Quantitation Report (Qedit)

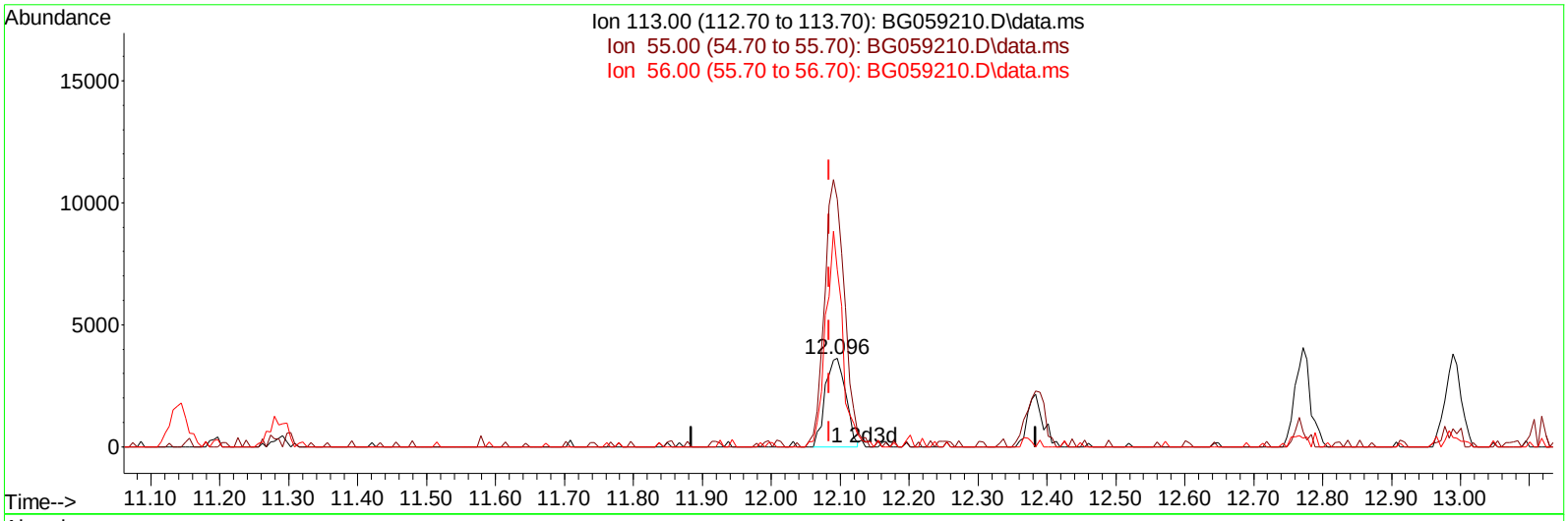
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059210.D
Acq On : 27 Sep 2023 00:31
Operator : MA/JU
Sample : 04450-18MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

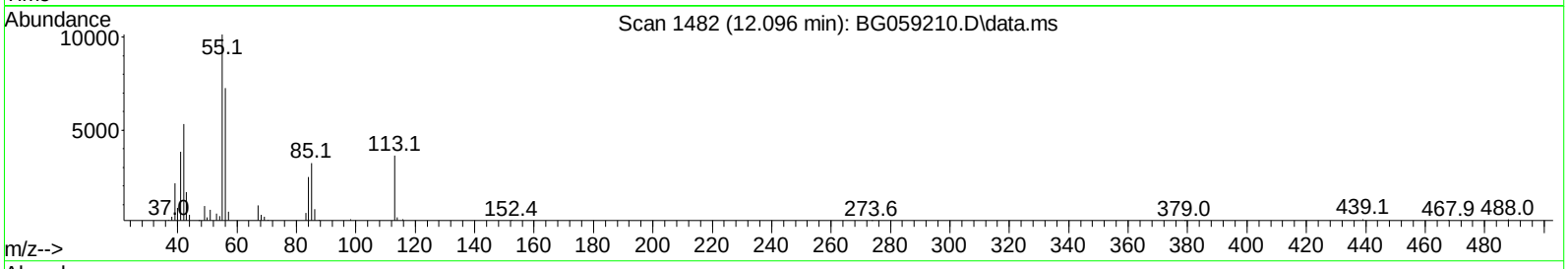
Quant Time: Sep 27 02:27:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 23:48:55 2023
Response via : Initial Calibration

