Quantitation Report (Qedit)

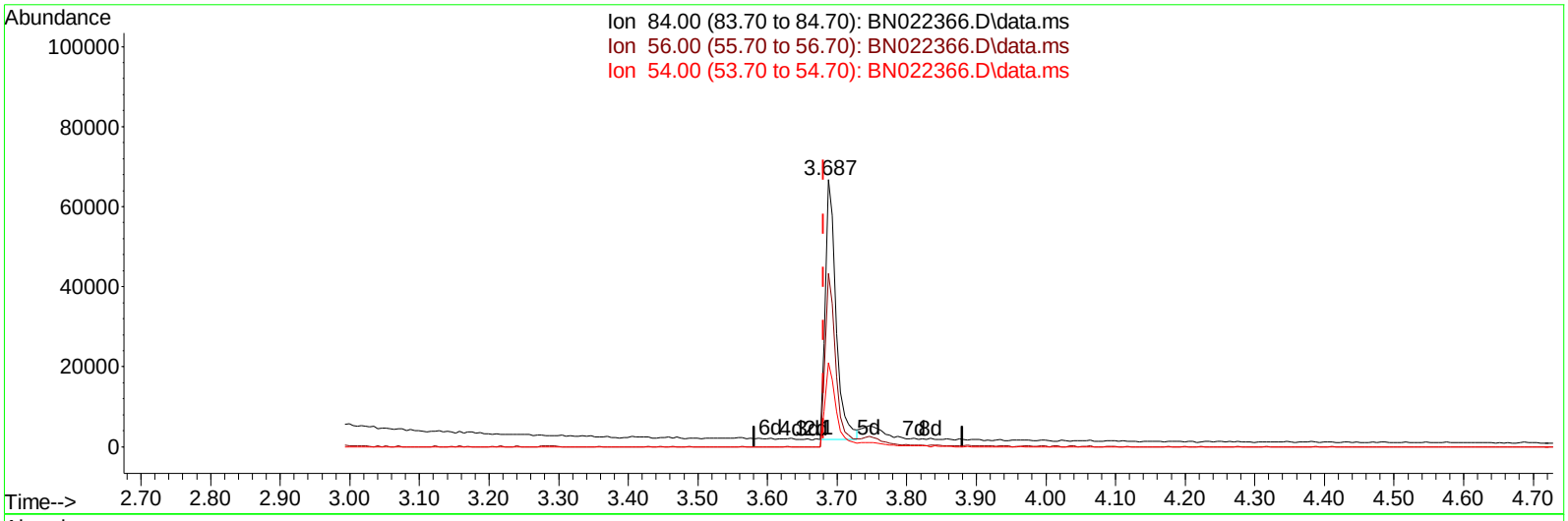
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
Data File : BN022366.D
Acq On : 27 Oct 2022 18:03
Operator : CG/JU
Sample : PB148501BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

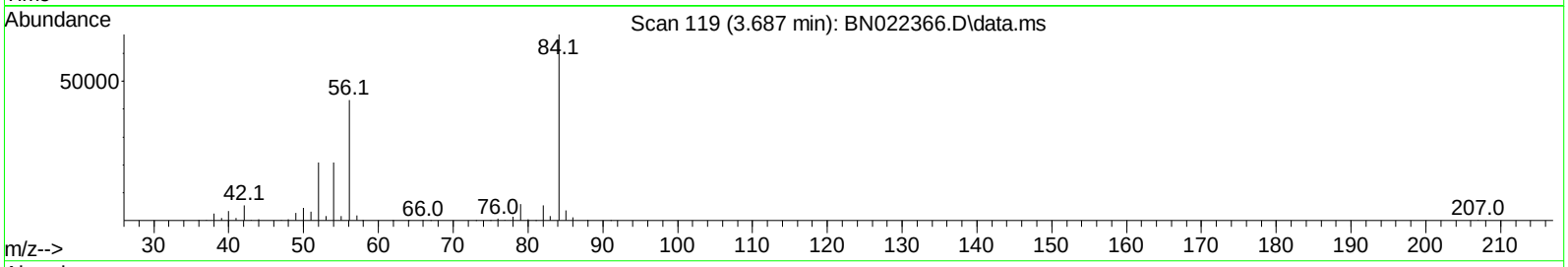
Quant Time: Oct 28 00:36:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 28 00:29:18 2022
Response via : Initial Calibration

