Quantitation Report (Qedit)

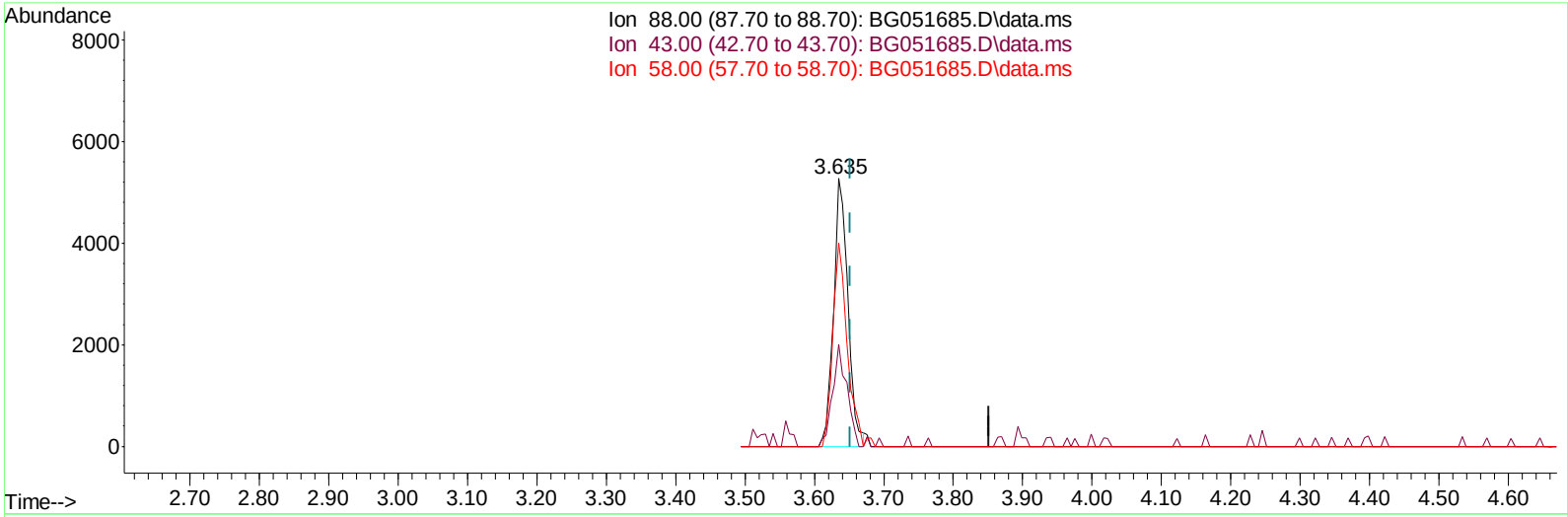
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051685.D
Acq On : 20 Dec 2021 17:27
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

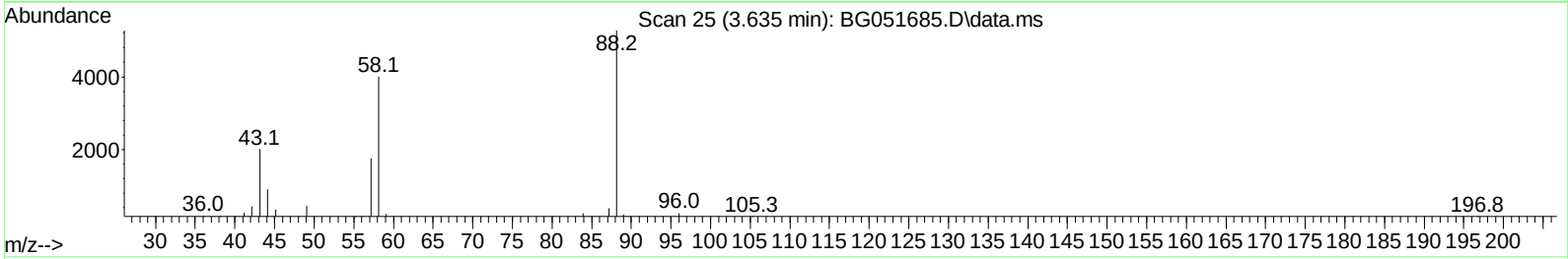
Quant Time: Dec 20 23:11:25 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

