Quantitation Report (Qedit)

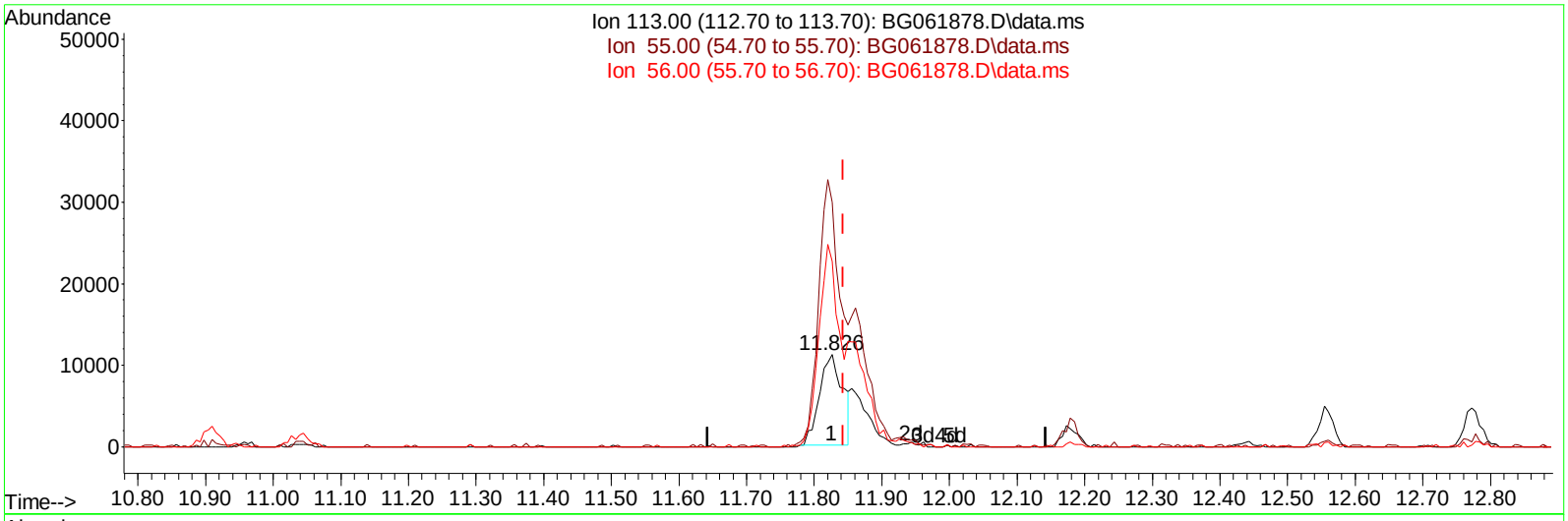
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
Data File : BG061878.D
Acq On : 4 Jul 2024 00:24
Operator : MA/JU
Sample : PB161628BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

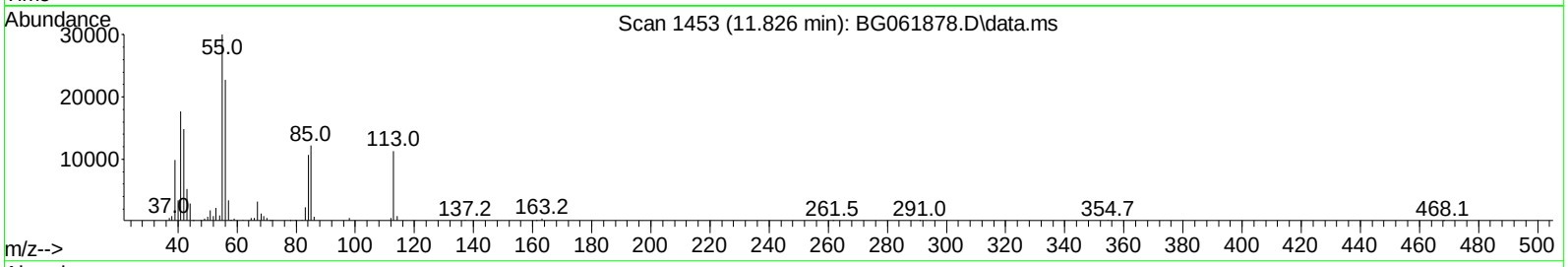
Quant Time: Jul 04 01:06:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

