Quantitation Report (Qedit)

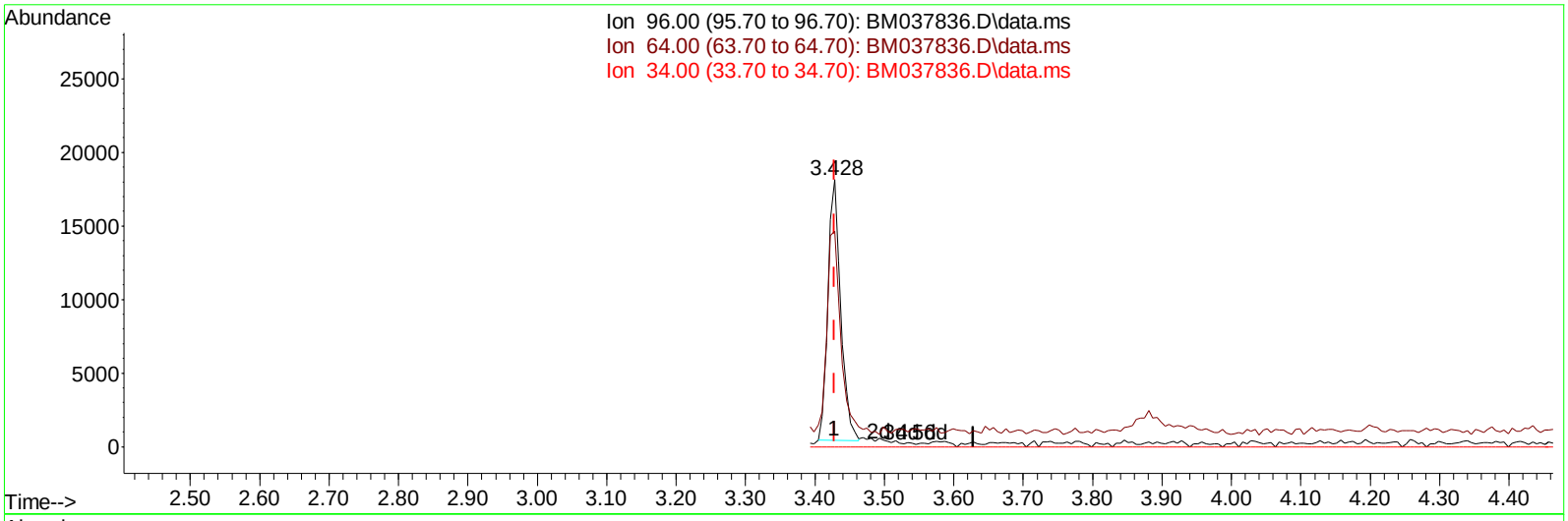
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
Data File : BM037836.D
Acq On : 02 Dec 2022 19:32
Operator : CG/JU
Sample : PB149301BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

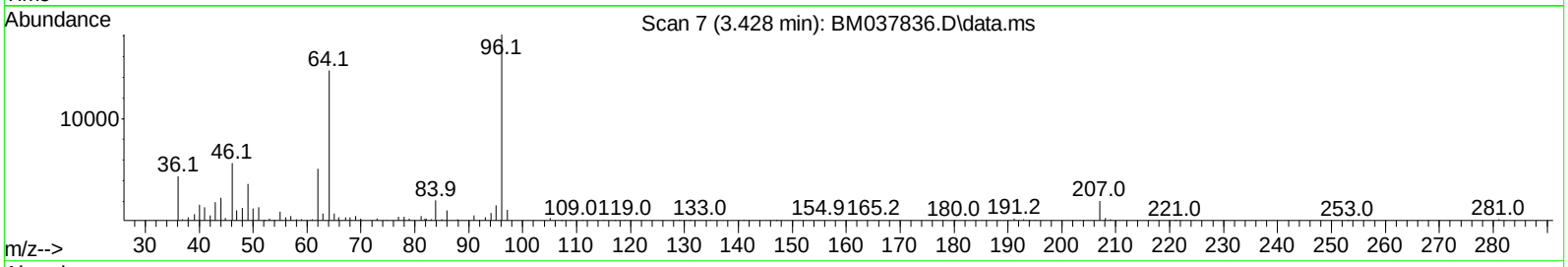
Quant Time: Dec 02 21:49:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 01:14:59 2022
Response via : Initial Calibration

