Quantitation Report (Qedit)

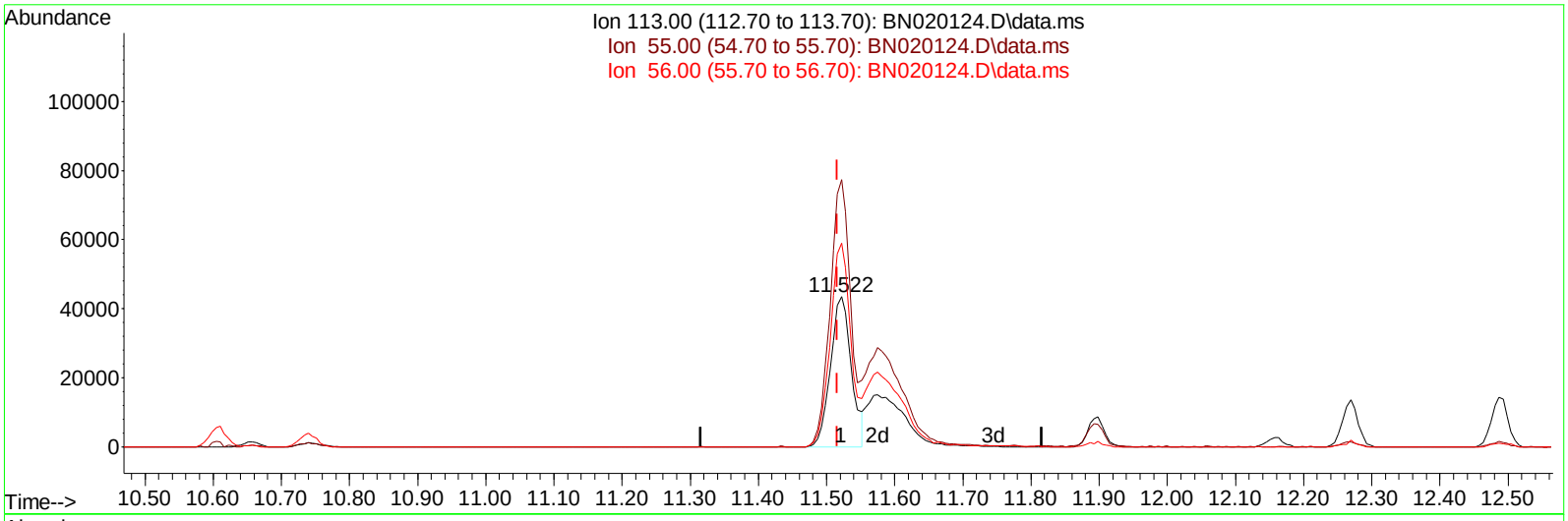
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061122\
Data File : BN020124.D
Acq On : 11 Jun 2022 05:57
Operator : CG/JU
Sample : PB145446BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

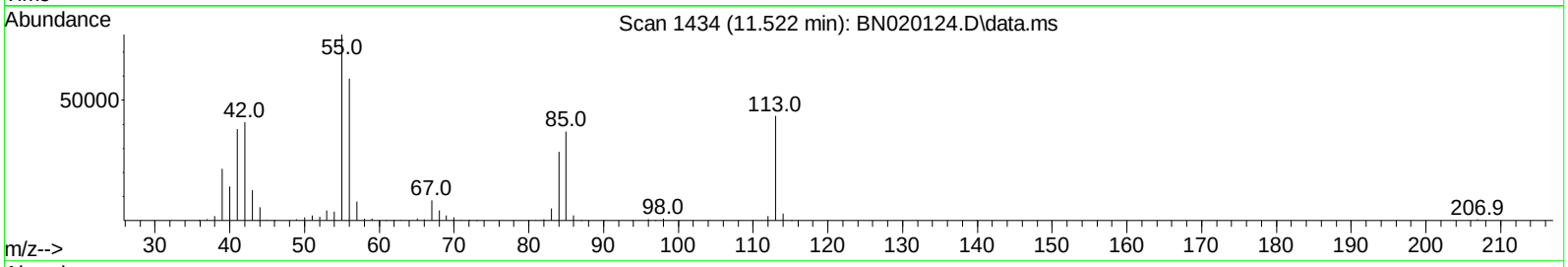
Quant Time: Jun 11 06:30:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 06 15:14:59 2022
Response via : Initial Calibration

