Quantitation Report (Qedit)

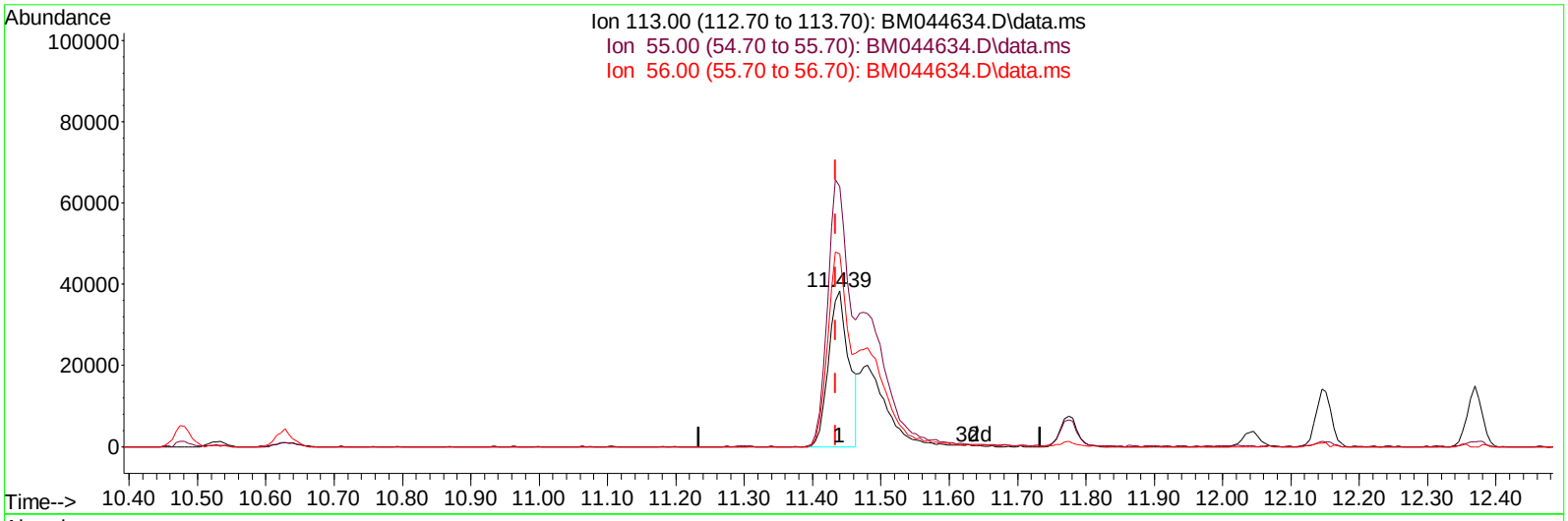
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031624\
Data File : BM044634.D
Acq On : 15 Mar 2024 15:50
Operator : MA/JU
Sample : PB159597BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

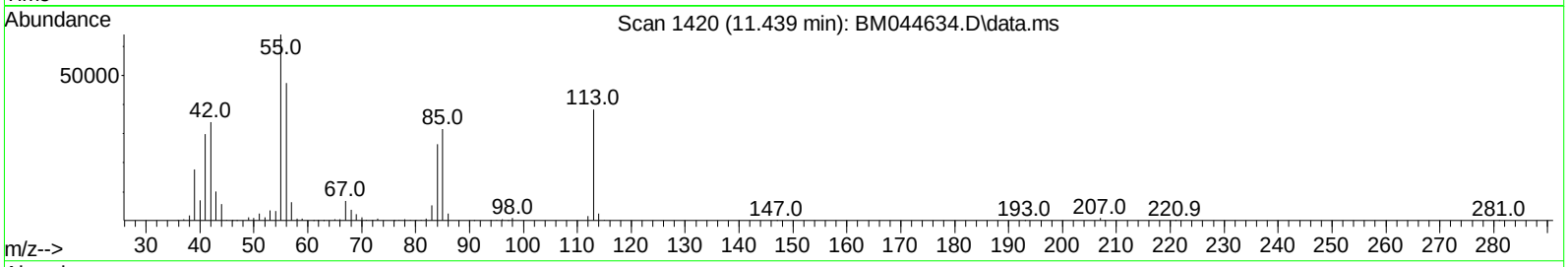
Quant Time: Mar 15 16:25:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 15 11:12:49 2024
Response via : Initial Calibration

