Quantitation Report (Qedit)

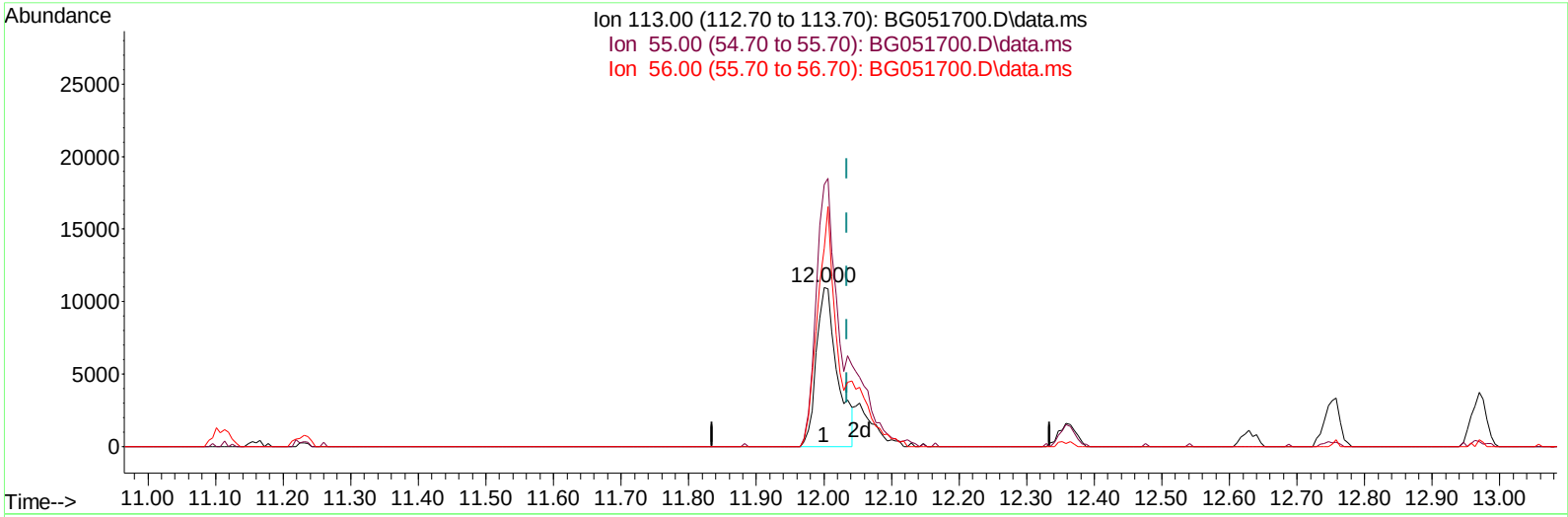
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051700.D
Acq On : 21 Dec 2021 3:29
Operator : CG/JU
Sample : PB141559BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

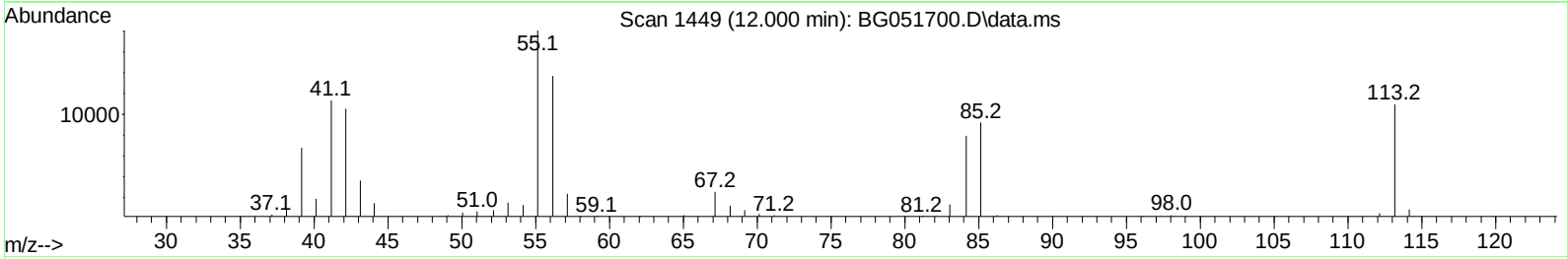
Quant Time: Dec 21 04:34:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

