Quantitation Report (Qedit)

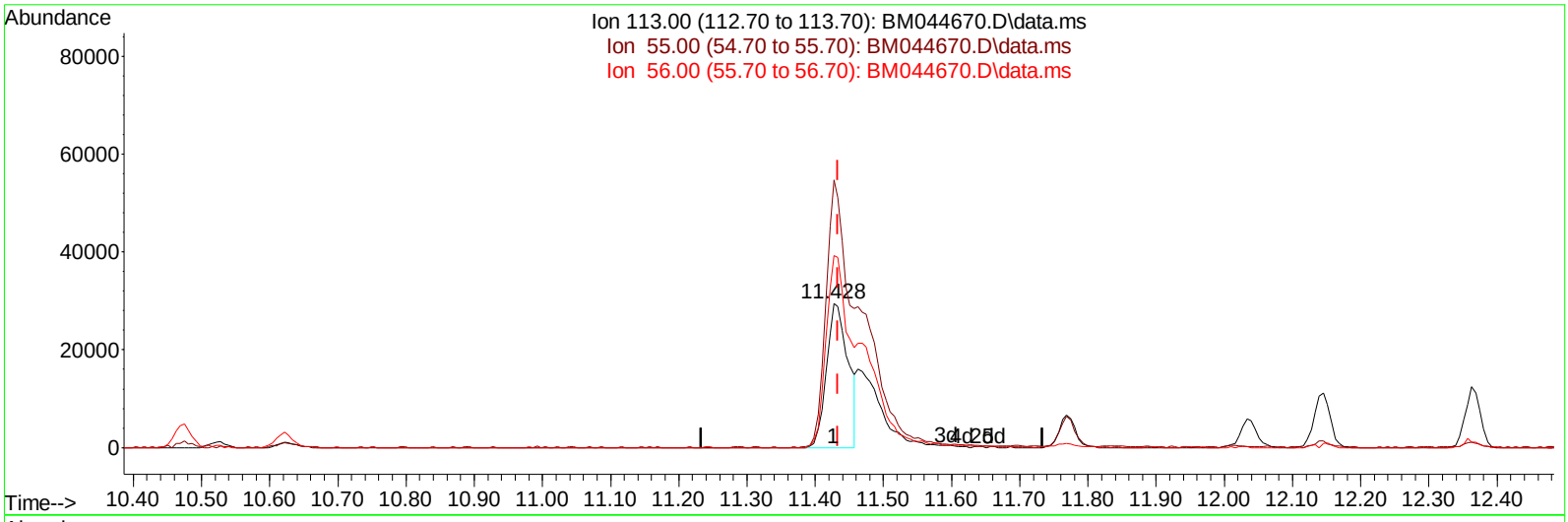
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031924\
Data File : BM044670.D
Acq On : 19 Mar 2024 18:46
Operator : MA/JU
Sample : PB159668BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

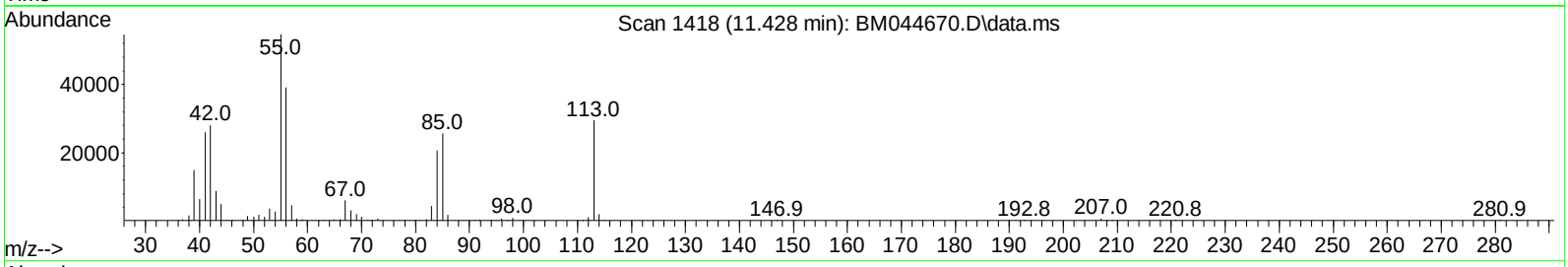
Quant Time: Mar 19 23:31:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 15 11:12:49 2024
Response via : Initial Calibration

