Quantitation Report (Qedit)

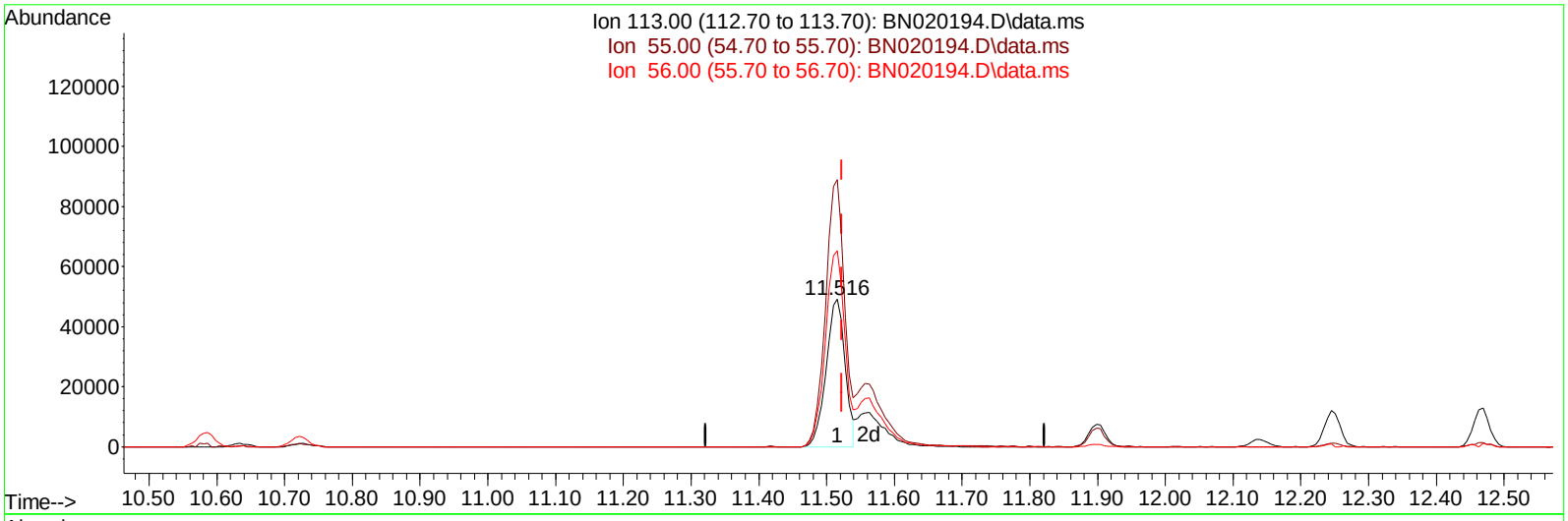
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020194.D
Acq On : 16 Jun 2022 03:22
Operator : CG/JU
Sample : PB145543BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

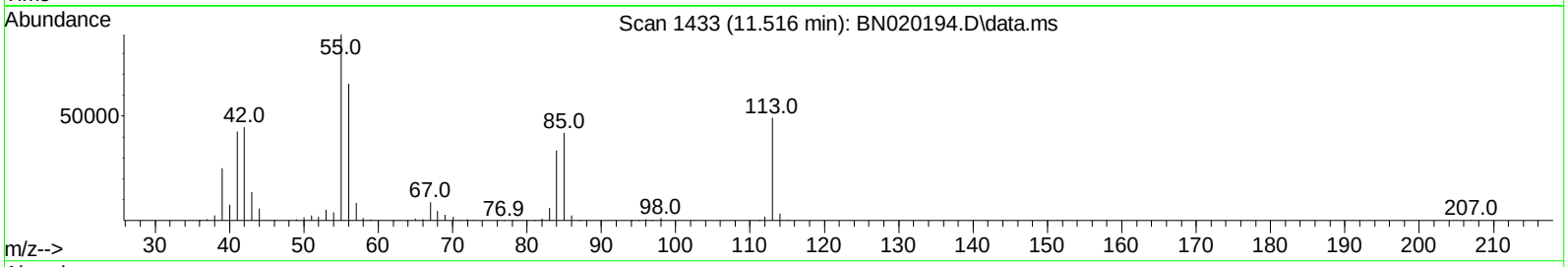
Quant Time: Jun 16 04:15:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 16 00:50:14 2022
Response via : Initial Calibration