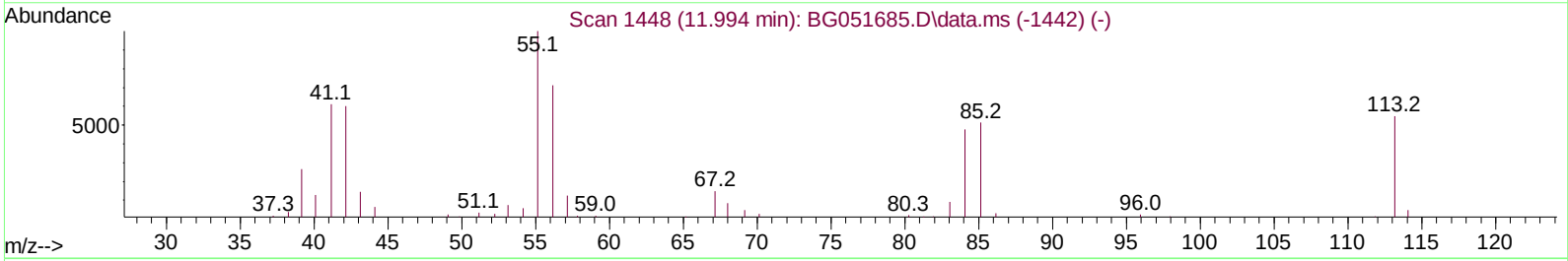
Instrument :
BNA_G
ClientSampleId :
SLCS559

Manual IntegrationsAPPROVED

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







TIC: BG051700.D\data.ms

(34) Caprolactam

12.000min (-0.034) 31.20 ng/ul

response 23623

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	164.73
56.00	136.50	124.73
0.00	0.00	0.00

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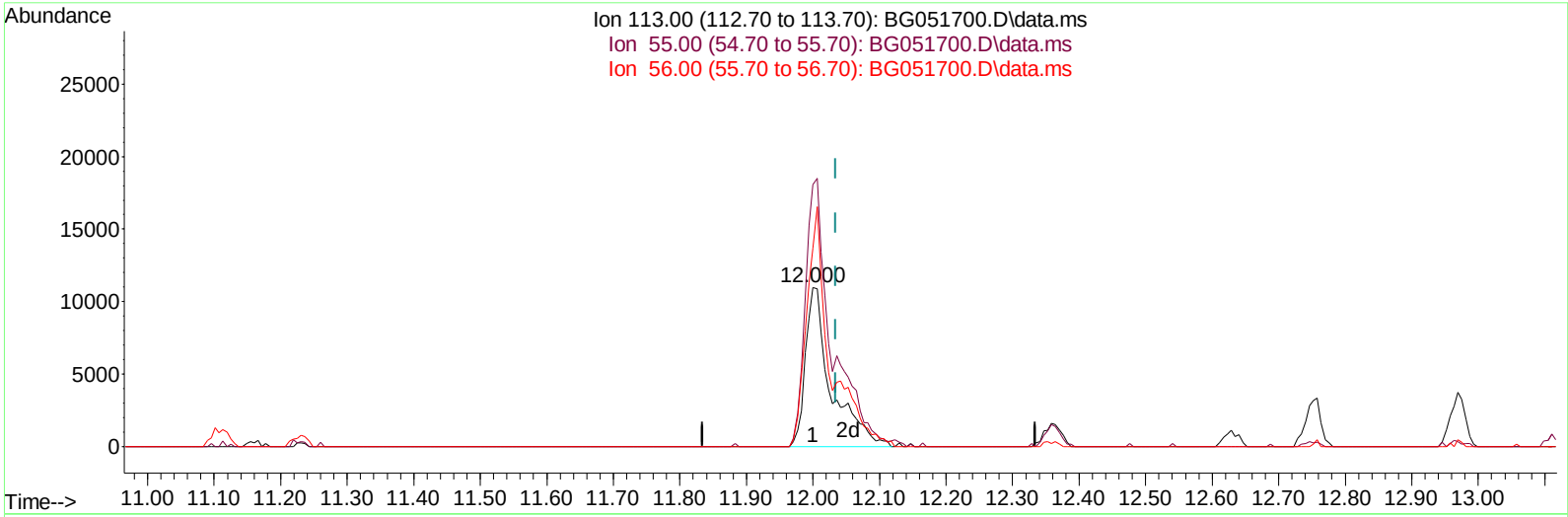