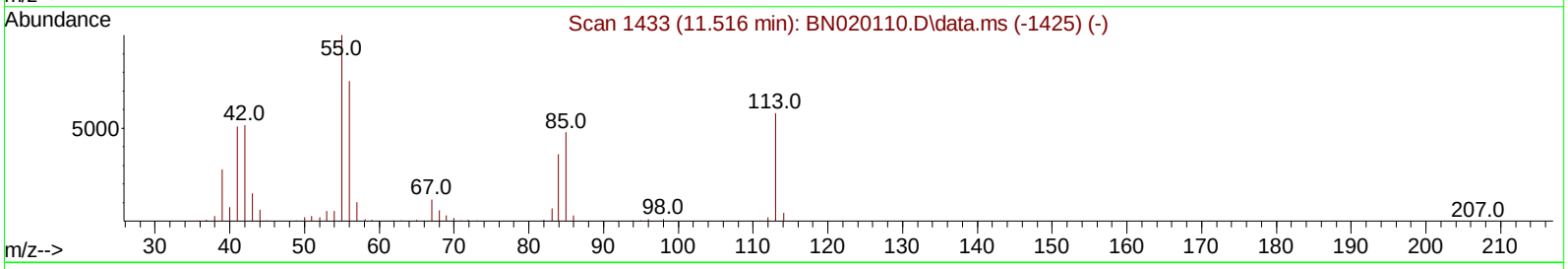
Instrument :
BNA_N
ClientSampleId :
SLCS446

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/13/2022
Supervised By :mohammad ahmed 06/14/2022







TIC: BN020124.D\data.ms

(34) Caprolactam

11.522min (+ 0.006) 20.96 ng/ul

response 91810

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	177.76
56.00	133.10	135.59
0.00	0.00	0.00

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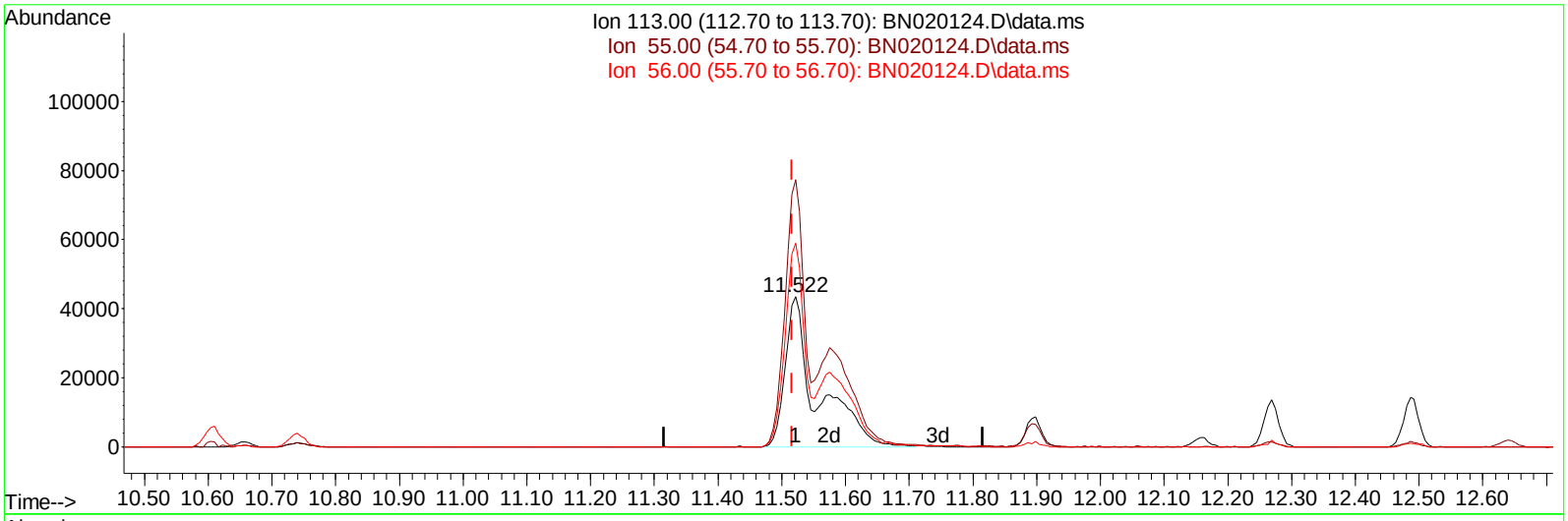

