Quantitation Report (Qedit)

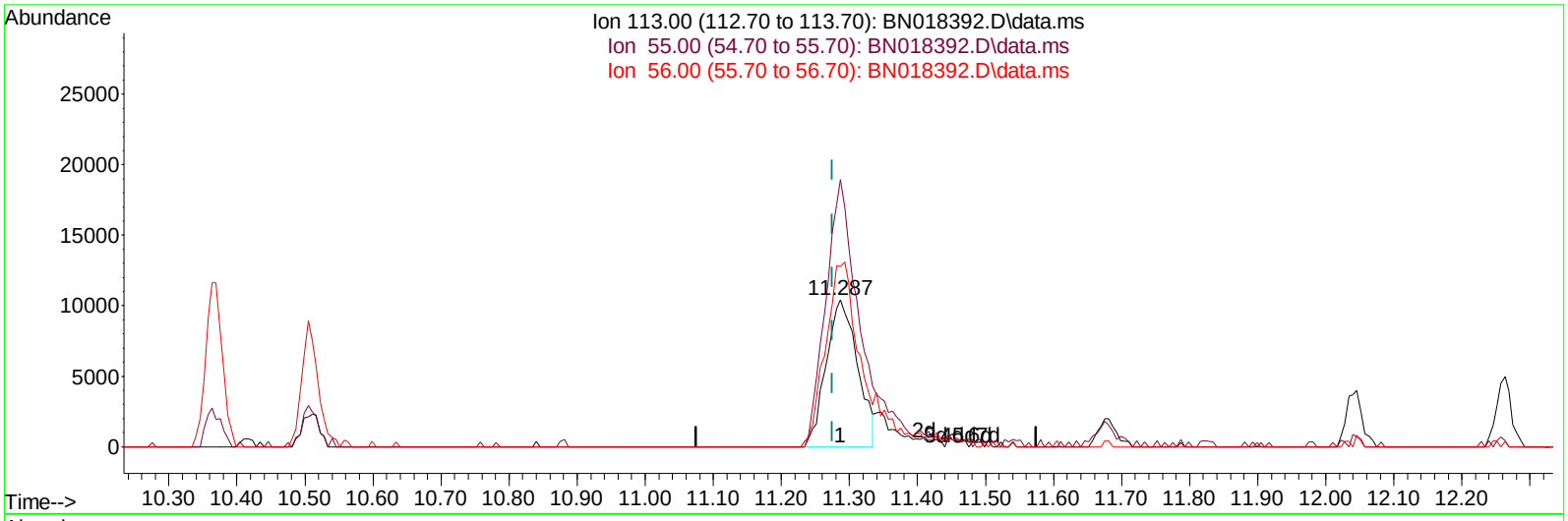
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011222\
Data File : BN018392.D
Acq On : 12 Jan 2022 14:37
Operator : CG/JU
Sample : M3263-05
Misc : SFSAM-MDL-ME-SOIL-01
ALS Vial : 8 Sample Multiplier: 1

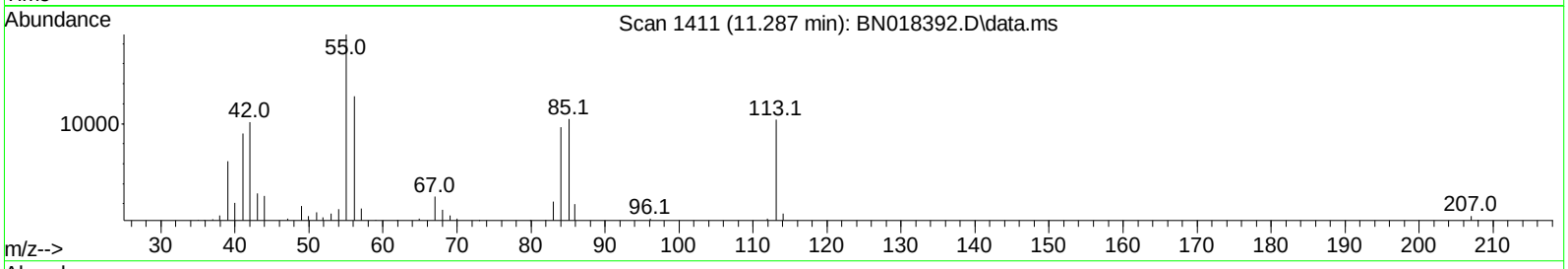
Quant Time: Jan 12 15:17:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 07 01:31:51 2022
Response via : Initial Calibration

