Quantitation Report (Qedit)

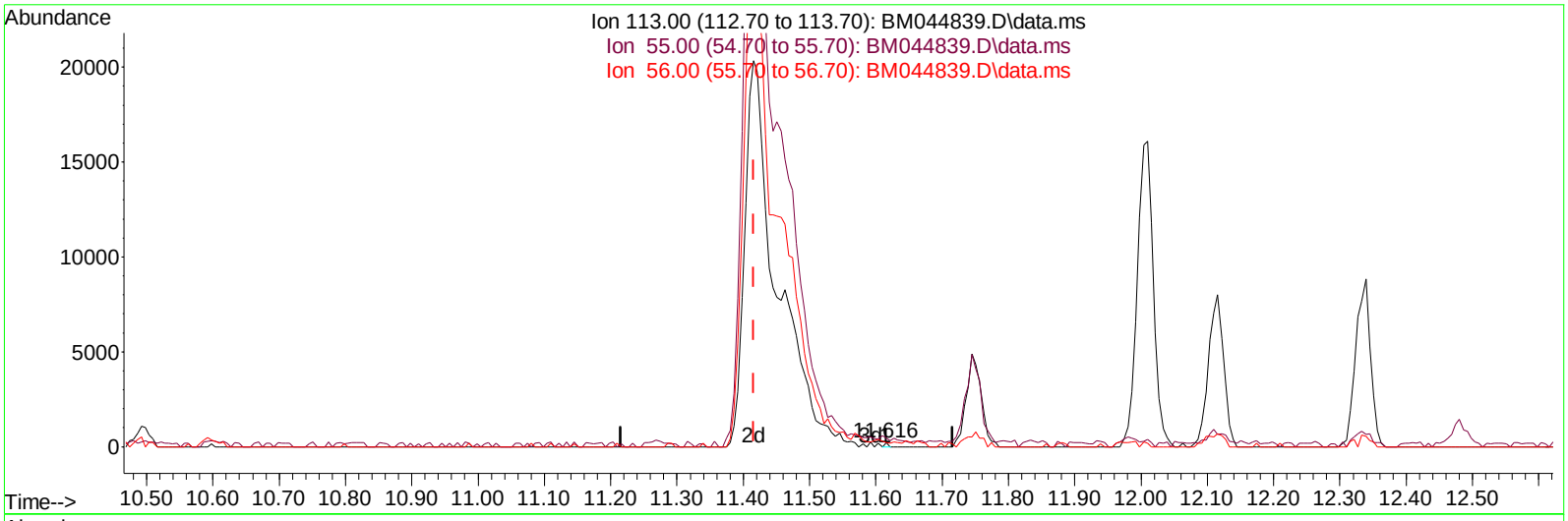
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033024\
Data File : BM044839.D
Acq On : 30 Mar 2024 19:19
Operator : MA/JU
Sample : PB159819BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

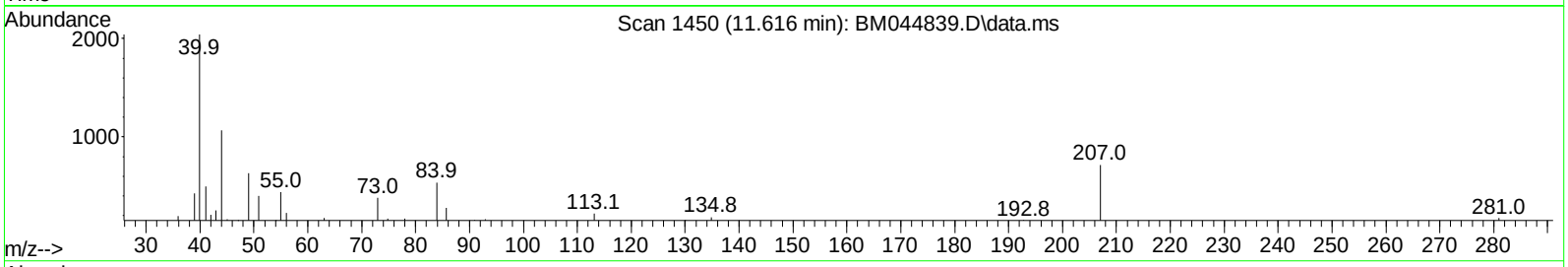
Quant Time: Mar 31 15:34:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 13:54:26 2024
Response via : Initial Calibration