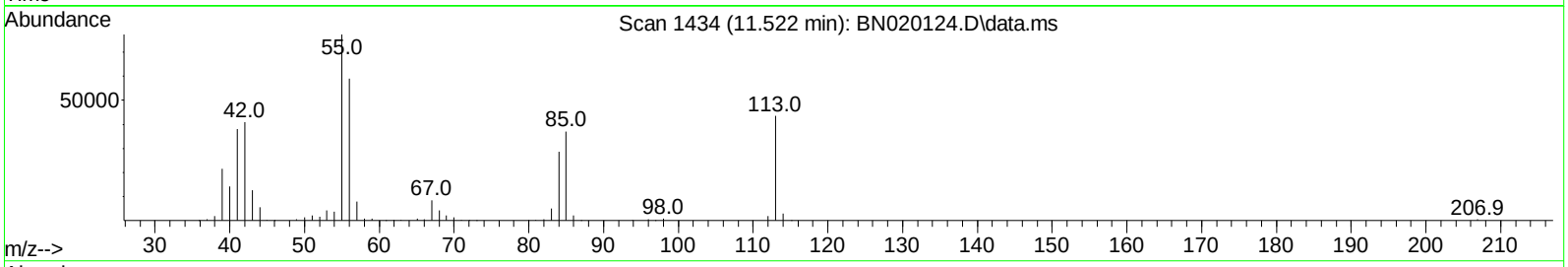

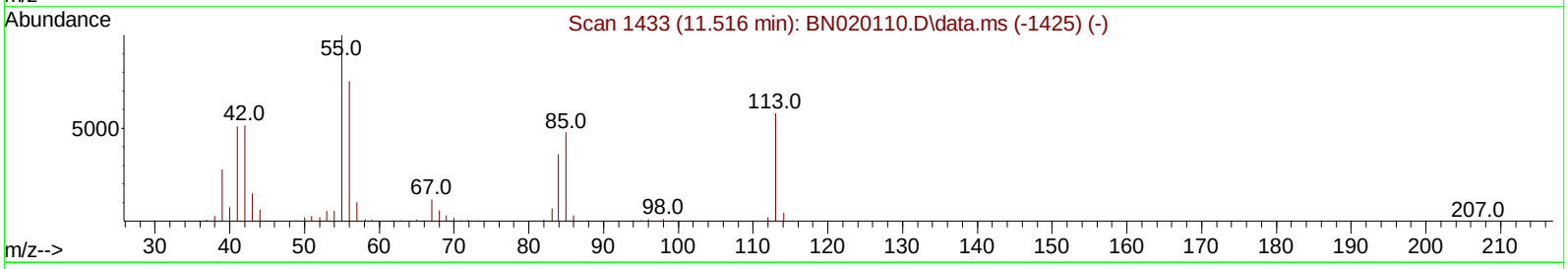

TIC: BN020124.D\data.ms

(34) Caprolactam

11.522min (+ 0.006) 34.24 ng/ul m

response 149962

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	177.76
56.00	133.10	135.59
0.00	0.00	0.00