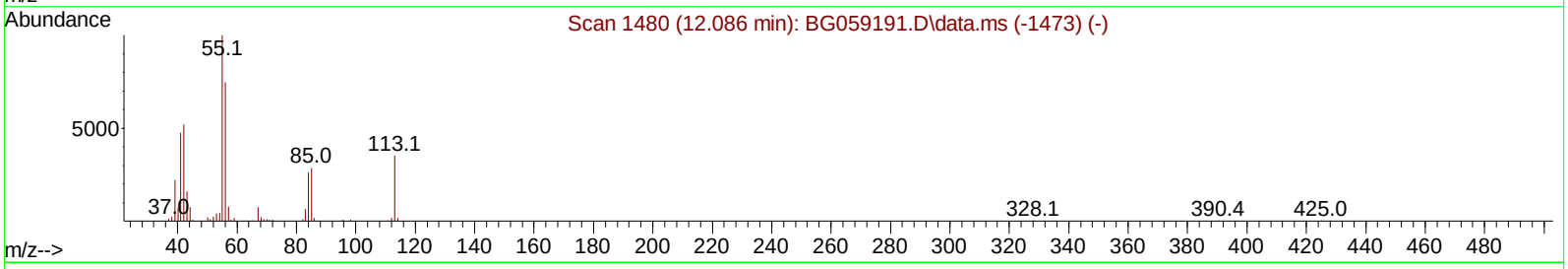
Instrument :
BNA_G
ClientSampleId :
BBHR2MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023







TIC: BG059210.D\data.ms

(34) Caprolactam

12.096min (+ 0.012) 6.84 ng/ul

response 7495

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.00	279.83#
56.00	140.40	200.19#
0.00	0.00	0.00

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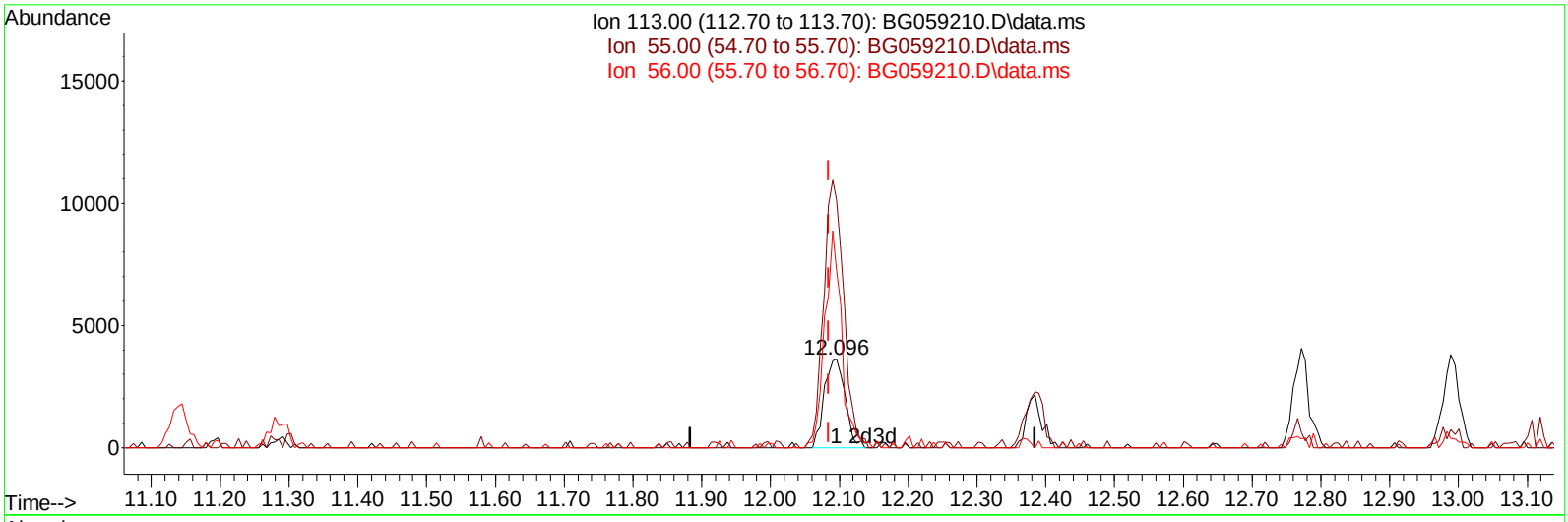

