Quantitation Report (Qedit)

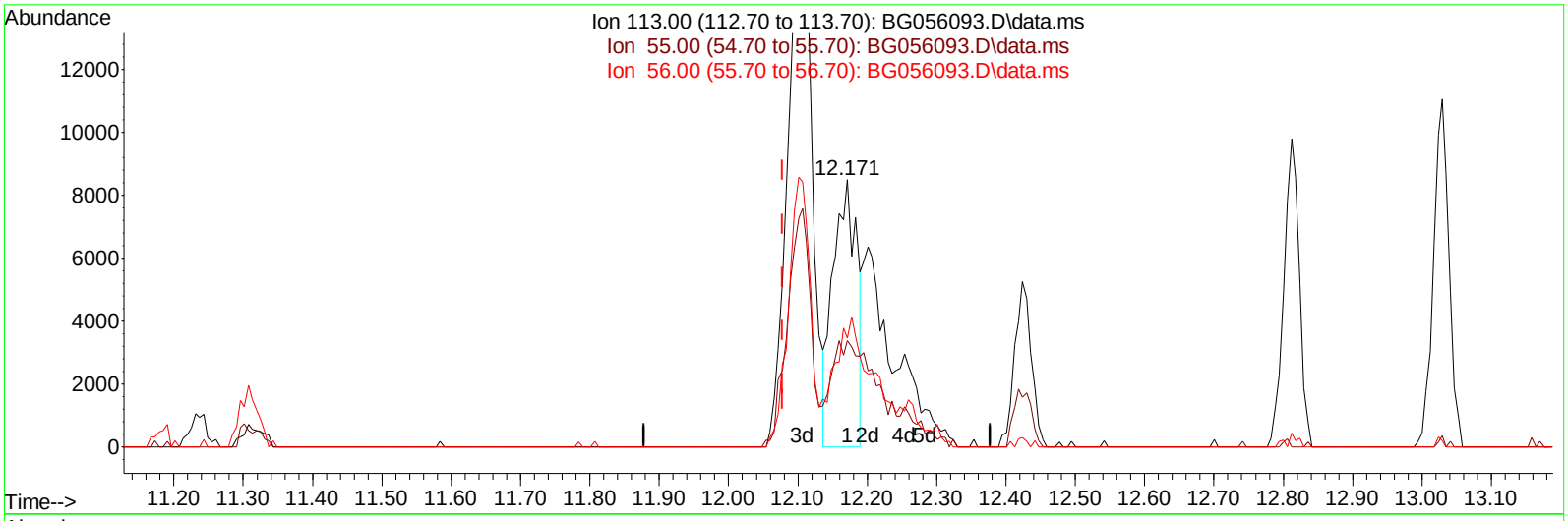
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056093.D
Acq On : 24 Dec 2022 17:07
Operator : CG/JU
Sample : SSTD08045
Misc :
ALS Vial : 6 Sample Multiplier: 1

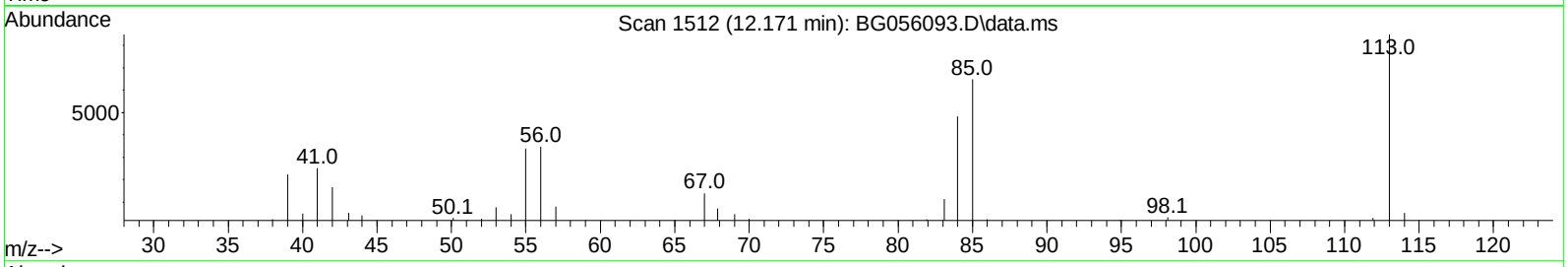
Quant Time: Dec 24 21:49:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 24 18:26:52 2022
Response via : Initial Calibration