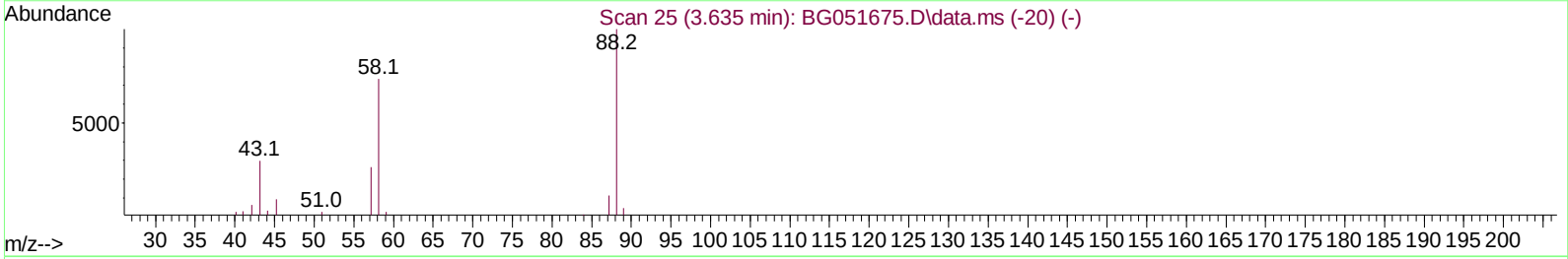
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021







TIC: BG051685.D\data.ms

(2) 1,4-Dioxane

3.635min (-0.017) 8.09 ng/uL

response 7534

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	28.70	38.16#
58.00	78.00	76.07
0.00	0.00	0.00

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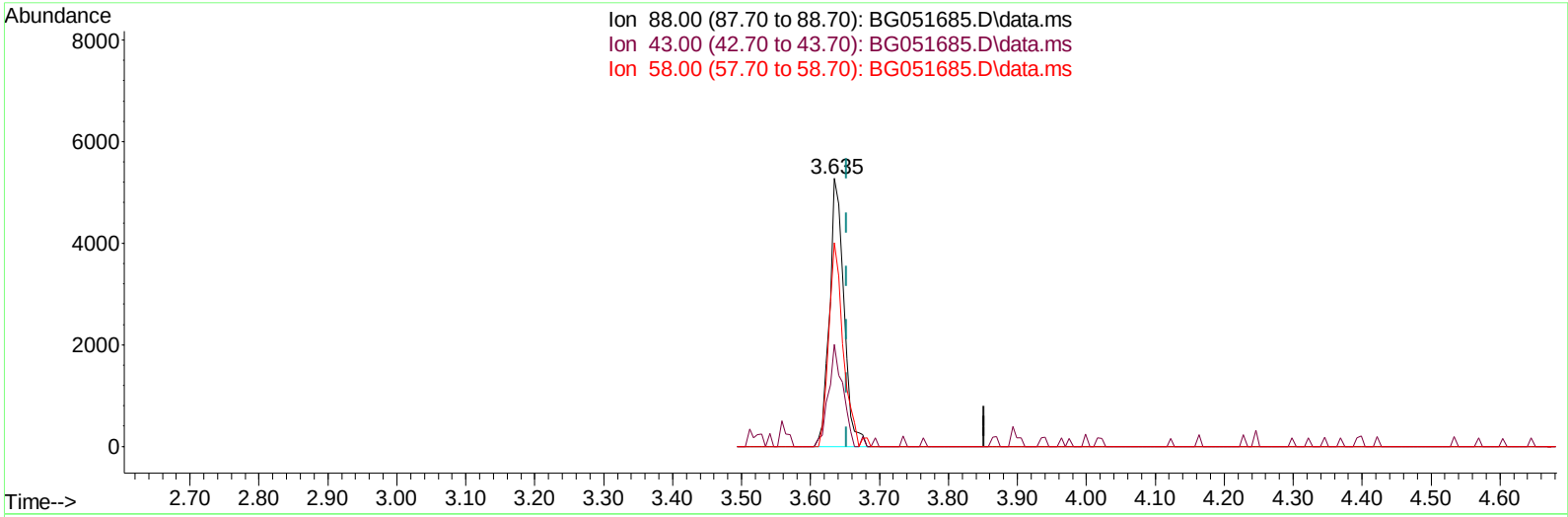