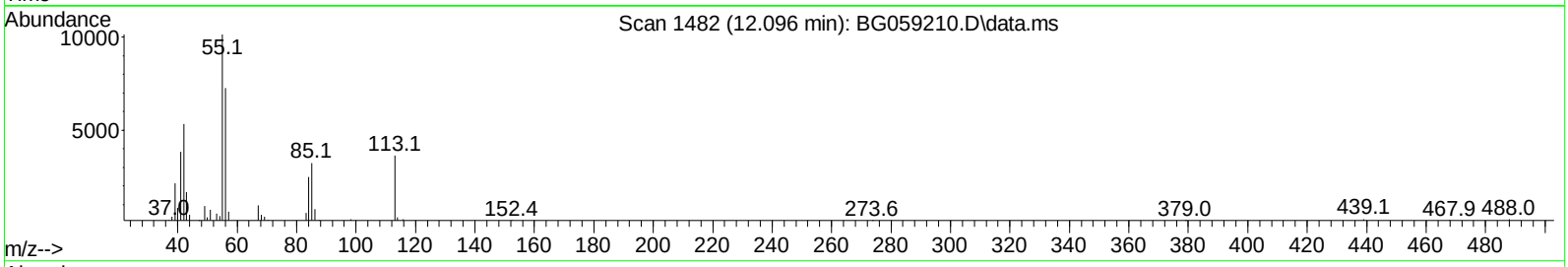

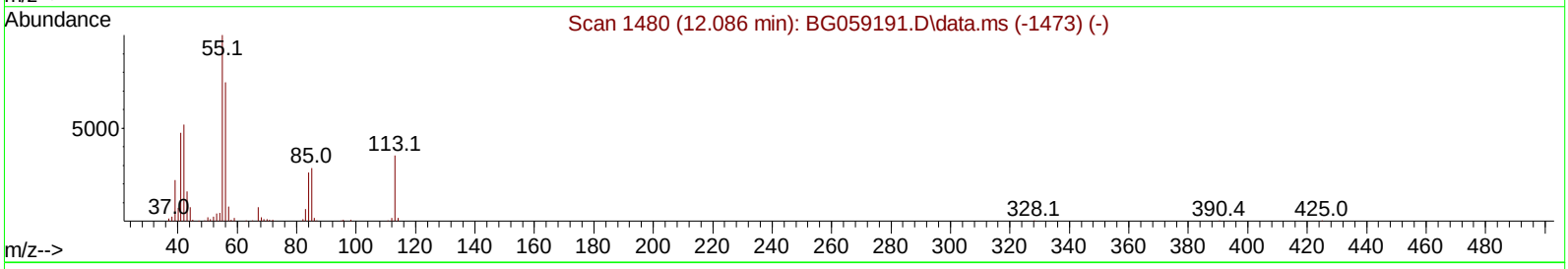

TIC: BG059210.D\data.ms

(34) Caprolactam

12.096min (+ 0.012) 6.92 ng/ul m

response 7589

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.00	279.83#
56.00	140.40	200.19#
0.00	0.00	0.00