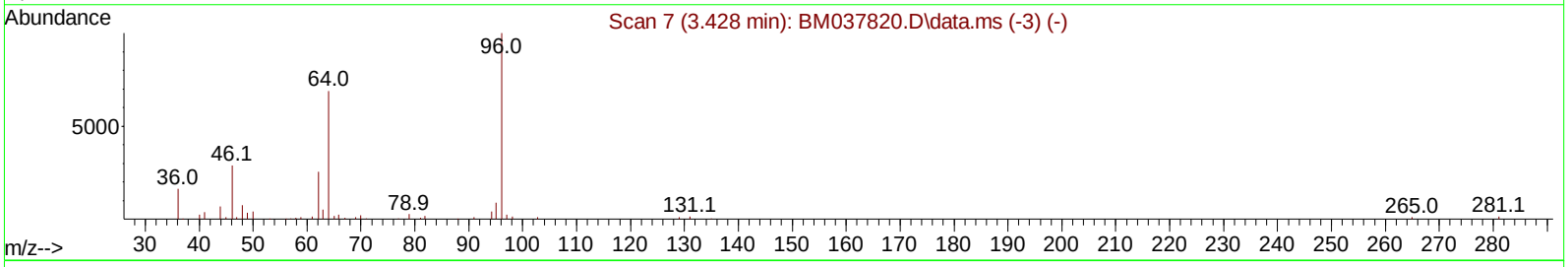
Instrument :
BNA_M
ClientSampleId :
SLCS301

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022







TIC: BM037836.D\data.ms

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

3.428min (0.000) 4.81 ng/uL

response 22897

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	82.40	80.82
34.00	0.00	0.00
0.00	0.00	0.00

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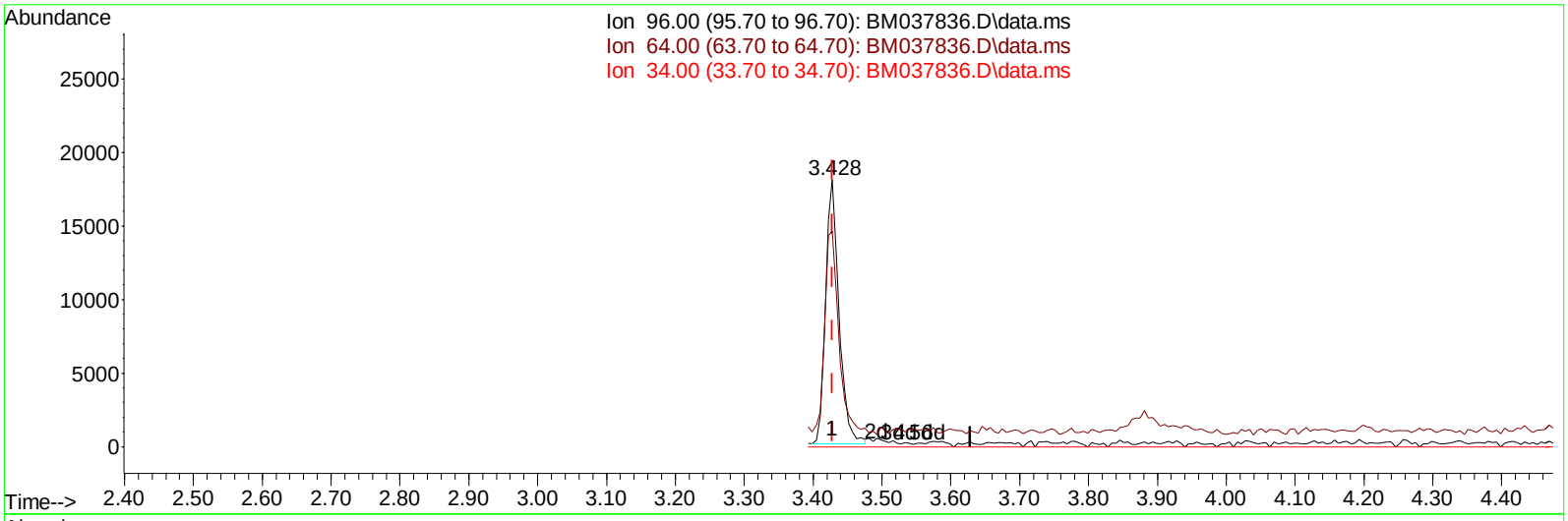

