Quantitation Report (Qedit)

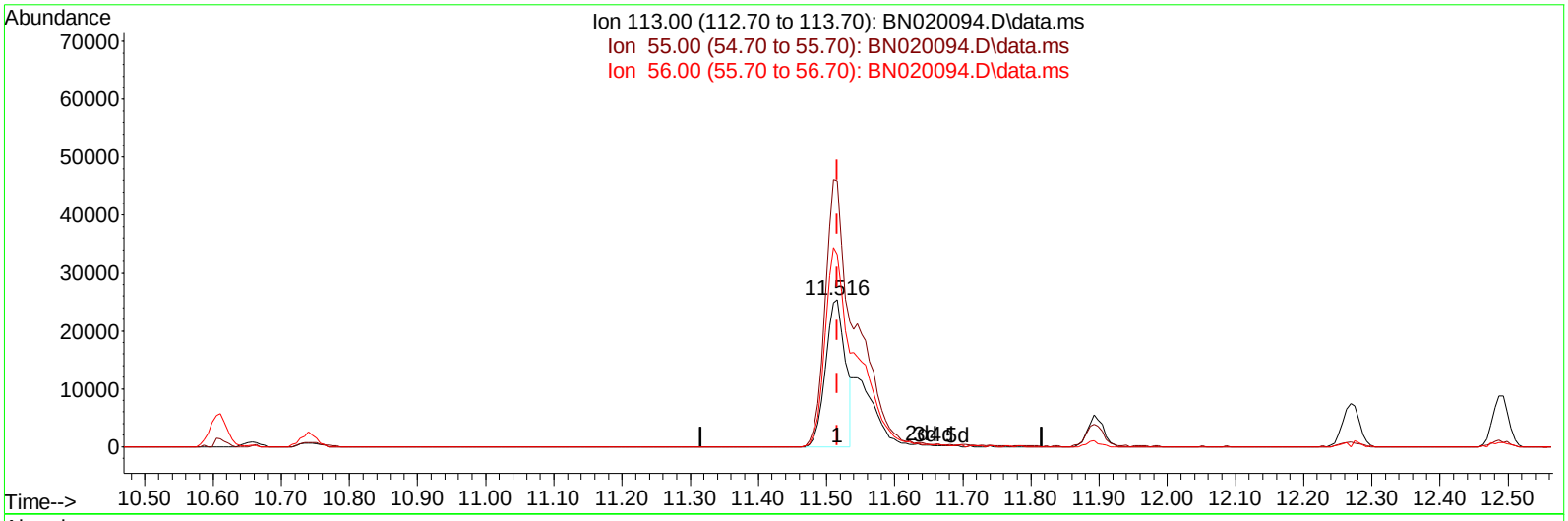
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061122\
Data File : BN020094.D
Acq On : 10 Jun 2022 11:17
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

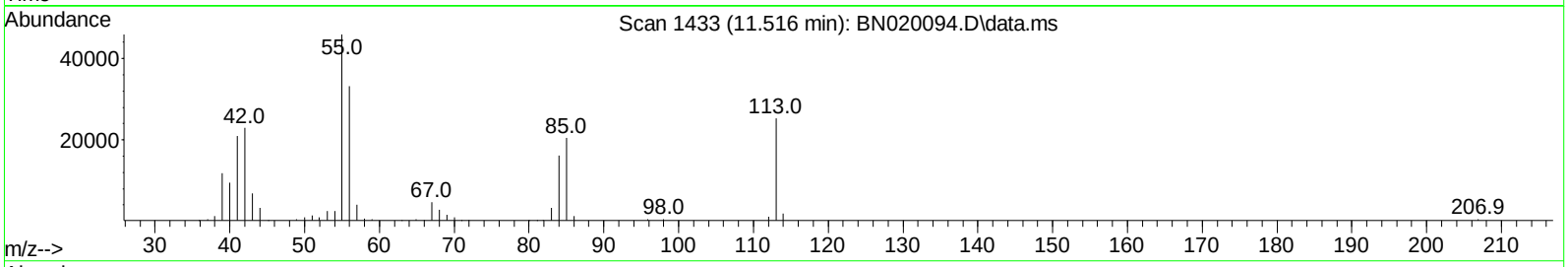
Quant Time: Jun 10 22:45:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 06 15:14:59 2022
Response via : Initial Calibration