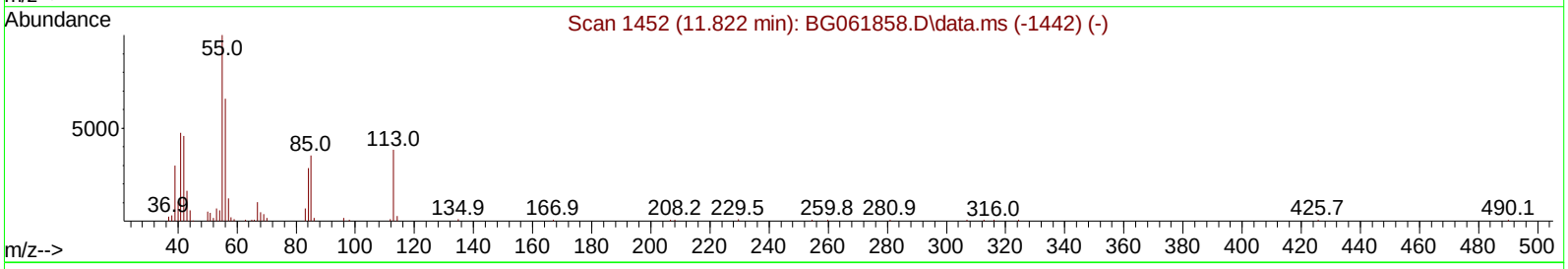
Instrument :
BNA_G
ClientSampleId :
SLCS628

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024







TIC: BG061878.D\data.ms

(34) Caprolactam

11.826min (-0.016) 21.76 ng/ul

response 26270

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	265.35
56.00	168.80	201.15
0.00	0.00	0.00

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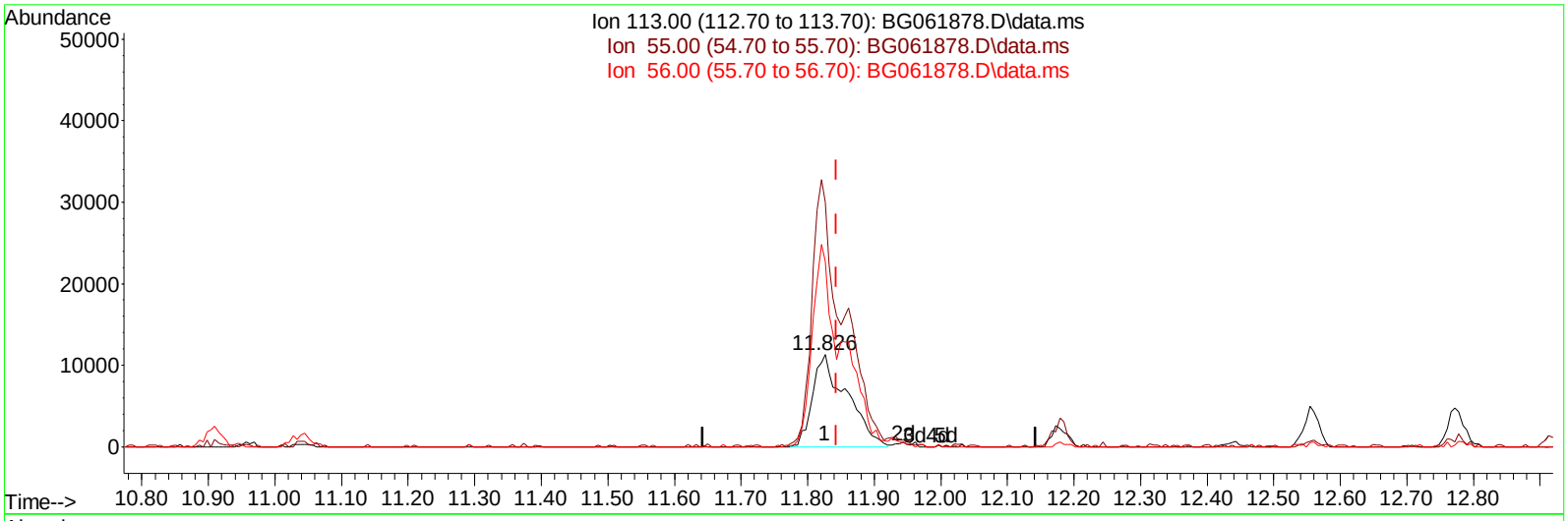