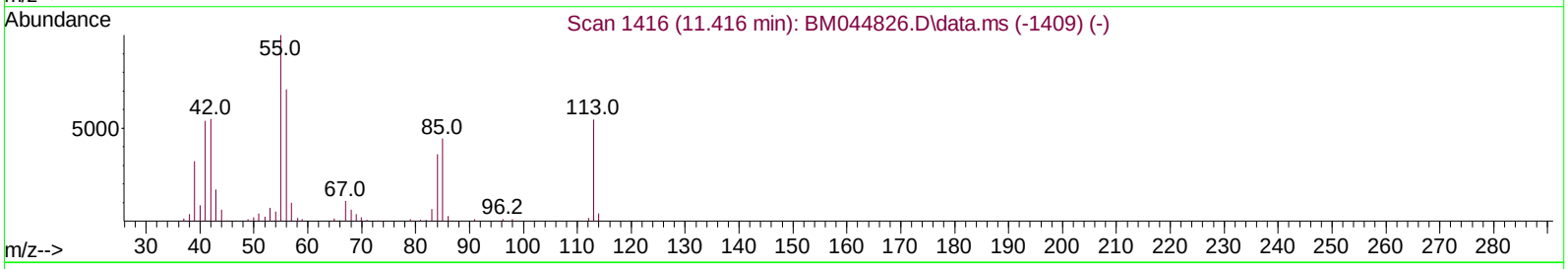
Instrument :
BNA_M
ClientSampleId :
SLCS819

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/01/2024
Supervised By :mohammad ahmed 04/02/2024







TIC: BM044839.D\data.ms

(34) Caprolactam

11.616min (+ 0.200) 0.03 ng/ul

response 77

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	200.91
56.00	127.70	102.28
0.00	0.00	0.00

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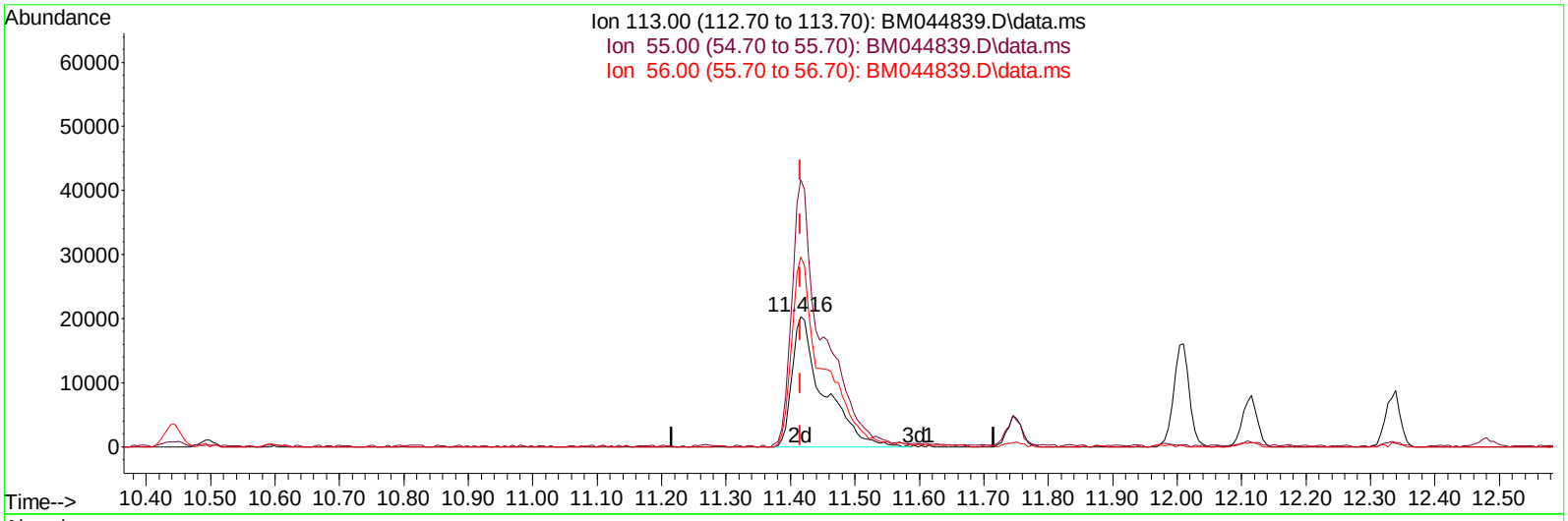