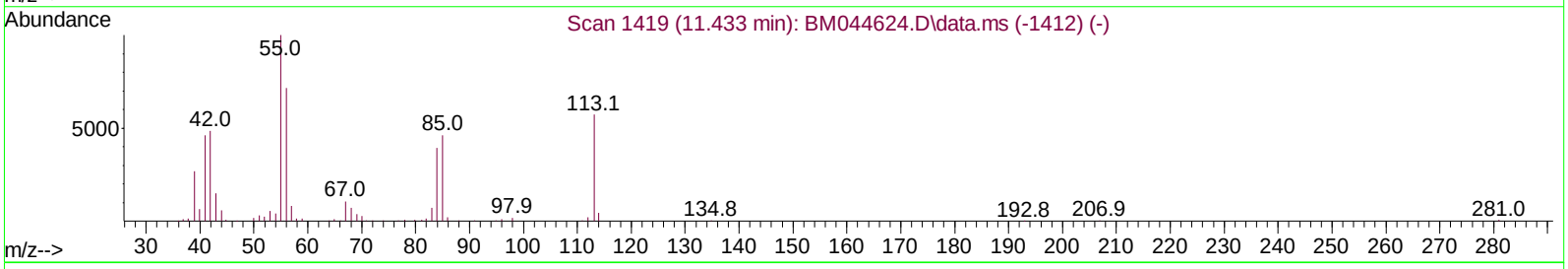
Instrument :
BNA_M
ClientSampleId :
SLCS597

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/19/2024







TIC: BM044634.D\data.ms

(34) Caprolactam

11.439min (+ 0.006) 19.02 ng/ul

response 80504

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	167.15
56.00	127.70	123.91
0.00	0.00	0.00

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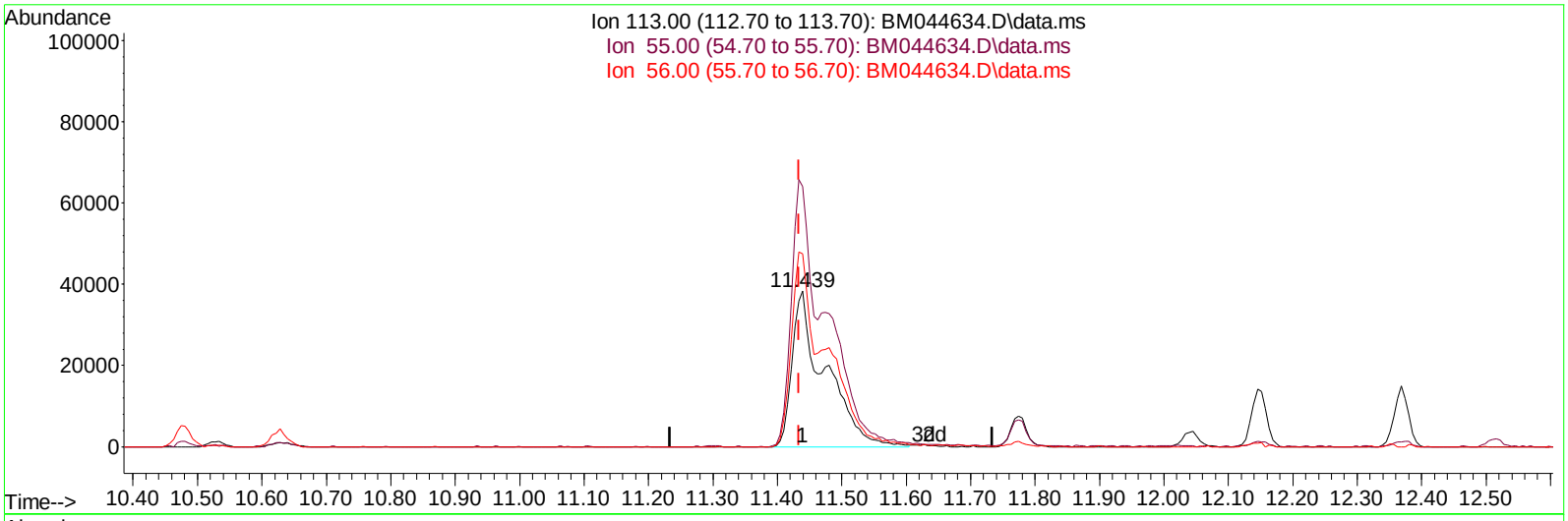