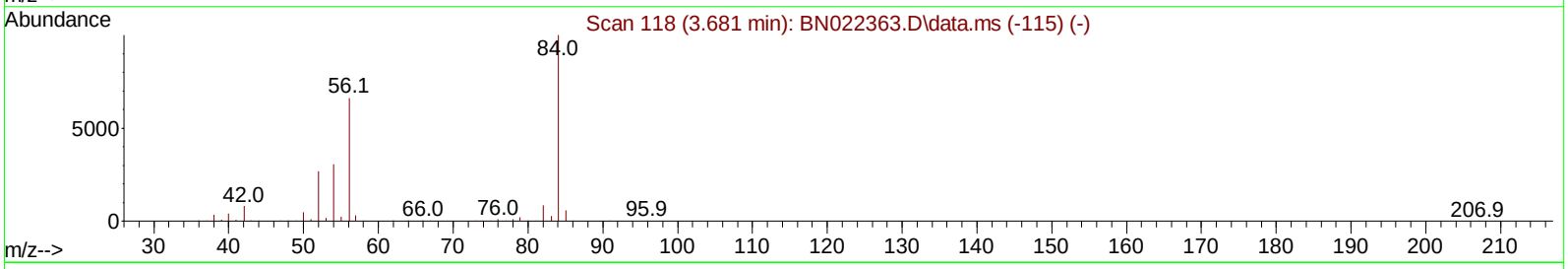
Instrument :
BNA_N
ClientSampleId :
SLCS501

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/28/2022
Supervised By :mohammad ahmed 10/28/2022







TIC: BN022366.D\data.ms

(4) Pyridine-d5 (S)

3.687min (+ 0.006) 4.98 ng/ul

response 69576

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	66.60	65.00
54.00	30.80	31.45
0.00	0.00	0.00

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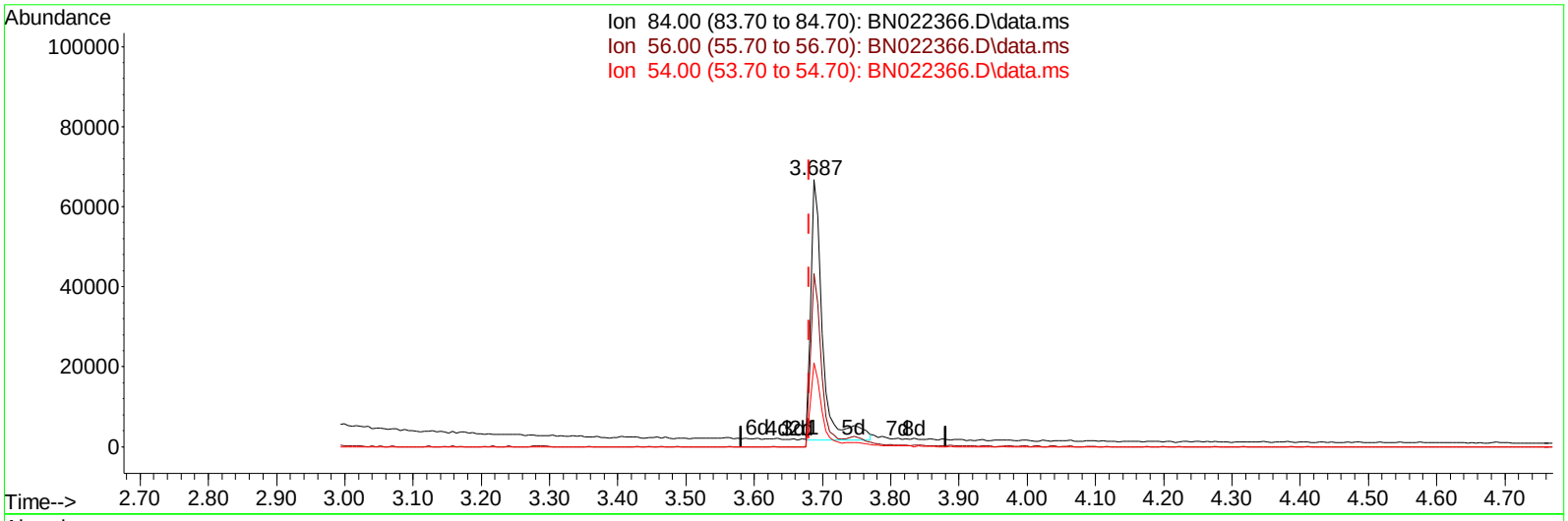