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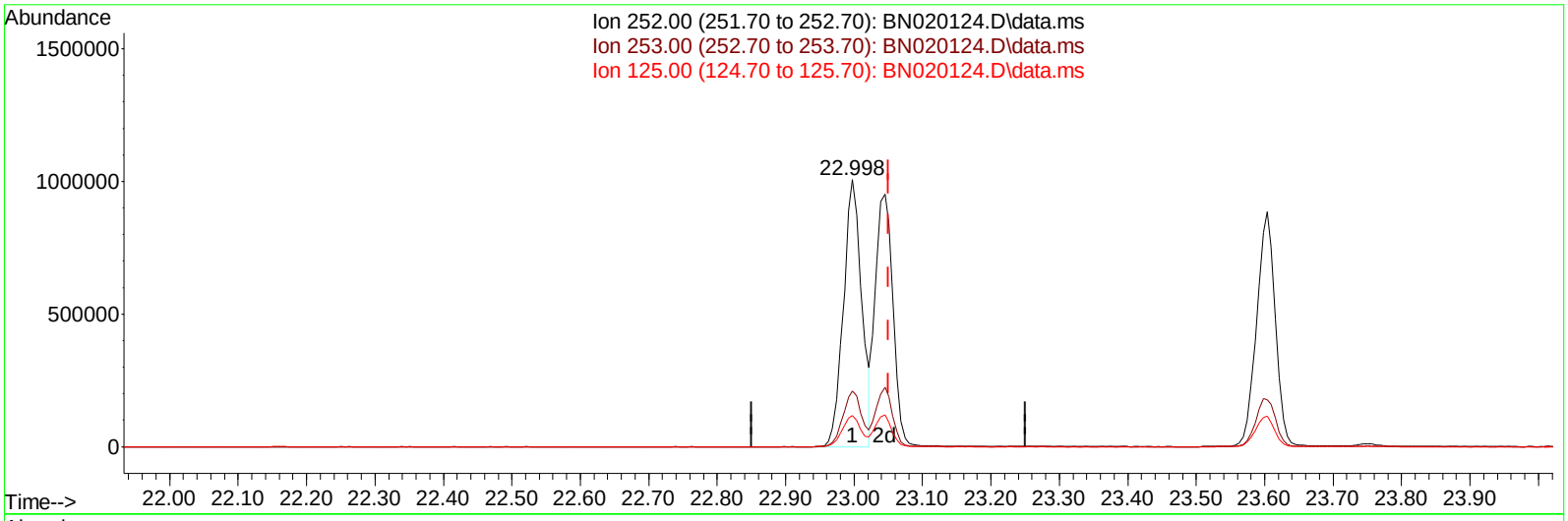

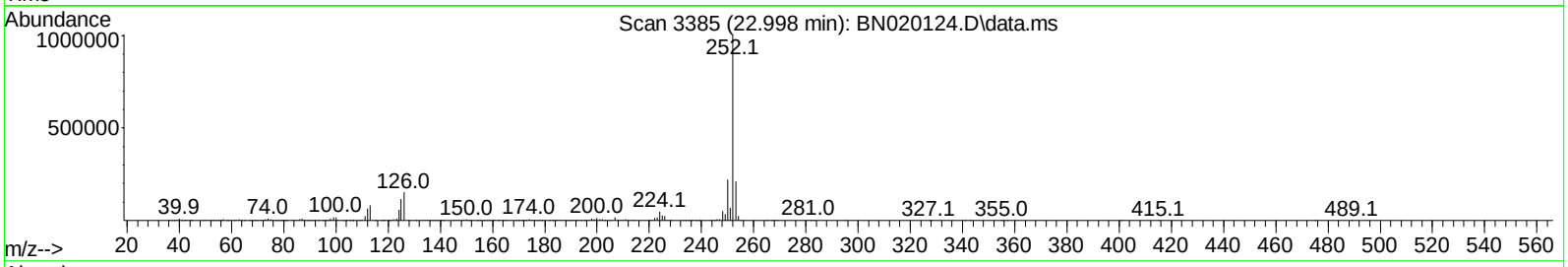

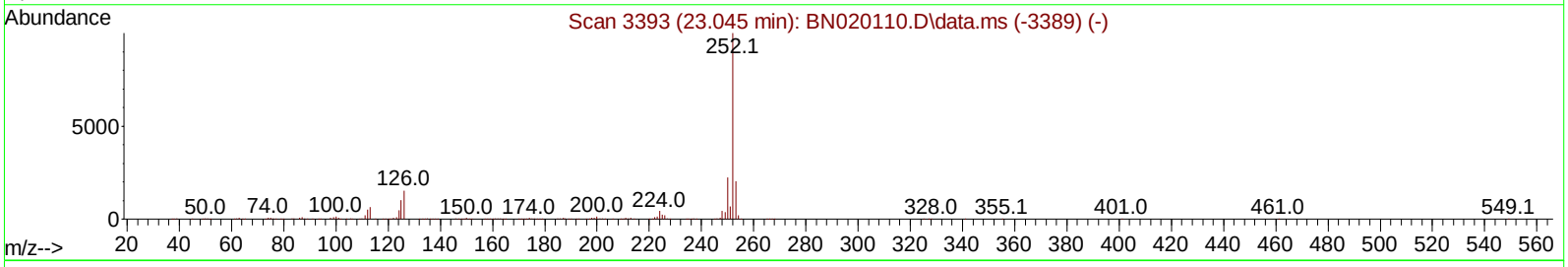

TIC: BN020124.D\data.ms

(91) Benzo(k)fluoranthene

22.998min (-0.053) 37.74 ng/ul

response 1871995

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	20.90
125.00	10.30	11.63
0.00	0.00	0.00