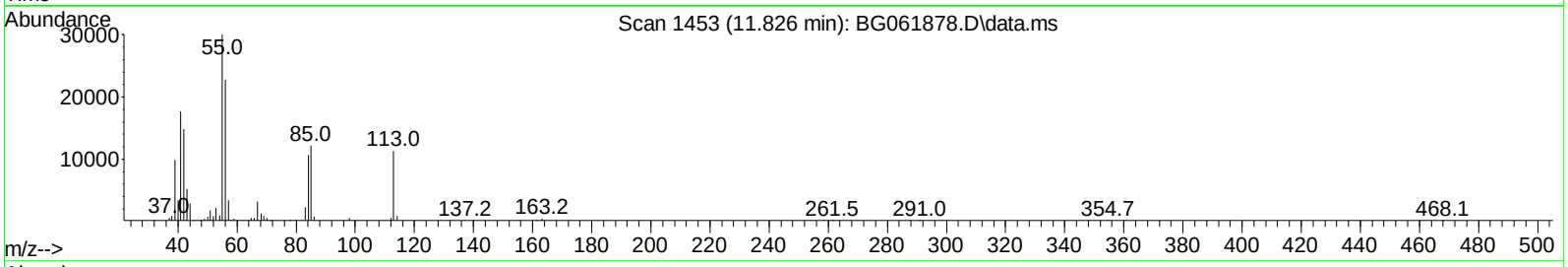

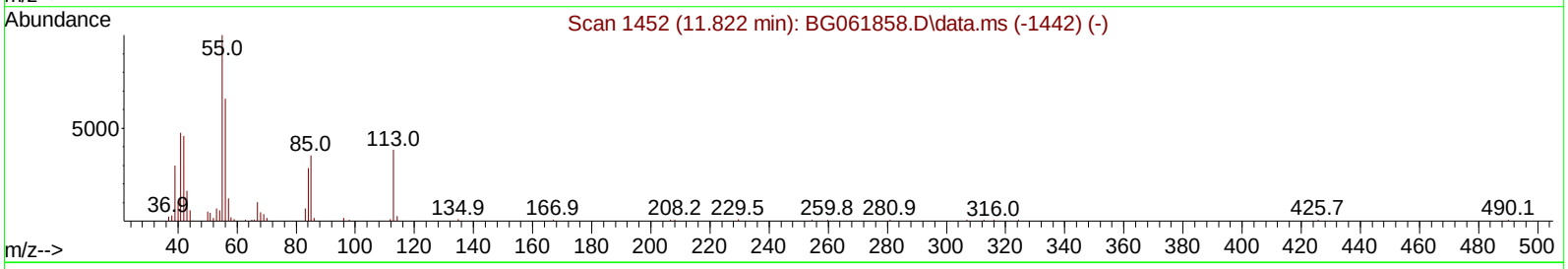

TIC: BG061878.D\data.ms

(34) Caprolactam

11.826min (-0.016) 33.37 ng/ul m

response 40282

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	265.35
56.00	168.80	201.15
0.00	0.00	0.00