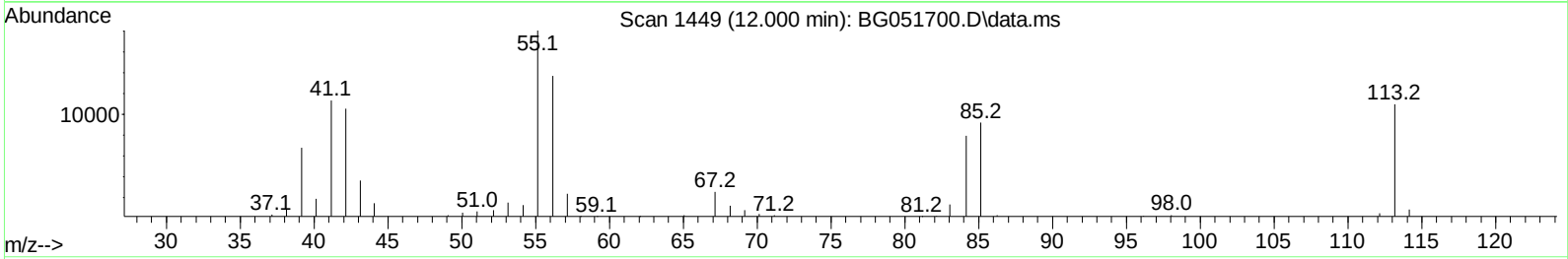

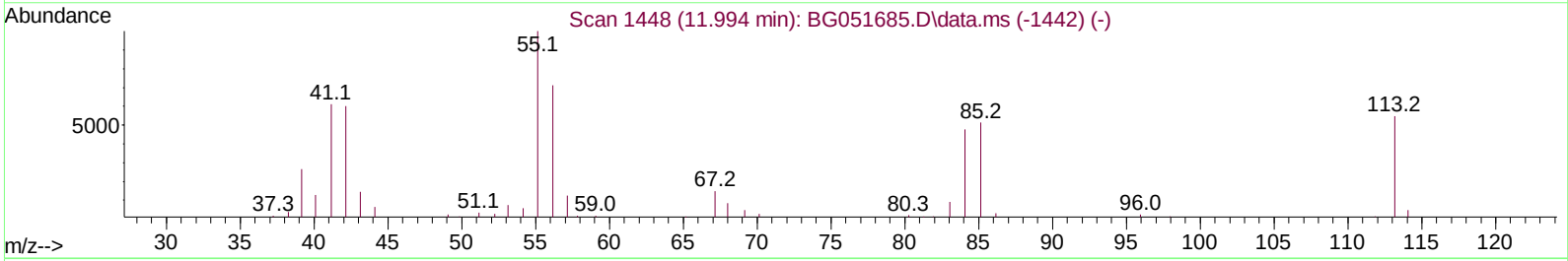

TIC: BG051700.D\data.ms

(34) Caprolactam

12.000min (-0.034) 38.81 ng/ul m

response 29384

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	164.73
56.00	136.50	124.73
0.00	0.00	0.00