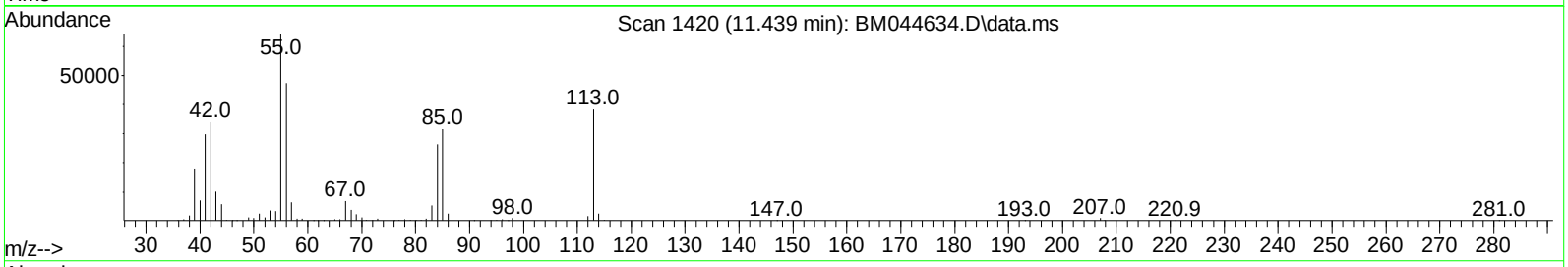

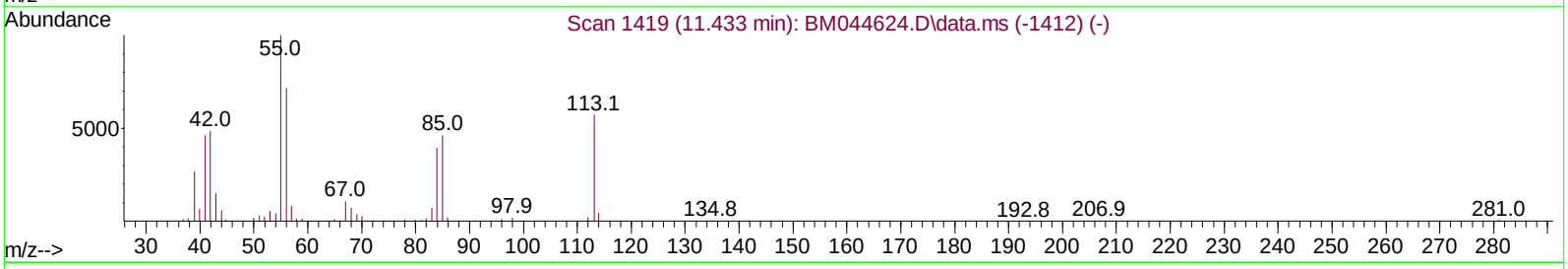

TIC: BM044634.D\data.ms

(34) Caprolactam

11.439min (+ 0.006) 32.25 ng/ul m

response 136477

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	167.15
56.00	127.70	123.91
0.00	0.00	0.00