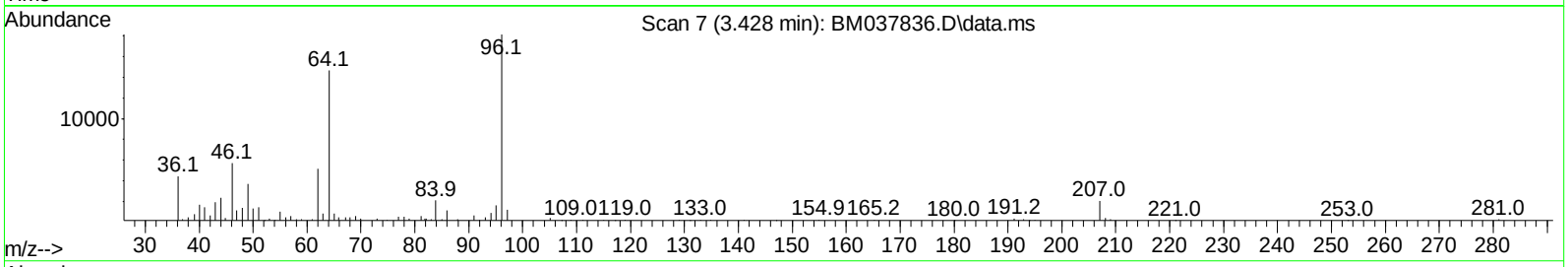

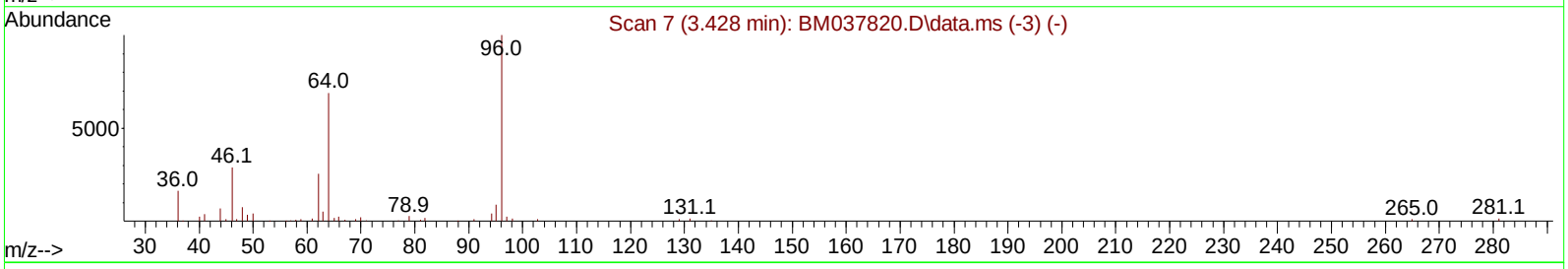

TIC: BM037836.D\data.ms

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

3.428min (0.000) 5.07 ng/uL m

response 24125

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	82.40	80.82
34.00	0.00	0.00
0.00	0.00	0.00

