Quantitation Report (Qedit)

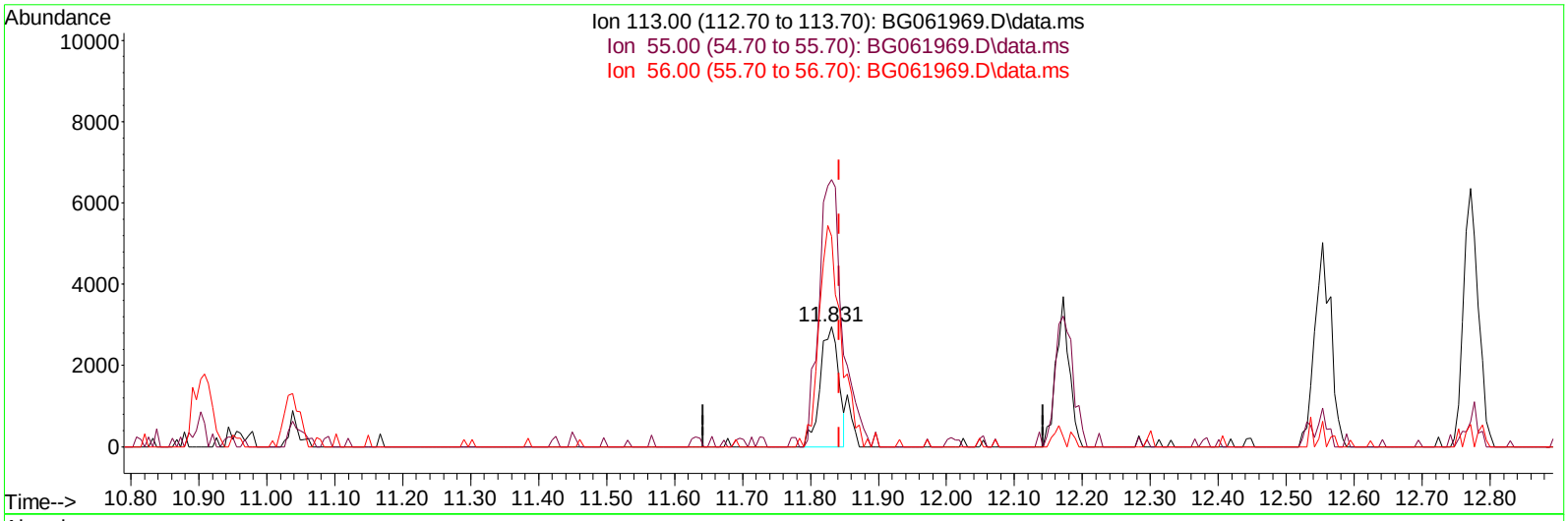
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
Data File : BG061969.D
Acq On : 9 Jul 2024 11:05
Operator : MA/JU
Sample : P3059-05MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

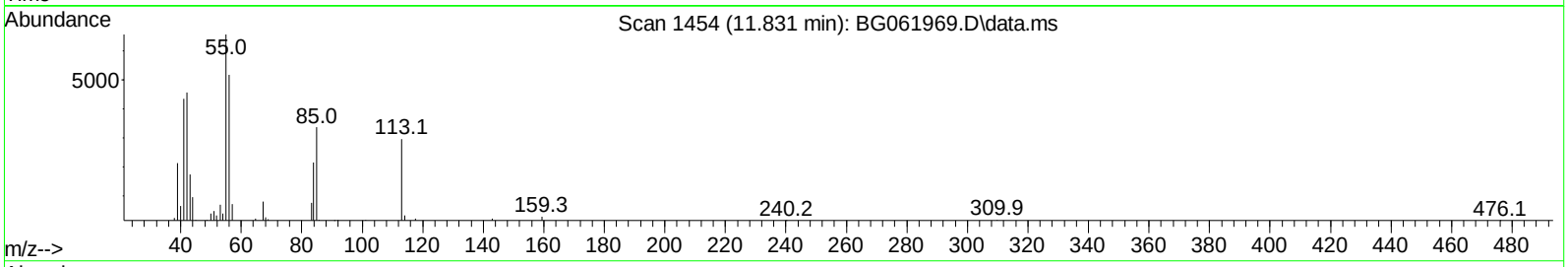
Quant Time: Jul 09 12:31:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