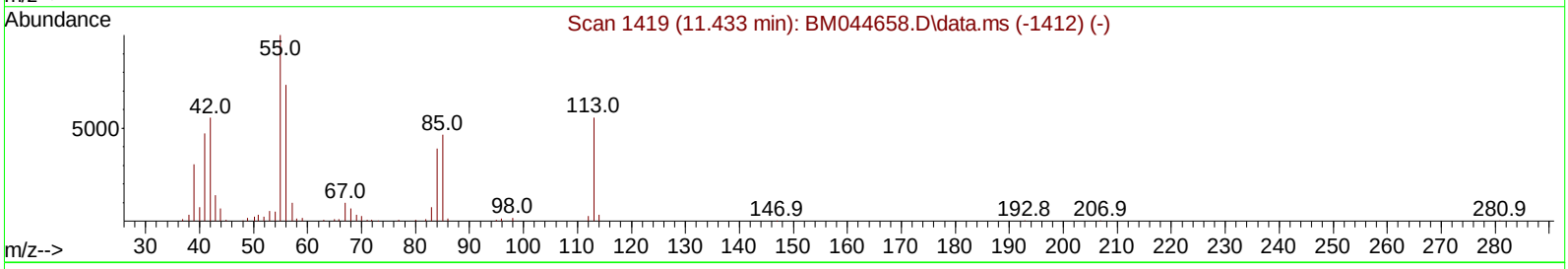
Instrument :
BNA_M
ClientSampleId :
SLCS668

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/20/2024
Supervised By :mohammad ahmed 03/20/2024







TIC: BM044670.D\data.ms

(34) Caprolactam

11.428min (-0.006) 16.59 ng/ul

response 64899

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	185.20
56.00	127.70	132.93
0.00	0.00	0.00

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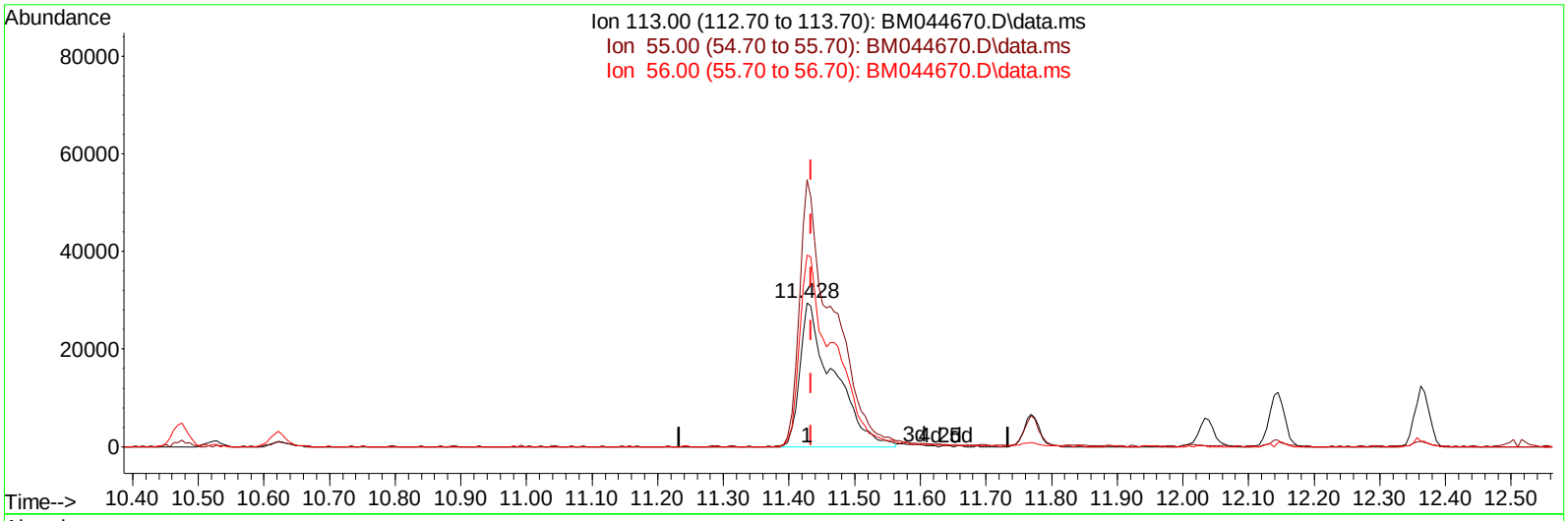