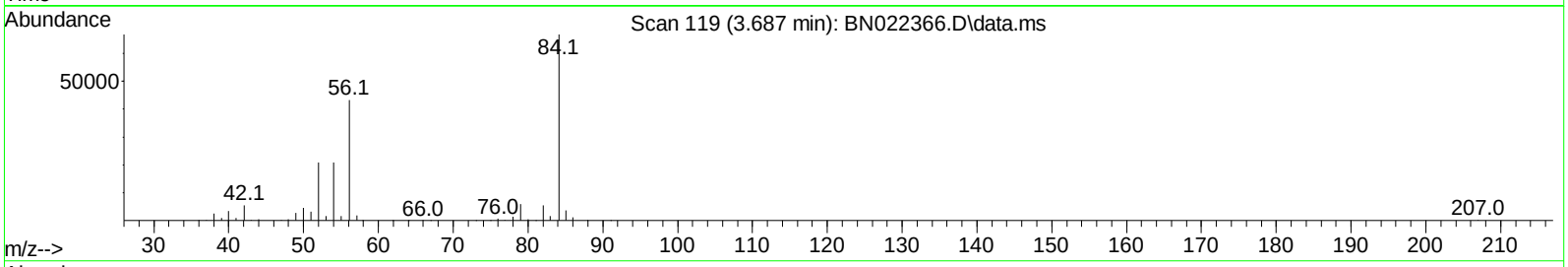

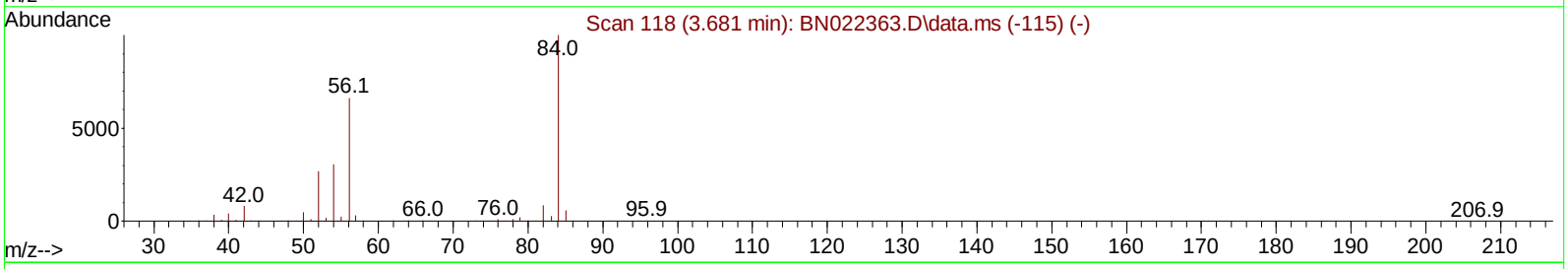

TIC: BN022366.D\data.ms

(4) Pyridine-d5 (S)

3.687min (+ 0.006) 5.51 ng/ul m

response 76905

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	66.60	65.00
54.00	30.80	31.45
0.00	0.00	0.00