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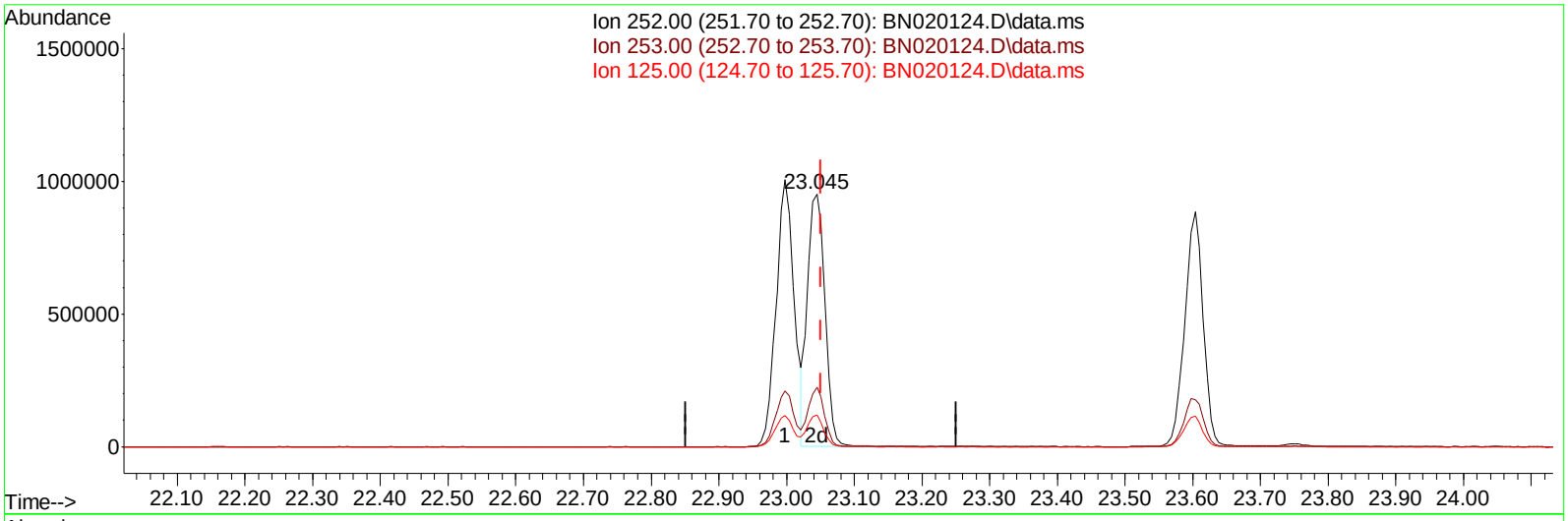