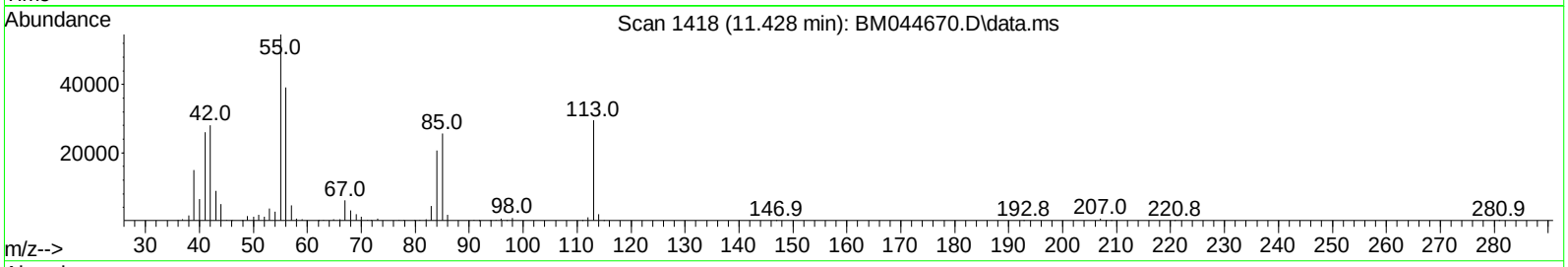

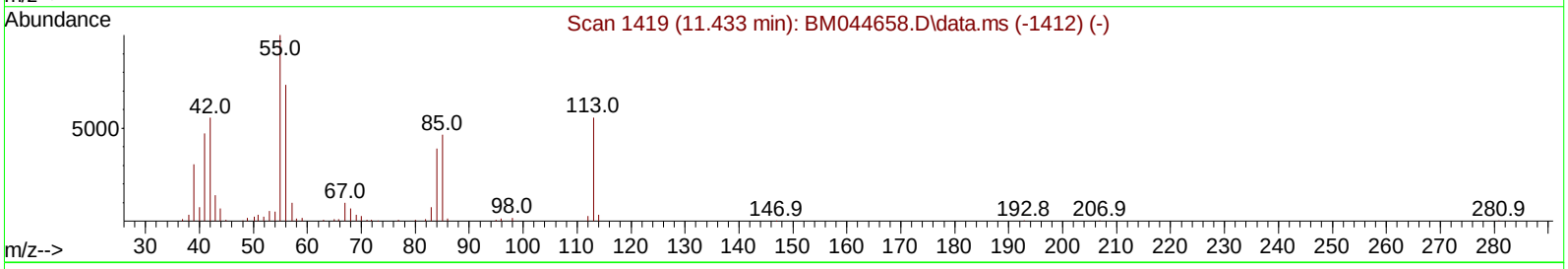

TIC: BM044670.D\data.ms

(34) Caprolactam

11.428min (-0.006) 26.80 ng/ul m

response 104825

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	185.20
56.00	127.70	132.93
0.00	0.00	0.00

