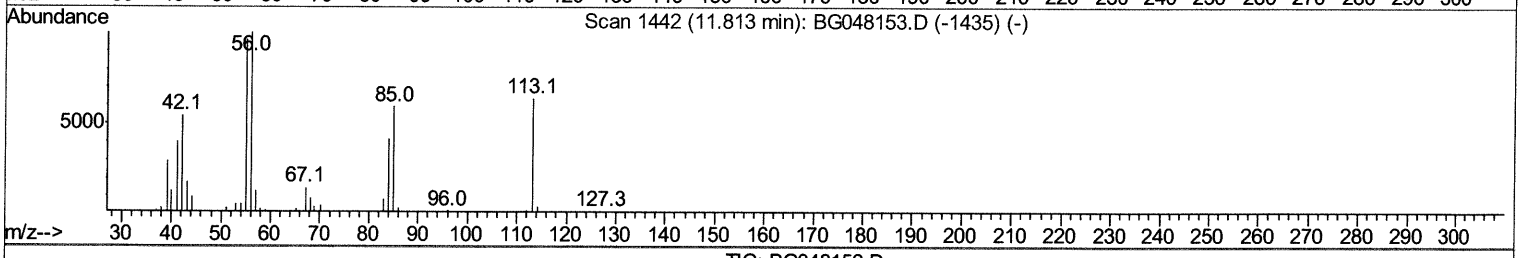

TIC: BG048152.D

(32) Caprolactam

11.818min (0.000) 7.03ng/ul

response 8712

Ion	Exp%	Act%
113.00	100	100
55.00	166.10	166.10
56.00	130.70	130.68
0.00	0.00	0.00

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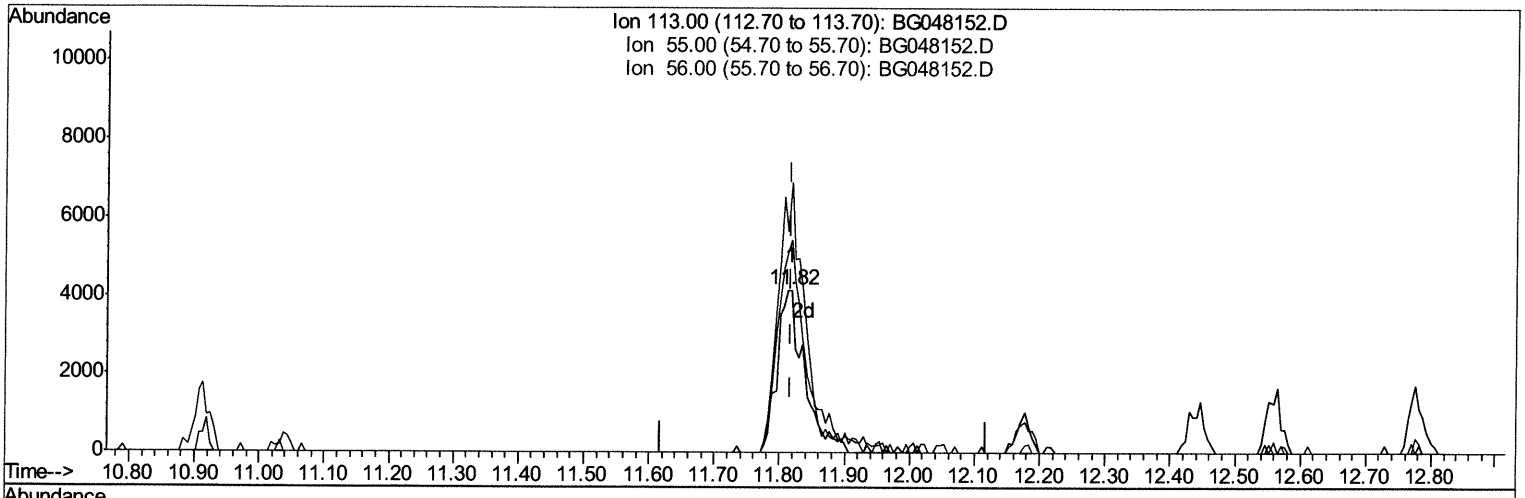

