

```

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051192.D
Acq On    : 23 Nov 2021  21:20
Operator  : CG/JU
Sample    : PB140910BS
Misc      :
ALS Vial  : 13      Sample Multiplier: 1

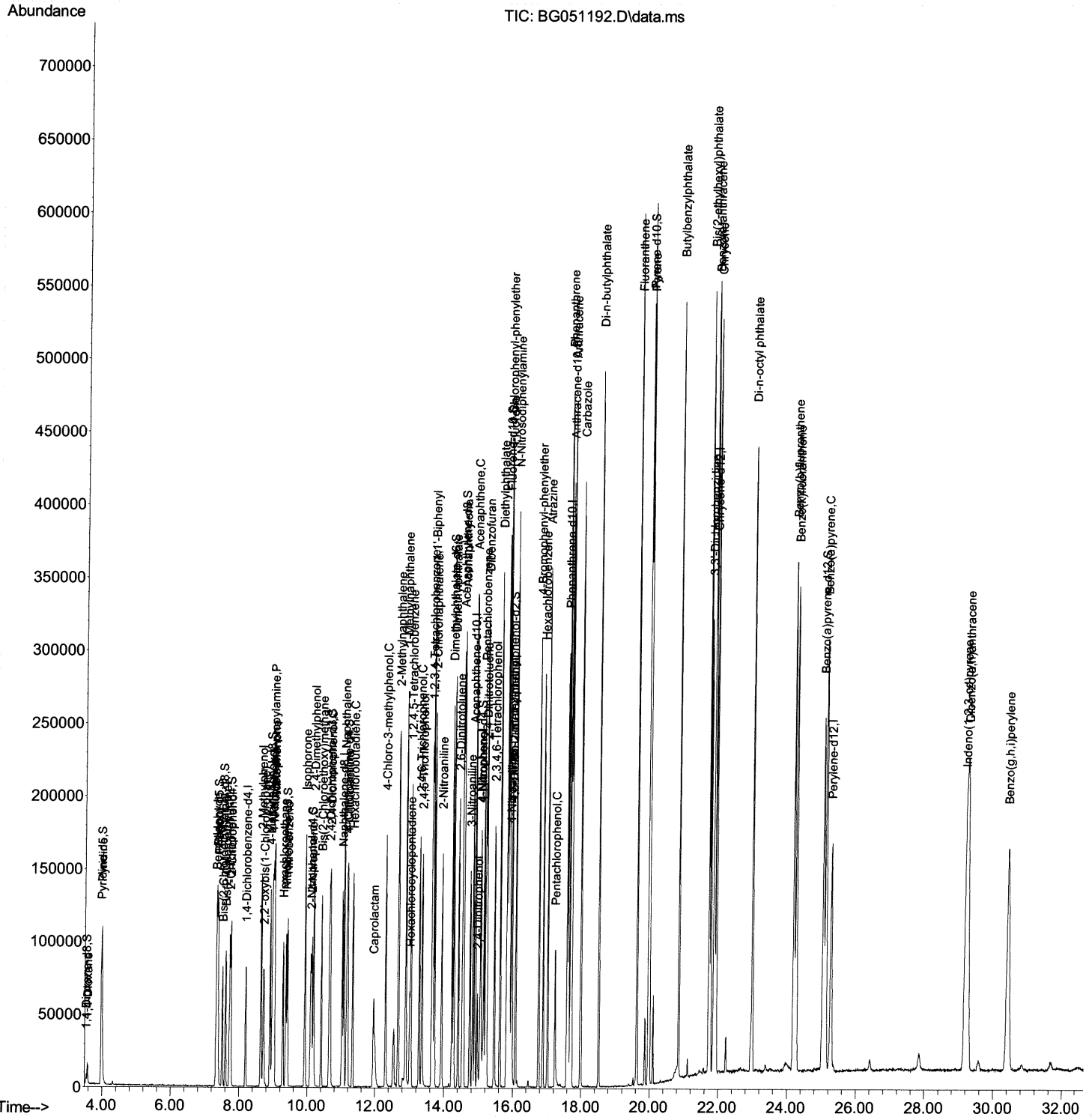
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**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SLCS910

## Manual IntegrationsAPPROVED

Quant Time: Nov 24 06:56:05 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Nov 24 06:04:50 2021  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/24/2021  
Supervised By :mohammad ahmed 11/30/2021



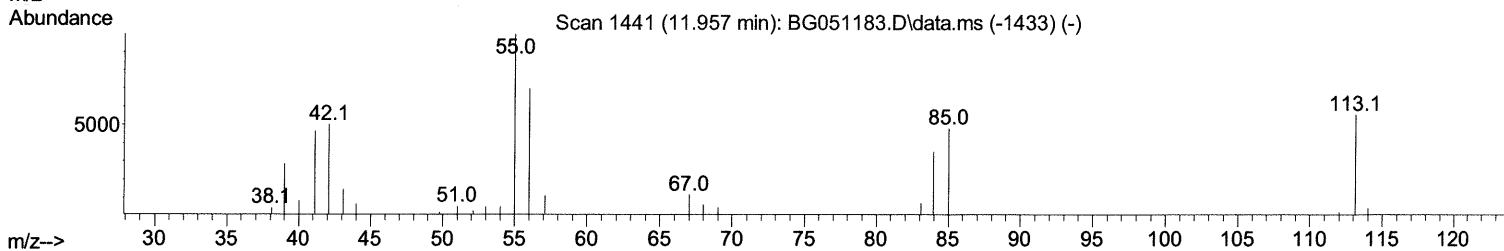
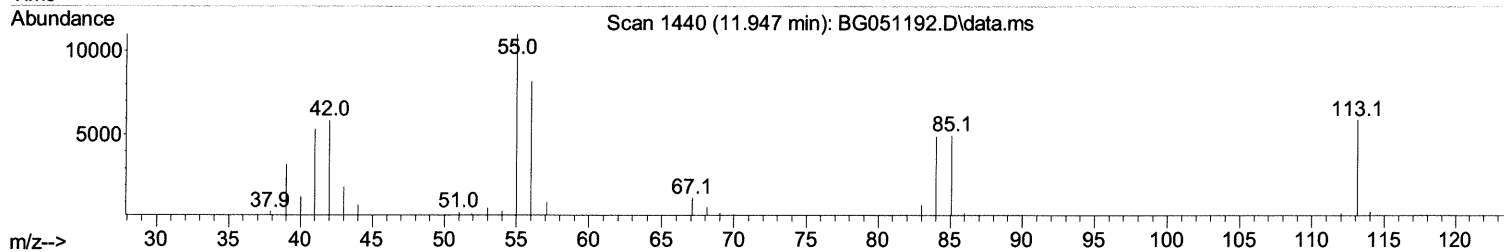
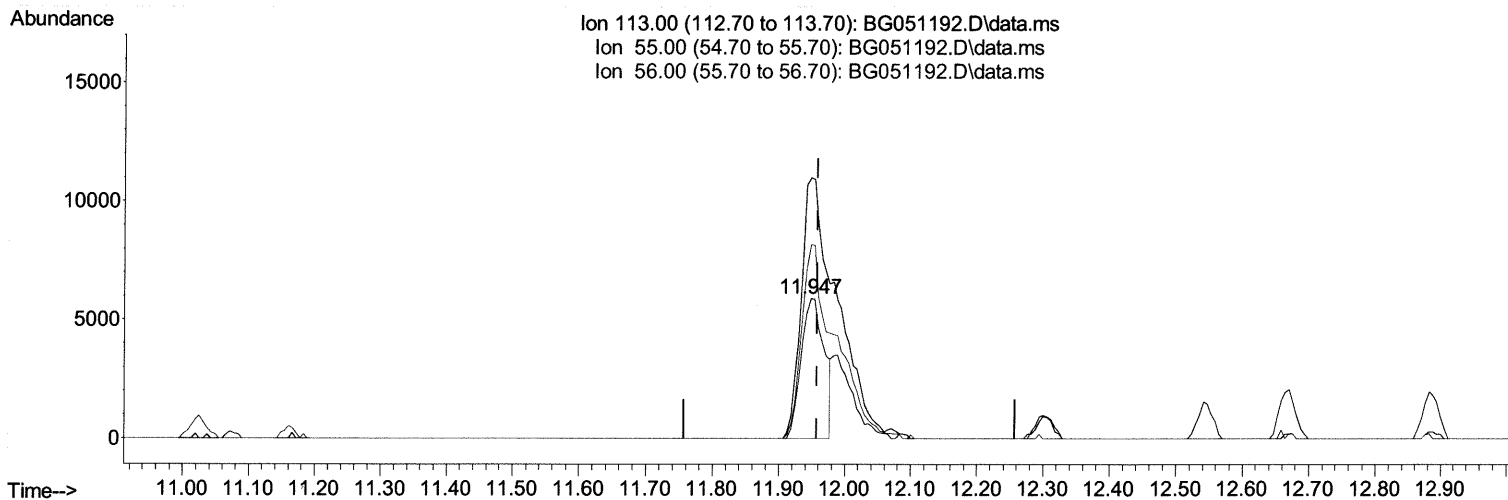
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TIC: BG051192.D\data.ms

(34) Caprolactam

11.947min (-0.010) 20.65 ng/ul

response 14378

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	186.15
56.00	136.50	138.44
0.00	0.00	0.00

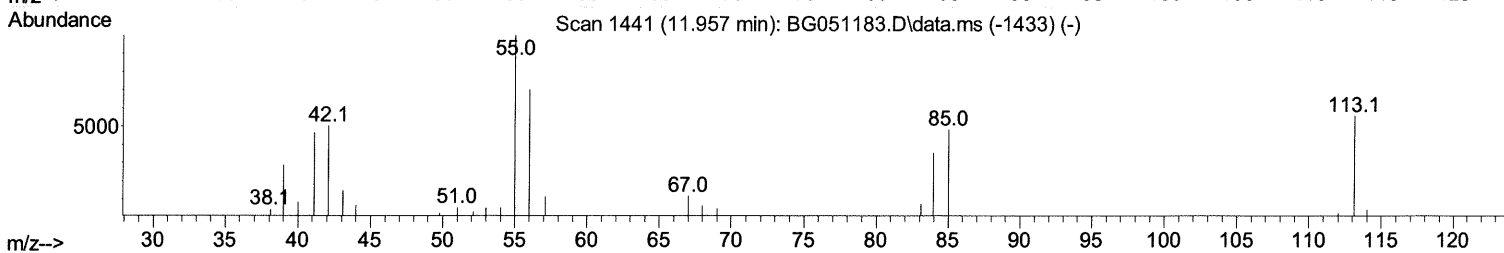
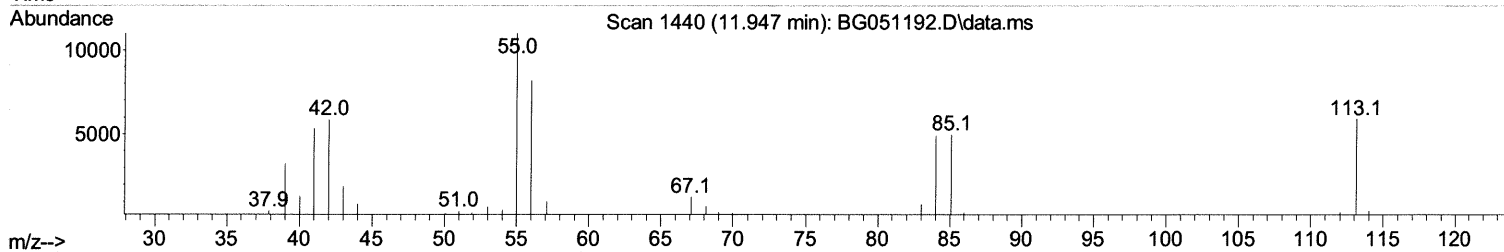
