Quantitation Report (Qedit)

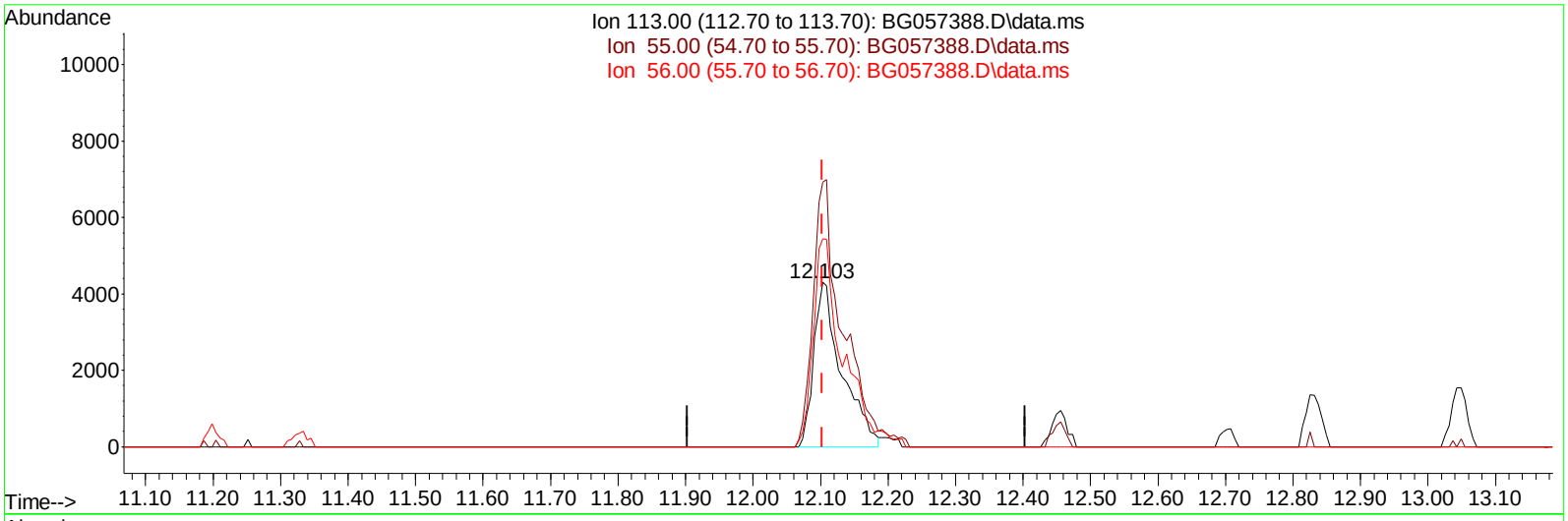
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057388.D
Acq On : 11 May 2023 3:51
Operator : CG/JU
Sample : PB152674BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

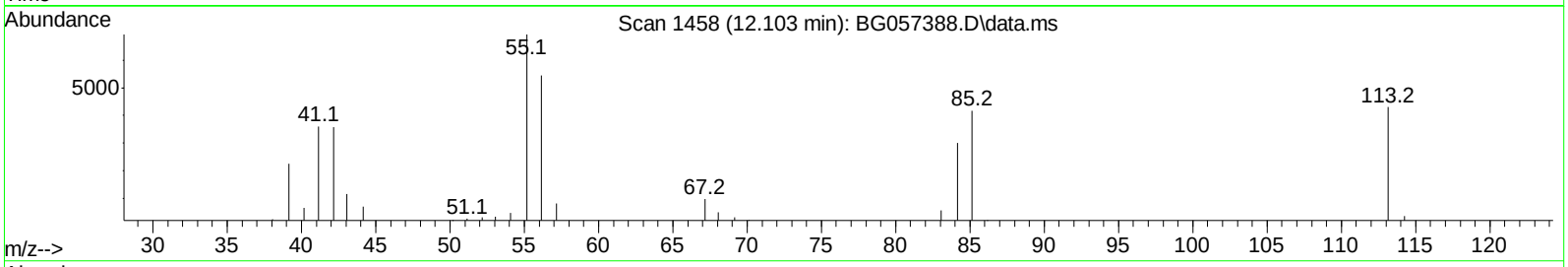
Quant Time: May 11 04:50:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 11:18:43 2023
Response via : Initial Calibration

