Quantitation Report (Qedit)

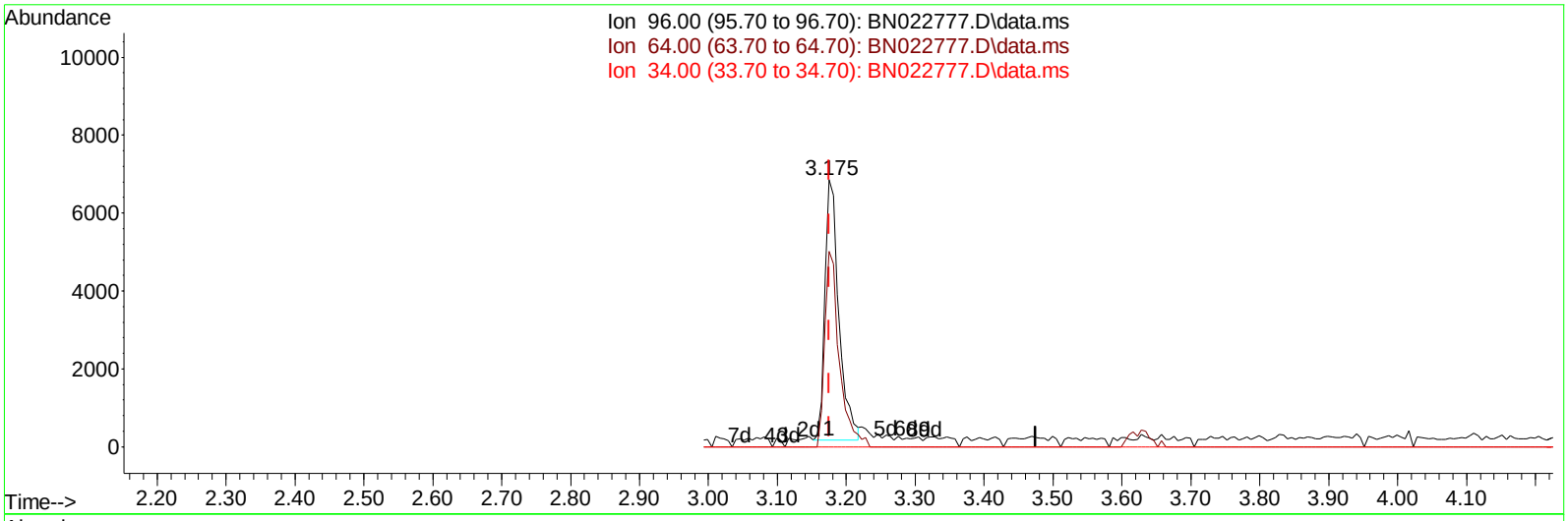
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111722\
Data File : BN022777.D
Acq On : 19 Nov 2022 04:06
Operator : CG/JU
Sample : PB149169BS
Misc :
ALS Vial : 67 Sample Multiplier: 1

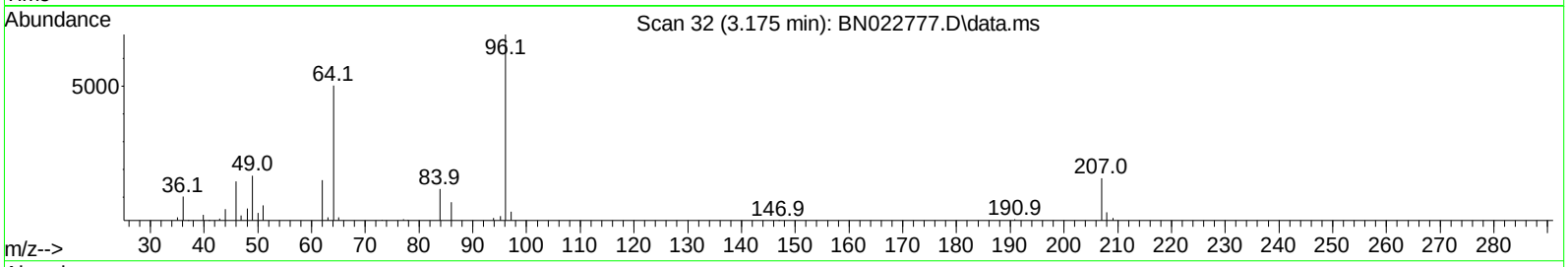
Quant Time: Nov 19 04:37:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 18 05:17:17 2022
Response via : Initial Calibration

