

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SLCS174

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021  
Supervised By :mohammad ahmed 12/07/2021



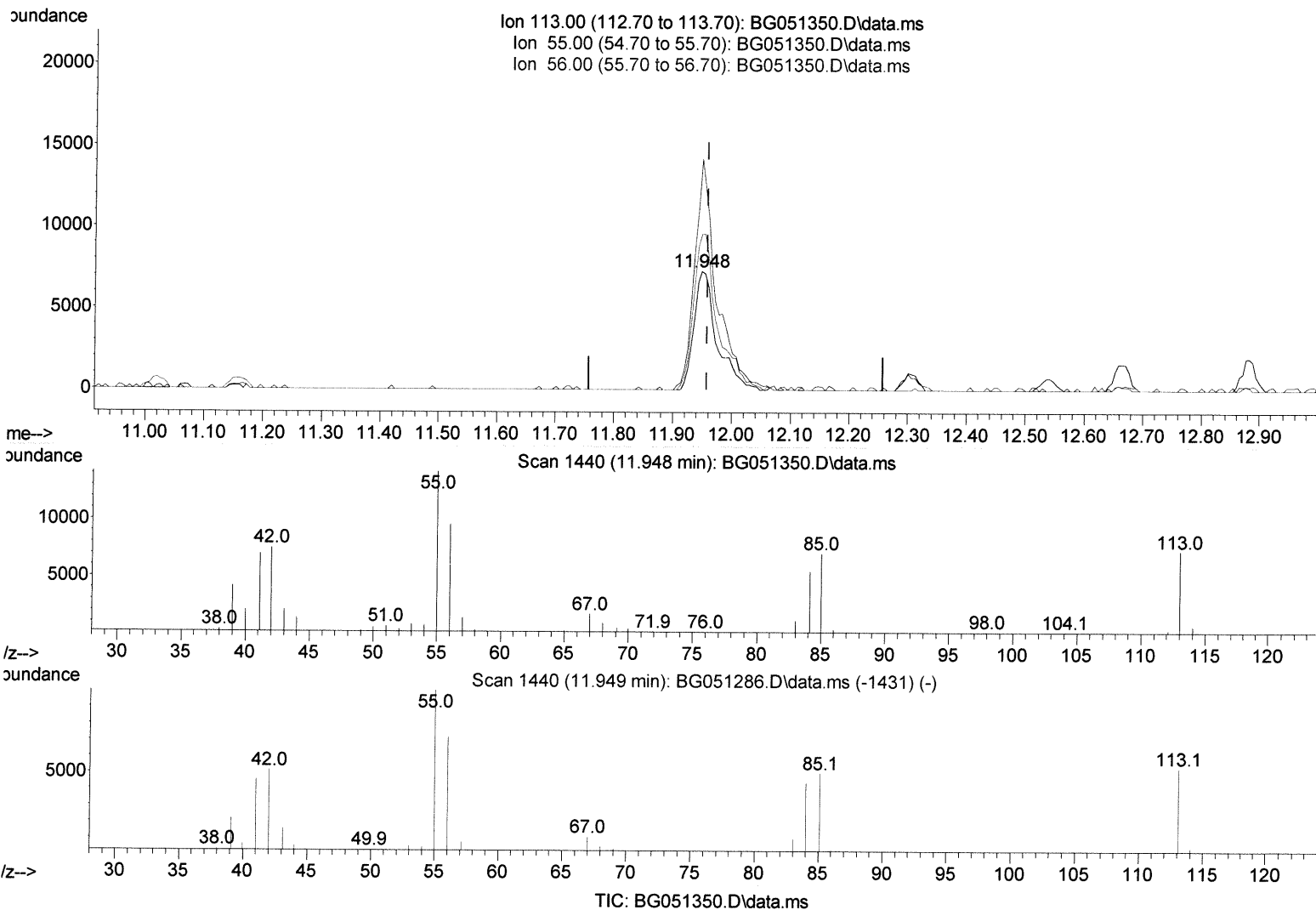
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051350.D  
Acq On : 6 Dec 2021 14:48  
Operator : CG/JU  
Sample : PB141174BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

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Quant Time: Dec 06 15:22:06 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Dec 03 15:23:09 2021  
Response via : Initial Calibration