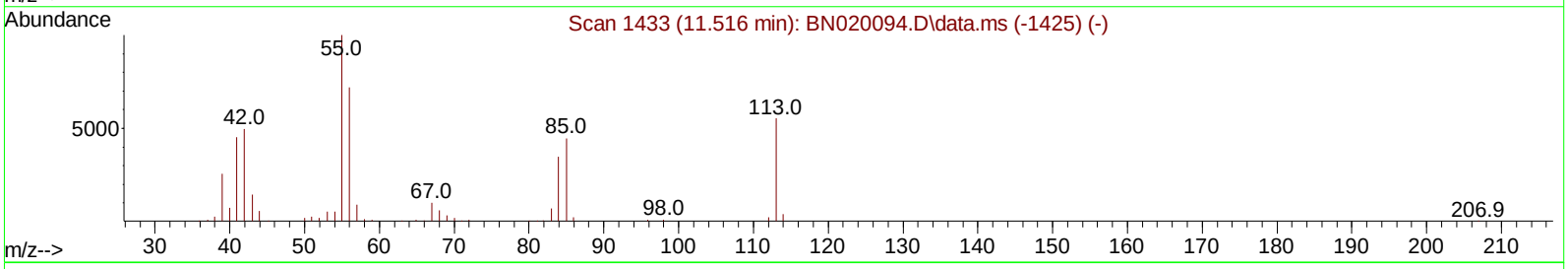
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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







TIC: BN020094.D\data.ms

(34) Caprolactam

11.516min (+ 0.000) 11.85 ng/ul

response 50900

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	181.24
56.00	133.10	130.91
0.00	0.00	0.00

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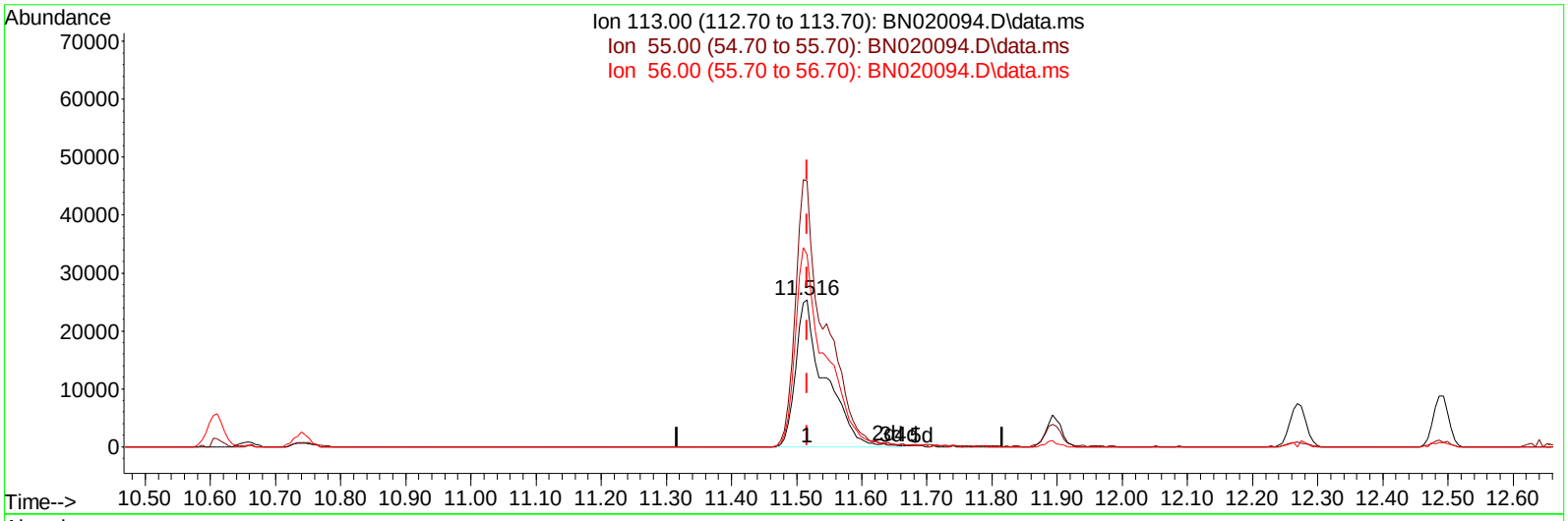