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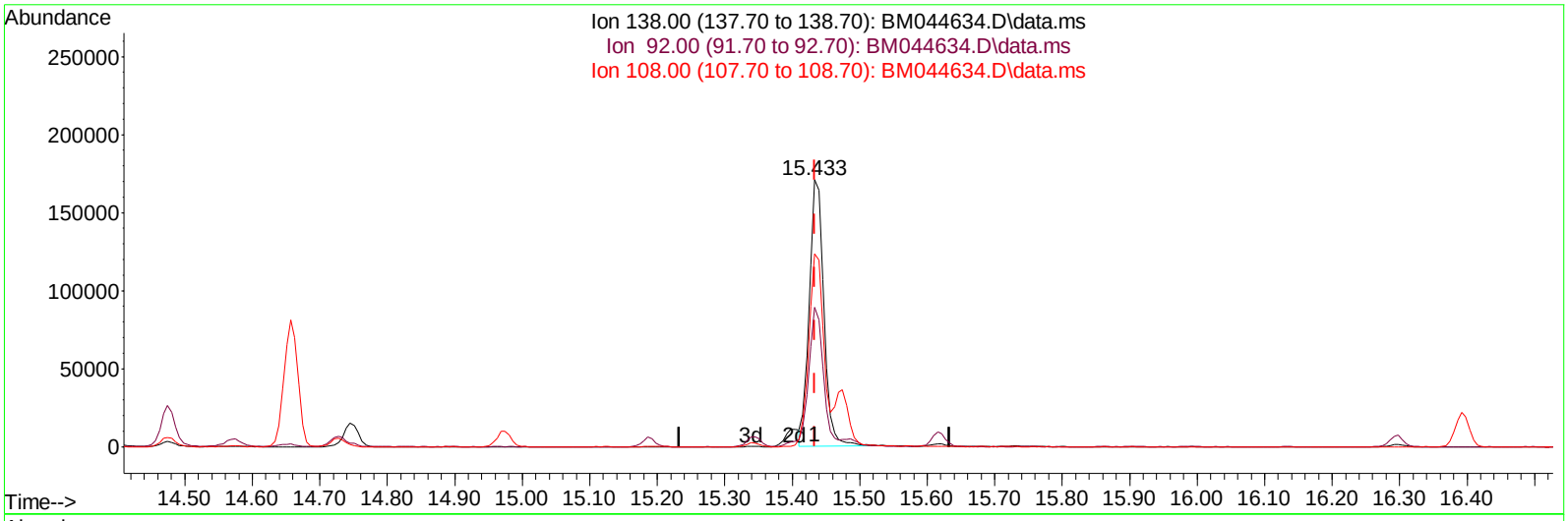

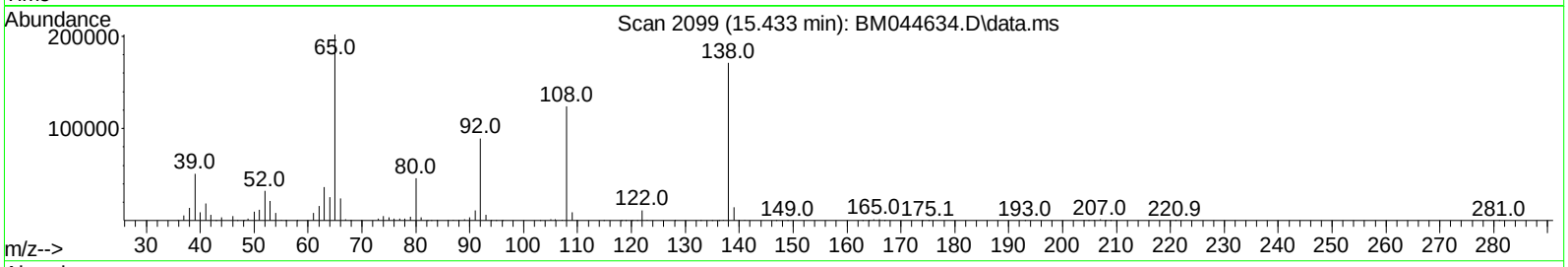

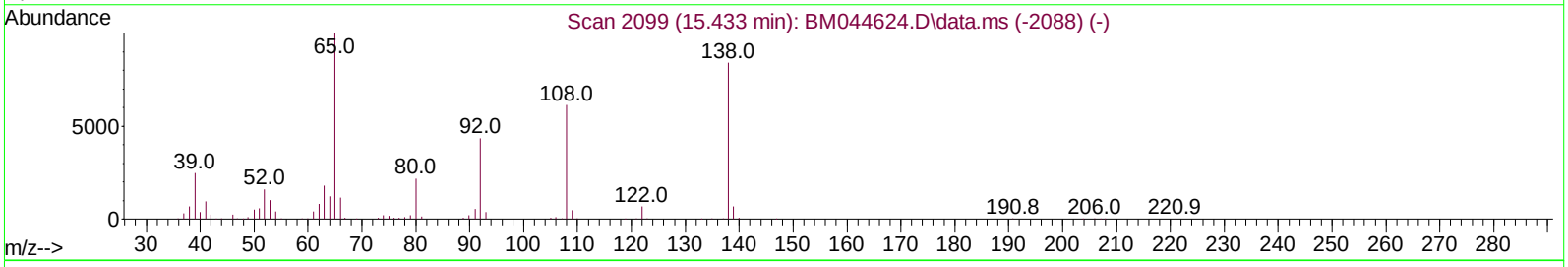

TIC: BM044634.D\data.ms

(63) 4-Nitroaniline

15.433min (+ 0.000) 37.28 ng/ul

response 257583

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	52.20
108.00	68.30	72.33
0.00	0.00	0.00