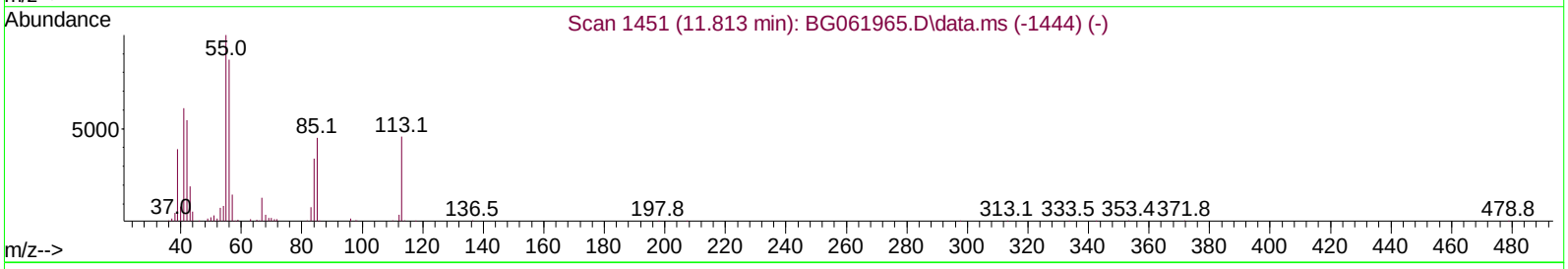
Instrument :
BNA_G
ClientSampleId :
E1GM5MSD

Manual IntegrationsAPPROVED

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







TIC: BG061969.D\data.ms

(34) Caprolactam

11.831min (-0.012) 4.46 ng/ul

response 5596

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	222.04
56.00	168.80	174.98
0.00	0.00	0.00

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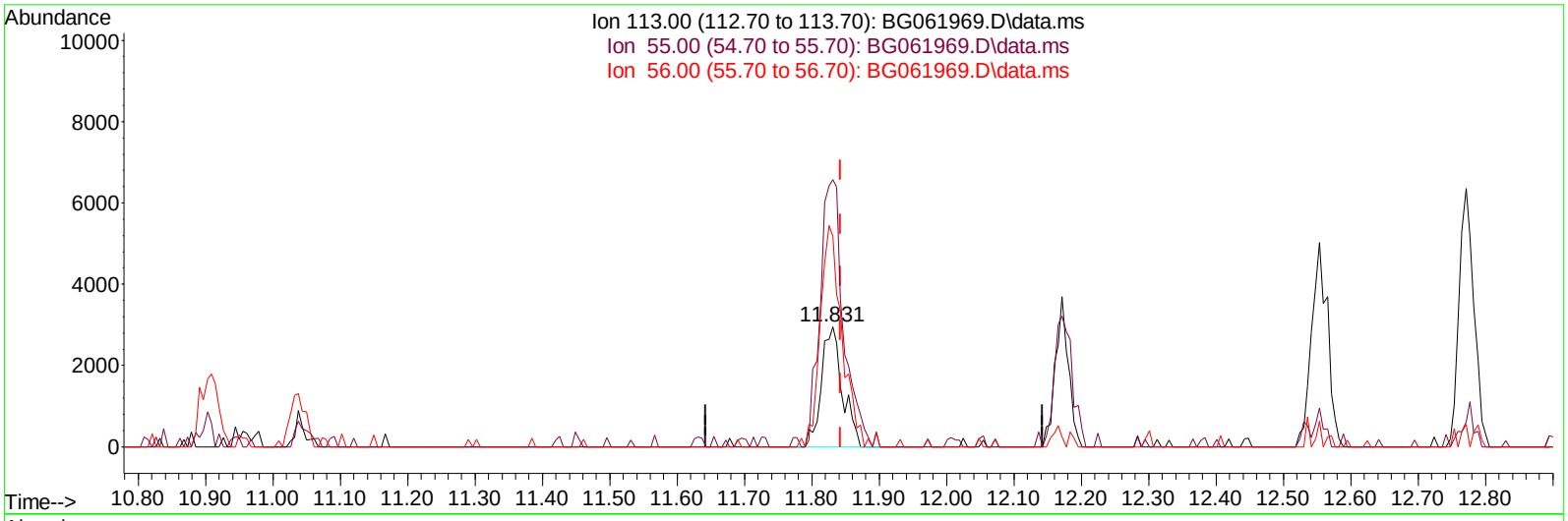