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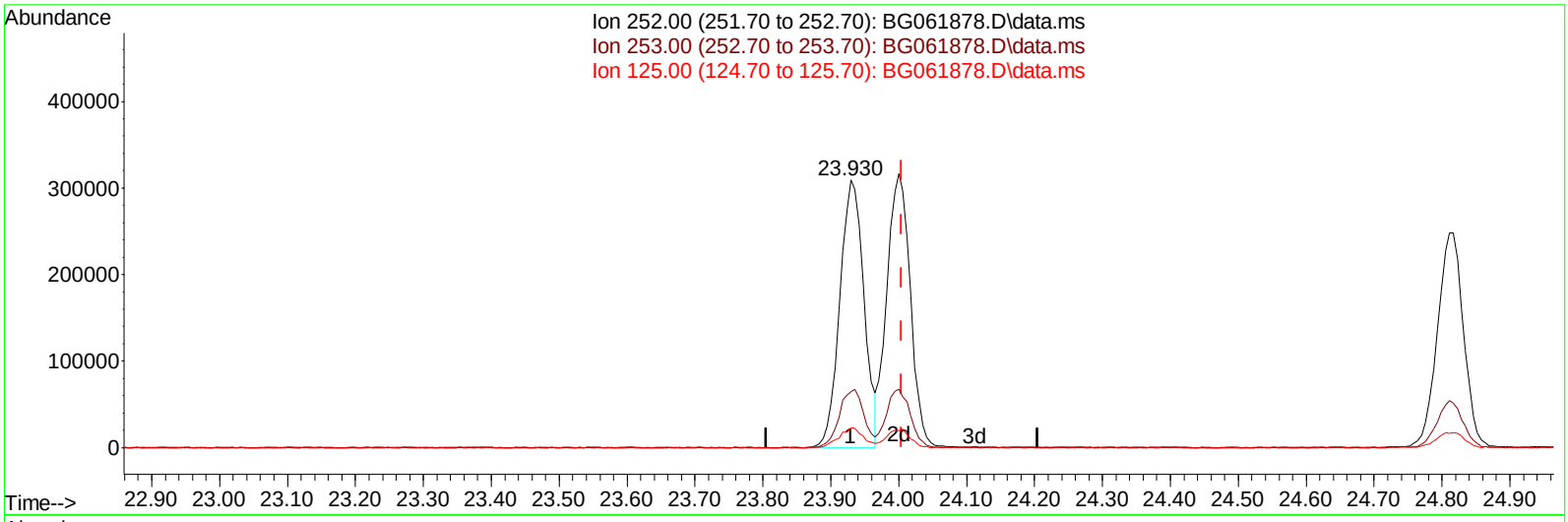

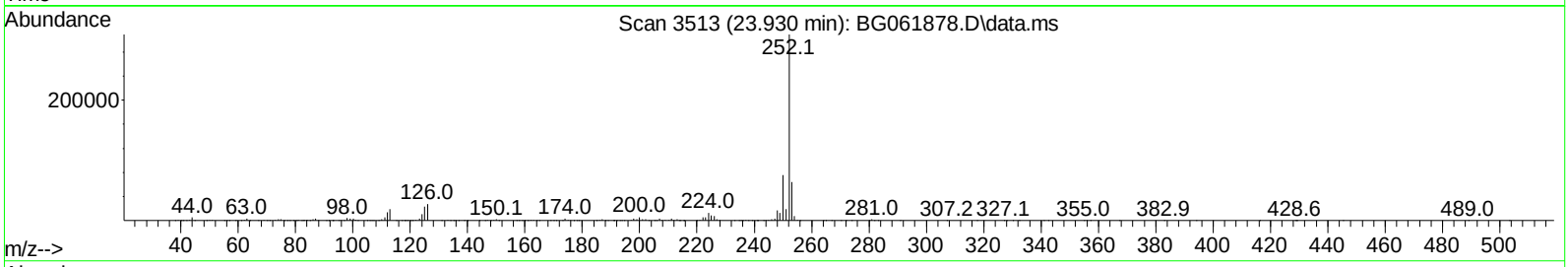

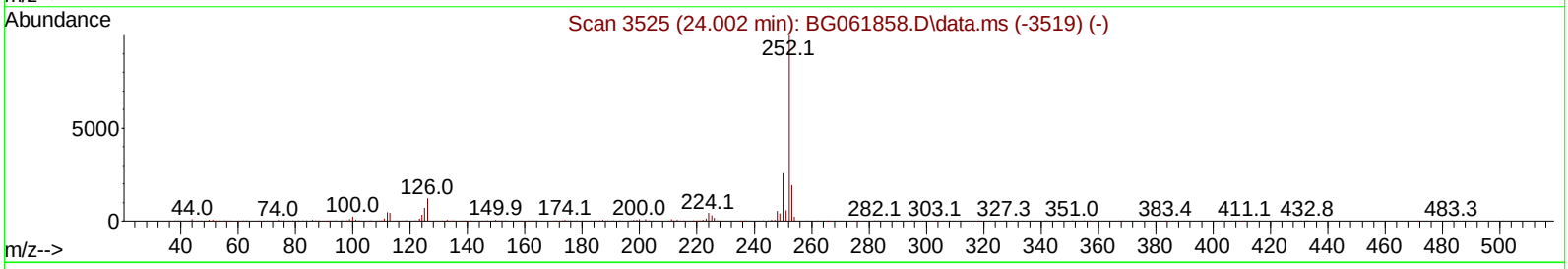

TIC: BG061878.D\data.ms

(91) Benzo(k)fluoranthene

23.930min (-0.075) 32.06 ng/ul

response 764078

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	20.85
125.00	7.90	7.54
0.00	0.00	0.00