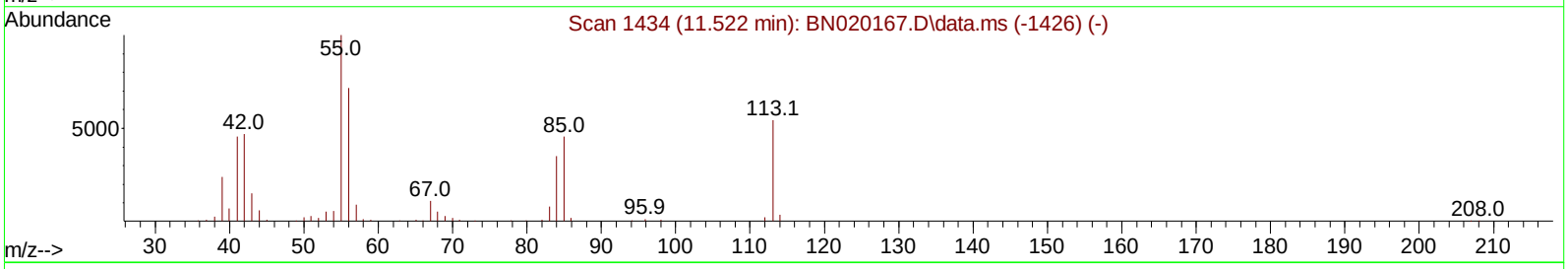
Instrument :
BNA_N
ClientSampleId :
SLCS543

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022







TIC: BN020194.D\data.ms

(34) Caprolactam

11.516min (-0.006) 25.08 ng/ul

response 95670

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	180.87
56.00	133.10	132.95
0.00	0.00	0.00

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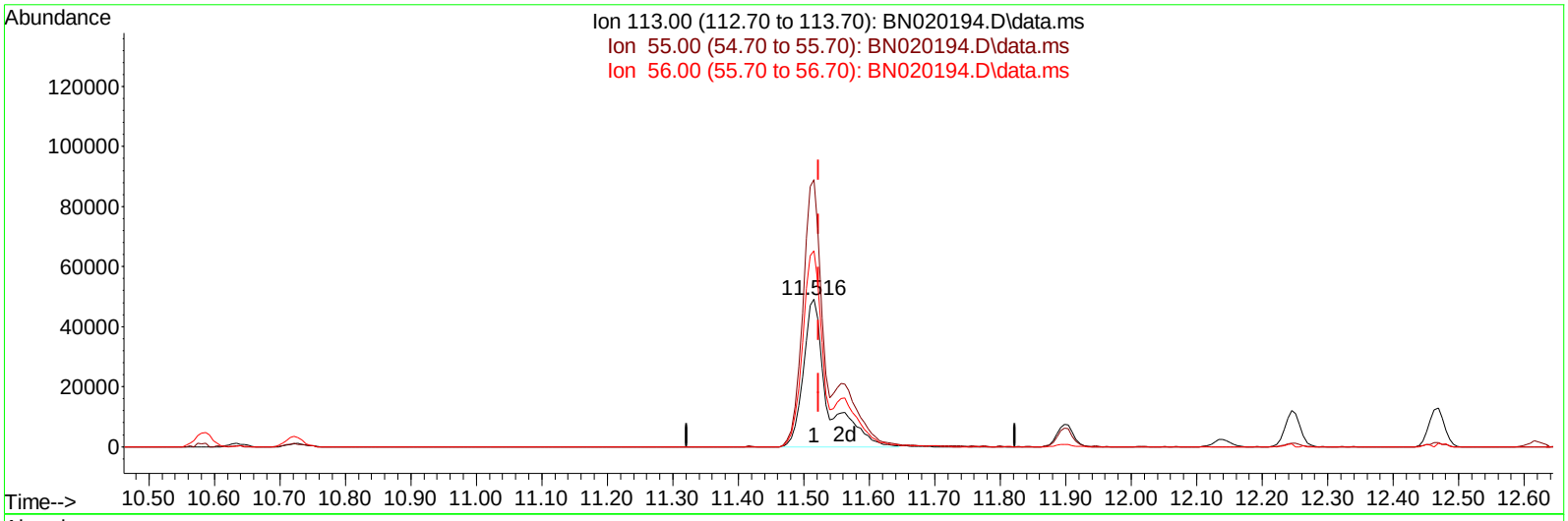

