Quantitation Report (Qedit)

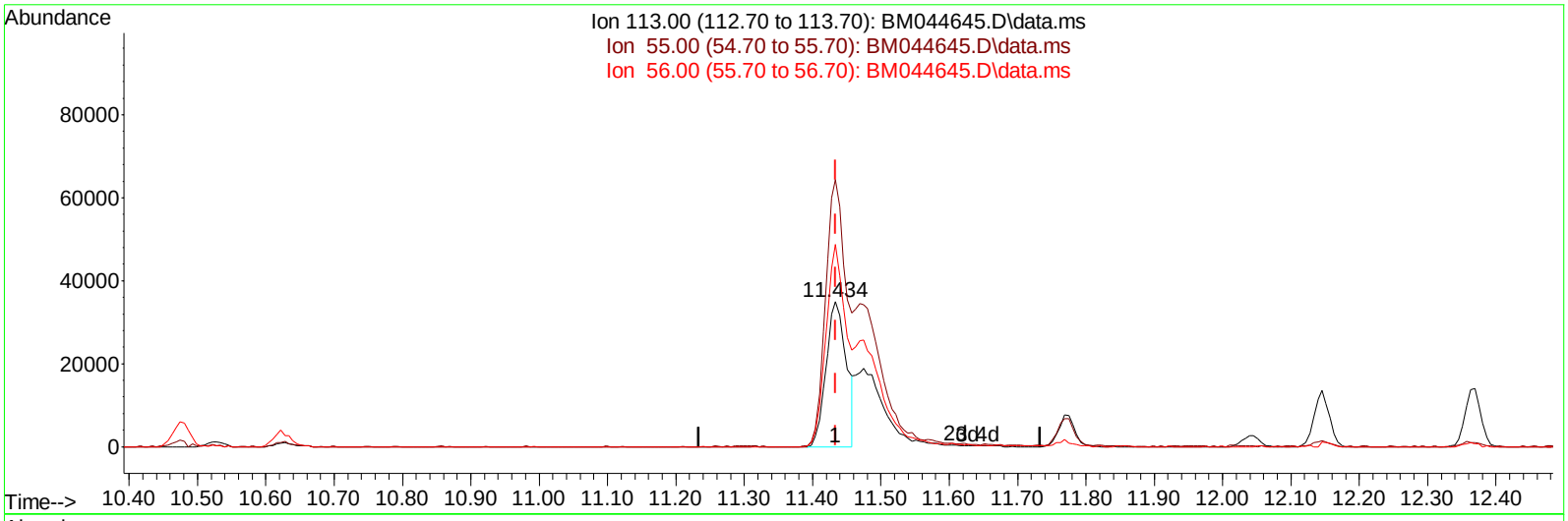
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031624\
Data File : BM044645.D
Acq On : 15 Mar 2024 22:30
Operator : MA/JU
Sample : PB159595BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

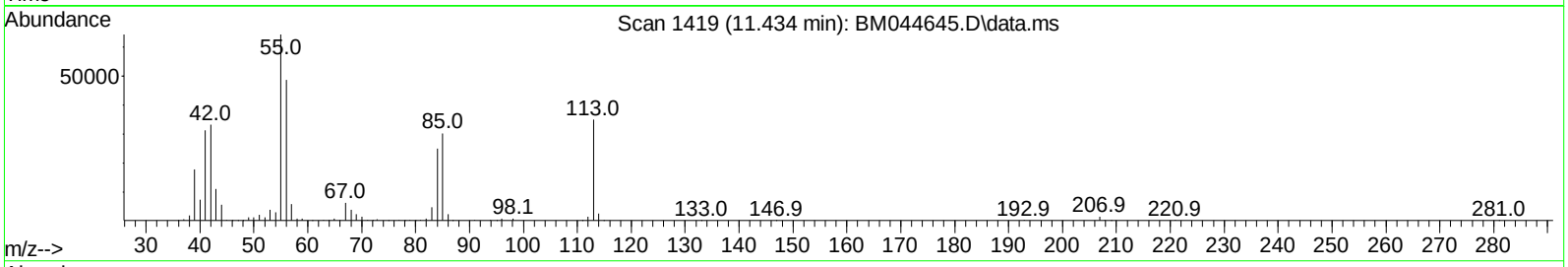
Quant Time: Mar 15 23:06:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 15 11:12:49 2024
Response via : Initial Calibration