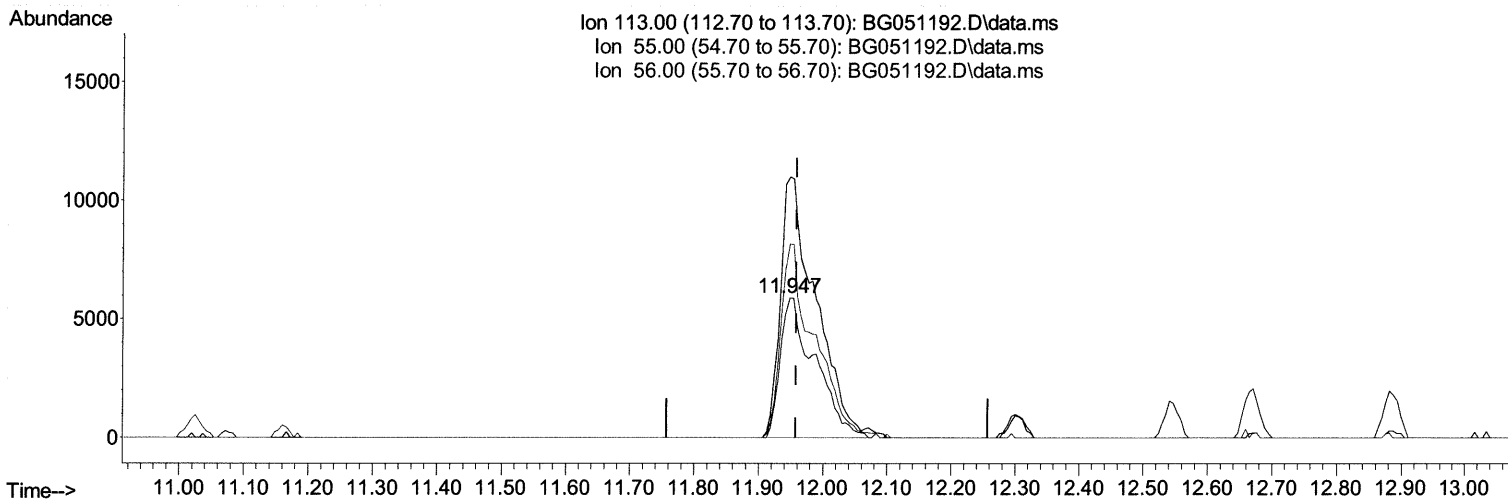
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TIC: BG051192.D\data.ms

(34) Caprolactam

11.947min (-0.010) 31.58 ng/ul m 11/29/21

response 21985

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	186.15
56.00	136.50	138.44
0.00	0.00	0.00



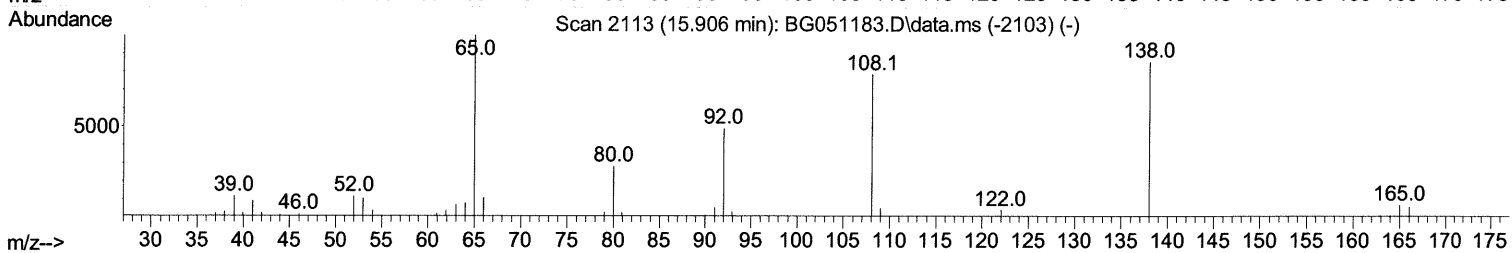
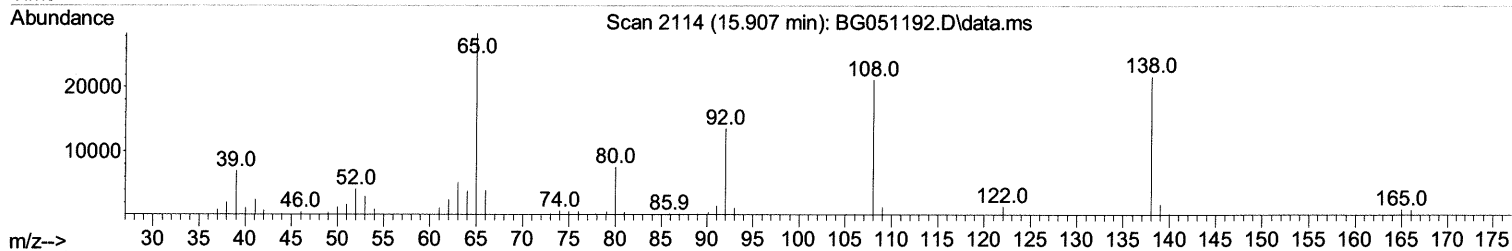
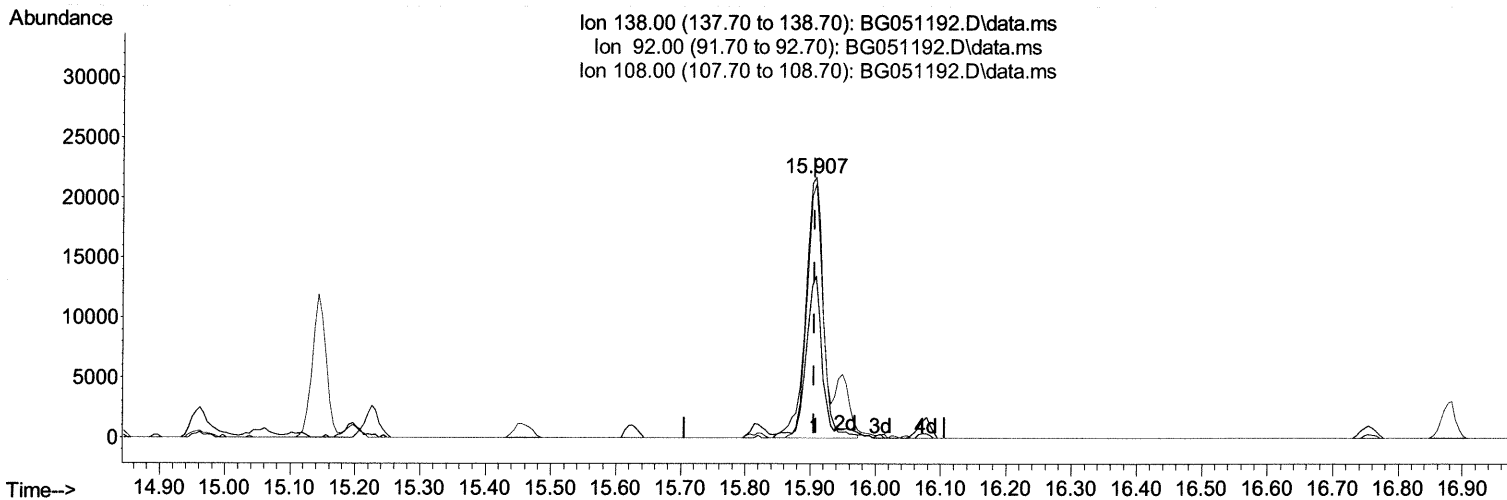
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TIC: BG051192.D\data.ms

(63) 4-Nitroaniline

15.907min (+ 0.002) 32.27 ng/ul m 11/24/2021

response 40572

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.60	62.19
108.00	90.70	97.57
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	8.199	152	24021	20.000	ng/ul	0.00
20) Naphthalene-d8	11.025	136	111356	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.832	164	79891	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.582	188	186837	20.000	ng/ul	0.00
79) Chrysene-d12	21.883	240	166683	20.000	ng/ul	0.00
88) Perylene-d12	25.279	264	172130	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.540	96	3790	5.483	ng/ul	0.00
