Quantitation Report (Qedit)

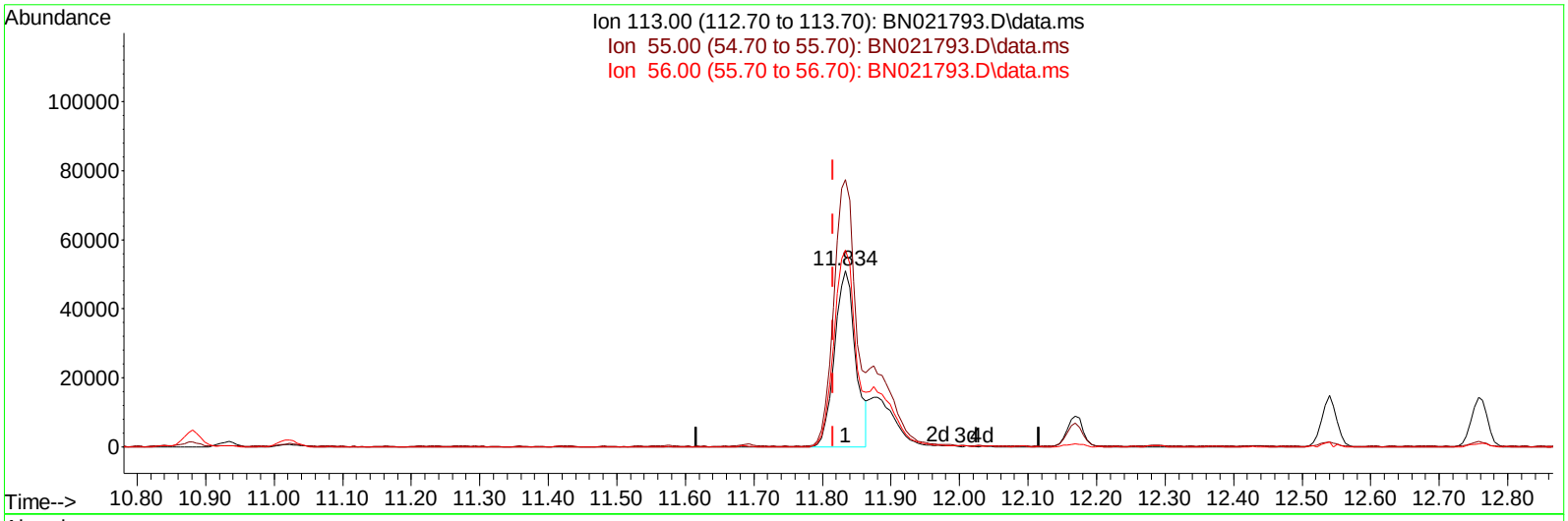
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021793.D
Acq On : 16 Sep 2022 17:46
Operator : CG/JU
Sample : N4601-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

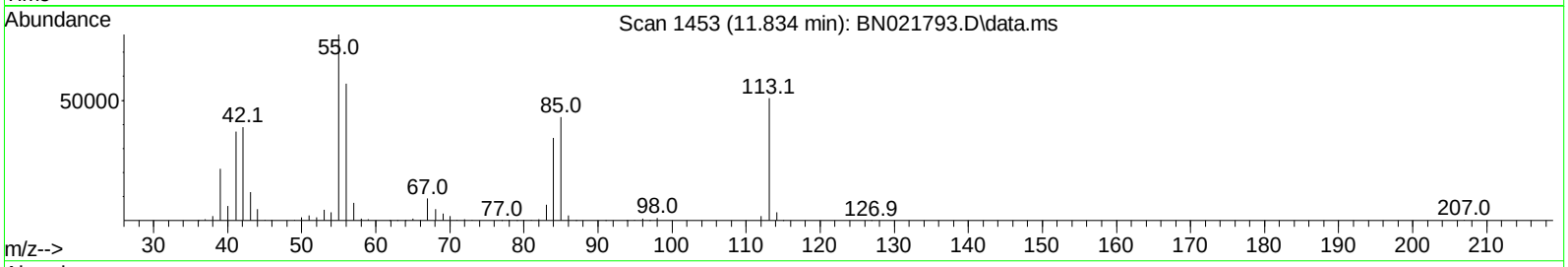
Quant Time: Sep 17 00:23:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 17 00:17:38 2022
Response via : Initial Calibration