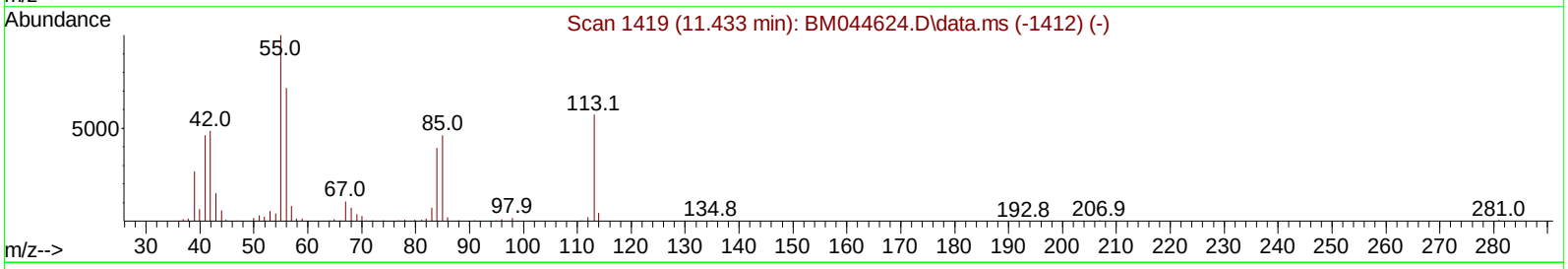
Instrument :
BNA_M
ClientSampleId :
SLCS595

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024







TIC: BM044645.D\data.ms

(34) Caprolactam

11.434min (+ 0.000) 14.73 ng/ul

response 72237

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	184.30
56.00	127.70	139.56
0.00	0.00	0.00

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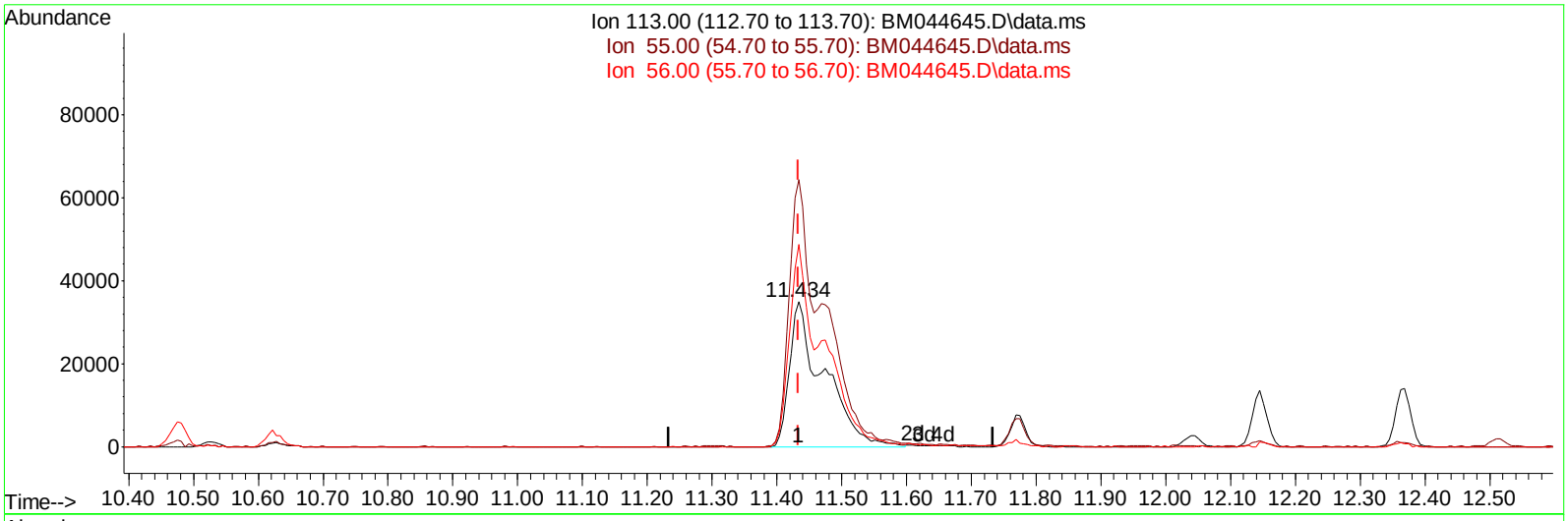