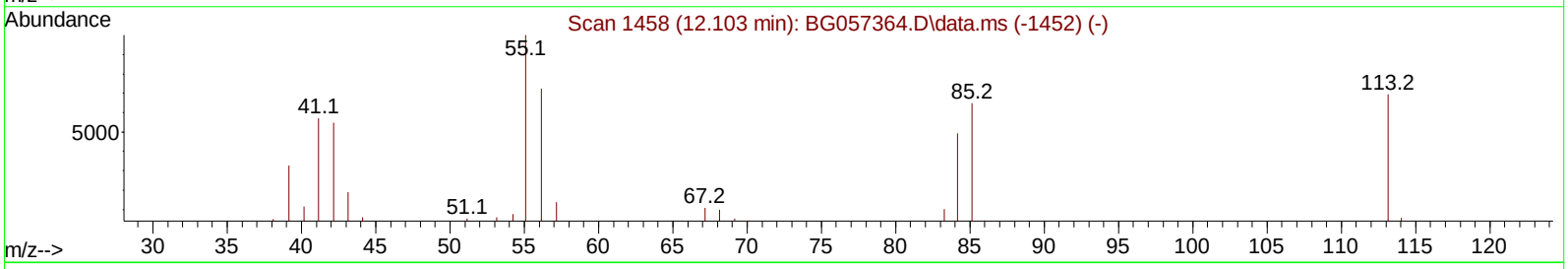
Instrument :
BNA_G
ClientSampleId :
SLCS674

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023







TIC: BG057388.D\data.ms

(34) Caprolactam

12.103min (-0.000) 31.98 ng/ul

response 12446

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.90	160.96
56.00	123.40	126.73
0.00	0.00	0.00

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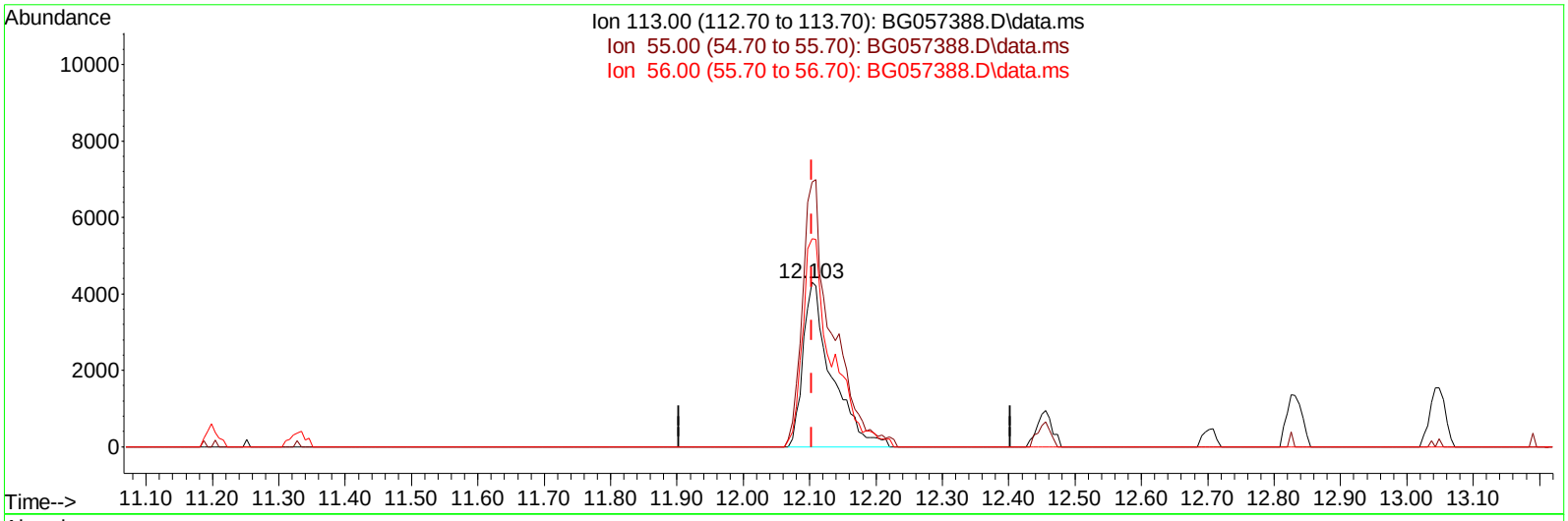

