Quantitation Report (Qedit)

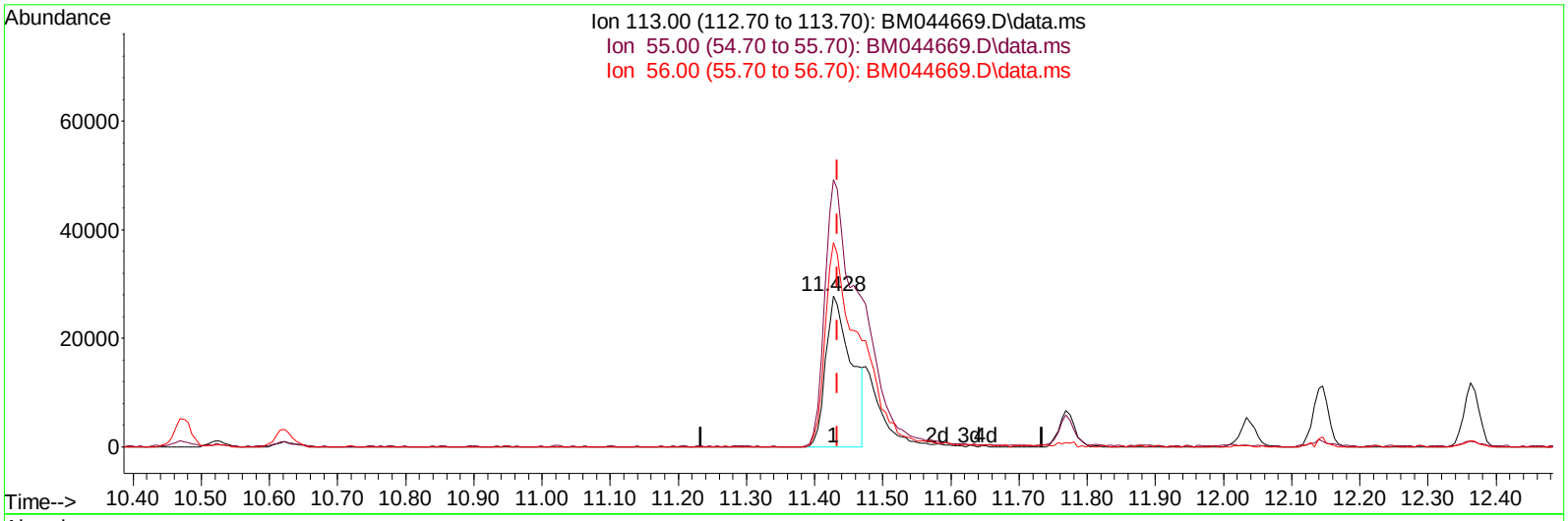
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031924\
Data File : BM044669.D
Acq On : 19 Mar 2024 18:10
Operator : MA/JU
Sample : PB159639BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

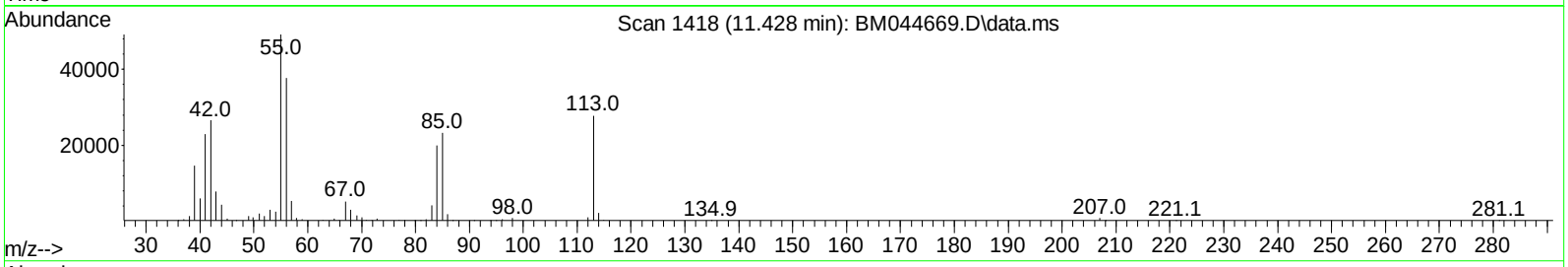
Quant Time: Mar 19 18:40:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 15 11:12:49 2024
Response via : Initial Calibration