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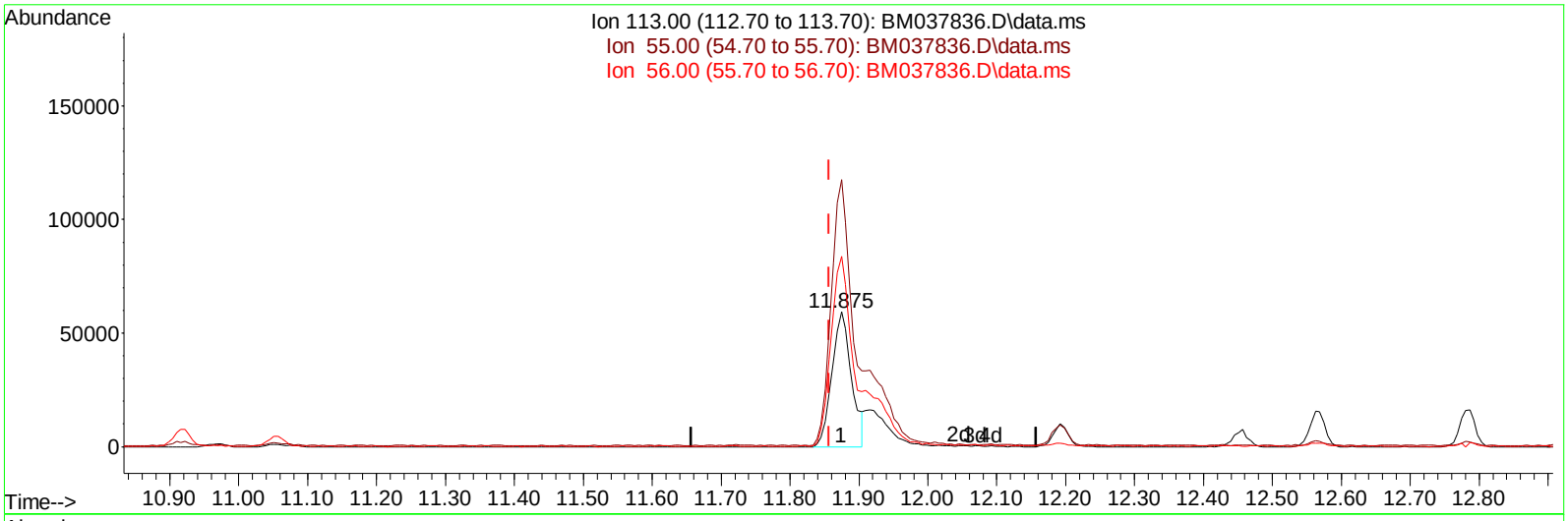

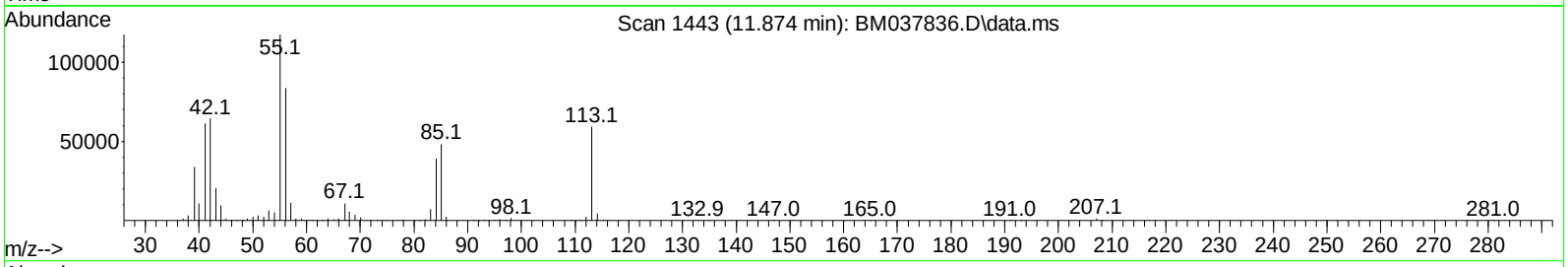

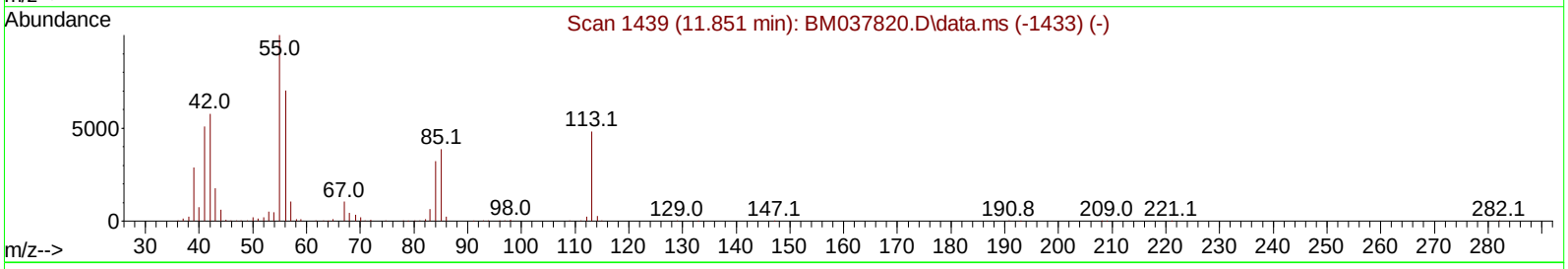

TIC: BM037836.D\data.ms

(34) Caprolactam

11.874min (+ 0.017) 19.88 ng/ul

response 116194

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	232.70	198.04
56.00	149.80	141.06
0.00	0.00	0.00

