Quantitation Report (Qedit)

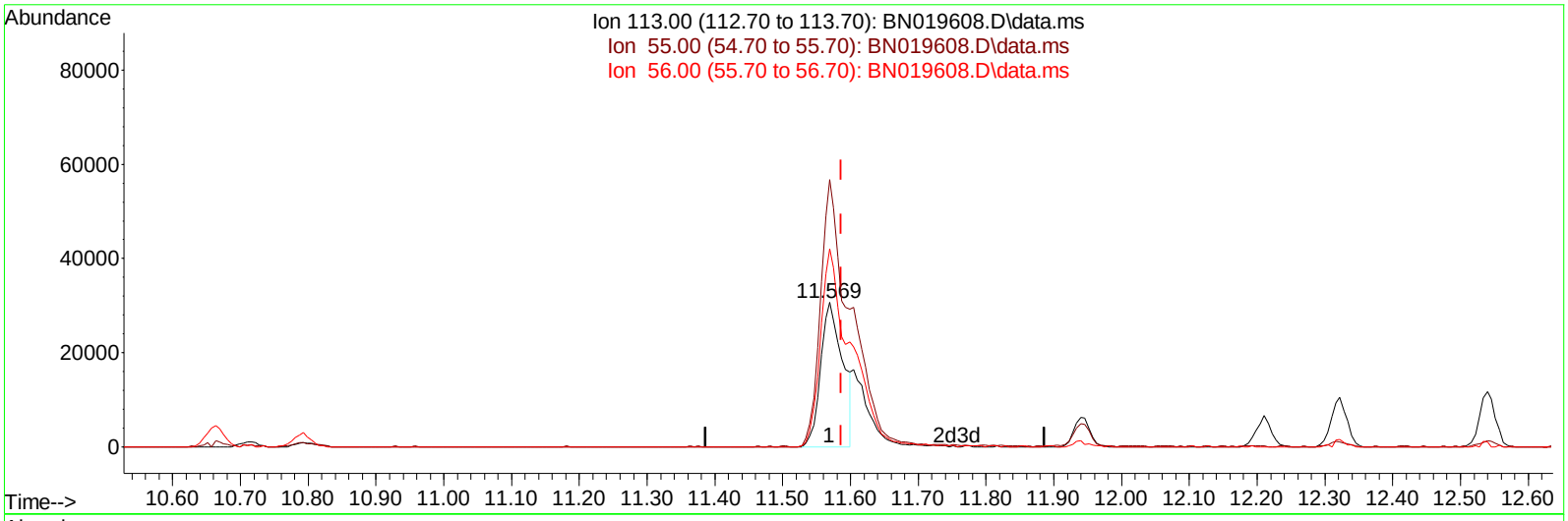
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043022\
Data File : BN019608.D
Acq On : 30 Apr 2022 01:55
Operator : CG/JU
Sample : PB144472BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

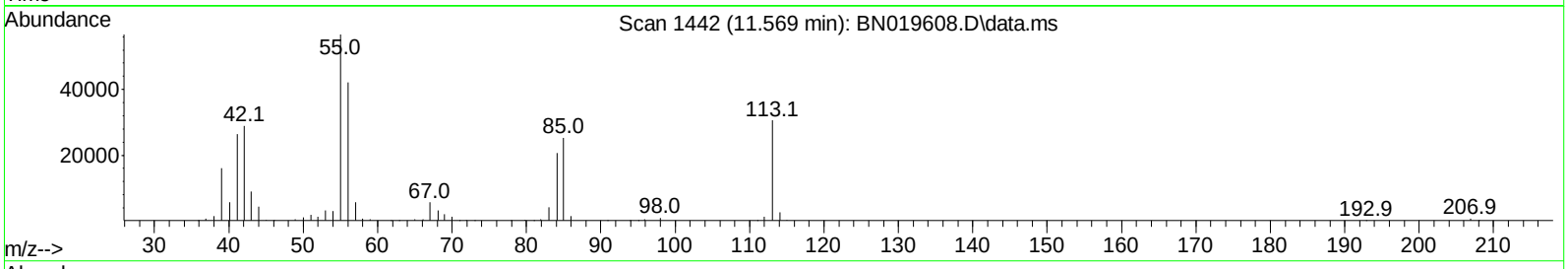
Quant Time: Apr 30 03:09:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 27 13:41:44 2022
Response via : Initial Calibration

