Quantitation Report (Qedit)

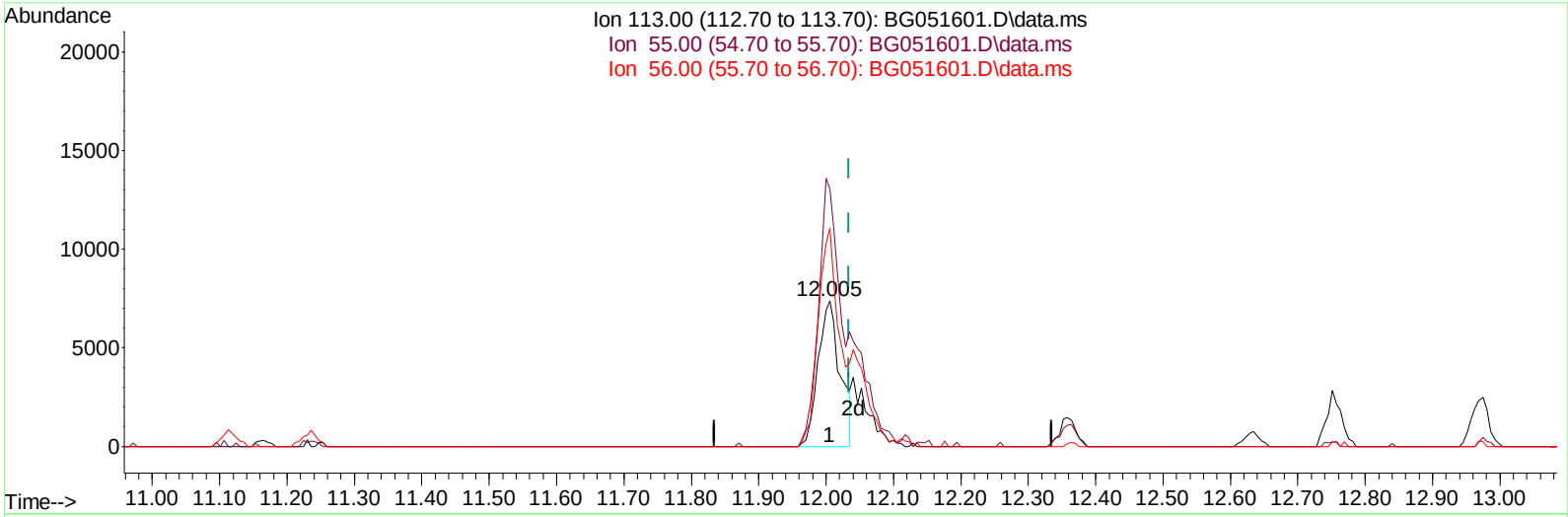
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051601.D
Acq On : 17 Dec 2021 17:39
Operator : CG/JU
Sample : PB141497BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

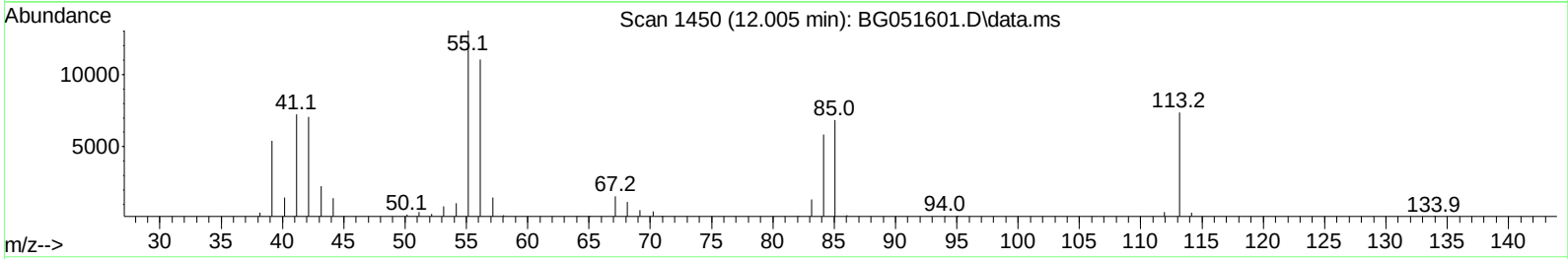
Quant Time: Dec 17 23:04:23 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