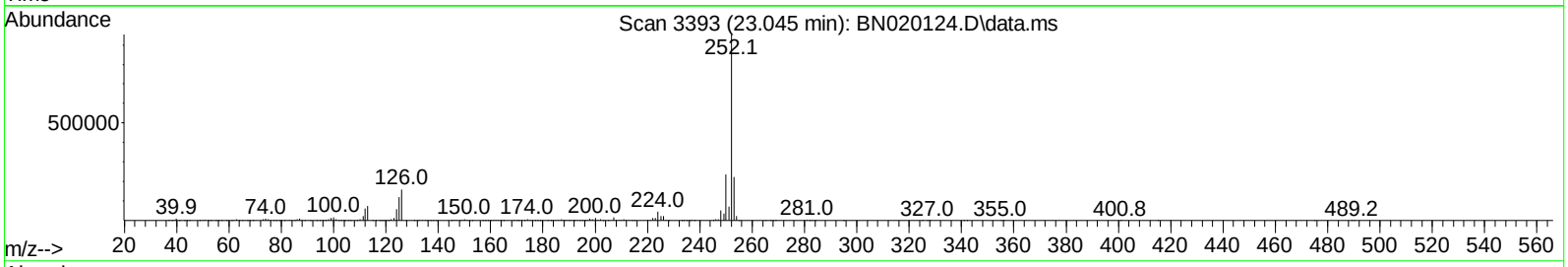

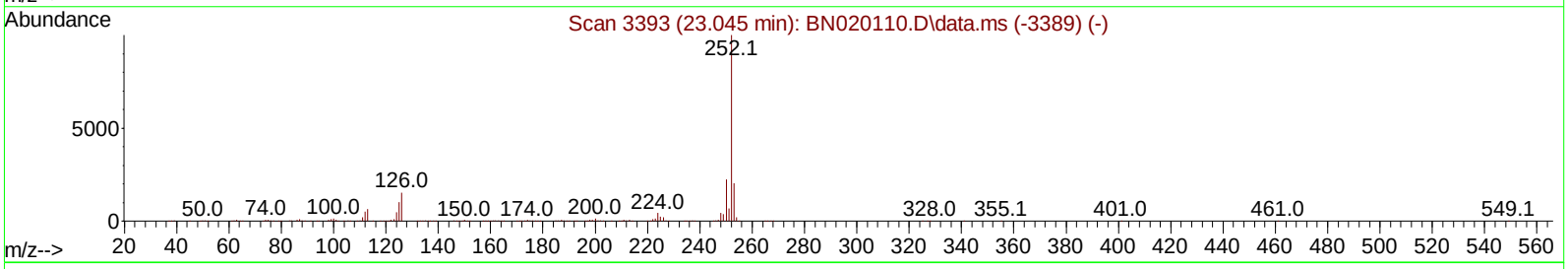

TIC: BN020124.D\data.ms

(91) Benzo(k)fluoranthene

23.045min (-0.006) 34.29 ng/ul m

response 1700651

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	23.47
125.00	10.30	12.64#
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	7.816	152	165575	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	769263	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	495612	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1034878	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	897763	20.000	ng/ul	0.00
88) Perylene-d12	23.704	264	830227	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	22971	6.009	ng/uL	0.00
4) Pyridine-d5	3.681	84	326396	31.238	ng/ul	0.00
7) Phenol-d5	6.987	99	459040	33.504	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	277233	32.387	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	378101	33.964	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	399610	33.712	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	200412	34.244	ng/ul	0.00
24) 2-Nitrophenol-d4	9.693	143	218594	35.195	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	371868	34.297	ng/ul	0.00
31) 4-Chloroaniline-d4	10.740	131	554798	31.597	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	1213636	33.655	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	1396837	33.401	ng/ul	0.00
54) 4-Nitrophenol-d4	14.645	143	240272	33.250	ng/ul	0.00
60) Fluorene-d10	15.439	176	982040	32.909	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	202907	33.848	ng/ul	0.00
73) Anthracene-d10	17.286	188	1510274	33.439	ng/ul	0.00
81) Pyrene-d10	19.580	212	1670352	34.320	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.551	264	1410701	34.728	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	46377	11.492	ng/uL#	90
5) Pyridine	3.705	79	337519	30.813	ng/ul	95
6) Benzaldehyde	6.957	77	266318	41.253	ng/ul	92
8) Phenol	7.016	94	482296	33.058	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.240	93	363017	31.791	ng/ul	97
12) 2-Chlorophenol	7.381	128	381152	32.756	ng/ul	97
13) 2-Methylphenol	8.257	108	369776	32.969	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.346	45	562922	31.438	ng/ul	97
16) Acetophenone	8.634	105	584920	32.448	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.628	70	297557	32.313	ng/ul	94
18) 4-Methylphenol	8.593	108	410755	33.182	ng/ul	99
19) Hexachloroethane	8.899	117	147744	31.555	ng/ul	89
22) Nitrobenzene	9.010	77	441274	32.520	ng/ul	95
23) Isophorone	9.540	82	858471	32.042	ng/ul	99
25) 2-Nitrophenol	9.722	139	233707	34.053	ng/ul	98
26) 2,4-Dimethylphenol	9.787	107	430585	30.283	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.022	93	518001	31.594	ng/ul	98
29) 2,4-Dichlorophenol	10.257	162	375894	33.515	ng/ul	97
30) Naphthalene	10.657	128	1245349	31.237	ng/ul	100
32) 4-Chloroaniline	10.763	127	544672	31.013	ng/ul	98
33) Hexachlorobutadiene	10.951	225	202008	31.371	ng/ul	98
34) Caprolactam	11.522	113	149962m	34.239	ng/ul	