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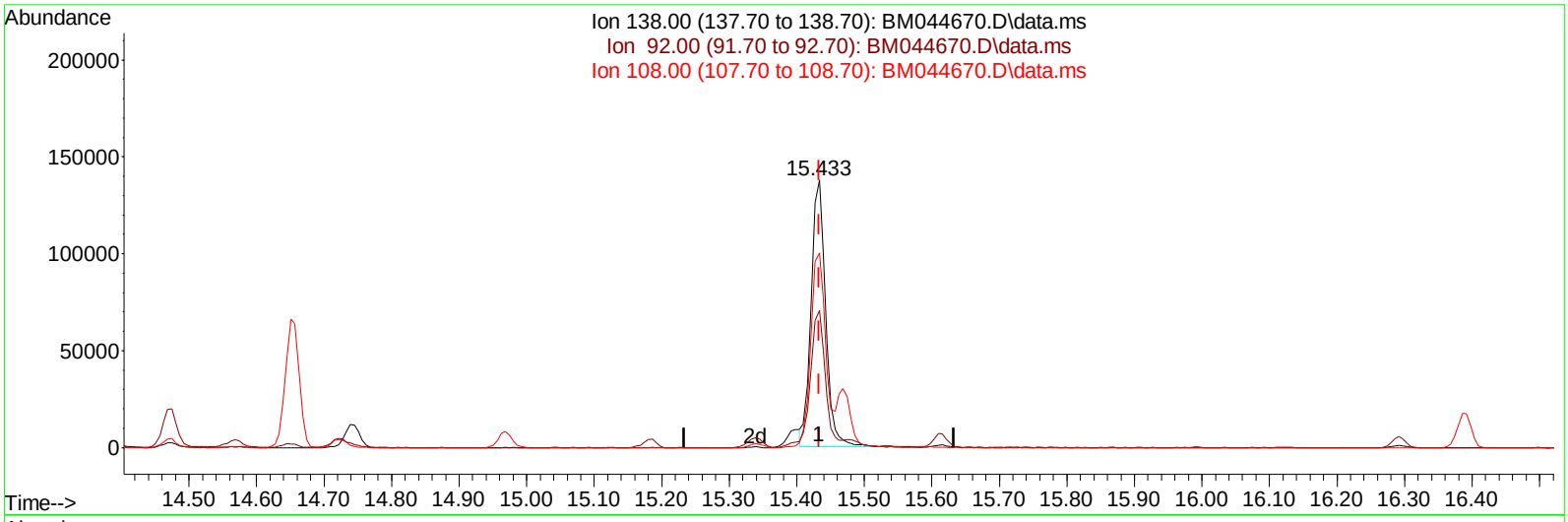

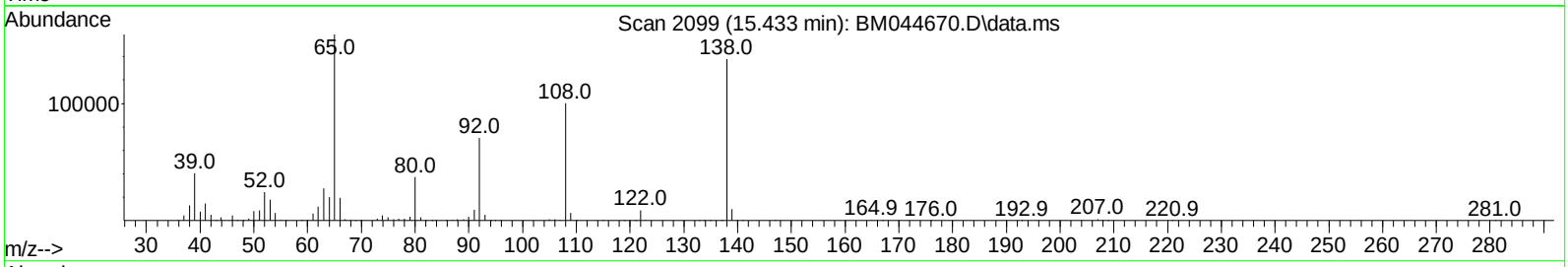

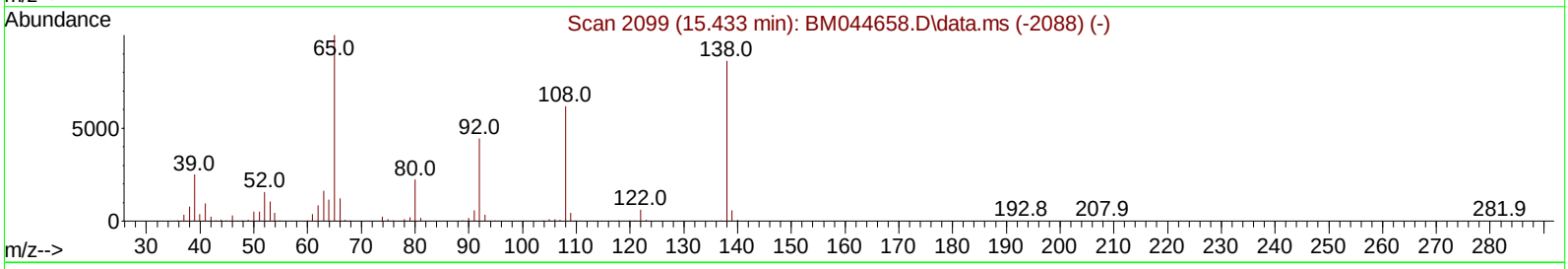

TIC: BM044670.D\data.ms

(63) 4-Nitroaniline

15.433min (-0.000) 34.27 ng/ul

response 205483

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	51.41
108.00	68.30	72.65
0.00	0.00	0.00

