Quantitation Report (Qedit)

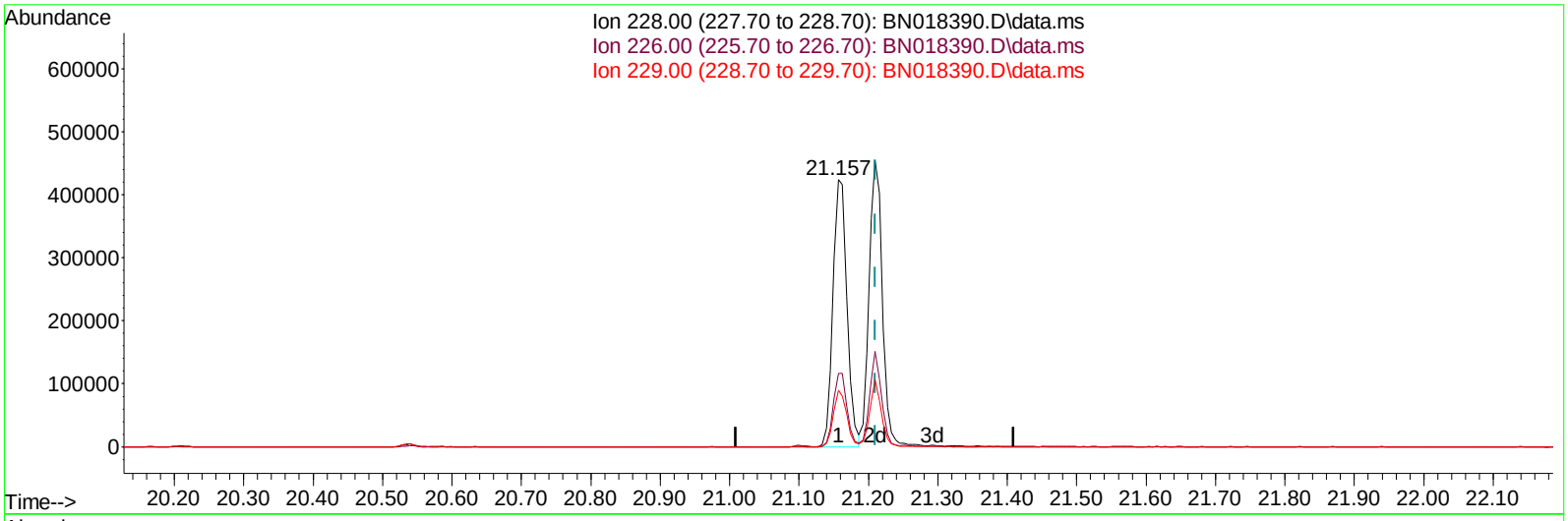
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011222\
Data File : BN018390.D
Acq On : 12 Jan 2022 12:58
Operator : CG/JU
Sample : M3263-03
Misc : SFSAM-MDL-SOIL-01
ALS Vial : 6 Sample Multiplier: 1

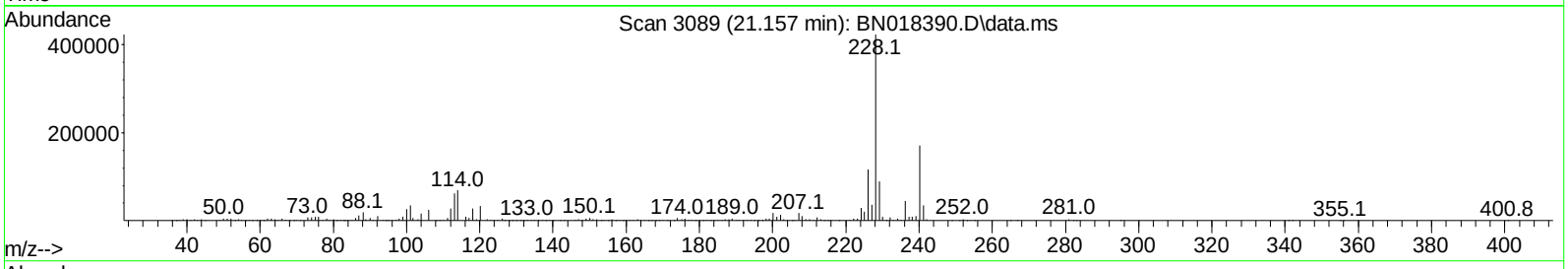
Quant Time: Jan 12 13:30:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 07 01:31:51 2022
Response via : Initial Calibration

