Quantitation Report (Qedit)

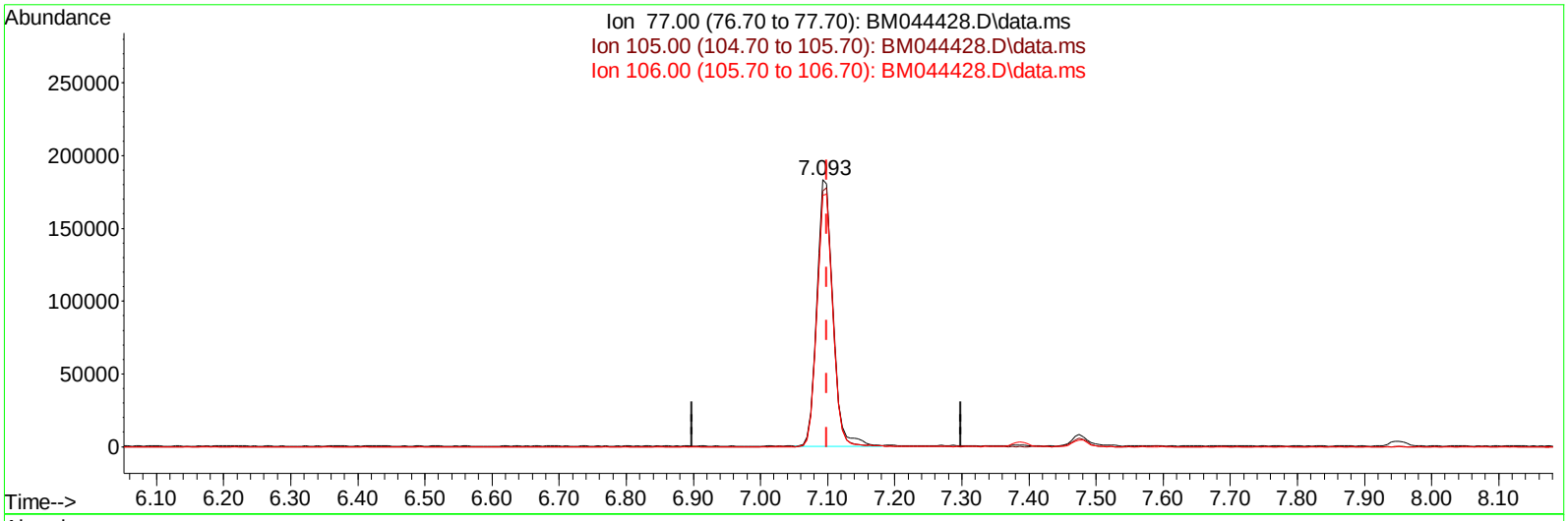
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
Data File : BM044428.D
Acq On : 29 Feb 2024 06:55
Operator : MA/JU
Sample : PB159340BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

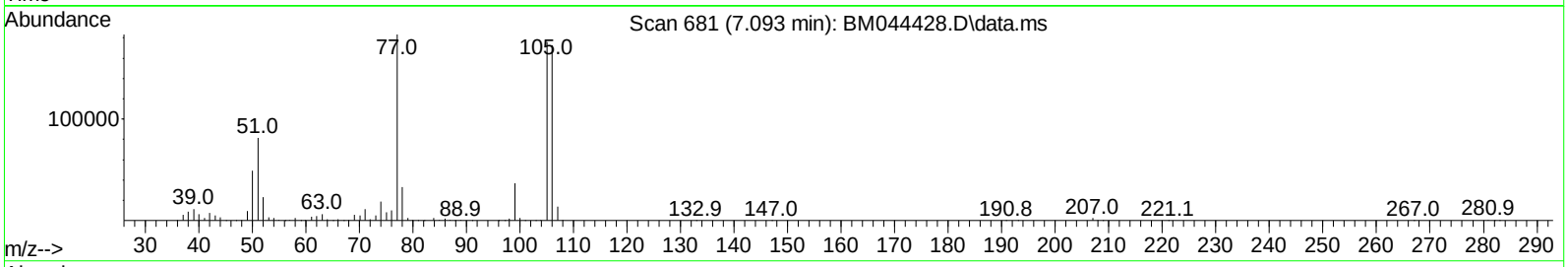
Quant Time: Feb 29 07:28:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 29 03:37:20 2024
Response via : Initial Calibration