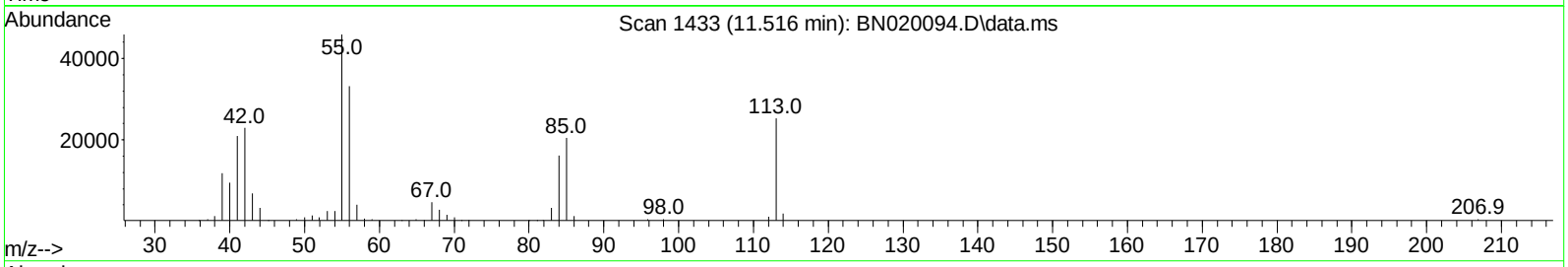

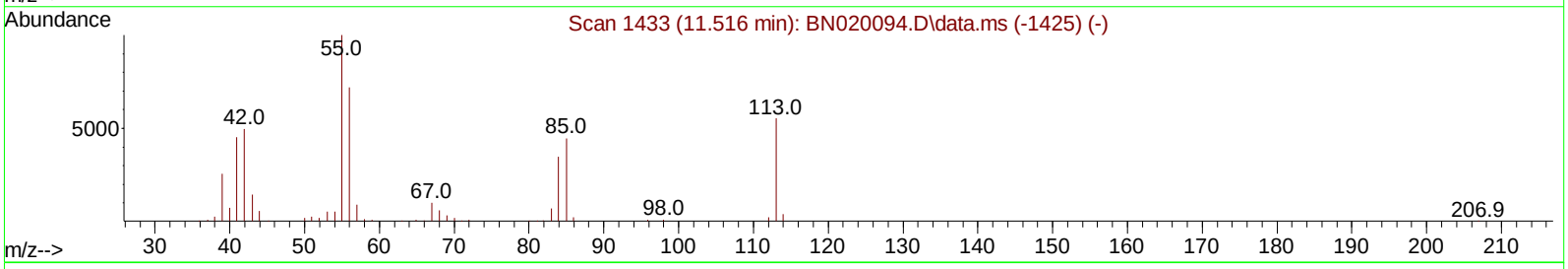

TIC: BN020094.D\data.ms

(34) Caprolactam

11.516min (+ 0.000) 18.44 ng/ul m

response 79246

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	181.24
56.00	133.10	130.91
0.00	0.00	0.00