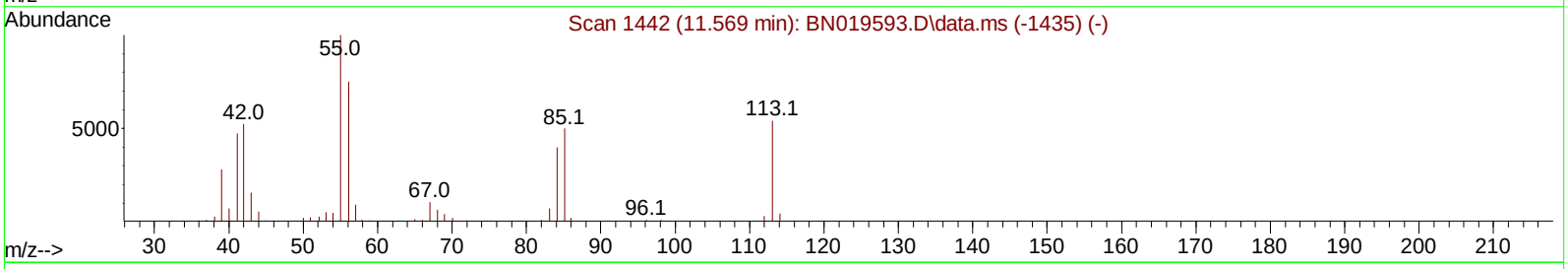
Instrument :
BNA_N
ClientSampleId :
SLCS472

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/02/2022
Supervised By :Yogesh Patel 05/05/2022







TIC: BN019608.D\data.ms

(34) Caprolactam

11.569min (-0.017) 26.77 ng/ul

response 68938

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	185.14
56.00	133.10	137.42
0.00	0.00	0.00

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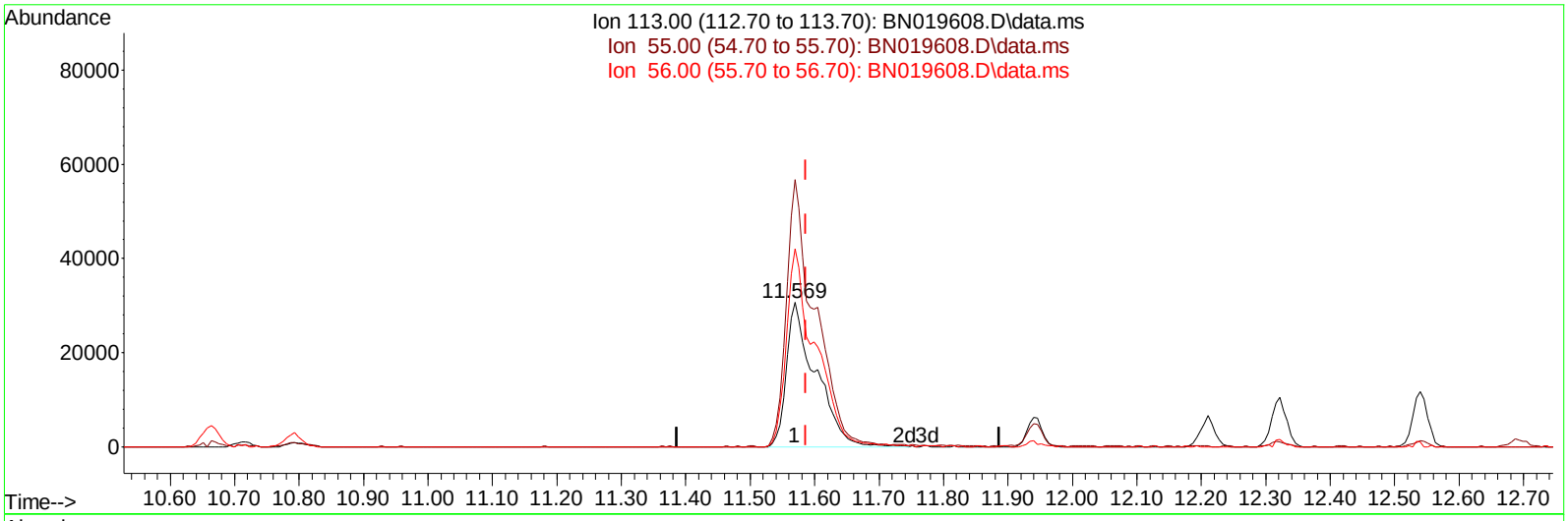