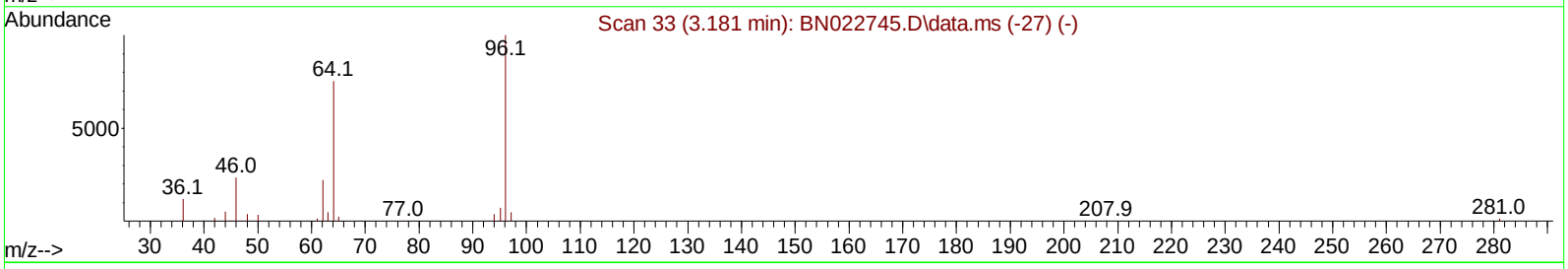
Instrument :
BNA_N
ClientSampleId :
SLCS169

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/21/2022
Supervised By :mohammad ahmed 11/21/2022







TIC: BN022777.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.175min (-0.000) 5.27 ng/uL

response 9489

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.50	73.33
34.00	0.00	0.00
0.00	0.00	0.00

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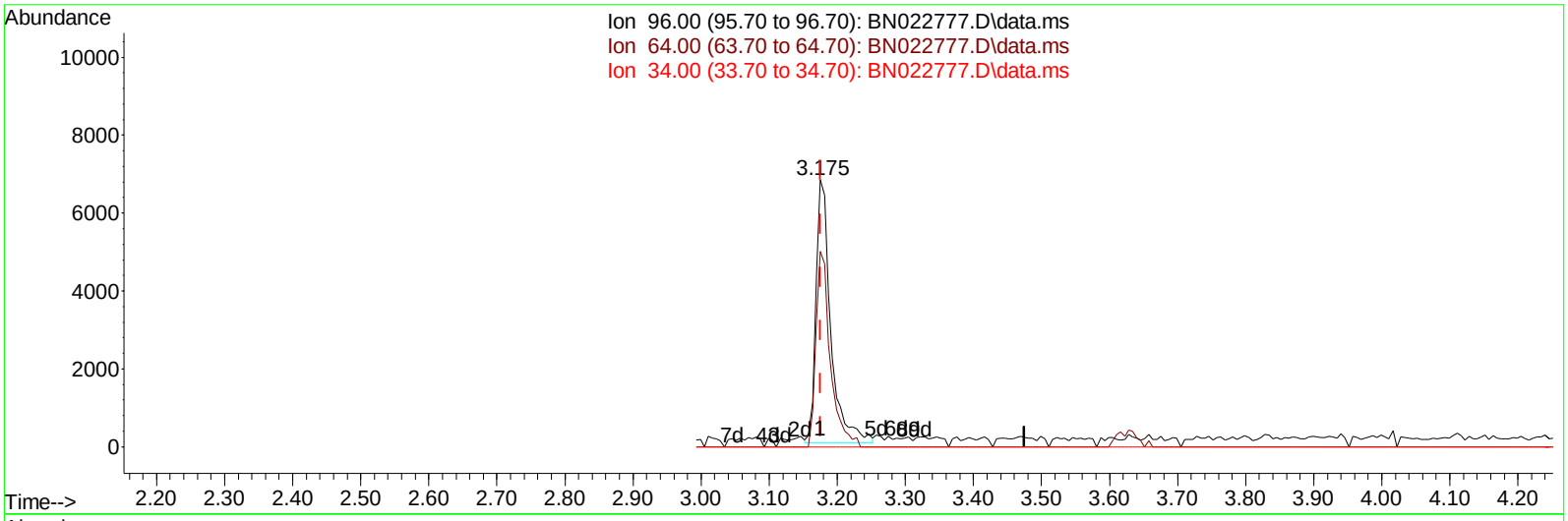