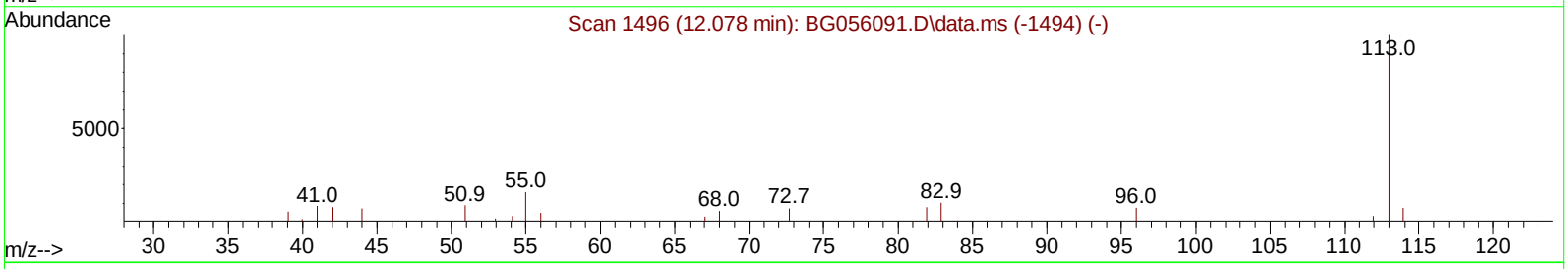
Instrument :
BNA_G
ClientSampleId :
SSTD080446

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022







TIC: BG056093.D\data.ms

(34) Caprolactam

12.171min (+ 0.093) 19.76 ng/ul

response 20082

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	35.00	39.85
56.00	34.60	40.77
0.00	0.00	0.00

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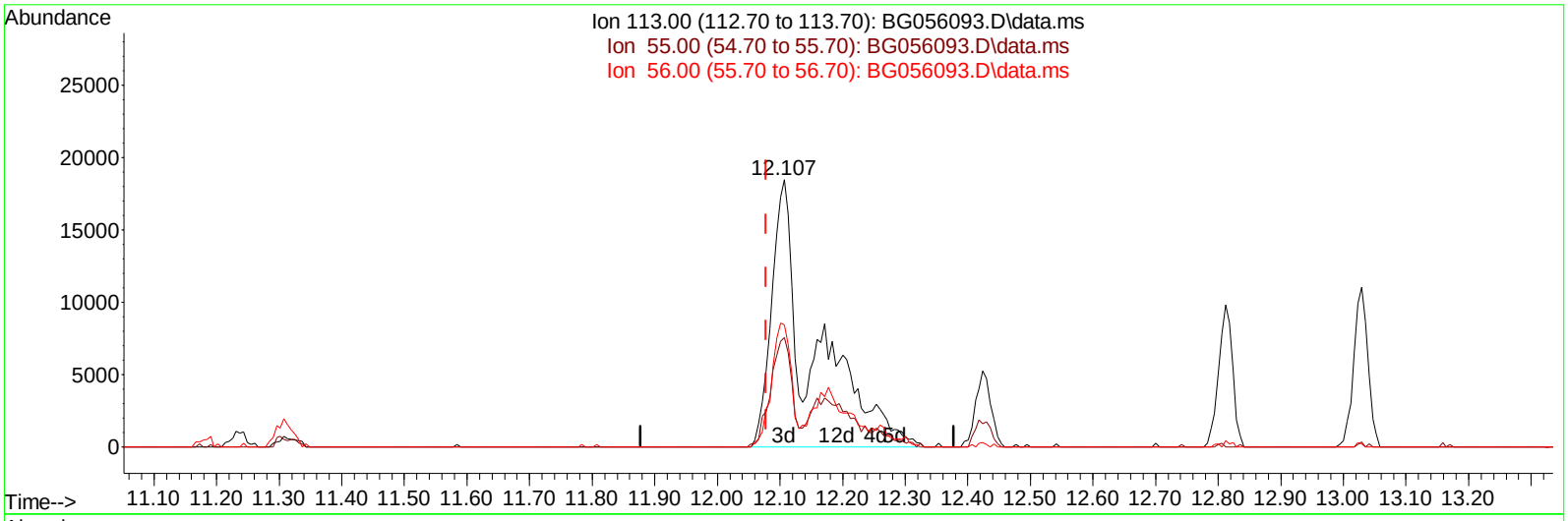