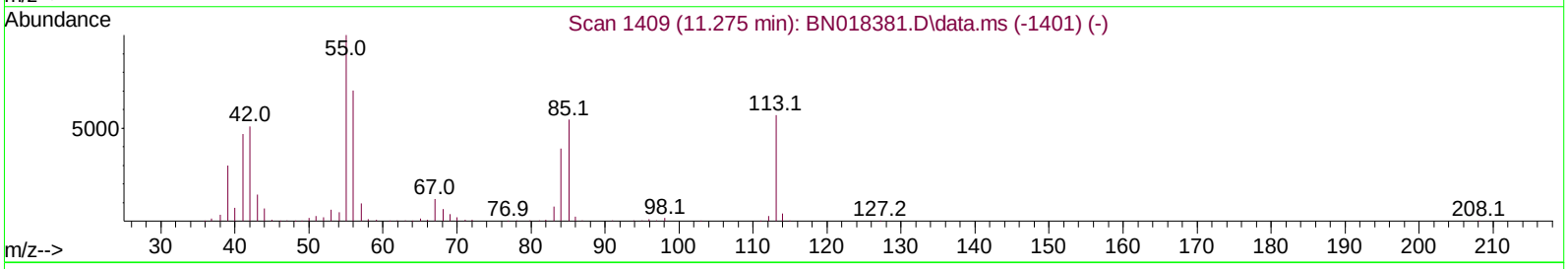
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2021-07

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/12/2022
Supervised By :mohammad ahmed 01/18/2022







TIC: BN018392.D\data.ms

(34) Caprolactam

11.287min (+ 0.012) 3.76 ng/ul

response 33242

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	184.30	181.91
56.00	134.50	122.69
0.00	0.00	0.00

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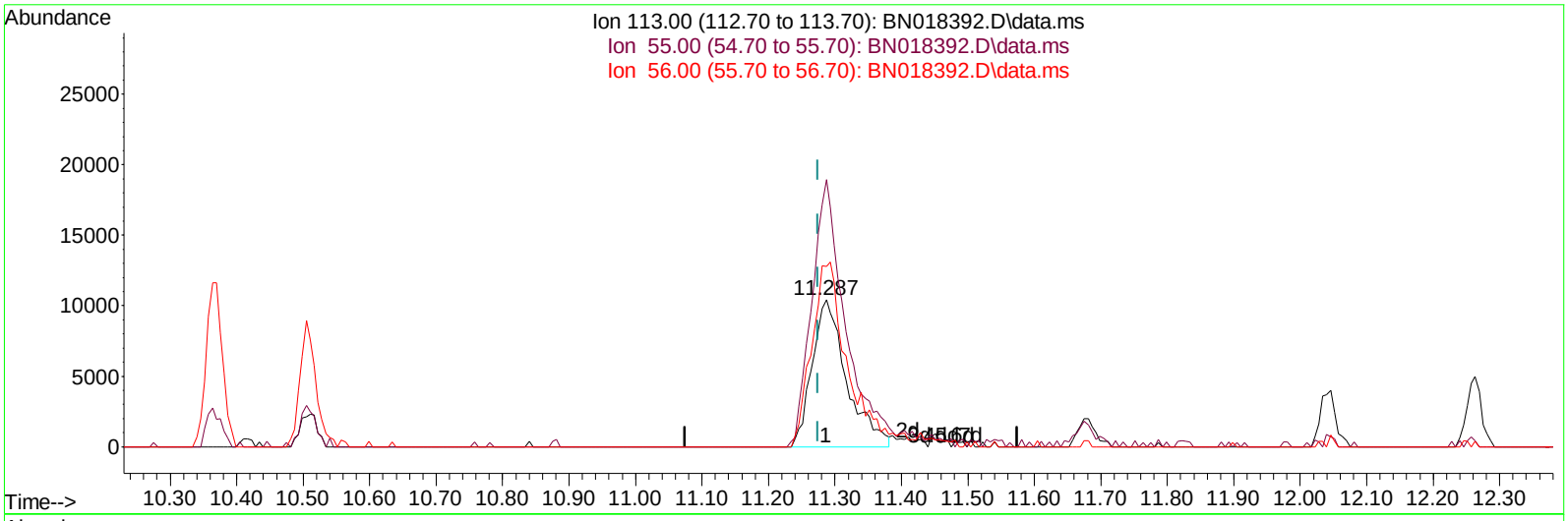