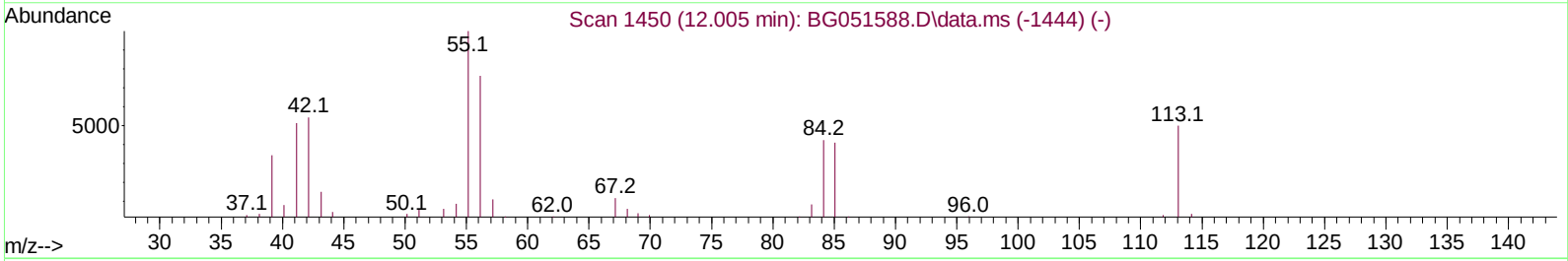
Instrument :
BNA_G
ClientSampleId :
SLCS497

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021







TIC: BG051601.D\data.ms

(34) Caprolactam

12.005min (-0.029) 31.05 ng/ul

response 16859

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	176.62
56.00	136.50	149.68
0.00	0.00	0.00

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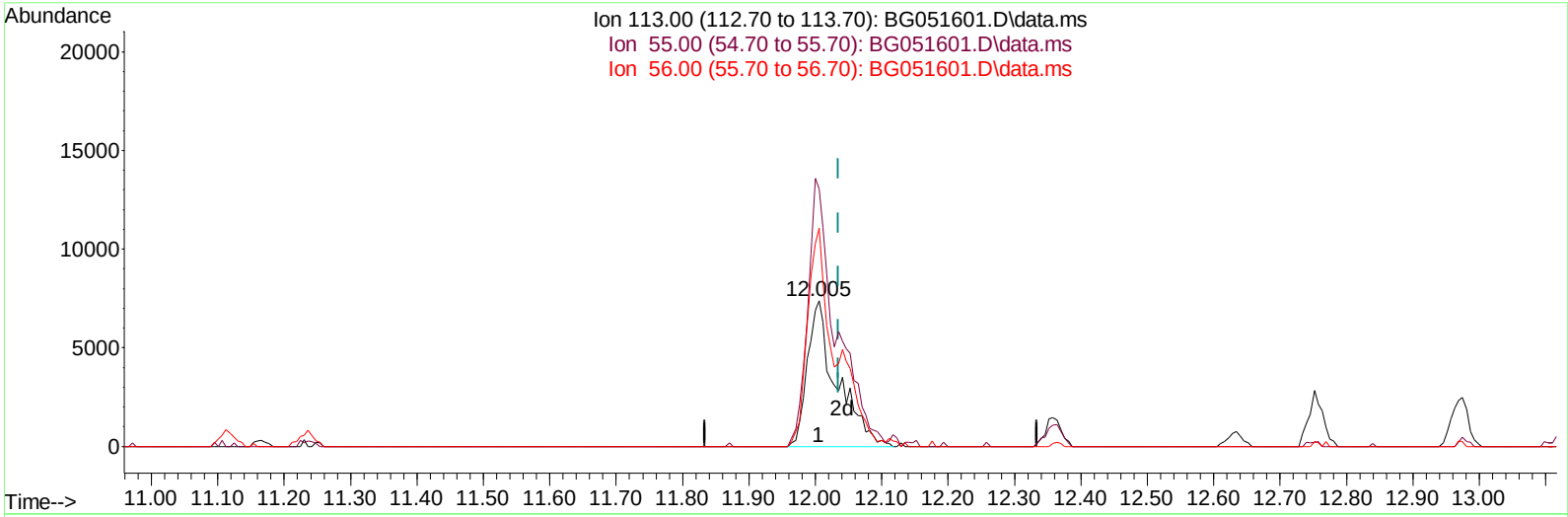