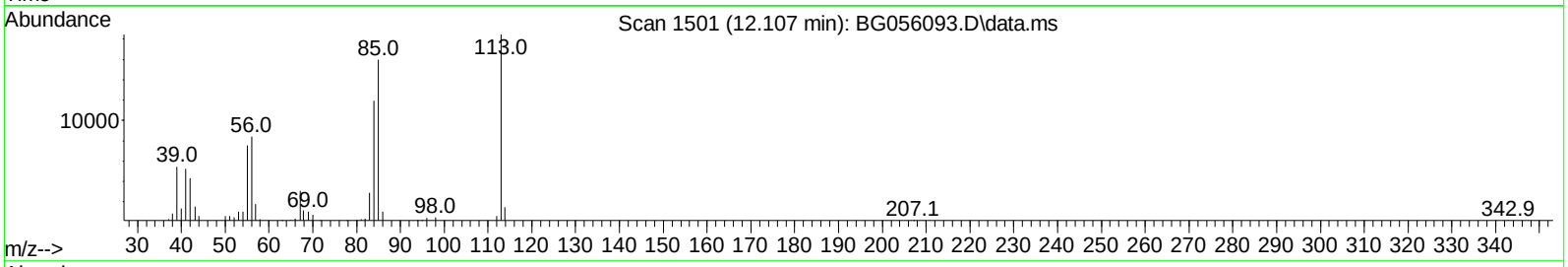

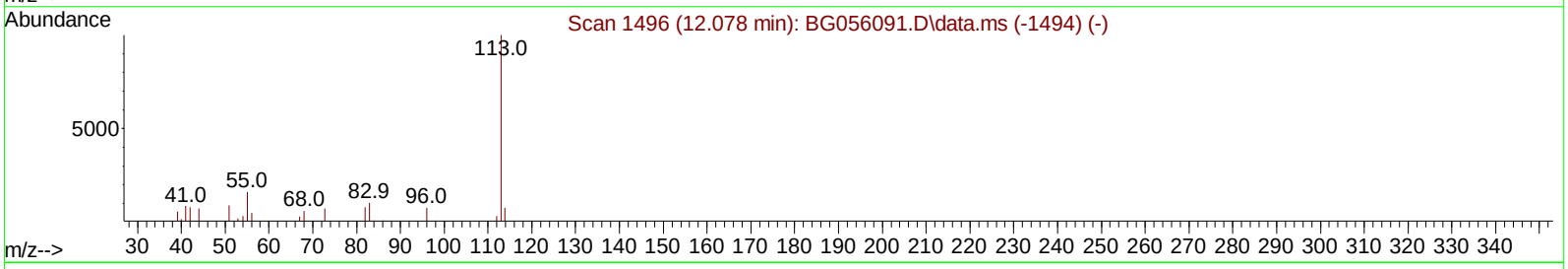

TIC: BG056093.D\data.ms

(34) Caprolactam

12.107min (+ 0.029) 81.34 ng/ul m

response 82662

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	35.00	40.99
56.00	34.60	45.57#
0.00	0.00	0.00