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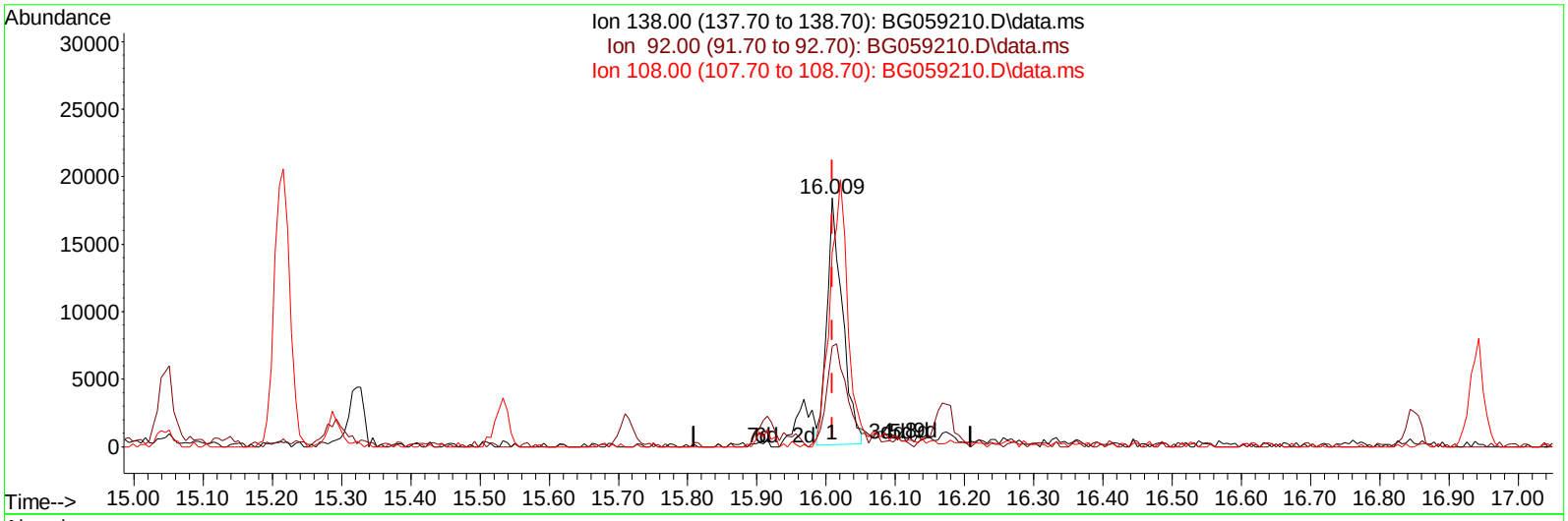

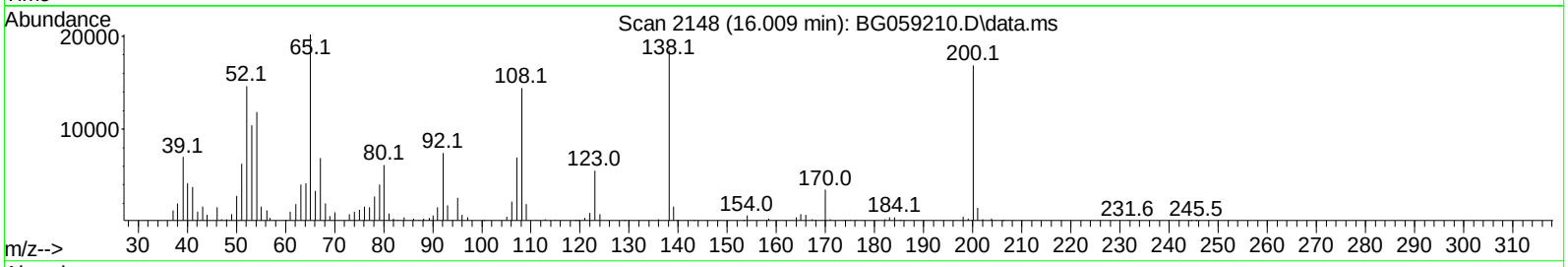

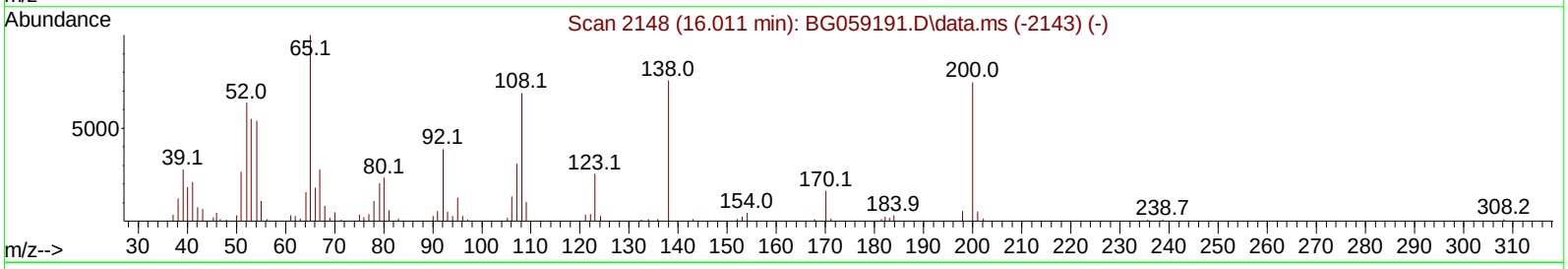

TIC: BG059210.D\data.ms

(63) 4-Nitroaniline

16.009min (-0.000) 13.66 ng/ul

response 28411

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.80	40.47
108.00	66.90	78.37
0.00	0.00	0.00