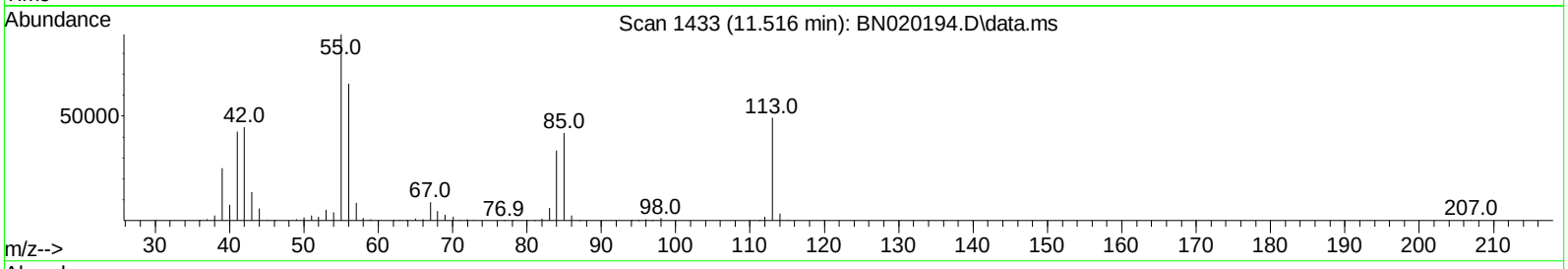

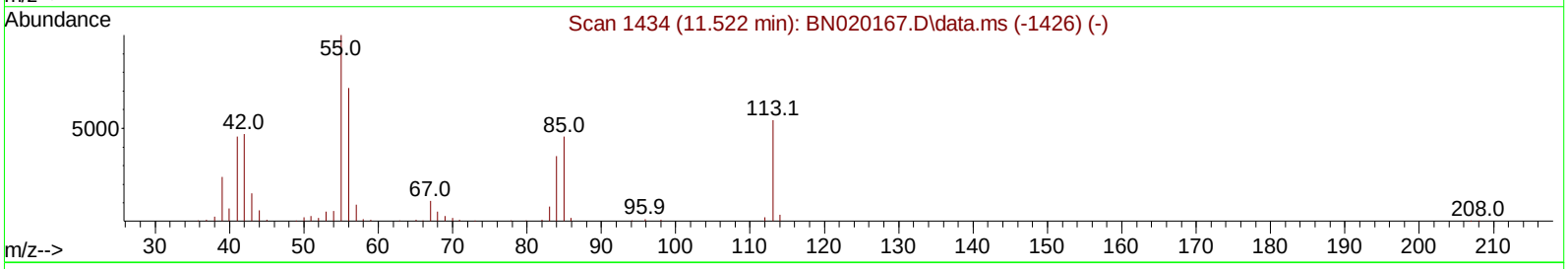

TIC: BN020194.D\data.ms

(34) Caprolactam

11.516min (-0.006) 33.41 ng/ul m

response 127408

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	180.87
56.00	133.10	132.95
0.00	0.00	0.00