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(34) Caprolactam

11.948min (-0.009) 32.54 ng/ul

response 17478

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	194.65
56.00	136.50	131.64
0.00	0.00	0.00

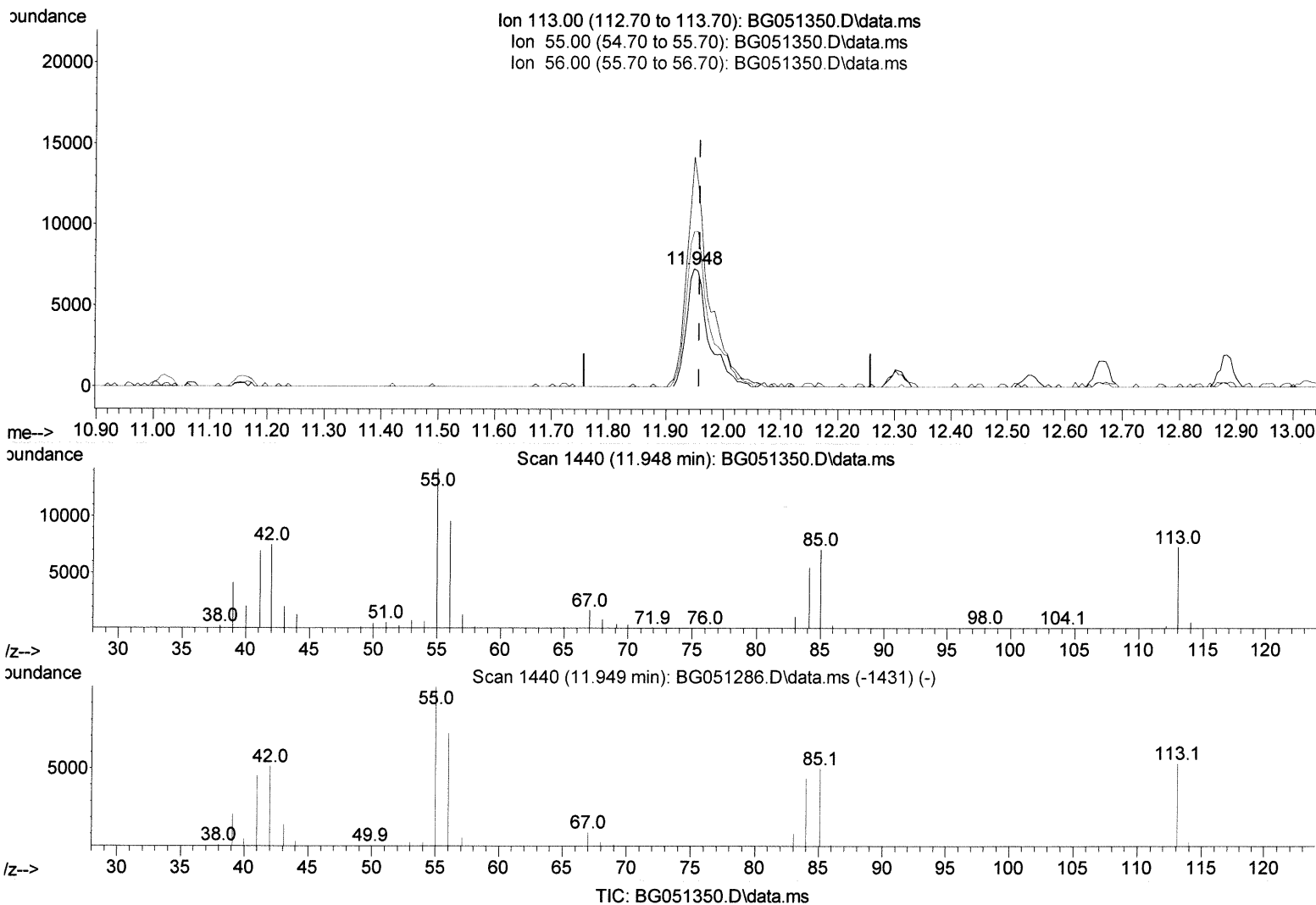
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(34) Caprolactam

11.948min (-0.009) 36.86 ng/ul m

response 19796

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	194.65
56.00	136.50	131.64
0.00	0.00	0.00

