Quantitation Report (Qedit)

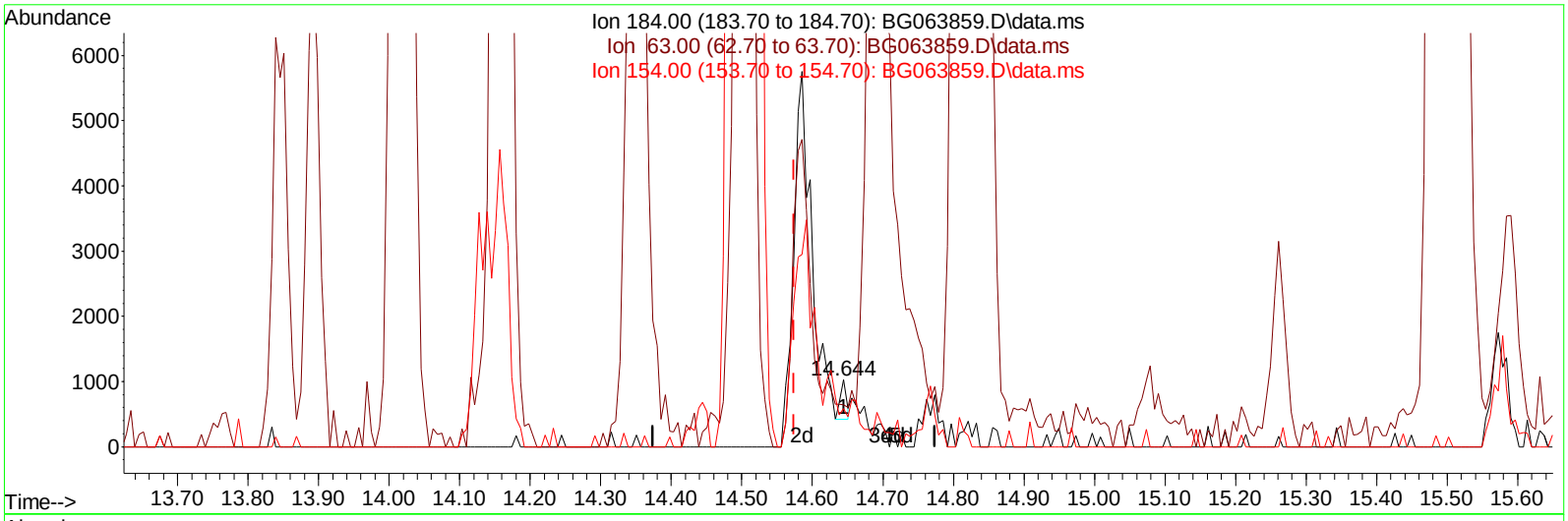
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063859.D
Acq On : 27 Dec 2024 6:47
Operator : RC/JU
Sample : PB165796BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

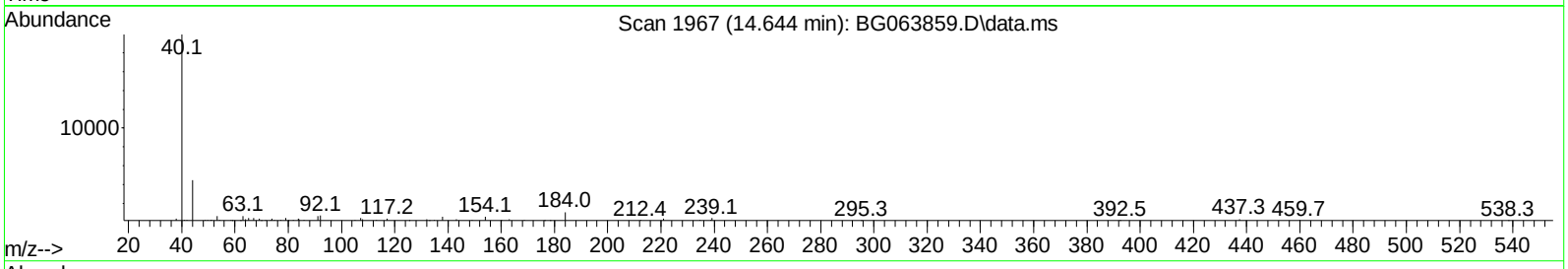
Quant Time: Dec 27 07:29:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