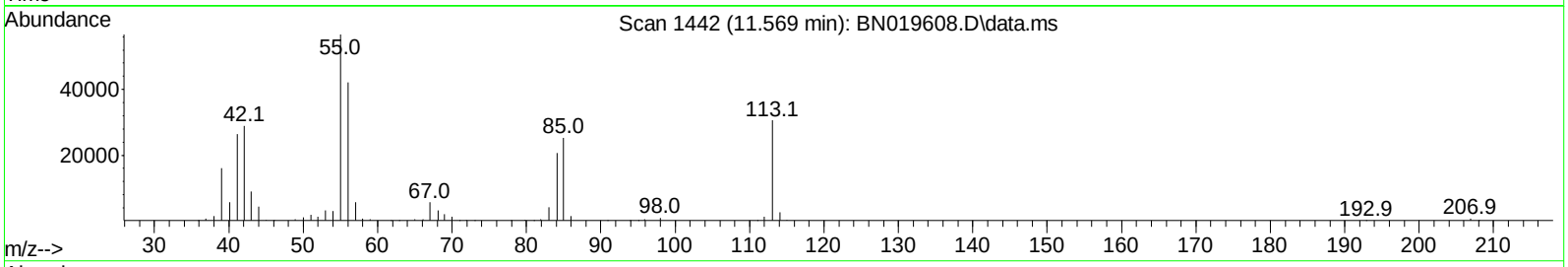

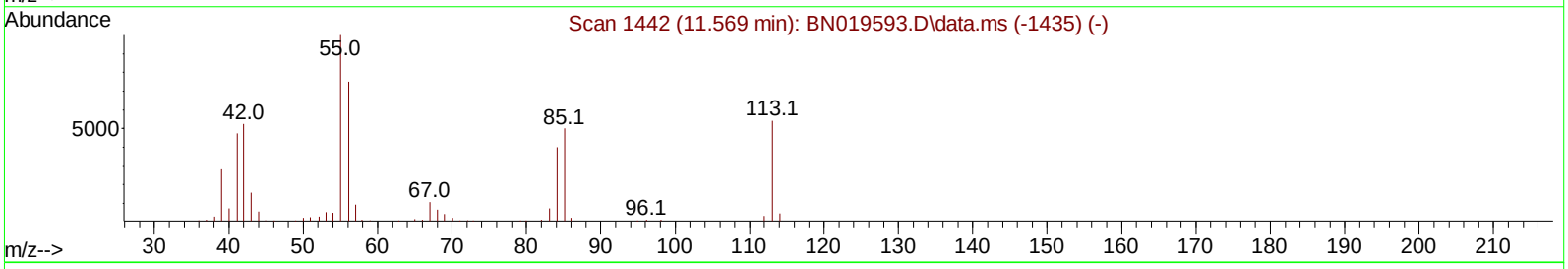

TIC: BN019608.D\data.ms

(34) Caprolactam

11.569min (-0.017) 37.66 ng/ul m

response 96983

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	185.14
56.00	133.10	137.42
0.00	0.00	0.00