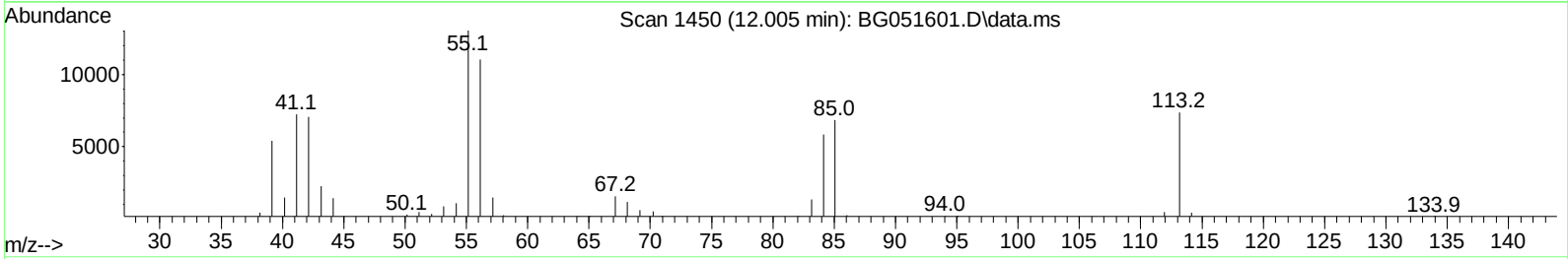

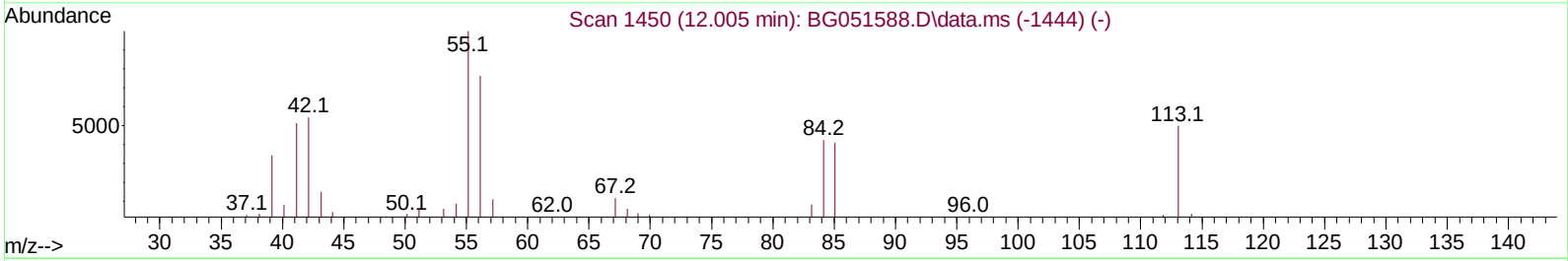

TIC: BG051601.D\data.ms

(34) Caprolactam

12.005min (-0.029) 41.73 ng/ul m

response 22660

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	176.62
56.00	136.50	149.68
0.00	0.00	0.00