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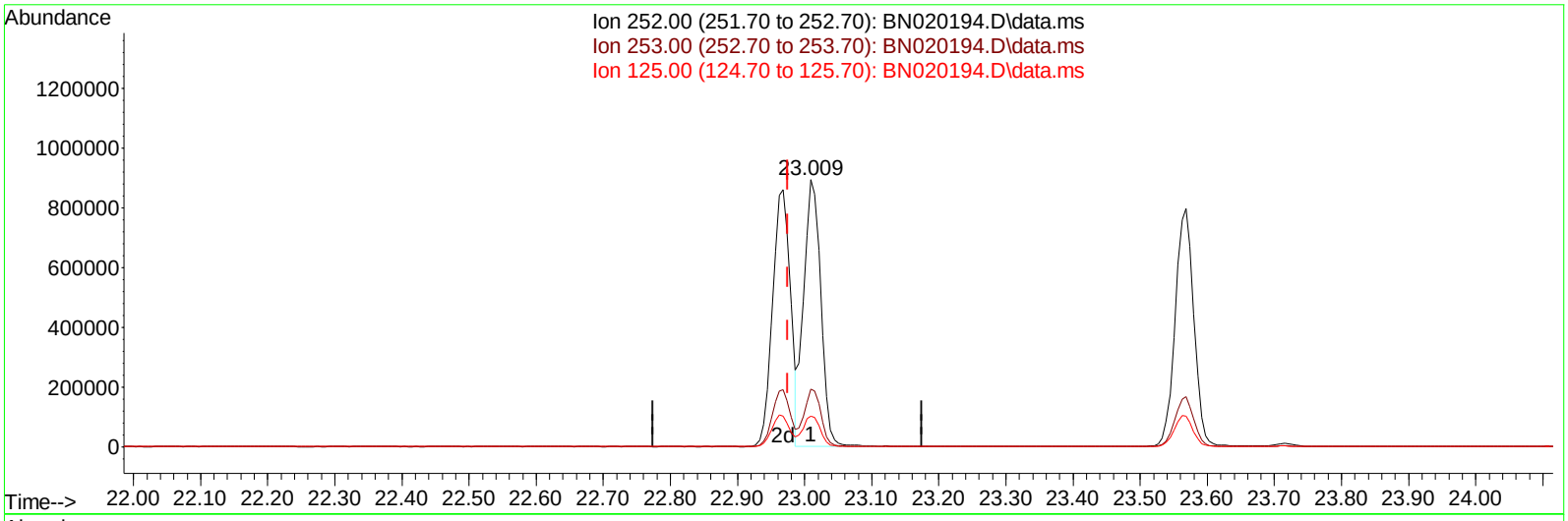

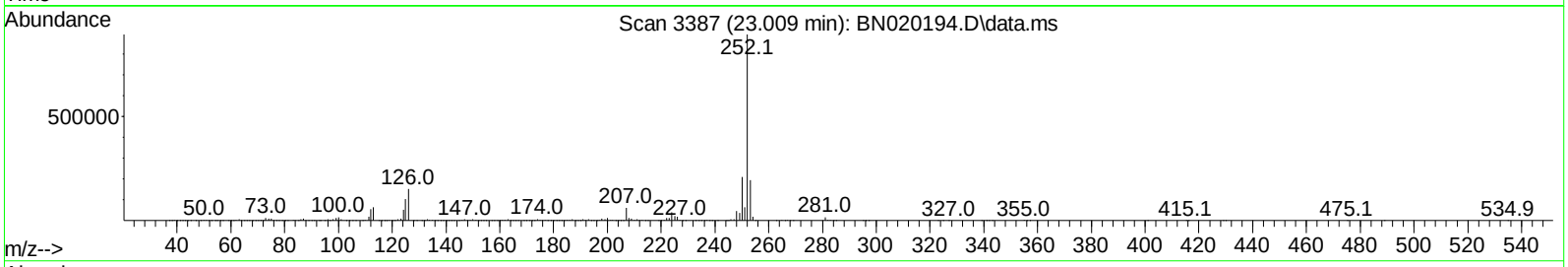

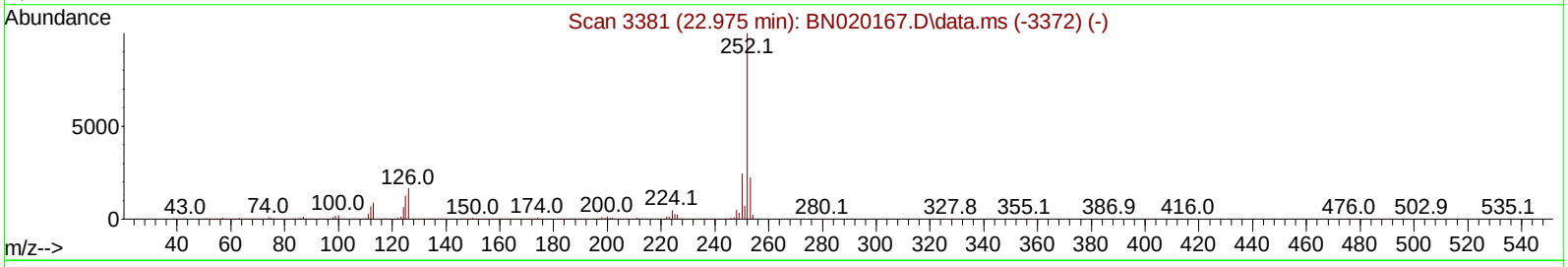

TIC: BN020194.D\data.ms

(90) Benzo(b)fluoranthene

23.009min (+ 0.035) 33.70 ng/ul

response 1593344

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	21.55
125.00	9.80	11.57
0.00	0.00	0.00