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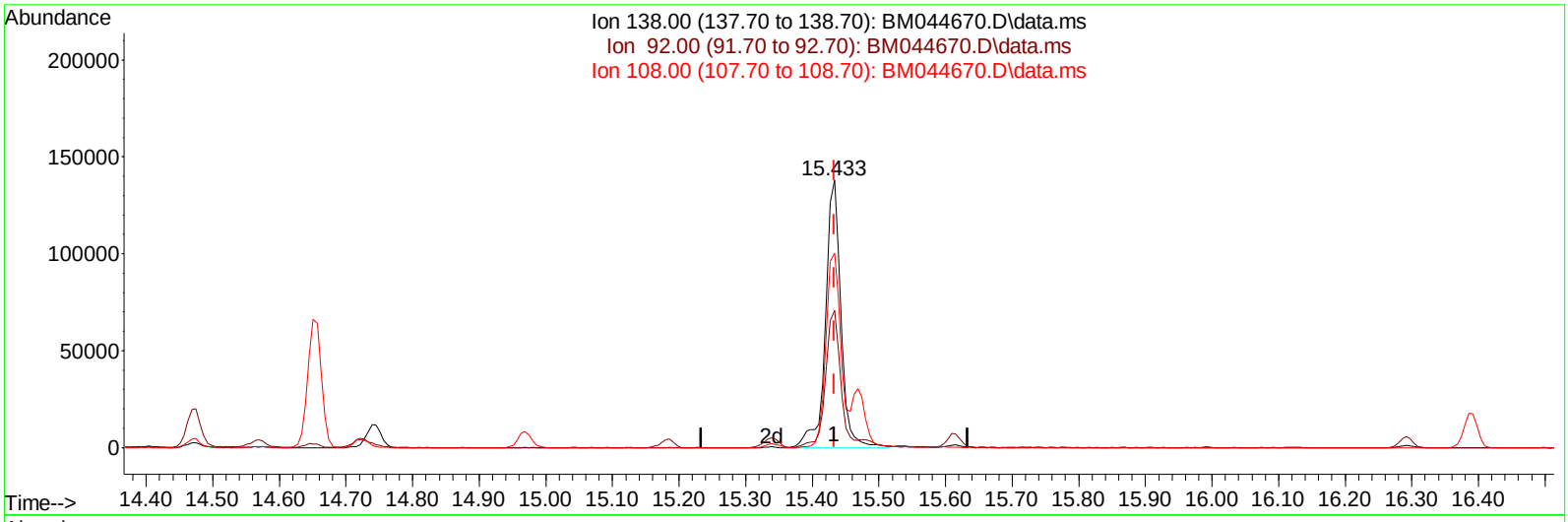