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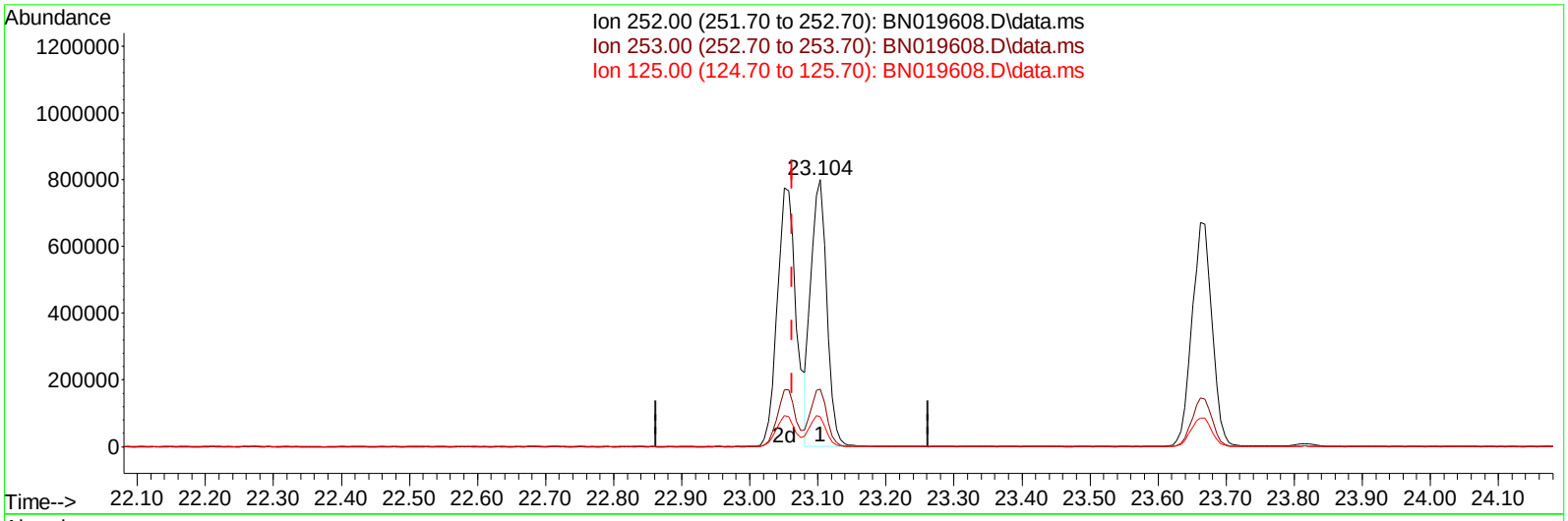