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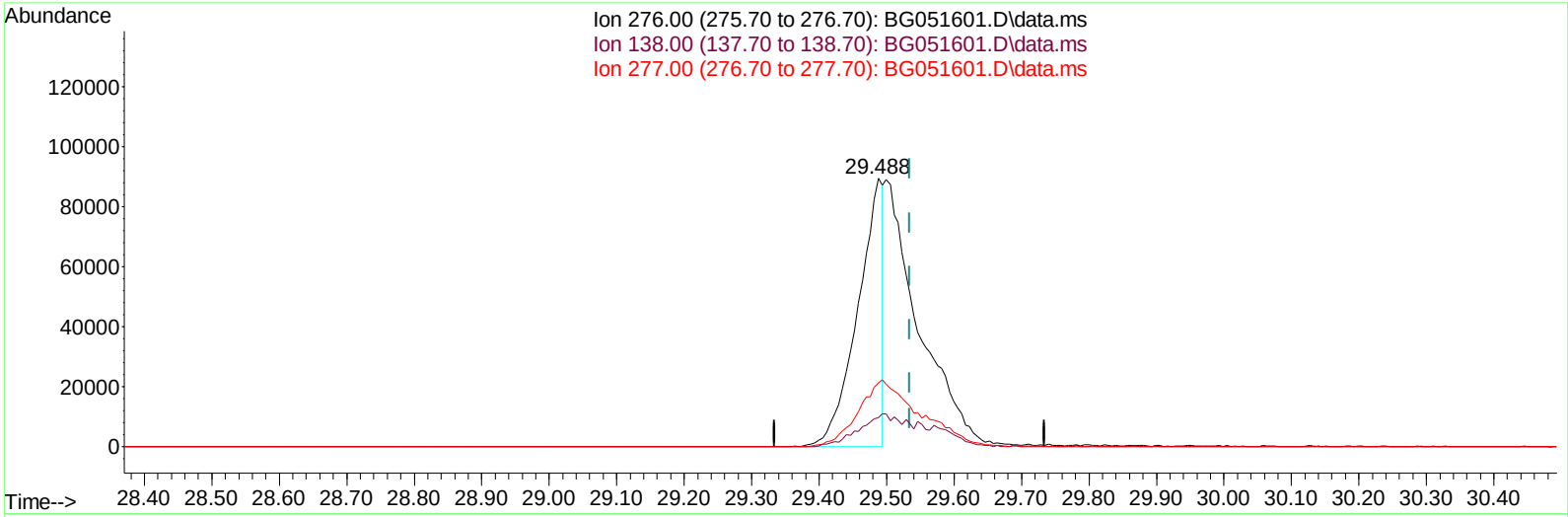

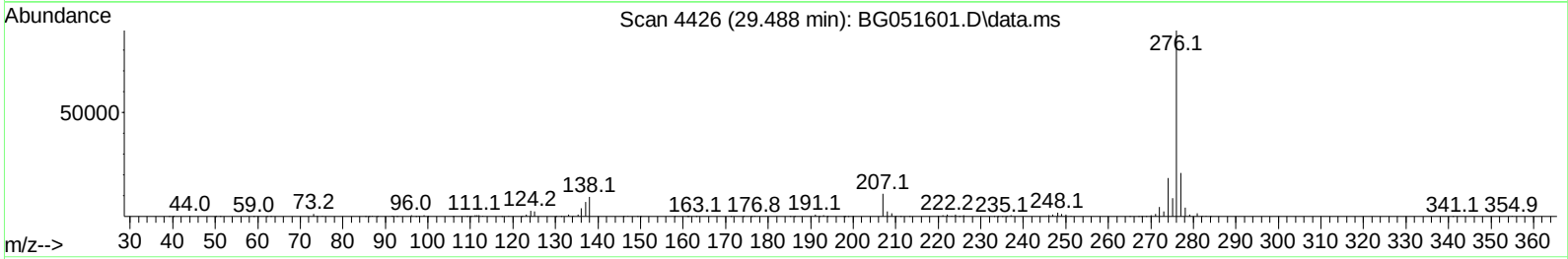

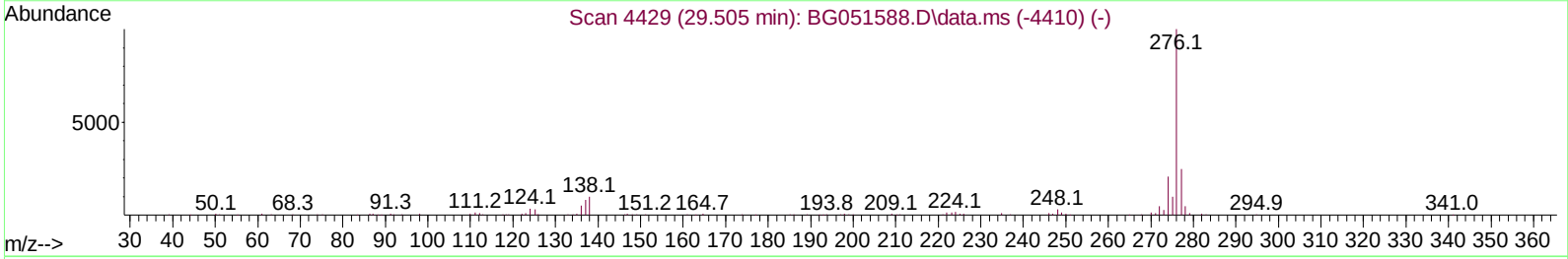

TIC: BG051601.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.488min (-0.047) 16.42 ng/ul

response 232144

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	10.73#
277.00	25.60	23.67
0.00	0.00	0.00