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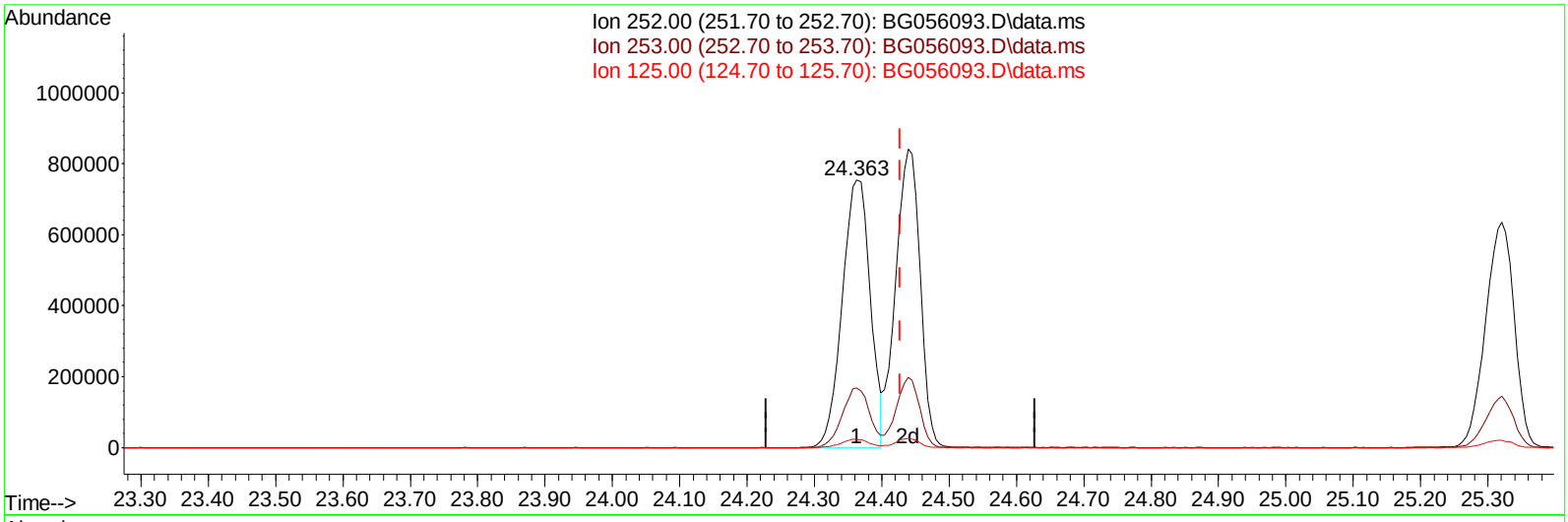

