Quantitation Report (Qedit)

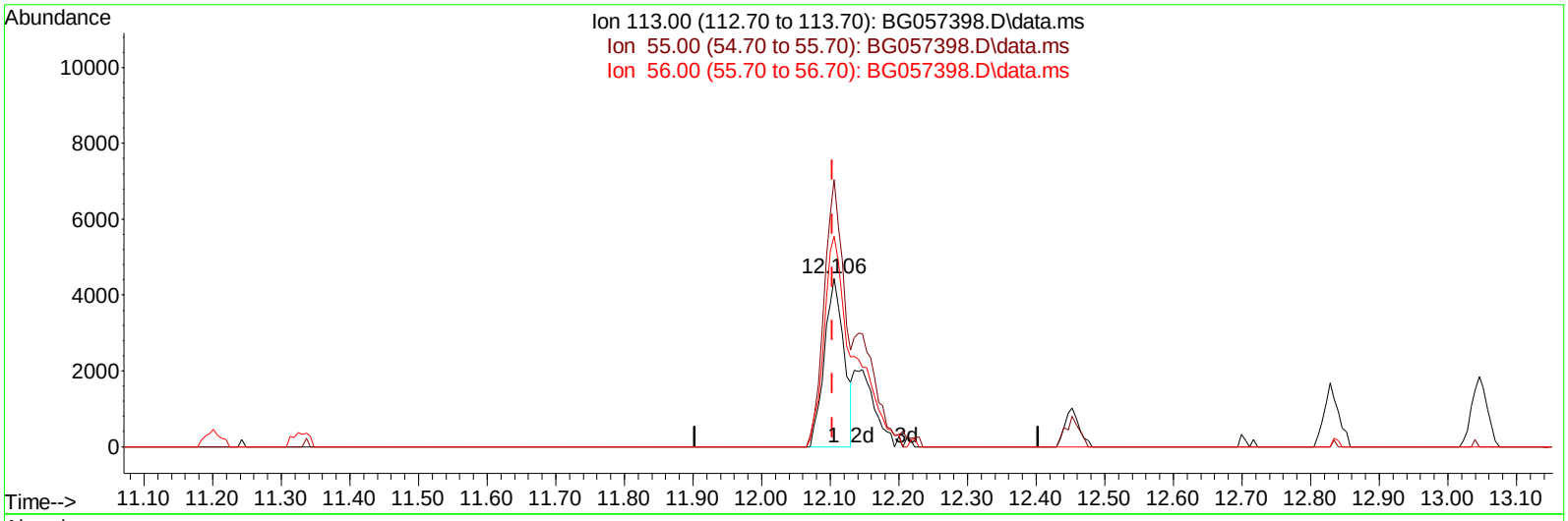
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051123\
Data File : BG057398.D
Acq On : 11 May 2023 14:00
Operator : CG/JU
Sample : PB152703BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

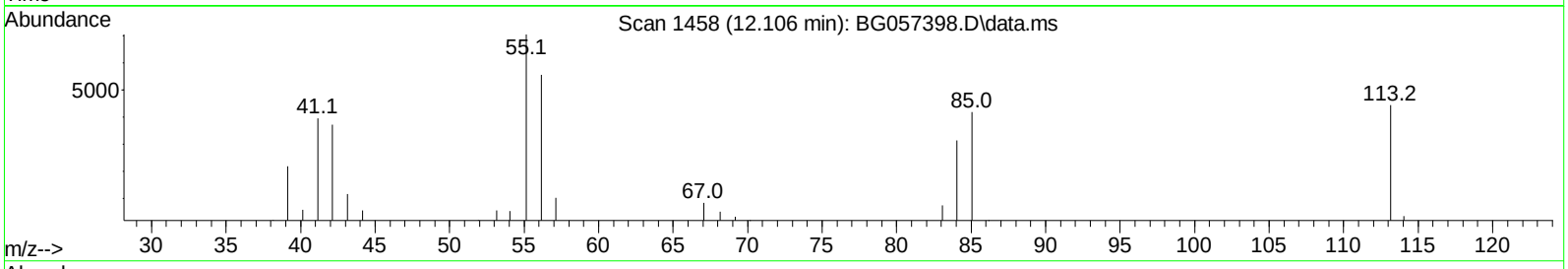
Quant Time: May 11 23:34:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 11:18:43 2023
Response via : Initial Calibration