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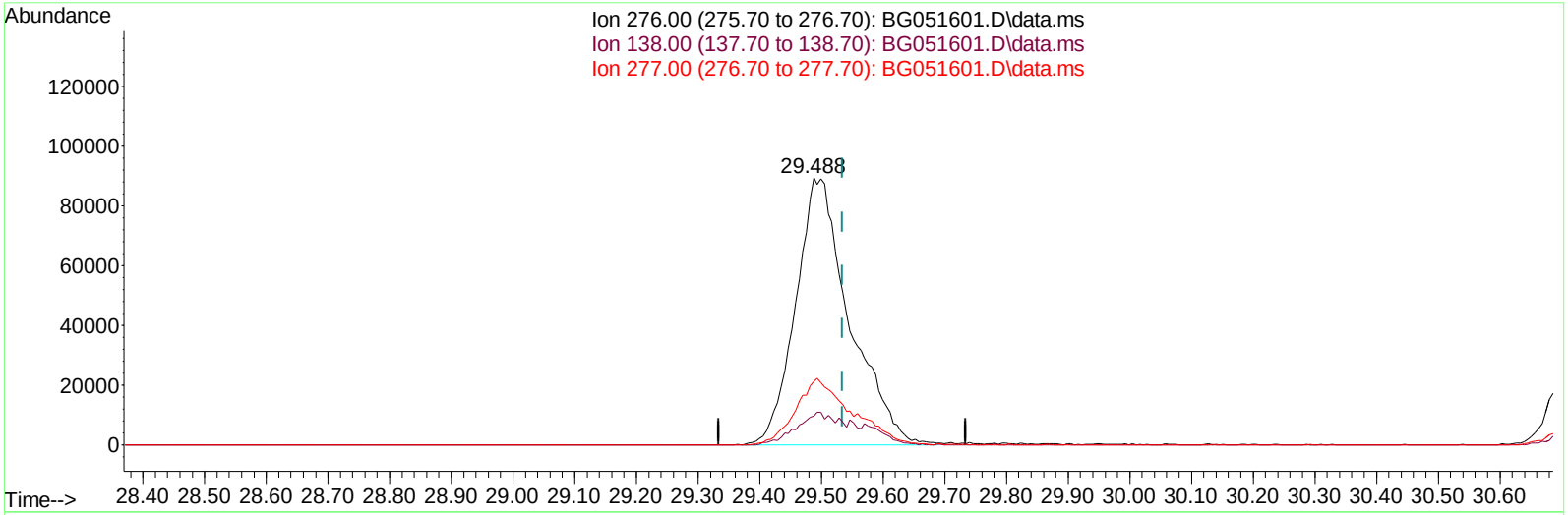