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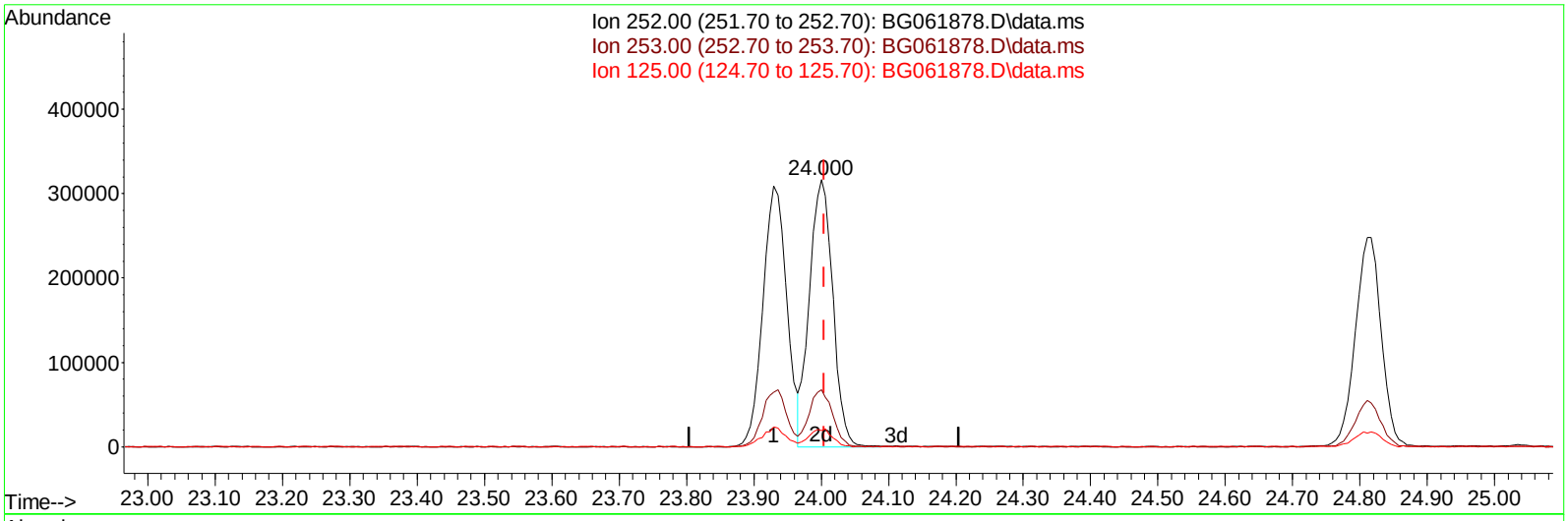