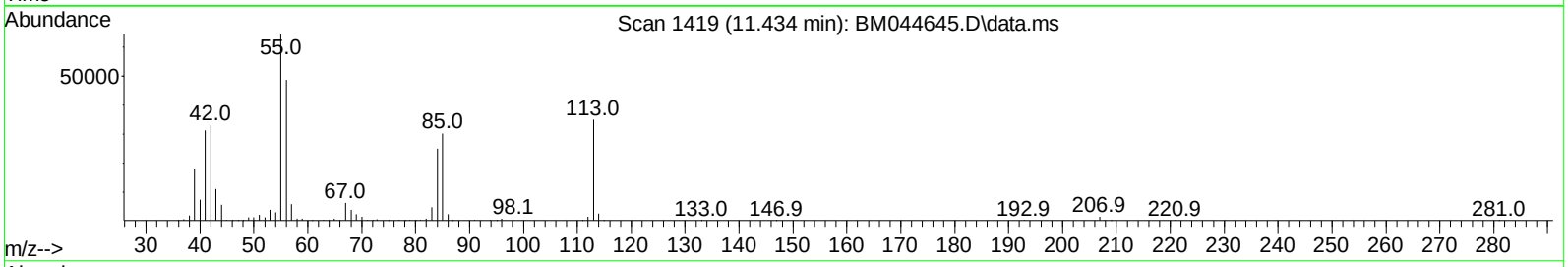

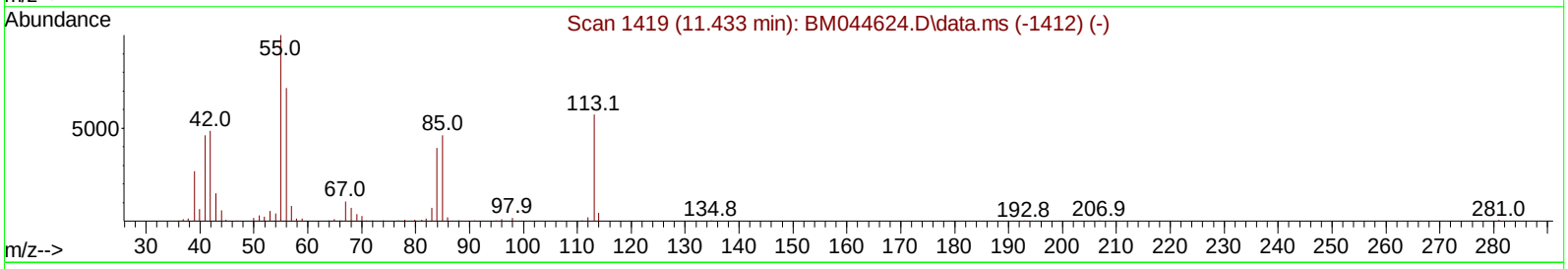

TIC: BM044645.D\data.ms

(34) Caprolactam

11.434min (+ 0.000) 26.14 ng/ul m

response 128173

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	184.30
56.00	127.70	139.56
0.00	0.00	0.00