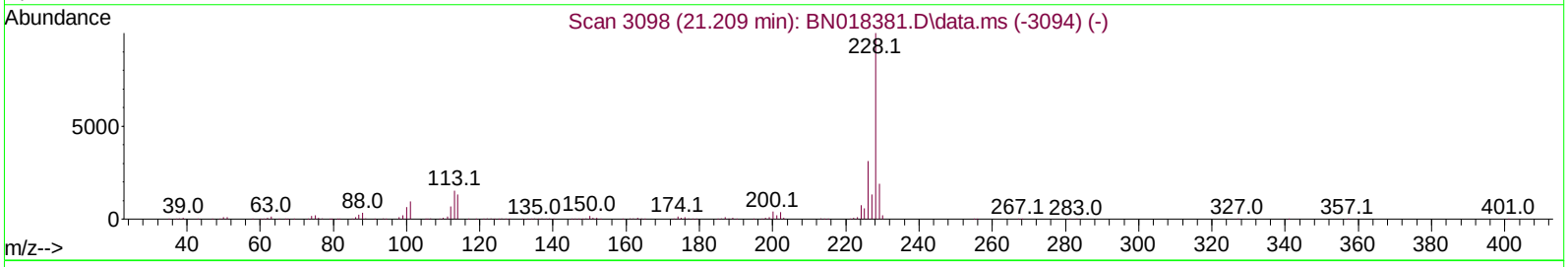
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2021-07

Manual IntegrationsAPPROVED

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







TIC: BN018390.D\data.ms

(87) Chrysene

21.157min (-0.053) 4.48 ng/ul

response 596055

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.40	27.48
229.00	18.70	21.14
0.00	0.00	0.00

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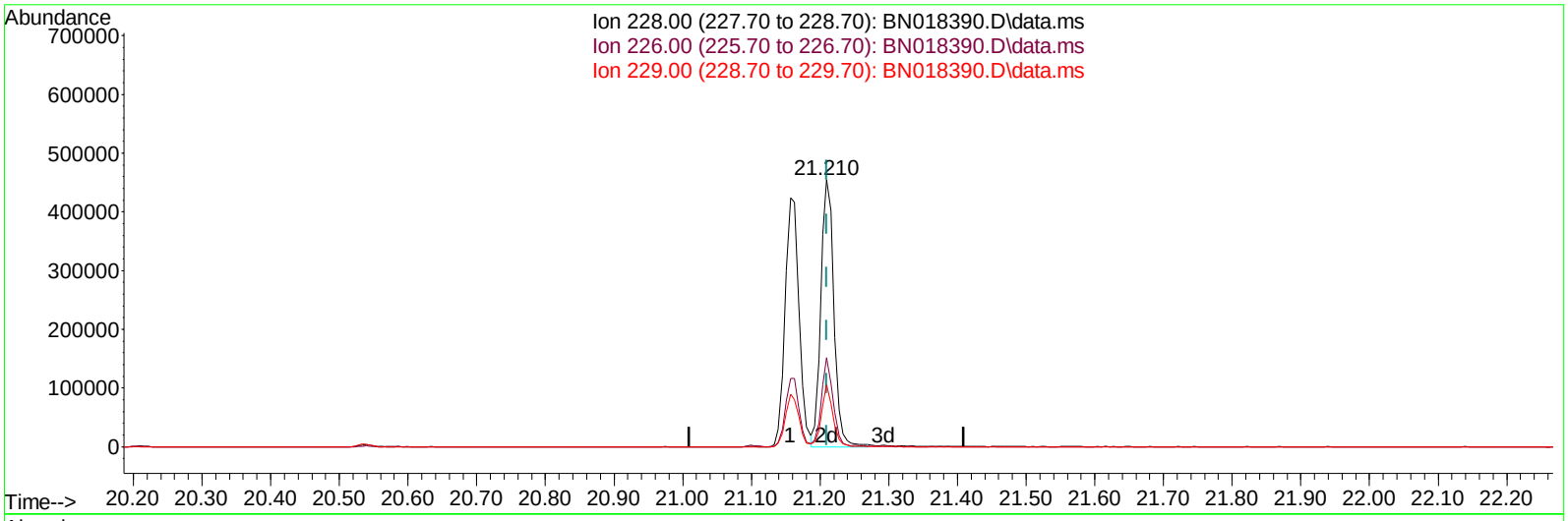