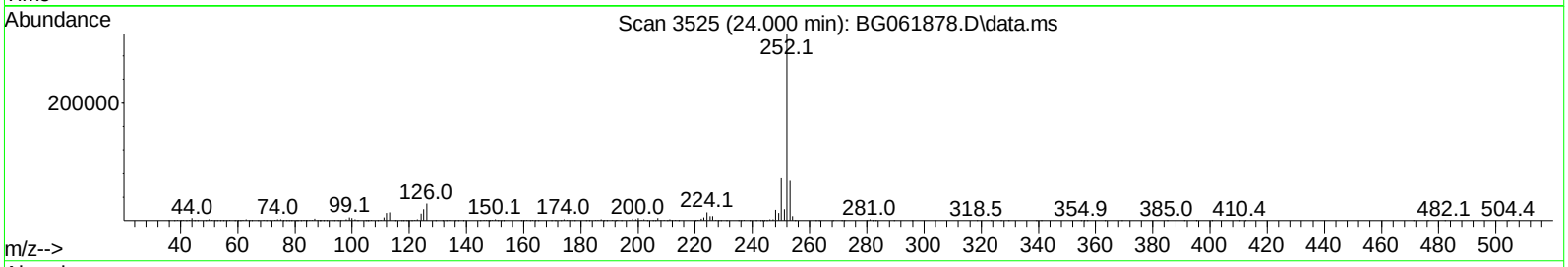

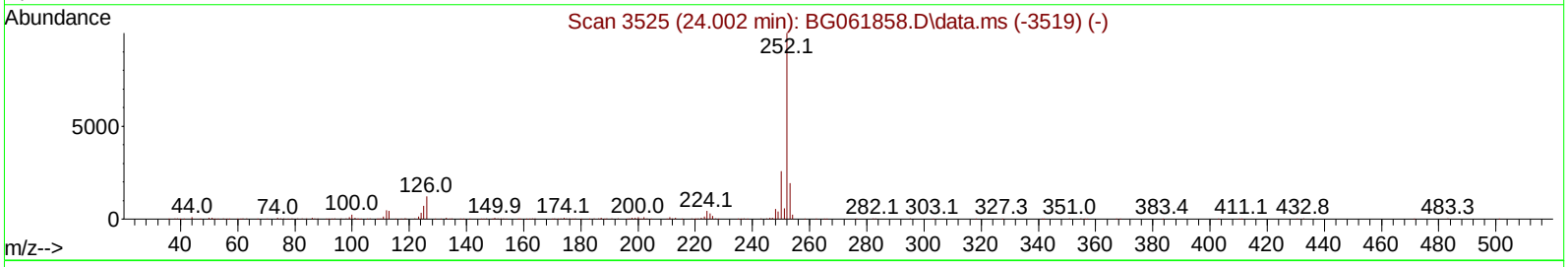

TIC: BG061878.D\data.ms

(91) Benzo(k)fluoranthene

24.000min (-0.005) 31.95 ng/ul m

response 761462

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	21.29
125.00	7.90	6.12#
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	8.095	152	36615	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	195789	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.717	164	147070	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.461	188	350731	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.721	240	315824	20.000	ng/ul	0.00
88) Perylene-d12	24.964	264	379363	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.483	96	7104	7.291	ng/uL	0.00
4) Pyridine-d5	3.900	84	84645	28.253	ng/ul	0.00
7) Phenol-d5	7.249	99	131305	32.769	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.420	67	78545	30.954	ng/ul	0.00
11) 2-Chlorophenol-d4	7.625	132	90175	32.808	ng/ul	0.00
15) 4-Methylphenol-d8	8.800	113	104451	33.107	ng/ul	0.00
21) Nitrobenzene-d5	9.265	128	48564	32.614	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	60366	35.500	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	110388	33.656	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.039	131	143582	30.153	ng/ul	0.00
46) Dimethylphthalate-d6	14.124	166	377732	31.240	ng/ul	0.00
49) Acenaphthylene-d8	14.417	160	411708	32.564	ng/ul	0.00
54) 4-Nitrophenol-d4	14.911	143	68163	35.301	ng/ul	0.00
60) Fluorene-d10	15.704	176	333732	32.787	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	66195	35.937	ng/ul	0.00
73) Anthracene-d10	17.555	188	536510	32.764	ng/ul	0.00
81) Pyrene-d10	19.834	212	602629	32.440	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.741	264	622195	33.070	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.518	88	12467	11.592	ng/uL	95
5) Pyridine	3.924	79	85554	27.845	ng/ul	96
6) Benzaldehyde	7.232	77	74336	35.052	ng/ul	94
8) Phenol	7.279	94	135205	32.957	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.508	93	95593	30.332	ng/ul	97
12) 2-Chlorophenol	7.661	128	92046	32.871	ng/ul	96
13) 2-Methylphenol	8.536	108	94015	32.108	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.612	45	203315	29.529	ng/ul#	96
16) Acetophenone	8.924	105	165958	31.845	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.900	70	93061	31.897	ng/ul	97
18) 4-Methylphenol	8.859	108	107383	32.748	ng/ul	96
19) Hexachloroethane	9.182	117	38045	31.319	ng/ul#	85
22) Nitrobenzene	9.306	77	134972	31.933	ng/ul	97
23) Isophorone	9.823	82	274554	28.752	ng/ul#	98
25) 2-Nitrophenol	10.017	139	57079	32.915	ng/ul	96
26) 2,4-Dimethylphenol	10.069	107	98349	23.697	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.310	93	149530	28.435	ng/ul	97
29) 2,4-Dichlorophenol	10.551	162	100835	32.728	ng/ul	94
30) Naphthalene	10.957	128	337959	31.424	ng/ul	98
32) 4-Chloroaniline	11.068	127	128824	27.571	ng/ul	96
33) Hexachlorobutadiene	11.233	225	75017	32.356	ng/ul#	78
34) Caprolactam	11.826	113	40282m	33.371	ng/ul	