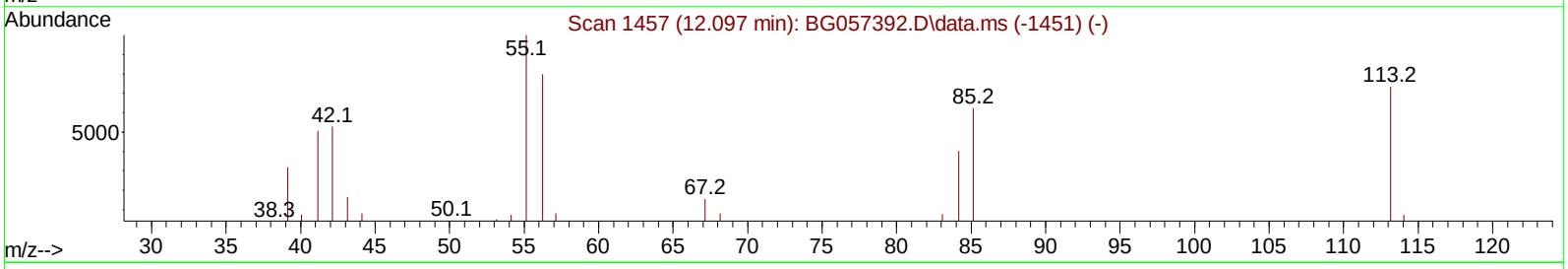
Instrument :
BNA_G
ClientSampleId :
SLCS703

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023







TIC: BG057398.D\data.ms

(34) Caprolactam

12.106min (+ 0.003) 24.65 ng/ul

response 8813

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.90	158.44
56.00	123.40	124.83
0.00	0.00	0.00

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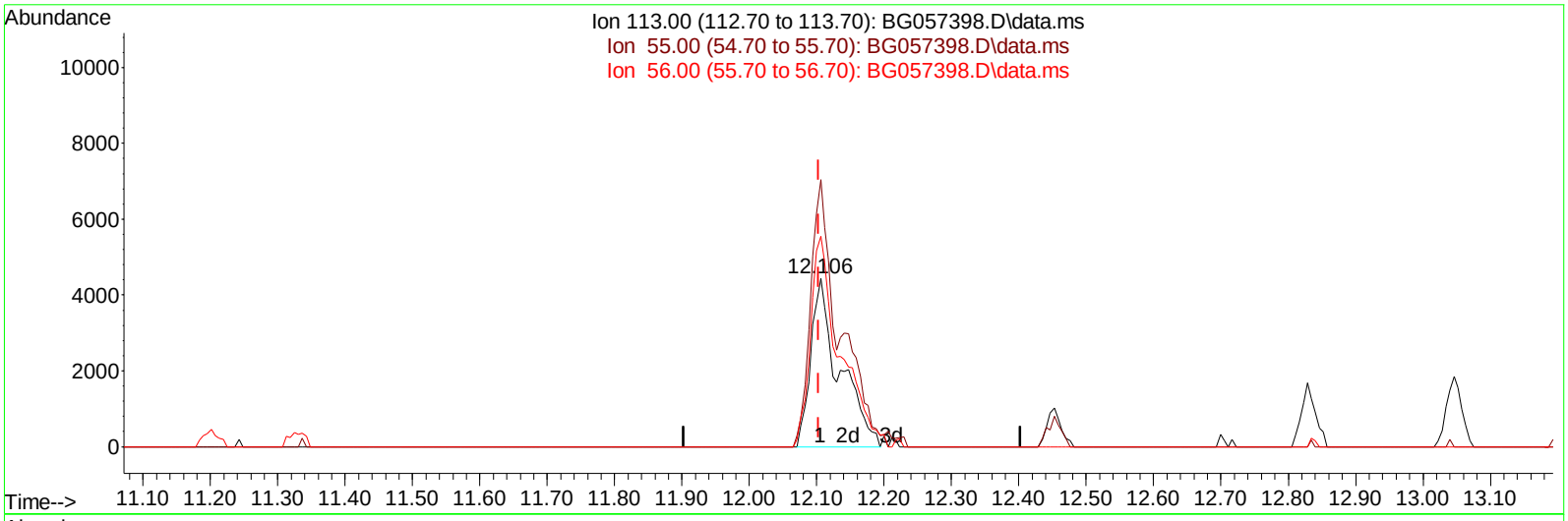