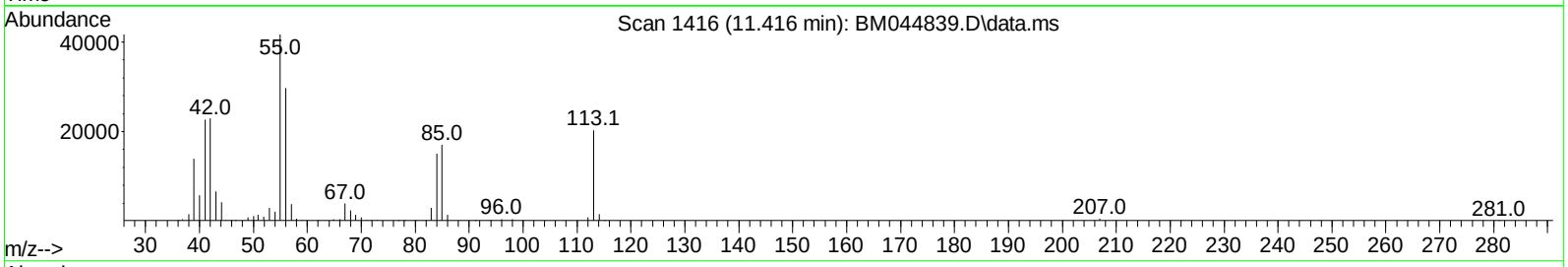

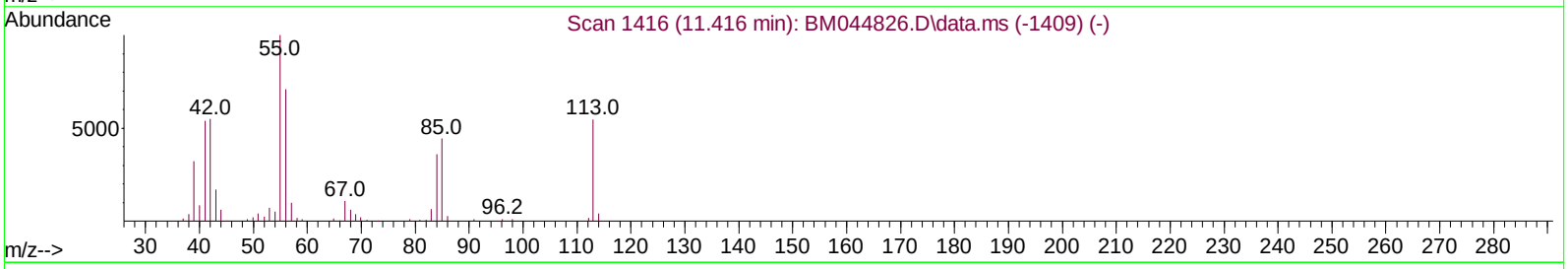

TIC: BM044839.D\data.ms

(34) Caprolactam

11.416min (-0.000) 26.31 ng/ul m

response 68909

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	204.92#
56.00	127.70	145.93
0.00	0.00	0.00