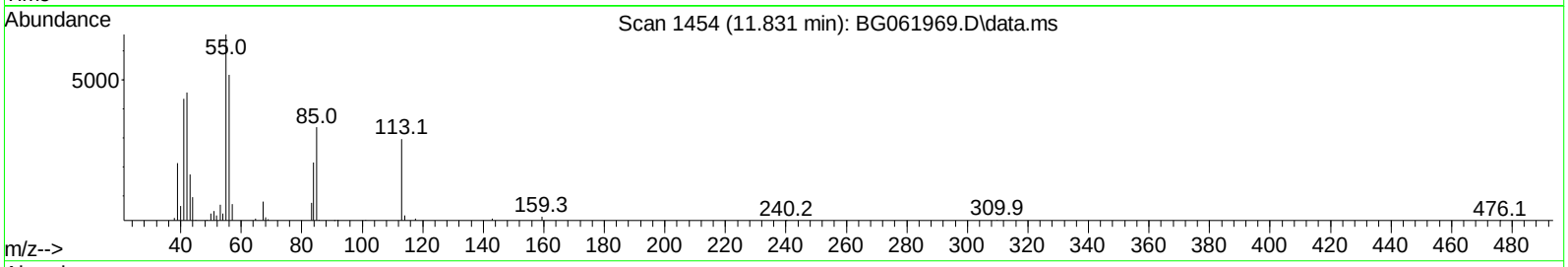

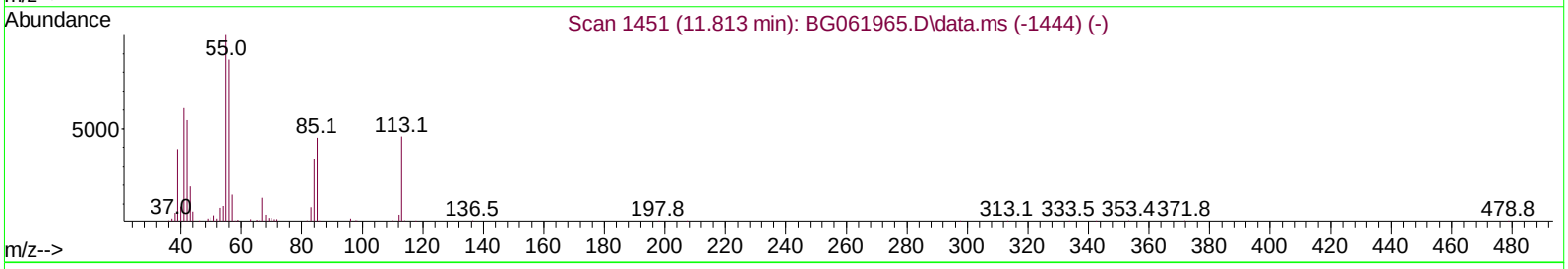

TIC: BG061969.D\data.ms

(34) Caprolactam

11.831min (-0.012) 5.12 ng/ul m

response 6415

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	222.04
56.00	168.80	174.98
0.00	0.00	0.00