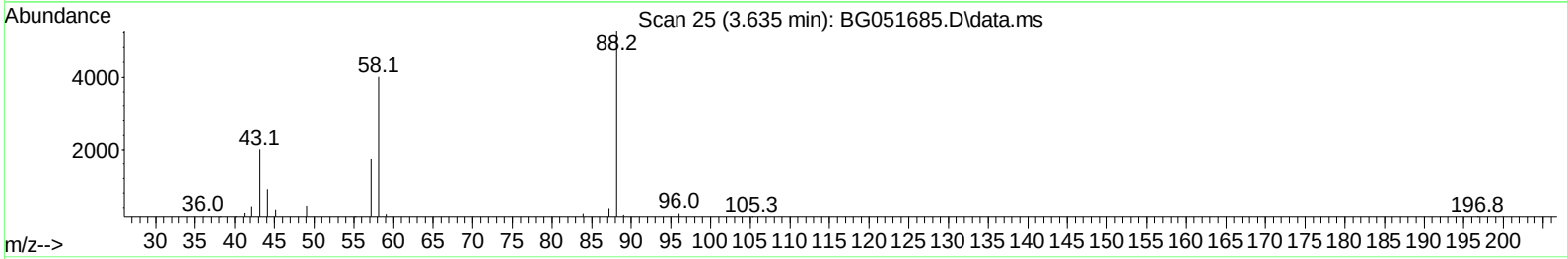

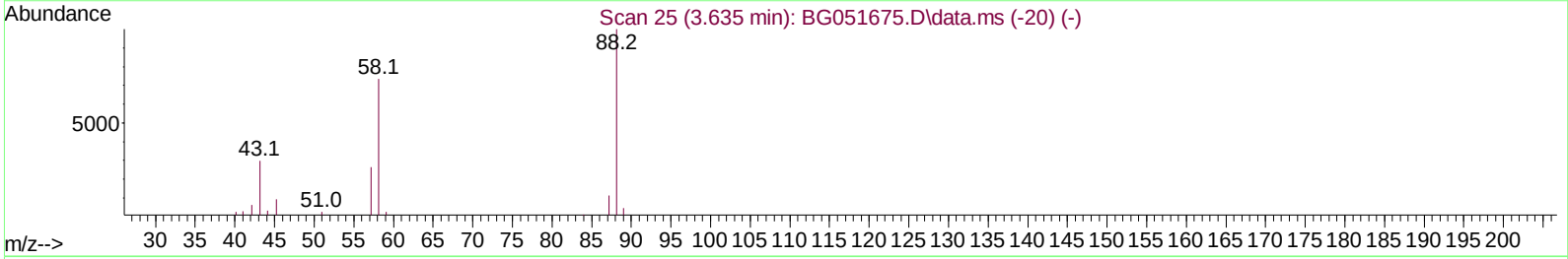

TIC: BG051685.D\data.ms

(2) 1,4-Dioxane

3.635min (-0.017) 8.18 ng/uL m

response 7617

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	28.70	38.16#
58.00	78.00	76.07
0.00	0.00	0.00