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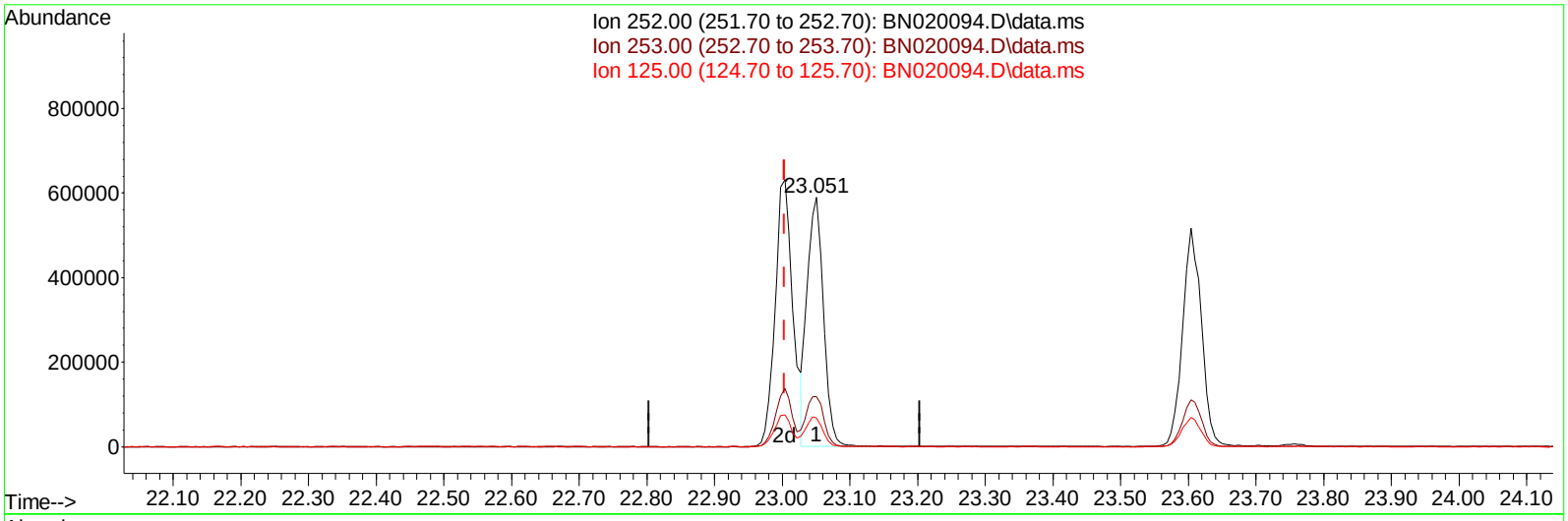

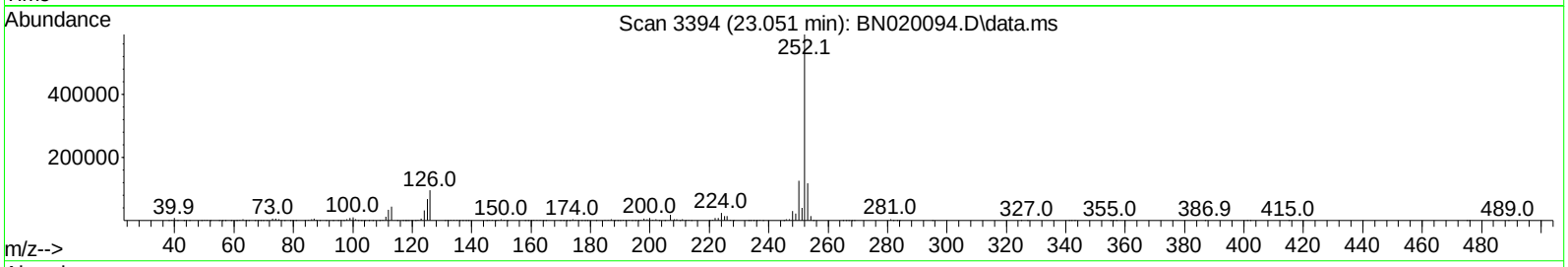

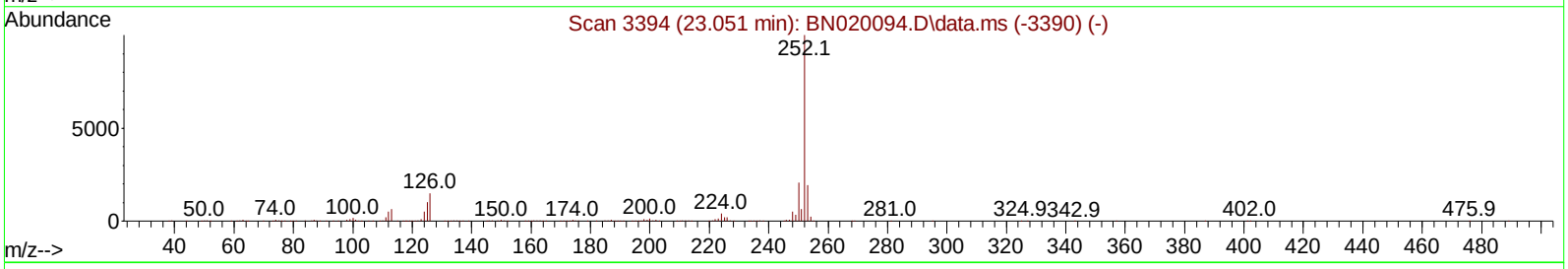

TIC: BN020094.D\data.ms

(90) Benzo(b)fluoranthene

23.051min (+ 0.047) 18.81 ng/ul

response 985443

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	20.18
125.00	9.80	11.50
0.00	0.00	0.00