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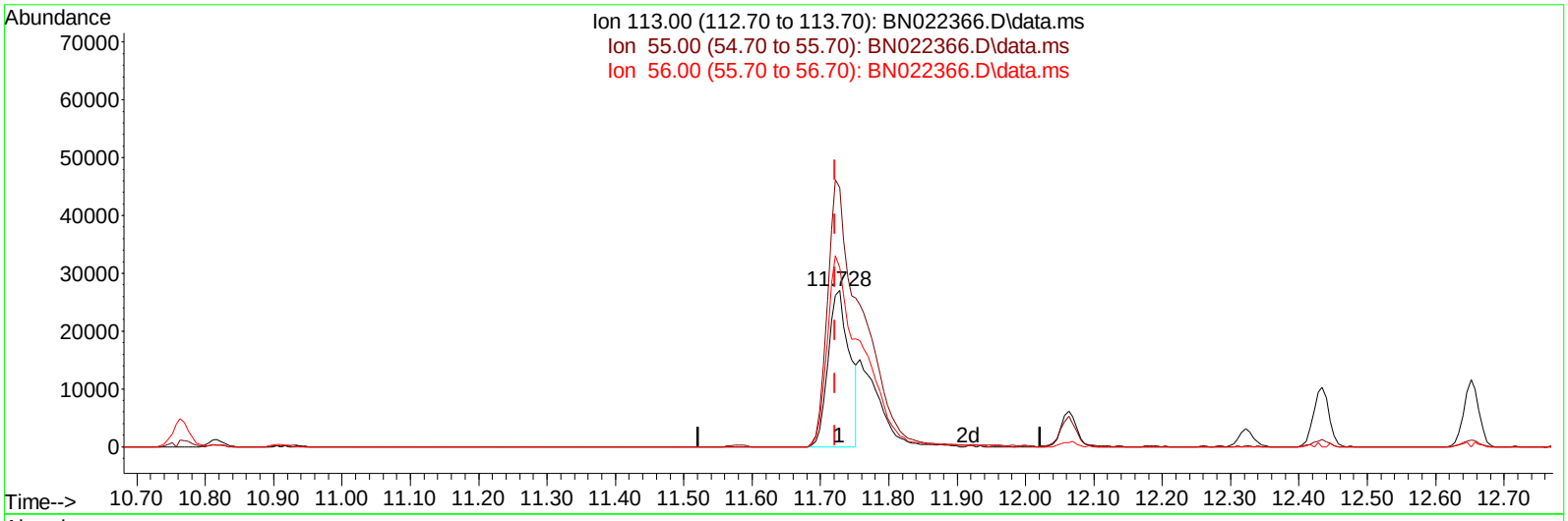