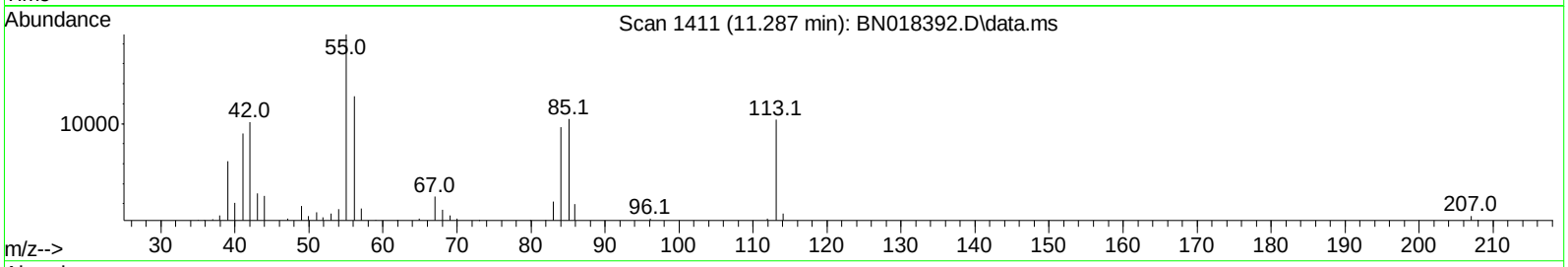

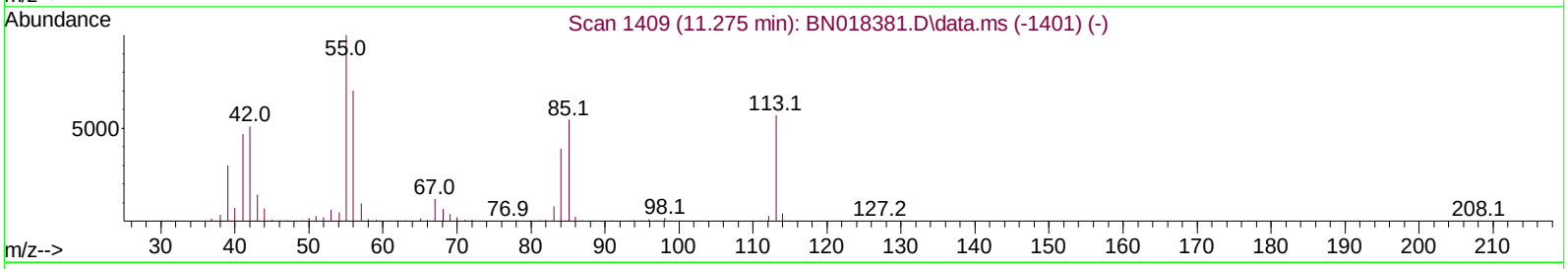

TIC: BN018392.D\data.ms

(34) Caprolactam

11.287min (+ 0.012) 4.24 ng/ul m

response 37508

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	184.30	181.91
56.00	134.50	122.69
0.00	0.00	0.00