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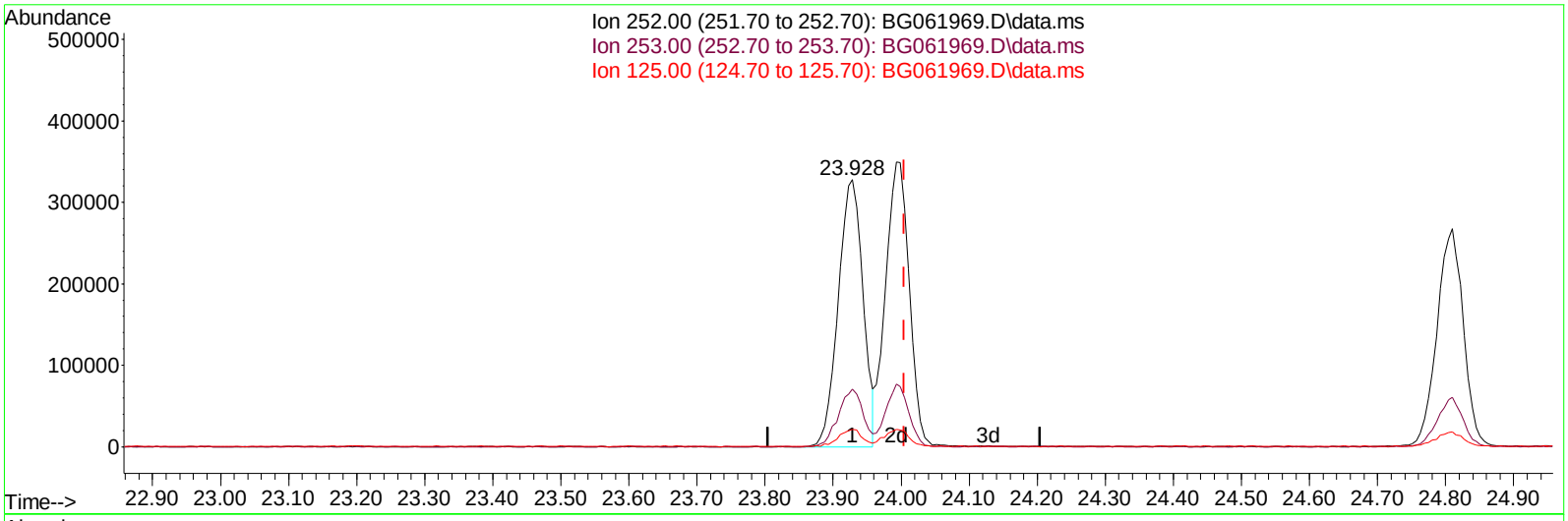

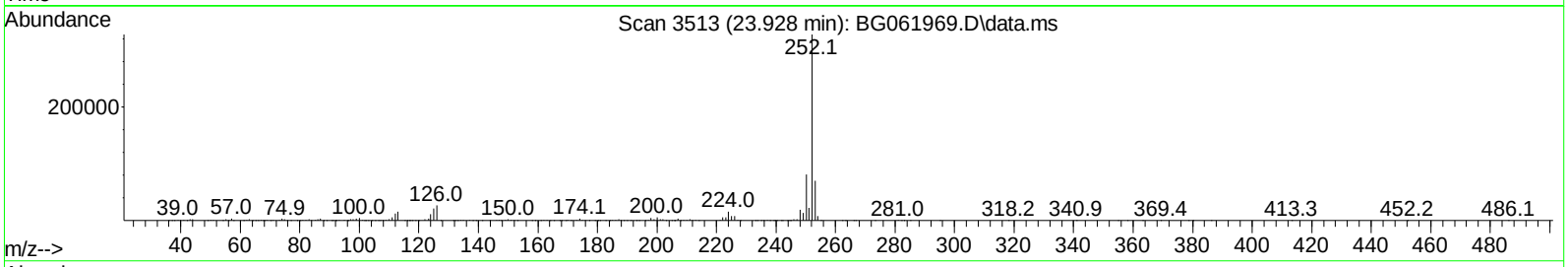

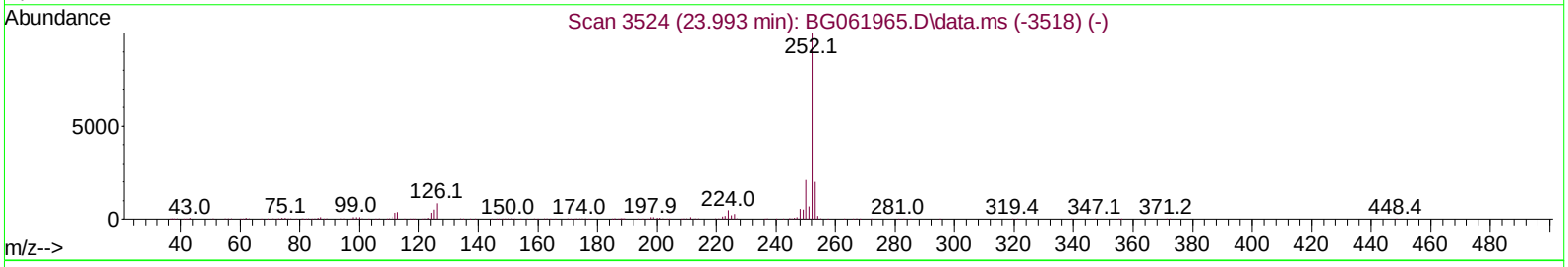

TIC: BG061969.D\data.ms

(91) Benzo(k)fluoranthene

23.928min (-0.076) 35.97 ng/ul

response 827610

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	21.54
125.00	7.90	6.45
0.00	0.00	0.00