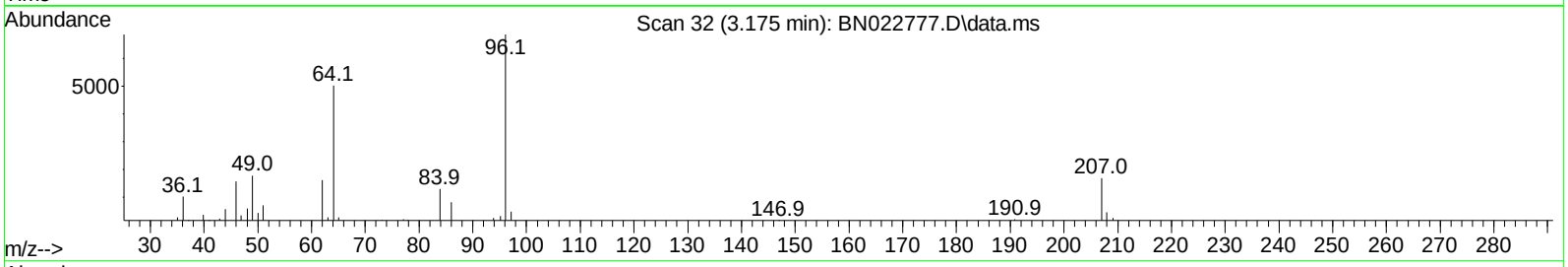

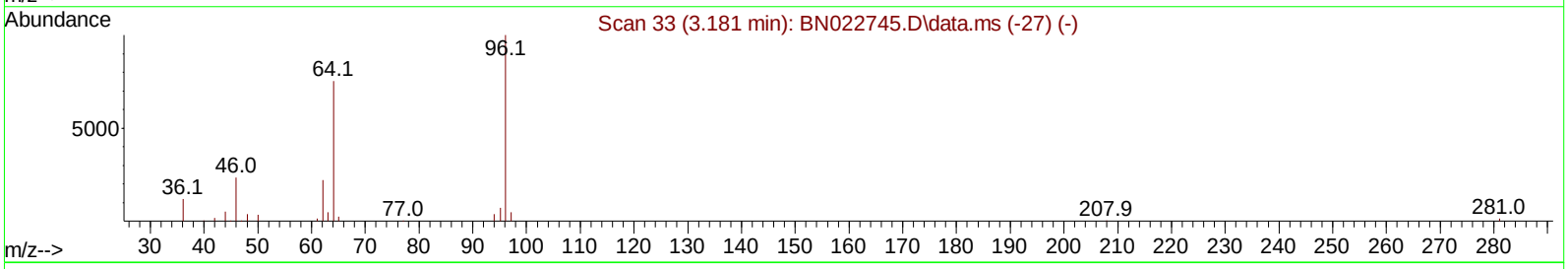

TIC: BN022777.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.175min (-0.000) 5.67 ng/uL m

response 10226

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.50	73.33
34.00	0.00	0.00
0.00	0.00	0.00