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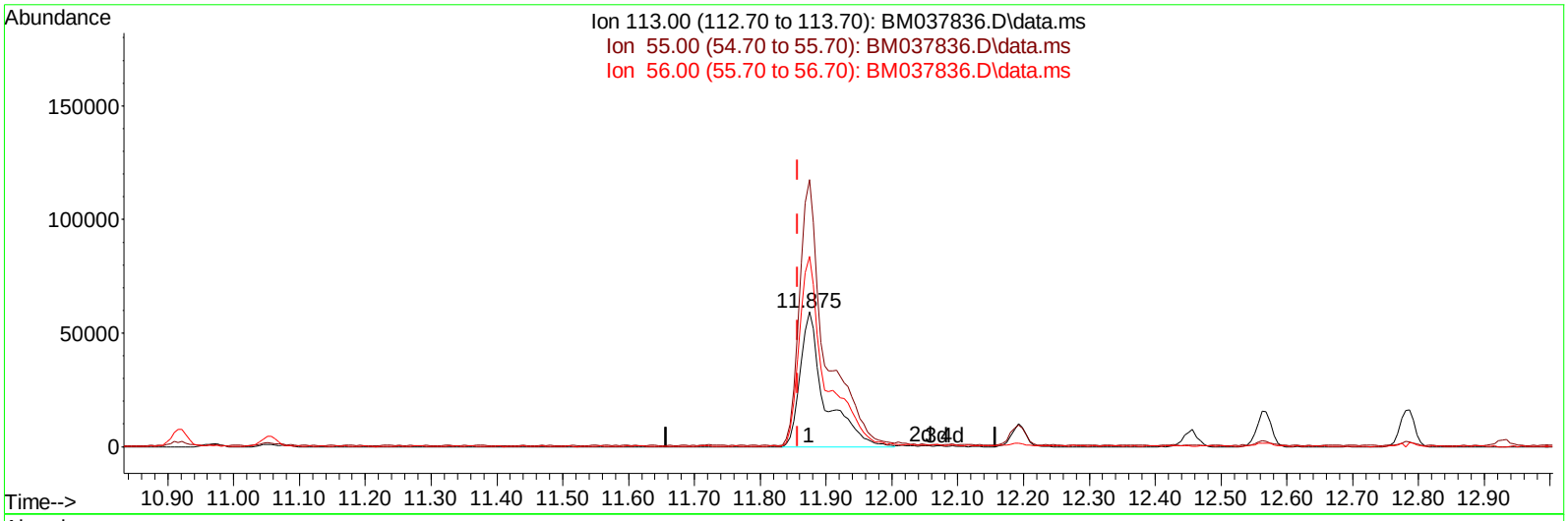