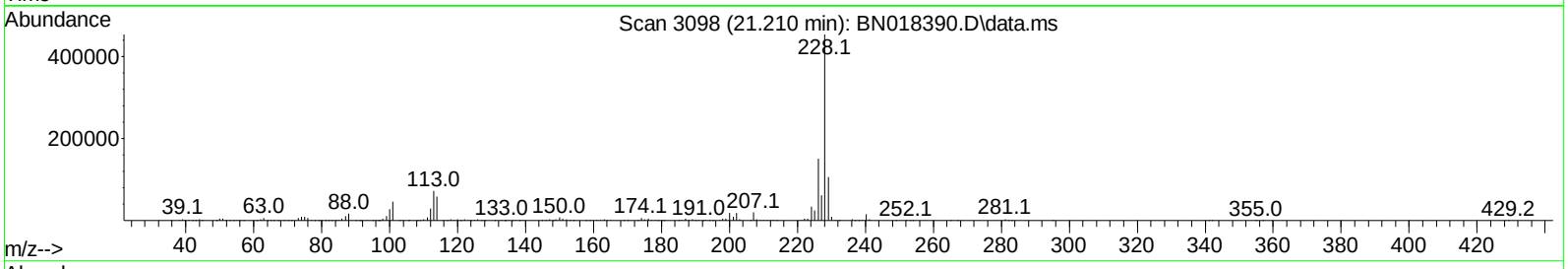

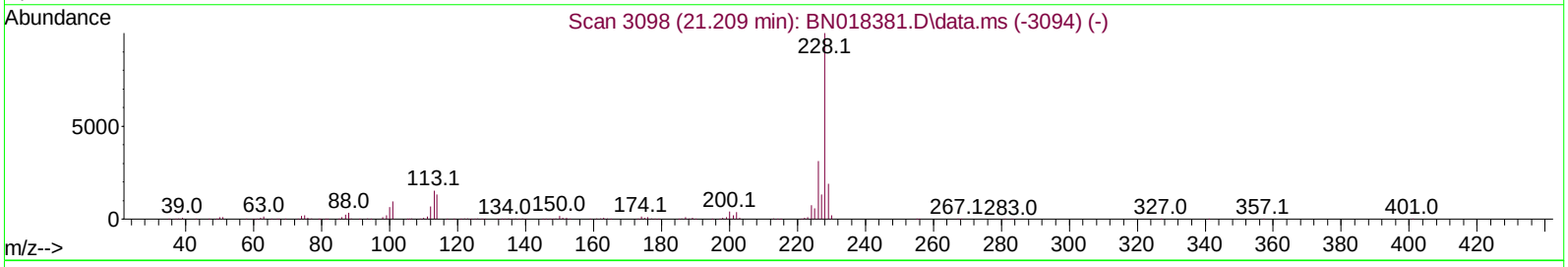

TIC: BN018390.D\data.ms

(87) Chrysene

21.210min (0.000) 4.53 ng/ul m

response 602479

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.40	33.40
229.00	18.70	23.35#
0.00	0.00	0.00