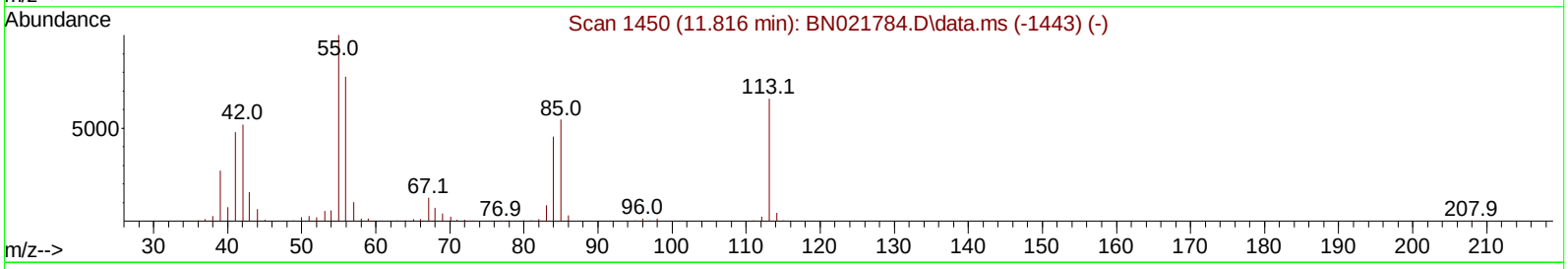
Instrument :
BNA_N
ClientSampleId :
A5741MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/19/2022
Supervised By :mohammad ahmed 09/19/2022







TIC: BN021793.D\data.ms

(34) Caprolactam

11.834min (+ 0.018) 26.69 ng/ul

response 109037

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	151.69
56.00	133.10	111.92
0.00	0.00	0.00

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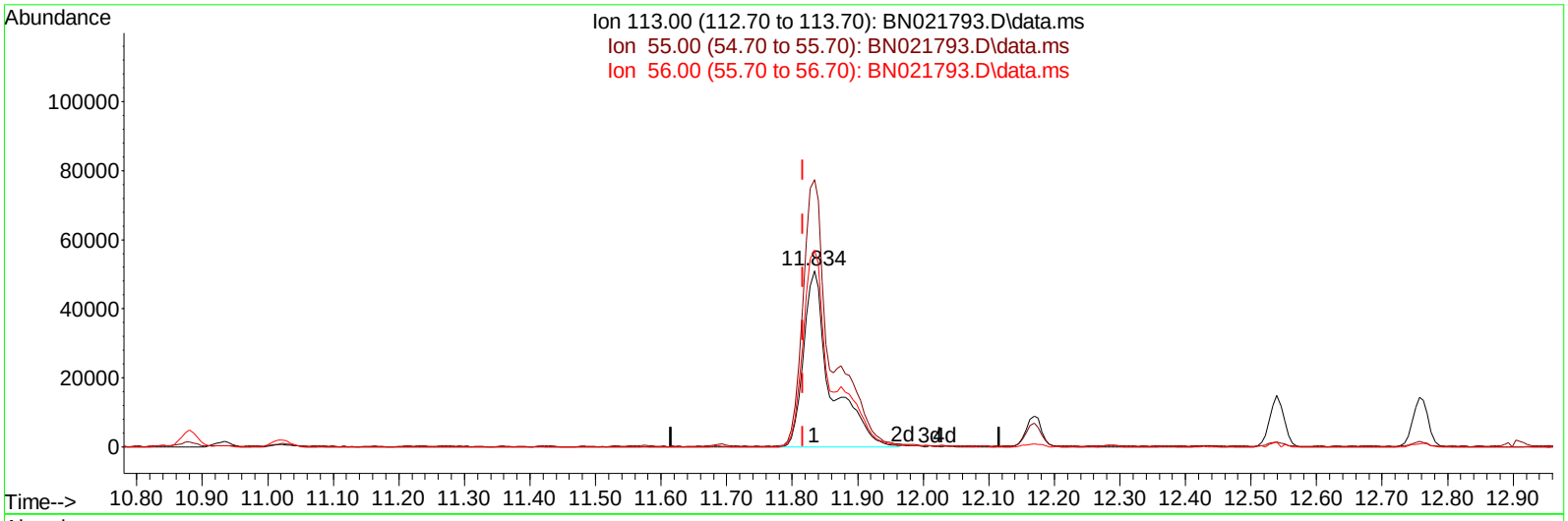