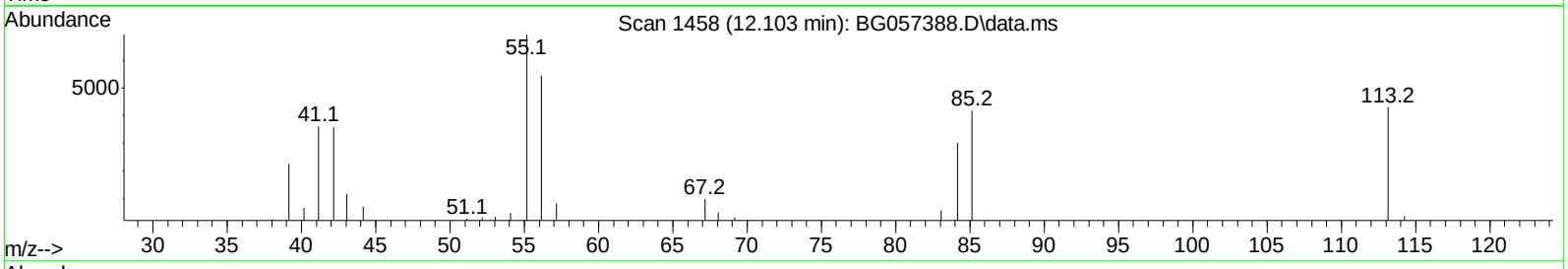

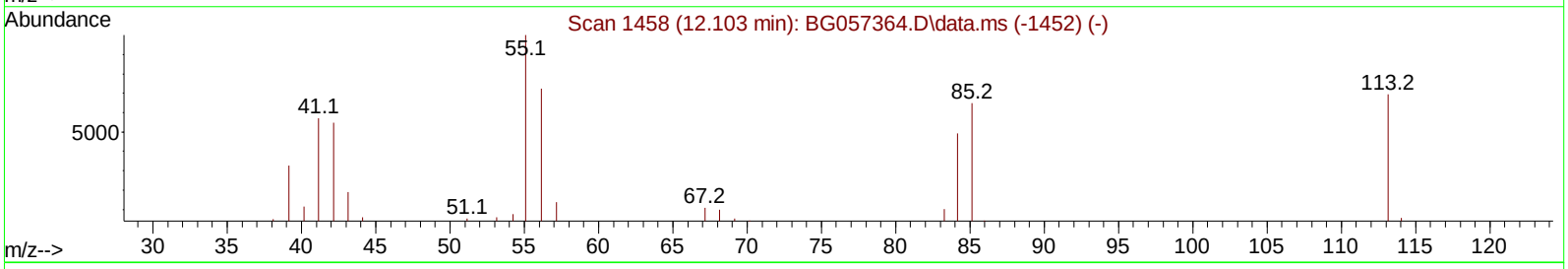

TIC: BG057388.D\data.ms

(34) Caprolactam

12.103min (-0.000) 32.96 ng/ul m

response 12830

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.90	160.96
56.00	123.40	126.73
0.00	0.00	0.00