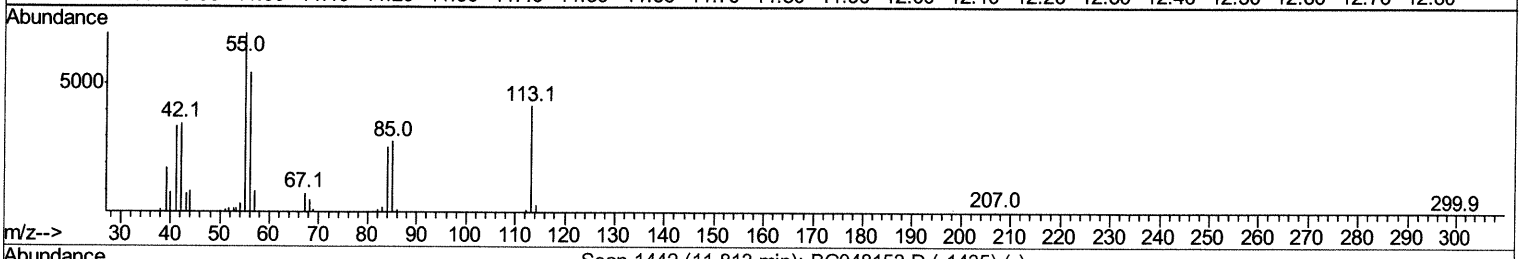

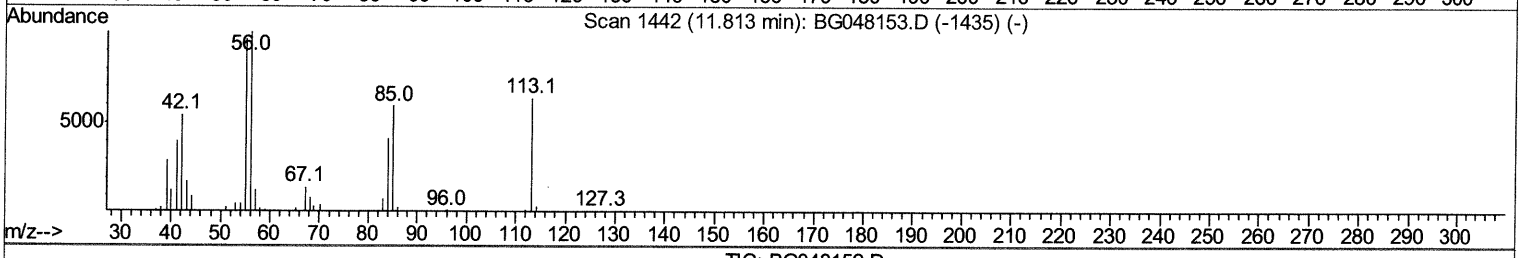

TIC: BG048152.D

(32) Caprolactam

11.818min (0.000) 9.79ng/ul m 02/15/21 JU

response 12140

Ion	Exp%	Act%
113.00	100	100
55.00	166.10	166.10
56.00	130.70	130.68
0.00	0.00	0.00