35) 4-Chloro-3-methylphenol	12.179	107	145103	35.362	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.555	142	254376	32.648	ng/ul	100
37) 1-Methylnaphthalene	12.772	142	257806	31.840	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	12.913	216	141642	32.071	ng/ul	97
40) Hexachlorocyclopentadiene	12.890	237	63973	21.759	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.154	196	90884	30.982	ng/ul	96
42) 2,4,5-Trichlorophenol	13.230	196	100829	31.290	ng/ul	85
43) 1,1'-Biphenyl	13.554	154	348532	30.757	ng/ul	99
44) 2-Chloronaphthalene	13.601	162	268739	31.600	ng/ul	98
45) 2-Nitroaniline	13.800	65	119706	35.149	ng/ul	97
47) Dimethylphthalate	14.165	163	350910	30.173	ng/ul	99
48) 2,6-Dinitrotoluene	14.288	165	75606	34.269	ng/ul	93
50) Acenaphthylene	14.447	152	434987	31.348	ng/ul	96
51) 3-Nitroaniline	14.623	138	76395	35.573	ng/ul	96
52) Acenaphthene	14.782	153	299221	31.229	ng/ul	97
53) 2,4-Dinitrophenol	14.829	184	39455	34.230	ng/ul	90
55) 4-Nitrophenol	14.928	109	80330	36.451	ng/ul	97
56) Dibenzofuran	15.117	168	431748	31.882	ng/ul	100
57) 2,4-Dinitrotoluene	15.075	165	118266	36.552	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.334	232	87946	30.224	ng/ul#	92
59) Diethylphthalate	15.528	149	389231	31.058	ng/ul	96
61) Fluorene	15.763	166	359850	31.246	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.751	204	180076	31.129	ng/ul	92
63) 4-Nitroaniline	15.780	138	82733	37.966	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.833	198	72942	36.796	ng/ul#	90
67) N-Nitrosodiphenylamine	15.968	169	310940	32.463	ng/ul	99
68) 4-Bromophenyl-phenylether	16.644	248	131510	33.051	ng/ul	97
69) Hexachlorobenzene	16.756	284	150959	32.994	ng/ul	98
70) Atrazine	16.909	200	65788	17.399	ng/ul#	95
71) Pentachlorophenol	17.102	266	74256	29.526	ng/ul	93
72) Phenanthrene	17.502	178	601923	32.548	ng/ul	99
74) Anthracene	17.596	178	594040	31.082	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.518	216	143461	32.934	ng/ul	98
76) Pentachlorobenzene	15.034	250	165301	33.271	ng/ul	95
77) Carbazole	17.860	167	540284	33.591	ng/ul	98
78) Di-n-butylphthalate	18.407	149	674194	32.648	ng/ul	99
80) Fluoranthene	19.505	202	691612	31.459	ng/ul	96
82) Pyrene	19.864	202	729569	32.127	ng/ul	97
83) Butylbenzylphthalate	20.745	149	297039	31.167	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.615	252	256862	34.187	ng/ul	95
85) Benzo(a)anthracene	21.703	228	729026	31.882	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.603	149	422327	30.881	ng/ul	97
87) Chrysene	21.768	228	695375	32.484	ng/ul	99
89) Di-n-octyl phthalate	22.825	149	745816	32.180	ng/ul	100
90) Benzo(b)fluoranthene	23.930	252	764078	31.968	ng/ul	99
91) Benzo(k)fluoranthene	24.000	252	761462m	31.948	ng/ul	
93) Benzo(a)pyrene	24.811	252	659384	29.134	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.665	276	946929	32.740	ng/ul	97
95) Dibenzo(a,h)anthracene	28.724	278	783778	32.811	ng/ul	99
96) Benzo(g,h,i)perylene	29.817	276	741021	32.205	ng/ul	98

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

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