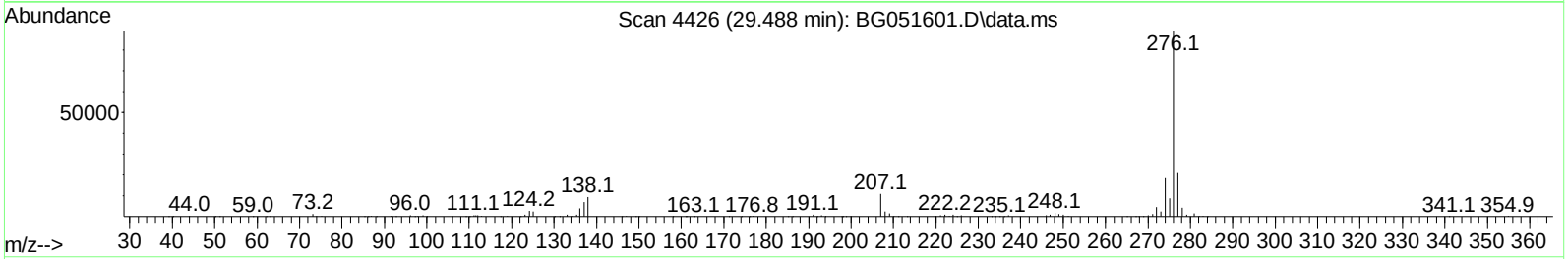

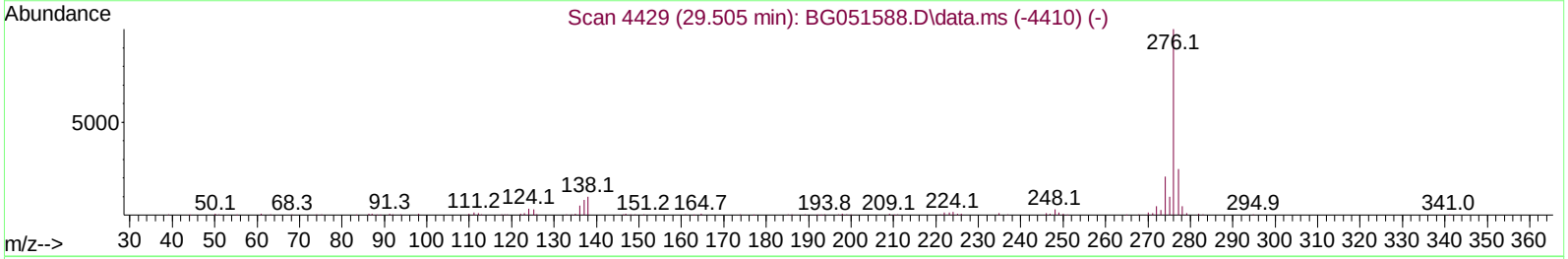

TIC: BG051601.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.488min (-0.047) 38.28 ng/ul m

response 541219

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	10.73#
277.00	25.60	23.67
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.275	152	27010	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.113	136	108449	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.907	164	80813	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.657	188	197514	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.974	240	193344	20.000	ng/ul	#-0.01
88) Perylene-d12	25.464	264	204866	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.599	96	4239	6.518	ng/uL	0.00
4) Pyridine-d5	4.028	84	47887	24.369	ng/ul	-0.02
7) Phenol-d5	7.406	99	82500	34.209	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.582	67	48590	33.892	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.799	132	57048	34.012	ng/ul	-0.01
15) 4-Methylphenol-d8	8.968	113	64311	34.499	ng/ul	-0.01
21) Nitrobenzene-d5	9.444	128	30824	38.767	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.179	143	32255	37.110	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.719	165	68024	36.089	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.236	131	65962	26.580	ng/ul	0.00
46) Dimethylphthalate-d6	14.302	166	237143	36.663	ng/ul	-0.01
49) Acenaphthylene-d8	14.608	160	286709	35.690	ng/ul	0.00
54) 4-Nitrophenol-d4	15.072	143	38817	36.903	ng/ul	0.00
60) Fluorene-d10	15.900	176	207297	35.771	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.000	200	40976	39.819	ng/ul	-0.01
73) Anthracene-d10	17.756	188	349710	37.116	ng/ul	0.00
81) Pyrene-d10	20.030	212	439128	37.737	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.229	264	417588	38.740	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.640	88	9589	14.127	ng/uL	94
5) Pyridine	4.052	79	60518	30.699	ng/ul	97
6) Benzaldehyde	7.394	77	58211	38.687	ng/ul	100
8) Phenol	7.429	94	79026	32.955	ng/ul#	83
10) Bis(2-Chloroethyl)ether	7.676	93	57212	31.273	ng/ul	99
12) 2-Chlorophenol	7.835	128	56005	32.551	ng/ul	98
13) 2-Methylphenol	8.704	108	58063	32.091	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.798	45	80499	32.439	ng/ul	97
16) Acetophenone	9.104	105	94641	32.320	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.080	70	56173	31.971	ng/ul#	86
18) 4-Methylphenol	9.033	108	62469	32.758	ng/ul	95
19) Hexachloroethane	9.380	117	23190	30.890	ng/ul#	72
22) Nitrobenzene	9.491	77	81134	35.083	ng/ul	94
23) Isophorone	10.014	82	160488	34.566	ng/ul	98
25) 2-Nitrophenol	10.208	139	33417	35.968	ng/ul	96
26) 2,4-Dimethylphenol	10.255	107	73533	32.849	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.496	93	80943	32.832	ng/ul	100
29) 2,4-Dichlorophenol	10.742	162	61627	34.363	ng/ul	95
30) Naphthalene	11.165	128	190171	32.548	ng/ul	97
32) 4-Chloroaniline	11.254	127	78327	30.909	ng/ul	97
33) Hexachlorobutadiene	11.453	225	49954	32.809	ng/ul	97
34) Caprolactam	12.005	113	22660m	41.734	ng/ul	
35) 4-Chloro-3-methylphenol	12.358	107	73634	36.643	ng/ul	91