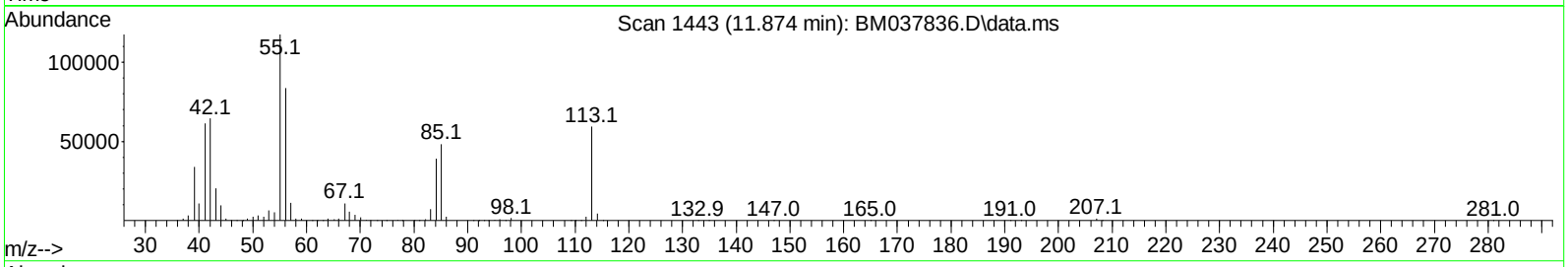

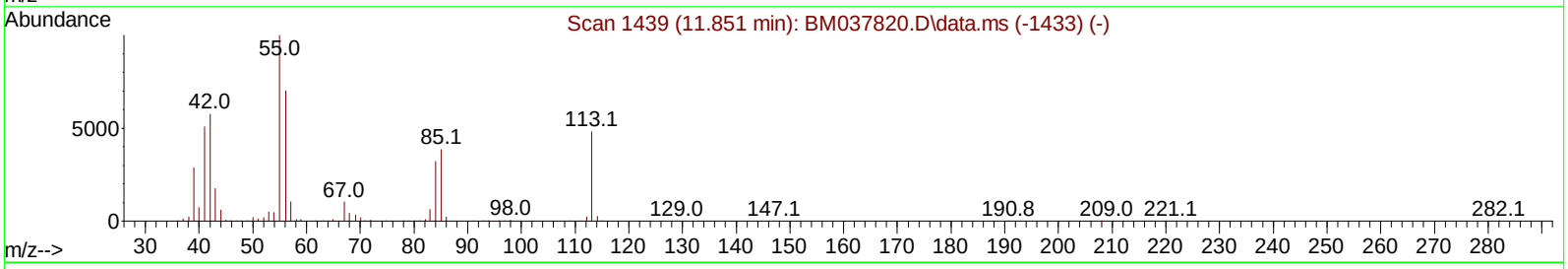

TIC: BM037836.D\data.ms

(34) Caprolactam

11.874min (+ 0.017) 26.69 ng/ul m

response 156008

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	232.70	198.04
56.00	149.80	141.06
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	8.092	152	223184	20.000	ng/ul	0.00
20) Naphthalene-d8	10.916	136	1043903	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.727	164	699669	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.462	188	1461141	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	1236672	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	936110	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	24125m	5.071	ng/uL	0.00
4) Pyridine-d5	3.863	84	355438	23.102	ng/ul	0.00
7) Phenol-d5	7.251	99	542959	27.003	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	320317	27.305	ng/ul	0.00
11) 2-Chlorophenol-d4	7.622	132	432982	28.480	ng/ul	0.00
15) 4-Methylphenol-d8	8.810	113	436714	27.311	ng/ul	0.00
21) Nitrobenzene-d5	9.269	128	228279	27.529	ng/ul	0.00
24) 2-Nitrophenol-d4	9.992	143	252295	29.402	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.533	165	464170	29.168	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	598226	24.508	ng/ul	0.00
46) Dimethylphthalate-d6	14.133	166	1359160	28.289	ng/ul	0.00
49) Acenaphthylene-d8	14.421	160	1618375	27.697	ng/ul	0.00
54) 4-Nitrophenol-d4	14.921	143	269149	26.990	ng/ul	0.01
60) Fluorene-d10	15.710	176	1216183	27.902	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.827	200	233770	30.372	ng/ul	0.00
73) Anthracene-d10	17.562	188	1898598	28.255	ng/ul	0.00
81) Pyrene-d10	19.845	212	2116445	33.039	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.956	264	1383769	29.507	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.463	88	50562	9.918	ng/uL#	84
5) Pyridine	3.887	79	369931	24.522	ng/ul	95
6) Benzaldehyde	7.228	77	284716	29.401	ng/ul	99
8) Phenol	7.281	94	559385	27.222	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.510	93	440661	26.881	ng/ul	99
12) 2-Chlorophenol	7.657	128	467919	28.595	ng/ul	99
13) 2-Methylphenol	8.539	108	444923	27.150	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.622	45	857434	28.149	ng/ul	99
16) Acetophenone	8.928	105	718635	28.490	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.916	70	361241	28.433	ng/ul	94
18) 4-Methylphenol	8.875	108	482896	27.311	ng/ul	98
19) Hexachloroethane	9.186	117	188301	30.127	ng/ul	95
22) Nitrobenzene	9.310	77	516844	29.741	ng/ul	96
23) Isophorone	9.845	82	1047343	28.012	ng/ul	99
25) 2-Nitrophenol	10.028	139	274025	29.469	ng/ul	97
26) 2,4-Dimethylphenol	10.081	107	491261	27.484	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.322	93	617880	27.367	ng/ul	98
29) 2,4-Dichlorophenol	10.563	162	477297	29.653	ng/ul	98
30) Naphthalene	10.969	128	1578715	27.865	ng/ul	99
32) 4-Chloroaniline	11.080	127	563636	22.819	ng/ul	97
33) Hexachlorobutadiene	11.251	225	299316	30.020	ng/ul	99
34) Caprolactam	11.874	113	156008m	26.691	ng/ul	