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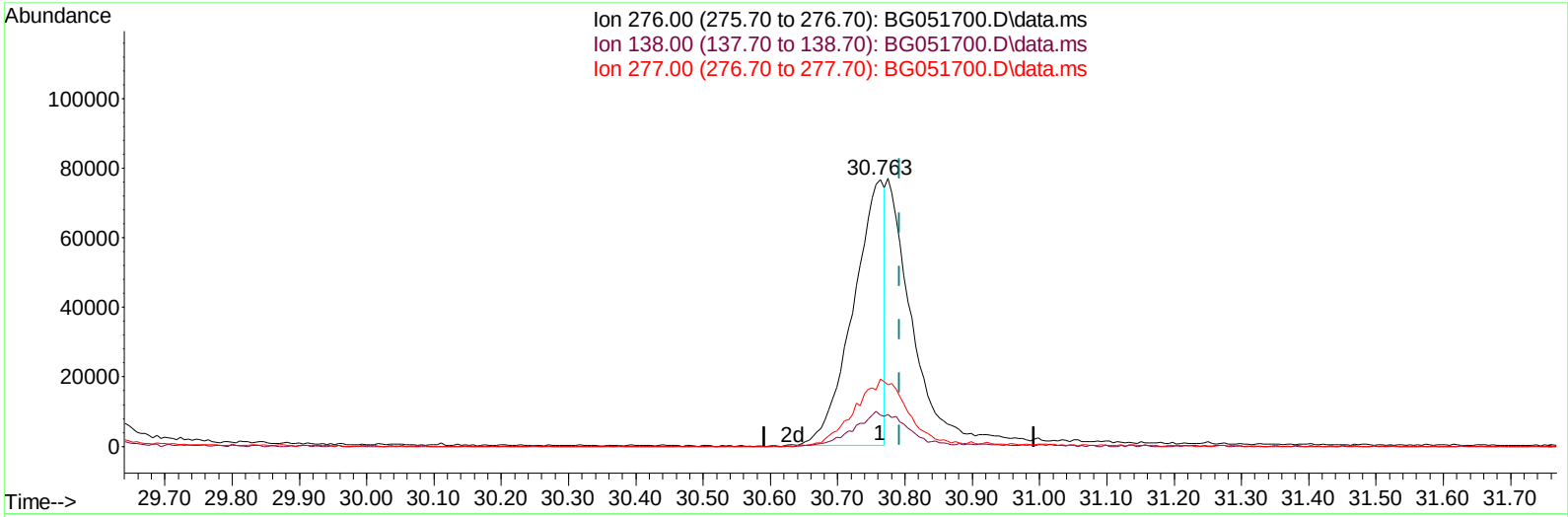

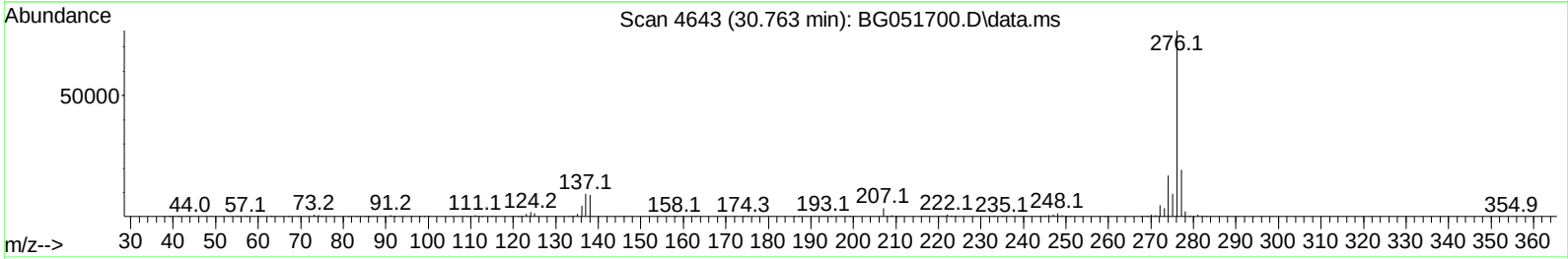

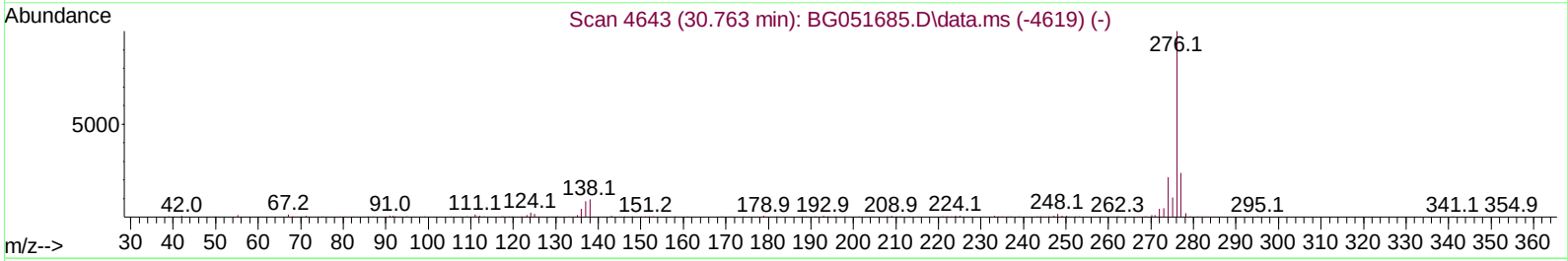

TIC: BG051700.D\data.ms

(96) Benzo(g,h,i)perylene

30.763min (-0.029) 17.80 ng/ul

response 246539

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	11.65#
277.00	22.00	25.23
0.00	0.00	0.00