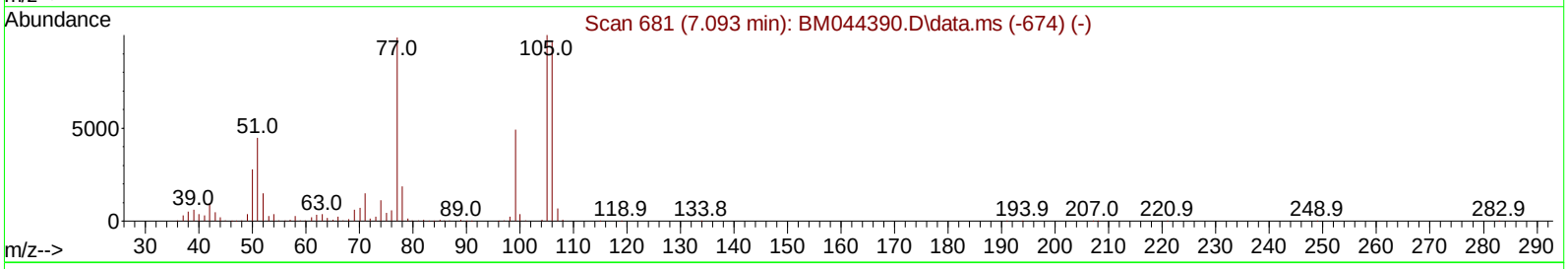
Instrument :
BNA_M
ClientSampleId :
SLCS340

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/01/2024
Supervised By :mohammad ahmed 03/02/2024







TIC: BM044428.D\data.ms

(6) Benzaldehyde

7.093min (-0.006) 41.75 ng/ul

response 303726

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.80	95.92
106.00	96.80	94.17
0.00	0.00	0.00

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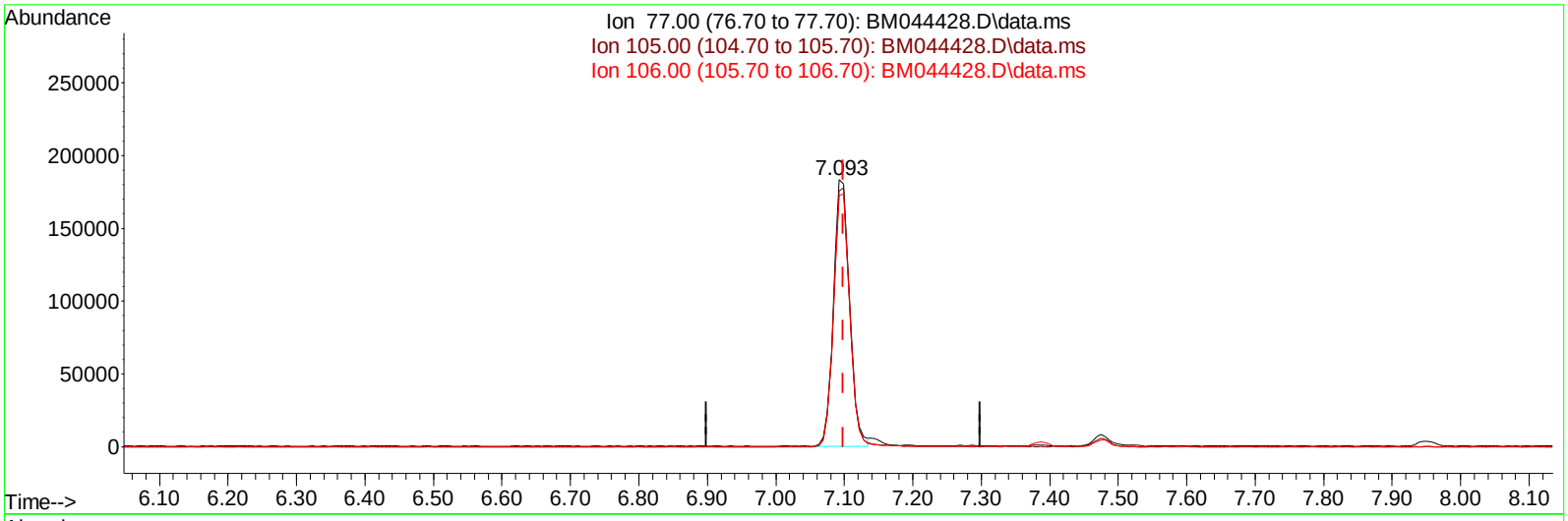