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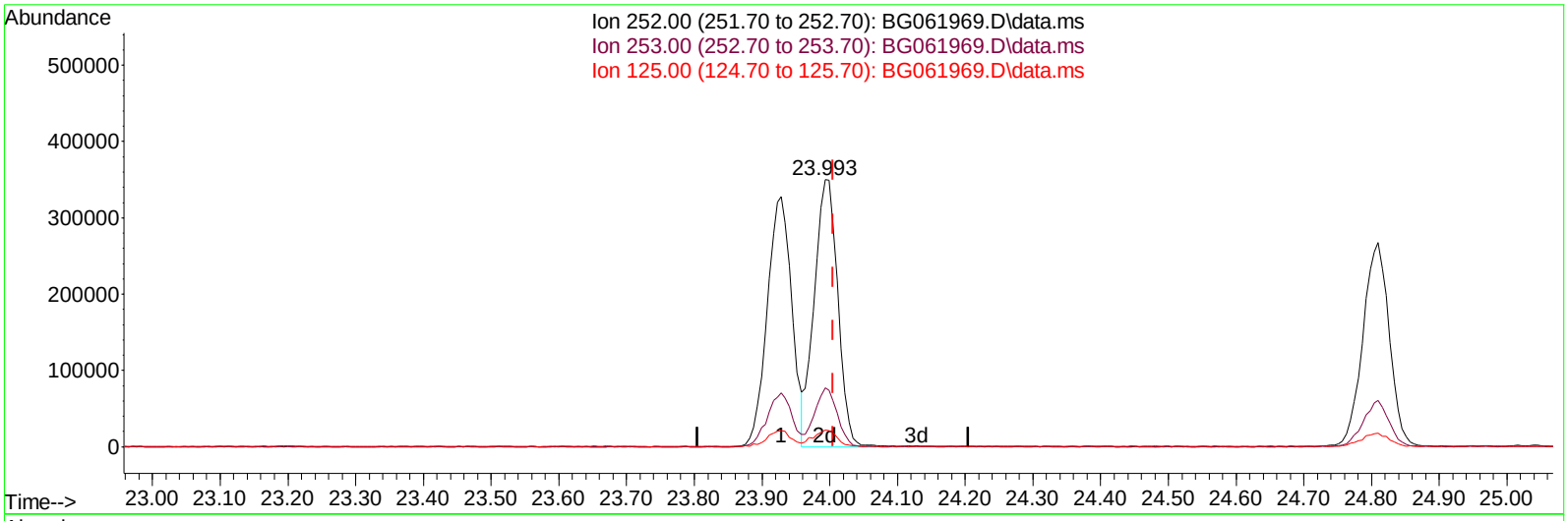