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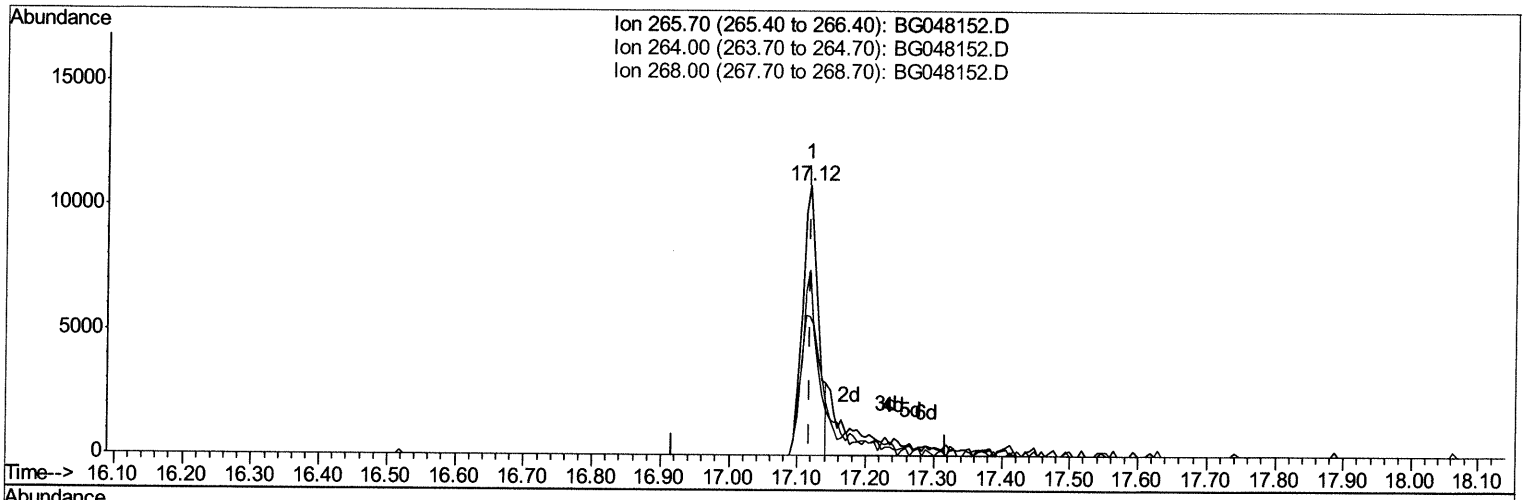

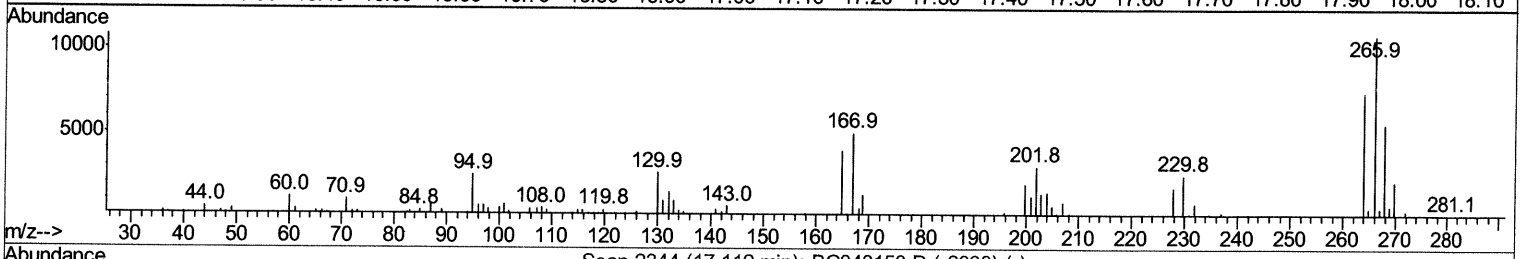

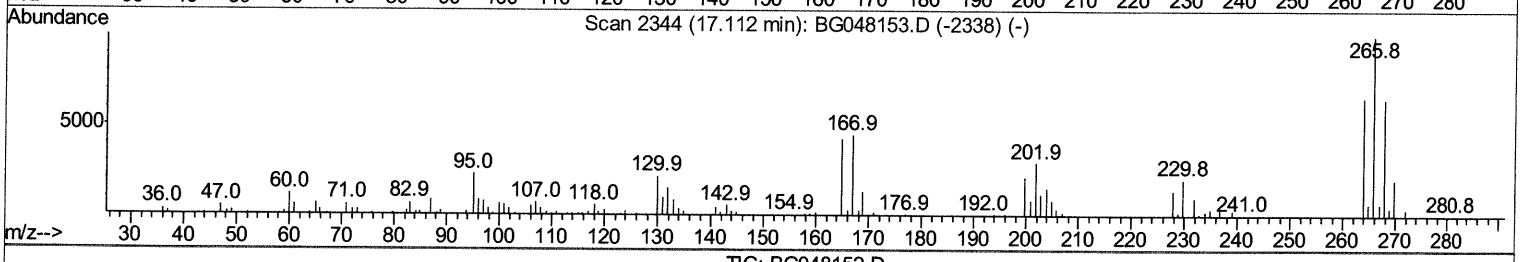

TIC: BG048152.D

(69) Pentachlorophenol (C)

