Quantitation Report (Qedit)

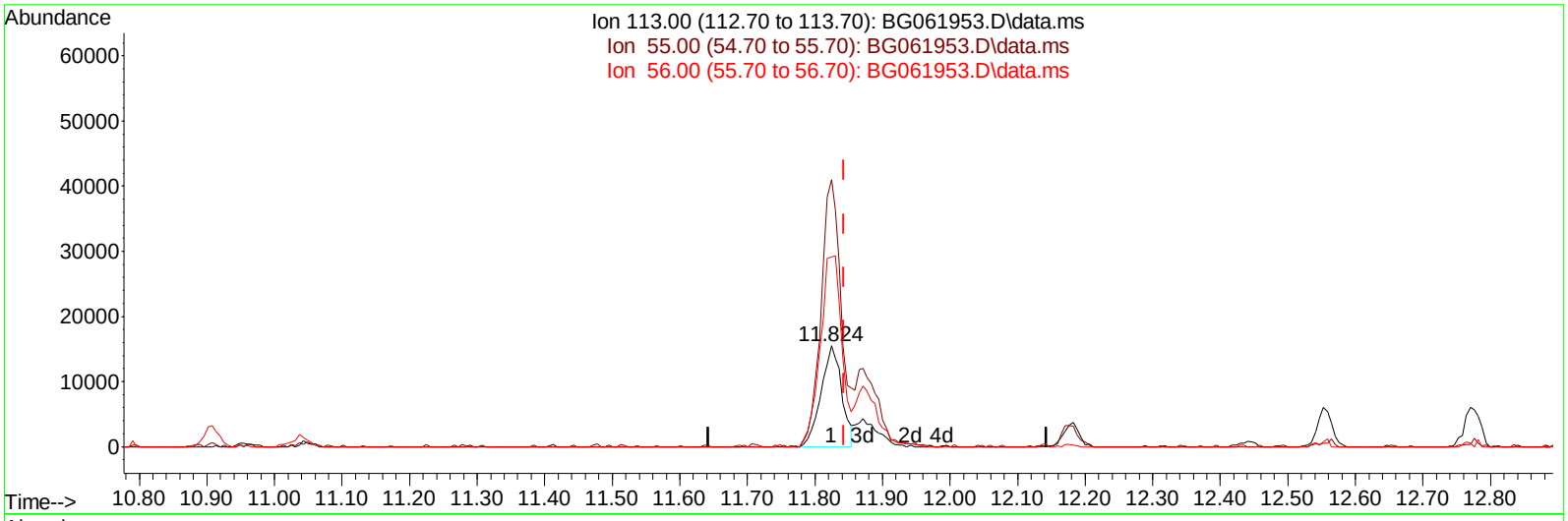
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
Data File : BG061953.D
Acq On : 8 Jul 2024 22:55
Operator : MA/JU
Sample : PB161746BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

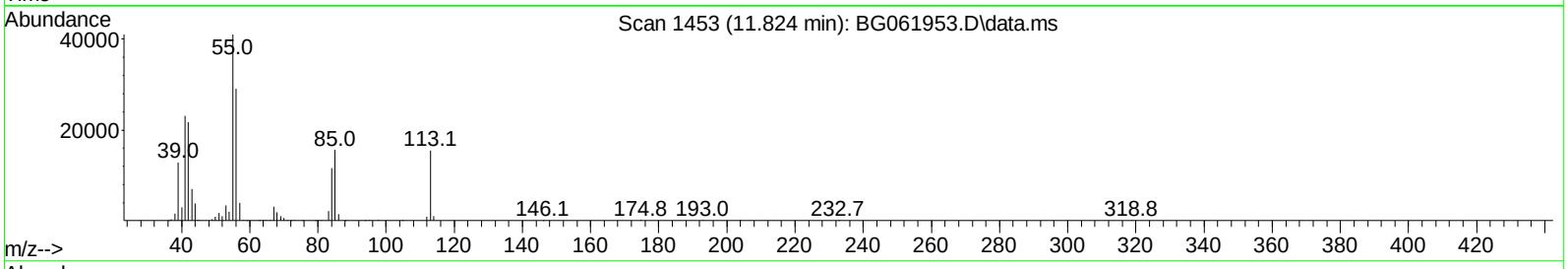
Quant Time: Jul 09 00:37:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