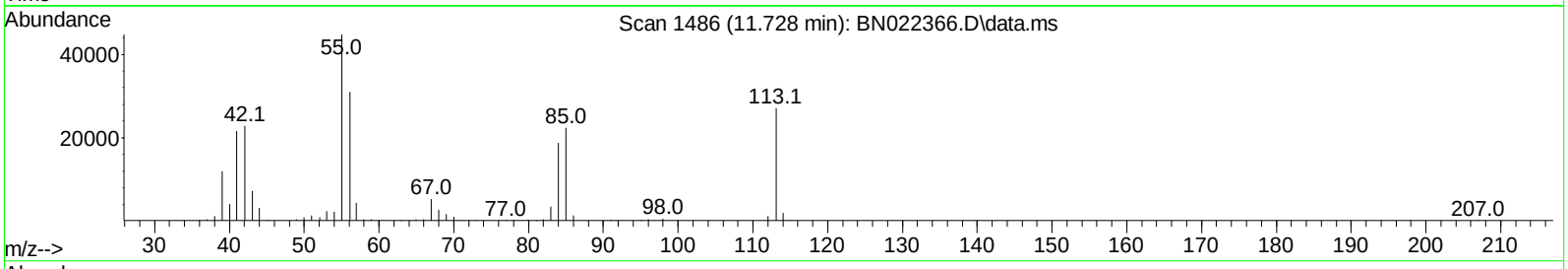

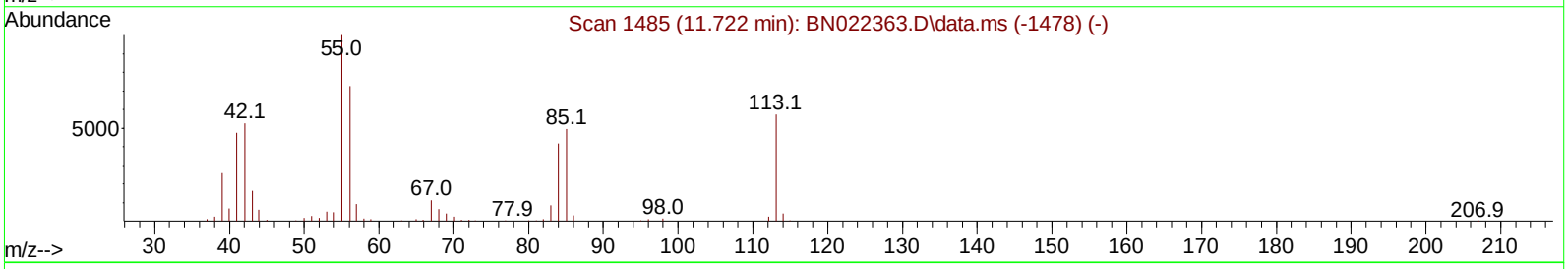

TIC: BN022366.D\data.ms

(34) Caprolactam

11.728min (+ 0.006) 15.37 ng/ul

response 59285

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.40	165.73
56.00	126.70	114.84
0.00	0.00	0.00

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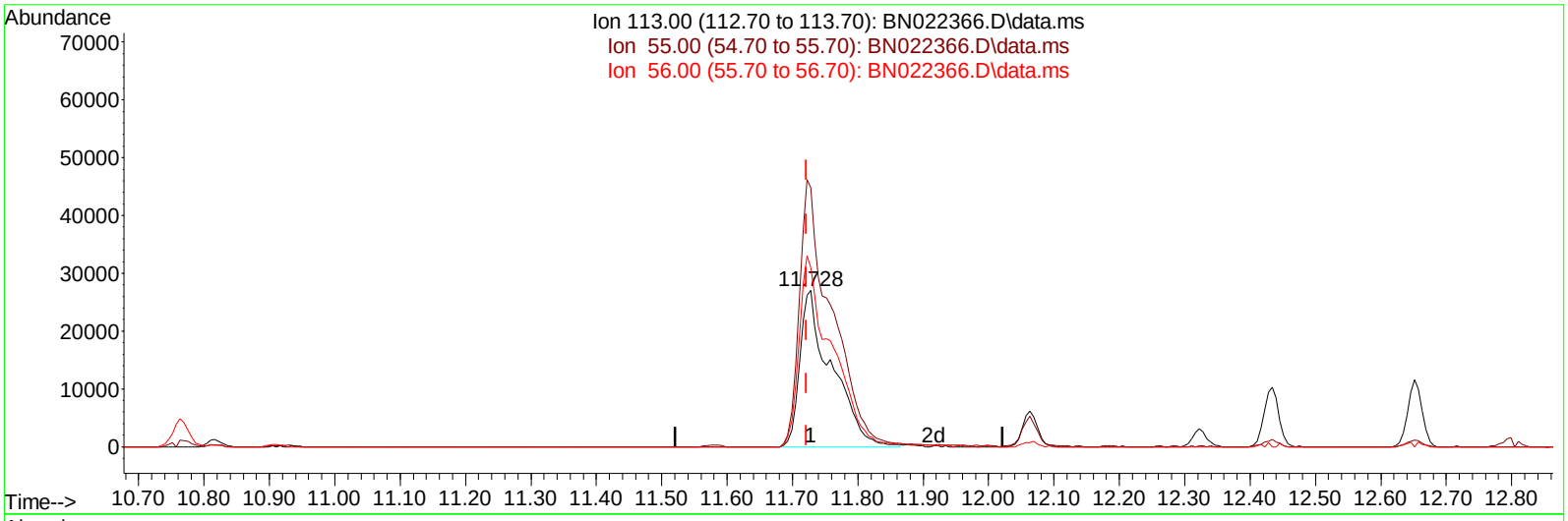