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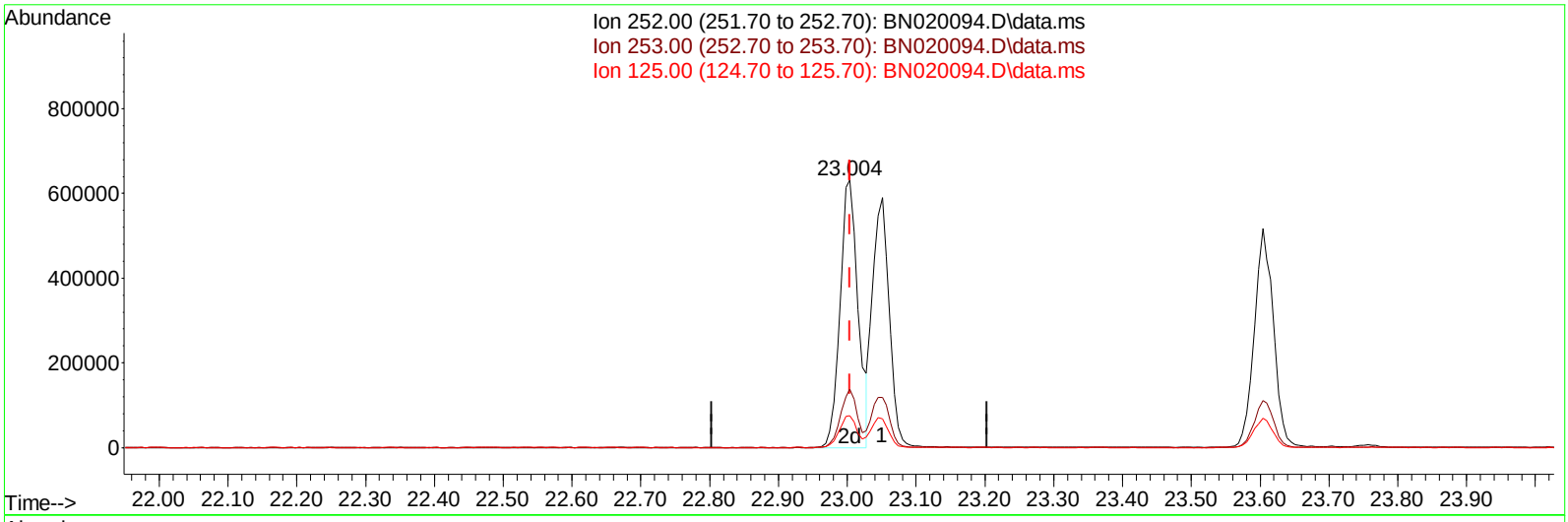