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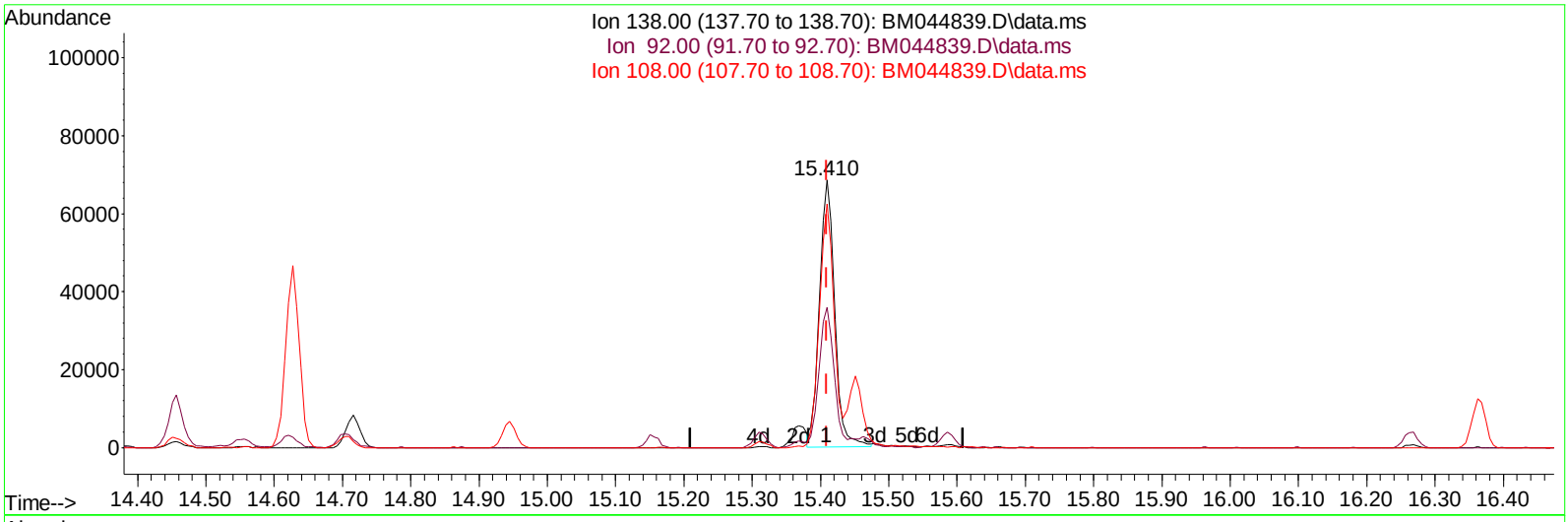

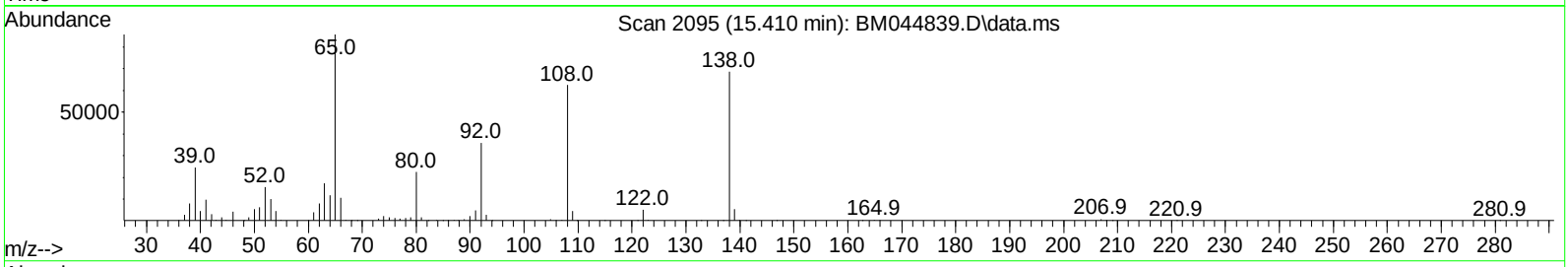

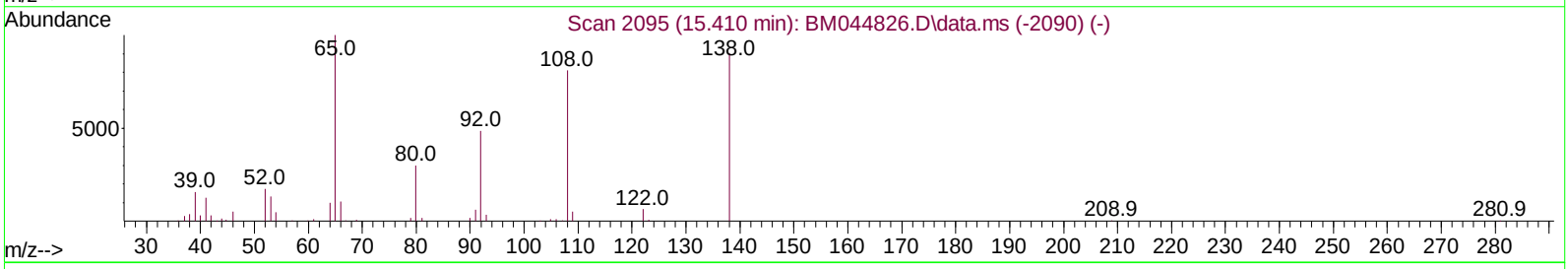

TIC: BM044839.D\data.ms

(63) 4-Nitroaniline

15.410min (-0.000) 27.43 ng/ul

response 106943

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	52.36
108.00	68.30	91.18#
0.00	0.00	0.00