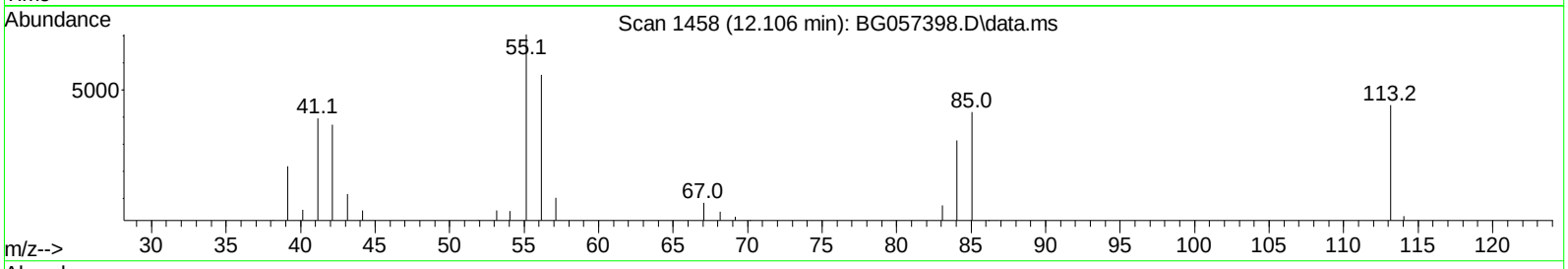

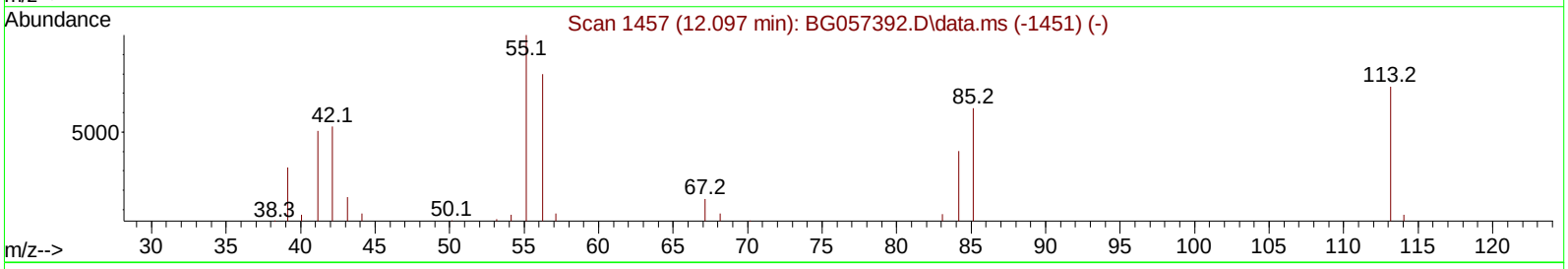

TIC: BG057398.D\data.ms

(34) Caprolactam

12.106min (+ 0.003) 36.70 ng/ul m

response 13122

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.90	158.44
56.00	123.40	124.83
0.00	0.00	0.00