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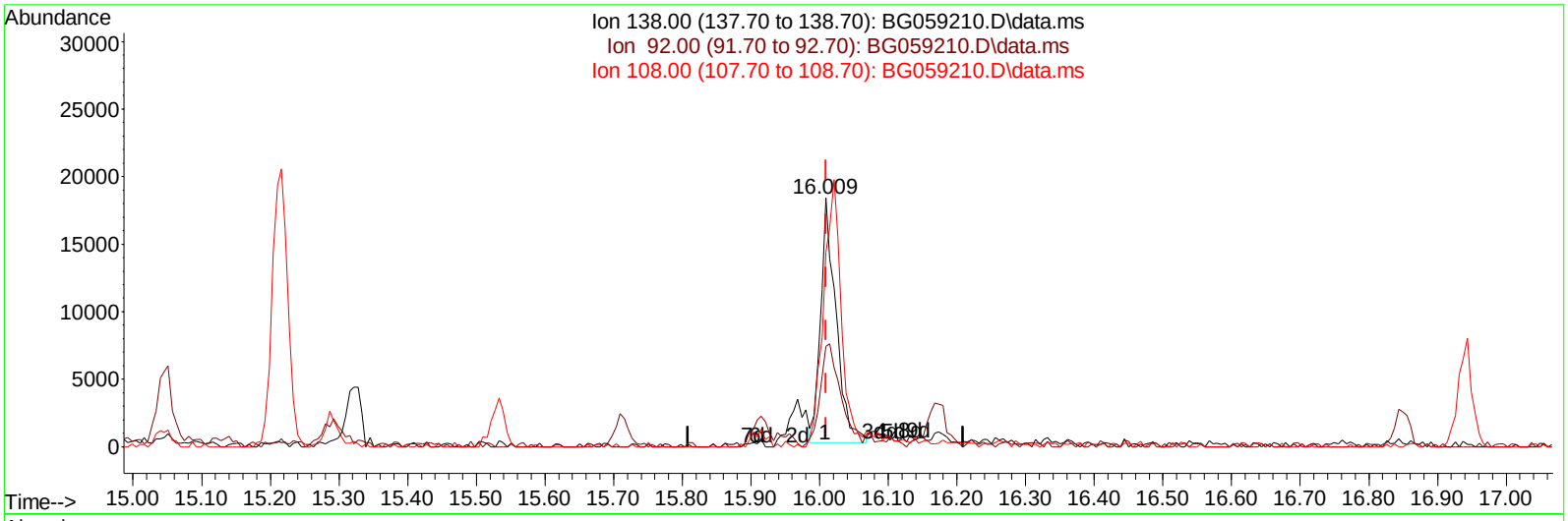