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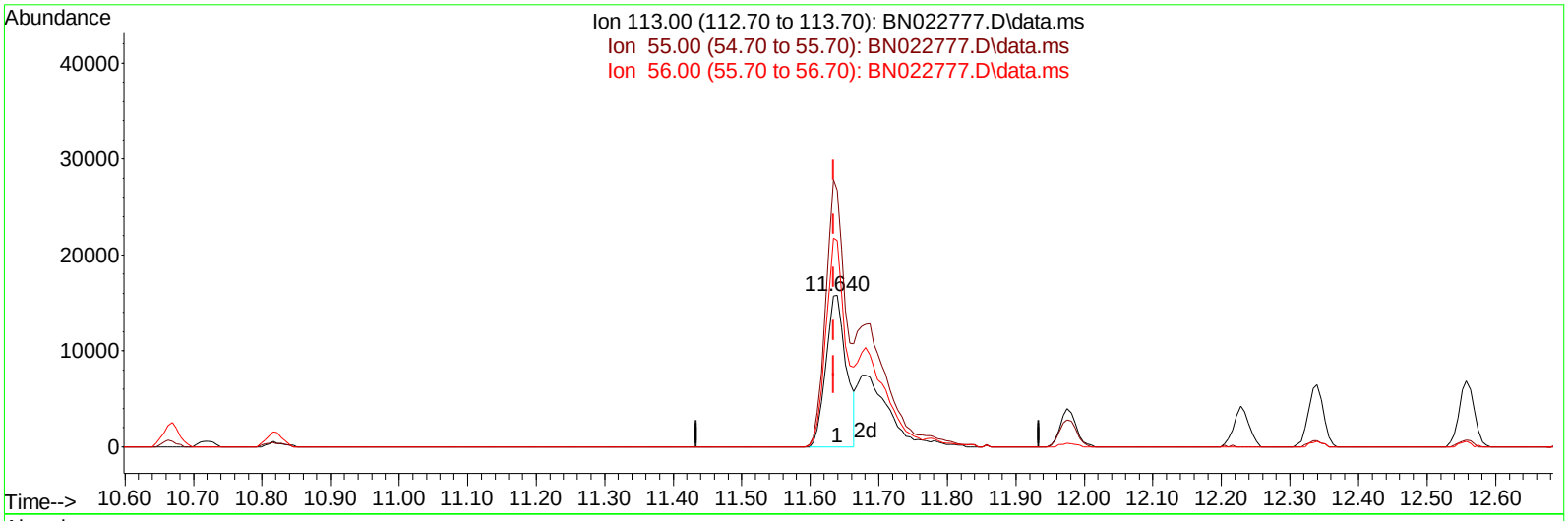