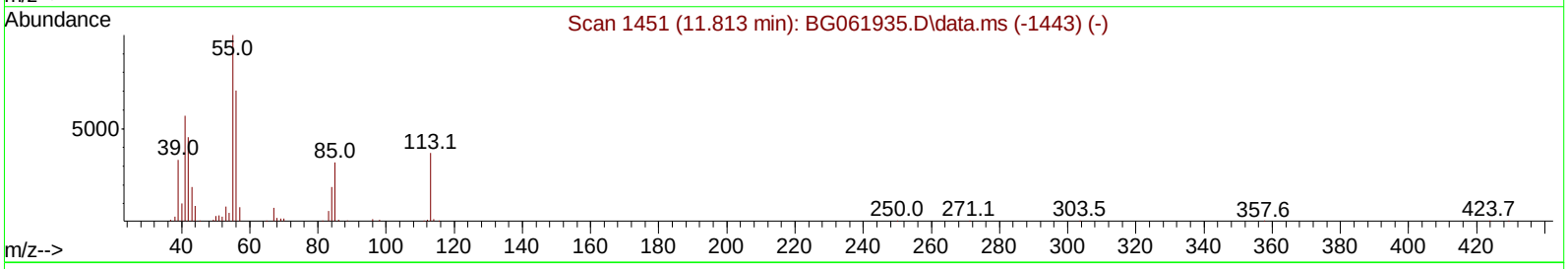
Instrument :
BNA_G
ClientSampleId :
SLCS746

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024







TIC: BG061953.D\data.ms

(34) Caprolactam

11.824min (-0.018) 24.39 ng/ul

response 33030

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	264.77
56.00	168.80	188.10
0.00	0.00	0.00

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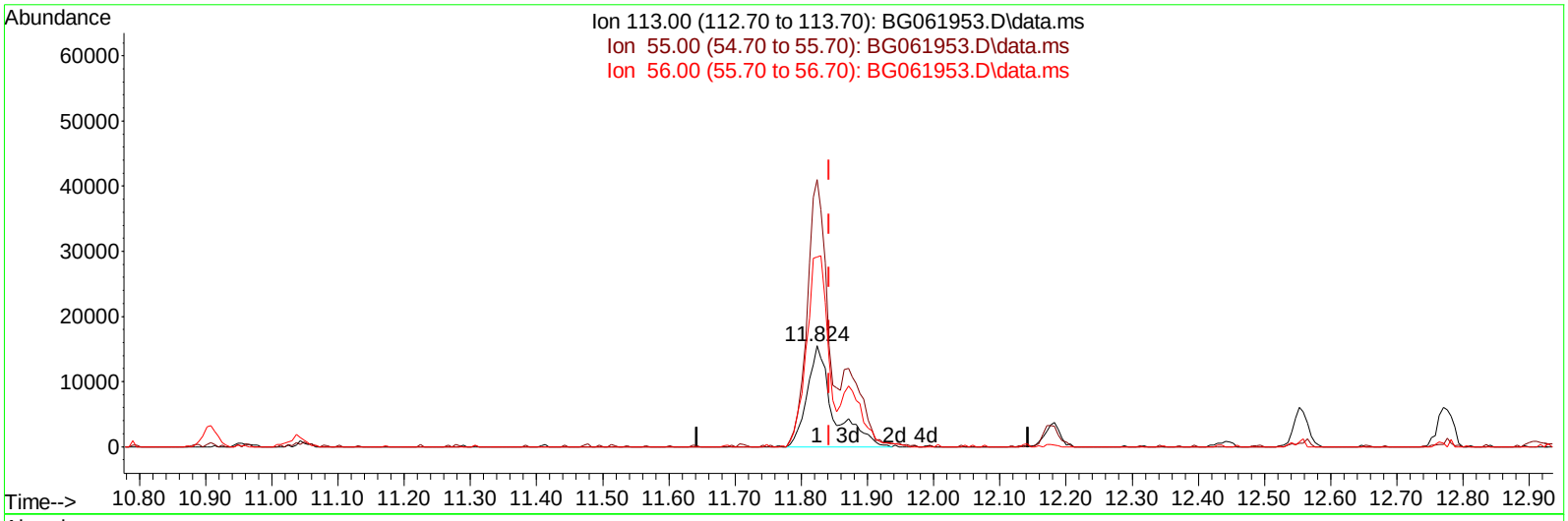