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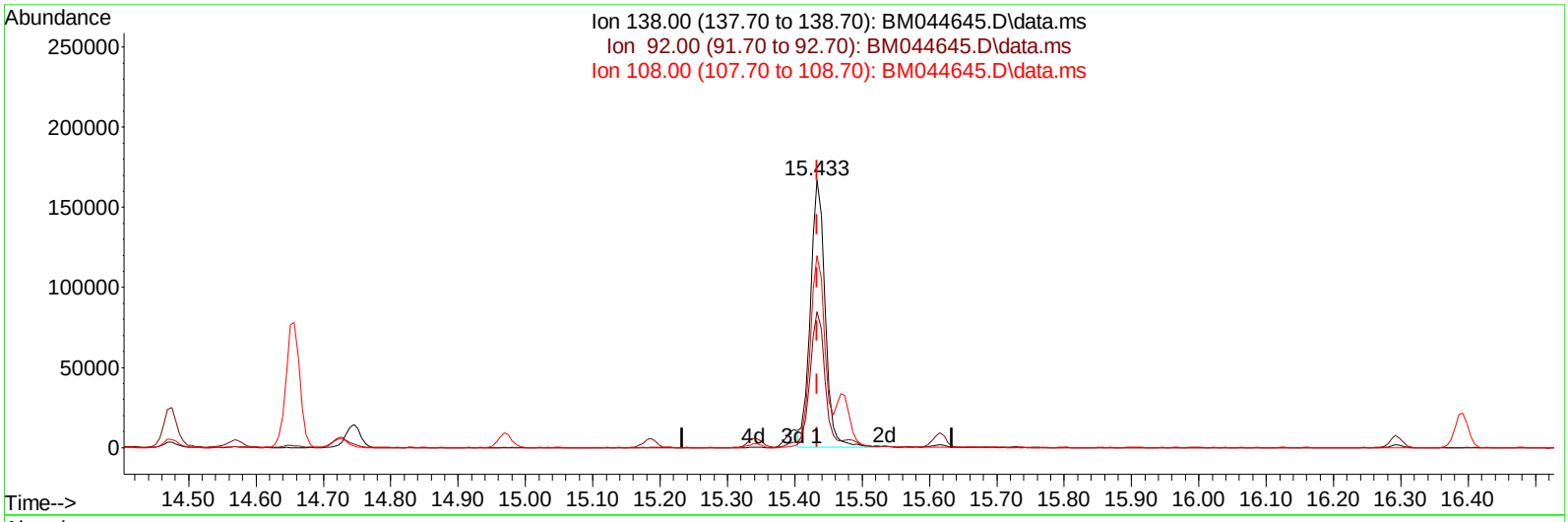

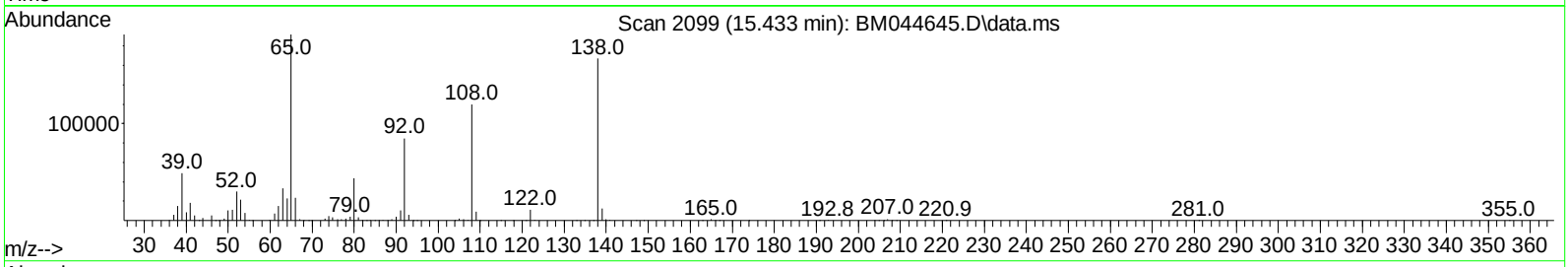

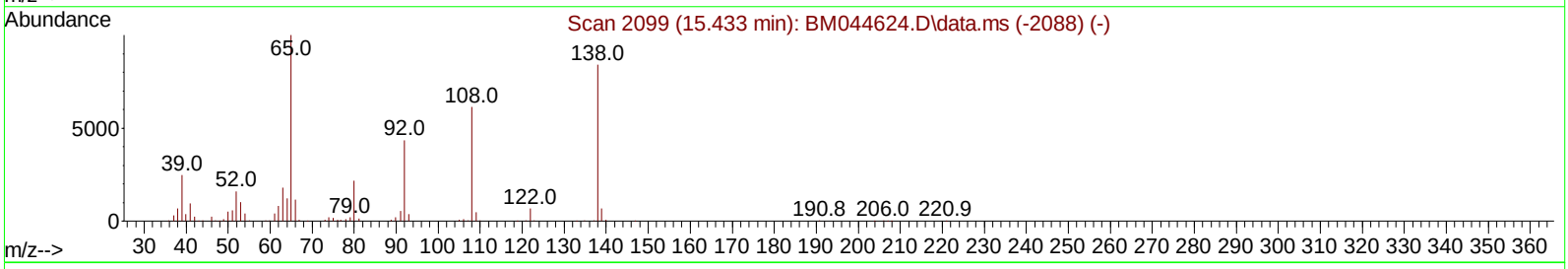

TIC: BM044645.D\data.ms

(63) 4-Nitroaniline

15.433min (+ 0.000) 31.71 ng/ul

response 254936

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	50.72
108.00	68.30	71.74
0.00	0.00	0.00