35) 4-Chloro-3-methylphenol	11.893	107	455203	34.372	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.269	142	873289	32.400	ng/ul	99
37) 1-Methylnaphthalene	12.487	142	887551	32.268	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.645	216	406904	32.191	ng/ul	99
40) Hexachlorocyclopentadiene	12.628	237	219622	28.562	ng/ul	98
41) 2,4,6-Trichlorophenol	12.881	196	292118	33.516	ng/ul	98
42) 2,4,5-Trichlorophenol	12.951	196	326835	33.859	ng/ul	95
43) 1,1'-Biphenyl	13.281	154	1161376	31.646	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	895728	32.173	ng/ul	98
45) 2-Nitroaniline	13.522	65	312138	36.038	ng/ul	95
47) Dimethylphthalate	13.904	163	1170916	32.254	ng/ul	98
48) 2,6-Dinitrotoluene	14.022	165	252873	35.627	ng/ul	95
50) Acenaphthylene	14.169	152	1465284	31.646	ng/ul	100
51) 3-Nitroaniline	14.345	138	265651	35.402	ng/ul	98
52) Acenaphthene	14.510	153	963220	31.848	ng/ul	97
53) 2,4-Dinitrophenol	14.551	184	128222	28.216	ng/ul	94
55) 4-Nitrophenol	14.657	109	201256	32.628	ng/ul	98
56) Dibenzofuran	14.845	168	1349158	31.664	ng/ul	98
57) 2,4-Dinitrotoluene	14.810	165	371291	35.329	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.069	232	254048	33.527	ng/ul	93
59) Diethylphthalate	15.269	149	1233365	32.999	ng/ul	98
61) Fluorene	15.492	166	1055232	31.827	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	481349	31.525	ng/ul	90
63) 4-Nitroaniline	15.510	138	268401	38.279	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.575	198	197369	32.474	ng/ul	96
67) N-Nitrosodiphenylamine	15.698	169	962987	32.459	ng/ul	96
68) 4-Bromophenyl-phenylether	16.381	248	291252	32.317	ng/ul#	88
69) Hexachlorobenzene	16.504	284	331603	32.009	ng/ul#	92
70) Atrazine	16.651	200	351847	33.990	ng/ul	94
71) Pentachlorophenol	16.839	266	199521	30.922	ng/ul	99
72) Phenanthrene	17.228	178	1752313	32.085	ng/ul	98
74) Anthracene	17.322	178	1750120	31.869	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	434591	31.360	ng/uL	99
76) Pentachlorobenzene	14.769	250	403620	32.954	ng/uL	91
77) Carbazole	17.586	167	1684593	33.719	ng/ul	97
78) Di-n-butylphthalate	18.157	149	2139410	34.535	ng/ul	99
80) Fluoranthene	19.245	202	2025615	34.460	ng/ul	97
82) Pyrene	19.610	202	2034955	33.744	ng/ul	96
83) Butylbenzylphthalate	20.510	149	993616	36.611	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.292	252	572642	33.396	ng/ul#	96
85) Benzo(a)anthracene	21.357	228	1833231	32.338	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.298	149	1372853	35.851	ng/ul	100
87) Chrysene	21.410	228	1848801	33.334	ng/ul	98
89) Di-n-octyl phthalate	22.198	149	2488812	36.832	ng/ul	100
90) Benzo(b)fluoranthene	22.998	252	1871995	35.926	ng/ul	98
91) Benzo(k)fluoranthene	23.045	252	1700651m	34.286	ng/ul	
93) Benzo(a)pyrene	23.604	252	1678935	33.287	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.092	276	1644100	31.682	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.109	278	1406323	31.728	ng/ul	98
96) Benzo(g,h,i)perylene	26.827	276	1401210	31.974	ng/ul	94

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

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