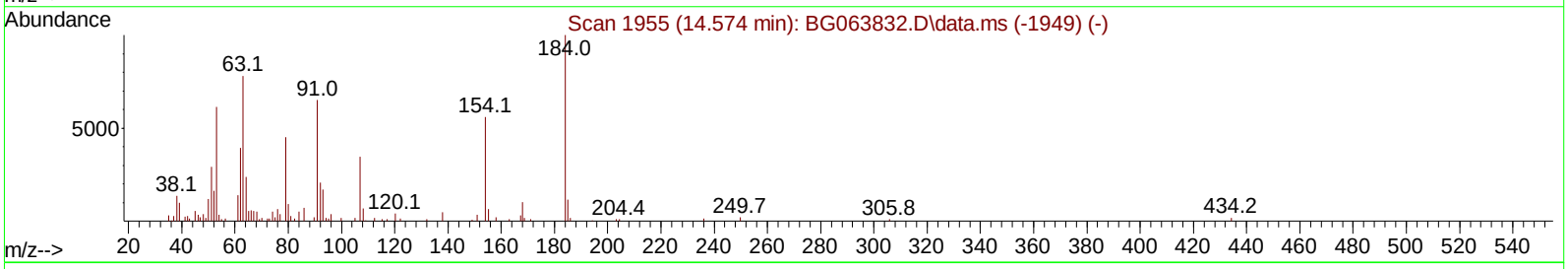
Instrument :
BNA_G
ClientSampleId :
SLCS796

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024







TIC: BG063859.D\data.ms

(53) 2,4-Dinitrophenol

14.644min (+ 0.070) 0.21 ng/ul

response 357

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	65.10	62.63
154.00	59.70	56.68
0.00	0.00	0.00

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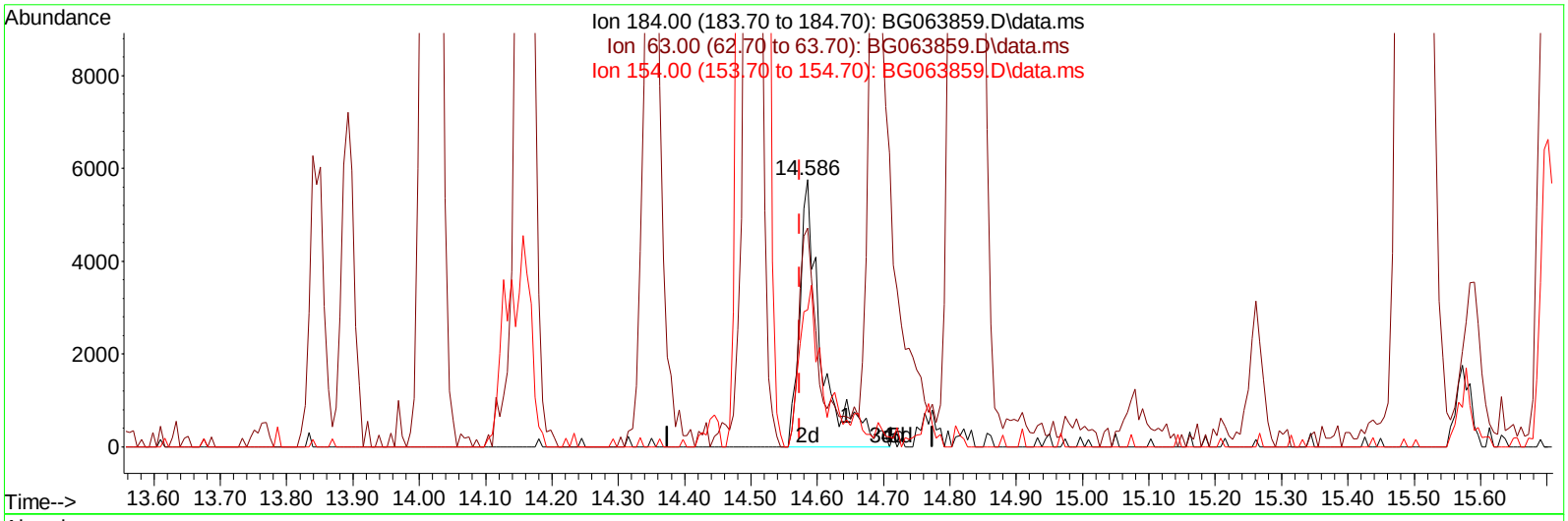