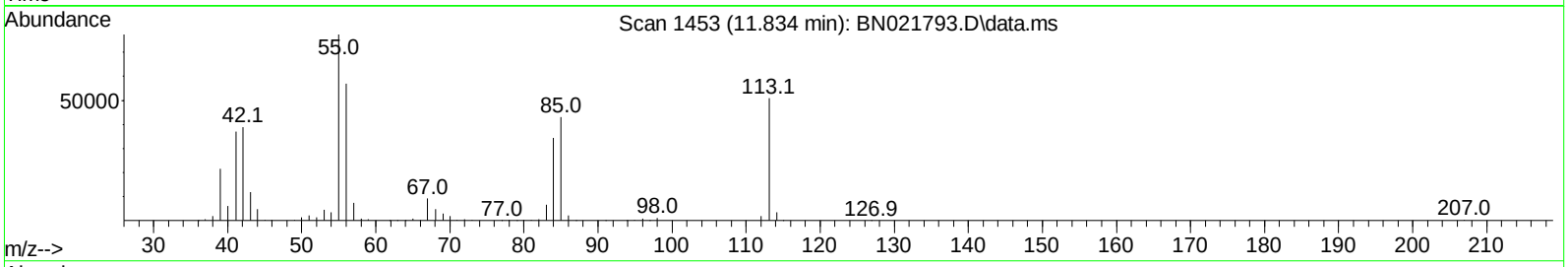

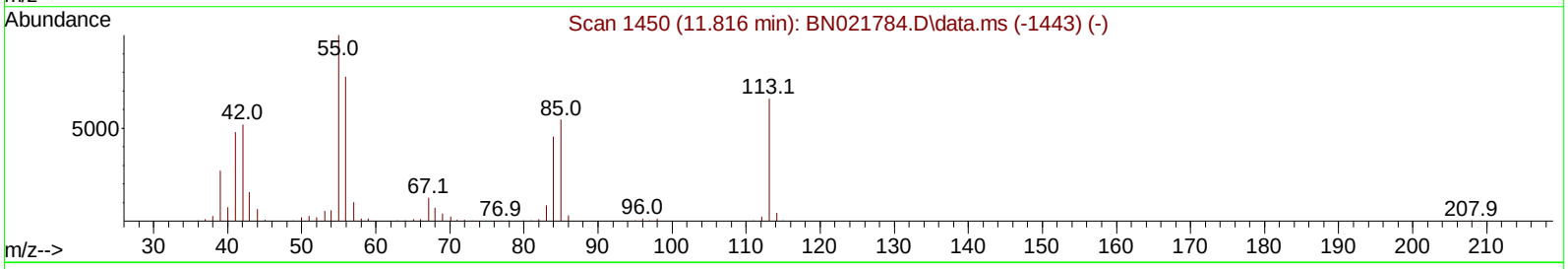

TIC: BN021793.D\data.ms

(34) Caprolactam

11.834min (+ 0.018) 35.90 ng/ul m

response 146668

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	151.69
56.00	133.10	111.92
0.00	0.00	0.00