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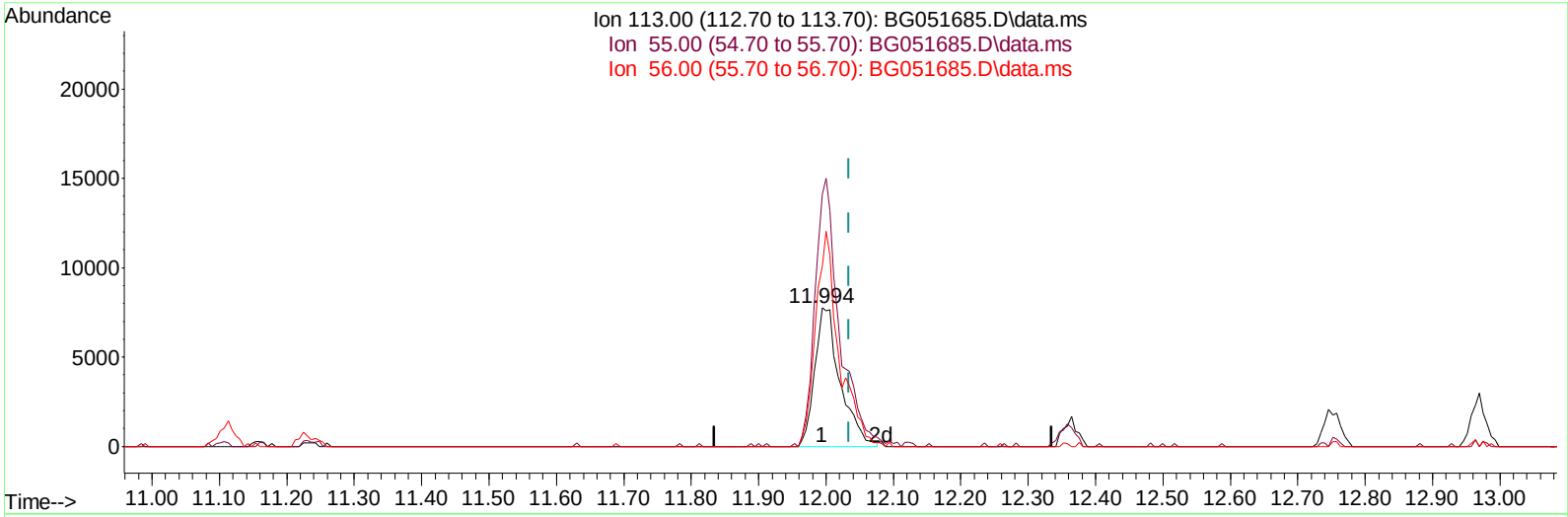

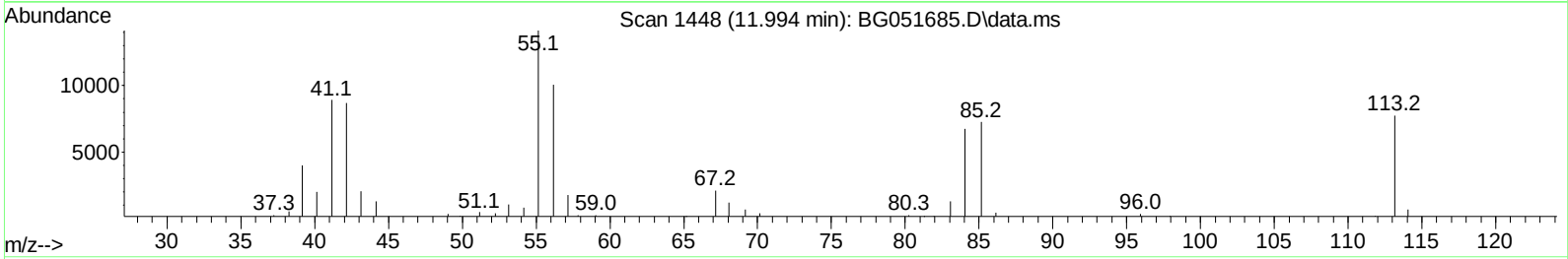

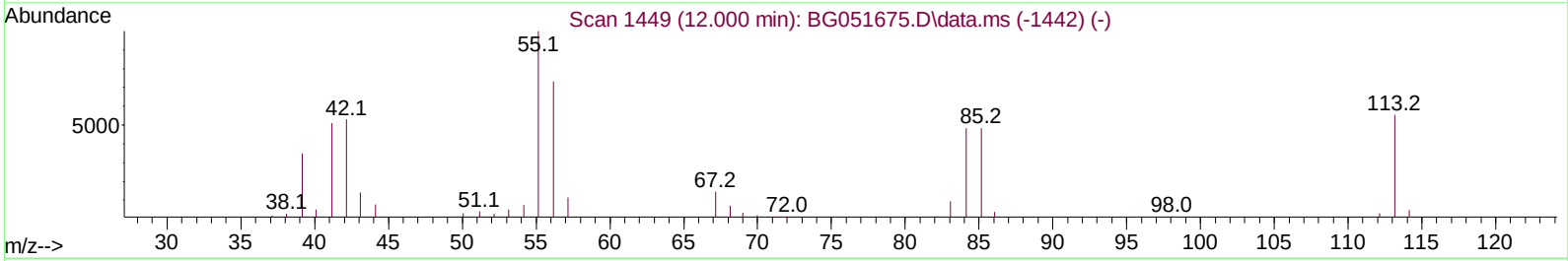

TIC: BG051685.D\data.ms

(34) Caprolactam

11.994min (-0.041) 24.00 ng/ul

response 20400

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	182.53
56.00	136.50	130.12
0.00	0.00	0.00