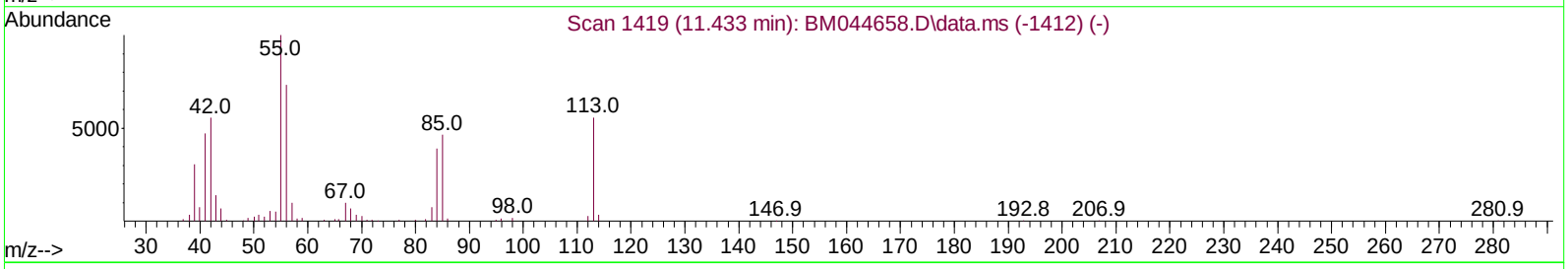
Instrument :
BNA_M
ClientSampleId :
SLCS639

Manual IntegrationsAPPROVED

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







TIC: BM044669.D\data.ms

(34) Caprolactam

11.428min (-0.006) 17.83 ng/ul

response 72369

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	176.85
56.00	127.70	135.46
0.00	0.00	0.00

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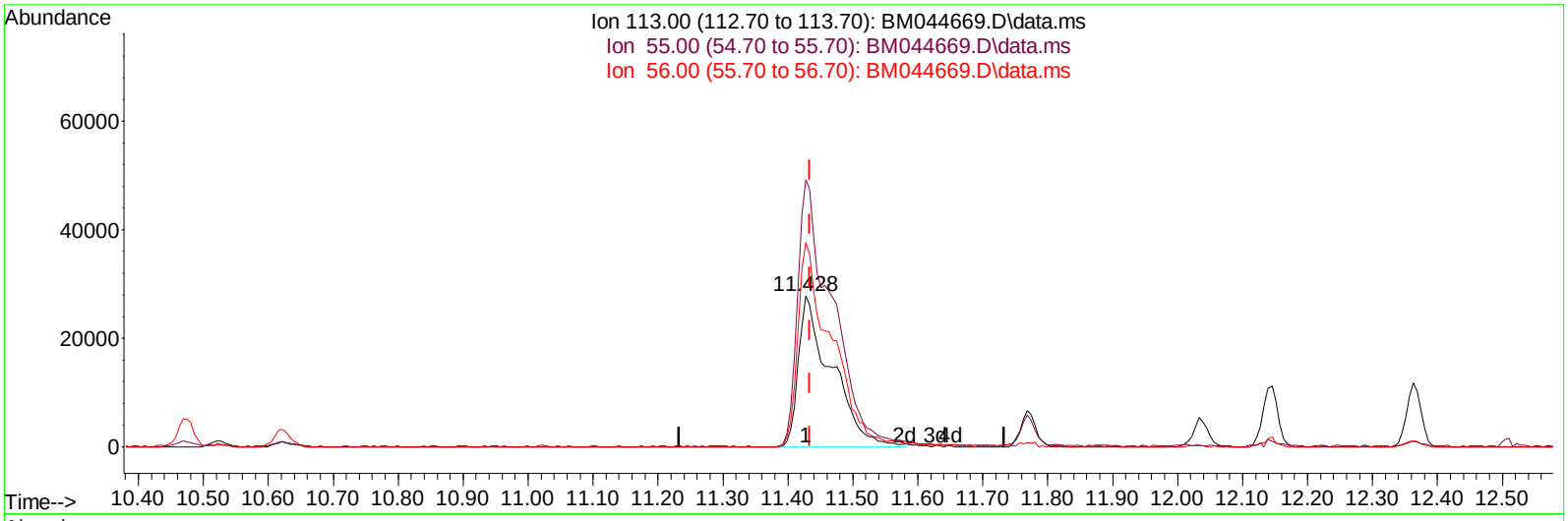