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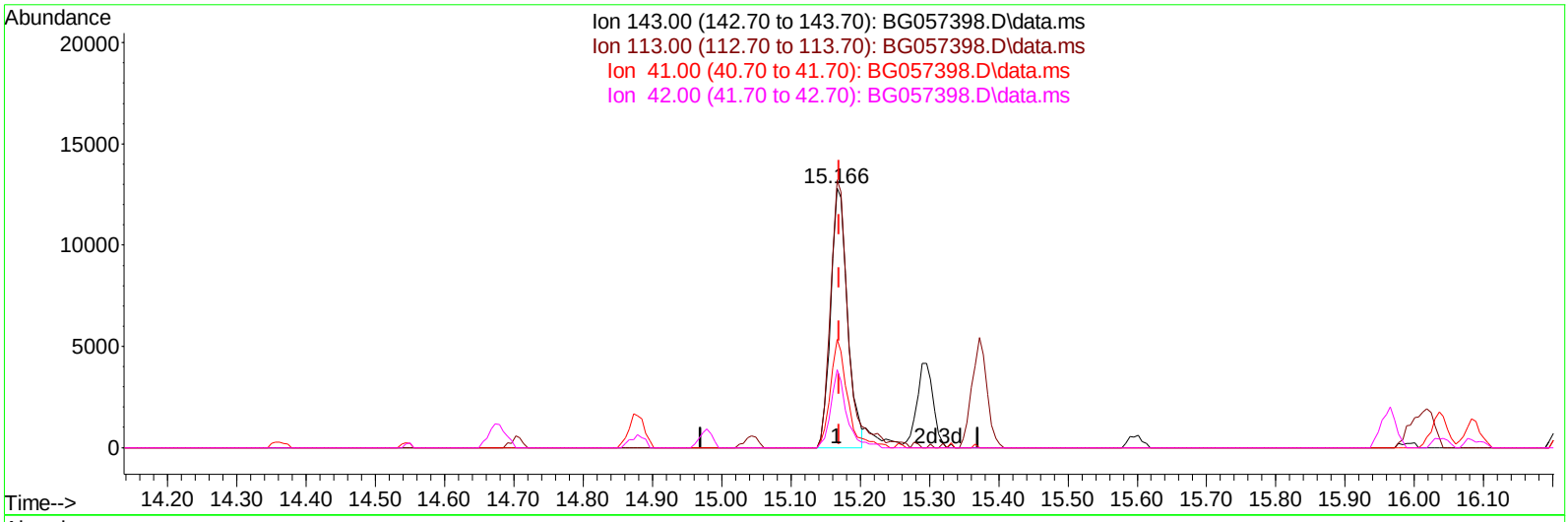

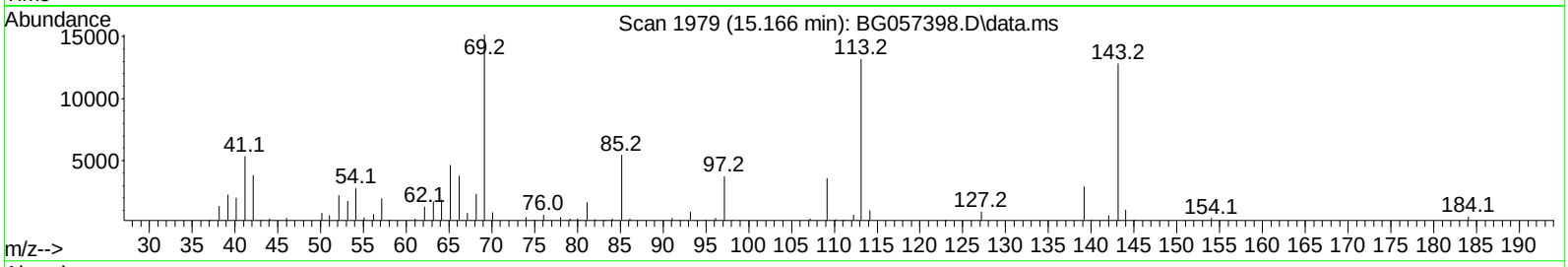

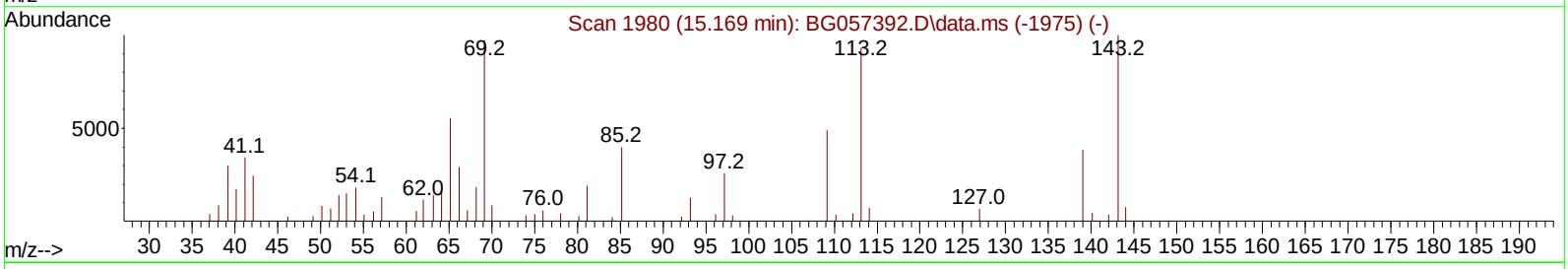

TIC: BG057398.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.166min (-0.003) 38.33 ng/ul

response 21376

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	95.60	103.05
41.00	44.40	41.78
42.00	28.40	30.00