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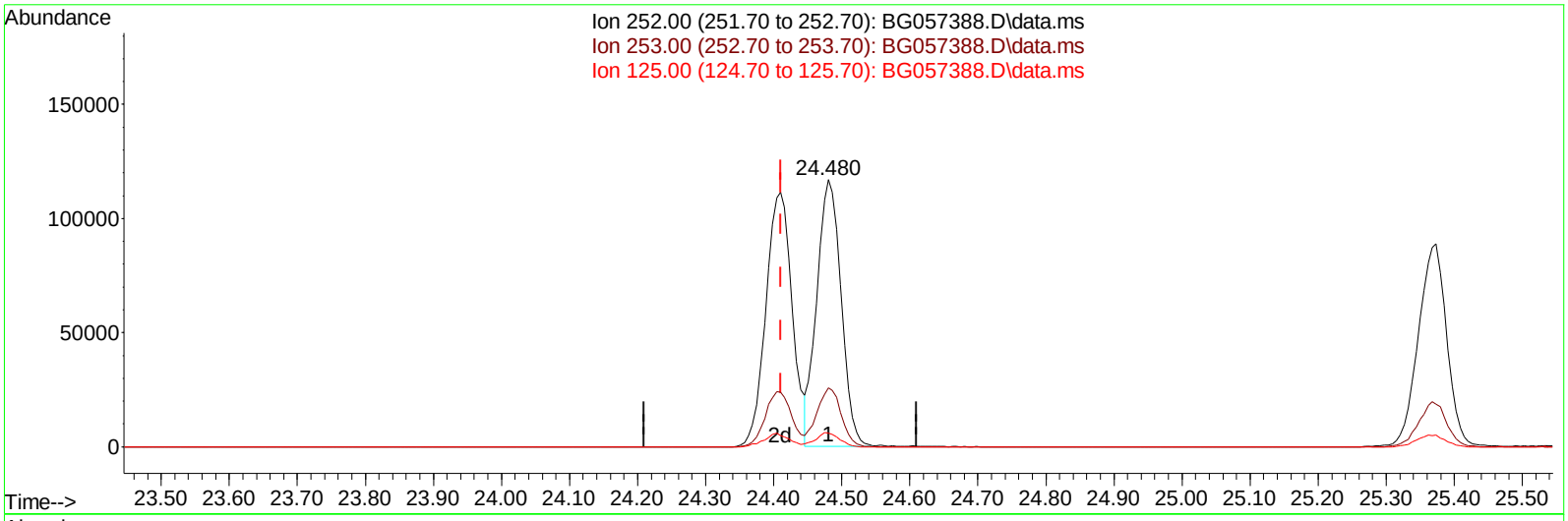