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.752	142	139580	33.486 ng/ul	99
37) 1-Methylnaphthalene	12.969	142	141874	32.780 ng/ul	92
39) 1,2,4,5-Tetrachloroben...	13.116	216	93099	33.120 ng/ul	98
40) Hexachlorocyclopentadiene	13.104	237	60336	29.562 ng/ul	96
41) 2,4,6-Trichlorophenol	13.345	196	62382	36.660 ng/ul	98
42) 2,4,5-Trichlorophenol	13.415	196	68981	38.680 ng/ul	98
43) 1,1'-Biphenyl	13.744	154	201029	32.475 ng/ul#	95
44) 2-Chloronaphthalene	13.791	162	158537	33.126 ng/ul	98
45) 2-Nitroaniline	13.979	65	59157	40.462 ng/ul	98
47) Dimethylphthalate	14.349	163	219460	34.948 ng/ul	98
48) 2,6-Dinitrotoluene	14.467	165	47040	39.185 ng/ul	89
50) Acenaphthylene	14.631	152	262620	33.413 ng/ul	99
51) 3-Nitroaniline	14.796	138	44629	38.879 ng/ul#	98
52) Acenaphthene	14.972	153	174127	33.535 ng/ul	95
53) 2,4-Dinitrophenol	14.996	184	26001	37.468 ng/ul#	71
55) 4-Nitrophenol	15.084	109	41907	37.134 ng/ul	81
56) Dibenzofuran	15.307	168	256429	33.534 ng/ul	97
57) 2,4-Dinitrotoluene	15.248	165	68524	40.274 ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.524	232	66320	39.130 ng/ul#	88
59) Diethylphthalate	15.706	149	222961	34.083 ng/ul	96
61) Fluorene	15.953	166	214551	34.052 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.941	204	120243	34.263 ng/ul	93
63) 4-Nitroaniline	15.953	138	47794	40.597 ng/ul#	85
66) 4,6-Dinitro-2-methylph...	16.012	198	39557	39.141 ng/ul#	92
67) N-Nitrosodiphenylamine	16.147	169	187043	35.208 ng/ul	96
68) 4-Bromophenyl-phenylether	16.834	248	84904	42.210 ng/ul#	86
69) Hexachlorobenzene	16.963	284	90699	35.882 ng/ul#	91
70) Atrazine	17.087	200	73377	30.781 ng/ul	96
71) Pentachlorophenol	17.298	266	58169	37.560 ng/ul	97
72) Phenanthrene	17.698	178	367463	36.171 ng/ul	98
74) Anthracene	17.792	178	358198	34.902 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.715	216	99029	32.590 ng/uL	99
76) Pentachlorobenzene	15.230	250	104307	35.909 ng/uL	98
77) Carbazole	18.050	167	331824	36.106 ng/ul	98
78) Di-n-butylphthalate	18.602	149	388976	35.170 ng/ul	100
80) Fluoranthene	19.695	202	478638	35.835 ng/ul#	90
82) Pyrene	20.059	202	474530	35.899 ng/ul#	89
83) Butylbenzylphthalate	20.935	149	167318	37.745 ng/ul#	92
84) 3,3'-Dichlorobenzidine	21.851	252	168023	36.874 ng/ul#	98
85) Benzo(a)anthracene	21.957	228	464906	36.959 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.845	149	235844	37.982 ng/ul#	99
87) Chrysene	22.027	228	446452	36.737 ng/ul	99
89) Di-n-octyl phthalate	23.161	149	399825	36.234 ng/ul	100
90) Benzo(b)fluoranthene	24.353	252	492645	35.901 ng/ul#	95
91) Benzo(k)fluoranthene	24.424	252	463374	36.059 ng/ul#	96
93) Benzo(a)pyrene	25.305	252	469495	36.253 ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.488	276	541219m	38.279 ng/ul	
95) Dibenzo(a,h)anthracene	29.576	278	453174	37.527 ng/ul#	92
96) Benzo(g,h,i)perylene	30.751	276	450310	37.584 ng/ul#	90

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

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