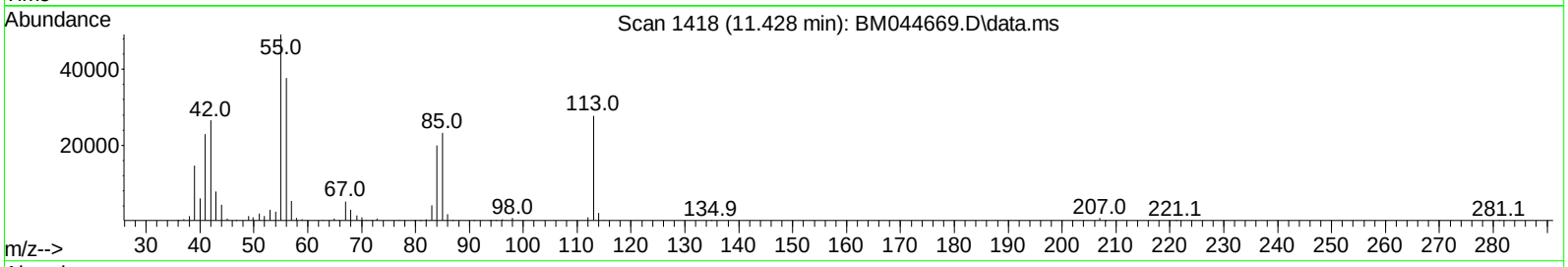

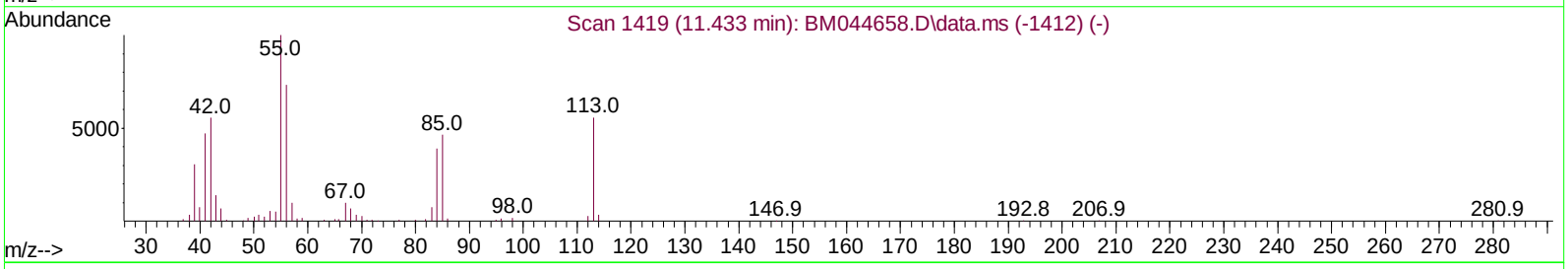

TIC: BM044669.D\data.ms

(34) Caprolactam

11.428min (-0.006) 24.31 ng/ul m

response 98680

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	176.85
56.00	127.70	135.46
0.00	0.00	0.00