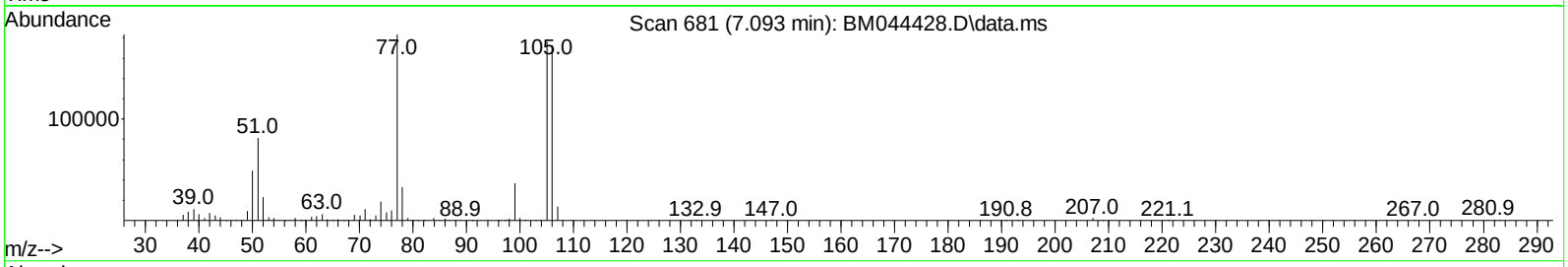

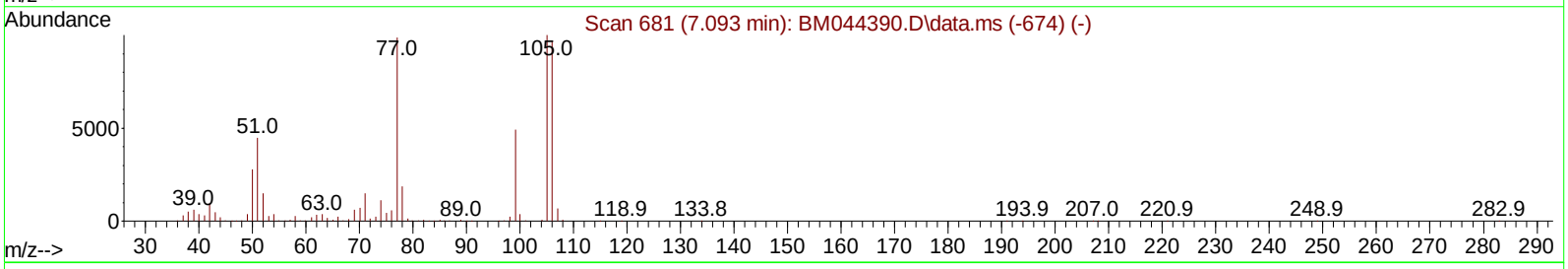

TIC: BM044428.D\data.ms

(6) Benzaldehyde

7.093min (-0.006) 40.97 ng/ul m

response 298049

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.80	95.92
106.00	96.80	94.17
0.00	0.00	0.00