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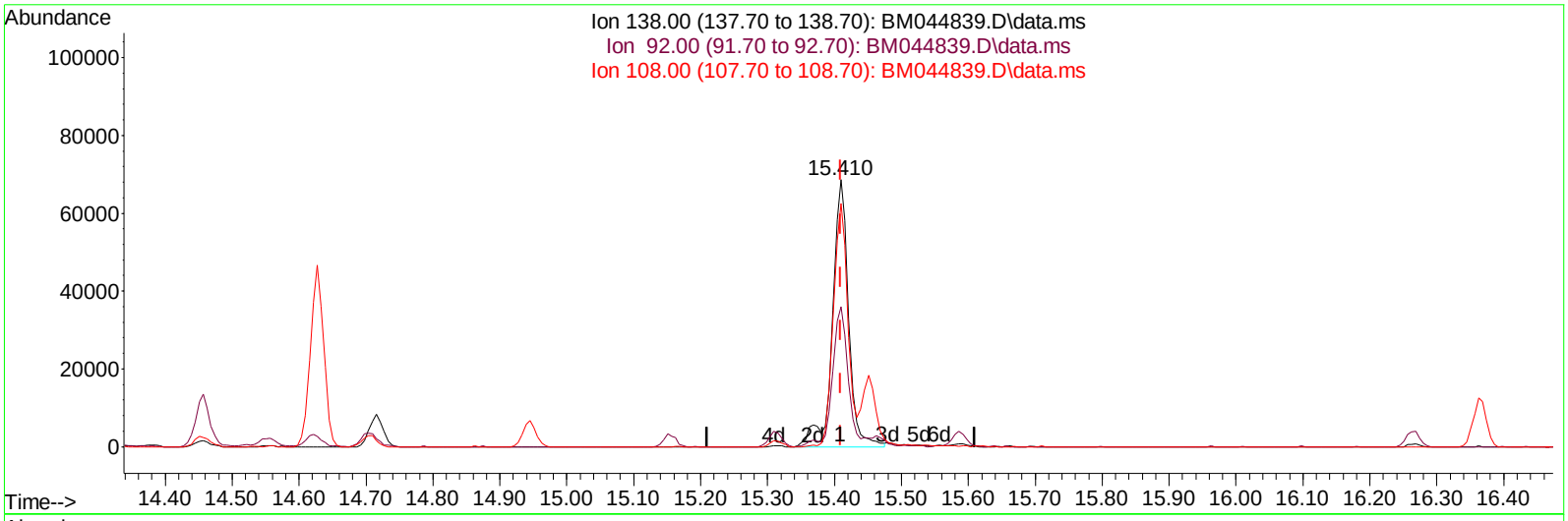