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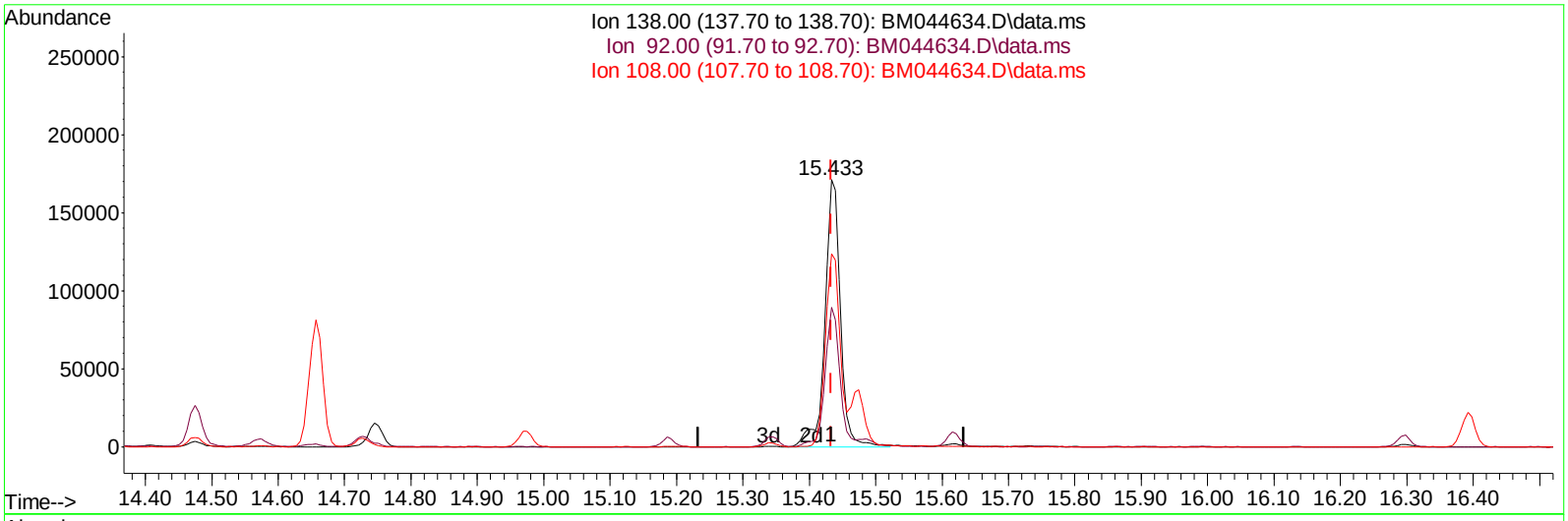