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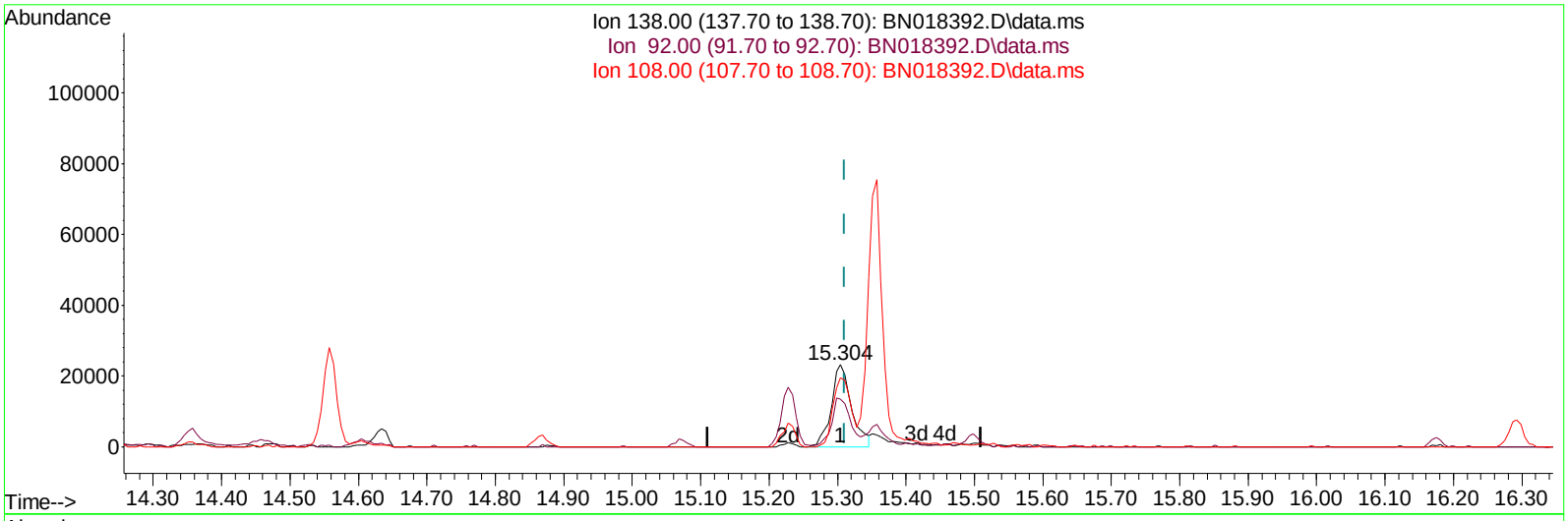

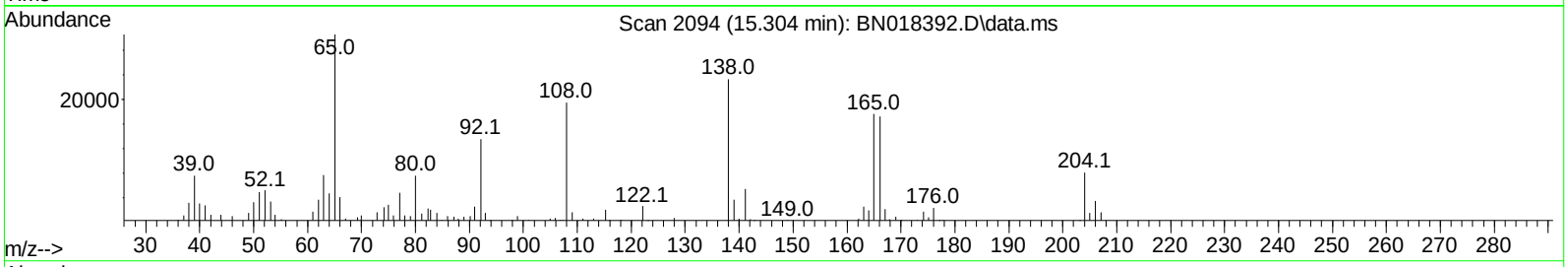

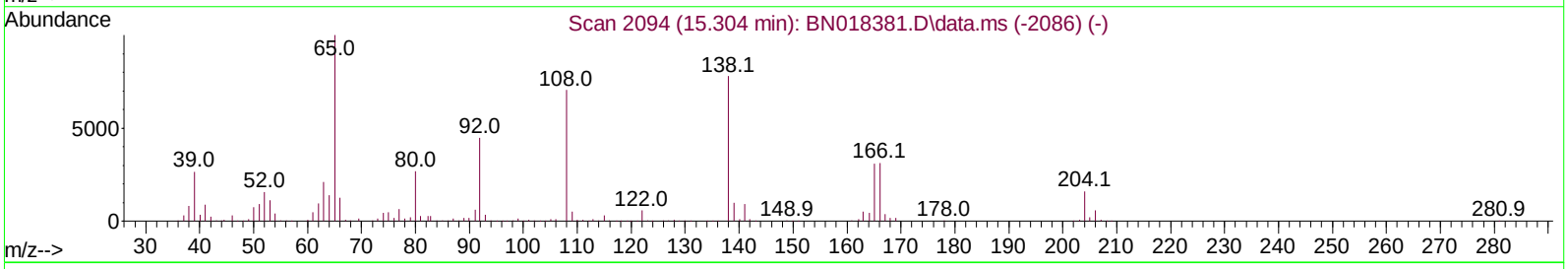

TIC: BN018392.D\data.ms

(63) 4-Nitroaniline

15.304min (-0.006) 3.42 ng/ul

response 47360

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.00	58.11
108.00	85.00	83.77
0.00	0.00	0.00