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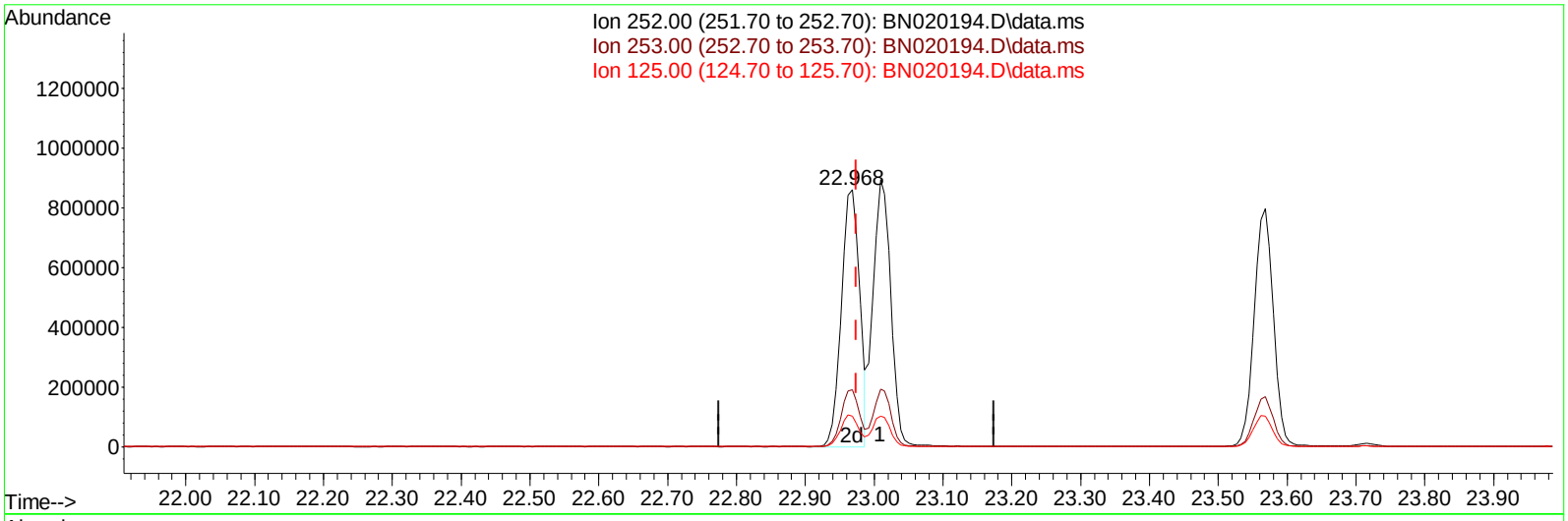