3412/07/21

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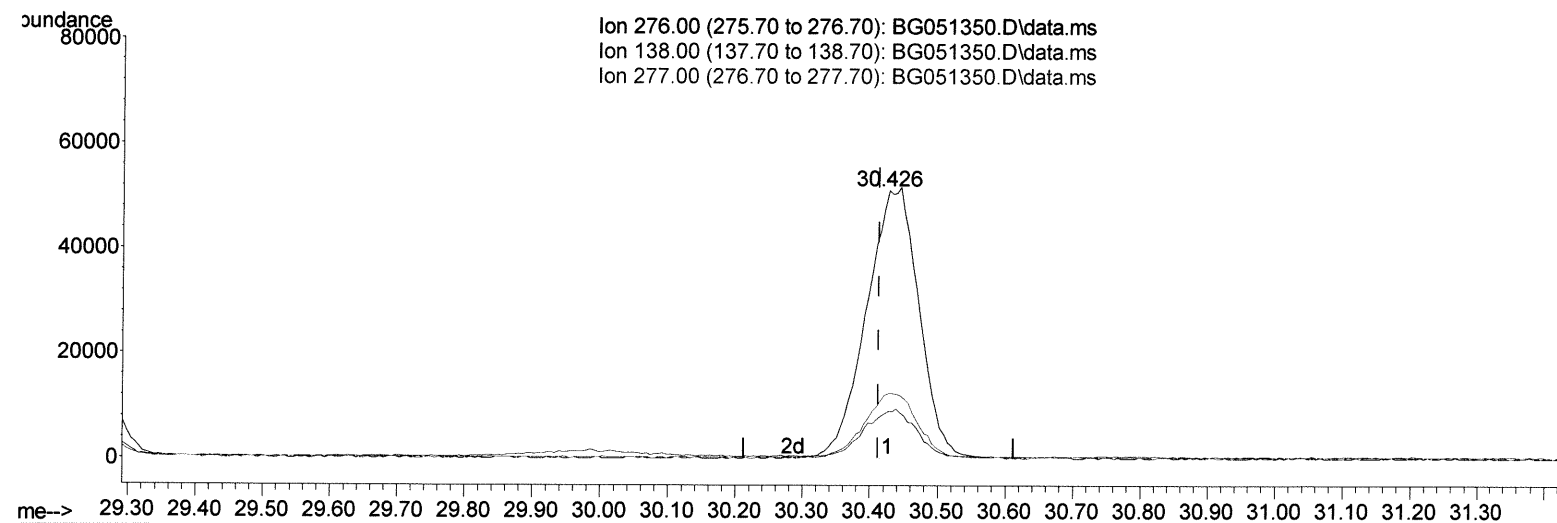
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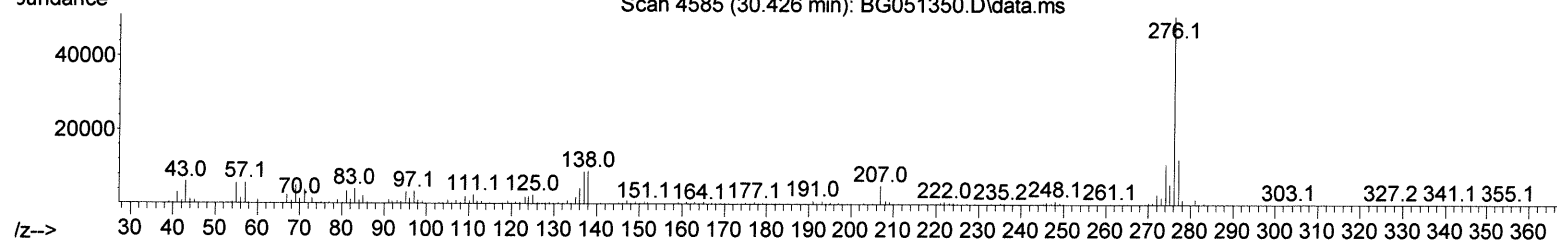
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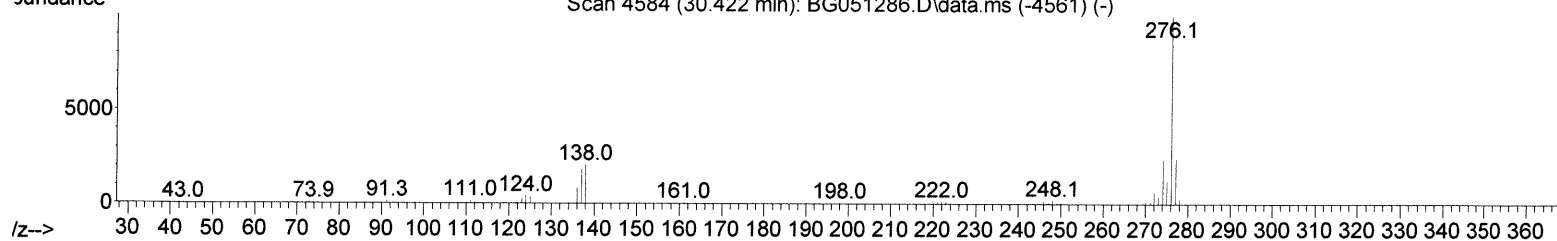
Ion 276.00 (275.70 to 276.70): BG051350.D\data.ms  
 Ion 138.00 (137.70 to 138.70): BG051350.D\data.ms  
 Ion 277.00 (276.70 to 277.70): BG051350.D\data.ms