4) Pyridine-d5	3.969	84	50990	25.139	ng/ul	-0.01
7) Phenol-d5	7.353	99	67397	28.389	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.511	67	41400	27.766	ng/ul	0.00
11) 2-Chlorophenol-d4	7.729	132	48239	28.217	ng/ul	0.00
15) 4-Methylphenol-d8	8.910	113	53071	27.702	ng/ul	0.00
21) Nitrobenzene-d5	9.374	128	25723	27.365	ng/ul	0.00
24) 2-Nitrophenol-d4	10.102	143	29644	27.956	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.649	165	50211	27.909	ng/ul	0.00
31) 4-Chloroaniline-d4	11.166	131	65402	24.845	ng/ul	0.00
46) Dimethylphthalate-d6	14.221	166	176110	28.649	ng/ul	0.00
49) Acenaphthylene-d8	14.527	160	212792	27.452	ng/ul	0.00
54) 4-Nitrophenol-d4	15.044	143	29682	29.831	ng/ul	0.00
60) Fluorene-d10	15.819	176	153756	27.776	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.949	200	32532	28.217	ng/ul	0.00
73) Anthracene-d10	17.682	188	251175	28.109	ng/ul	0.00
81) Pyrene-d10	19.956	212	297422	29.490	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.044	264	263236	28.635	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.575	88	7981	10.238	ng/ul	96