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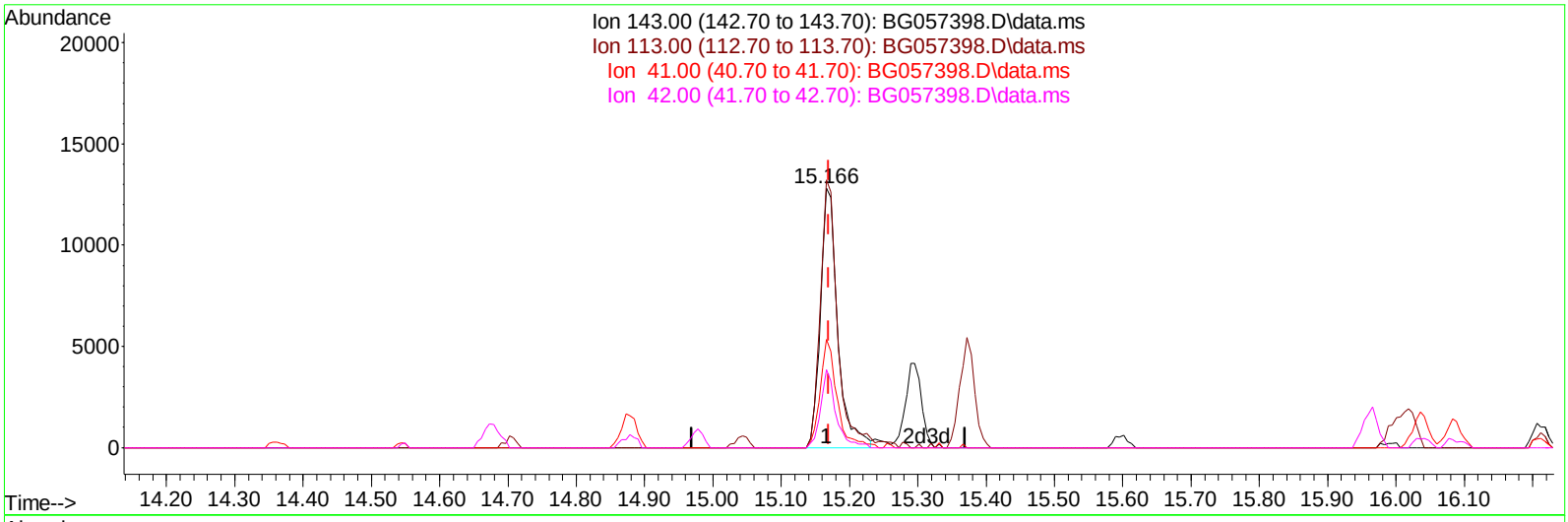