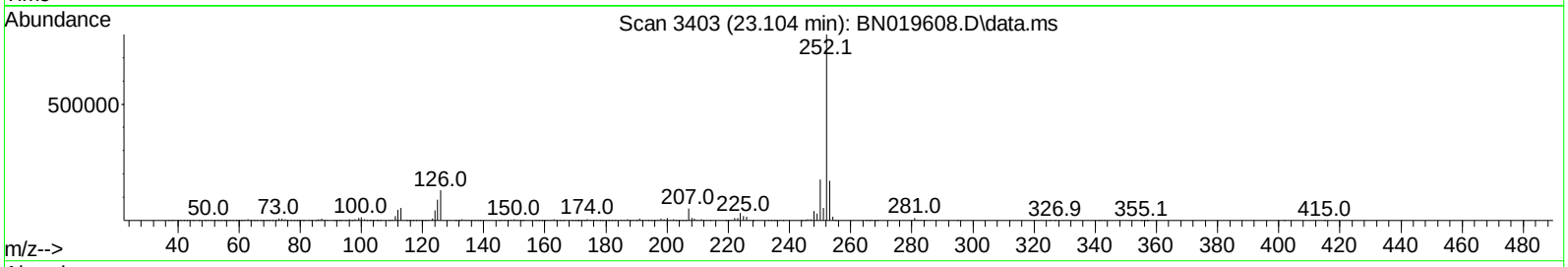

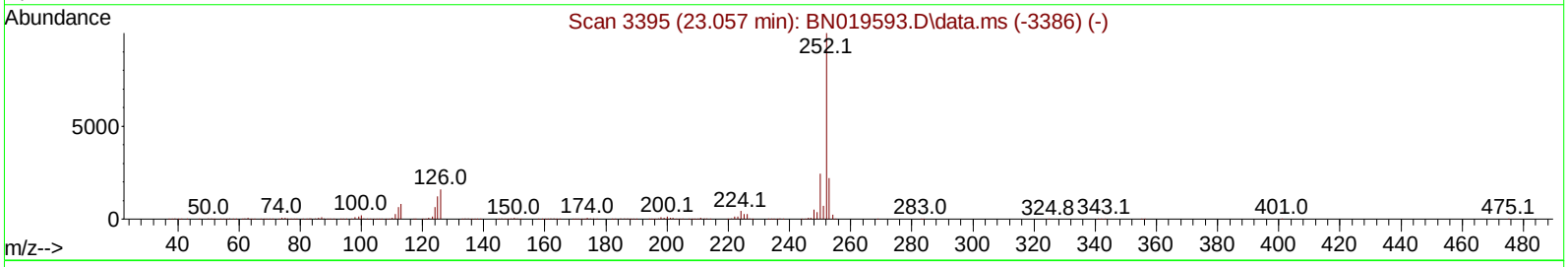

TIC: BN019608.D\data.ms

(90) Benzo(b)fluoranthene

23.104min (+ 0.041) 30.66 ng/ul

response 1303151

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	21.49
125.00	9.80	11.30
0.00	0.00	0.00

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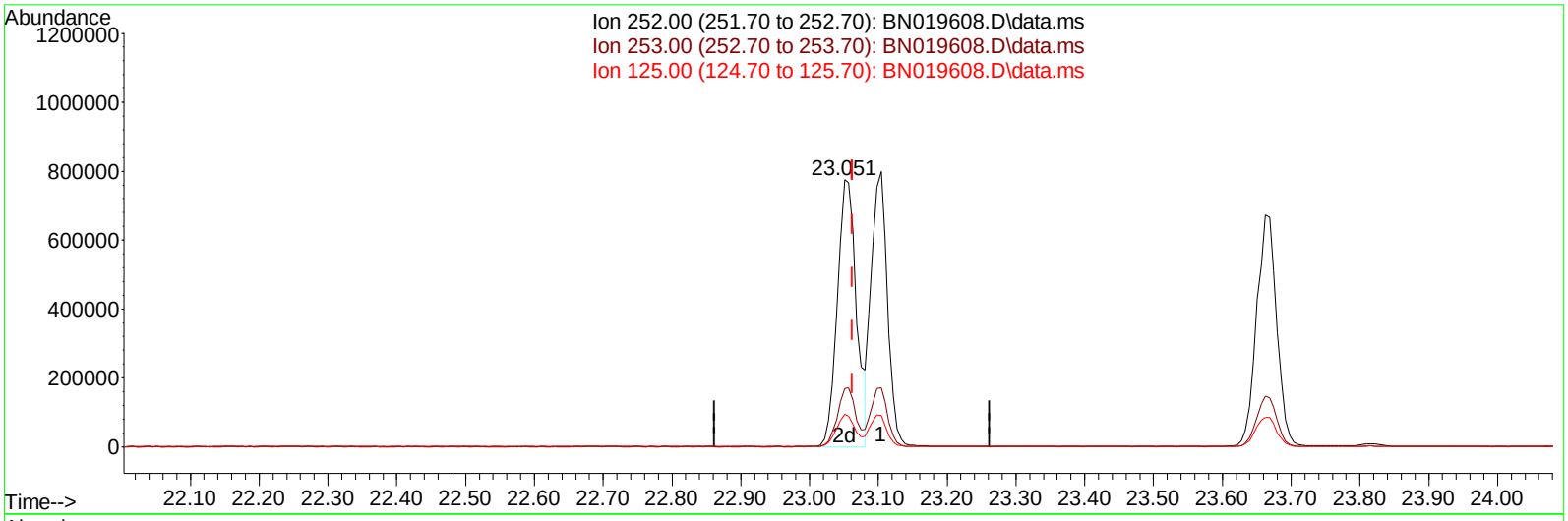