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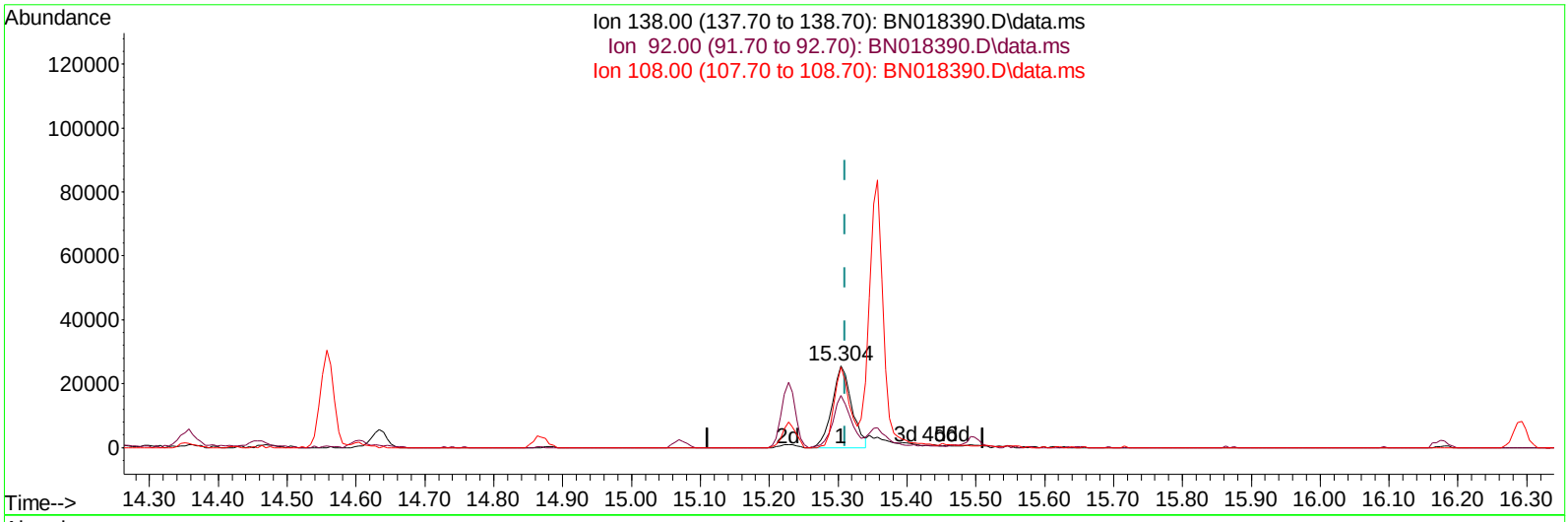

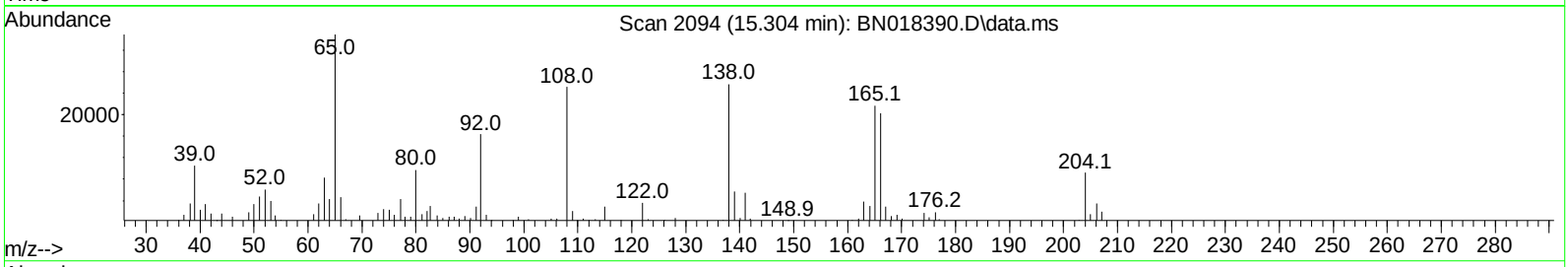

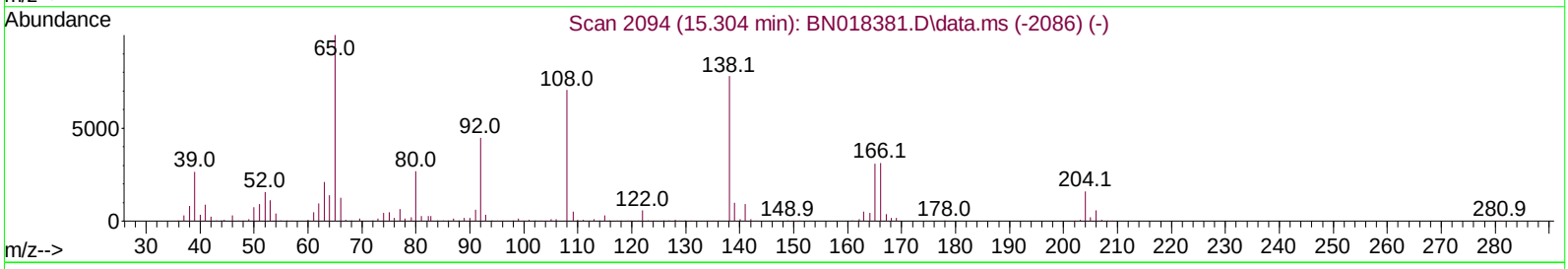

TIC: BN018390.D\data.ms

(63) 4-Nitroaniline

15.304min (-0.006) 3.21 ng/ul

response 50229

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.00	63.68
108.00	85.00	98.03
0.00	0.00	0.00