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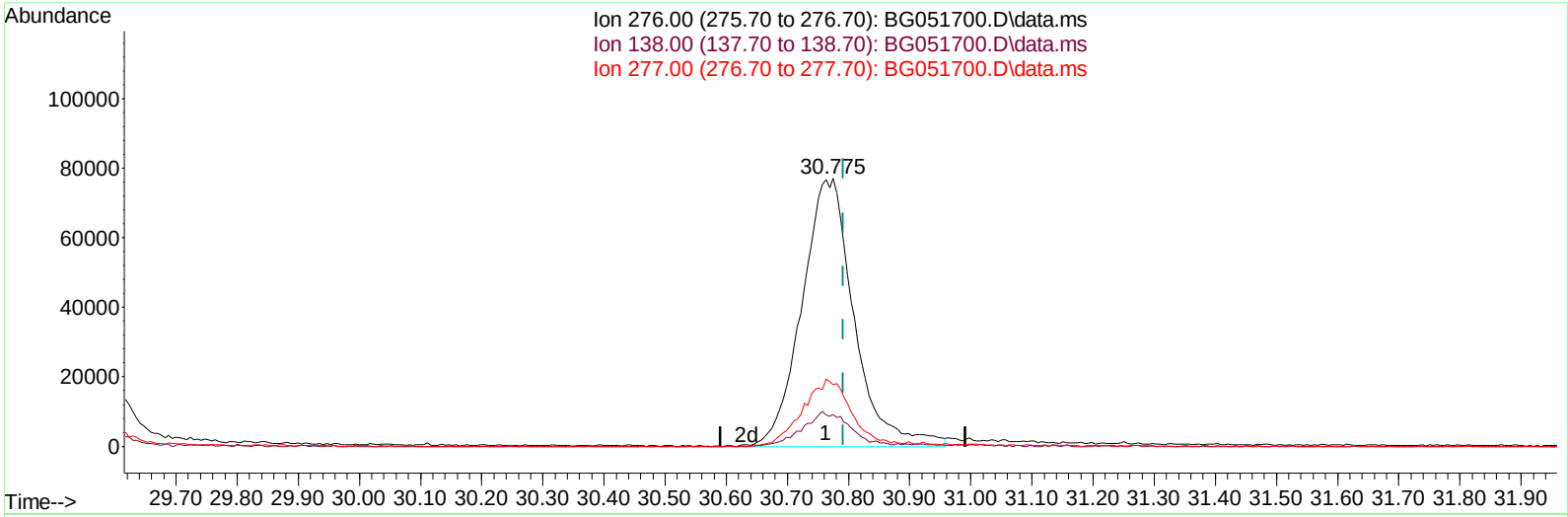