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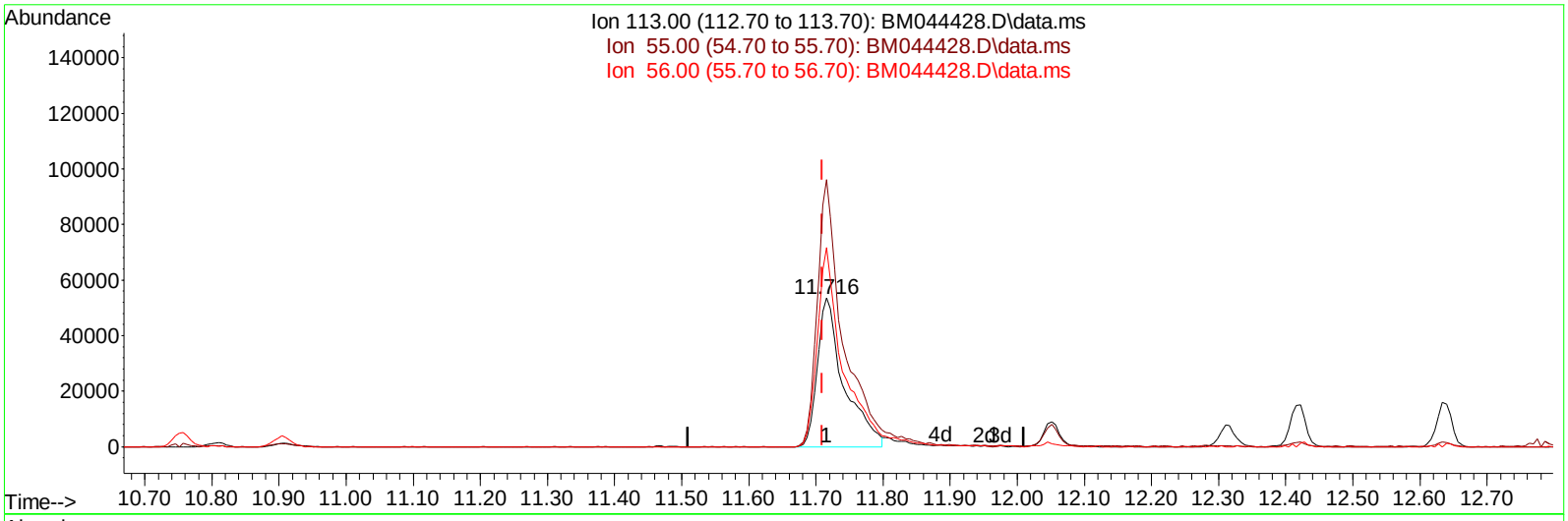

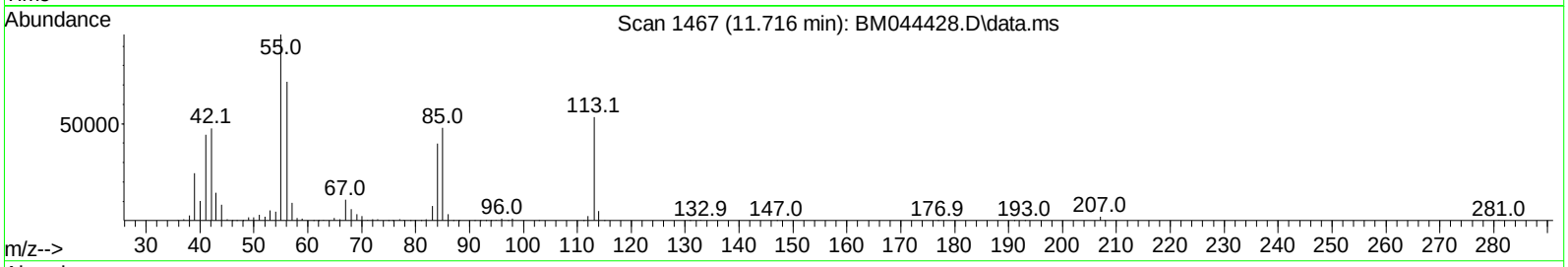

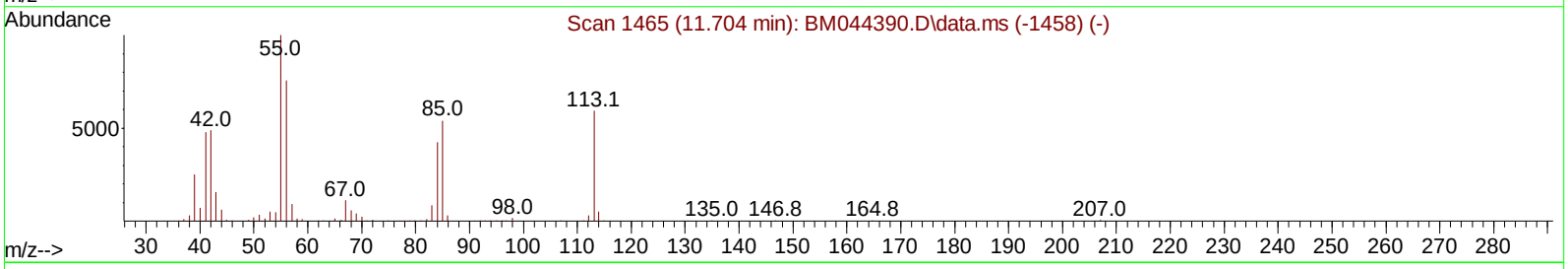

TIC: BM044428.D\data.ms

(34) Caprolactam

11.716min (+ 0.006) 37.11 ng/ul

response 146698

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.90	179.45
56.00	128.00	134.10
0.00	0.00	0.00