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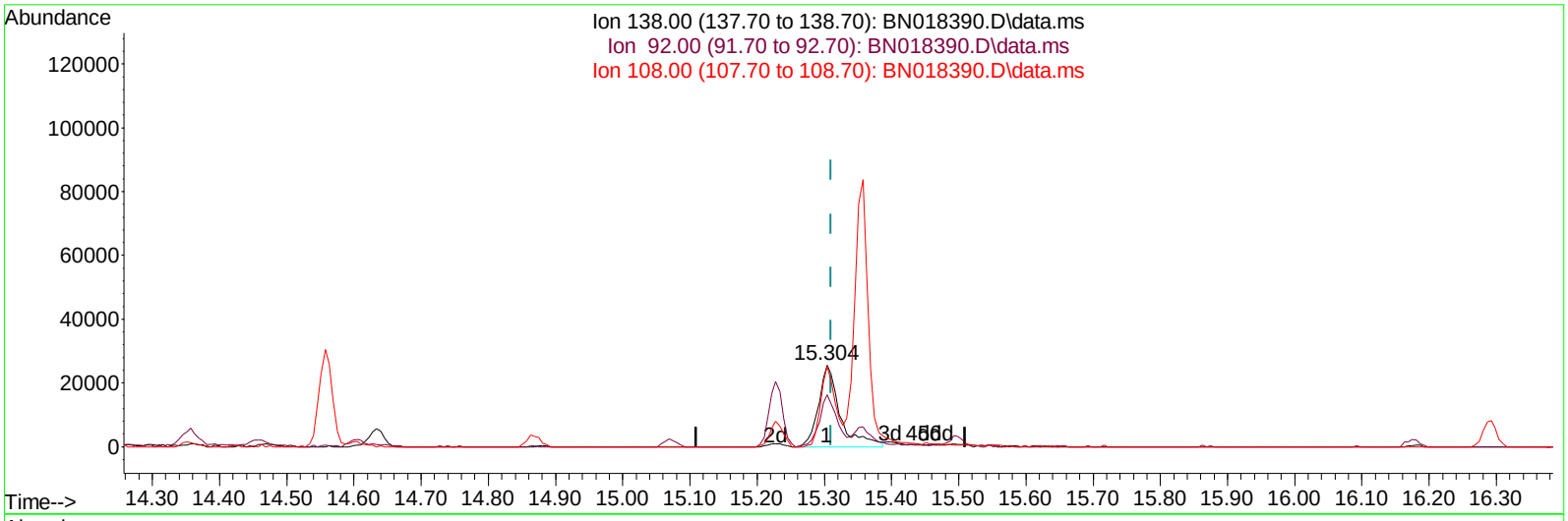