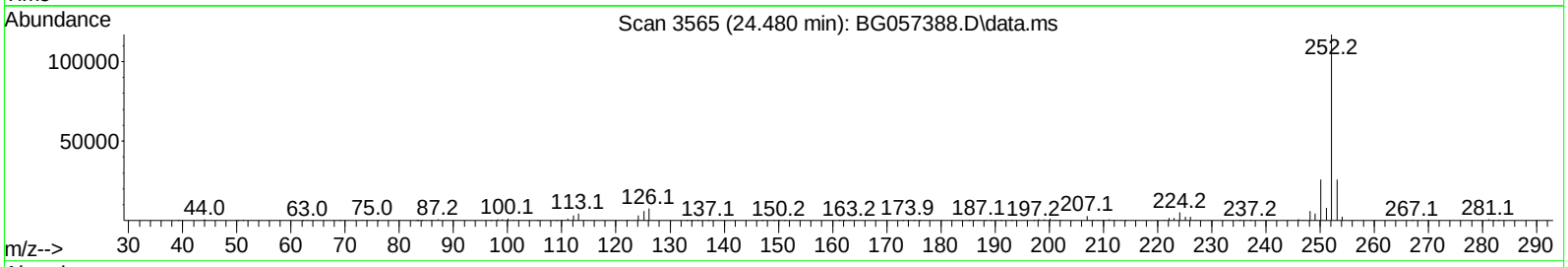

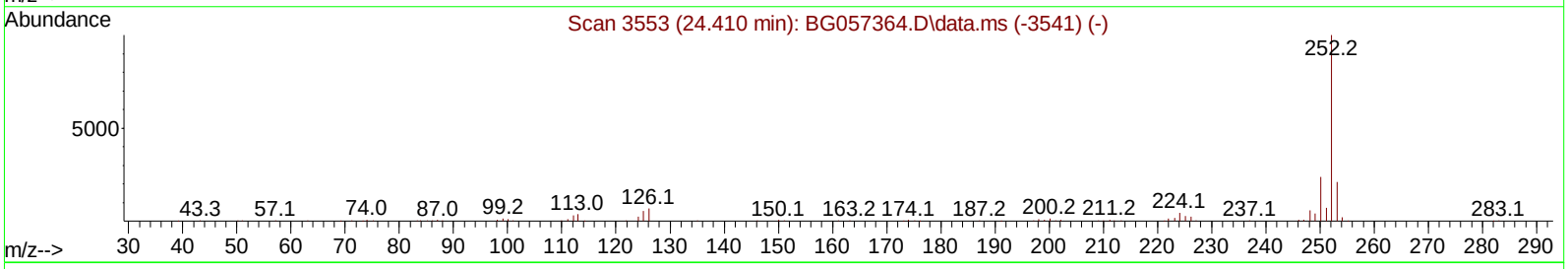

TIC: BG057388.D\data.ms

(90) Benzo(b)fluoranthene

24.480min (+ 0.070) 31.65 ng/ul

response 288204

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.90	22.02
125.00	6.00	5.15
0.00	0.00	0.00

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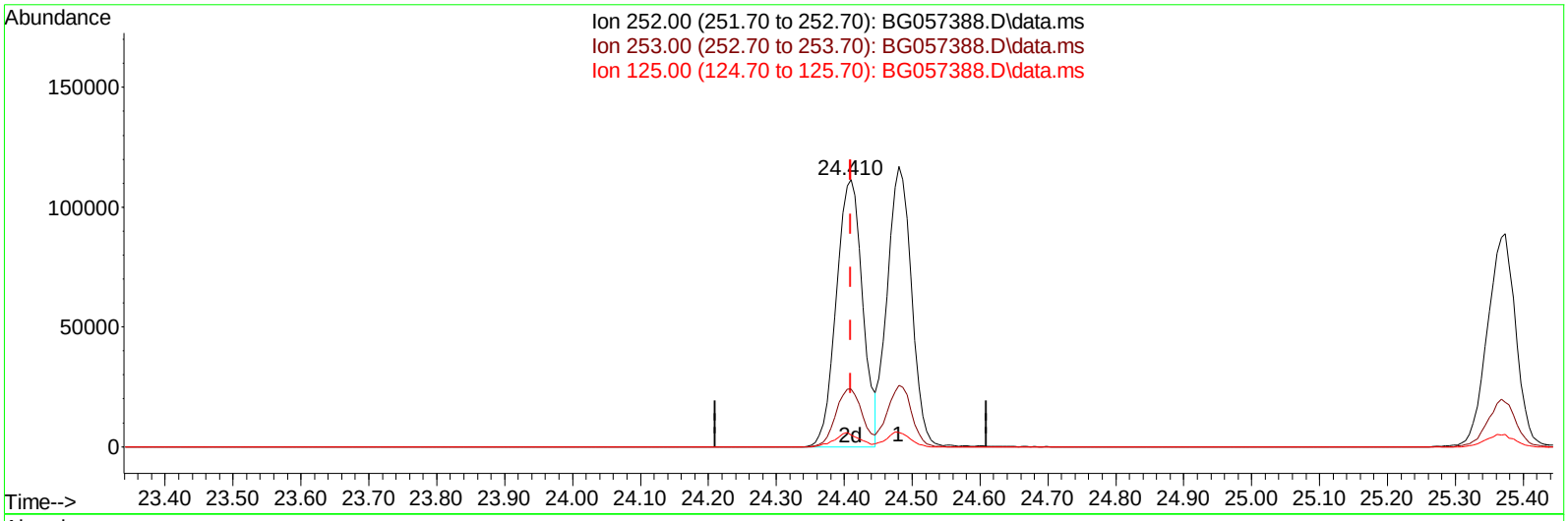