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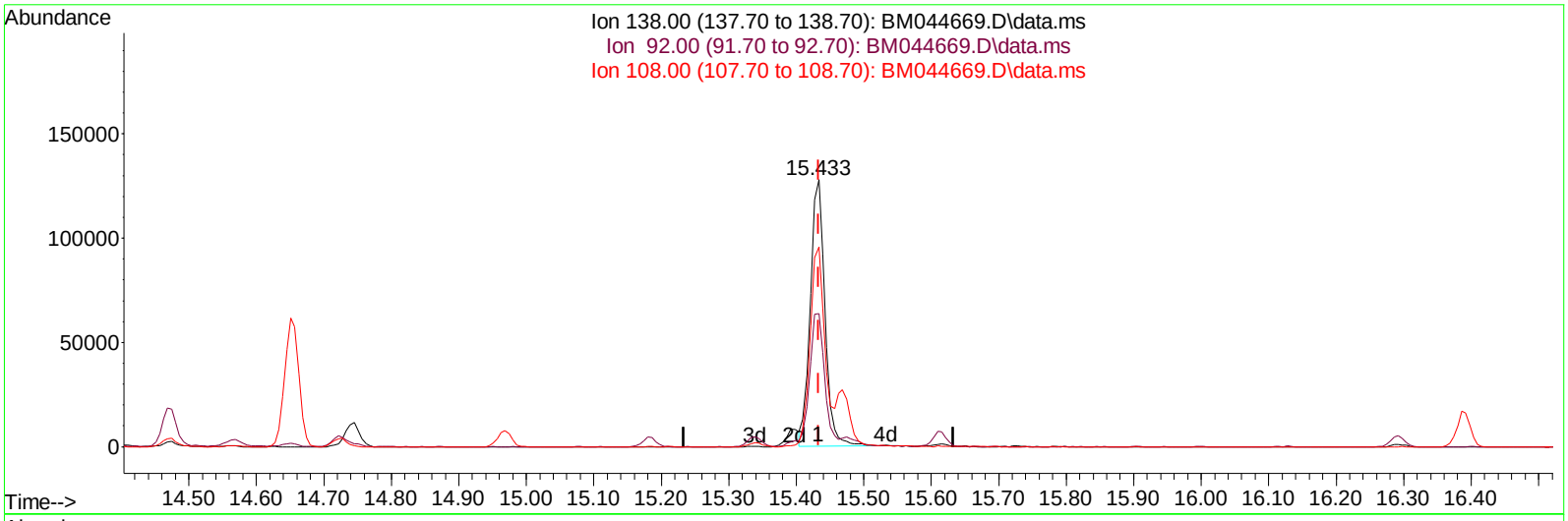

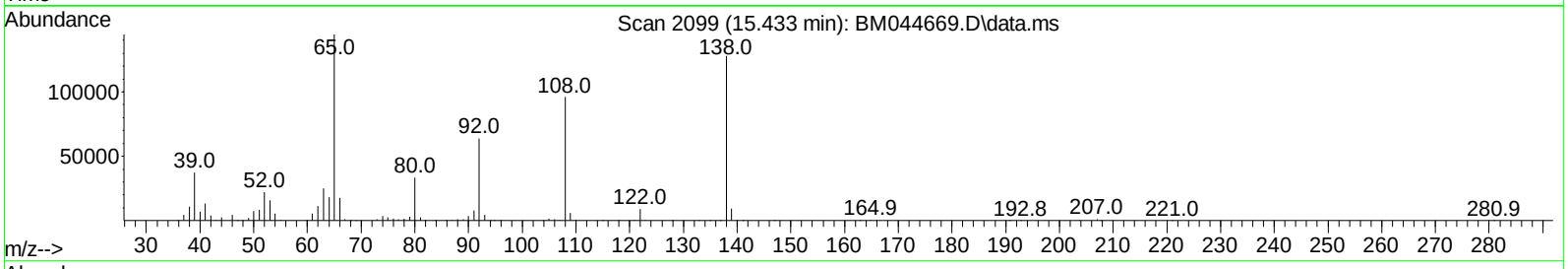

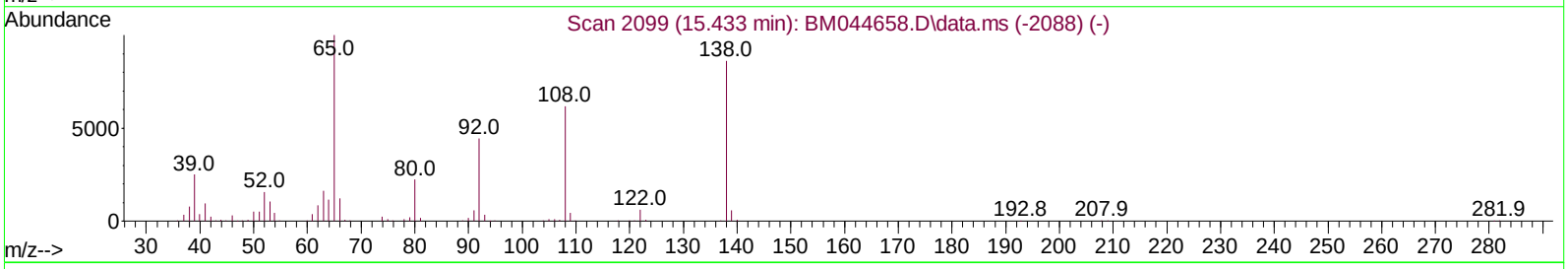

TIC: BM044669.D\data.ms

(63) 4-Nitroaniline

15.433min (+ 0.000) 31.34 ng/ul

response 194062

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	49.95
108.00	68.30	74.93
0.00	0.00	0.00