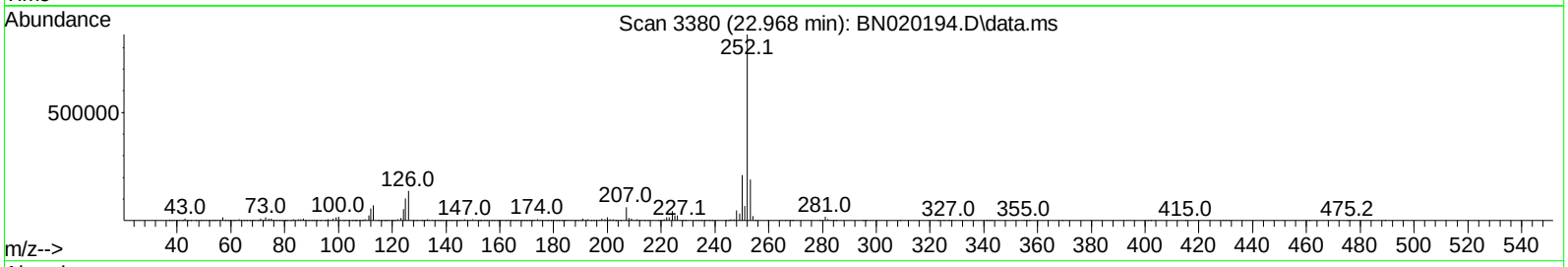

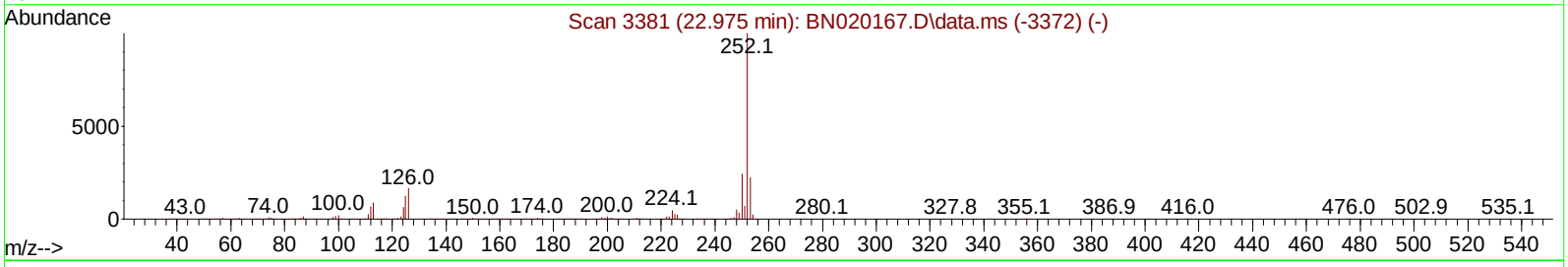

TIC: BN020194.D\data.ms

(90) Benzo(b)fluoranthene

22.968min (-0.006) 33.70 ng/ul m

response 1593269

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	22.14
125.00	9.80	11.80#
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	7.792	152	137623	20.000	ng/ul	0.00
20) Naphthalene-d8	10.586	136	669852	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.427	164	453838	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.163	188	951728	20.000	ng/ul	0.00
79) Chrysene-d12	21.356	240	850765	20.000	ng/ul	0.00
88) Perylene-d12	23.662	264	753334	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	19843	6.245	ng/uL	0.00
4) Pyridine-d5	3.669	84	286663	33.008	ng/ul	0.00
7) Phenol-d5	6.987	99	423674	37.204	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.128	67	246040	34.581	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	339235	36.662	ng/ul	0.01
15) 4-Methylphenol-d8	8.522	113	375020	38.064	ng/ul	0.02
21) Nitrobenzene-d5	8.951	128	176580	34.650	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	200309	37.037	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	355656	37.669	ng/ul	0.01
31) 4-Chloroaniline-d4	10.722	131	509490	33.323	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	1137449	34.445	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	1317897	34.414	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	221172	33.424	ng/ul	0.03
60) Fluorene-d10	15.416	176	943362	34.523	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	212523	38.550	ng/ul	0.00
73) Anthracene-d10	17.268	188	1436796	34.592	ng/ul	0.00
81) Pyrene-d10	19.562	212	1666897	36.141	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.515	264	1330960	36.110	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	39199	11.686	ng/uL	92
5) Pyridine	3.687	79	280214	30.777	ng/ul	94
6) Benzaldehyde	6.934	77	248988	46.402	ng/ul	94
8) Phenol	7.016	94	423645	34.936	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.222	93	313533	33.035	ng/ul	99
12) 2-Chlorophenol	7.369	128	328647	33.980	ng/ul	98
13) 2-Methylphenol	8.257	108	329704	35.367	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.328	45	479444	32.214	ng/ul	97
16) Acetophenone	8.616	105	509766	34.022	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.604	70	257625	33.659	ng/ul	95
18) 4-Methylphenol	8.586	108	366231	35.594	ng/ul	98
19) Hexachloroethane	8.869	117	123512	31.737	ng/ul	88
22) Nitrobenzene	8.992	77	380375	32.192	ng/ul	96
23) Isophorone	9.522	82	746568	32.000	ng/ul	99
25) 2-Nitrophenol	9.704	139	200280	33.513	ng/ul	97
26) 2,4-Dimethylphenol	9.781	107	384931	31.090	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.998	93	452284	31.679	ng/ul	98
29) 2,4-Dichlorophenol	10.251	162	344342	35.258	ng/ul	99
30) Naphthalene	10.633	128	1094855	31.537	ng/ul	100
32) 4-Chloroaniline	10.745	127	479135	31.330	ng/ul	99
33) Hexachlorobutadiene	10.928	225	174117	31.052	ng/ul	98
34) Caprolactam	11.516	113	127408m	33.407	ng/ul	