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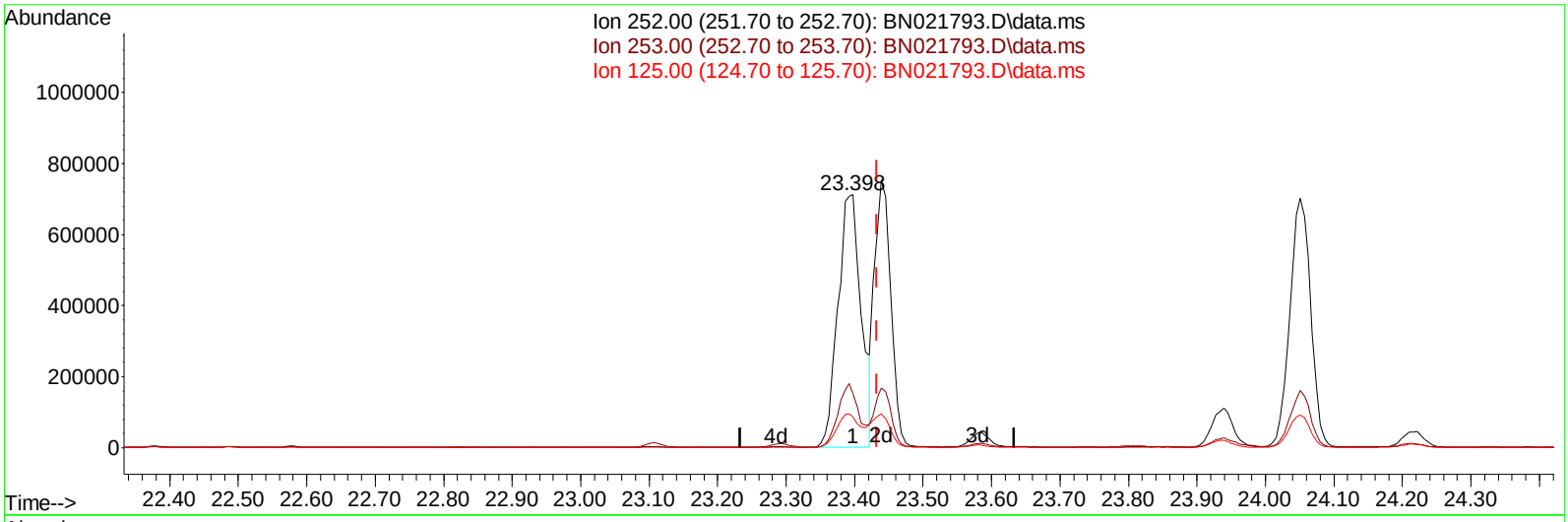

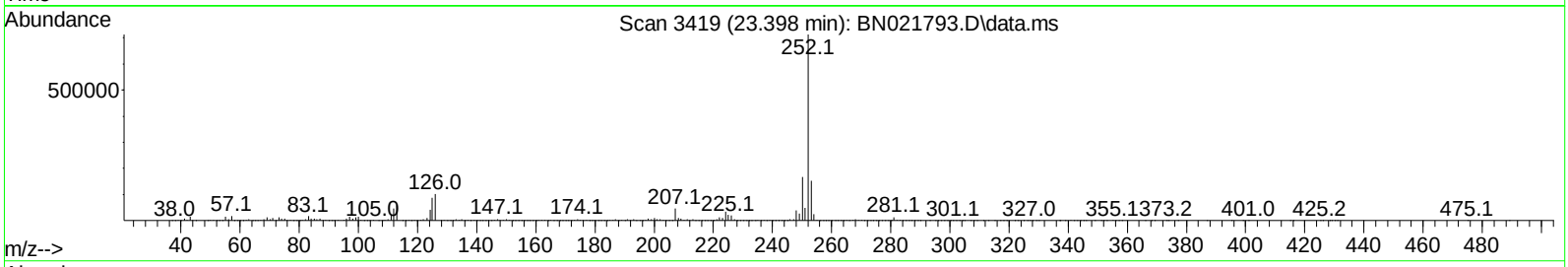

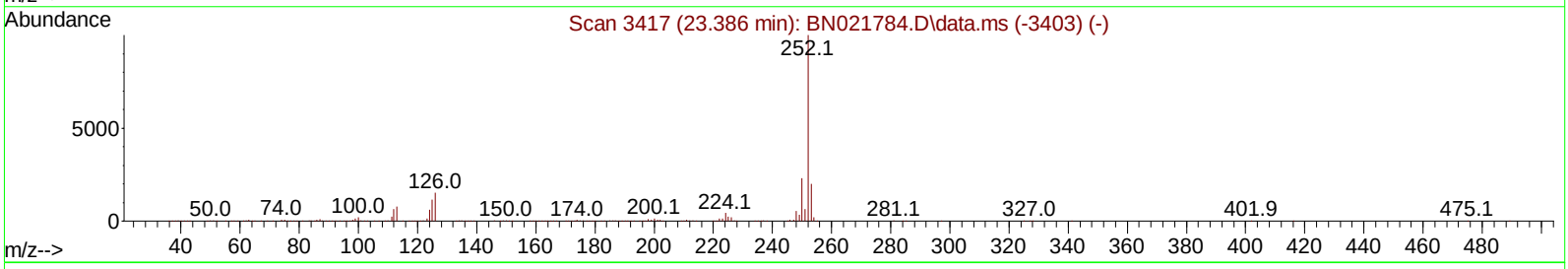

TIC: BN021793.D\data.ms

(91) Benzo(k)fluoranthene

23.398min (-0.035) 58.32 ng/ul

response 1677633

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	21.31
125.00	10.30	12.20
0.00	0.00	0.00