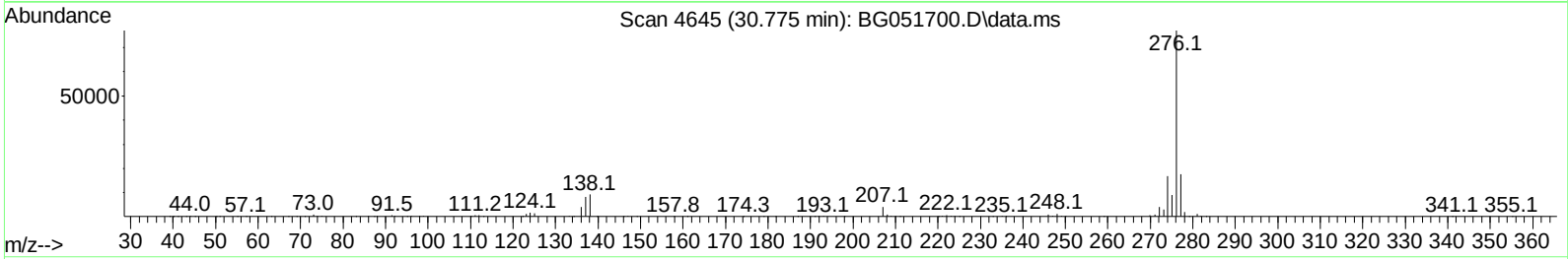

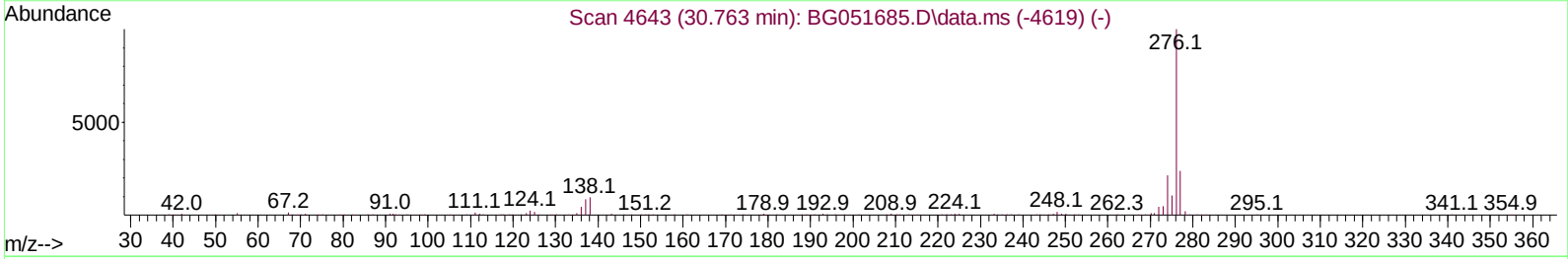

TIC: BG051700.D\data.ms

(96) Benzo(g,h,i)perylene

30.775min (-0.017) 33.03 ng/ul m

response 457439

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	11.93#
277.00	22.00	23.04
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	8.270	152	35001	20.000	ng/ul	-0.02
20) Naphthalene-d8	11.107	136	151210	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.908	164	107444	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.657	188	254292	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.975	240	231773	20.000	ng/ul	#-0.01
88) Perylene-d12	25.476	264	236787	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.594	96	5609	6.655	ng/uL	-0.01
4) Pyridine-d5	4.023	84	74773	29.364	ng/ul	-0.02
7) Phenol-d5	7.406	99	112141	35.884	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.577	67	63674	34.274	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.794	132	74729	34.382	ng/ul	-0.02
15) 4-Methylphenol-d8	8.969	113	85491	35.390	ng/ul	-0.01
21) Nitrobenzene-d5	9.439	128	38331	34.576	ng/ul	-0.02
24) 2-Nitrophenol-d4	10.167	143	43814	36.153	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.714	165	89255	33.962	ng/ul	-0.02
31) 4-Chloroaniline-d4	11.231	131	82440	23.825	ng/ul	-0.01
46) Dimethylphthalate-d6	14.297	166	281295	32.710	ng/ul	-0.02
49) Acenaphthylene-d8	14.603	160	350792	32.844	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.073	143	45619	32.620	ng/ul	0.00
60) Fluorene-d10	15.895	176	250806	32.552	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	16.001	200	44317	33.450	ng/ul	-0.01
73) Anthracene-d10	17.757	188	394695	32.537	ng/ul	0.00
81) Pyrene-d10	20.030	212	474412	34.010	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.235	264	439473	35.274	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.635	88	10966	12.467	ng/uL#	79
5) Pyridine	4.040	79	85059	33.296	ng/ul	96
6) Benzaldehyde	7.389	77	72544	37.206	ng/ul	94
8) Phenol	7.430	94	110409	35.530	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.671	93	76268	32.171	ng/ul	98
12) 2-Chlorophenol	7.829	128	75769	33.984	ng/ul	98
13) 2-Methylphenol	8.705	108	79520	33.916	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.799	45	106495	33.117	ng/ul#	94
16) Acetophenone	9.092	105	123145	32.453	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.081	70	73771	32.401	ng/ul	98
18) 4-Methylphenol	9.034	108	86000	34.802	ng/ul	93
19) Hexachloroethane	9.380	117	31353	32.229	ng/ul#	74
22) Nitrobenzene	9.486	77	110167	34.165	ng/ul#	98
23) Isophorone	10.015	82	200272	30.937	ng/ul	97
25) 2-Nitrophenol	10.209	139	46050	35.548	ng/ul	96
26) 2,4-Dimethylphenol	10.250	107	95092	30.467	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.490	93	104543	30.413	ng/ul	95
29) 2,4-Dichlorophenol	10.743	162	81620	32.641	ng/ul	95
30) Naphthalene	11.160	128	249152	30.584	ng/ul	97
32) 4-Chloroaniline	11.254	127	103118	29.184	ng/ul	96
33) Hexachlorobutadiene	11.448	225	61517	28.977	ng/ul	98
34) Caprolactam	12.000	113	29384m	38.813	ng/ul	