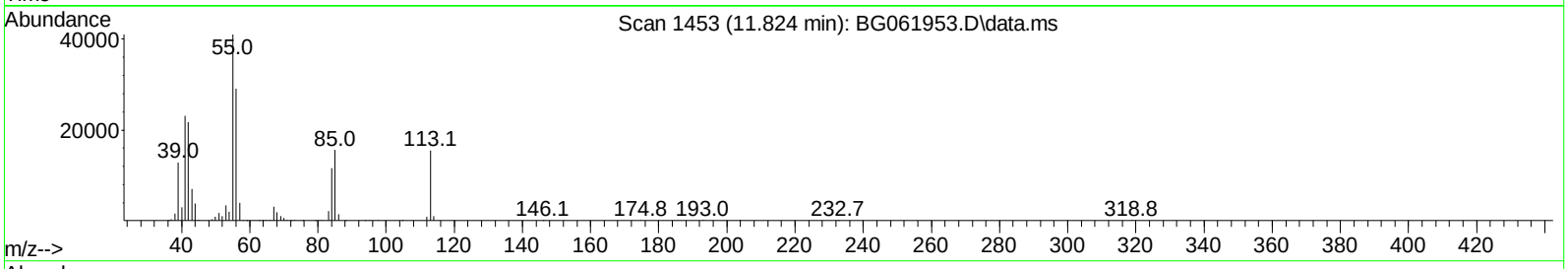

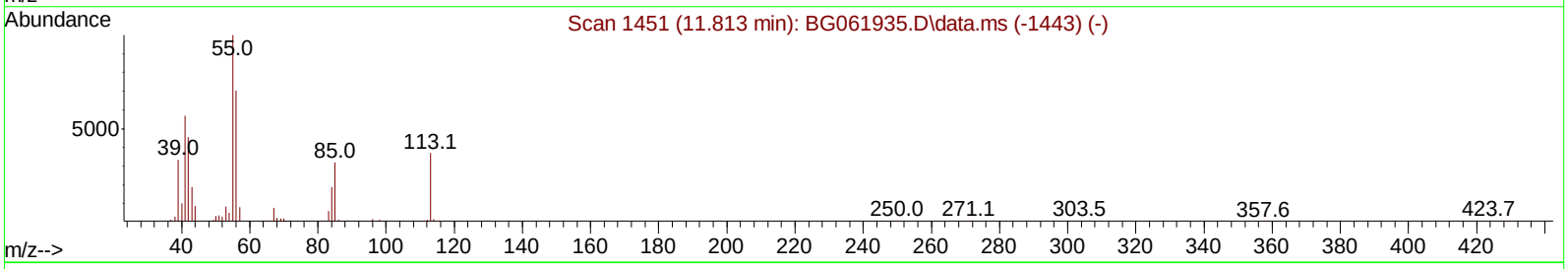

TIC: BG061953.D\data.ms

(34) Caprolactam

11.824min (-0.018) 31.57 ng/ul m

response 42749

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	264.77
56.00	168.80	188.10
0.00	0.00	0.00