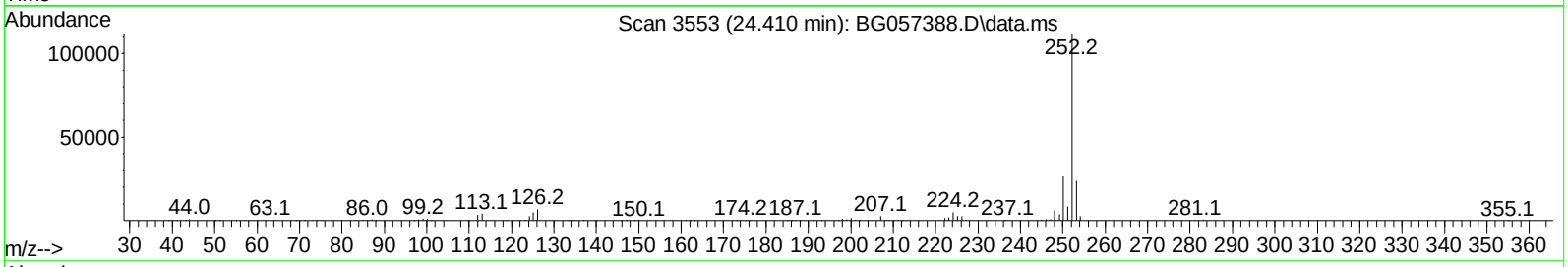

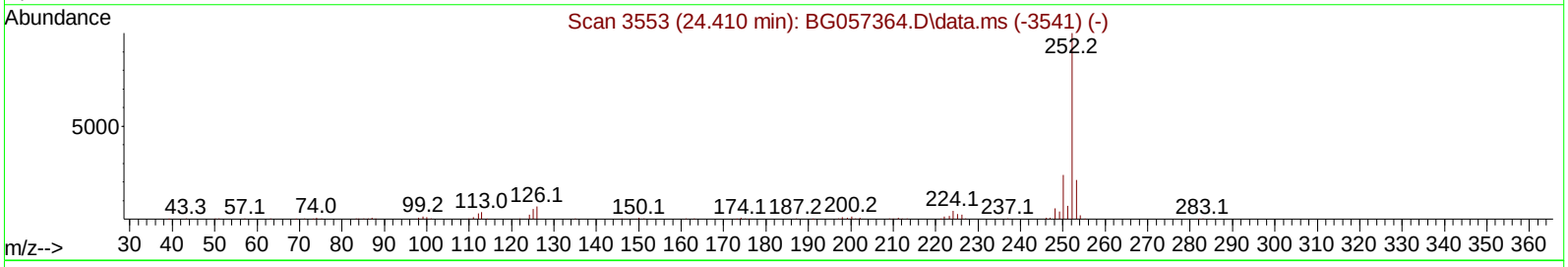

TIC: BG057388.D\data.ms

(90) Benzo(b)fluoranthene

24.410min (-0.000) 32.97 ng/ul m

response 300252

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.90	21.51
125.00	6.00	4.45#
0.00	0.00	0.00