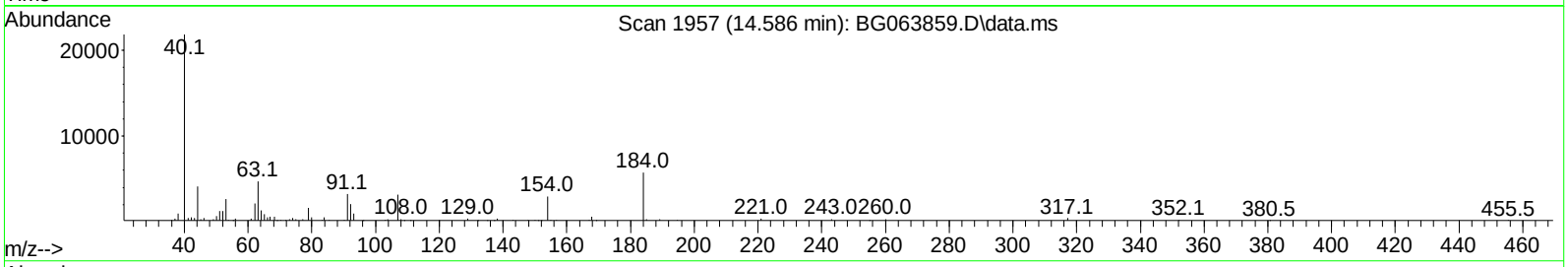

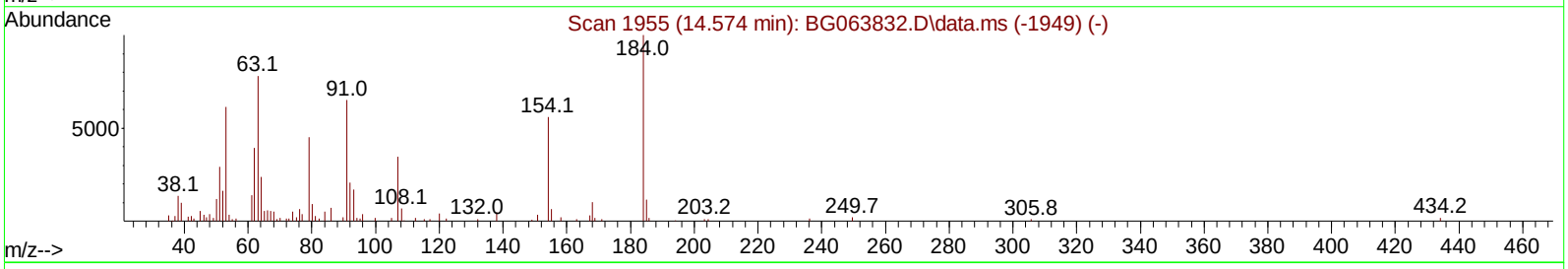

TIC: BG063859.D\data.ms

(53) 2,4-Dinitrophenol

14.586min (+ 0.011) 7.74 ng/ul m

response 13268

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	65.10	81.91#
154.00	59.70	51.28
0.00	0.00	0.00