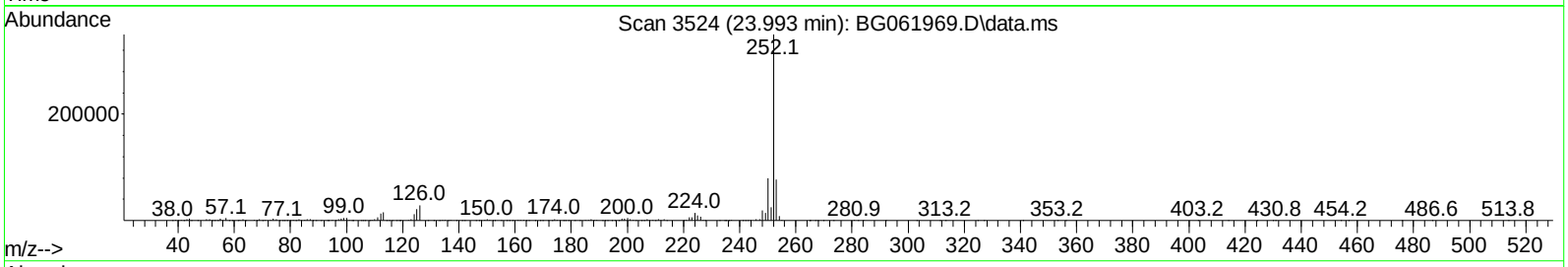

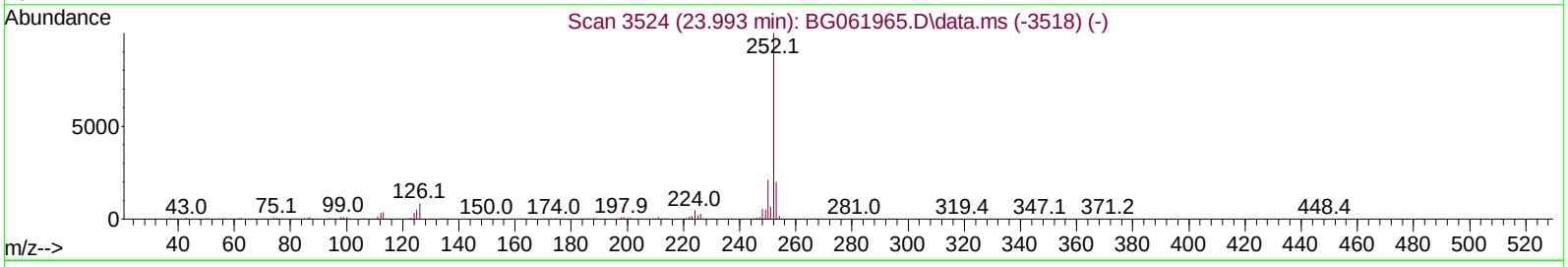

TIC: BG061969.D\data.ms

(91) Benzo(k)fluoranthene

23.993min (-0.012) 36.69 ng/ul m

response 844249

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	22.04
125.00	7.90	6.20#
0.00	0.00	0.00

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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	8.094	152	38083	20.000	ng/ul	0.00
20) Naphthalene-d8	10.903	136	203417	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.716	164	148711	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.454	188	348866	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.719	240	299669	20.000	ng/ul	0.00
88) Perylene-d12	24.957	264	366218	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.482	96	3554	3.507	ng/uL	0.00
4) Pyridine-d5	3.899	84	21102	6.772	ng/ul	0.00
7) Phenol-d5	7.242	99	34343	8.240	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.418	67	71813	27.210	ng/ul	0.00
11) 2-Chlorophenol-d4	7.624	132	78482	27.453	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	61619	18.778	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	47486	30.694	ng/ul	0.00
24) 2-Nitrophenol-d4	9.980	143	56057	31.730	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.521	165	109039	31.998	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.038	131	117155	23.680	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	430468	35.209	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	439578	34.385	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	19224	9.846	ng/ul	-0.01
60) Fluorene-d10	15.709	176	371766	36.121	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.820	200	81221	44.330	ng/ul	0.00
73) Anthracene-d10	17.559	188	583366	35.816	ng/ul	0.00
81) Pyrene-d10	19.833	212	642413	36.446	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.733	264	668437	36.803	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.517	88	5995	5.360	ng/uL#	69
5) Pyridine	3.928	79	23035	7.208	ng/ul	86
6) Benzaldehyde	7.230	77	40887	18.537	ng/ul	89
8) Phenol	7.271	94	35935	8.422	ng/ul#	79
10) Bis(2-Chloroethyl)ether	7.507	93	89375	27.266	ng/ul	97
12) 2-Chlorophenol	7.653	128	79680	27.358	ng/ul#	87
13) 2-Methylphenol	8.535	108	71647	23.526	ng/ul	87
14) 2,2'-oxybis(1-Chloropr...	8.617	45	187938	26.243	ng/ul#	96
16) Acetophenone	8.917	105	166950	30.801	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.893	70	85320	28.116	ng/ul	88
18) 4-Methylphenol	8.864	108	67830	19.888	ng/ul	100
19) Hexachloroethane	9.181	117	36095	28.568	ng/ul	88
22) Nitrobenzene	9.304	77	133771	30.462	ng/ul	91
23) Isophorone	9.821	82	276005	27.820	ng/ul	97
25) 2-Nitrophenol	10.015	139	58518	32.479	ng/ul#	93
26) 2,4-Dimethylphenol	10.068	107	105507	24.468	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.303	93	144037	26.363	ng/ul	96
29) 2,4-Dichlorophenol	10.550	162	101702	31.772	ng/ul	95
30) Naphthalene	10.961	128	335932	30.064	ng/ul	97
32) 4-Chloroaniline	11.067	127	107152	22.073	ng/ul	98
33) Hexachlorobutadiene	11.232	225	75981	31.543	ng/ul#	89
34) Caprolactam	11.831	113	6415m	5.115	ng/ul	
35) 4-Chloro-3-methylphenol	12.172	107	147772	34.662	ng/ul	92