17.118min (0.000) 7.43ng/ul

response 17412

Ion	Exp%	Act%
265.70	100	100
264.00	68.70	68.74
268.00	51.20	51.24
0.00	0.00	0.00

Quantitation Report (Qedit)

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ClientSampleId :
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Manual Integrations APPROVED
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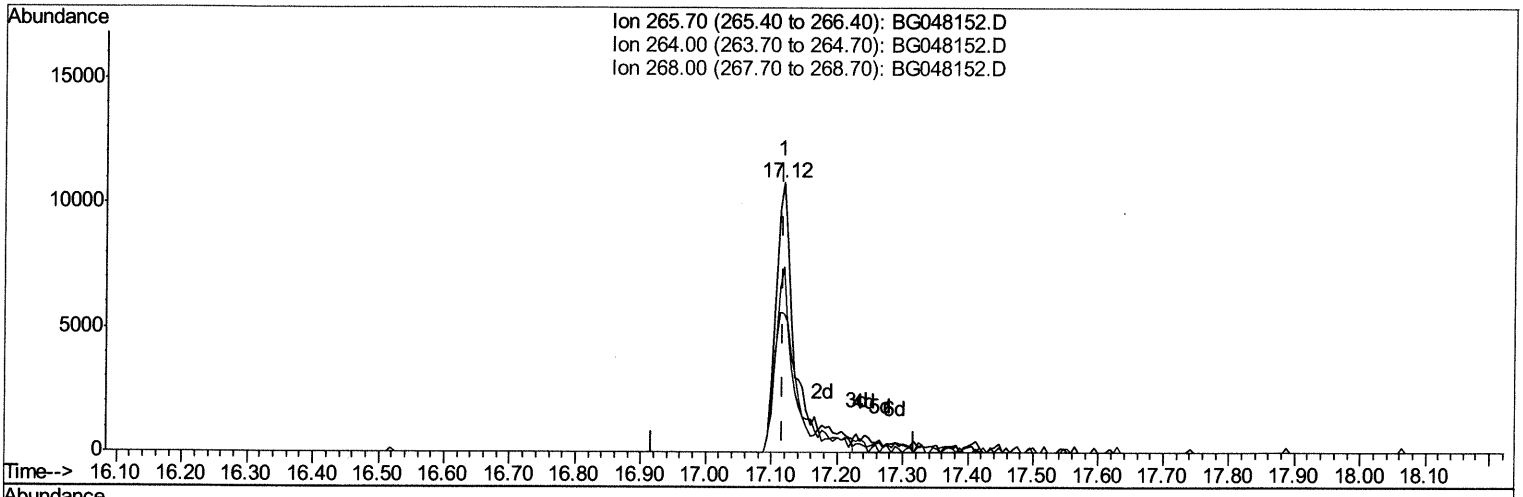