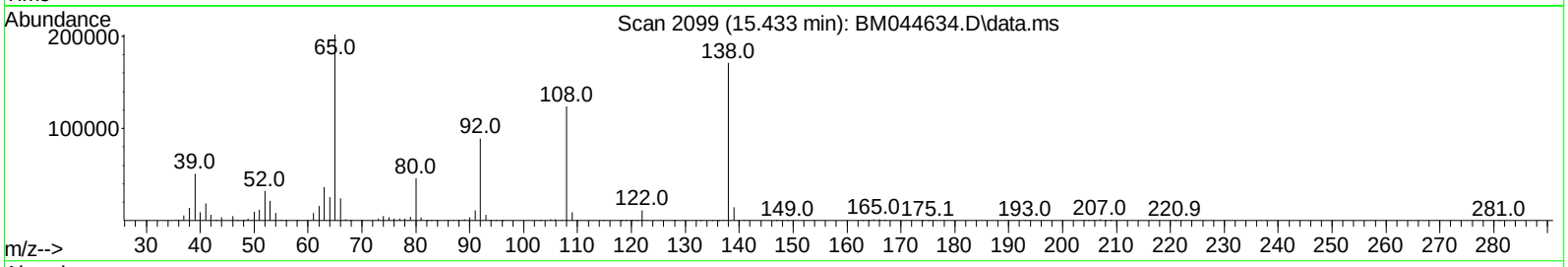

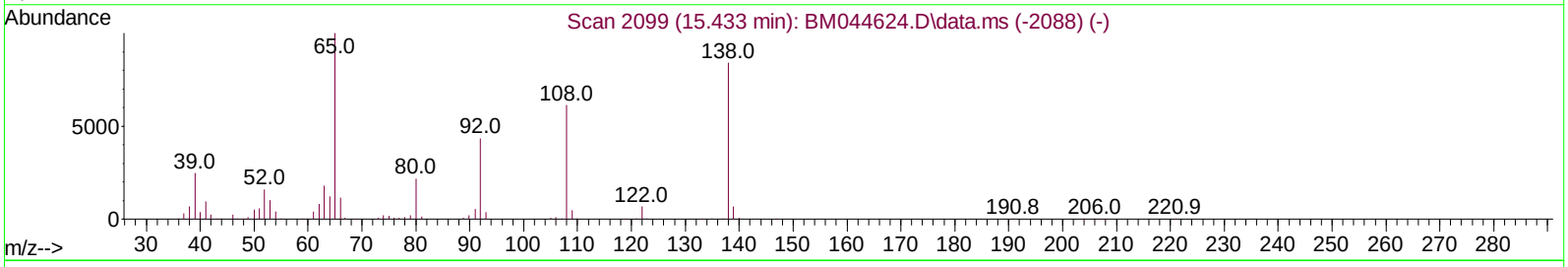

TIC: BM044634.D\data.ms

(63) 4-Nitroaniline

15.433min (+ 0.000) 40.16 ng/ul m

response 277479

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	52.20
108.00	68.30	72.33
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	7.698	152	171621	20.000	ng/ul	0.00
20) Naphthalene-d8	10.481	136	704480	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.345	164	419773	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	821382	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	736180	20.000	ng/ul	0.00
88) Perylene-d12	23.544	264	828475	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	32713	6.465	ng/uL	0.00
4) Pyridine-d5	3.652	84	461500	30.987	ng/ul	0.00
7) Phenol-d5	6.875	99	562948	31.905	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.051	67	362854	33.293	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	442784	34.149	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	428451	30.919	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	217340	36.637	ng/ul	0.00
24) 2-Nitrophenol-d4	9.575	143	237141	37.082	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.104	165	410685	37.734	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	569071	31.482	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166	1150485	34.939	ng/ul	0.00
49) Acenaphthylene-d8	14.039	160	1330477	35.330	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	234250	34.304	ng/ul	0.00
60) Fluorene-d10	15.345	176	976168	35.277	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.474	200	194854	36.546	ng/ul	0.00
73) Anthracene-d10	17.198	188	1452346	36.992	ng/ul	0.00
81) Pyrene-d10	19.498	212	1632113	36.147	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.403	264	1623996	37.294	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	68302	13.038	ng/uL	96
5) Pyridine	3.669	79	465376	30.127	ng/ul	96
6) Benzaldehyde	6.857	77	261197	33.986	ng/ul	94
8) Phenol	6.899	94	594795	33.030	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.140	93	491931	33.268	ng/ul	96
12) 2-Chlorophenol	7.263	128	466335	34.868	ng/ul	97
13) 2-Methylphenol	8.140	108	437927	32.047	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.222	45	697904	35.740	ng/ul	97
16) Acetophenone	8.528	105	699693	32.557	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.510	70	369215	33.252	ng/ul	95
18) 4-Methylphenol	8.469	108	475122	31.940	ng/ul	95
19) Hexachloroethane	8.757	117	196950	35.951	ng/ul	98
22) Nitrobenzene	8.904	77	540129	38.394	ng/ul	97
23) Isophorone	9.422	82	1030805	35.914	ng/ul	98
25) 2-Nitrophenol	9.604	139	257984	37.003	ng/ul	100
26) 2,4-Dimethylphenol	9.663	107	458360	36.131	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.910	93	644207	35.689	ng/ul	98
29) 2,4-Dichlorophenol	10.128	162	408816	37.624	ng/ul	97
30) Naphthalene	10.528	128	1473779	36.937	ng/ul	100
32) 4-Chloroaniline	10.651	127	425329	24.407	ng/ul	99
33) Hexachlorobutadiene	10.798	225	242987	39.898	ng/ul	98
34) Caprolactam	11.439	113	136477m	32.252	ng/ul	