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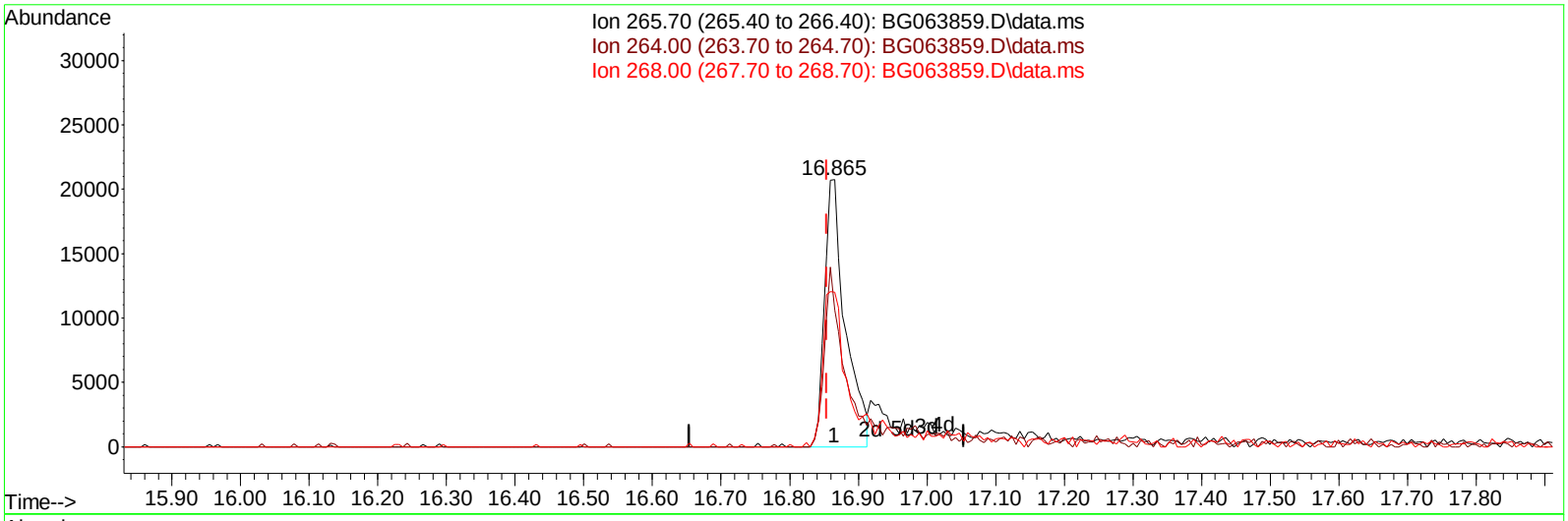

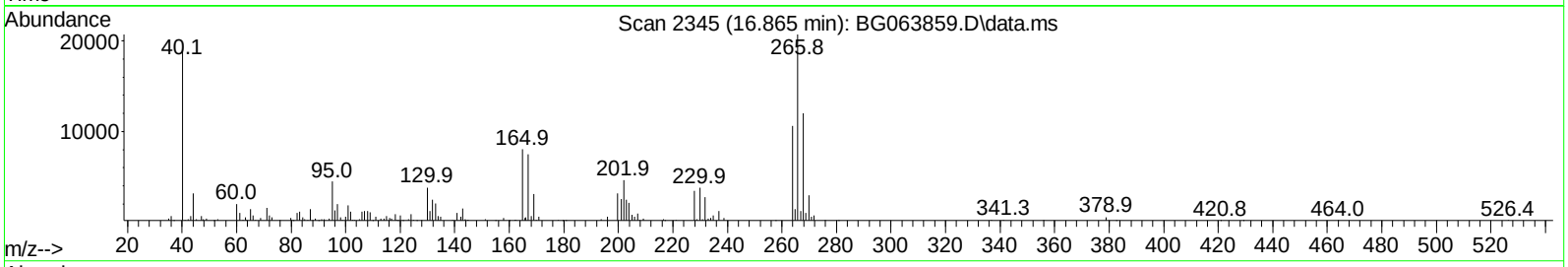

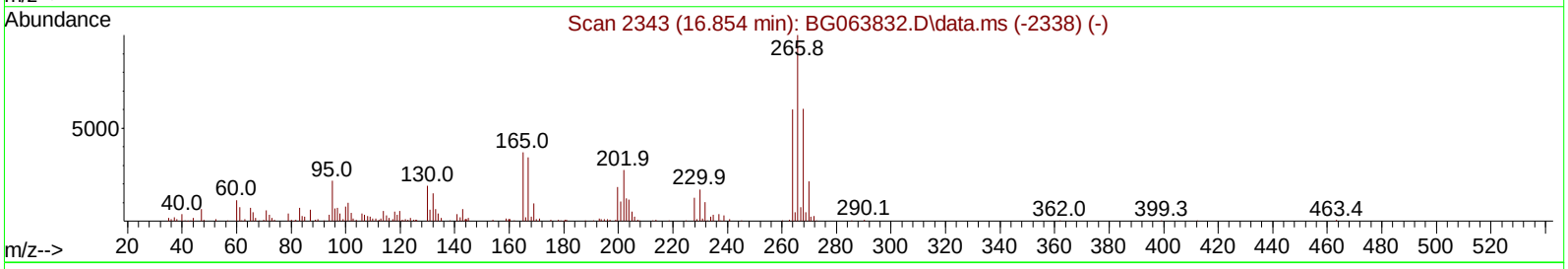

TIC: BG063859.D\data.ms

(71) Pentachlorophenol (C)