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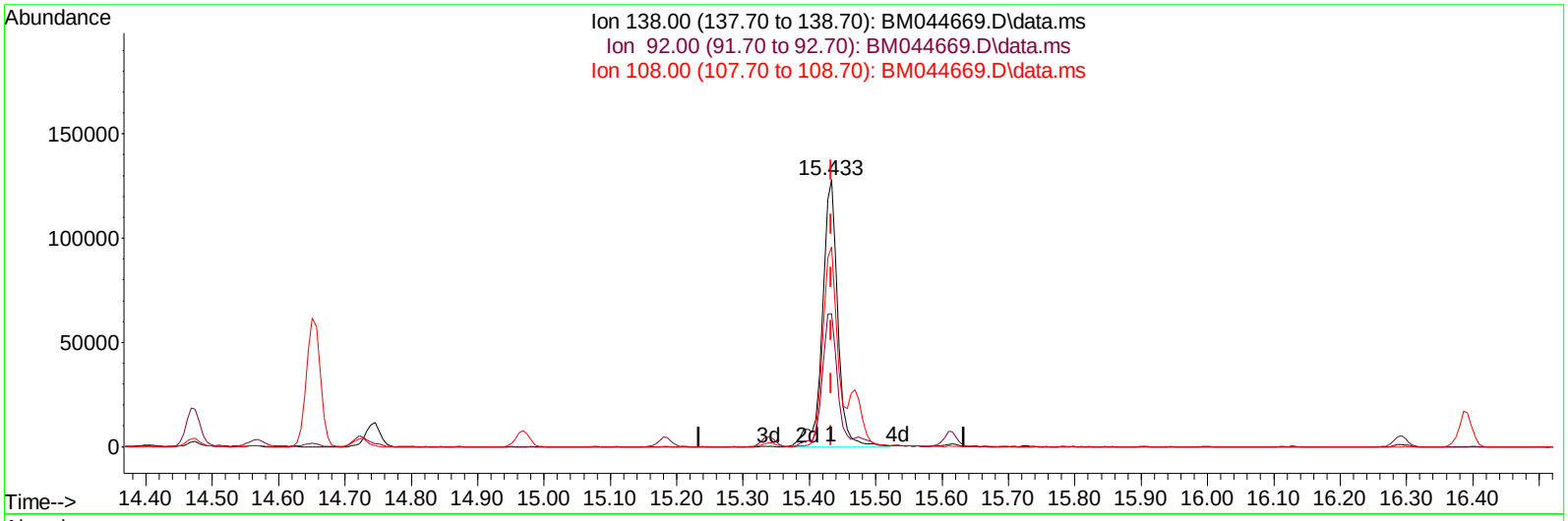