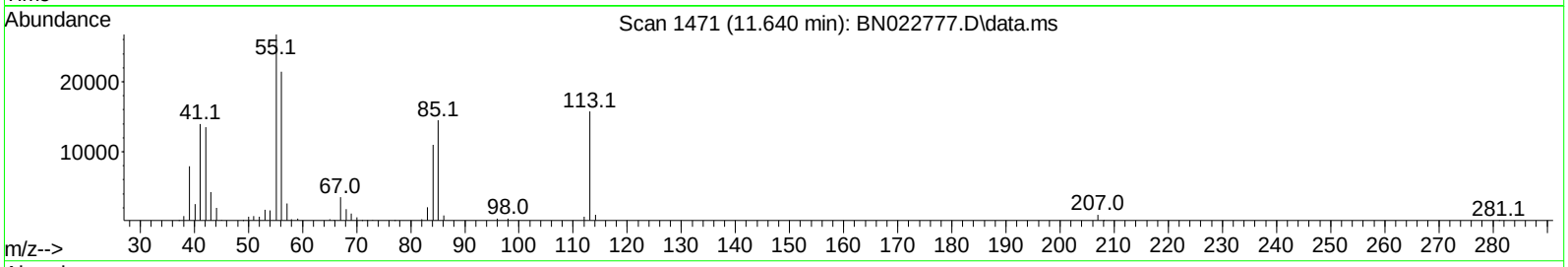

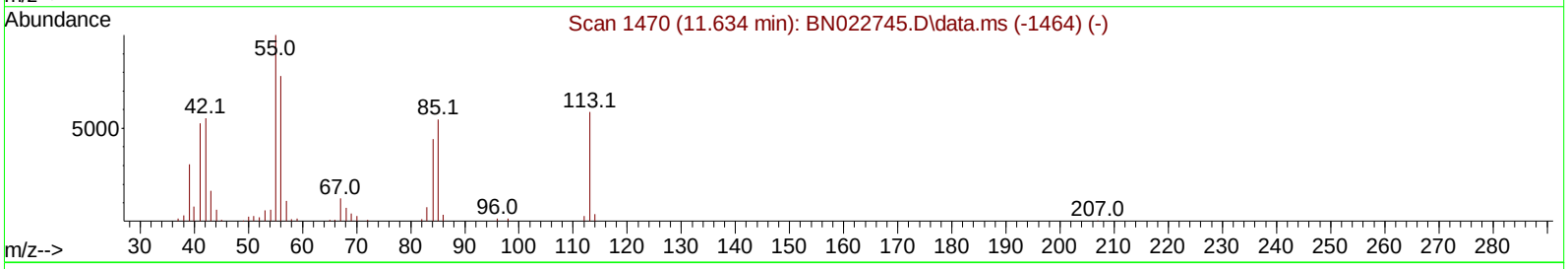

TIC: BN022777.D\data.ms

(34) Caprolactam

11.640min (+ 0.006) 19.19 ng/ul

response 32572

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.30	169.92
56.00	129.70	136.29
0.00	0.00	0.00

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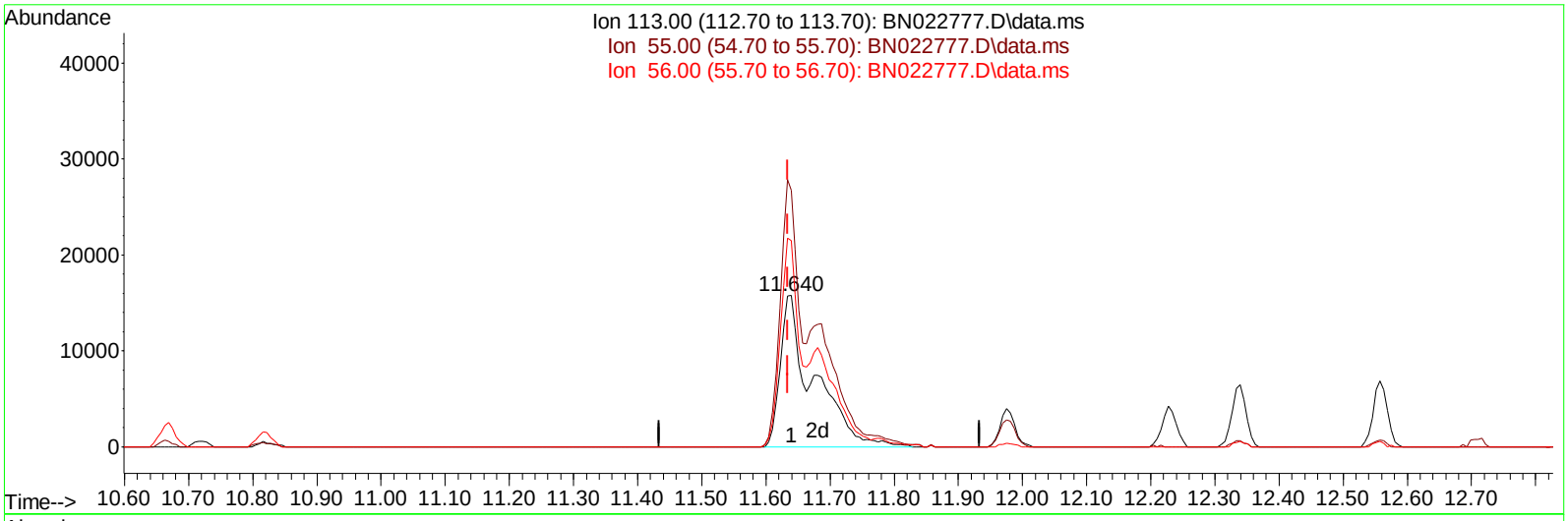