16.865min (+ 0.011) 13.06 ng/ul

response 43556

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	61.60	51.34
268.00	63.10	57.97
0.00	0.00	0.00

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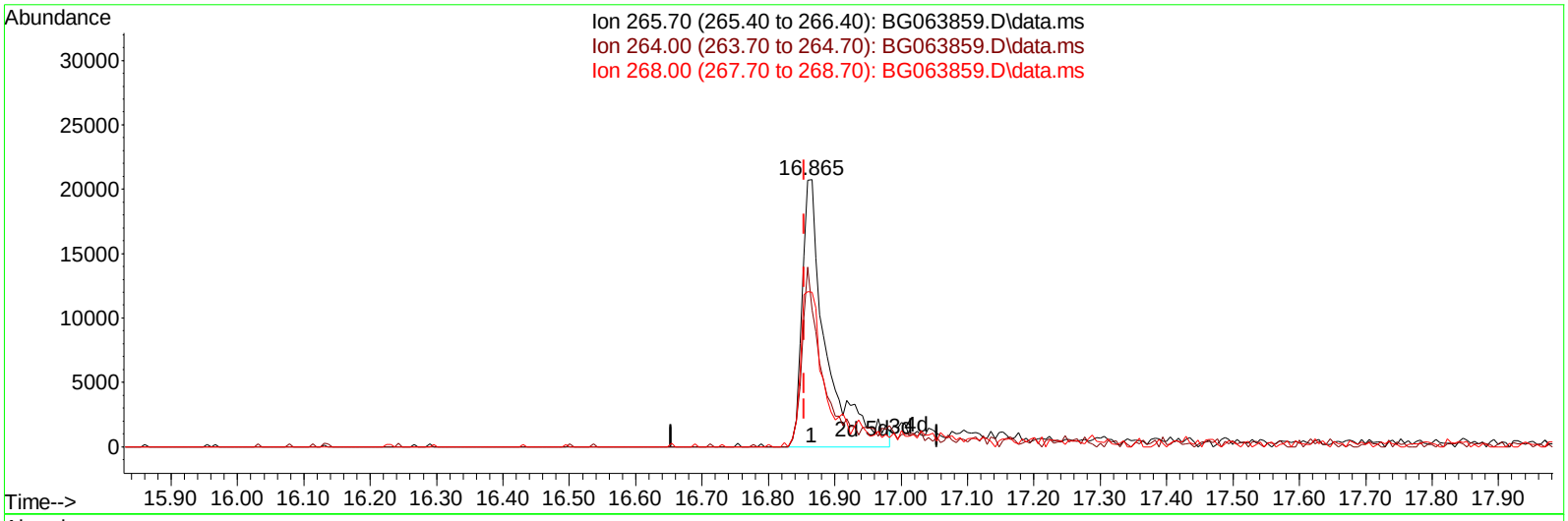