5) Pyridine	3.986	79	55679	26.380	ng/ul	98
6) Benzaldehyde	7.329	77	43149	28.539	ng/ul	94
8) Phenol	7.382	94	71579	29.104	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.605	93	53851	28.942	ng/ul	96
12) 2-Chlorophenol	7.758	128	51081	29.321	ng/ul	96
13) 2-Methylphenol	8.645	108	53735	29.332	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.716	45	78826	29.358	ng/ul	98
16) Acetophenone	9.027	105	86469	29.180	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.004	70	50713	29.781	ng/ul	96
18) 4-Methylphenol	8.974	108	58103	29.661	ng/ul	94
19) Hexachloroethane	9.286	117	20496	27.854	ng/ul	92
22) Nitrobenzene	9.415	77	72402	29.374	ng/ul	95
23) Isophorone	9.932	82	141168	29.480	ng/ul	99
25) 2-Nitrophenol	10.132	139	31675	28.840	ng/ul	99
26) 2,4-Dimethylphenol	10.185	107	66726	29.715	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.414	93	77839	29.444	ng/ul	99
29) 2,4-Dichlorophenol	10.672	162	51700	29.193	ng/ul	95
30) Naphthalene	11.078	128	171658	28.331	ng/ul	98
32) 4-Chloroaniline	11.189	127	71245	26.958	ng/ul	95
33) Hexachlorobutadiene	11.342	225	32434	26.552	ng/ul	95
34) Caprolactam	11.947	113	21985m	31.577	ng/ul	>
35) 4-Chloro-3-methylphenol	12.300	107	65257	30.674	ng/ul	97

11/29/21/24

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.670	142	118694	28.800	ng/ul	98
37) 1-Methylnaphthalene	12.887	142	120882	28.509	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.028	216	69118	27.558	ng/ul	98
40) Hexachlorocyclopentadiene	12.999	237	17398	17.162	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.275	196	45307	28.786	ng/ul	98
42) 2,4,5-Trichlorophenol	13.352	196	48432	29.385	ng/ul	96
43) 1,1'-Biphenyl	13.663	154	166729	27.942	ng/ul	97
44) 2-Chloronaphthalene	13.716	162	132585	27.933	ng/ul	99
45) 2-Nitroaniline	13.922	65	49474	30.116	ng/ul	91
47) Dimethylphthalate	14.268	163	184001	29.572	ng/ul	100
48) 2,6-Dinitrotoluene	14.409	165	39569	30.275	ng/ul	91
50) Acenaphthylene	14.556	152	218202	28.492	ng/ul	99
51) 3-Nitroaniline	14.744	138	37698	29.180	ng/ul#	98
52) Acenaphthene	14.891	153	143466	28.406	ng/ul	97