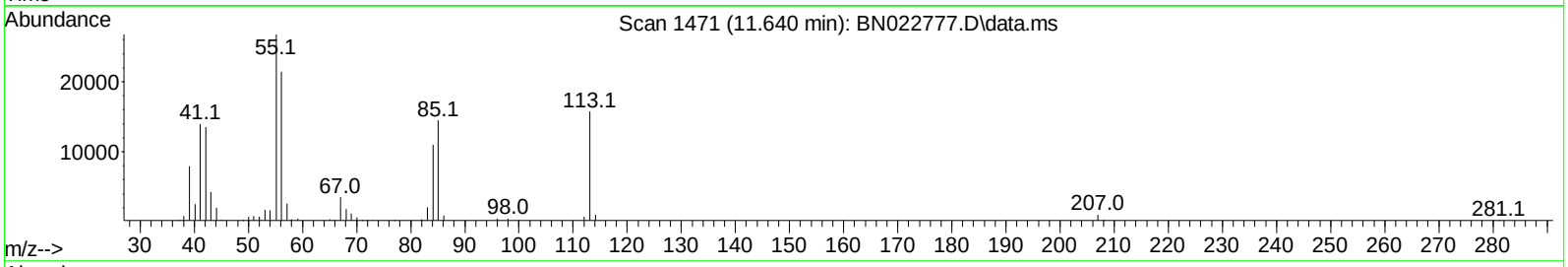

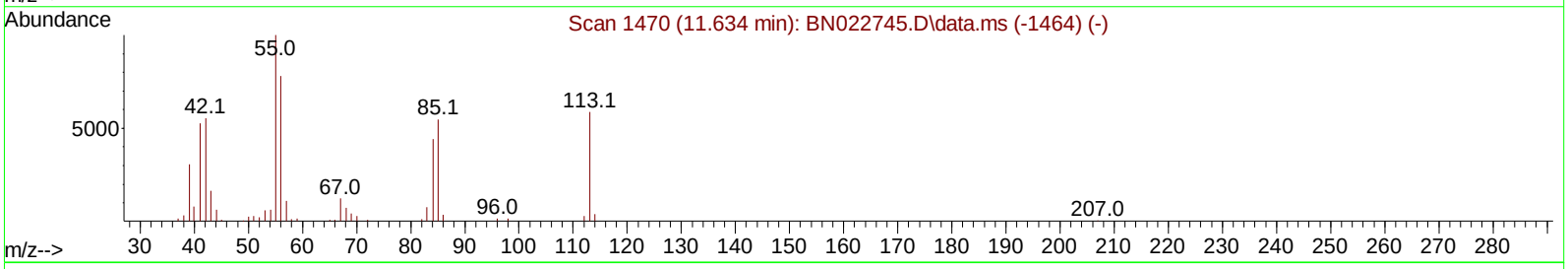

TIC: BN022777.D\data.ms

(34) Caprolactam

11.640min (+ 0.006) 33.41 ng/ul m

response 56724

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.30	169.92
56.00	129.70	136.29
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	7.852	152	61523	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	299024	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	197703	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.275	188	406051	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	407824	20.000	ng/ul	0.00
88) Perylene-d12	23.874	264	413409	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	10226m	5.675	ng/uL	0.00
4) Pyridine-d5	3.611	84	141216	27.711	ng/ul	0.00
7) Phenol-d5	7.016	99	199449	34.324	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	123656	35.493	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	143427	33.705	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	162470	35.417	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	77309	33.401	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	86715	33.577	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	150784	34.247	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	206786	30.834	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	497574	34.602	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	543072	34.275	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	98722	34.437	ng/ul	0.00
60) Fluorene-d10	15.516	176	415333	35.216	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	85991	33.318	ng/ul	0.00
73) Anthracene-d10	17.375	188	636083	35.775	ng/ul	0.00
81) Pyrene-d10	19.680	212	706767	33.441	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.721	264	721232	34.705	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	20717	10.803	ng/uL#	94
5) Pyridine	3.634	79	144381	28.574	ng/ul	100
6) Benzaldehyde	6.987	77	114825	39.058	ng/ul	97
8) Phenol	7.046	94	195845	32.361	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.275	93	153160	32.478	ng/ul	97
12) 2-Chlorophenol	7.410	128	147724	32.511	ng/ul	99
13) 2-Methylphenol	8.304	108	148150	32.888	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.393	45	216665	34.806	ng/ul	99
16) Acetophenone	8.693	105	250679	34.238	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.675	70	140068	35.895	ng/ul	98
18) 4-Methylphenol	8.640	108	167030	34.148	ng/ul	99
19) Hexachloroethane	8.928	117	61395	31.913	ng/ul	97
22) Nitrobenzene	9.075	77	201226	32.089	ng/ul	99
23) Isophorone	9.599	82	392898	32.755	ng/ul	99
25) 2-Nitrophenol	9.787	139	91445	32.206	ng/ul	97
26) 2,4-Dimethylphenol	9.846	107	194763	31.977	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.087	93	225544	32.606	ng/ul	99
29) 2,4-Dichlorophenol	10.322	162	146089	32.646	ng/ul	99
30) Naphthalene	10.722	128	503306	31.712	ng/ul	99
32) 4-Chloroaniline	10.840	127	201896	28.827	ng/ul	98
33) Hexachlorobutadiene	10.993	225	89084	32.342	ng/ul	98