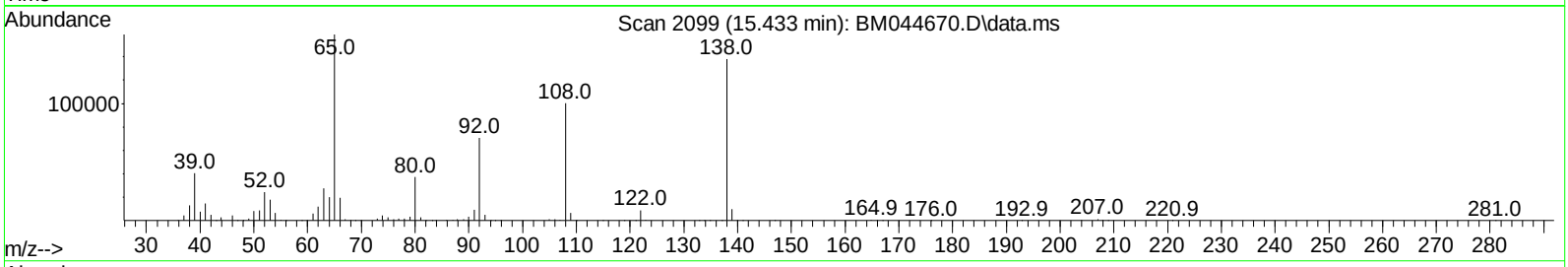

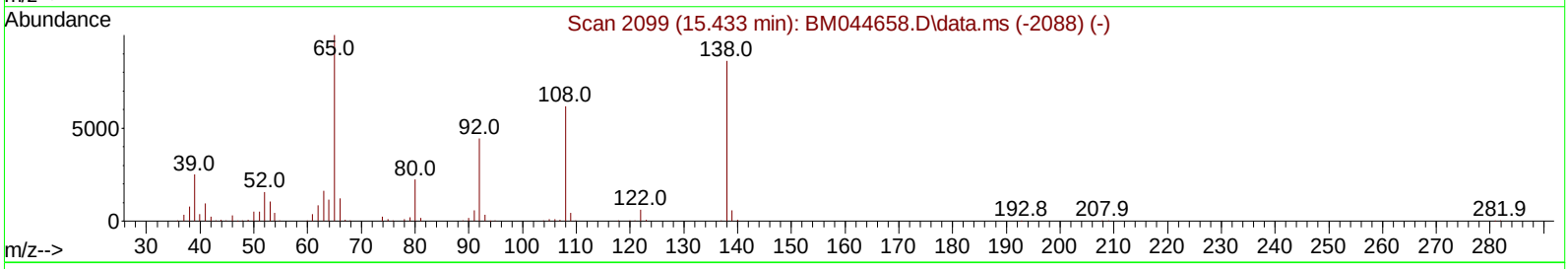

TIC: BM044670.D\data.ms

(63) 4-Nitroaniline

15.433min (-0.000) 37.10 ng/ul m

response 222458

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	51.41
108.00	68.30	72.65
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/20/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	163172	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	651200	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.339	164	364248	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	701285	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	630337	20.000	ng/ul	0.00
88) Perylene-d12	23.538	264	716588	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	28768	5.980	ng/uL	0.00
4) Pyridine-d5	3.652	84	421585	29.773	ng/ul	0.00
7) Phenol-d5	6.869	99	500148	29.813	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.045	67	324074	31.274	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	392727	31.856	ng/ul	0.00
15) 4-Methylphenol-d8	8.398	113	377533	28.655	ng/ul	0.00
21) Nitrobenzene-d5	8.857	128	191397	34.904	ng/ul	0.00
24) 2-Nitrophenol-d4	9.569	143	207106	35.035	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	356979	35.483	ng/ul	0.00
31) 4-Chloroaniline-d4	10.622	131	458360	27.432	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	929071	32.516	ng/ul	0.00
49) Acenaphthylene-d8	14.033	160	1101811	33.718	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143	187914	31.713	ng/ul	0.00
60) Fluorene-d10	15.339	176	799791	33.309	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.468	200	156934	34.474	ng/ul	0.00
73) Anthracene-d10	17.192	188	1185873	35.377	ng/ul	0.00
81) Pyrene-d10	19.498	212	1331324	34.436	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.397	264	1348260	35.796	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	62157	12.480	ng/uL	94
5) Pyridine	3.669	79	416250	28.342	ng/ul	94
6) Benzaldehyde	6.851	77	222468	30.446	ng/ul	94
8) Phenol	6.893	94	509463	29.756	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.140	93	421956	30.014	ng/ul	97
12) 2-Chlorophenol	7.257	128	403175	31.707	ng/ul	97
13) 2-Methylphenol	8.134	108	376074	28.945	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.222	45	613219	33.029	ng/ul	97
16) Acetophenone	8.522	105	592529	28.998	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.504	70	309074	29.277	ng/ul	91
18) 4-Methylphenol	8.463	108	399639	28.257	ng/ul	96
19) Hexachloroethane	8.751	117	170076	32.653	ng/ul	97
22) Nitrobenzene	8.898	77	459251	35.316	ng/ul	98
23) Isophorone	9.422	82	843208	31.782	ng/ul	98
25) 2-Nitrophenol	9.598	139	216681	33.622	ng/ul	97
26) 2,4-Dimethylphenol	9.657	107	386789	32.984	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.904	93	534370	32.026	ng/ul	99
29) 2,4-Dichlorophenol	10.122	162	342589	34.108	ng/ul	99
30) Naphthalene	10.522	128	1240992	33.647	ng/ul	100
32) 4-Chloroaniline	10.645	127	317457	19.707	ng/ul	99
33) Hexachlorobutadiene	10.792	225	209680	37.246	ng/ul	98
34) Caprolactam	11.428	113	104825m	26.799	ng/ul	