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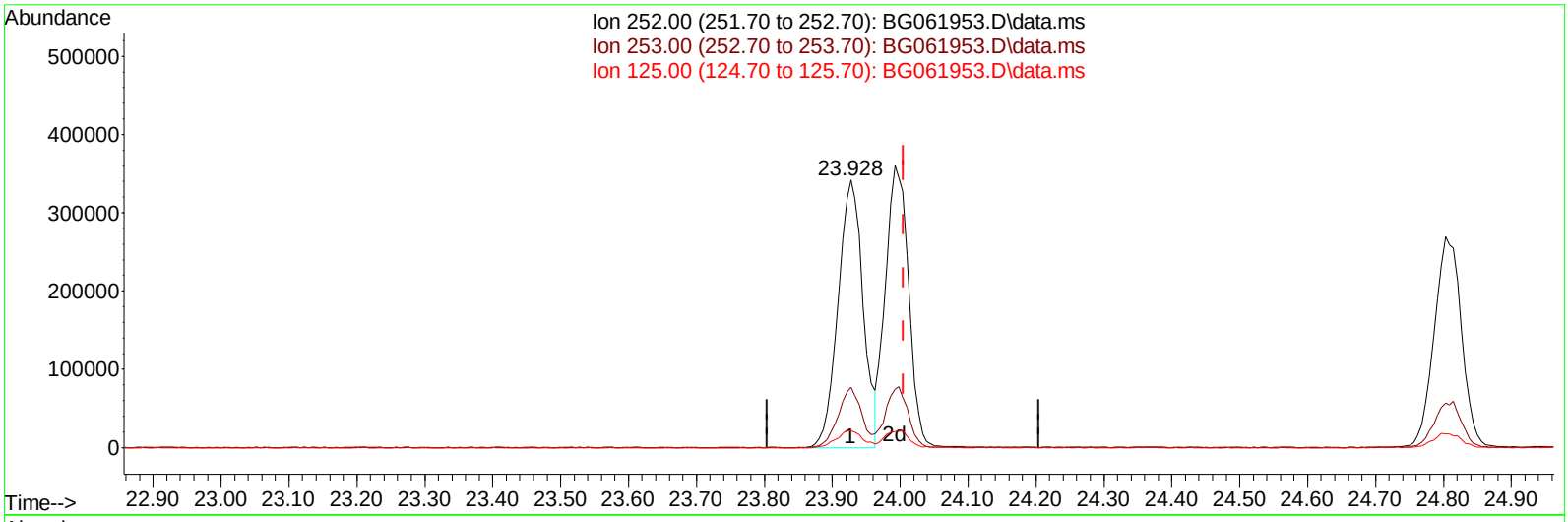

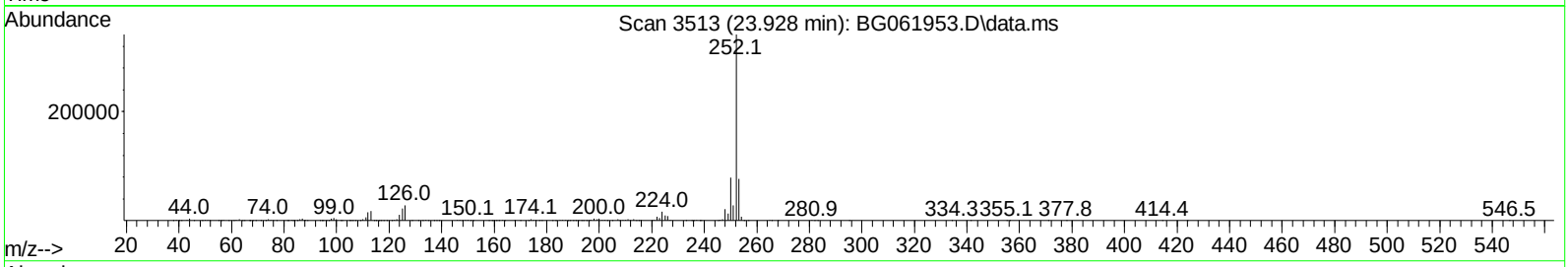

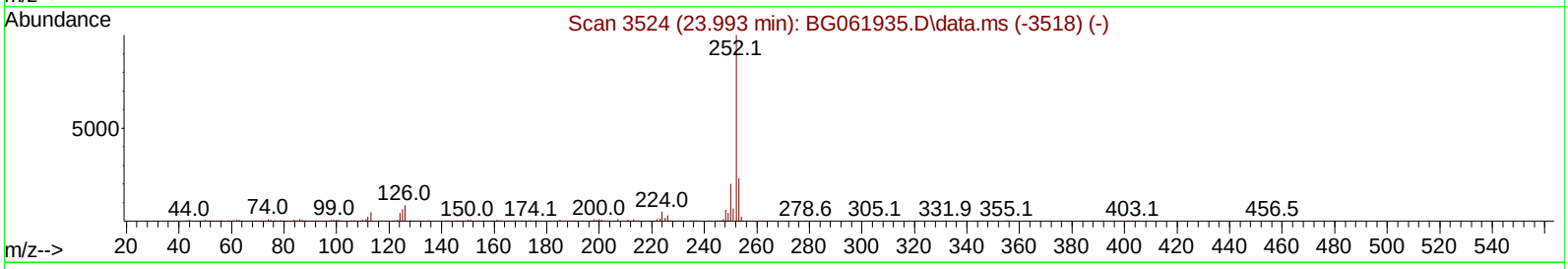

TIC: BG061953.D\data.ms

(91) Benzo(k)fluoranthene

23.928min (-0.077) 33.26 ng/ul

response 875940

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	22.45
125.00	7.90	6.33
0.00	0.00	0.00