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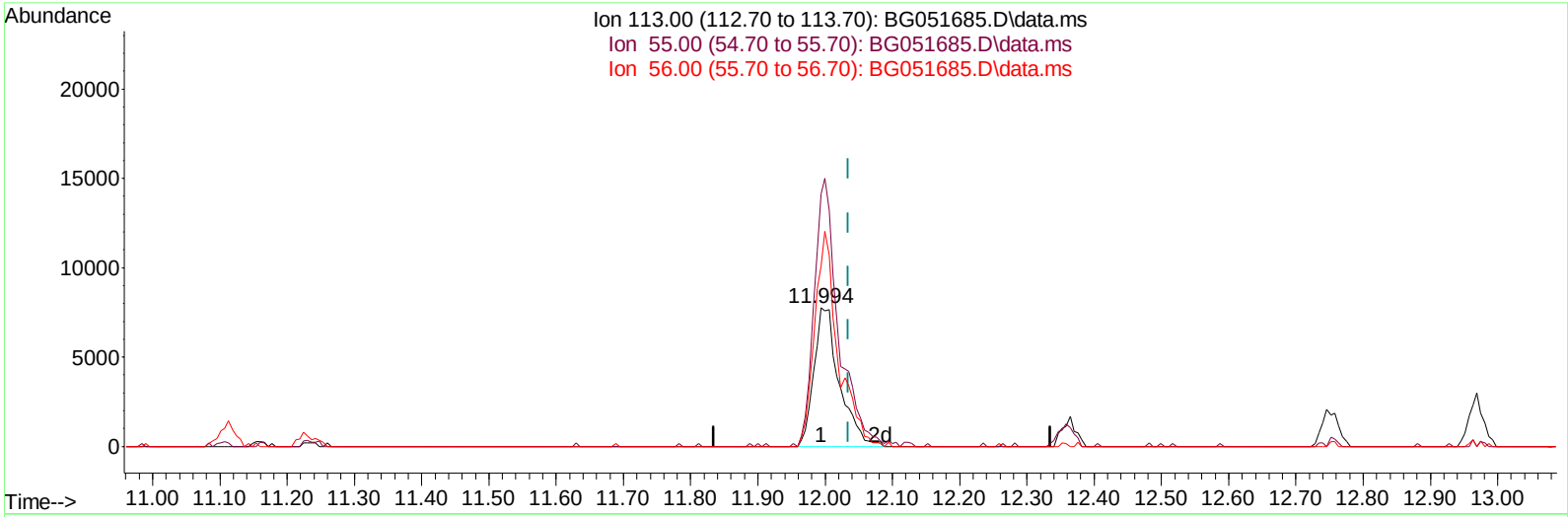