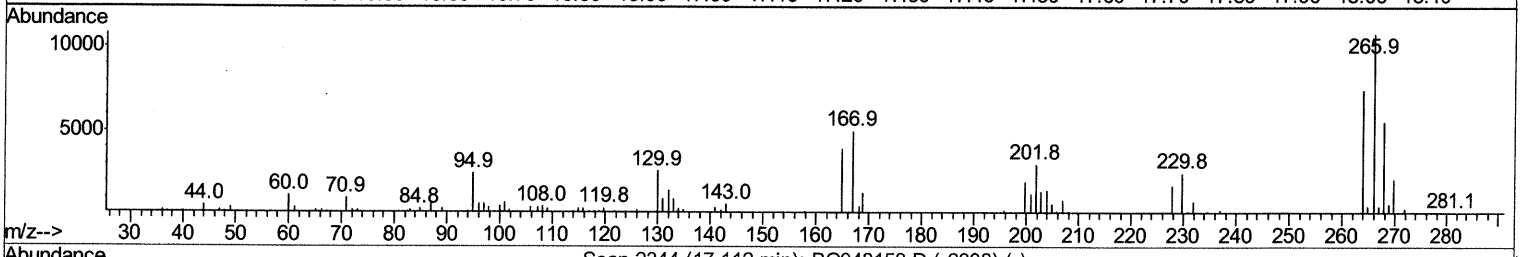

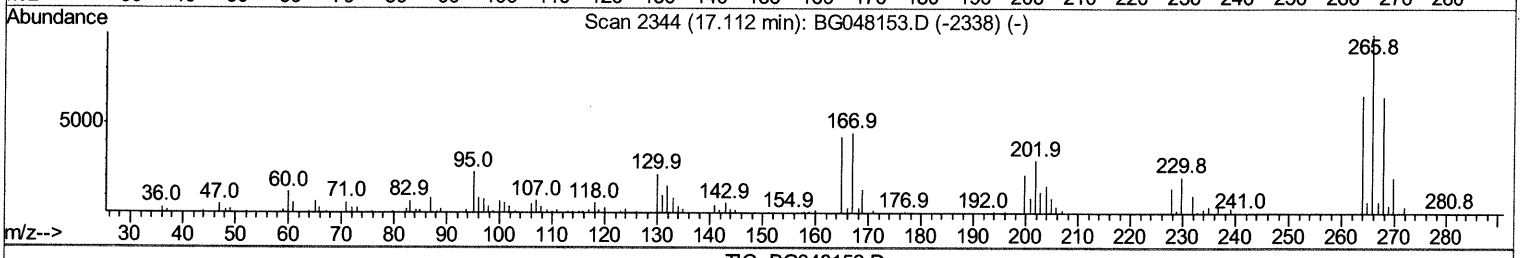

TIC: BG048152.D

(69) Pentachlorophenol (C)

17.118min (0.000) 9.68ng/ul m 02/15/21 JU

response 22682

Ion	Exp%	Act%
265.70	100	100
264.00	68.70	68.74
268.00	51.20	51.24
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52876	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	203965	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	154096	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	385438	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	403226	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	409850	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	4964	5.00	ng/uL	0.00
5) Phenol-d5	7.24	99	42589	9.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	26421	11.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	30325	8.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	33081	9.21	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	15418	9.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	18212	9.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	35277	8.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	35989	9.00	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	114818	8.58	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	140935	9.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	17312	8.72	ng/ul	0.00
58) Fluorene-d10	15.71	176	100801	8.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	21086	8.08	ng/ul	0.00
71) Anthracene-d10	17.56	188	171767	8.93	ng/ul	0.00
79) Pyrene-d10	19.84	212	208635	8.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	210630	8.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	5973	5.833	ng/uL	100
4) Benzaldehyde	7.24	77	31589	13.154	ng/ul	100
6) Phenol	7.28	94	44426	10.391	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.51	93	36337	12.215	ng/ul	100
10) 2-Chlorophenol	7.66	128	32578	9.642	ng/ul	100
11) 2-Methylphenol	8.53	108	30707	9.036	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.63	45	47298	16.976	ng/ul	100
14) Acetophenone	8.92	105	57787	10.198	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.90	70	31394	10.025	ng/ul	100
16) 4-Methylphenol	8.86	108	35797	9.861	ng/ul	100
17) Hexachloroethane	9.19	117	14958	9.055	ng/ul	100
20) Nitrobenzene	9.30	77	46952	8.922	ng/ul	100
21) Isophorone	9.83	82	82672	9.142	ng/ul	100
23) 2-Nitrophenol	10.02	139	18754	9.148	ng/ul	100
24) 2,4-Dimethylphenol	10.07	107	42387	8.633	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.31	93	47967	11.580	ng/ul	100
27) 2,4-Dichlorophenol	10.55	162	34171	9.283	ng/ul	100
28) Naphthalene	10.97	128	104713	9.206	ng/ul	100
30) 4-Chloroaniline	11.07	127	37874	10.254	ng/ul	100
31) Hexachlorobutadiene	11.25	225	30436	7.572	ng/ul	100
32) Caprolactam	11.82	113	12140m>	9.790	ng/ul>	02/15/2021
33) 4-Chloro-3-methylphenol	12.17	107	37130	8.285	ng/ul	100
34) 2-Methylnaphthalene	12.56	142	79027	9.019	ng/ul	100