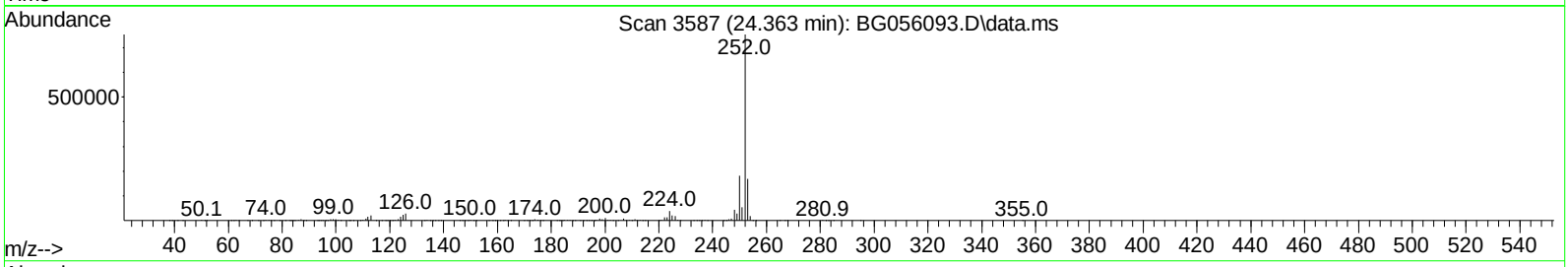

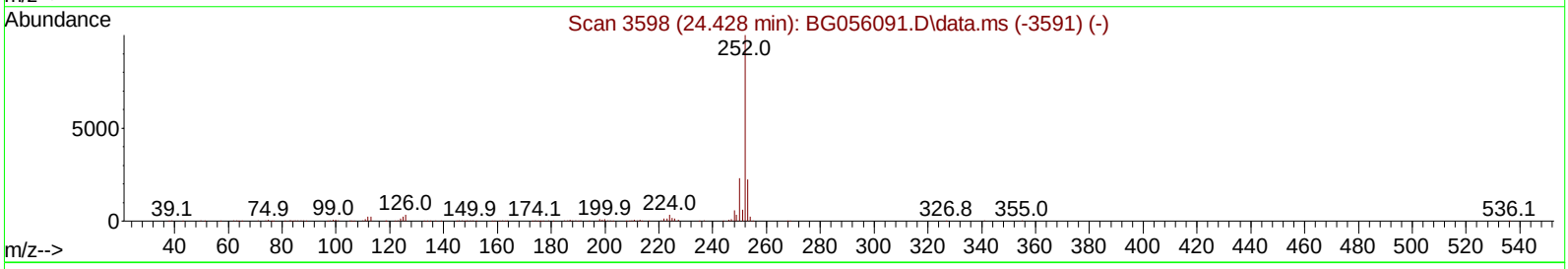

TIC: BG056093.D\data.ms

(91) Benzo(k)fluoranthene

24.363min (-0.065) 82.11 ng/ul

response 2178933

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	22.25
125.00	2.50	2.92
0.00	0.00	0.00

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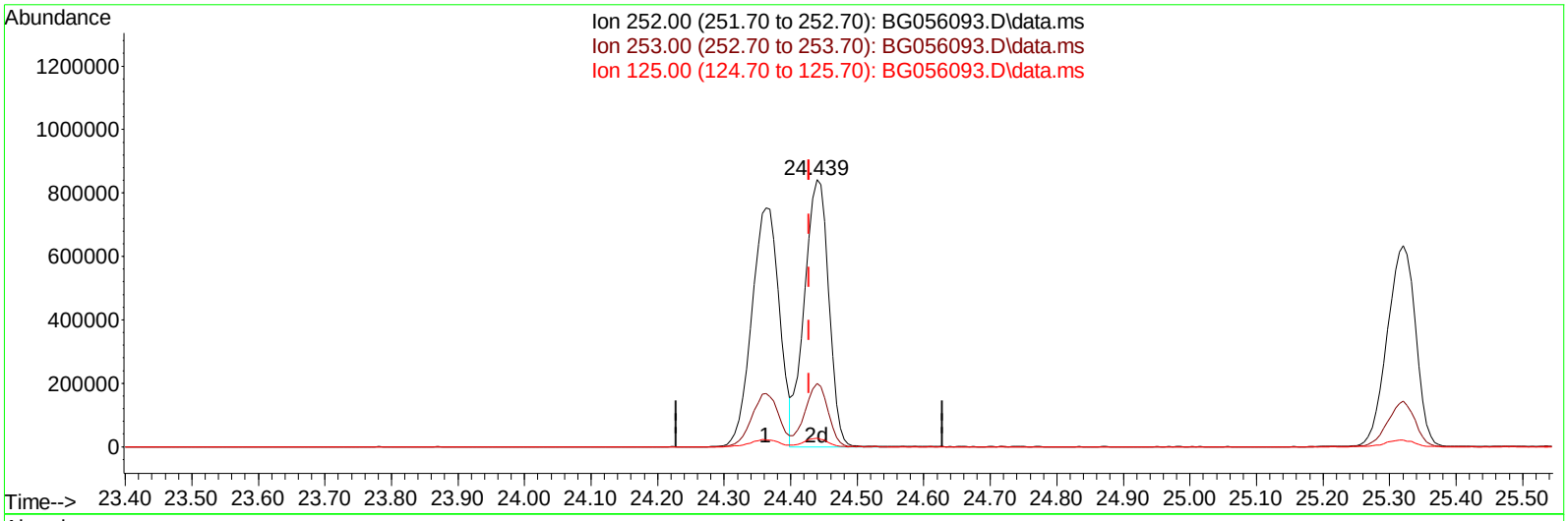