35) 4-Chloro-3-methylphenol	11.769	107	365222	31.356	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.145	142	783851	31.960	ng/ul	100
37) 1-Methylnaphthalene	12.363	142	766772	31.692	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.510	216	372102	35.908	ng/ul	100
40) Hexachlorocyclopentadiene	12.480	237	239780	34.857	ng/ul	99
41) 2,4,6-Trichlorophenol	12.763	196	236709	32.584	ng/ul	97
42) 2,4,5-Trichlorophenol	12.833	196	254367	32.673	ng/ul	99
43) 1,1'-Biphenyl	13.169	154	974148	33.679	ng/ul	99
44) 2-Chloronaphthalene	13.210	162	770898	33.963	ng/ul	98
45) 2-Nitroaniline	13.427	65	244541	34.318	ng/ul	98
47) Dimethylphthalate	13.810	163	935010	32.158	ng/ul	100
48) 2,6-Dinitrotoluene	13.933	165	184047	31.691	ng/ul	97
50) Acenaphthylene	14.063	152	1272092	33.400	ng/ul	100
51) 3-Nitroaniline	14.263	138	191302	30.496	ng/ul	97
52) Acenaphthene	14.404	153	838021	33.470	ng/ul	99
53) 2,4-Dinitrophenol	14.474	184	101097	27.214	ng/ul	98
55) 4-Nitrophenol	14.568	109	136963	32.990	ng/ul	92
56) Dibenzofuran	14.745	168	1110501	33.343	ng/ul	99
57) 2,4-Dinitrotoluene	14.721	165	268492	32.027	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.968	232	193939	30.102	ng/ul	98
59) Diethylphthalate	15.180	149	957753	31.740	ng/ul	100
61) Fluorene	15.398	166	917277	33.675	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.398	204	440621	34.853	ng/ul	98
63) 4-Nitroaniline	15.433	138	222458m	37.104	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.486	198	164135	33.741	ng/ul	100
67) N-Nitrosodiphenylamine	15.615	169	746729	35.354	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	256583	36.579	ng/ul	98
69) Hexachlorobenzene	16.392	284	294382	36.846	ng/ul	97
70) Atrazine	16.574	200	105376	15.267	ng/ul	98
71) Pentachlorophenol	16.739	266	156079	29.585	ng/ul	99
72) Phenanthrene	17.139	178	1387184	34.870	ng/ul	100
74) Anthracene	17.233	178	1411231	35.076	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.127	216	367680	39.253	ng/uL	97
76) Pentachlorobenzene	14.657	250	345935	38.200	ng/uL	98
77) Carbazole	17.509	167	1312699	34.721	ng/ul	100
78) Di-n-butylphthalate	18.080	149	1677012	32.977	ng/ul	99
80) Fluoranthene	19.162	202	1571866	34.141	ng/ul	97
82) Pyrene	19.527	202	1636649	34.144	ng/ul	97
83) Butylbenzylphthalate	20.445	149	733818	31.134	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.221	252	486869	35.707	ng/ul	99
85) Benzo(a)anthracene	21.280	228	1603270	33.870	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	1155399	33.622	ng/ul	100
87) Chrysene	21.333	228	1488720	33.970	ng/ul	100
89) Di-n-octyl phthalate	22.115	149	1964360	30.631	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	1567485	32.691	ng/ul	99
91) Benzo(k)fluoranthene	22.909	252	1615878	34.408	ng/ul	100
93) Benzo(a)pyrene	23.444	252	1531242	34.138	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.809	276	1913643	38.038	ng/ul	99
95) Dibenzo(a,h)anthracene	25.827	278	1630419	38.867	ng/ul	98
96) Benzo(g,h,i)perylene	26.503	276	1531273	38.142	ng/ul	98

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

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