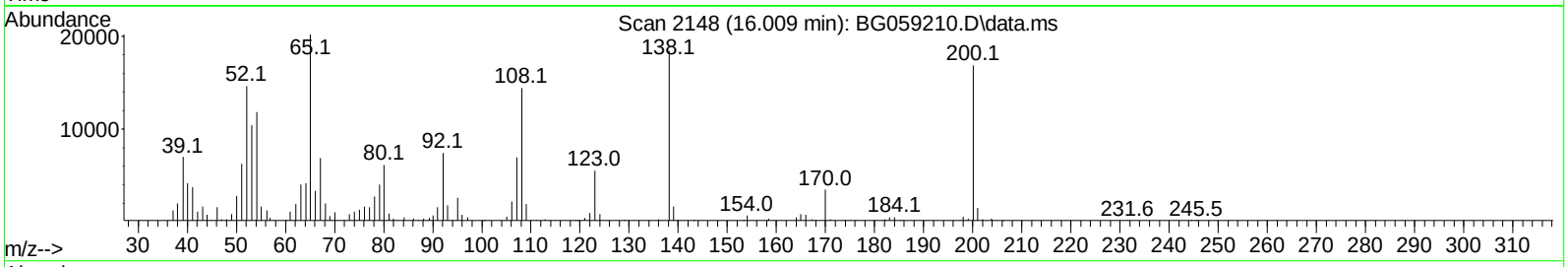

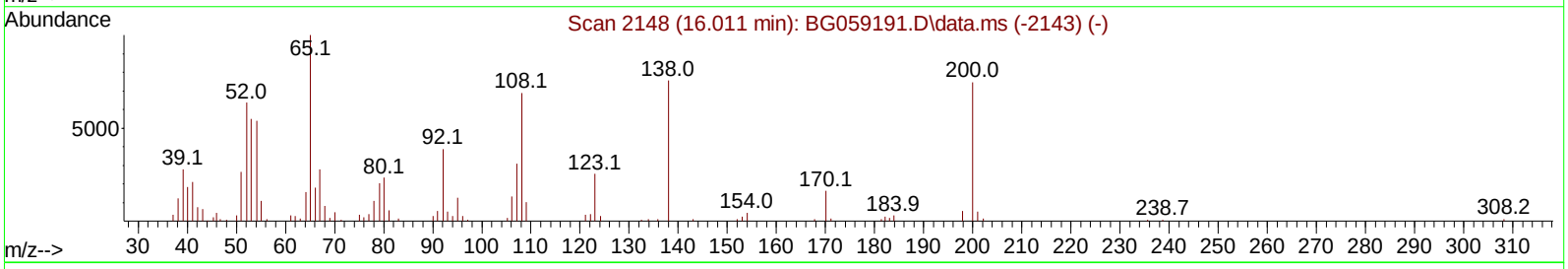

TIC: BG059210.D\data.ms

(63) 4-Nitroaniline

16.009min (-0.000) 13.74 ng/ul m

response 28579

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.80	40.47
108.00	66.90	78.37
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	8.295	152	36748	20.000	ng/ul	0.00
20) Naphthalene-d8	11.138	136	200140	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.928	164	140111	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.678	188	349078	20.000	ng/ul	0.00
79) Chrysene-d12	21.996	240	286682	20.000	ng/ul	0.00
88) Perylene-d12	25.545	264	336225	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.606	96	3346	3.564	ng/uL	0.00
4) Pyridine-d5	4.041	84	34807	12.637	ng/ul	0.00
7) Phenol-d5	7.419	99	38157	10.560	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.619	67	83777	37.781	ng/ul	0.00
11) 2-Chlorophenol-d4	7.813	132	82967	31.114	ng/ul	0.00
15) 4-Methylphenol-d8	8.988	113	61980	21.538	ng/ul	0.00
21) Nitrobenzene-d5	9.493	128	57036	36.931	ng/ul	0.00
24) 2-Nitrophenol-d4	10.216	143	58061	37.216	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.745	165	108570	36.656	ng/ul	0.00
31) 4-Chloroaniline-d4	11.285	131	137204	29.680	ng/ul	0.00
46) Dimethylphthalate-d6	14.317	166	464886	43.142	ng/ul	0.00
49) Acenaphthylene-d8	14.628	160	502514	38.300	ng/ul	0.00
54) 4-Nitrophenol-d4	15.110	143	12610	6.414	ng/ul	0.00
60) Fluorene-d10	15.915	176	419795	42.560	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.027	200	77032	38.815	ng/ul	0.00
73) Anthracene-d10	17.778	188	652557	41.085	ng/ul	0.00
81) Pyrene-d10	20.051	212	751303	44.837	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.298	264	690783	42.076	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.647	88	5494	5.175	ng/uL#	85
5) Pyridine	4.064	79	33922	12.087	ng/ul#	88
6) Benzaldehyde	7.443	77	77956	41.607	ng/ul	94
8) Phenol	7.449	94	38615	10.397	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.713	93	105180	35.274	ng/ul	93
12) 2-Chlorophenol	7.848	128	79460	29.207	ng/ul	93
13) 2-Methylphenol	8.723	108	67322	24.425	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.806	45	222875	36.000	ng/ul	99
16) Acetophenone	9.141	105	164421	37.112	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.100	70	89878	40.130	ng/ul#	94
18) 4-Methylphenol	9.053	108	66571	22.538	ng/ul	98
19) Hexachloroethane	9.382	117	33835	31.632	ng/ul	99
22) Nitrobenzene	9.540	77	129276	36.965	ng/ul	90
23) Isophorone	10.045	82	277305	36.977	ng/ul	99
25) 2-Nitrophenol	10.245	139	61389	35.211	ng/ul	97
26) 2,4-Dimethylphenol	10.275	107	70502	21.628	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.527	93	166513	35.689	ng/ul	98
29) 2,4-Dichlorophenol	10.768	162	103252	34.486	ng/ul	95
30) Naphthalene	11.191	128	368881	34.444	ng/ul	98
32) 4-Chloroaniline	11.309	127	129623	28.485	ng/ul	94
33) Hexachlorobutadiene	11.420	225	59886	31.076	ng/ul#	82
34) Caprolactam	12.096	113	7589m	6.921	ng/ul	
35) 4-Chloro-3-methylphenol	12.384	107	119384	37.855	ng/ul	94