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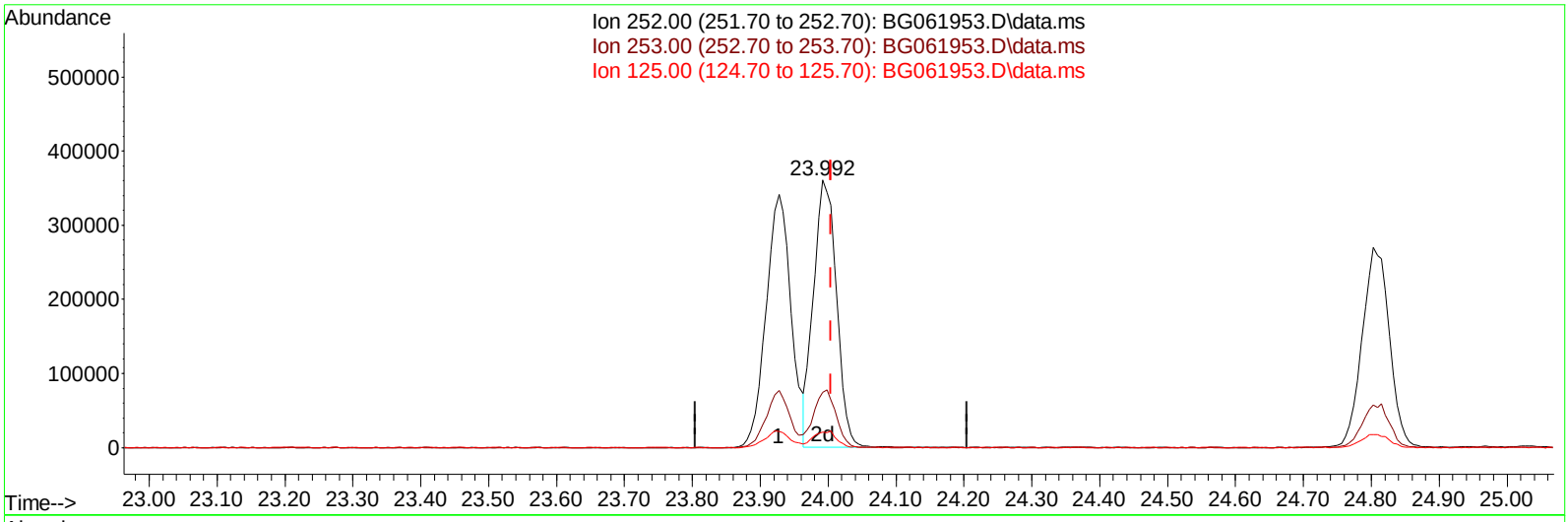