35) 4-Chloro-3-methylphenol	11.898	107	423874	36.756	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.245	142	762153	32.473	ng/ul	100
37) 1-Methylnaphthalene	12.469	142	786885	32.854	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.622	216	356039	30.760	ng/ul	93
40) Hexachlorocyclopentadiene	12.604	237	170668	24.239	ng/ul	95
41) 2,4,6-Trichlorophenol	12.869	196	270482	33.890	ng/ul	97
42) 2,4,5-Trichlorophenol	12.957	196	300520	33.998	ng/ul	100
43) 1,1'-Biphenyl	13.263	154	1055148	31.398	ng/ul	99
44) 2-Chloronaphthalene	13.298	162	797201	31.270	ng/ul	95
45) 2-Nitroaniline	13.504	65	276285	34.835	ng/ul	97
47) Dimethylphthalate	13.886	163	1046188	31.471	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	226129	34.791	ng/ul	96
50) Acenaphthylene	14.145	152	1335440	31.497	ng/ul	99
51) 3-Nitroaniline	14.333	138	246349	35.852	ng/ul	98
52) Acenaphthene	14.486	153	868699	31.367	ng/ul	98
53) 2,4-Dinitrophenol	14.539	184	140294	33.714	ng/ul	95
55) 4-Nitrophenol	14.680	109	175097	31.000	ng/ul	98
56) Dibenzofuran	14.821	168	1216850	31.187	ng/ul	97
57) 2,4-Dinitrotoluene	14.792	165	341333	35.468	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.057	232	238825	34.419	ng/ul	90
59) Diethylphthalate	15.251	149	1096203	32.029	ng/ul	98
61) Fluorene	15.474	166	963148	31.723	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.468	204	439624	31.442	ng/ul	92
63) 4-Nitroaniline	15.498	138	262540	40.889	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.557	198	195110	34.907	ng/ul	93
67) N-Nitrosodiphenylamine	15.680	169	892302	32.704	ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	277983	33.540	ng/ul	94
69) Hexachlorobenzene	16.480	284	309075	32.441	ng/ul#	90
70) Atrazine	16.639	200	321930	33.817	ng/ul	97
71) Pentachlorophenol	16.827	266	194345	32.752	ng/ul	99
72) Phenanthrene	17.210	178	1618059	32.216	ng/ul	100
74) Anthracene	17.298	178	1620422	32.085	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.227	216	387113	30.375	ng/uL	99
76) Pentachlorobenzene	14.751	250	360946	32.045	ng/uL	96
77) Carbazole	17.574	167	1567521	34.117	ng/ul	97
78) Di-n-butylphthalate	18.139	149	1907974	33.489	ng/ul	99
80) Fluoranthene	19.227	202	1878507	33.723	ng/ul	98
82) Pyrene	19.592	202	1880055	32.898	ng/ul	95
83) Butylbenzylphthalate	20.492	149	923009	35.888	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.268	252	569347	35.038	ng/ul#	99
85) Benzo(a)anthracene	21.339	228	1715511	31.933	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.274	149	1291763	35.597	ng/ul#	97
87) Chrysene	21.392	228	1685009	32.059	ng/ul	99
89) Di-n-octyl phthalate	22.174	149	2363352	38.545	ng/ul	100
90) Benzo(b)fluoranthene	22.968	252	1593269m	33.698	ng/ul	
91) Benzo(k)fluoranthene	23.009	252	1593344	35.401	ng/ul	97
93) Benzo(a)pyrene	23.568	252	1542717	33.708	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.044	276	1525612	32.400	ng/ul	94
95) Dibenzo(a,h)anthracene	26.056	278	1291561	32.113	ng/ul	98
96) Benzo(g,h,i)perylene	26.774	276	1297363	32.627	ng/ul	97

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

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