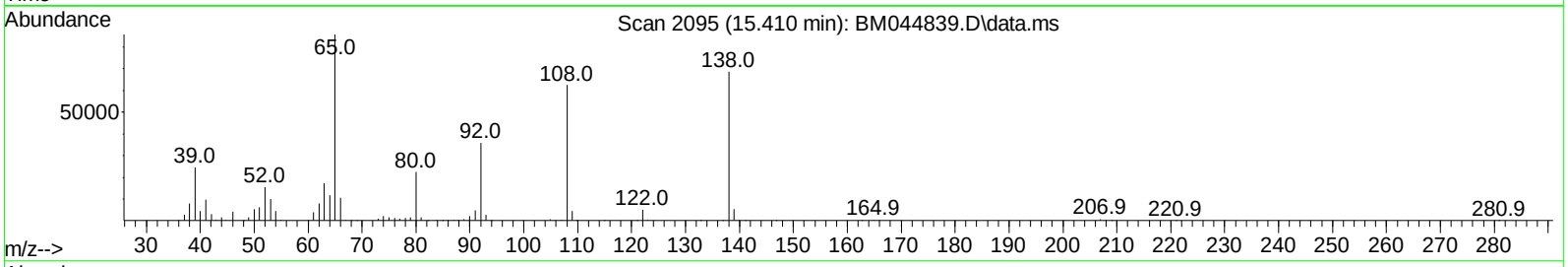

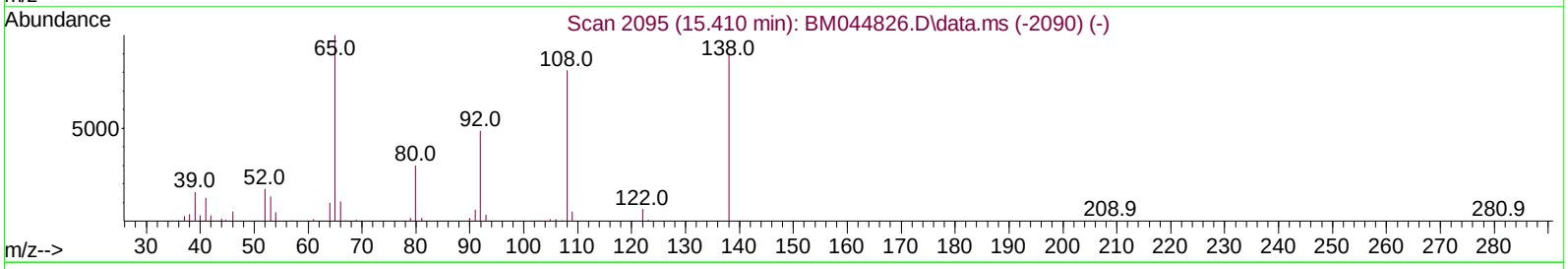

TIC: BM044839.D\data.ms

(63) 4-Nitroaniline

15.410min (-0.000) 29.71 ng/ul m

response 115832

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	52.36
108.00	68.30	91.18#
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	7.663	152	111070	20.000	ng/ul	0.00
20) Naphthalene-d8	10.445	136	435990	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.315	164	236870	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.068	188	438563	20.000	ng/ul	0.00
79) Chrysene-d12	21.268	240	392705	20.000	ng/ul	0.00
88) Perylene-d12	23.503	264	437599	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	18316	5.593	ng/uL	0.00
4) Pyridine-d5	3.634	84	227589	23.612	ng/ul	0.00
7) Phenol-d5	6.845	99	315462	27.625	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	200654	28.447	ng/ul	0.00
11) 2-Chlorophenol-d4	7.198	132	257456	30.680	ng/ul	0.00
15) 4-Methylphenol-d8	8.375	113	242850	27.079	ng/ul	0.00
21) Nitrobenzene-d5	8.828	128	122991	33.501	ng/ul	0.00
24) 2-Nitrophenol-d4	9.539	143	136891	34.588	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	229944	34.138	ng/ul	0.00
31) 4-Chloroaniline-d4	10.598	131	41949	3.750	ng/ul	0.00
46) Dimethylphthalate-d6	13.733	166	580268	31.229	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	684307	32.202	ng/ul	0.00
54) 4-Nitrophenol-d4	14.539	143	108486	28.154	ng/ul	0.00
60) Fluorene-d10	15.315	176	482273	30.886	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	93629	32.889	ng/ul	0.00
73) Anthracene-d10	17.168	188	682164	32.541	ng/ul	0.00
81) Pyrene-d10	19.474	212	775689	32.205	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.362	264	751433	32.670	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	38431	11.336	ng/uL#	91
5) Pyridine	3.651	79	210256	21.032	ng/ul#	81
6) Benzaldehyde	6.828	77	98389	19.781	ng/ul	92
8) Phenol	6.869	94	327239	28.079	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.110	93	263067	27.490	ng/ul	93
12) 2-Chlorophenol	7.234	128	261080	30.163	ng/ul	96
13) 2-Methylphenol	8.110	108	240567	27.201	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.186	45	421914	33.385	ng/ul	94
16) Acetophenone	8.492	105	381383	27.420	ng/ul#	90
17) N-Nitroso-di-n-propyla...	8.481	70	196233	27.307	ng/ul#	81
18) 4-Methylphenol	8.439	108	255359	26.525	ng/ul	94
19) Hexachloroethane	8.722	117	117778	33.219	ng/ul	93
22) Nitrobenzene	8.869	77	306704	35.227	ng/ul	95
23) Isophorone	9.392	82	529797	29.826	ng/ul#	97
25) 2-Nitrophenol	9.569	139	143329	33.218	ng/ul#	87
26) 2,4-Dimethylphenol	9.633	107	265306	33.792	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.875	93	331257	29.652	ng/ul	98
29) 2,4-Dichlorophenol	10.098	162	227731	33.865	ng/ul	99
30) Naphthalene	10.492	128	784672	31.777	ng/ul	100
32) 4-Chloroaniline	10.622	127	72545	6.727	ng/ul	97
33) Hexachlorobutadiene	10.757	225	145618	38.635	ng/ul	98
34) Caprolactam	11.416	113	68909m	26.313	ng/ul	