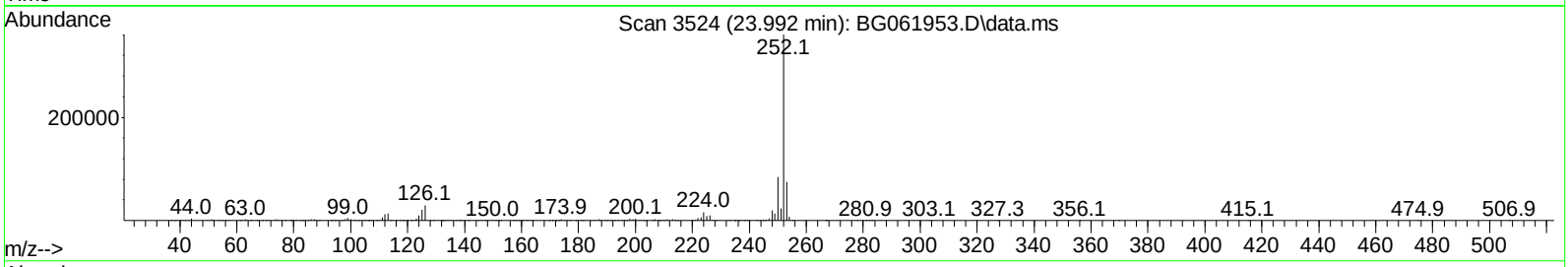

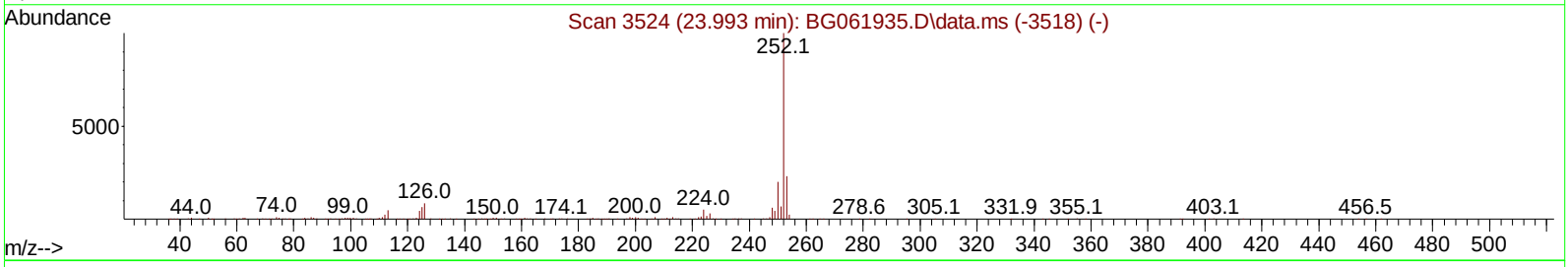

TIC: BG061953.D\data.ms

(91) Benzo(k)fluoranthene

23.992min (-0.013) 32.18 ng/ul m

response 847721

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	20.71
125.00	7.90	5.78#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	41878	20.000	ng/ul	0.00
20) Naphthalene-d8	10.908	136	219618	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.721	164	169020	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.459	188	376808	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.718	240	348239	20.000	ng/ul	0.00
88) Perylene-d12	24.956	264	419232	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	7037	6.315	ng/uL	0.00
4) Pyridine-d5	3.904	84	82915	24.197	ng/ul	0.00
7) Phenol-d5	7.247	99	142864	31.173	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.418	67	80465	27.725	ng/ul	0.00
11) 2-Chlorophenol-d4	7.623	132	97215	30.924	ng/ul	0.00
15) 4-Methylphenol-d8	8.798	113	111198	30.816	ng/ul	0.00
21) Nitrobenzene-d5	9.262	128	54583	32.679	ng/ul	0.00
24) 2-Nitrophenol-d4	9.985	143	61980	32.494	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.526	165	125001	33.976	ng/ul	0.00
31) 4-Chloroaniline-d4	11.037	131	144377	27.030	ng/ul	0.00
46) Dimethylphthalate-d6	14.121	166	416564	29.978	ng/ul	0.00
49) Acenaphthylene-d8	14.415	160	456195	31.397	ng/ul	0.00
54) 4-Nitrophenol-d4	14.909	143	67460	30.400	ng/ul	0.00
60) Fluorene-d10	15.708	176	363002	31.031	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.825	200	76312	38.562	ng/ul	0.00
73) Anthracene-d10	17.559	188	545054	30.982	ng/ul	0.00
81) Pyrene-d10	19.832	212	642907	31.387	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.733	264	700490	33.691	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.522	88	12529	10.186	ng/uL	92
5) Pyridine	3.922	79	89792	25.551	ng/ul	93
6) Benzaldehyde	7.229	77	72297	29.806	ng/ul	95
8) Phenol	7.277	94	148827	31.718	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.512	93	103894	28.823	ng/ul	98
12) 2-Chlorophenol	7.658	128	105326	32.886	ng/ul	92
13) 2-Methylphenol	8.528	108	104074	31.076	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.616	45	212799	27.022	ng/ul#	96
16) Acetophenone	8.916	105	185618	31.141	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.898	70	96424	28.896	ng/ul#	92
18) 4-Methylphenol	8.863	108	117993	31.461	ng/ul	96
19) Hexachloroethane	9.180	117	46397	33.394	ng/ul	92
22) Nitrobenzene	9.304	77	153210	32.315	ng/ul	99
23) Isophorone	9.821	82	298480	27.866	ng/ul#	97
25) 2-Nitrophenol	10.014	139	62897	32.334	ng/ul	90
26) 2,4-Dimethylphenol	10.067	107	117272	25.191	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.302	93	159858	27.101	ng/ul	100
29) 2,4-Dichlorophenol	10.549	162	113329	32.793	ng/ul	95
30) Naphthalene	10.960	128	380553	31.545	ng/ul	97
32) 4-Chloroaniline	11.060	127	139820	26.677	ng/ul	99
33) Hexachlorobutadiene	11.231	225	85697	32.952	ng/ul	91
34) Caprolactam	11.824	113	42749m	31.573	ng/ul	