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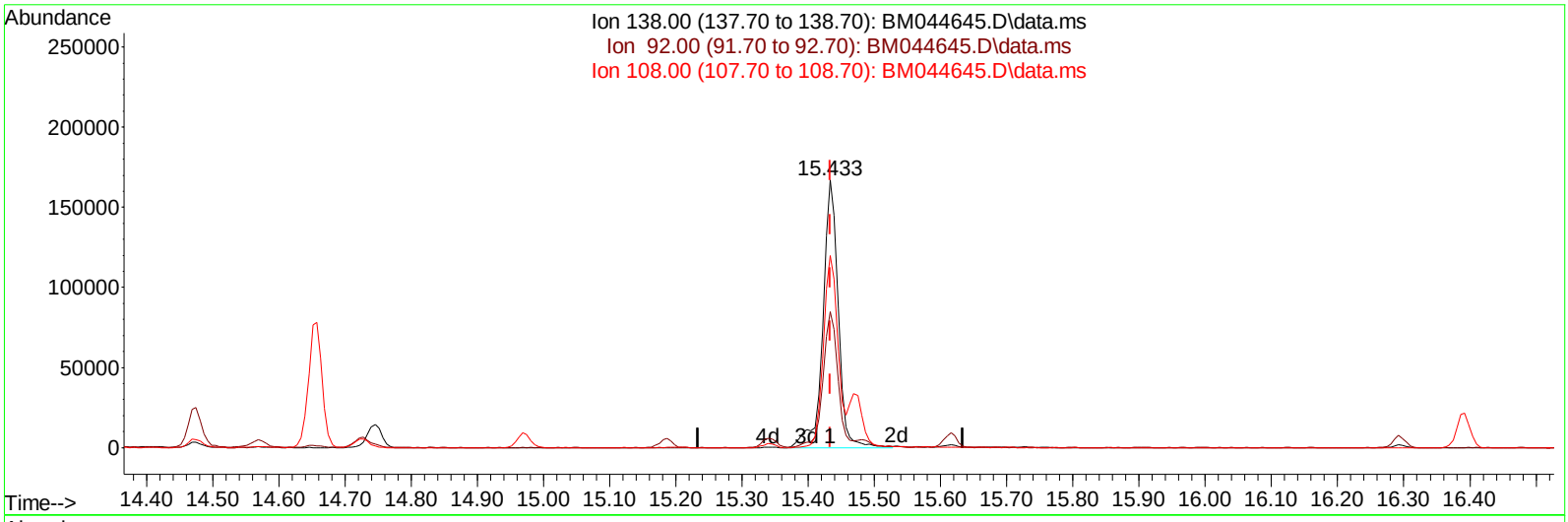