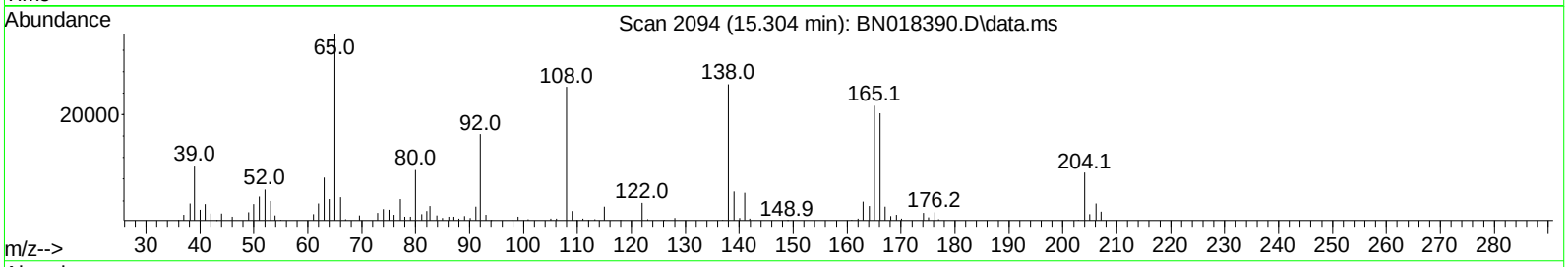

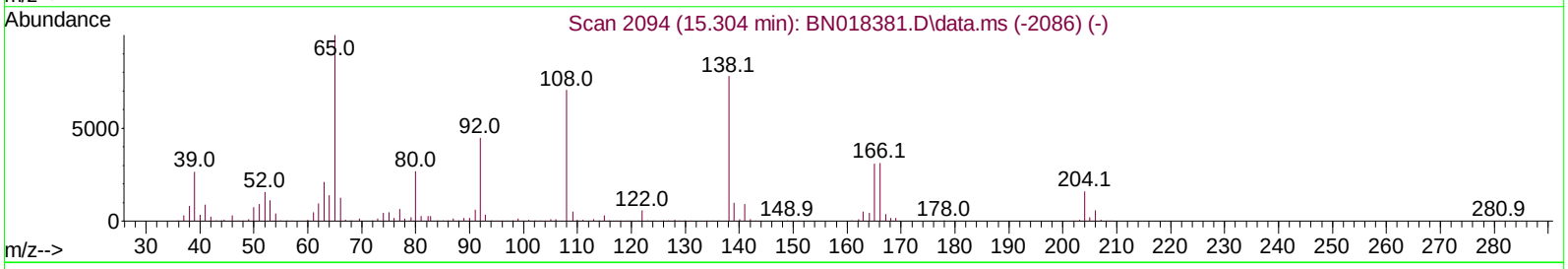

TIC: BN018390.D\data.ms

(63) 4-Nitroaniline

15.304min (-0.006) 3.65 ng/ul m

response 57174

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.00	63.68
108.00	85.00	98.03
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	396114	20.000	ng/ul		0.00
20) Naphthalene-d8	10.369	136	1801641	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.234	164	1118029	20.000	ng/ul		0.00
64) Phenanthrene-d10	16.975	188	2194919	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.174	240	2065351	20.000	ng/ul	#	0.00
88) Perylene-d12	23.392	264	2039385	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.058	96	55923	5.675	ng/uL		0.00
4) Pyridine-d5	3.458	84	819473	26.574	ng/ul		0.00
7) Phenol-d5	6.775	99	1242159	32.266	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	844933	34.454	ng/ul		0.00
11) 2-Chlorophenol-d4	7.122	132	994617	35.271	ng/ul		0.00
15) 4-Methylphenol-d8	8.305	113	986790	32.474	ng/ul		-0.01
21) Nitrobenzene-d5	8.734	128	458095	34.139	ng/ul		-0.01
24) 2-Nitrophenol-d4	9.457	143	519222	36.199	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	9.999	165	873480	33.518	ng/ul		0.00
31) 4-Chloroaniline-d4	10.504	131	1313061	32.786	ng/ul		-0.01
46) Dimethylphthalate-d6	13.651	166	2797963	34.455	ng/ul		0.00
49) Acenaphthylene-d8	13.922	160	3371932	32.847	ng/ul		0.00
54) 4-Nitrophenol-d4	14.451	143	455190	29.374	ng/ul		0.00
60) Fluorene-d10	15.228	176	2287768	33.391	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	377569	30.400	ng/ul		0.00
73) Anthracene-d10	17.075	188	3432217	33.763	ng/ul		0.00
81) Pyrene-d10	19.380	212	3688589	31.133	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.257	264	3995235	39.363	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.099	88	12480	1.126	ng/uL	#	81
5) Pyridine	3.481	79	142411	4.440	ng/ul	#	65
6) Benzaldehyde	6.728	77	103319	4.226	ng/ul		96
8) Phenol	6.799	94	172082	4.289	ng/ul		93
10) Bis(2-Chloroethyl)ether	7.022	93	147718	4.566	ng/ul		94
12) 2-Chlorophenol	7.152	128	134991	4.536	ng/ul		99
13) 2-Methylphenol	8.040	108	112575	3.730	ng/ul		99
14) 2,2'-oxybis(1-Chloropr...	8.128	45	187175	4.360	ng/ul		97
16) Acetophenone	8.405	105	204291	4.389	ng/ul		98
17) N-Nitroso-di-n-propyla...	8.399	70	105695	4.156	ng/ul	#	96
18) 4-Methylphenol	8.369	108	138643	4.281	ng/ul		97
19) Hexachloroethane	8.658	117	53534	4.338	ng/ul	#	76
22) Nitrobenzene	8.775	77	173332	4.889	ng/ul		99
23) Isophorone	9.299	82	275400	3.868	ng/ul		99
25) 2-Nitrophenol	9.487	139	72239	4.524	ng/ul		97
26) 2,4-Dimethylphenol	9.563	107	153934	4.347	ng/ul		94
27) Bis(2-Chloroethoxy)met...	9.793	93	186861	4.219	ng/ul		96
29) 2,4-Dichlorophenol	10.022	162	116054	4.397	ng/ul		89
30) Naphthalene	10.416	128	451034	4.576	ng/ul		99
32) 4-Chloroaniline	10.528	127	185096	4.525	ng/ul		98
33) Hexachlorobutadiene	10.716	225	65278	4.535	ng/ul		96
34) Caprolactam	11.287	113	37311	3.596	ng/ul		94
35) 4-Chloro-3-methylphenol	11.675	107	120393	3.645	ng/ul		95