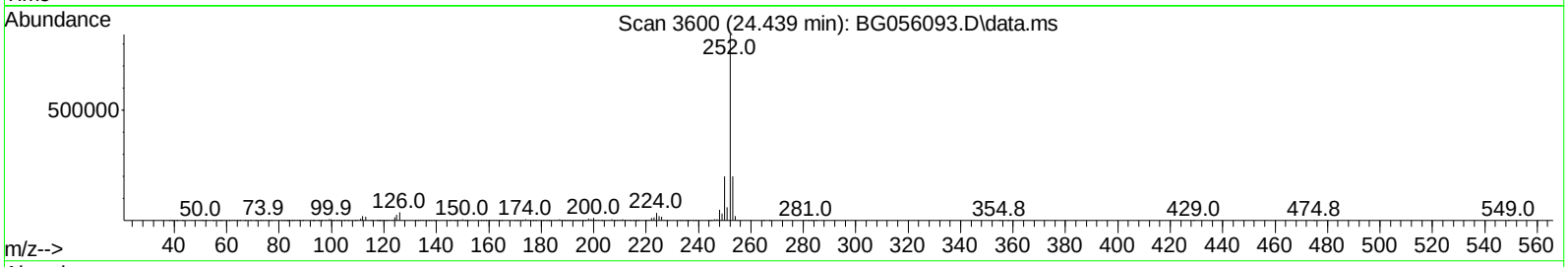

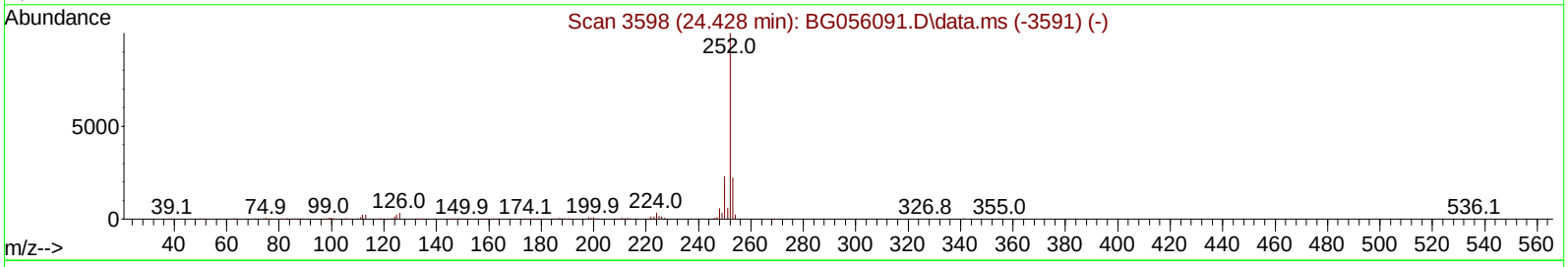

TIC: BG056093.D\data.ms

(91) Benzo(k)fluoranthene

24.439min (+ 0.011) 80.49 ng/ul m

response 2136158

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	23.63
125.00	2.50	3.16#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.346	152	42006	20.000	ng/ul		0.00
20) Naphthalene-d8	11.184	136	166384	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.956	164	146170	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.694	188	380083	20.000	ng/ul	#	0.00
79) Chrysene-d12	22.001	240	382413	20.000	ng/ul		0.01
88) Perylene-d12	25.468	264	412203	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.652	96	29635	29.529	ng/uL		0.00
4) Pyridine-d5	4.081	84	256663	78.445	ng/ul		0.00
7) Phenol-d5	7.477	99	310078	81.378	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.659	67	119762	79.746	ng/ul		0.00
11) 2-Chlorophenol-d4	7.876	132	196506	87.258	ng/ul		0.00
15) 4-Methylphenol-d8	9.046	113	239370	83.472	ng/ul		0.01
21) Nitrobenzene-d5	9.527	128	105059	86.693	ng/ul		0.00
24) 2-Nitrophenol-d4	10.250	143	131706	83.184	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.791	165	294232	83.627	ng/ul		0.00
31) 4-Chloroaniline-d4	11.308	131	313840	78.862	ng/ul		0.00
46) Dimethylphthalate-d6	14.351	166	908264	80.285	ng/ul		0.00
49) Acenaphthylene-d8	14.657	160	1028602	80.511	ng/ul		0.00
54) 4-Nitrophenol-d4	15.133	143	139828	82.110	ng/ul		0.02
60) Fluorene-d10	15.943	176	860127	77.026	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	16.055	200	198196	81.117	ng/ul		0.01
73) Anthracene-d10	17.794	188	1365877	77.765	ng/ul		0.00
81) Pyrene-d10	20.056	212	1678987	79.498	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.238	264	1685446	80.446	ng/ul		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.687	88	31552	29.219	ng/uL		97
5) Pyridine	4.104	79	250741	79.503	ng/ul	#	93
6) Benzaldehyde	7.471	77	111819	79.936	ng/ul	#	86
8) Phenol	7.506	94	307189	81.007	ng/ul		99
10) Bis(2-Chloroethyl)ether	7.753	93	196637	78.776	ng/ul		100