34) Caprolactam	11.640	113	56724m	33.413	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	197872	33.904	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.340	142	358264	33.135	ng/ul	99
37) 1-Methylnaphthalene	12.557	142	353778	32.641	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.704	216	166846	31.441	ng/ul	100
40) Hexachlorocyclopentadiene	12.675	237	83789	27.044	ng/ul	95
41) 2,4,6-Trichlorophenol	12.957	196	118762	31.521	ng/ul	99
42) 2,4,5-Trichlorophenol	13.028	196	130513	32.711	ng/ul	98
43) 1,1'-Biphenyl	13.357	154	463948	31.970	ng/ul	98
44) 2-Chloronaphthalene	13.398	162	358657	31.717	ng/ul	98
45) 2-Nitroaniline	13.616	65	137153	33.398	ng/ul	98
47) Dimethylphthalate	13.987	163	491615	32.527	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	101471	33.166	ng/ul	98
50) Acenaphthylene	14.245	152	584822	33.040	ng/ul	99
51) 3-Nitroaniline	14.445	138	103408	31.390	ng/ul	96
52) Acenaphthene	14.586	153	408535	32.531	ng/ul	98
53) 2,4-Dinitrophenol	14.657	184	60982	28.521	ng/ul	97
55) 4-Nitrophenol	14.757	109	92286	32.477	ng/ul	98
56) Dibenzofuran	14.922	168	546649	32.944	ng/ul	98
57) 2,4-Dinitrotoluene	14.904	165	152699	34.273	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.151	232	114323	33.456	ng/ul	98
59) Diethylphthalate	15.351	149	534831	33.386	ng/ul	99
61) Fluorene	15.575	166	469858	33.907	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.569	204	218235	33.411	ng/ul	99
63) 4-Nitroaniline	15.610	138	106181	36.143	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.669	198	84800	31.787	ng/ul	98
67) N-Nitrosodiphenylamine	15.786	169	400437	32.938	ng/ul	98
68) 4-Bromophenyl-phenylether	16.463	248	132728	33.194	ng/ul	96
69) Hexachlorobenzene	16.575	284	156660	33.516	ng/ul	98
70) Atrazine	16.745	200	147340	34.000	ng/ul	94
71) Pentachlorophenol	16.928	266	98512	33.172	ng/ul	98
72) Phenanthrene	17.322	178	735854	33.622	ng/ul	96
74) Anthracene	17.410	178	744006	33.561	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.316	216	167538	31.288	ng/uL	94
76) Pentachlorobenzene	14.839	250	169287	29.293	ng/uL	99
77) Carbazole	17.692	167	685905	33.300	ng/ul	97
78) Di-n-butylphthalate	18.251	149	938378	32.011	ng/ul	100
80) Fluoranthene	19.345	202	841976	31.920	ng/ul	99
82) Pyrene	19.710	202	882399	32.656	ng/ul	99
83) Butylbenzylphthalate	20.610	149	446506	32.463	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.404	252	297943	33.111	ng/ul	96
85) Benzo(a)anthracene	21.468	228	862899	32.041	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.386	149	670405	33.023	ng/ul	99
87) Chrysene	21.521	228	796436	31.228	ng/ul	99
89) Di-n-octyl phthalate	22.310	149	1162949	31.986	ng/ul	100
90) Benzo(b)fluoranthene	23.145	252	896321	31.993	ng/ul	98
91) Benzo(k)fluoranthene	23.192	252	853298	32.087	ng/ul	94
93) Benzo(a)pyrene	23.768	252	771079	32.470	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.392	276	949959	35.174	ng/ul	99
95) Dibenzo(a,h)anthracene	26.404	278	829777	34.279	ng/ul	98
96) Benzo(g,h,i)perylene	27.156	276	776587	32.979	ng/ul	100

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

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