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Operator : CG/JU
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Misc :
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Quant Time: May 11 04:53:06 2023
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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	8.367	152	16405	20.000	ng/ul	0.00
20) Naphthalene-d8	11.204	136	67931	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.982	164	53793	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.719	188	133677	20.000	ng/ul	0.00
79) Chrysene-d12	22.031	240	123700	20.000	ng/ul	0.00
88) Perylene-d12	25.532	264	131497	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.644	96	2099	5.630	ng/uL	0.00
4) Pyridine-d5	4.085	84	30867	26.263	ng/ul	0.00
7) Phenol-d5	7.509	99	46576	30.021	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.668	67	25088	27.493	ng/ul	0.00
11) 2-Chlorophenol-d4	7.891	132	33535	32.801	ng/ul	0.00
15) 4-Methylphenol-d8	9.072	113	35957	30.494	ng/ul	0.00
21) Nitrobenzene-d5	9.542	128	16916	31.269	ng/ul	0.00
24) 2-Nitrophenol-d4	10.270	143	21419	33.926	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.817	165	41931	34.425	ng/ul	0.00
31) 4-Chloroaniline-d4	11.328	131	45511	28.191	ng/ul	0.00
46) Dimethylphthalate-d6	14.365	166	136328	31.984	ng/ul	0.00
49) Acenaphthylene-d8	14.676	160	154293	32.207	ng/ul	0.00
54) 4-Nitrophenol-d4	15.170	143	18277	29.458	ng/ul	0.00
60) Fluorene-d10	15.963	176	127123	32.015	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.086	200	26080	32.929	ng/ul	0.00
73) Anthracene-d10	17.819	188	197502	32.368	ng/ul	0.00
81) Pyrene-d10	20.081	212	238953	32.544	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.291	264	222254	33.175	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.685	88	5015	12.685	ng/uL#	80
5) Pyridine	4.108	79	32452	26.194	ng/ul	89
6) Benzaldehyde	7.492	77	28907	61.005	ng/ul	88
8) Phenol	7.533	94	48115	30.770	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.762	93	34679	29.632	ng/ul	92
12) 2-Chlorophenol	7.926	128	34873	32.474	ng/ul	95
13) 2-Methylphenol	8.802	108	36231	29.897	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.890	45	40172	26.624	ng/ul#	93
16) Acetophenone	9.195	105	59669	29.408	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.166	70	32464	27.843	ng/ul	93
18) 4-Methylphenol	9.131	108	40464	30.848	ng/ul	96
19) Hexachloroethane	9.466	117	14410	32.072	ng/ul	94
22) Nitrobenzene	9.589	77	49370	30.647	ng/ul	97
23) Isophorone	10.106	82	91526	29.862	ng/ul	97
25) 2-Nitrophenol	10.306	139	21985	34.380	ng/ul	95
26) 2,4-Dimethylphenol	10.347	107	45003	31.023	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.576	93	49964	31.361	ng/ul	96
29) 2,4-Dichlorophenol	10.846	162	40256	34.819	ng/ul	98
30) Naphthalene	11.251	128	120582	32.329	ng/ul	99
32) 4-Chloroaniline	11.357	127	43316	25.751	ng/ul	99
33) Hexachlorobutadiene	11.522	225	33457	34.119	ng/ul	96
34) Caprolactam	12.103	113	12830m	32.964	ng/ul	