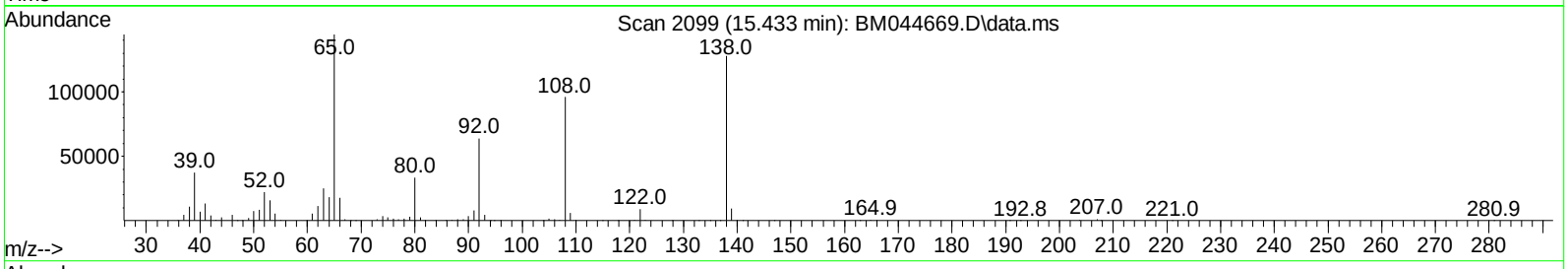

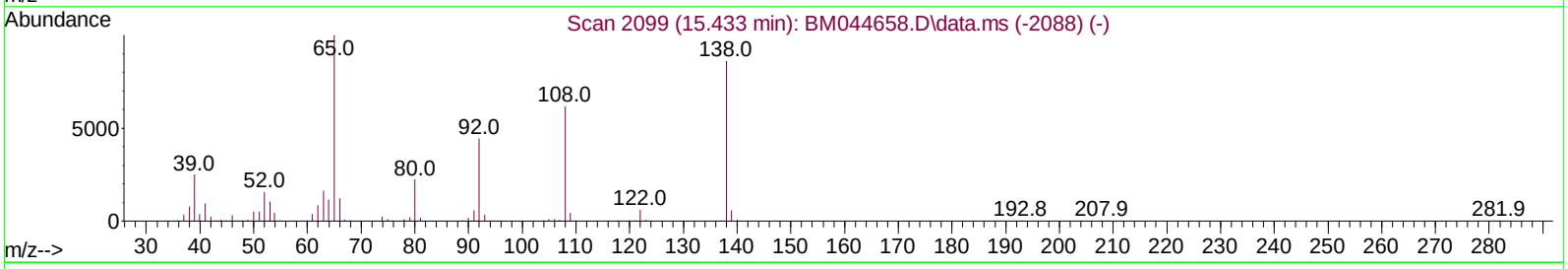

TIC: BM044669.D\data.ms

(63) 4-Nitroaniline

15.433min (+ 0.000) 33.43 ng/ul m

response 206988

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	49.95
108.00	68.30	74.93
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	169065	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	675779	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.339	164	376186	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	717782	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	640000	20.000	ng/ul	0.00
88) Perylene-d12	23.544	264	724848	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	27609	5.539	ng/uL	0.00
4) Pyridine-d5	3.652	84	405038	27.607	ng/ul	0.00
7) Phenol-d5	6.869	99	483745	27.830	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	315253	29.363	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	379037	29.674	ng/ul	0.00
15) 4-Methylphenol-d8	8.398	113	360358	26.398	ng/ul	0.00
21) Nitrobenzene-d5	8.857	128	182899	32.141	ng/ul	0.00
24) 2-Nitrophenol-d4	9.569	143	198014	32.279	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	340751	32.638	ng/ul	0.00
31) 4-Chloroaniline-d4	10.622	131	451132	26.017	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	886734	30.049	ng/ul	0.00
49) Acenaphthylene-d8	14.033	160	1051569	31.159	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143	173180	28.299	ng/ul	0.00
60) Fluorene-d10	15.339	176	763182	30.776	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	149083	31.997	ng/ul	0.00
73) Anthracene-d10	17.198	188	1109204	32.329	ng/ul	0.00
81) Pyrene-d10	19.498	212	1243634	31.682	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.397	264	1267110	33.258	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	59275	11.486	ng/uL	97
5) Pyridine	3.669	79	393892	25.885	ng/ul	94
6) Benzaldehyde	6.857	77	217528	28.732	ng/ul	93
8) Phenol	6.893	94	494009	27.848	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.134	93	406079	27.878	ng/ul	97
12) 2-Chlorophenol	7.257	128	387317	29.398	ng/ul	98
13) 2-Methylphenol	8.134	108	359460	26.702	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	589783	30.659	ng/ul	95
16) Acetophenone	8.522	105	571986	27.017	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.504	70	298097	27.253	ng/ul	91
18) 4-Methylphenol	8.463	108	382443	26.098	ng/ul	97
19) Hexachloroethane	8.751	117	166236	30.803	ng/ul	96
22) Nitrobenzene	8.898	77	442557	32.794	ng/ul	97
23) Isophorone	9.416	82	817208	29.681	ng/ul	97
25) 2-Nitrophenol	9.598	139	208063	31.110	ng/ul	98
26) 2,4-Dimethylphenol	9.657	107	354841	29.159	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.904	93	517091	29.863	ng/ul	99
29) 2,4-Dichlorophenol	10.128	162	326588	31.333	ng/ul	99
30) Naphthalene	10.528	128	1196876	31.271	ng/ul	100
32) 4-Chloroaniline	10.645	127	307903	18.419	ng/ul	99
33) Hexachlorobutadiene	10.792	225	201638	34.515	ng/ul	98
34) Caprolactam	11.428	113	98680m	24.310	ng/ul	