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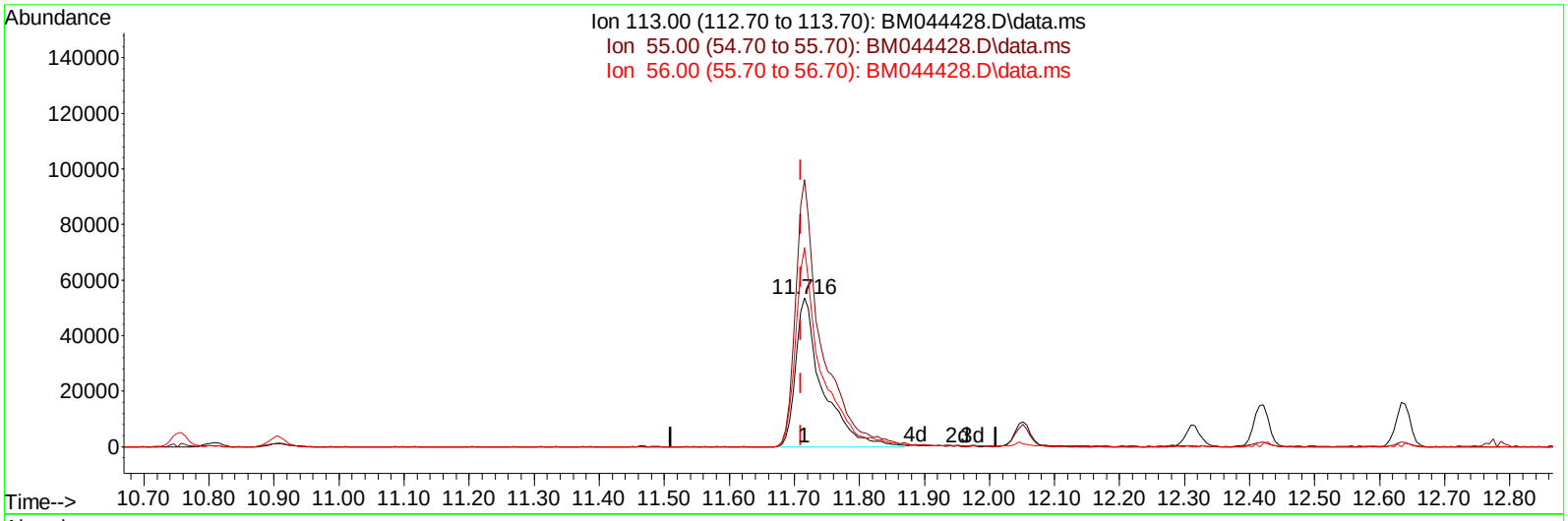