12) 2-Chlorophenol	7.906	128	196474	86.860	ng/ul		95
13) 2-Methylphenol	8.775	108	236654	83.117	ng/ul		100
14) 2,2'-oxybis(1-Chloropr...	8.869	45	27353	85.314	ng/ul	#	77
16) Acetophenone	9.181	105	383927	80.825	ng/ul		97
17) N-Nitroso-di-n-propyla...	9.169	70	168238	83.769	ng/ul		94
18) 4-Methylphenol	9.116	108	255304	82.779	ng/ul		95
19) Hexachloroethane	9.445	117	74258	81.650	ng/ul		89
22) Nitrobenzene	9.569	77	253847	84.417	ng/ul		98
23) Isophorone	10.097	82	535617	77.905	ng/ul		99
25) 2-Nitrophenol	10.285	139	127628	83.505	ng/ul	#	83
26) 2,4-Dimethylphenol	10.326	107	289828	80.139	ng/ul		98
27) Bis(2-Chloroethoxy)met...	10.567	93	279227	78.368	ng/ul		99
29) 2,4-Dichlorophenol	10.820	162	281942	83.901	ng/ul	#	89
30) Naphthalene	11.237	128	701817	80.953	ng/ul		98
32) 4-Chloroaniline	11.337	127	318554	79.435	ng/ul		96
33) Hexachlorobutadiene	11.507	225	242092	76.876	ng/ul		99
34) Caprolactam	12.107	113	82662m	81.336	ng/ul		
35) 4-Chloro-3-methylphenol	12.424	107	268024	83.021	ng/ul		99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.812	142	552515	79.492	ng/ul	95
37) 1-Methylnaphthalene	13.029	142	560232	80.011	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.170	216	482297	80.006	ng/ul	97
40) Hexachlorocyclopentadiene	13.147	237	326273	83.475	ng/ul	98
41) 2,4,6-Trichlorophenol	13.399	196	300273	84.511	ng/ul	92
42) 2,4,5-Trichlorophenol	13.476	196	319329	82.891	ng/ul	93
43) 1,1'-Biphenyl	13.799	154	841549	81.437	ng/ul	98
44) 2-Chloronaphthalene	13.852	162	699369	81.652	ng/ul	99
45) 2-Nitroaniline	14.040	65	115712	97.283	ng/ul#	76
47) Dimethylphthalate	14.398	163	885509	78.936	ng/ul	98
48) 2,6-Dinitrotoluene	14.527	165	185570	83.807	ng/ul	95
50) Acenaphthylene	14.686	152	1015900	80.014	ng/ul	97
51) 3-Nitroaniline	14.856	138	132965	79.943	ng/ul	93
52) Acenaphthene	15.021	153	721484	80.890	ng/ul	92
53) 2,4-Dinitrophenol	15.056	184	139695	81.053	ng/ul#	90
55) 4-Nitrophenol	15.150	109	139286	84.072	ng/ul	95
56) Dibenzofuran	15.356	168	1098322	78.671	ng/ul	99