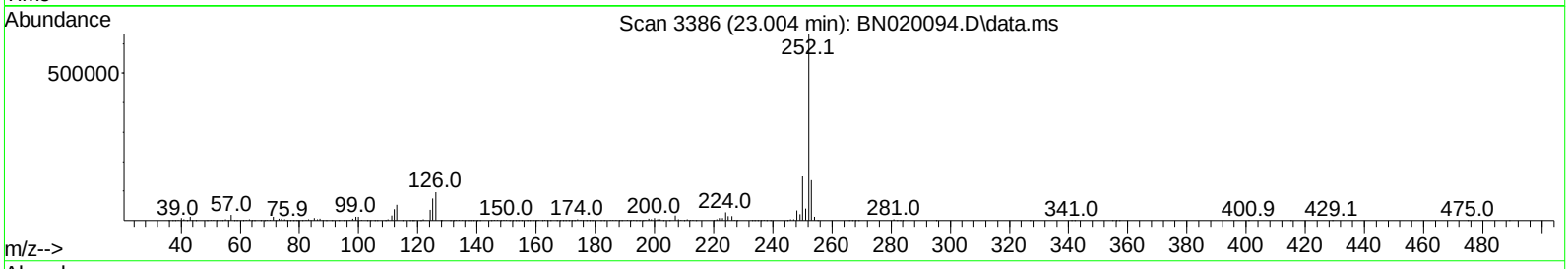

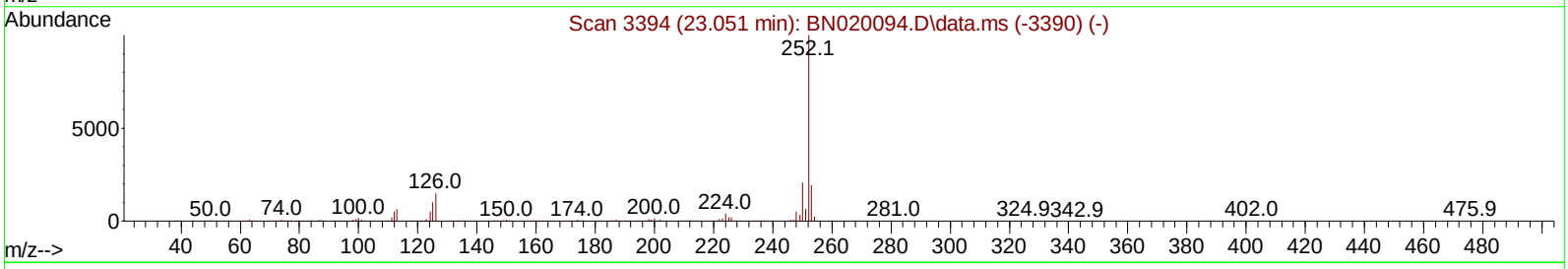

TIC: BN020094.D\data.ms

(90) Benzo(b)fluoranthene

23.004min (+ 0.000) 21.82 ng/ul m

response 1143587

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	21.87
125.00	9.80	11.92#
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	161800	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	754636	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	486886	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	991963	20.000	ng/ul	0.00
79) Chrysene-d12	21.380	240	894019	20.000	ng/ul	0.00
88) Perylene-d12	23.704	264	834912	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	29281	7.838	ng/uL	0.00
4) Pyridine-d5	3.687	84	197718	19.364	ng/ul	0.00
7) Phenol-d5	6.987	99	262792	19.628	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	165961	19.840	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	218712	20.105	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	232306	20.055	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	113719	19.808	ng/ul	0.00
24) 2-Nitrophenol-d4	9.693	143	124754	20.475	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	217468	20.445	ng/ul	0.00
31) 4-Chloroaniline-d4	10.740	131	338105	19.629	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	687530	19.407	ng/ul	0.00
49) Acenaphthylene-d8	14.140	160	832649	20.267	ng/ul	0.00
54) 4-Nitrophenol-d4	14.640	143	127638	17.980	ng/ul	0.00
60) Fluorene-d10	15.439	176	580193	19.791	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	97479	16.965	ng/ul	0.00
73) Anthracene-d10	17.286	188	886320	20.473	ng/ul	0.00
81) Pyrene-d10	19.580	212	977325	20.165	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.557	264	802530	19.646	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	29696	7.530	ng/uL	97
5) Pyridine	3.705	79	209673	19.588	ng/ul	93
6) Benzaldehyde	6.958	77	155679	24.678	ng/ul	94
8) Phenol	7.010	94	286233	20.077	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.240	93	222814	19.968	ng/ul	98
12) 2-Chlorophenol	7.381	128	231859	20.391	ng/ul	97
13) 2-Methylphenol	8.263	108	219866	20.061	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.352	45	349844	19.994	ng/ul	97
16) Acetophenone	8.634	105	361196	20.505	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.622	70	183739	20.418	ng/ul	94
18) 4-Methylphenol	8.587	108	246625	20.388	ng/ul	98
19) Hexachloroethane	8.899	117	89493	19.560	ng/ul	88
22) Nitrobenzene	9.010	77	265884	19.974	ng/ul	98
23) Isophorone	9.534	82	510971	19.441	ng/ul	99
25) 2-Nitrophenol	9.722	139	139097	20.660	ng/ul	97
26) 2,4-Dimethylphenol	9.787	107	278373	19.958	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.022	93	319035	19.836	ng/ul	97
29) 2,4-Dichlorophenol	10.257	162	224539	20.408	ng/ul	99
30) Naphthalene	10.657	128	781037	19.970	ng/ul	99
32) 4-Chloroaniline	10.763	127	340746	19.778	ng/ul	100
33) Hexachlorobutadiene	10.957	225	125574	19.879	ng/ul	97
34) Caprolactam	11.516	113	79246m	18.444	ng/ul	