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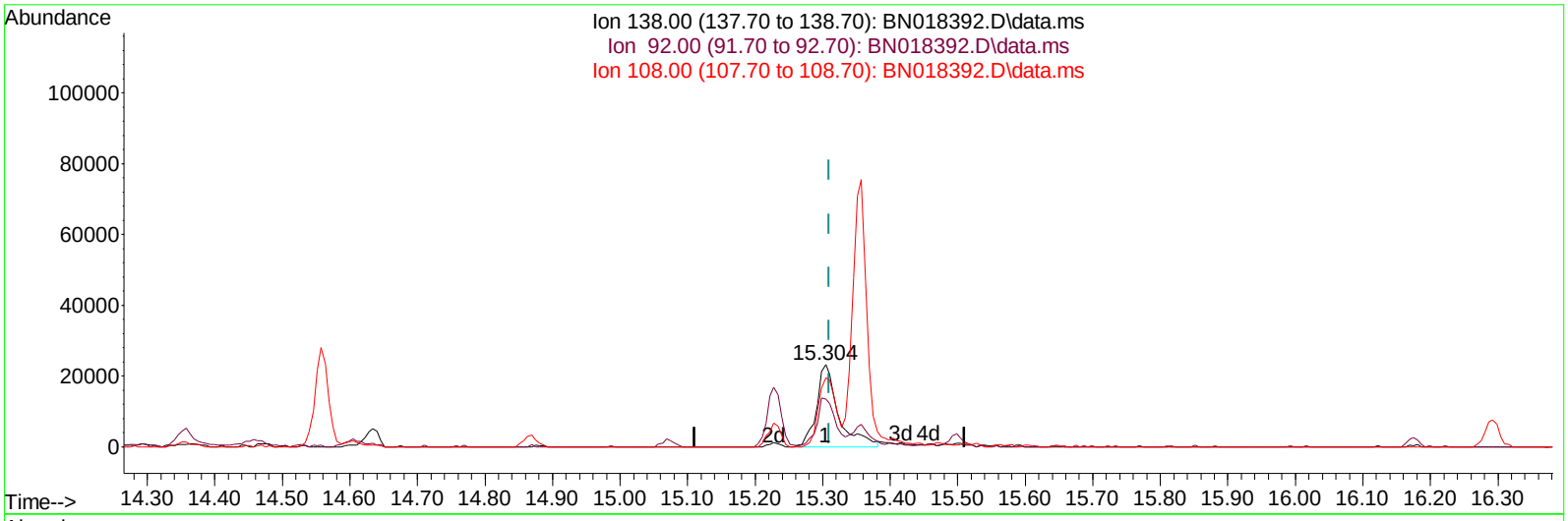