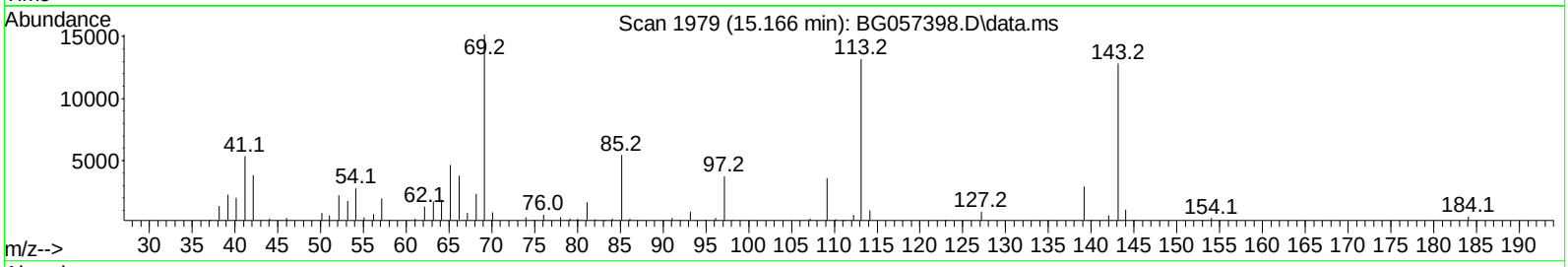

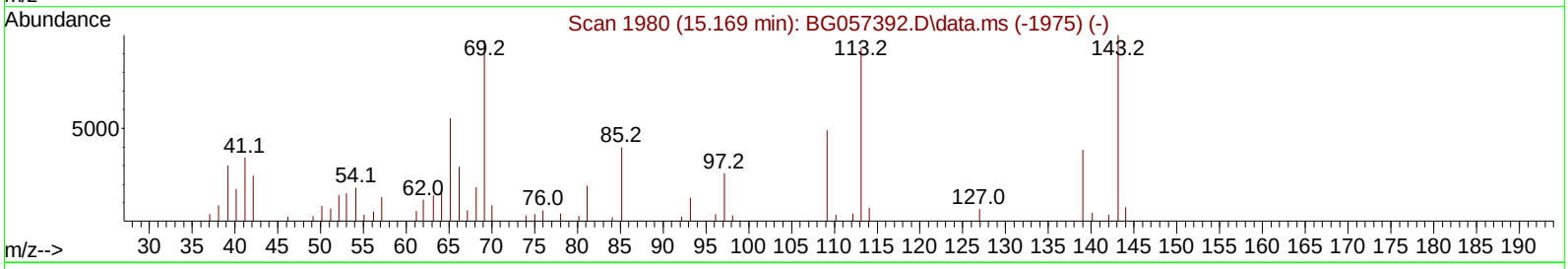

TIC: BG057398.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.166min (-0.003) 40.33 ng/ul m