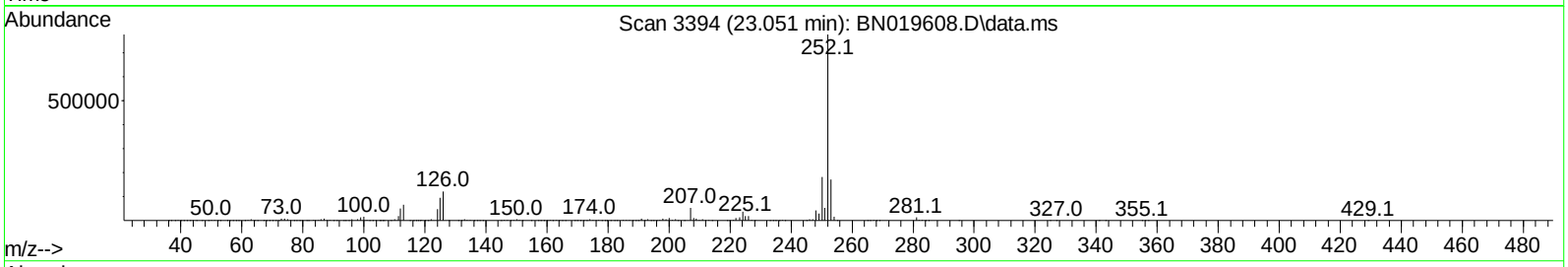

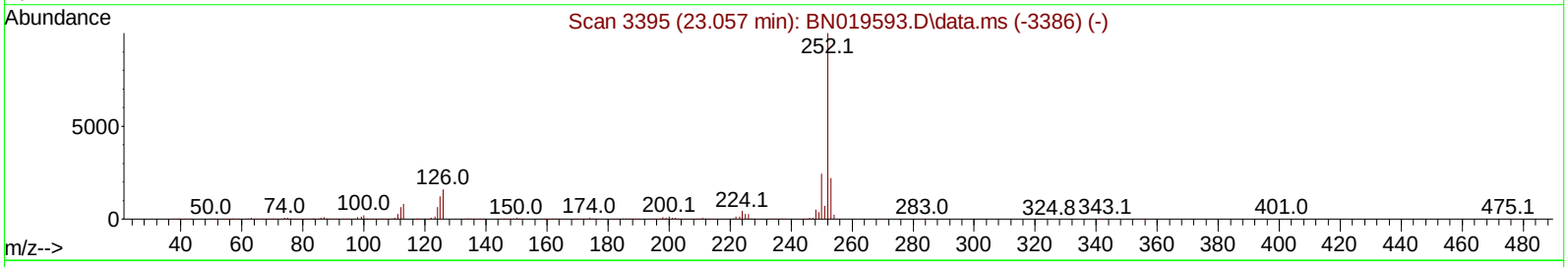

TIC: BN019608.D\data.ms

(90) Benzo(b)fluoranthene

23.051min (-0.011) 35.24 ng/ul m

response 1497896

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	21.94
125.00	9.80	12.14#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	159796	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	631394	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.493	164	359124	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	721345	20.000	ng/ul	-0.01
79) Chrysene-d12	21.416	240	658350	20.000	ng/ul	0.00
88) Perylene-d12	23.769	264	657056	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	26108	6.166	ng/uL	0.00
4) Pyridine-d5	3.746	84	322856	30.110	ng/ul	0.00
7) Phenol-d5	7.034	99	418784	30.242	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	255855	31.853	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	354518	32.276	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	332694	31.362	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	163913	35.606	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	172756	38.079	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	300980	33.142	ng/ul	0.00
31) 4-Chloroaniline-d4	10.793	131	406856	29.512	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	847579	34.362	ng/ul	0.00
49) Acenaphthylene-d8	14.187	160	1034727	31.025	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	168635	35.153	ng/ul	0.00
60) Fluorene-d10	15.481	176	714606	32.818	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.593	200	121016	32.862	ng/ul	0.00
73) Anthracene-d10	17.328	188	1078560	31.750	ng/ul	0.00
81) Pyrene-d10	19.622	212	1211537	32.008	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.616	264	1162105	34.598	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.376	88	50334	11.655	ng/uL#	94
5) Pyridine	3.764	79	348317	30.828	ng/ul	97
6) Benzaldehyde	7.011	77	282178	39.758	ng/ul	92
8) Phenol	7.058	94	440266	31.595	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.293	93	334635	30.950	ng/ul	99
12) 2-Chlorophenol	7.434	128	358448	32.134	ng/ul	98
13) 2-Methylphenol	8.311	108	323219	31.327	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.405	45	502638	32.347	ng/ul	97
16) Acetophenone	8.687	105	500834	31.461	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.681	70	244231	32.965	ng/ul	94
18) 4-Methylphenol	8.640	108	347684	31.474	ng/ul	98
19) Hexachloroethane	8.952	117	147307	32.576	ng/ul	88
22) Nitrobenzene	9.063	77	373822	34.441	ng/ul	94
23) Isophorone	9.593	82	669021	34.560	ng/ul	96
25) 2-Nitrophenol	9.775	139	184571	36.028	ng/ul	98
26) 2,4-Dimethylphenol	9.840	107	357307	31.309	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.075	93	416294	32.703	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	307770	33.802	ng/ul	97
30) Naphthalene	10.716	128	1065270	31.503	ng/ul	99
32) 4-Chloroaniline	10.816	127	401663	28.987	ng/ul	99
33) Hexachlorobutadiene	11.010	225	180572	33.057	ng/ul	97
34) Caprolactam	11.569	113	96983m	37.663	ng/ul	