35) 4-Chloro-3-methylphenol	12.192	107	497004	29.588	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.569	142	1092336	27.869	ng/ul	99
37) 1-Methylnaphthalene	12.786	142	1093809	27.882	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.927	216	581527	29.021	ng/ul	99
40) Hexachlorocyclopentadiene	12.910	237	320329	29.070	ng/ul	99
41) 2,4,6-Trichlorophenol	13.169	196	390814	29.875	ng/ul	99
42) 2,4,5-Trichlorophenol	13.239	196	423623	30.406	ng/ul	98
43) 1,1'-Biphenyl	13.563	154	1447195	28.456	ng/ul	100
44) 2-Chloronaphthalene	13.610	162	1140866	28.586	ng/ul	99
45) 2-Nitroaniline	13.810	65	342334	30.315	ng/ul	94
47) Dimethylphthalate	14.180	163	1441422	28.805	ng/ul	99
48) 2,6-Dinitrotoluene	14.304	165	299168	29.281	ng/ul	98
50) Acenaphthylene	14.451	152	1813658	27.995	ng/ul	100
51) 3-Nitroaniline	14.633	138	315103	25.839	ng/ul	98
52) Acenaphthene	14.786	153	1259341	28.053	ng/ul	99
53) 2,4-Dinitrophenol	14.833	184	171180	28.687	ng/ul	89
55) 4-Nitrophenol	14.933	109	191358	31.131	ng/ul	91
56) Dibenzofuran	15.121	168	1727458	28.582	ng/ul	98
57) 2,4-Dinitrotoluene	15.086	165	425183	29.797	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.345	232	376484	30.722	ng/ul	96
59) Diethylphthalate	15.533	149	1478451	28.809	ng/ul	99
61) Fluorene	15.768	166	1461510	28.724	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.757	204	715422	29.493	ng/ul	100
63) 4-Nitroaniline	15.792	138	342353	27.905	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.845	198	244224	30.780	ng/ul	100
67) N-Nitrosodiphenylamine	15.968	169	1212925	28.806	ng/ul	100
68) 4-Bromophenyl-phenylether	16.651	248	445756	29.729	ng/ul	99
69) Hexachlorobenzene	16.768	284	534087	30.503	ng/ul	98
70) Atrazine	16.915	200	325572	22.452	ng/ul	98
71) Pentachlorophenol	17.109	266	336039	31.204	ng/ul	97
72) Phenanthrene	17.509	178	2257196	28.504	ng/ul	99
74) Anthracene	17.598	178	2304710	28.529	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.533	216	580360	29.459	ng/uL	99
76) Pentachlorobenzene	15.039	250	596034	27.809	ng/uL	98
77) Carbazole	17.868	167	2116247	28.466	ng/ul	100
78) Di-n-butylphthalate	18.415	149	2672645	28.594	ng/ul	99
80) Fluoranthene	19.509	202	2567003	32.807	ng/ul	98
82) Pyrene	19.874	202	2679497	33.166	ng/ul	98
83) Butylbenzylphthalate	20.756	149	1136258	32.257	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.544	252	685280	26.451	ng/ul	97
85) Benzo(a)anthracene	21.615	228	2303313	29.111	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.521	149	1642663	30.862	ng/ul	98
87) Chrysene	21.674	228	2143684	29.106	ng/ul	99
89) Di-n-octyl phthalate	22.474	149	2544576	37.771	ng/ul	100
90) Benzo(b)fluoranthene	23.362	252	1867657	31.067	ng/ul	97
91) Benzo(k)fluoranthene	23.409	252	1878950	32.399	ng/ul	97
93) Benzo(a)pyrene	24.009	252	1557648	29.879	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.726	276	1714969	29.261	ng/ul	97
95) Dibenzo(a,h)anthracene	26.738	278	1528814	28.659	ng/ul	98
96) Benzo(g,h,i)perylene	27.526	276	1451561	28.380	ng/ul	97

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

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