35) 4-Chloro-3-methylphenol	11.775	107	446345	35.422	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.145	142	951903	35.876	ng/ul	100
37)	1-Methylnaphthalene	12.369	142	932738	35.636	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.516	216	449020	37.599	ng/ul	100
40)	Hexachlorocyclopentadiene	12.486	237	283412	35.750	ng/ul	99
41)	2,4,6-Trichlorophenol	12.769	196	291825	34.857	ng/ul	99
42)	2,4,5-Trichlorophenol	12.839	196	320747	35.749	ng/ul	99
43)	1,1'-Biphenyl	13.175	154	1206939	36.208	ng/ul	100
44)	2-Chloronaphthalene	13.216	162	933266	35.678	ng/ul	99
45)	2-Nitroaniline	13.433	65	308022	37.509	ng/ul	99
47)	Dimethylphthalate	13.816	163	1187853	35.451	ng/ul	99
48)	2,6-Dinitrotoluene	13.939	165	239095	35.724	ng/ul	98
50)	Acenaphthylene	14.063	152	1591908	36.269	ng/ul	99
51)	3-Nitroaniline	14.269	138	254636	35.223	ng/ul	98
52)	Acenaphthene	14.410	153	1038612	35.995	ng/ul	100
53)	2,4-Dinitrophenol	14.475	184	133868	31.269	ng/ul	95
55)	4-Nitrophenol	14.575	109	174664	36.506	ng/ul	95
56)	Dibenzofuran	14.745	168	1384860	36.081	ng/ul	100
57)	2,4-Dinitrotoluene	14.727	165	344734	35.683	ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	14.974	232	251836	33.918	ng/ul	98
59)	Diethylphthalate	15.186	149	1248924	35.915	ng/ul	99
61)	Fluorene	15.398	166	1144695	36.466	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.398	204	548530	37.649	ng/ul	100
63)	4-Nitroaniline	15.433	138	277479m	40.160	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.486	198	209766	36.817	ng/ul	96
67)	N-Nitrosodiphenylamine	15.616	169	948879	38.356	ng/ul	99
68)	4-Bromophenyl-phenylether	16.298	248	325942	39.673	ng/ul	96
69)	Hexachlorobenzene	16.392	284	375656	40.144	ng/ul	97
70)	Atrazine	16.580	200	156037	19.302	ng/ul	98
71)	Pentachlorophenol	16.745	266	215750	34.916	ng/ul	99
72)	Phenanthrene	17.145	178	1749773	37.553	ng/ul	99
74)	Anthracene	17.233	178	1793979	38.070	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.128	216	447244	40.766	ng/uL	99
76)	Pentachlorobenzene	14.657	250	434786	40.992	ng/uL	99
77)	Carbazole	17.510	167	1666654	37.638	ng/ul	100
78)	Di-n-butylphthalate	18.086	149	2222111	37.307	ng/ul	100
80)	Fluoranthene	19.162	202	1967739	36.594	ng/ul	98
82)	Pyrene	19.527	202	2077202	37.105	ng/ul	99
83)	Butylbenzylphthalate	20.451	149	978471	35.546	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.221	252	619651	38.911	ng/ul	99
85)	Benzo(a)anthracene	21.280	228	2007196	36.307	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.227	149	1532271	38.178	ng/ul	99
87)	Chrysene	21.333	228	1857485	36.291	ng/ul	100
89)	Di-n-octyl phthalate	22.115	149	2642898	35.646	ng/ul	100
90)	Benzo(b)fluoranthene	22.868	252	2014413	36.338	ng/ul	100
91)	Benzo(k)fluoranthene	22.915	252	2008133	36.986	ng/ul	99
93)	Benzo(a)pyrene	23.450	252	1911138	36.854	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	25.815	276	2333783	40.124	ng/ul	98
95)	Dibenzo(a,h)anthracene	25.833	278	1985411	40.938	ng/ul	99
96)	Benzo(g,h,i)perylene	26.509	276	1878783	40.478	ng/ul	99

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

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