35) 4-Chloro-3-methylphenol	11.769	107	343265	28.399	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	760063	29.863	ng/ul	99
37) 1-Methylnaphthalene	12.363	142	745255	29.682	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.510	216	358347	33.483	ng/ul	98
40) Hexachlorocyclopentadiene	12.480	237	218495	30.755	ng/ul	99
41) 2,4,6-Trichlorophenol	12.763	196	224757	29.957	ng/ul	99
42) 2,4,5-Trichlorophenol	12.828	196	243354	30.266	ng/ul	97
43) 1,1'-Biphenyl	13.169	154	943981	31.601	ng/ul	99
44) 2-Chloronaphthalene	13.210	162	742898	31.691	ng/ul	100
45) 2-Nitroaniline	13.427	65	225961	30.704	ng/ul	98
47) Dimethylphthalate	13.810	163	886613	29.526	ng/ul	100
48) 2,6-Dinitrotoluene	13.933	165	175663	29.287	ng/ul	98
50) Acenaphthylene	14.063	152	1223033	31.093	ng/ul	99
51) 3-Nitroaniline	14.263	138	182753	28.209	ng/ul	98
52) Acenaphthene	14.404	153	803119	31.058	ng/ul	100
53) 2,4-Dinitrophenol	14.474	184	95137	24.797	ng/ul	98
55) 4-Nitrophenol	14.569	109	126896	29.595	ng/ul	89
56) Dibenzofuran	14.745	168	1059305	30.797	ng/ul	99
57) 2,4-Dinitrotoluene	14.722	165	251815	29.085	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.969	232	185159	27.827	ng/ul	100
59) Diethylphthalate	15.180	149	907549	29.122	ng/ul	99
61) Fluorene	15.398	166	873331	31.045	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.398	204	414494	31.746	ng/ul	97
63) 4-Nitroaniline	15.433	138	206988m	33.428	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.486	198	154375	31.006	ng/ul	99
67) N-Nitrosodiphenylamine	15.616	169	708805	32.787	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	243643	33.936	ng/ul	99
69) Hexachlorobenzene	16.392	284	280638	34.318	ng/ul	95
70) Atrazine	16.574	200	98121	13.889	ng/ul	99
71) Pentachlorophenol	16.739	266	146047	27.047	ng/ul	99
72) Phenanthrene	17.139	178	1304836	32.046	ng/ul	99
74) Anthracene	17.227	178	1325439	32.187	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.127	216	350839	36.595	ng/uL	98
76) Pentachlorobenzene	14.657	250	332352	35.857	ng/uL	99
77) Carbazole	17.510	167	1232077	31.840	ng/ul	100
78) Di-n-butylphthalate	18.080	149	1572088	30.204	ng/ul	100
80) Fluoranthene	19.162	202	1454214	31.108	ng/ul	97
82) Pyrene	19.527	202	1531252	31.463	ng/ul	97
83) Butylbenzylphthalate	20.445	149	684638	28.609	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.221	252	464427	33.547	ng/ul	99
85) Benzo(a)anthracene	21.280	228	1491490	31.033	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	1081399	30.993	ng/ul	99
87) Chrysene	21.333	228	1398741	31.435	ng/ul	100
89) Di-n-octyl phthalate	22.115	149	1839990	28.365	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	1529595	31.537	ng/ul	100
91) Benzo(k)fluoranthene	22.915	252	1447936	30.481	ng/ul	98
93) Benzo(a)pyrene	23.444	252	1418567	31.266	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.815	276	1803705	35.444	ng/ul	99
95) Dibenzo(a,h)anthracene	25.827	278	1523015	35.893	ng/ul	99
96) Benzo(g,h,i)perylene	26.503	276	1441746	35.503	ng/ul	99

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

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