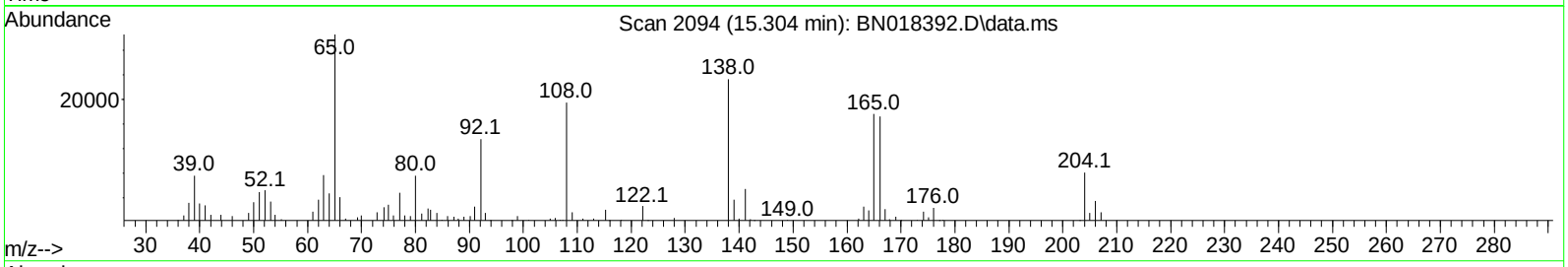

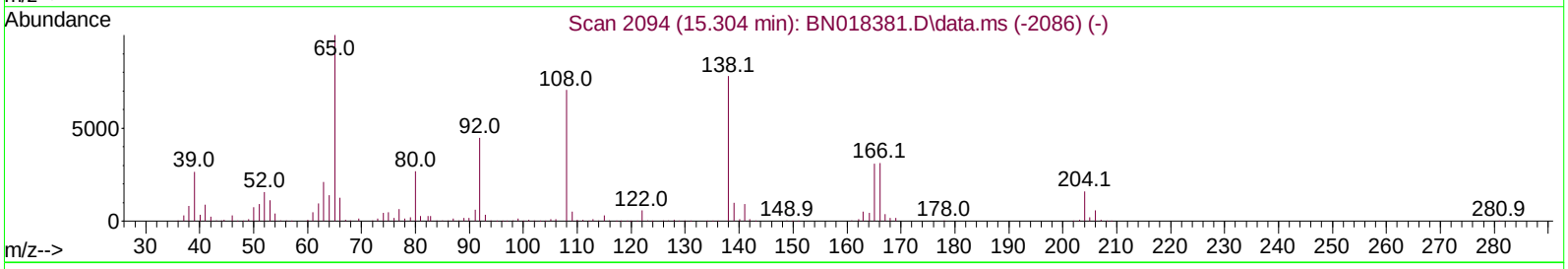

TIC: BN018392.D\data.ms

(63) 4-Nitroaniline

15.304min (-0.006) 3.78 ng/ul m

response 52389

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.00	58.11
108.00	85.00	83.77
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	336316	20.000	ng/ul	0.00
20) Naphthalene-d8	10.369	136	1535961	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.234	164	989683	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.975	188	2038677	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.175	240	2062818	20.000	ng/ul	# 0.00
88) Perylene-d12	23.392	264	2129050	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	49100	5.869	ng/uL	0.00
4) Pyridine-d5	3.464	84	705190	26.934	ng/ul	0.00
7) Phenol-d5	6.775	99	1051826	32.180	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	708840	34.044	ng/ul	0.00
11) 2-Chlorophenol-d4	7.122	132	835227	34.885	ng/ul	0.00
15) 4-Methylphenol-d8	8.305	113	837498	32.462	ng/ul	-0.01
21) Nitrobenzene-d5	8.740	128	395981	34.614	ng/ul	0.00
24) 2-Nitrophenol-d4	9.458	143	440101	35.990	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	747916	33.664	ng/ul	0.00
31) 4-Chloroaniline-d4	10.505	131	1157844	33.911	ng/ul	-0.01
46) Dimethylphthalate-d6	13.651	166	2543958	35.390	ng/ul	0.00
49) Acenaphthylene-d8	13.922	160	2963104	32.608	ng/ul	0.00
54) 4-Nitrophenol-d4	14.446	143	419157	30.557	ng/ul	0.00
60) Fluorene-d10	15.228	176	2108044	34.758	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	348258	30.189	ng/ul	0.00
73) Anthracene-d10	17.075	188	3173576	33.611	ng/ul	0.00
81) Pyrene-d10	19.375	212	3458528	29.227	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.251	264	4025795	37.994	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.093	88	9708	1.031	ng/uL#	77
5) Pyridine	3.481	79	120852	4.438	ng/ul#	60
6) Benzaldehyde	6.734	77	89358	4.304	ng/ul	96
8) Phenol	6.799	94	145317	4.266	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.022	93	125363	4.564	ng/ul	97
12) 2-Chlorophenol	7.158	128	113867	4.507	ng/ul	91
13) 2-Methylphenol	8.046	108	99120	3.868	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.122	45	158761	4.356	ng/ul	99
16) Acetophenone	8.405	105	184405	4.666	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.393	70	91429	4.234	ng/ul	96
18) 4-Methylphenol	8.369	108	118092	4.294	ng/ul	99
19) Hexachloroethane	8.658	117	44463	4.243	ng/ul#	71
22) Nitrobenzene	8.781	77	142542	4.716	ng/ul	98
23) Isophorone	9.299	82	235167	3.874	ng/ul	99
25) 2-Nitrophenol	9.493	139	62396	4.583	ng/ul	97
26) 2,4-Dimethylphenol	9.563	107	131749	4.364	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.793	93	161491	4.277	ng/ul	99
29) 2,4-Dichlorophenol	10.022	162	101967	4.531	ng/ul	89
30) Naphthalene	10.416	128	384082	4.570	ng/ul	100
32) 4-Chloroaniline	10.534	127	156063	4.475	ng/ul	100
33) Hexachlorobutadiene	10.716	225	54947	4.478	ng/ul	95
34) Caprolactam	11.287	113	37508m	4.240	ng/ul	
35) 4-Chloro-3-methylphenol	11.675	107	106362	3.777	ng/ul	93