35) 4-Chloro-3-methylphenol	11.745	107	234762	30.104	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.116	142	495334	30.165	ng/ul	98
37) 1-Methylnaphthalene	12.333	142	495435	30.585	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.486	216	249181	36.977	ng/ul	98
40) Hexachlorocyclopentadiene	12.445	237	139075	31.090	ng/ul	99
41) 2,4,6-Trichlorophenol	12.733	196	166647	35.275	ng/ul	98
42) 2,4,5-Trichlorophenol	12.810	196	176555	34.873	ng/ul	98
43) 1,1'-Biphenyl	13.139	154	620210	32.973	ng/ul	100
44) 2-Chloronaphthalene	13.180	162	487148	33.003	ng/ul	98
45) 2-Nitroaniline	13.404	65	164402	35.478	ng/ul	96
47) Dimethylphthalate	13.786	163	589375	31.172	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	122204	32.358	ng/ul	94
50) Acenaphthylene	14.033	152	789325	31.869	ng/ul	99
51) 3-Nitroaniline	14.239	138	65453	16.045	ng/ul	94
52) Acenaphthene	14.380	153	521156	32.008	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	65591	27.151	ng/ul	88
55) 4-Nitrophenol	14.551	109	94315	34.934	ng/ul#	79
56) Dibenzofuran	14.715	168	683796	31.572	ng/ul	97
57) 2,4-Dinitrotoluene	14.704	165	170548	31.284	ng/ul#	73
58) 2,3,4,6-Tetrachlorophenol	14.945	232	140147	33.451	ng/ul	98
59) Diethylphthalate	15.157	149	604610	30.812	ng/ul	99
61) Fluorene	15.368	166	561945	31.724	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.368	204	269231	32.748	ng/ul	98
63) 4-Nitroaniline	15.410	138	115832m	29.709	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.468	198	97016	31.891	ng/ul	96
67) N-Nitrosodiphenylamine	15.586	169	380647	28.818	ng/ul	99
68) 4-Bromophenyl-phenylether	16.268	248	162023	36.936	ng/ul	95
69) Hexachlorobenzene	16.368	284	188025	37.632	ng/ul	95
70) Atrazine	16.551	200	50826	11.775	ng/ul	96
71) Pentachlorophenol	16.721	266	116823	35.409	ng/ul	99
72) Phenanthrene	17.115	178	816368	32.814	ng/ul	99
74) Anthracene	17.204	178	825656	32.815	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	245404	41.894	ng/uL	97
76) Pentachlorobenzene	14.627	250	225967	39.901	ng/uL	99
77) Carbazole	17.486	167	679707	28.748	ng/ul	99
78) Di-n-butylphthalate	18.051	149	1017768	32.003	ng/ul#	99
80) Fluoranthene	19.139	202	931690	32.481	ng/ul	95
82) Pyrene	19.503	202	962076	32.216	ng/ul	95
83) Butylbenzylphthalate	20.415	149	459685	31.305	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.197	252	16030	1.887	ng/ul	99
85) Benzo(a)anthracene	21.256	228	955525	32.401	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.197	149	690419	32.248	ng/ul	95
87) Chrysene	21.309	228	882220	32.312	ng/ul	100
89) Di-n-octyl phthalate	22.080	149	1240844	31.685	ng/ul	100
90) Benzo(b)fluoranthene	22.833	252	963793	32.915	ng/ul	99
91) Benzo(k)fluoranthene	22.880	252	940773	32.804	ng/ul	98
93) Benzo(a)pyrene	23.409	252	893180	32.608	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.762	276	1112780	36.221	ng/ul	97
95) Dibenzo(a,h)anthracene	25.774	278	938890	36.652	ng/ul	96
96) Benzo(g,h,i)perylene	26.444	276	890608	36.327	ng/ul	97

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

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