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Manual Integrations APPROVED
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2/15/2021 11:32:08 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.78	142	75006	7.383 ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.92	216	57079	9.321 ng/ul	100
38) Hexachlorocyclopentadiene	12.90	237	32480	7.596 ng/ul	100
39) 2,4,6-Trichlorophenol	13.16	196	32683	8.173 ng/ul	100
40) 2,4,5-Trichlorophenol	13.23	196	31668	7.657 ng/ul	100
41) 1,1'-Biphenyl	13.56	154	105232	9.072 ng/ul	100
42) 2-Chloronaphthalene	13.60	162	89048	9.481 ng/ul	100
43) 2-Nitroaniline	13.80	65	29032	8.650 ng/ul	100
45) Dimethylphthalate	14.17	163	119421	8.808 ng/ul	100
46) 2,6-Dinitrotoluene	14.29	165	24431	8.423 ng/ul	100
48) Acenaphthylene	14.44	152	128714	9.076 ng/ul	100
49) 3-Nitroaniline	14.62	138	19748	9.979 ng/ul	100
50) Acenaphthene	14.79	153	94703	9.448 ng/ul	100
51) 2,4-Dinitrophenol	14.83	184	11253	6.720 ng/ul	100
53) 4-Nitrophenol	14.91	109	20201	6.183 ng/ul	100
54) Dibenzofuran	15.12	168	138558	9.474 ng/ul	100
55) 2,4-Dinitrotoluene	15.07	165	35787	8.744 ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.34	232	34141	8.824 ng/ul	100
57) Diethylphthalate	15.53	149	123722	9.349 ng/ul	100
59) Fluorene	15.77	166	113470	9.074 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.76	204	65687	8.405 ng/ul	100
61) 4-Nitroaniline	15.78	138	23349	10.575 ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.84	198	20556	7.814 ng/ul	100
65) N-Nitrosodiphenylamine	15.97	169	101818	9.583 ng/ul	100
66) 4-Bromophenyl-phenylether	16.65	248	45375	9.129 ng/ul	100
67) Hexachlorobenzene	16.77	284	48053	8.864 ng/ul	100
68) Atrazine	16.91	200	43376	8.812 ng/ul	100
69) Pentachlorophenol	17.12	266	22682m>	9.677 ng/ul>	02/15/21 JJ
70) Phenanthrene	17.51	178	201466	9.644 ng/ul	100
72) Anthracene	17.60	178	201536	9.678 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	57051	9.446 ng/uL	100
74) Pentachlorobenzene	15.04	250	55539	9.225 ng/uL	100
75) Carbazole	17.86	167	176006	10.599 ng/ul	100
76) Di-n-butylphthalate	18.42	149	202154	9.529 ng/ul	100
77) Fluoranthene	19.51	202	263527	9.914 ng/ul	100
80) Pyrene	19.87	202	270442	9.222 ng/ul	100
81) Butylbenzylphthalate	20.75	149	86058	8.820 ng/ul	100
82) 3,3'-Dichlorobenzidine	21.63	252	83261	9.036 ng/ul	100
83) Benzo(a)anthracene	21.72	228	263264	9.139 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.62	149	127534	9.313 ng/ul	100
85) Chrysene	21.78	228	248694	9.147 ng/ul	100
87) Di-n-octyl phthalate	22.85	149	215652	9.984 ng/ul	100
88) Benzo(b)fluoranthene	23.96	252	261893	9.154 ng/ul	100
89) Benzo(k)fluoranthene	24.03	252	258019	9.100 ng/ul	100
91) Benzo(a)pyrene	24.84	252	233263	9.041 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.71	276	289302	9.195 ng/ul	100
93) Dibenzo(a,h)anthracene	28.77	278	244850	9.284 ng/ul	100
94) Benzo(g,h,i)perylene	29.87	276	240367	9.305 ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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