35) 4-Chloro-3-methylphenol	12.177	107	164762	35.797	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.553	142	282636	32.339	ng/ul	99
37) 1-Methylnaphthalene	12.770	142	285076	31.388	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.917	216	167307	32.962	ng/ul	94
40) Hexachlorocyclopentadiene	12.888	237	65573	19.407	ng/ul	89
41) 2,4,6-Trichlorophenol	13.152	196	98932	29.346	ng/ul	97
42) 2,4,5-Trichlorophenol	13.228	196	111051	29.987	ng/ul	87
43) 1,1'-Biphenyl	13.557	154	396714	30.463	ng/ul#	98
44) 2-Chloronaphthalene	13.599	162	304406	31.145	ng/ul	93
45) 2-Nitroaniline	13.804	65	133821	34.191	ng/ul	98
47) Dimethylphthalate	14.168	163	396987	29.702	ng/ul	98
48) 2,6-Dinitrotoluene	14.292	165	86647	34.173	ng/ul	98
50) Acenaphthylene	14.445	152	488443	30.629	ng/ul	98
51) 3-Nitroaniline	14.621	138	82489	33.422	ng/ul	90
52) Acenaphthene	14.779	153	338406	30.732	ng/ul	96
53) 2,4-Dinitrophenol	14.826	184	46698	35.252	ng/ul	98
55) 4-Nitrophenol	14.932	109	89545	35.355	ng/ul	88
56) Dibenzofuran	15.114	168	470593	30.237	ng/ul	96
57) 2,4-Dinitrotoluene	15.073	165	130653	35.136	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.338	232	92001	27.511	ng/ul	96
59) Diethylphthalate	15.526	149	419526	29.128	ng/ul	96
61) Fluorene	15.761	166	401825	30.360	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.749	204	203649	30.632	ng/ul	98
63) 4-Nitroaniline	15.784	138	88523	35.347	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.837	198	81167	38.111	ng/ul#	93
67) N-Nitrosodiphenylamine	15.966	169	333194	32.379	ng/ul	97
68) 4-Bromophenyl-phenylether	16.642	248	143707	33.617	ng/ul	99
69) Hexachlorobenzene	16.760	284	172094	35.010	ng/ul	94
70) Atrazine	16.906	200	34652	8.530	ng/ul	95
71) Pentachlorophenol	17.100	266	73857	27.335	ng/ul	92
72) Phenanthrene	17.500	178	642500	32.338	ng/ul	99
74) Anthracene	17.594	178	623449	30.364	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.522	216	166268	35.528	ng/ul	95
76) Pentachlorobenzene	15.026	250	189949	35.586	ng/ul	97
77) Carbazole	17.858	167	559889	32.401	ng/ul	97
78) Di-n-butylphthalate	18.405	149	694362	31.298	ng/ul	99
80) Fluoranthene	19.503	202	732546	30.220	ng/ul#	94
82) Pyrene	19.862	202	786054	31.392	ng/ul#	94
83) Butylbenzylphthalate	20.737	149	316507	30.118	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.613	252	289090	34.895	ng/ul	98
85) Benzo(a)anthracene	21.701	228	809357	32.100	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.595	149	459855	30.495	ng/ul#	99
87) Chrysene	21.765	228	761076	32.244	ng/ul	97
89) Di-n-octyl phthalate	22.811	149	800541	31.256	ng/ul	100
90) Benzo(b)fluoranthene	23.928	252	875940	33.163	ng/ul	98
91) Benzo(k)fluoranthene	23.992	252	847721m	32.185	ng/ul	
93) Benzo(a)pyrene	24.803	252	752573	30.089	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.657	276	1071717	33.530	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.716	278	877018	33.223	ng/ul#	96
96) Benzo(g,h,i)perylene	29.815	276	802496	31.559	ng/ul	98

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

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