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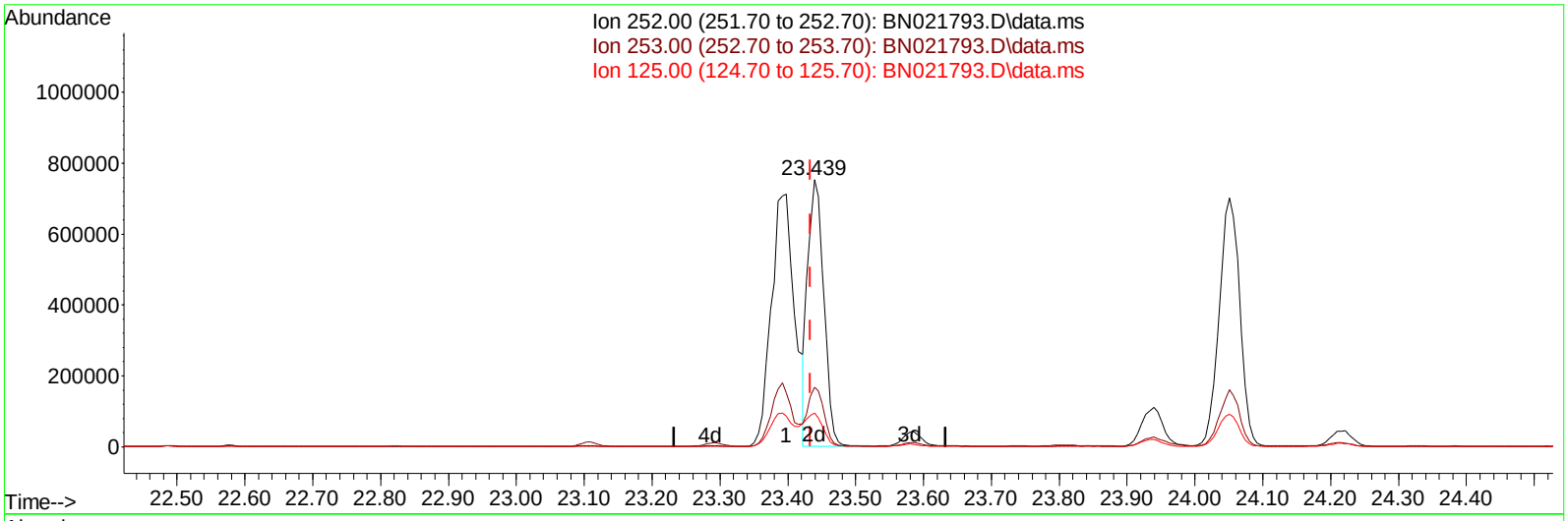