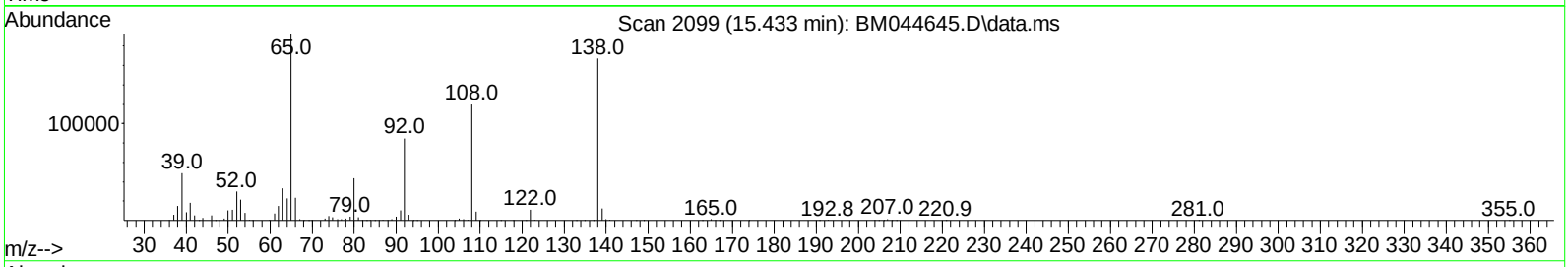

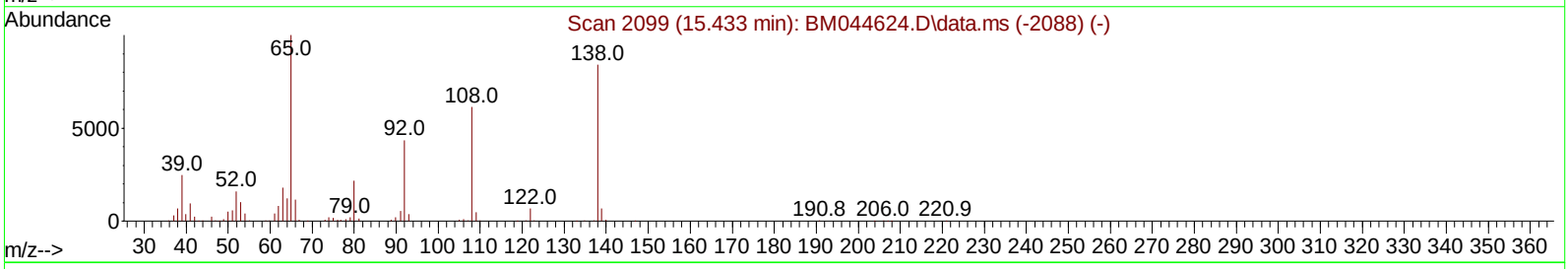

TIC: BM044645.D\data.ms

(63) 4-Nitroaniline

15.433min (+ 0.000) 33.62 ng/ul m

response 270306

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	50.72
108.00	68.30	71.74
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	7.699	152	196905	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	816317	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.339	164	488414	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	949369	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	823369	20.000	ng/ul	0.00
88) Perylene-d12	23.539	264	916241	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	30629	5.276	ng/uL	0.00
4) Pyridine-d5	3.652	84	425474	24.900	ng/ul	0.00
7) Phenol-d5	6.869	99	520716	25.722	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	340907	27.263	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	409218	27.507	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	399018	25.098	ng/ul	0.00
21) Nitrobenzene-d5	8.857	128	199723	29.055	ng/ul	0.00
24) 2-Nitrophenol-d4	9.569	143	217476	29.348	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	380486	30.169	ng/ul	0.00
31) 4-Chloroaniline-d4	10.622	131	541696	25.862	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	1085701	28.338	ng/ul	0.00
49) Acenaphthylene-d8	14.033	160	1247703	28.475	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	213453	26.865	ng/ul	0.00
60) Fluorene-d10	15.339	176	914605	28.407	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.474	200	182153	29.558	ng/ul	0.00
73) Anthracene-d10	17.198	188	1346463	29.671	ng/ul	0.00
81) Pyrene-d10	19.498	212	1526975	30.237	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.397	264	1477168	30.673	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	62996	10.481	ng/uL	99
5) Pyridine	3.669	79	456426	25.754	ng/ul	96
6) Benzaldehyde	6.857	77	260266	29.517	ng/ul	96
8) Phenol	6.899	94	566617	27.425	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.140	93	470528	27.735	ng/ul	96
12) 2-Chlorophenol	7.263	128	439885	28.667	ng/ul	98
13) 2-Methylphenol	8.140	108	419555	26.760	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.222	45	677481	30.239	ng/ul	98
16) Acetophenone	8.522	105	676371	27.430	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.510	70	356034	27.947	ng/ul	94
18) 4-Methylphenol	8.463	108	451324	26.444	ng/ul	98
19) Hexachloroethane	8.757	117	186956	29.744	ng/ul	95
22) Nitrobenzene	8.898	77	513770	31.517	ng/ul	95
23) Isophorone	9.422	82	998939	30.036	ng/ul	98
25) 2-Nitrophenol	9.604	139	245773	30.422	ng/ul	99
26) 2,4-Dimethylphenol	9.663	107	415414	28.260	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.910	93	624520	29.858	ng/ul	98
29) 2,4-Dichlorophenol	10.128	162	393069	31.219	ng/ul	99
30) Naphthalene	10.528	128	1408819	30.471	ng/ul	100
32) 4-Chloroaniline	10.651	127	433213	21.454	ng/ul	98
33) Hexachlorobutadiene	10.798	225	235386	33.355	ng/ul	97
34) Caprolactam	11.434	113	128173m	26.140	ng/ul	
35) 4-Chloro-3-methylphenol	11.769	107	429473	29.414	ng/ul	96