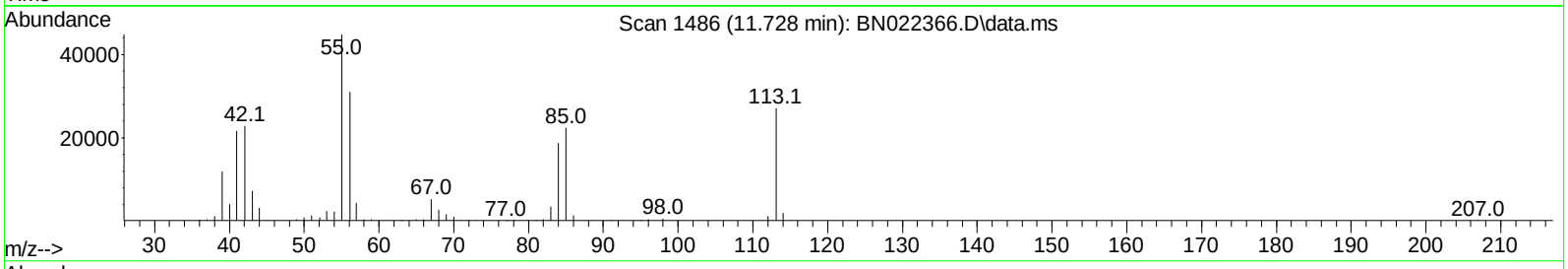

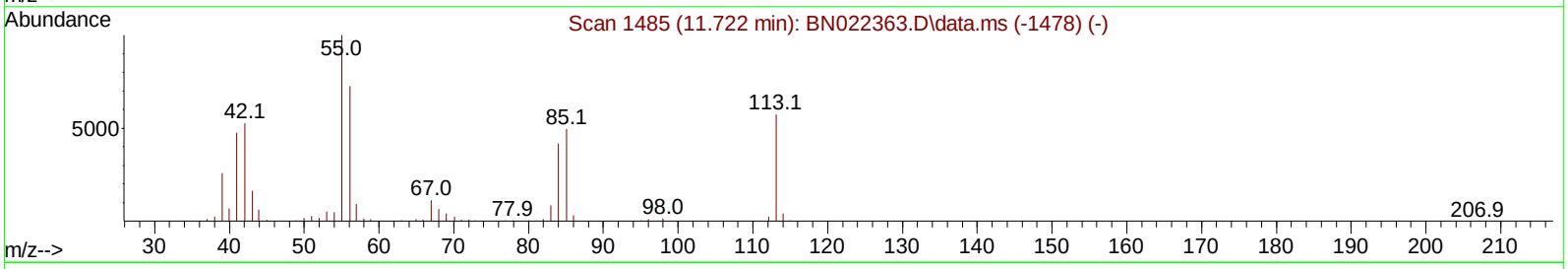

TIC: BN022366.D\data.ms

(34) Caprolactam

11.728min (+ 0.006) 23.75 ng/ul m

response 91591

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.40	165.73
56.00	126.70	114.84
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	7.934	152	170149	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	674698	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	350091	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	614153	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	513920	20.000	ng/ul	0.00
88) Perylene-d12	24.027	264	564224	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	29328	6.533	ng/uL	0.00
4) Pyridine-d5	3.687	84	76905m	5.507	ng/ul	0.00
7) Phenol-d5	7.099	99	489028	29.400	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	301711	28.946	ng/ul	0.00
11) 2-Chlorophenol-d4	7.464	132	374859	32.503	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	357579	27.054	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	175638	35.502	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	189931	37.456	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	317625	33.370	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	56948	3.660	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	773854	31.710	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	950515	34.879	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	151745	29.131	ng/ul	0.00
60) Fluorene-d10	15.604	176	650727	31.613	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.740	200	116208	33.167	ng/ul	0.00
73) Anthracene-d10	17.469	188	928863	34.803	ng/ul	0.00
81) Pyrene-d10	19.769	212	953166	37.252	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.869	264	922839	33.351	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	58449	11.946	ng/uL	97
5) Pyridine	3.705	79	337957	24.395	ng/ul	93
6) Benzaldehyde	7.069	77	253134	30.816	ng/ul	99
8) Phenol	7.122	94	473358	26.811	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.358	93	379555	27.023	ng/ul	99
12) 2-Chlorophenol	7.493	128	366392	28.771	ng/ul	100
13) 2-Methylphenol	8.393	108	345750	26.193	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.481	45	511199	25.434	ng/ul	99
16) Acetophenone	8.775	105	526878	24.950	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.763	70	272786	24.253	ng/ul	97
18) 4-Methylphenol	8.722	108	366940	24.826	ng/ul	95
19) Hexachloroethane	9.022	117	154221	31.018	ng/ul	99
22) Nitrobenzene	9.163	77	414093	31.698	ng/ul	99
23) Isophorone	9.693	82	738874	28.648	ng/ul	100
25) 2-Nitrophenol	9.875	139	196934	32.908	ng/ul	97
26) 2,4-Dimethylphenol	9.940	107	374760	29.702	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.175	93	468146	29.027	ng/ul	99
29) 2,4-Dichlorophenol	10.410	162	302150	30.438	ng/ul	95
30) Naphthalene	10.816	128	1092180	30.218	ng/ul	99
32) 4-Chloroaniline	10.934	127	360190	22.328	ng/ul	98
33) Hexachlorobutadiene	11.093	225	178111	32.700	ng/ul	96
34) Caprolactam	11.728	113	91591m	23.746	ng/ul	