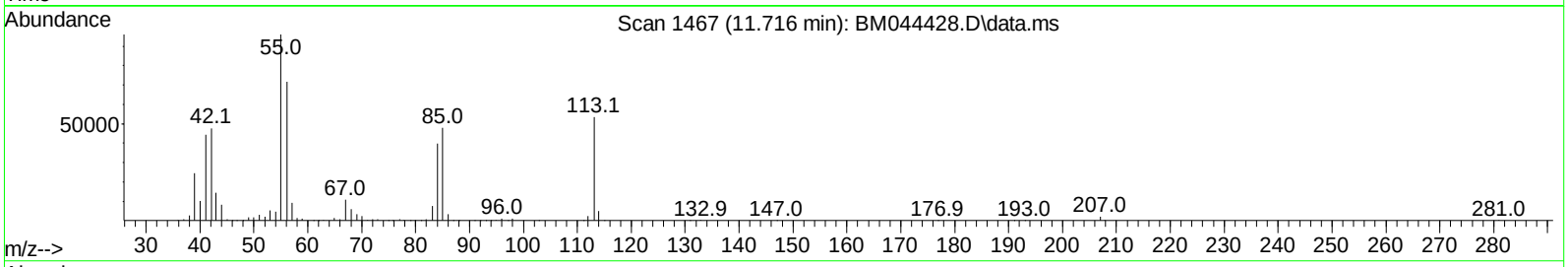

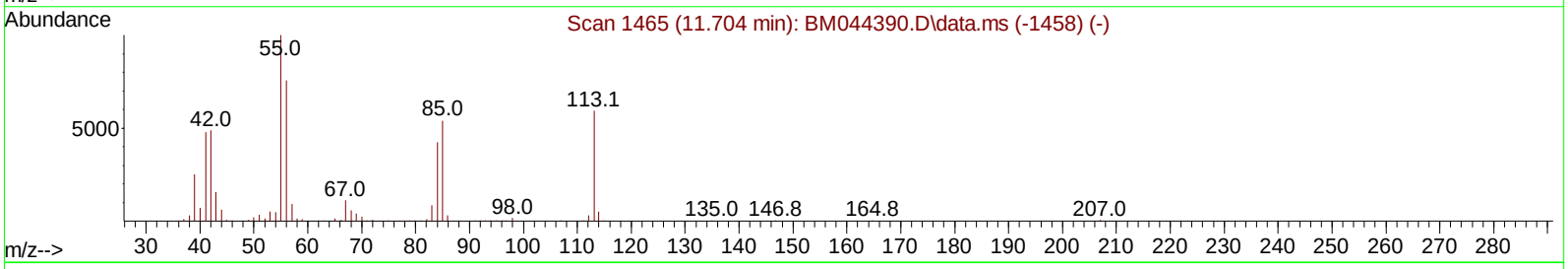

TIC: BM044428.D\data.ms

(34) Caprolactam

11.716min (+ 0.006) 38.89 ng/ul m

response 153762

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.90	179.45
56.00	128.00	134.10
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	7.951	152	174964	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	772231	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	450485	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.339	188	922741	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	781759	20.000	ng/ul	0.00
88) Perylene-d12	23.956	264	821126	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	40759	7.350	ng/uL	0.00
4) Pyridine-d5	3.781	84	584336	38.584	ng/ul	0.00
7) Phenol-d5	7.116	99	667073	39.799	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	420110	38.706	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	525007	41.589	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	509759	40.195	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	255255	40.653	ng/ul	0.00
24) 2-Nitrophenol-d4	9.845	143	276257	43.125	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	489834	43.348	ng/ul	0.00
31) 4-Chloroaniline-d4	10.904	131	666422	35.115	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	1419325	40.852	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	1671963	41.826	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	282484	40.860	ng/ul	0.00
60) Fluorene-d10	15.586	176	1222085	41.558	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	228772	39.957	ng/ul	0.00
73) Anthracene-d10	17.439	188	1865146	42.392	ng/ul	0.00
81) Pyrene-d10	19.733	212	2097256	44.592	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.803	264	1870730	44.461	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	81639	13.967	ng/uL	96
5) Pyridine	3.805	79	551700	34.821	ng/ul	98
6) Benzaldehyde	7.093	77	298049m	40.966	ng/ul	
8) Phenol	7.140	94	654553	37.570	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.387	93	531157	36.423	ng/ul	98
12) 2-Chlorophenol	7.510	128	508579	38.942	ng/ul	97
13) 2-Methylphenol	8.398	108	478023	37.242	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.481	45	719505	36.086	ng/ul	99
16) Acetophenone	8.787	105	768504	37.929	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.775	70	397436	39.157	ng/ul	98
18) 4-Methylphenol	8.734	108	518650	37.932	ng/ul	98
19) Hexachloroethane	9.022	117	205996	37.181	ng/ul	96
22) Nitrobenzene	9.163	77	572406	37.696	ng/ul	99
23) Isophorone	9.692	82	1118637	38.011	ng/ul	99
25) 2-Nitrophenol	9.875	139	278642	39.219	ng/ul	97
26) 2,4-Dimethylphenol	9.934	107	471974	34.790	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.187	93	713117	37.274	ng/ul	98
29) 2,4-Dichlorophenol	10.404	162	454679	39.757	ng/ul	99
30) Naphthalene	10.804	128	1642845	37.406	ng/ul	99
32) 4-Chloroaniline	10.928	127	505603	27.339	ng/ul	98
33) Hexachlorobutadiene	11.081	225	258296	37.489	ng/ul	98
34) Caprolactam	11.716	113	153762m	38.895	ng/ul	