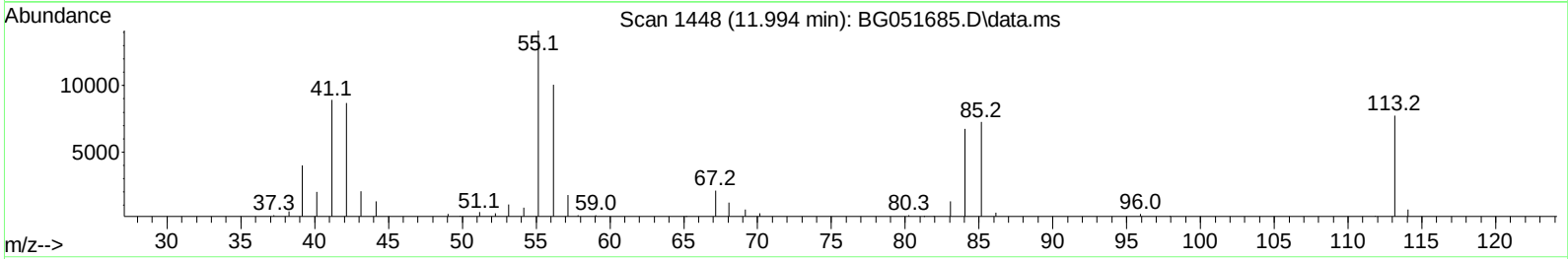

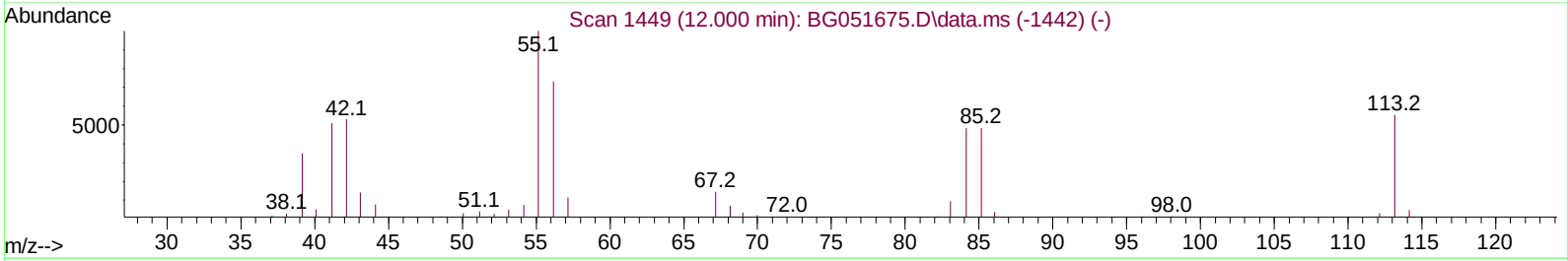

TIC: BG051685.D\data.ms

(34) Caprolactam

11.994min (-0.041) 24.10 ng/ul m

response 20489

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	182.53
56.00	136.50	130.12
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	8.275	152	37073	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.113	136	169797	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.908	164	122245	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.657	188	276007	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.975	240	222965	20.000	ng/ul	#-0.01
88) Perylene-d12	25.470	264	236861	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.599	96	6808	7.626	ng/uL	0.00
4) Pyridine-d5	4.022	84	55696	20.650	ng/ul	-0.02
7) Phenol-d5	7.406	99	75873	22.921	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.576	67	44345	22.535	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.800	132	53182	23.101	ng/ul	-0.01
15) 4-Methylphenol-d8	8.969	113	61871	24.181	ng/ul	-0.01
21) Nitrobenzene-d5	9.444	128	27743	22.286	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.173	143	32278	23.719	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.719	165	65016	22.031	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.230	131	82146	21.142	ng/ul	-0.01
46) Dimethylphthalate-d6	14.297	166	194955	19.925	ng/ul	-0.02
49) Acenaphthylene-d8	14.602	160	252740	20.799	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.072	143	32076	20.159	ng/ul	0.00
60) Fluorene-d10	15.895	176	178380	20.349	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	16.000	200	27545	19.155	ng/ul	-0.01
73) Anthracene-d10	17.757	188	273514	20.774	ng/ul	0.00
81) Pyrene-d10	20.030	212	284346	21.190	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.229	264	258605	20.750	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.635	88	7617m	8.176	ng/uL	
5) Pyridine	4.046	79	56869	21.017	ng/ul	96
6) Benzaldehyde	7.394	77	52466	25.404	ng/ul	95
8) Phenol	7.435	94	76663	23.292	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.670	93	54754	21.805	ng/ul	95
12) 2-Chlorophenol	7.829	128	55199	23.374	ng/ul	99
13) 2-Methylphenol	8.704	108	57078	22.984	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.804	45	75603	22.197	ng/ul	96
16) Acetophenone	9.098	105	93682	23.309	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.074	70	55847	23.158	ng/ul#	98
18) 4-Methylphenol	9.033	108	63979	24.443	ng/ul	93
19) Hexachloroethane	9.374	117	21339	20.709	ng/ul#	70
22) Nitrobenzene	9.486	77	78164	21.587	ng/ul#	94
23) Isophorone	10.008	82	151186	20.798	ng/ul	99
25) 2-Nitrophenol	10.208	139	34085	23.432	ng/ul	95
26) 2,4-Dimethylphenol	10.255	107	73187	20.882	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.490	93	79832	20.682	ng/ul	96
29) 2,4-Dichlorophenol	10.743	162	63479	22.607	ng/ul	98
30) Naphthalene	11.160	128	188695	20.627	ng/ul	99
32) 4-Chloroaniline	11.260	127	85046	21.435	ng/ul	99
33) Hexachlorobutadiene	11.454	225	46100	19.338	ng/ul	98
34) Caprolactam	11.994	113	20489m	24.101	ng/ul	
35) 4-Chloro-3-methylphenol	12.358	107	69507	22.092	ng/ul	93