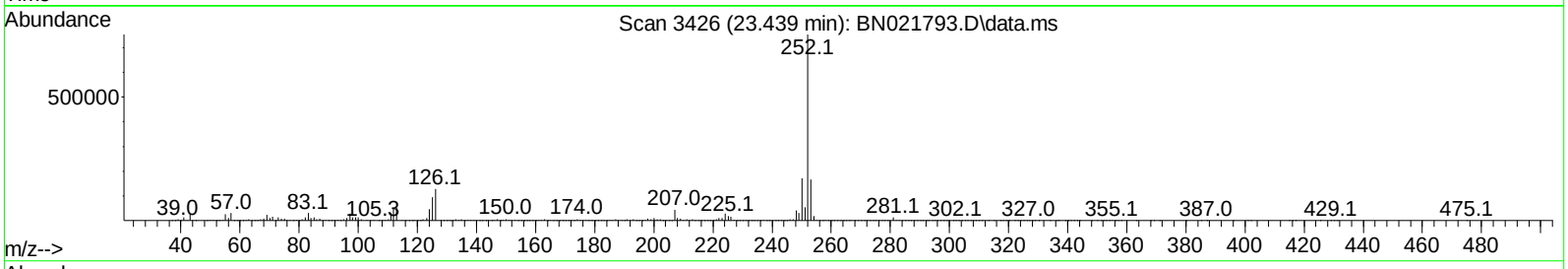

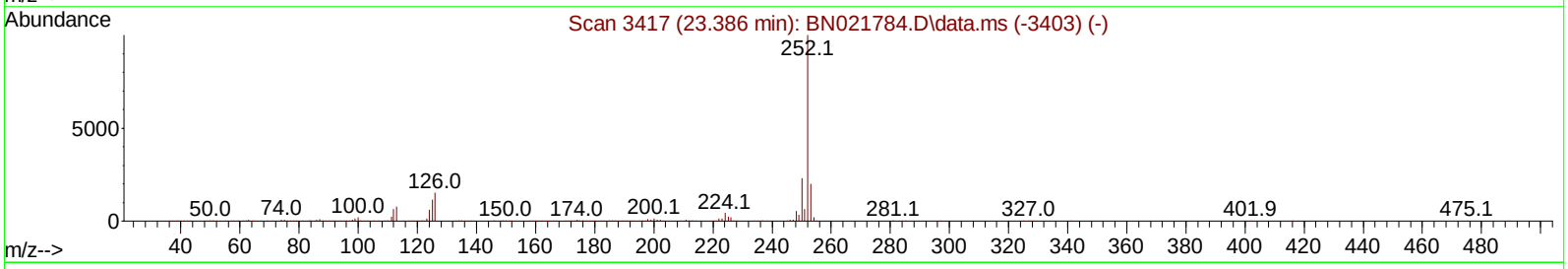

TIC: BN021793.D\data.ms

(91) Benzo(k)fluoranthene

23.439min (+ 0.006) 43.26 ng/ul m

response 1244400

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	22.22
125.00	10.30	12.72#
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	8.052	152	171341	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	756325	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	446093	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	888732	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	562612	20.000	ng/ul	# 0.00
88) Perylene-d12	24.157	264	528550	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	16479	3.611	ng/uL	0.00
4) Pyridine-d5	3.793	84	117984	9.486	ng/ul	0.00
7) Phenol-d5	7.205	99	355962	22.906	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	216676	23.034	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	285510	25.253	ng/ul	0.00
15) 4-Methylphenol-d8	8.769	113	292808	24.014	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	146965	28.521	ng/ul	0.00
24) 2-Nitrophenol-d4	9.957	143	160361	34.842	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	288663	28.319	ng/ul	0.00
31) 4-Chloroaniline-d4	11.022	131	339011	19.584	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	825617	27.078	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	993290	27.944	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	155561	25.639	ng/ul	0.00
60) Fluorene-d10	15.698	176	694470	26.176	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	133065	37.433	ng/ul	0.01
73) Anthracene-d10	17.557	188	994977	25.405	ng/ul	0.00
81) Pyrene-d10	19.851	212	1032593	38.593	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.004	264	701418	27.998	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	52448	11.159	ng/uL	97
5) Pyridine	3.817	79	173384	13.854	ng/ul	85
6) Benzaldehyde	7.175	77	132171	19.575	ng/ul	95
8) Phenol	7.234	94	542920	33.809	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.463	93	420087	32.808	ng/ul	97
12) 2-Chlorophenol	7.610	128	419210	34.561	ng/ul	95
13) 2-Methylphenol	8.499	108	410195	33.619	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.581	45	537438	33.277	ng/ul	96
16) Acetophenone	8.887	105	644658	33.428	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.869	70	334269	34.811	ng/ul	93
18) 4-Methylphenol	8.834	108	450036	33.577	ng/ul	97
19) Hexachloroethane	9.140	117	170789	35.327	ng/ul	87
22) Nitrobenzene	9.269	77	483418	38.070	ng/ul	97
23) Isophorone	9.799	82	973559	37.233	ng/ul	100
25) 2-Nitrophenol	9.987	139	247139	45.839	ng/ul	94
26) 2,4-Dimethylphenol	10.046	107	480767	36.011	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.287	93	588442	35.936	ng/ul	97
29) 2,4-Dichlorophenol	10.528	162	400314	37.483	ng/ul	97
30) Naphthalene	10.934	128	1347835	34.225	ng/ul	99
32) 4-Chloroaniline	11.046	127	274454	15.299	ng/ul	98
33) Hexachlorobutadiene	11.210	225	225545	36.658	ng/ul	97
34) Caprolactam	11.834	113	146668m	35.903	ng/ul	