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.145	142	915624	29.781	ng/ul	99
37)	1-Methylnaphthalene	12.369	142	905865	29.867	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.516	216	436895	31.442	ng/ul	99
40)	Hexachlorocyclopentadiene	12.481	237	262273	28.434	ng/ul	99
41)	2,4,6-Trichlorophenol	12.763	196	273611	28.089	ng/ul	98
42)	2,4,5-Trichlorophenol	12.833	196	307497	29.456	ng/ul	99
43)	1,1'-Biphenyl	13.169	154	1162918	29.984	ng/ul	99
44)	2-Chloronaphthalene	13.210	162	909122	29.870	ng/ul	99
45)	2-Nitroaniline	13.428	65	292501	30.613	ng/ul	97
47)	Dimethylphthalate	13.816	163	1160330	29.763	ng/ul	100
48)	2,6-Dinitrotoluene	13.939	165	230614	29.614	ng/ul	98
50)	Acenaphthylene	14.063	152	1534972	30.057	ng/ul	100
51)	3-Nitroaniline	14.263	138	245891	29.233	ng/ul	96
52)	Acenaphthene	14.410	153	1009889	30.080	ng/ul	99
53)	2,4-Dinitrophenol	14.475	184	125867	25.268	ng/ul	97
55)	4-Nitrophenol	14.569	109	164254	29.505	ng/ul	95
56)	Dibenzofuran	14.745	168	1347758	30.179	ng/ul	99
57)	2,4-Dinitrotoluene	14.727	165	332633	29.591	ng/ul	91
58)	2,3,4,6-Tetrachlorophenol	14.969	232	228376	26.436	ng/ul	98
59)	Diethylphthalate	15.186	149	1207676	29.848	ng/ul	99
61)	Fluorene	15.398	166	1107345	30.318	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.398	204	531755	31.369	ng/ul	99
63)	4-Nitroaniline	15.433	138	270306m	33.623	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.486	198	203358	30.880	ng/ul	96
67)	N-Nitrosodiphenylamine	15.616	169	917997	32.105	ng/ul	100
68)	4-Bromophenyl-phenylether	16.298	248	317401	33.425	ng/ul	95
69)	Hexachlorobenzene	16.392	284	364198	33.673	ng/ul	96
70)	Atrazine	16.574	200	137212	14.685	ng/ul	98
71)	Pentachlorophenol	16.745	266	190414	26.661	ng/ul	98
72)	Phenanthrene	17.139	178	1694702	31.468	ng/ul	100
74)	Anthracene	17.233	178	1718758	31.557	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.128	216	438228	34.559	ng/uL	99
76)	Pentachlorobenzene	14.657	250	423904	34.578	ng/uL	99
77)	Carbazole	17.510	167	1599194	31.246	ng/ul	100
78)	Di-n-butylphthalate	18.080	149	2149542	31.224	ng/ul	99
80)	Fluoranthene	19.162	202	1912561	31.802	ng/ul	97
82)	Pyrene	19.527	202	2003348	31.996	ng/ul	98
83)	Butylbenzylphthalate	20.445	149	928167	30.148	ng/ul	93
84)	3,3'-Dichlorobenzidine	21.221	252	594230	33.364	ng/ul	98
85)	Benzo(a)anthracene	21.280	228	1939545	31.368	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.227	149	1455629	32.428	ng/ul	99
87)	Chrysene	21.333	228	1798988	31.426	ng/ul	99
89)	Di-n-octyl phthalate	22.115	149	2467864	30.097	ng/ul	100
90)	Benzo(b)fluoranthene	22.868	252	1926615	31.425	ng/ul	99
91)	Benzo(k)fluoranthene	22.915	252	1870314	31.148	ng/ul	98
93)	Benzo(a)pyrene	23.445	252	1787143	31.161	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	25.809	276	2214626	34.428	ng/ul	98
95)	Dibenzo(a,h)anthracene	25.827	278	1885950	35.162	ng/ul	99
96)	Benzo(g,h,i)perylene	26.503	276	1762670	34.338	ng/ul	99

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

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