35) 4-Chloro-3-methylphenol	12.063	107	320483	26.779	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.434	142	684107	27.408	ng/ul	96
37) 1-Methylnaphthalene	12.652	142	682350	27.299	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.799	216	317855	34.999	ng/ul	98
40) Hexachlorocyclopentadiene	12.775	237	170475	33.577	ng/ul	88
41) 2,4,6-Trichlorophenol	13.046	196	203353	32.838	ng/ul	92
42) 2,4,5-Trichlorophenol	13.116	196	219443	31.820	ng/ul	98
43) 1,1'-Biphenyl	13.446	154	835449	32.689	ng/ul	96
44) 2-Chloronaphthalene	13.487	162	653174	32.709	ng/ul	95
45) 2-Nitroaniline	13.699	65	202040	32.659	ng/ul	95
47) Dimethylphthalate	14.069	163	756673	28.845	ng/ul	100
48) 2,6-Dinitrotoluene	14.198	165	153715	31.283	ng/ul	98
50) Acenaphthylene	14.334	152	998649	32.088	ng/ul	99
51) 3-Nitroaniline	14.528	138	161049	27.759	ng/ul	100
52) Acenaphthene	14.675	153	684653	31.022	ng/ul	98
53) 2,4-Dinitrophenol	14.740	184	87814	26.382	ng/ul	100
55) 4-Nitrophenol	14.834	109	110274	26.109	ng/ul	97
56) Dibenzofuran	15.010	168	909381	30.196	ng/ul	99
57) 2,4-Dinitrotoluene	14.987	165	216965	30.141	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.240	232	163415	28.473	ng/ul	97
59) Diethylphthalate	15.434	149	749539	28.131	ng/ul	99
61) Fluorene	15.663	166	709930	29.323	ng/ul	88
62) 4-Chlorophenyl-phenyle...	15.657	204	326659	28.795	ng/ul	98
63) 4-Nitroaniline	15.693	138	178990	33.064	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.751	198	116322	30.924	ng/ul	96
67) N-Nitrosodiphenylamine	15.875	169	609521	34.318	ng/ul	97
68) 4-Bromophenyl-phenylether	16.551	248	191079	35.220	ng/ul	94
69) Hexachlorobenzene	16.669	284	214402	32.465	ng/ul	95
70) Atrazine	16.828	200	67023	11.206	ng/ul	97
71) Pentachlorophenol	17.016	266	126326	30.934	ng/ul	94
72) Phenanthrene	17.410	178	1057149	31.909	ng/ul	98
74) Anthracene	17.504	178	1055721	32.082	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	306779	39.714	ng/uL	93
76) Pentachlorobenzene	14.934	250	278097	33.541	ng/uL	93
77) Carbazole	17.775	167	989590	32.513	ng/ul	98
78) Di-n-butylphthalate	18.339	149	1229732	32.600	ng/ul	99
80) Fluoranthene	19.434	202	1100921	34.277	ng/ul	95
82) Pyrene	19.798	202	1136710	33.828	ng/ul	97
83) Butylbenzylphthalate	20.698	149	509428	34.944	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.492	252	314639	28.309	ng/ul	94
85) Benzo(a)anthracene	21.557	228	1044397	31.804	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.475	149	751106	35.621	ng/ul	98
87) Chrysene	21.610	228	999229	31.664	ng/ul	99
89) Di-n-octyl phthalate	22.416	149	1227499	30.706	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	1130999	31.782	ng/ul	99
91) Benzo(k)fluoranthene	23.327	252	1076731	30.626	ng/ul	99
93) Benzo(a)pyrene	23.927	252	999862	31.437	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.621	276	1330445	33.468	ng/ul	96
95) Dibenzo(a,h)anthracene	26.639	278	1157774	32.553	ng/ul	98
96) Benzo(g,h,i)perylene	27.415	276	1145547	32.030	ng/ul	99

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

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