35) 4-Chloro-3-methylphenol	12.169	107	468357	38.911	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.540	142	912868	34.266	ng/ul	100
37) 1-Methylnaphthalene	12.757	142	924902	34.545	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.904	216	423725	37.042	ng/ul	99
40) Hexachlorocyclopentadiene	12.881	237	204019	29.957	ng/ul	98
41) 2,4,6-Trichlorophenol	13.145	196	302197	42.577	ng/ul	99
42) 2,4,5-Trichlorophenol	13.216	196	339399	43.582	ng/ul	99
43) 1,1'-Biphenyl	13.545	154	1201183	36.846	ng/ul	99
44) 2-Chloronaphthalene	13.587	162	908290	36.393	ng/ul	97
45) 2-Nitroaniline	13.798	65	302818	48.375	ng/ul	89
47) Dimethylphthalate	14.163	163	1181399	37.880	ng/ul	100
48) 2,6-Dinitrotoluene	14.287	165	257996	48.218	ng/ul	97
50) Acenaphthylene	14.434	152	1518289	37.000	ng/ul	99
51) 3-Nitroaniline	14.622	138	257443	43.190	ng/ul	98
52) Acenaphthene	14.775	153	969455	36.563	ng/ul	95
53) 2,4-Dinitrophenol	14.822	184	134329	51.283	ng/ul	98
55) 4-Nitrophenol	14.928	109	181834	37.386	ng/ul	95
56) Dibenzofuran	15.110	168	1360172	35.705	ng/ul	100
57) 2,4-Dinitrotoluene	15.075	165	363098	46.726	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.334	232	255498	42.744	ng/ul	98
59) Diethylphthalate	15.522	149	1238604	39.381	ng/ul	99
61) Fluorene	15.757	166	1059731	35.272	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.745	204	494693	35.718	ng/ul	96
63) 4-Nitroaniline	15.786	138	275356	46.032	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.834	198	185336	49.214	ng/ul	93
67) N-Nitrosodiphenylamine	15.963	169	956546	38.402	ng/ul	99
68) 4-Bromophenyl-phenylether	16.645	248	309105	39.107	ng/ul	99
69) Hexachlorobenzene	16.763	284	361017	38.370	ng/ul	94
70) Atrazine	16.910	200	11385	1.292	ng/ul	97
71) Pentachlorophenol	17.104	266	205766	39.281	ng/ul	98
72) Phenanthrene	17.504	178	2154855	45.903	ng/ul	98
74) Anthracene	17.592	178	1732395	37.062	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.510	216	433322	38.308	ng/uL	97
76) Pentachlorobenzene	15.022	250	424944	39.437	ng/uL	91
77) Carbazole	17.869	167	1604123	36.314	ng/ul	97
78) Di-n-butylphthalate	18.422	149	2225009	44.677	ng/ul	100
80) Fluoranthene	19.522	202	2739783	84.895	ng/ul	97
82) Pyrene	19.886	202	2538391	75.466	ng/ul	95
83) Butylbenzylphthalate	20.774	149	895633	70.350	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.563	252	280652	26.162	ng/ul#	97
85) Benzo(a)anthracene	21.633	228	1701961	50.242	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.545	149	1365062	70.030	ng/ul	99
87) Chrysene	21.692	228	1637138	49.916	ng/ul	99
89) Di-n-octyl phthalate	22.504	149	2112190	68.222	ng/ul	100
90) Benzo(b)fluoranthene	23.398	252	1677633	52.171	ng/ul#	97
91) Benzo(k)fluoranthene	23.439	252	1244400m	43.261	ng/ul	
93) Benzo(a)pyrene	24.051	252	1480952	48.135	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.809	276	1575337	41.708	ng/ul	95
95) Dibenzo(a,h)anthracene	26.833	278	1182863	37.109	ng/ul	98
96) Benzo(g,h,i)perylene	27.627	276	1252998	38.016	ng/ul#	89

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

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