53) 2,4-Dinitrophenol	14.961	184	17457	24.164	ng/ul	87
55) 4-Nitrophenol	15.056	109	27474	31.829	ng/ul	94
56) Dibenzofuran	15.226	168	209151	28.710	ng/ul	99
57) 2,4-Dinitrotoluene	15.197	165	58608	31.396	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.455	232	40893	31.595	ng/ul	97
59) Diethylphthalate	15.625	149	200388	30.682	ng/ul	100
61) Fluorene	15.878	166	169307	29.014	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.860	204	90904	28.907	ng/ul	95
63) 4-Nitroaniline	15.907	138	40572m	32.271	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.966	198	33068	29.741	ng/ul#	95
67) N-Nitrosodiphenylamine	16.078	169	155367	29.047	ng/ul	97
68) 4-Bromophenyl-phenylether	16.754	248	58184	29.056	ng/ul	95
69) Hexachlorobenzene	16.883	284	60024	29.397	ng/ul	95
70) Atrazine	17.018	200	66335	29.509	ng/ul	99
71) Pentachlorophenol	17.235	266	22328	24.678	ng/ul	97
72) Phenanthrene	17.623	178	305654	29.629	ng/ul	99
74) Anthracene	17.717	178	305661	29.834	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.634	216	71928	26.393	ng/uL	96