35) 4-Chloro-3-methylphenol	12.450	107	44264	33.275	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36)	2-Methylnaphthalene	12.832	142	89156	32.595 ng/ul	99
37)	1-Methylnaphthalene	13.049	142	92059	33.472 ng/ul	97
39)	1,2,4,5-Tetrachloroben...	13.190	216	65337	33.423 ng/ul	99
40)	Hexachlorocyclopentadiene	13.166	237	15450	15.838 ng/ul	96
41)	2,4,6-Trichlorophenol	13.425	196	37870	33.263 ng/ul	92
42)	2,4,5-Trichlorophenol	13.507	196	42905	35.100 ng/ul	87
43)	1,1'-Biphenyl	13.813	154	128856	31.393 ng/ul	96
44)	2-Chloronaphthalene	13.865	162	102469	32.197 ng/ul	100
45)	2-Nitroaniline	14.065	65	30494	31.739 ng/ul	87
47)	Dimethylphthalate	14.412	163	136079	31.792 ng/ul	99
48)	2,6-Dinitrotoluene	14.547	165	29859	33.897 ng/ul	98
50)	Acenaphthylene	14.705	152	154177	31.670 ng/ul	98
51)	3-Nitroaniline	14.882	138	26424	42.336 ng/ul	98
52)	Acenaphthene	15.040	153	109377	31.533 ng/ul	100
53)	2,4-Dinitrophenol	15.093	184	12145	25.890 ng/ul	97
55)	4-Nitrophenol	15.181	109	20097	28.574 ng/ul	95
56)	Dibenzofuran	15.375	168	163943	32.731 ng/ul	99
57)	2,4-Dinitrotoluene	15.334	165	42222	33.482 ng/ul	94
58)	2,3,4,6-Tetrachlorophenol	15.598	232	37093	33.396 ng/ul#	97
59)	Diethylphthalate	15.757	149	136024	31.279 ng/ul	97
61)	Fluorene	16.021	166	137196	32.392 ng/ul	97
62)	4-Chlorophenyl-phenyle...	15.998	204	80040	32.378 ng/ul	98
63)	4-Nitroaniline	16.039	138	26625	45.046 ng/ul	93
66)	4,6-Dinitro-2-methylph...	16.098	198	26593	32.950 ng/ul	99
67)	N-Nitrosodiphenylamine	16.209	169	115335	33.029 ng/ul	98
68)	4-Bromophenyl-phenylether	16.891	248	53202	33.298 ng/ul	96
69)	Hexachlorobenzene	17.026	284	57049	33.908 ng/ul	97
70)	Atrazine	17.143	200	37717	24.303 ng/ul	98
71)	Pentachlorophenol	17.372	266	19221	24.715 ng/ul	95
72)	Phenanthrene	17.760	178	227520	32.684 ng/ul	99
74)	Anthracene	17.854	178	226815	32.437 ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.789	216	68848	34.242 ng/uL	99
76)	Pentachlorobenzene	15.293	250	67106	32.789 ng/uL	96
77)	Carbazole	18.119	167	195691	33.488 ng/ul	98
78)	Di-n-butylphthalate	18.635	149	225954	33.814 ng/ul	98
80)	Fluoranthene	19.752	202	285585	32.743 ng/ul	98
82)	Pyrene	20.110	202	286132	32.406 ng/ul	99
83)	Butylbenzylphthalate	20.962	149	99474	35.179 ng/ul	98
84)	3,3'-Dichlorobenzidine	21.902	252	107115	38.990 ng/ul	97
85)	Benzo(a)anthracene	22.007	228	291887	33.364 ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.849	149	144457	35.126 ng/ul	97
87)	Chrysene	22.078	228	270964	32.828 ng/ul	98
89)	Di-n-octyl phthalate	23.147	149	243713	33.562 ng/ul	100
90)	Benzo(b)fluoranthene	24.410	252	300252m	32.973 ng/ul	
91)	Benzo(k)fluoranthene	24.480	252	288695	32.587 ng/ul	100
93)	Benzo(a)pyrene	25.373	252	258052	32.825 ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	29.585	276	327255	33.301 ng/ul	99
95)	Dibenzo(a,h)anthracene	29.638	278	268556	32.957 ng/ul	99
96)	Benzo(g,h,i)perylene	30.860	276	261972	32.939 ng/ul	96

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

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