57) 2,4-Dinitrotoluene	15.309	165	253908	82.690	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.573	232	313707	82.380	ng/ul#	97
59) Diethylphthalate	15.750	149	796806	79.503	ng/ul	97
61) Fluorene	16.002	166	890053	77.611	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.985	204	575183	77.203	ng/ul	99
63) 4-Nitroaniline	16.014	138	132865	83.717	ng/ul#	75
66) 4,6-Dinitro-2-methylph...	16.067	198	190751	81.429	ng/ul#	93
67) N-Nitrosodiphenylamine	16.190	169	794187	82.468	ng/ul	100
68) 4-Bromophenyl-phenylether	16.872	248	396578	82.301	ng/ul	96
69) Hexachlorobenzene	17.001	284	379225	81.314	ng/ul	99
70) Atrazine	17.130	200	359743	78.346	ng/ul	99
71) Pentachlorophenol	17.336	266	247138	83.350	ng/ul	92
72) Phenanthrene	17.741	178	1512929	78.408	ng/ul	99
74) Anthracene	17.829	178	1522282	77.067	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.770	216	497782	86.341	ng/uL	95
76) Pentachlorobenzene	15.274	250	480546	84.436	ng/uL	93
77) Carbazole	18.094	167	1247957	77.277	ng/ul	99
78) Di-n-butylphthalate	18.623	149	1247933	84.580	ng/ul	100
80) Fluoranthene	19.727	202	1968857	79.279	ng/ul	99
82) Pyrene	20.092	202	1927843	76.951	ng/ul	99
83) Butylbenzylphthalate	20.949	149	519697	97.479	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.878	252	659387	76.744	ng/ul	98
85) Benzo(a)anthracene	21.978	228	2059849	78.917	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.848	149	787820	96.461	ng/ul	99
87) Chrysene	22.048	228	1909541	78.829	ng/ul	96
89) Di-n-octyl phthalate	23.147	149	1317808	86.391	ng/ul	100
90) Benzo(b)fluoranthene	24.363	252	2178933	80.073	ng/ul	98
91) Benzo(k)fluoranthene	24.439	252	2136158m	80.494	ng/ul	
93) Benzo(a)pyrene	25.321	252	1890482	79.728	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.486	276	2482383	79.553	ng/ul	97
95) Dibenzo(a,h)anthracene	29.569	278	2039590	78.078	ng/ul	99
96) Benzo(g,h,i)perylene	30.761	276	1973724	78.761	ng/ul	99

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

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