76) Pentachlorobenzene	15.144	250	67055	26.407	ng/uL	99
77) Carbazole	17.987	167	279422	31.071	ng/ul	100
78) Di-n-butylphthalate	18.510	149	358597	30.925	ng/ul	99
80) Fluoranthene	19.627	202	382521	30.880	ng/ul	96
82) Pyrene	19.985	202	369858	30.523	ng/ul	99
83) Butylbenzylphthalate	20.849	149	156337	31.034	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.765	252	112758	29.055	ng/ul	98
85) Benzo(a)anthracene	21.859	228	344622	30.483	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.724	149	224856	31.019	ng/ul	100
87) Chrysene	21.930	228	332454	30.611	ng/ul	99
89) Di-n-octyl phthalate	22.987	149	386305	30.978	ng/ul	100
90) Benzo(b)fluoranthene	24.192	252	352177	30.317	ng/ul	98
91) Benzo(k)fluoranthene	24.262	252	324752	29.791	ng/ul	99
93) Benzo(a)pyrene	25.120	252	332671	30.018	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.186	276	374223	30.176	ng/ul	98
95) Dibenzo(a,h)anthracene	29.251	278	315791	30.015	ng/ul	98
96) Benzo(g,h,i)perylene	30.420	276	312635	29.963	ng/ul	96

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