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.752	142	138497	21.222 ng/ul	99
37) 1-Methylnaphthalene	12.969	142	138652	20.461 ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.116	216	87245	20.518 ng/ul	99
40) Hexachlorocyclopentadiene	13.098	237	43938	14.232 ng/ul	95
41) 2,4,6-Trichlorophenol	13.345	196	57398	22.299 ng/ul	89
42) 2,4,5-Trichlorophenol	13.416	196	63721	23.621 ng/ul	97
43) 1,1'-Biphenyl	13.745	154	192276	20.533 ng/ul#	97
44) 2-Chloronaphthalene	13.792	162	152099	21.010 ng/ul	99
45) 2-Nitroaniline	13.980	65	52617	23.792 ng/ul	94
47) Dimethylphthalate	14.344	163	191129	20.121 ng/ul	100
48) 2,6-Dinitrotoluene	14.461	165	41731	22.980 ng/ul	91
50) Acenaphthylene	14.632	152	246752	20.754 ng/ul	98
51) 3-Nitroaniline	14.790	138	40888	23.547 ng/ul	98
52) Acenaphthene	14.972	153	159400	20.294 ng/ul	96
53) 2,4-Dinitrophenol	14.996	184	18837	17.945 ng/ul#	72
55) 4-Nitrophenol	15.090	109	32142	18.828 ng/ul	95
56) Dibenzofuran	15.307	168	233395	20.177 ng/ul	94
57) 2,4-Dinitrotoluene	15.248	165	58164	22.599 ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.525	232	54409	21.222 ng/ul#	89
59) Diethylphthalate	15.707	149	191181	19.320 ng/ul	97
61) Fluorene	15.953	166	190969	20.036 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.936	204	106032	19.973 ng/ul	94
63) 4-Nitroaniline	15.953	138	38692	21.727 ng/ul	93
66) 4,6-Dinitro-2-methylph...	16.012	198	26016	18.422 ng/ul	94
67) N-Nitrosodiphenylamine	16.147	169	167230	22.526 ng/ul	98
68) 4-Bromophenyl-phenylether	16.834	248	71296	25.364 ng/ul#	88
69) Hexachlorobenzene	16.964	284	76993	21.797 ng/ul#	90
70) Atrazine	17.087	200	70655	21.210 ng/ul	96
71) Pentachlorophenol	17.299	266	45556	21.050 ng/ul	97
72) Phenanthrene	17.698	178	294083	20.715 ng/ul	98
74) Anthracene	17.792	178	291915	20.354 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.715	216	101363	23.872 ng/uL	97
76) Pentachlorobenzene	15.231	250	94359	23.246 ng/uL	99
77) Carbazole	18.051	167	262397	20.432 ng/ul	96
78) Di-n-butylphthalate	18.597	149	306193	19.811 ng/ul	99
80) Fluoranthene	19.695	202	336254	21.830 ng/ul#	91
82) Pyrene	20.060	202	323012	21.190 ng/ul#	88
83) Butylbenzylphthalate	20.929	149	112001	21.909 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.851	252	113762	21.649 ng/ul#	93
85) Benzo(a)anthracene	21.957	228	305892	21.087 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.839	149	158583	22.146 ng/ul#	99
87) Chrysene	22.027	228	292417	20.866 ng/ul	98
89) Di-n-octyl phthalate	23.149	149	270669	21.216 ng/ul	100
90) Benzo(b)fluoranthene	24.354	252	314162	19.802 ng/ul#	97
91) Benzo(k)fluoranthene	24.430	252	297080	19.996 ng/ul#	96
93) Benzo(a)pyrene	25.311	252	303773	20.288 ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.494	276	358988	21.961 ng/ul#	89
95) Dibenzo(a,h)anthracene	29.576	278	300478	21.522 ng/ul#	94
96) Benzo(g,h,i)perylene	30.763	276	297496	21.476 ng/ul#	87

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

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