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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	297899	4.529	ng/ul	96
37) 1-Methylnaphthalene	12.263	142	309445	4.521	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.416	216	130856	4.563	ng/ul#	93
40) Hexachlorocyclopentadiene	12.404	237	69523	4.221	ng/ul	90
41) 2,4,6-Trichlorophenol	12.663	196	73553	3.782	ng/ul	97
42) 2,4,5-Trichlorophenol	12.740	196	74168	3.597	ng/ul	97
43) 1,1'-Biphenyl	13.063	154	397712	4.568	ng/ul	98
44) 2-Chloronaphthalene	13.098	162	303085	4.658	ng/ul	92
45) 2-Nitroaniline	13.310	65	64861	3.185	ng/ul	93
47) Dimethylphthalate	13.698	163	384441	4.664	ng/ul	98
48) 2,6-Dinitrotoluene	13.816	165	51199	3.278	ng/ul#	78
50) Acenaphthylene	13.951	152	474798	4.389	ng/ul	98
51) 3-Nitroaniline	14.145	138	53157	3.027	ng/ul	95
52) Acenaphthene	14.298	153	331510	4.651	ng/ul	97
53) 2,4-Dinitrophenol	14.351	184	25611	2.911	ng/ul#	89
55) 4-Nitrophenol	14.463	109	50662	3.827	ng/ul	97
56) Dibenzofuran	14.634	168	464845	4.702	ng/ul	92
57) 2,4-Dinitrotoluene	14.604	165	84823	3.775	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	14.869	232	67951	4.089	ng/ul#	82
59) Diethylphthalate	15.069	149	369351	4.341	ng/ul	96
61) Fluorene	15.287	166	366064	4.808	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.287	204	164357	4.828	ng/ul#	83
63) 4-Nitroaniline	15.304	138	57174m	3.650	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.369	198	54490	4.304	ng/ul#	59
67) N-Nitrosodiphenylamine	15.498	169	307780	4.524	ng/ul	94
68) 4-Bromophenyl-phenylether	16.175	248	94388	4.435	ng/ul#	85
69) Hexachlorobenzene	16.292	284	113556	4.451	ng/ul#	85
70) Atrazine	16.451	200	83810	3.757	ng/ul	94
71) Pentachlorophenol	16.639	266	57323	3.936	ng/ul	97
72) Phenanthrene	17.022	178	578472	4.638	ng/ul	99
74) Anthracene	17.110	178	574097	4.637	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.028	216	127727	4.075	ng/uL	98
76) Pentachlorobenzene	14.557	250	133429	4.554	ng/uL	98
77) Carbazole	17.386	167	475208	4.360	ng/ul	97
78) Di-n-butylphthalate	17.963	149	524705	3.917	ng/ul	100
80) Fluoranthene	19.039	202	611132	4.256	ng/ul#	89
82) Pyrene	19.404	202	668408	4.568	ng/ul#	90
83) Butylbenzylphthalate	20.322	149	191779	3.162	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.098	252	142830	3.588	ng/ul#	91
85) Benzo(a)anthracene	21.157	228	596055	4.409	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.116	149	326689	3.541	ng/ul	94
87) Chrysene	21.210	228	602479m	4.525	ng/ul	
89) Di-n-octyl phthalate	21.986	149	506639	3.467	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	601986	4.604	ng/ul#	96
91) Benzo(k)fluoranthene	22.769	252	598965	4.940	ng/ul#	94
93) Benzo(a)pyrene	23.298	252	554583	4.448	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	25.645	276	617882	4.481	ng/ul#	93
95) Dibenzo(a,h)anthracene	25.657	278	502411	4.321	ng/ul#	92
96) Benzo(g,h,i)perylene	26.327	276	497850	4.309	ng/ul#	93

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

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