35) 4-Chloro-3-methylphenol	11.940	107	331839	34.433	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.322	142	695989	31.981	ng/ul	99
37) 1-Methylnaphthalene	12.540	142	706899	32.445	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.693	216	324015	32.516	ng/ul	94
40) Hexachlorocyclopentadiene	12.681	237	171994	28.051	ng/ul	96
41) 2,4,6-Trichlorophenol	12.928	196	217328	34.962	ng/ul	98
42) 2,4,5-Trichlorophenol	12.993	196	237877	35.244	ng/ul	99
43) 1,1'-Biphenyl	13.334	154	903261	31.812	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	686047	31.624	ng/ul	97
45) 2-Nitroaniline	13.563	65	204878	39.356	ng/ul	94
47) Dimethylphthalate	13.951	163	825871	33.716	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	167608	39.664	ng/ul	96
50) Acenaphthylene	14.216	152	1124584	32.821	ng/ul	100
51) 3-Nitroaniline	14.387	138	182997	42.250	ng/ul	98
52) Acenaphthene	14.557	153	713853	31.833	ng/ul	100
53) 2,4-Dinitrophenol	14.593	184	82396	35.152	ng/ul	94
55) 4-Nitrophenol	14.693	109	140279	36.800	ng/ul	95
56) Dibenzofuran	14.887	168	994688	31.753	ng/ul	99
57) 2,4-Dinitrotoluene	14.846	165	245994	40.034	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.116	232	177975	36.152	ng/ul	88
59) Diethylphthalate	15.316	149	844022	35.032	ng/ul	98
61) Fluorene	15.540	166	780680	32.104	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.534	204	356455	32.420	ng/ul	92
63) 4-Nitroaniline	15.546	138	192410	51.833	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.610	198	121656	32.480	ng/ul	97
67) N-Nitrosodiphenylamine	15.745	169	679147	30.684	ng/ul	98
68) 4-Bromophenyl-phenylether	16.428	248	205129	30.270	ng/ul	92
69) Hexachlorobenzene	16.545	284	241840	31.728	ng/ul	93
70) Atrazine	16.698	200	237285	33.607	ng/ul	96
71) Pentachlorophenol	16.881	266	155174	33.546	ng/ul	99
72) Phenanthrene	17.275	178	1260793	31.276	ng/ul	99
74) Anthracene	17.363	178	1264233	31.395	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.293	216	325049	29.232	ng/uL	99
76) Pentachlorobenzene	14.816	250	290873	30.027	ng/uL	96
77) Carbazole	17.628	167	1183021	32.316	ng/ul	96
78) Di-n-butylphthalate	18.204	149	1437074	36.697	ng/ul	100
80) Fluoranthene	19.286	202	1457634	32.670	ng/ul	98
82) Pyrene	19.651	202	1484628	31.945	ng/ul	98
83) Butylbenzylphthalate	20.557	149	647810	37.683	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.328	252	421610	31.888	ng/ul#	91
85) Benzo(a)anthracene	21.398	228	1375157	32.613	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.339	149	991708	37.597	ng/ul#	97
87) Chrysene	21.451	228	1345446	32.484	ng/ul	98
89) Di-n-octyl phthalate	22.251	149	1690262	37.577	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	1497896m	35.239	ng/ul	
91) Benzo(k)fluoranthene	23.104	252	1303151	33.799	ng/ul	97
93) Benzo(a)pyrene	23.663	252	1380161	34.192	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.186	276	1600233	34.594	ng/ul	94
95) Dibenzo(a,h)anthracene	26.210	278	1350235	34.137	ng/ul	98
96) Benzo(g,h,i)perylene	26.933	276	1379760	33.911	ng/ul	96

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

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