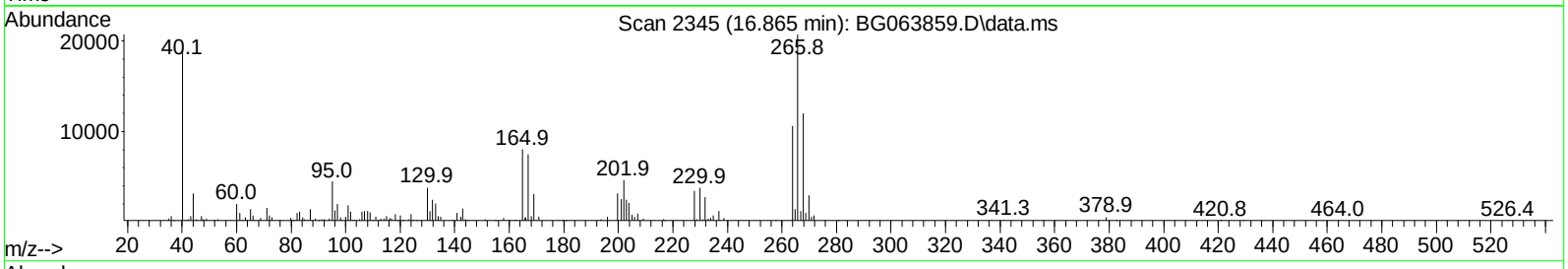

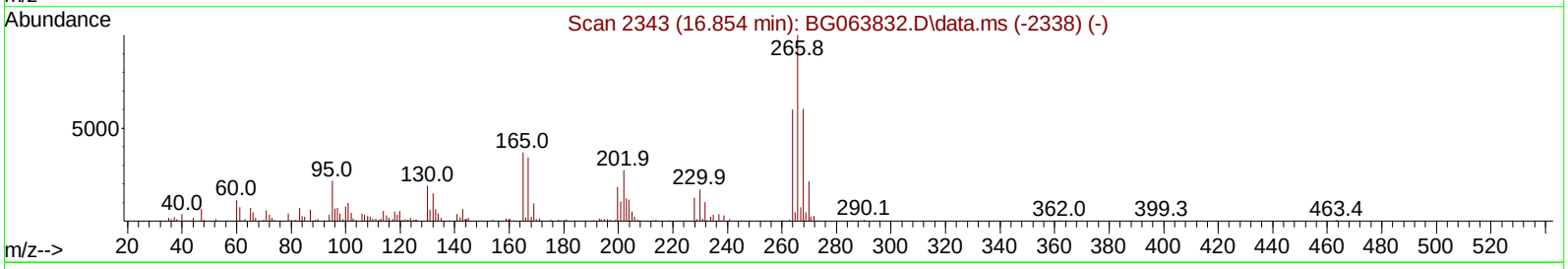

TIC: BG063859.D\data.ms

(71) Pentachlorophenol (C)