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.554	142	266393	32.908	ng/ul	92
37) 1-Methylnaphthalene	12.771	142	267717	31.824	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.912	216	154328	34.557	ng/ul	94
40) Hexachlorocyclopentadiene	12.888	237	62838	21.137	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.153	196	106180	35.797	ng/ul	95
42) 2,4,5-Trichlorophenol	13.229	196	117533	36.071	ng/ul	87
43) 1,1'-Biphenyl	13.552	154	376894	32.893	ng/ul	98
44) 2-Chloronaphthalene	13.599	162	281511	32.736	ng/ul	97
45) 2-Nitroaniline	13.805	65	141143	40.986	ng/ul	99
47) Dimethylphthalate	14.169	163	411567	34.998	ng/ul	100
48) 2,6-Dinitrotoluene	14.293	165	90610	40.616	ng/ul	92
50) Acenaphthylene	14.445	152	465653	33.187	ng/ul	99
51) 3-Nitroaniline	14.622	138	78631	36.210	ng/ul	96
52) Acenaphthene	14.780	153	329765	34.037	ng/ul	97
53) 2,4-Dinitrophenol	14.827	184	50893	43.666	ng/ul	92
55) 4-Nitrophenol	14.921	109	25774	11.566	ng/ul	92
56) Dibenzofuran	15.115	168	481566	35.168	ng/ul	97
57) 2,4-Dinitrotoluene	15.074	165	139675	42.692	ng/ul	85
58) 2,3,4,6-Tetrachlorophenol	15.339	232	109720	37.291	ng/ul#	96
59) Diethylphthalate	15.521	149	448845	35.419	ng/ul	96
61) Fluorene	15.762	166	413262	35.488	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.750	204	207880	35.539	ng/ul#	88
63) 4-Nitroaniline	15.785	138	89759	40.735	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.838	198	83147	42.168	ng/ul#	90
67) N-Nitrosodiphenylamine	15.961	169	350276	36.766	ng/ul	97
68) 4-Bromophenyl-phenylether	16.643	248	153425	38.765	ng/ul	97
69) Hexachlorobenzene	16.760	284	179216	39.379	ng/ul	95
70) Atrazine	16.907	200	88343	23.489	ng/ul	90
71) Pentachlorophenol	17.101	266	90870	36.326	ng/ul	96
72) Phenanthrene	17.501	178	668479	36.340	ng/ul	99
74) Anthracene	17.595	178	665556	35.010	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.517	216	170043	39.245	ng/ul	97
76) Pentachlorobenzene	15.033	250	176586	35.732	ng/ul	94
77) Carbazole	17.859	167	587089	36.696	ng/ul	98
78) Di-n-butylphthalate	18.406	149	728166	35.451	ng/ul	99
80) Fluoranthene	19.504	202	768292	36.831	ng/ul#	94
82) Pyrene	19.863	202	794567	36.875	ng/ul#	96
83) Butylbenzylphthalate	20.738	149	314675	34.797	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.614	252	226767	31.808	ng/ul	95
85) Benzo(a)anthracene	21.702	228	796758	36.722	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.590	149	439667	33.882	ng/ul	97
87) Chrysene	21.766	228	745154	36.686	ng/ul	97
89) Di-n-octyl phthalate	22.812	149	791807	35.390	ng/ul	100
90) Benzo(b)fluoranthene	23.928	252	827610	35.869	ng/ul	99
91) Benzo(k)fluoranthene	23.993	252	844249m	36.693	ng/ul	
93) Benzo(a)pyrene	24.810	252	721197	33.009	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.652	276	1044765	37.419	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.729	278	845554	36.668	ng/ul	99
96) Benzo(g,h,i)perylene	29.810	276	773212	34.810	ng/ul	95

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

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