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.772	142	263011	36.771	ng/ul	97
37) 1-Methylnaphthalene	12.989	142	269357	37.279	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.112	216	138703	33.768	ng/ul	99
40) Hexachlorocyclopentadiene	13.065	237	53876	20.573	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.359	196	104990	39.142	ng/ul#	87
42) 2,4,5-Trichlorophenol	13.430	196	116175	40.041	ng/ul	92
43) 1,1'-Biphenyl	13.765	154	397804	35.570	ng/ul	94
44) 2-Chloronaphthalene	13.818	162	303660	35.561	ng/ul	97
45) 2-Nitroaniline	14.035	65	92498	34.172	ng/ul	98
47) Dimethylphthalate	14.370	163	465118	42.261	ng/ul	99
48) 2,6-Dinitrotoluene	14.517	165	97234	47.809	ng/ul	93
50) Acenaphthylene	14.658	152	524603	37.433	ng/ul	98
51) 3-Nitroaniline	14.852	138	57039	25.418	ng/ul	90
52) Acenaphthene	14.993	153	368294	38.753	ng/ul	99
53) 2,4-Dinitrophenol	15.045	184	33247	27.130	ng/ul	89
55) 4-Nitrophenol	15.128	109	9077	6.986	ng/ul	92
56) Dibenzofuran	15.322	168	496609	39.396	ng/ul	99
57) 2,4-Dinitrotoluene	15.292	165	133957	45.686	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.533	232	115670	43.070	ng/ul#	91
59) Diethylphthalate	15.709	149	470099	43.347	ng/ul	98
61) Fluorene	15.968	166	447094	41.538	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.950	204	223933	41.919	ng/ul	96
63) 4-Nitroaniline	16.009	138	28579m	13.739	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.038	198	78524	36.710	ng/ul	99
67) N-Nitrosodiphenylamine	16.174	169	352457	37.924	ng/ul	97
68) 4-Bromophenyl-phenylether	16.849	248	142504	41.959	ng/ul	95
69) Hexachlorobenzene	16.943	284	161594	41.539	ng/ul#	92
70) Atrazine	17.108	200	142362	38.497	ng/ul	97
71) Pentachlorophenol	17.296	266	83672	33.113	ng/ul	88
72) Phenanthrene	17.719	178	789245	40.402	ng/ul	98
74) Anthracene	17.813	178	798783	40.018	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.724	216	143660	30.869	ng/uL	90
76) Pentachlorobenzene	15.216	250	157380	36.560	ng/uL	95
77) Carbazole	18.089	167	625606	37.699	ng/ul	100
78) Di-n-butylphthalate	18.588	149	856199	41.881	ng/ul	100
80) Fluoranthene	19.711	202	902341	43.213	ng/ul	98
82) Pyrene	20.081	202	942996	43.295	ng/ul	98
83) Butylbenzylphthalate	20.933	149	365713	46.484	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.885	252	112848	16.289	ng/ul	92
85) Benzo(a)anthracene	21.979	228	868596	41.732	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.802	149	549572	46.688	ng/ul	98
87) Chrysene	22.049	228	816586	42.069	ng/ul	99
89) Di-n-octyl phthalate	23.124	149	946849	46.062	ng/ul	100
90) Benzo(b)fluoranthene	24.399	252	900299	43.943	ng/ul	99
91) Benzo(k)fluoranthene	24.476	252	894858	42.127	ng/ul	96
93) Benzo(a)pyrene	25.380	252	806743	40.972	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.652	276	857858	38.308	ng/ul	97
95) Dibenzo(a,h)anthracene	29.740	278	617013	34.286	ng/ul	97
96) Benzo(g,h,i)perylene	30.980	276	732374	40.599	ng/ul	98

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

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