35) 4-Chloro-3-methylphenol	12.359	107	91240	32.565	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.752	142	183442	31.563	ng/ul	100
37) 1-Methylnaphthalene	12.969	142	190408	31.553	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.116	216	117267	31.378	ng/ul	97
40) Hexachlorocyclopentadiene	13.099	237	56869	20.957	ng/ul	99
41) 2,4,6-Trichlorophenol	13.345	196	75284	33.276	ng/ul	96
42) 2,4,5-Trichlorophenol	13.416	196	82046	34.603	ng/ul	99
43) 1,1'-Biphenyl	13.745	154	257300	31.263	ng/ul#	95
44) 2-Chloronaphthalene	13.792	162	201874	31.727	ng/ul	99
45) 2-Nitroaniline	13.980	65	74282	38.215	ng/ul	96
47) Dimethylphthalate	14.344	163	263103	31.513	ng/ul	100
48) 2,6-Dinitrotoluene	14.467	165	57963	36.316	ng/ul	91
50) Acenaphthylene	14.632	152	331759	31.748	ng/ul	98
51) 3-Nitroaniline	14.791	138	56117	36.770	ng/ul#	96
52) Acenaphthene	14.973	153	216989	31.432	ng/ul	93
53) 2,4-Dinitrophenol	14.996	184	22439	24.321	ng/ul#	72
55) 4-Nitrophenol	15.090	109	44490	29.651	ng/ul	97
56) Dibenzofuran	15.302	168	316255	31.107	ng/ul	100
57) 2,4-Dinitrotoluene	15.249	165	82864	36.631	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.525	232	72691	32.258	ng/ul#	90
59) Diethylphthalate	15.707	149	274092	31.514	ng/ul	98
61) Fluorene	15.954	166	258800	30.894	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.936	204	145324	31.146	ng/ul	95
63) 4-Nitroaniline	15.954	138	55492	35.453	ng/ul	90
66) 4,6-Dinitro-2-methylph...	16.018	198	39411	30.290	ng/ul	96
67) N-Nitrosodiphenylamine	16.148	169	229125	33.499	ng/ul	96
68) 4-Bromophenyl-phenylether	16.835	248	99000	38.228	ng/ul#	85
69) Hexachlorobenzene	16.964	284	110374	33.916	ng/ul#	88
70) Atrazine	17.087	200	91668	29.868	ng/ul	96
71) Pentachlorophenol	17.299	266	54151	27.158	ng/ul	95
72) Phenanthrene	17.698	178	427069	32.652	ng/ul	98
74) Anthracene	17.792	178	412082	31.187	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.716	216	125587	32.102	ng/uL	96
76) Pentachlorobenzene	15.225	250	124684	33.340	ng/uL	98
77) Carbazole	18.051	167	380994	32.200	ng/ul	98
78) Di-n-butylphthalate	18.597	149	451156	31.684	ng/ul	100
80) Fluoranthene	19.696	202	534250	33.366	ng/ul#	92
82) Pyrene	20.060	202	512250	32.328	ng/ul#	90
83) Butylbenzylphthalate	20.929	149	191692	36.073	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.857	252	186828	34.203	ng/ul#	96
85) Benzo(a)anthracene	21.957	228	511898	33.947	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.840	149	267851	35.984	ng/ul#	99
87) Chrysene	22.028	228	478828	32.869	ng/ul	98
89) Di-n-octyl phthalate	23.150	149	451991	35.440	ng/ul	100
90) Benzo(b)fluoranthene	24.354	252	534077	33.674	ng/ul#	96
91) Benzo(k)fluoranthene	24.436	252	491108	33.065	ng/ul#	96
93) Benzo(a)pyrene	25.312	252	498380	33.295	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.506	276	552691	33.821	ng/ul#	92
95) Dibenzo(a,h)anthracene	29.582	278	461465	33.062	ng/ul#	92
96) Benzo(g,h,i)perylene	30.775	276	457439m	33.032	ng/ul	

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

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