16.865min (+ 0.011) 15.73 ng/ul m

response 52469

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	61.60	51.34
268.00	63.10	57.97
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	7.793	152	88956	20.000	ng/ul	0.00
20) Naphthalene-d8	10.584	136	360262	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	264685	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.194	188	692972	20.000	ng/ul	0.00
79) Chrysene-d12	21.448	240	768717	20.000	ng/ul	0.01
88) Perylene-d12	24.468	264	805221	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	12614	5.557	ng/uL	0.00
4) Pyridine-d5	3.669	84	206193	28.794	ng/ul	0.00
7) Phenol-d5	6.989	99	227519	27.771	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	136097	24.052	ng/ul	0.00
11) 2-Chlorophenol-d4	7.335	132	153497	28.940	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	177060	27.836	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	73302	28.497	ng/ul	0.00
24) 2-Nitrophenol-d4	9.674	143	82107	28.476	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.220	165	166715	29.863	ng/ul	0.00
31) 4-Chloroaniline-d4	10.725	131	181692	25.633	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	503383	27.949	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	579140	28.208	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	60952	23.885	ng/ul	0.00
60) Fluorene-d10	15.437	176	462696	29.056	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.573	200	37950	10.548	ng/ul	0.00
73) Anthracene-d10	17.294	188	848320	28.473	ng/ul	0.00
81) Pyrene-d10	19.591	212	1051583	26.288	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.257	264	1071663	28.341	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	27074	10.078	ng/uL#	90
5) Pyridine	3.687	79	220869	28.796	ng/ul	95
6) Benzaldehyde	6.942	77	17676	3.517	ng/ul	97
8) Phenol	7.012	94	245786	28.149	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.224	93	164126	24.568	ng/ul	96
12) 2-Chlorophenol	7.365	128	161306	30.044	ng/ul	98
13) 2-Methylphenol	8.252	108	174595	27.666	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.316	45	255233	25.735	ng/ul	99
16) Acetophenone	8.616	105	271761	25.189	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.598	70	154759	24.040	ng/ul	92
18) 4-Methylphenol	8.581	108	195691	28.333	ng/ul	99
19) Hexachloroethane	8.869	117	64268	24.362	ng/ul	99
22) Nitrobenzene	8.992	77	236612	27.546	ng/ul	98
23) Isophorone	9.515	82	422825	26.052	ng/ul	98
25) 2-Nitrophenol	9.703	139	84072	28.371	ng/ul	91
26) 2,4-Dimethylphenol	9.774	107	196812	29.269	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.997	93	231740	26.399	ng/ul#	96
29) 2,4-Dichlorophenol	10.249	162	171289	30.879	ng/ul	95
30) Naphthalene	10.637	128	504763	28.024	ng/ul	98
32) 4-Chloroaniline	10.749	127	126373	18.738	ng/ul	96
33) Hexachlorobutadiene	10.919	225	113372	25.157	ng/ul	94
34) Caprolactam	11.507	113	60449	31.525	ng/ul	95
35) 4-Chloro-3-methylphenol	11.895	107	197807	30.374	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.253	142	351182	27.128 ng/ul	99
37) 1-Methylnaphthalene	12.470	142	360744	27.358 ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.629	216	216540	25.556 ng/ul	96
40) Hexachlorocyclopentadiene	12.600	237	29801	8.897 ng/ul	87
41) 2,4,6-Trichlorophenol	12.876	196	147238	30.745 ng/ul	97
42) 2,4,5-Trichlorophenol	12.958	196	157824	31.578 ng/ul	94
43) 1,1'-Biphenyl	13.269	154	489027	28.016 ng/ul	95
44) 2-Chloronaphthalene	13.311	162	397012	28.323 ng/ul	97
45) 2-Nitroaniline	13.522	65	153997	32.799 ng/ul	96
47) Dimethylphthalate	13.892	163	528657	29.288 ng/ul#	98
48) 2,6-Dinitrotoluene	14.022	165	107648	32.111 ng/ul#	89
50) Acenaphthylene	14.163	152	634626	28.828 ng/ul	98
51) 3-Nitroaniline	14.351	138	110587	35.680 ng/ul#	98
52) Acenaphthene	14.503	153	451834	28.957 ng/ul	98
53) 2,4-Dinitrophenol	14.586	184	13268m	7.745 ng/ul	
55) 4-Nitrophenol	14.691	109	57410	21.666 ng/ul	89
56) Dibenzofuran	14.844	168	668489	30.388 ng/ul	96
57) 2,4-Dinitrotoluene	14.815	165	165746	33.274 ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.079	232	131379	30.495 ng/ul#	95
59) Diethylphthalate	15.261	149	523164	29.981 ng/ul	98
61) Fluorene	15.490	166	530621	30.208 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.484	204	271367	27.730 ng/ul	99
63) 4-Nitroaniline	15.520	138	122596	39.510 ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.590	198	40892	11.032 ng/ul#	99
67) N-Nitrosodiphenylamine	15.702	169	475516	28.337 ng/ul	98
68) 4-Bromophenyl-phenylether	16.383	248	191737	27.149 ng/ul	98
69) Hexachlorobenzene	16.507	284	213340	26.962 ng/ul	95
70) Atrazine	16.660	200	197956	27.907 ng/ul	95
71) Pentachlorophenol	16.865	266	52469m	15.727 ng/ul	
72) Phenanthrene	17.235	178	1015980	30.424 ng/ul	99
74) Anthracene	17.329	178	1015290	30.039 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.234	216	218650	23.649 ng/ul	95
76) Pentachlorobenzene	14.768	250	230787	25.196 ng/ul	97
77) Carbazole	17.600	167	912162	33.340 ng/ul	99
78) Di-n-butylphthalate	18.158	149	1039383	31.457 ng/ul	98
80) Fluoranthene	19.257	202	1274885	28.040 ng/ul	97
82) Pyrene	19.621	202	1361953	28.155 ng/ul#	94
83) Butylbenzylphthalate	20.514	149	476385	32.082 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.348	252	351431	25.325 ng/ul#	96
85) Benzo(a)anthracene	21.430	228	1347438	27.969 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.342	149	693389	32.101 ng/ul	99
87) Chrysene	21.489	228	1267794	27.611 ng/ul	99
89) Di-n-octyl phthalate	22.476	149	1216641	35.006 ng/ul	100
90) Benzo(b)fluoranthene	23.516	252	1335225	29.176 ng/ul	98
91) Benzo(k)fluoranthene	23.575	252	1325835	29.043 ng/ul	99
93) Benzo(a)pyrene	24.327	252	1232900	28.701 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.876	276	1544831	29.448 ng/ul	97
95) Dibenzo(a,h)anthracene	27.923	278	1253547	29.863 ng/ul	99
96) Benzo(g,h,i)perylene	28.933	276	1189277	28.569 ng/ul	99

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

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