35) 4-Chloro-3-methylphenol	12.051	107	497215	40.808	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.416	142	1074438	38.408 ng/ul	100
37) 1-Methylnaphthalene	12.633	142	1047630	37.883 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.781	216	498087	37.350 ng/ul	99
40) Hexachlorocyclopentadiene	12.751	237	263423	29.360 ng/ul	98
41) 2,4,6-Trichlorophenol	13.028	196	331772	39.030 ng/ul	99
42) 2,4,5-Trichlorophenol	13.098	196	368269	40.077 ng/ul	99
43) 1,1'-Biphenyl	13.433	154	1359626	37.073 ng/ul	99
44) 2-Chloronaphthalene	13.469	162	1085055	37.785 ng/ul	100
45) 2-Nitroaniline	13.686	65	323815	40.729 ng/ul	95
47) Dimethylphthalate	14.063	163	1360334	38.309 ng/ul	100
48) 2,6-Dinitrotoluene	14.186	165	274260	41.300 ng/ul	96
50) Acenaphthylene	14.316	152	1803979	38.101 ng/ul	100
51) 3-Nitroaniline	14.510	138	288737	41.214 ng/ul	98
52) Acenaphthene	14.651	153	1177587	37.674 ng/ul	100
53) 2,4-Dinitrophenol	14.716	184	138120	33.518 ng/ul	99
55) 4-Nitrophenol	14.816	109	181945	38.309 ng/ul	94
56) Dibenzofuran	14.992	168	1578919	37.628 ng/ul	100
57) 2,4-Dinitrotoluene	14.969	165	403625	42.307 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.216	232	292937	39.612 ng/ul	95
59) Diethylphthalate	15.427	149	1436194	39.292 ng/ul	99
61) Fluorene	15.639	166	1296628	38.474 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.639	204	615562	38.756 ng/ul	99
63) 4-Nitroaniline	15.674	138	327019	48.262 ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.727	198	227346	36.299 ng/ul	99
67) N-Nitrosodiphenylamine	15.857	169	1103833	39.475 ng/ul	99
68) 4-Bromophenyl-phenylether	16.533	248	364520	39.760 ng/ul	99
69) Hexachlorobenzene	16.633	284	415915	39.636 ng/ul	97
70) Atrazine	16.816	200	224106	24.466 ng/ul	99
71) Pentachlorophenol	16.980	266	253511	36.660 ng/ul	99
72) Phenanthrene	17.380	178	2058845	38.894 ng/ul	99
74) Anthracene	17.474	178	2094195	39.293 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.386	216	500180	38.724 ng/uL	100
76) Pentachlorobenzene	14.904	250	472739	38.338 ng/uL	97
77) Carbazole	17.751	167	1969084	39.292 ng/ul	100
78) Di-n-butylphthalate	18.327	149	2643115	41.655 ng/ul	100
80) Fluoranthene	19.398	202	2342436	41.528 ng/ul	99
82) Pyrene	19.762	202	2410406	40.747 ng/ul	99
83) Butylbenzylphthalate	20.680	149	1180827	44.442 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.462	252	658535	37.660 ng/ul	99
85) Benzo(a)anthracene	21.521	228	2319492	39.782 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	1830929	45.009 ng/ul#	100
87) Chrysene	21.574	228	2178819	39.755 ng/ul	99
89) Di-n-octyl phthalate	22.409	149	3103643	44.115 ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	2230288	42.368 ng/ul	99
91) Benzo(k)fluoranthene	23.268	252	2203488	40.755 ng/ul	99
93) Benzo(a)pyrene	23.850	252	2089850	41.177 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.486	276	2477568	40.367 ng/ul	98
95) Dibenzo(a,h)anthracene	26.515	278	2094699	40.841 ng/ul	99
96) Benzo(g,h,i)perylene	27.262	276	1989900	40.081 ng/ul	98

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

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