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Instrument :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.040	142	260475	4.645	ng/ul	99
37) 1-Methylnaphthalene	12.257	142	263477	4.515	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.416	216	114993	4.530	ng/ul#	95
40) Hexachlorocyclopentadiene	12.404	237	56608	3.883	ng/ul	96
41) 2,4,6-Trichlorophenol	12.669	196	65243	3.789	ng/ul	94
42) 2,4,5-Trichlorophenol	12.740	196	68058	3.729	ng/ul	98
43) 1,1'-Biphenyl	13.063	154	358928	4.657	ng/ul	96
44) 2-Chloronaphthalene	13.104	162	255678	4.439	ng/ul	95
45) 2-Nitroaniline	13.310	65	56717	3.146	ng/ul	97
47) Dimethylphthalate	13.699	163	347058	4.757	ng/ul	97
48) 2,6-Dinitrotoluene	13.816	165	44927	3.249	ng/ul#	87
50) Acenaphthylene	13.951	152	416610	4.351	ng/ul	99
51) 3-Nitroaniline	14.146	138	48471	3.118	ng/ul	99
52) Acenaphthene	14.298	153	295511	4.683	ng/ul	100
53) 2,4-Dinitrophenol	14.357	184	22297	2.863	ng/ul#	73
55) 4-Nitrophenol	14.463	109	49116	4.191	ng/ul	94
56) Dibenzofuran	14.634	168	404210	4.619	ng/ul	90
57) 2,4-Dinitrotoluene	14.604	165	78536	3.948	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	14.869	232	57416	3.903	ng/ul#	73
59) Diethylphthalate	15.069	149	328267	4.358	ng/ul	96
61) Fluorene	15.281	166	332695	4.937	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.287	204	149578	4.964	ng/ul#	86
63) 4-Nitroaniline	15.304	138	52389m	3.779	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.369	198	49548	4.214	ng/ul#	64
67) N-Nitrosodiphenylamine	15.498	169	280326	4.436	ng/ul	98
68) 4-Bromophenyl-phenylether	16.175	248	81837	4.140	ng/ul#	80
69) Hexachlorobenzene	16.293	284	105259	4.442	ng/ul#	90
70) Atrazine	16.457	200	77171	3.724	ng/ul	94
71) Pentachlorophenol	16.640	266	53188	3.932	ng/ul	93
72) Phenanthrene	17.016	178	531720	4.590	ng/ul	99
74) Anthracene	17.110	178	525293	4.568	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.028	216	115183	3.957	ng/uL	96
76) Pentachlorobenzene	14.557	250	118564	4.356	ng/uL	95
77) Carbazole	17.387	167	450671	4.452	ng/ul	99
78) Di-n-butylphthalate	17.963	149	490494	3.942	ng/ul	99
80) Fluoranthene	19.039	202	575290	4.011	ng/ul#	90
82) Pyrene	19.404	202	634195	4.340	ng/ul#	90
83) Butylbenzylphthalate	20.328	149	186626	3.081	ng/ul#	96
84) 3,3'-Dichlorobenzidine	21.098	252	137397	3.455	ng/ul#	89
85) Benzo(a)anthracene	21.157	228	569885	4.220	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.110	149	307056	3.332	ng/ul#	93
87) Chrysene	21.210	228	595796	4.480	ng/ul	100
89) Di-n-octyl phthalate	21.986	149	494251	3.240	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	589673	4.320	ng/ul#	92
91) Benzo(k)fluoranthene	22.769	252	635048	5.017	ng/ul#	96
93) Benzo(a)pyrene	23.298	252	594530	4.568	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	25.639	276	653400	4.539	ng/ul#	88
95) Dibenzo(a,h)anthracene	25.657	278	555890	4.580	ng/ul	95
96) Benzo(g,h,i)perylene	26.327	276	557174	4.620	ng/ul#	95

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

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