35) 4-Chloro-3-methylphenol	11.893	107	265668	20.449	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.269	142	527566	19.953	ng/ul	96
37) 1-Methylnaphthalene	12.493	142	541560	20.071	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.645	216	243676	19.623	ng/ul	99
40) Hexachlorocyclopentadiene	12.628	237	134697	17.832	ng/ul	96
41) 2,4,6-Trichlorophenol	12.881	196	175224	20.464	ng/ul	95
42) 2,4,5-Trichlorophenol	12.951	196	192409	20.290	ng/ul	99
43) 1,1'-Biphenyl	13.281	154	714100	19.807	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	540846	19.775	ng/ul	96
45) 2-Nitroaniline	13.522	65	170067	19.987	ng/ul	95
47) Dimethylphthalate	13.904	163	687946	19.290	ng/ul	99
48) 2,6-Dinitrotoluene	14.022	165	140780	20.190	ng/ul	93
50) Acenaphthylene	14.169	152	895843	19.695	ng/ul	99
51) 3-Nitroaniline	14.345	138	151138	20.503	ng/ul	98
52) Acenaphthene	14.510	153	582989	19.622	ng/ul	99
53) 2,4-Dinitrophenol	14.557	184	40034	8.967	ng/ul	98
55) 4-Nitrophenol	14.657	109	109843	18.127	ng/ul	97
56) Dibenzofuran	14.845	168	827525	19.769	ng/ul	99
57) 2,4-Dinitrotoluene	14.804	165	209237	20.266	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.069	232	143862	19.326	ng/ul	91
59) Diethylphthalate	15.269	149	707751	19.276	ng/ul	98
61) Fluorene	15.492	166	648275	19.903	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.487	204	295042	19.669	ng/ul	92
63) 4-Nitroaniline	15.504	138	147209	21.371	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.569	198	95251	16.350	ng/ul#	87
67) N-Nitrosodiphenylamine	15.698	169	577723	20.315	ng/ul	99
68) 4-Bromophenyl-phenylether	16.381	248	177286	20.523	ng/ul#	89
69) Hexachlorobenzene	16.504	284	196439	19.782	ng/ul	93
70) Atrazine	16.651	200	201234	20.281	ng/ul	97
71) Pentachlorophenol	16.839	266	93820	15.170	ng/ul	97
72) Phenanthrene	17.228	178	1035140	19.774	ng/ul	98
74) Anthracene	17.322	178	1044838	19.849	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	263636	19.847	ng/uL	98
76) Pentachlorobenzene	14.769	250	239449	20.396	ng/uL	94
77) Carbazole	17.586	167	974322	20.346	ng/ul	96
78) Di-n-butylphthalate	18.157	149	1196127	20.143	ng/ul	100
80) Fluoranthene	19.245	202	1180916	20.174	ng/ul	97
82) Pyrene	19.610	202	1208291	20.120	ng/ul	94
83) Butylbenzylphthalate	20.516	149	560606	20.743	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.298	252	354588	20.766	ng/ul#	96
85) Benzo(a)anthracene	21.363	228	1131675	20.046	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.304	149	800595	20.995	ng/ul	96
87) Chrysene	21.416	228	1075228	19.468	ng/ul	98
89) Di-n-octyl phthalate	22.204	149	1382496	20.345	ng/ul	100
90) Benzo(b)fluoranthene	23.004	252	1143587m	21.824	ng/ul	
91) Benzo(k)fluoranthene	23.051	252	985443	19.755	ng/ul	95
93) Benzo(a)pyrene	23.604	252	1002462	19.764	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.098	276	955645	18.312	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.109	278	828581	18.589	ng/ul	98
96) Benzo(g,h,i)perylene	26.833	276	809408	18.366	ng/ul#	94

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

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