response 22492

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	95.60	103.05
41.00	44.40	41.78
42.00	28.40	30.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.364	152	15267	20.000	ng/ul	0.00
20) Naphthalene-d8	11.201	136	62396	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.978	164	48353	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.716	188	119317	20.000	ng/ul	0.00
79) Chrysene-d12	22.028	240	110761	20.000	ng/ul	0.00
88) Perylene-d12	25.535	264	120890	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.641	96	2660	7.667	ng/uL	0.00
4) Pyridine-d5	4.081	84	36668	33.524	ng/ul	0.00
7) Phenol-d5	7.506	99	54333	37.632	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.671	67	30758	36.220	ng/ul	0.00
11) 2-Chlorophenol-d4	7.894	132	40278	42.333	ng/ul	0.00
15) 4-Methylphenol-d8	9.069	113	44078	40.168	ng/ul	0.00
21) Nitrobenzene-d5	9.545	128	20813	41.886	ng/ul	0.00
24) 2-Nitrophenol-d4	10.273	143	25057	43.209	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.819	165	49467	44.214	ng/ul	0.00
31) 4-Chloroaniline-d4	11.330	131	57731	38.933	ng/ul	0.00
46) Dimethylphthalate-d6	14.368	166	161982	42.278	ng/ul	0.00
49) Acenaphthylene-d8	14.679	160	180080	41.819	ng/ul	0.00
54) 4-Nitrophenol-d4	15.166	143	22492m	40.331	ng/ul	0.00
60) Fluorene-d10	15.965	176	147896	41.437	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.083	200	31877	45.092	ng/ul	0.00
73) Anthracene-d10	17.816	188	236654	43.453	ng/ul	0.00
81) Pyrene-d10	20.083	212	288784	43.926	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.288	264	271468	44.076	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.682	88	4552	12.372	ng/uL	92
5) Pyridine	4.105	79	32292	28.007	ng/ul	89
6) Benzaldehyde	7.489	77	28405	64.414	ng/ul	88
8) Phenol	7.536	94	48973	33.653	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.765	93	34314	31.506	ng/ul	98
12) 2-Chlorophenol	7.923	128	35963	35.985	ng/ul	99
13) 2-Methylphenol	8.799	108	37180	32.967	ng/ul	86
14) 2,2'-oxybis(1-Chloropr...	8.887	45	40968	29.175	ng/ul#	92
16) Acetophenone	9.192	105	60787	32.192	ng/ul	89
17) N-Nitroso-di-n-propyla...	9.169	70	32475	29.928	ng/ul#	95
18) 4-Methylphenol	9.133	108	41614	34.089	ng/ul	100
19) Hexachloroethane	9.462	117	14653	35.044	ng/ul	97
22) Nitrobenzene	9.586	77	49234	33.274	ng/ul	96
23) Isophorone	10.103	82	92339	32.800	ng/ul	100
25) 2-Nitrophenol	10.308	139	22197	37.791	ng/ul	96
26) 2,4-Dimethylphenol	10.344	107	47023	35.291	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.579	93	49317	33.701	ng/ul	99
29) 2,4-Dichlorophenol	10.843	162	41213	38.809	ng/ul	96
30) Naphthalene	11.254	128	121744	35.536	ng/ul	98
32) 4-Chloroaniline	11.354	127	42314	27.387	ng/ul	95
33) Hexachlorobutadiene	11.524	225	34170	37.937	ng/ul	93
34) Caprolactam	12.106	113	13122m	36.705	ng/ul	
35) 4-Chloro-3-methylphenol	12.452	107	45147	36.949	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.828	142	90098	35.862	ng/ul	99
37) 1-Methylnaphthalene	13.046	142	92379	36.568	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.193	216	66192	37.670	ng/ul	99
40) Hexachlorocyclopentadiene	13.163	237	17604	20.076	ng/ul	97
41) 2,4,6-Trichlorophenol	13.428	196	39223	38.327	ng/ul	93
42) 2,4,5-Trichlorophenol	13.504	196	42066	38.286	ng/ul	91
43) 1,1'-Biphenyl	13.815	154	131436	35.624	ng/ul	97
44) 2-Chloronaphthalene	13.868	162	104373	36.485	ng/ul	99
45) 2-Nitroaniline	14.062	65	31187	36.112	ng/ul	94
47) Dimethylphthalate	14.409	163	135680	35.265	ng/ul	100
48) 2,6-Dinitrotoluene	14.544	165	30189	38.127	ng/ul	98
50) Acenaphthylene	14.708	152	155699	35.581	ng/ul	98
51) 3-Nitroaniline	14.879	138	26165	46.637	ng/ul	96
52) Acenaphthene	15.043	153	112083	35.949	ng/ul	99
53) 2,4-Dinitrophenol	15.096	184	14016	33.240	ng/ul	95
55) 4-Nitrophenol	15.184	109	21442	33.916	ng/ul	96
56) Dibenzofuran	15.372	168	164356	36.505	ng/ul	99
57) 2,4-Dinitrotoluene	15.331	165	43780	38.624	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.595	232	38471	38.533	ng/ul	98
59) Diethylphthalate	15.760	149	140667	35.986	ng/ul	98
61) Fluorene	16.018	166	136802	35.933	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.995	204	79472	35.765	ng/ul	99
63) 4-Nitroaniline	16.036	138	28580	53.793	ng/ul	96
66) 4,6-Dinitro-2-methylph...	16.095	198	27451	38.107	ng/ul	99
67) N-Nitrosodiphenylamine	16.212	169	117771	37.786	ng/ul	100
68) 4-Bromophenyl-phenylether	16.894	248	55230	38.728	ng/ul	96
69) Hexachlorobenzene	17.023	284	58800	39.155	ng/ul	99
70) Atrazine	17.140	200	39477	28.499	ng/ul	95
71) Pentachlorophenol	17.369	266	22110	31.852	ng/ul	93
72) Phenanthrene	17.763	178	236489	38.061	ng/ul	99
74) Anthracene	17.851	178	232597	37.267	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.792	216	69443	38.695	ng/uL	99
76) Pentachlorobenzene	15.296	250	67096	36.730	ng/uL	100
77) Carbazole	18.115	167	201912	38.711	ng/ul	98
78) Di-n-butylphthalate	18.632	149	239443	40.145	ng/ul	99
80) Fluoranthene	19.748	202	298475	38.219	ng/ul	99
82) Pyrene	20.113	202	294757	37.283	ng/ul	98
83) Butylbenzylphthalate	20.964	149	106472	42.053	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.904	252	112646	45.794	ng/ul	96
85) Benzo(a)anthracene	22.004	228	301843	38.532	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.852	149	149669	40.645	ng/ul	97
87) Chrysene	22.081	228	279533	37.822	ng/ul	98
89) Di-n-octyl phthalate	23.144	149	253801	38.018	ng/ul	100
90) Benzo(b)fluoranthene	24.413	252	311504	37.210	ng/ul	97
91) Benzo(k)fluoranthene	24.483	252	298821	36.690	ng/ul	99
93) Benzo(a)pyrene	25.370	252	266352	36.853	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.588	276	340781	37.720	ng/ul	98
95) Dibenzo(a,h)anthracene	29.641	278	282929	37.767	ng/ul	98
96) Benzo(g,h,i)perylene	30.851	276	274009	37.475	ng/ul	97

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

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