Scan 4585 (30.426 min): BG051350.D\data.ms



Scan 4584 (30.422 min): BG051286.D\data.ms (-4561) (-)



TIC: BG051350.D\data.ms

(96) Benzo(g,h,i)perylene

30.426min (+ 0.014) 18.44 ng/ul

response 147649

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	17.47
277.00	22.00	24.14
0.00	0.00	0.00

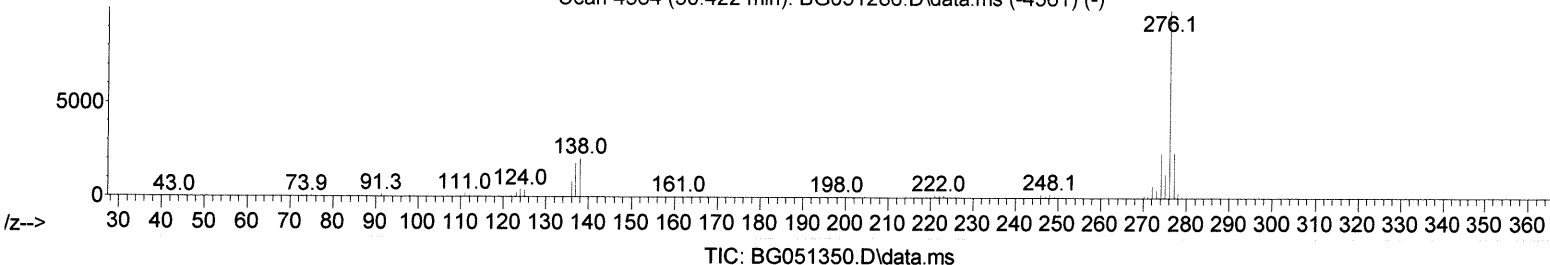
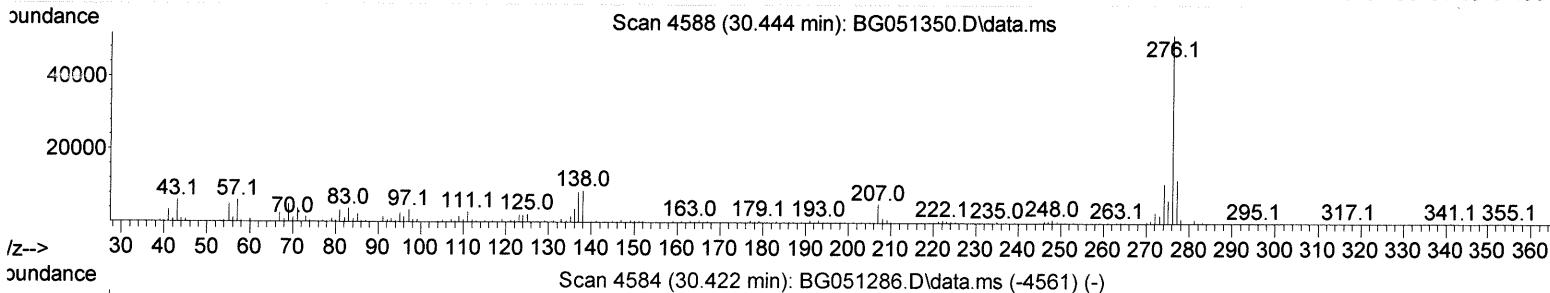
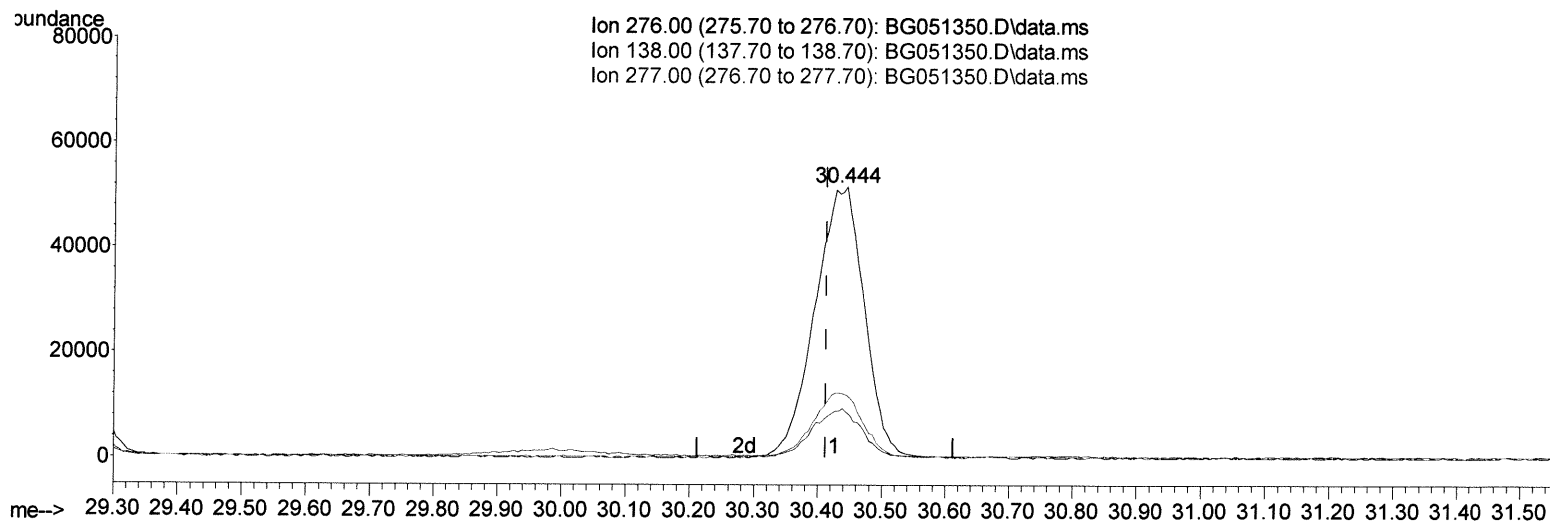
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(96) Benzo(g,h,i)perylene

30.444min (+ 0.032) 34.62 ng/ul m

response 277237

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	16.92
277.00	22.00	23.20
0.00	0.00	0.00

34.2107/21

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
-----					
Internal Standards					
1) 1,4-Dichlorobenzene-d4	8.194	152	19937	20.000 ng/ul	0.00
20) Naphthalene-d8	11.020	136	85899	20.000 ng/ul	0.00
38) Acenaphthene-d10	14.827	164	57337	20.000 ng/ul	0.00
64) Phenanthrene-d10	17.577	188	135407	20.000 ng/ul	0.00
79) Chrysene-d12	21.878	240	128070	20.000 ng/ul	0.00
88) Perylene-d12	25.280	264	132097	20.000 ng/ul	0.00

System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.529	96	3536	6.163 ng/uL	-0.02
4) Pyridine-d5	3.957	84	51099	30.353 ng/ul	-0.02
7) Phenol-d5	7.359	99	71747	36.412 ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.506	67	41685	33.684 ng/ul	0.00
11) 2-Chlorophenol-d4	7.724	132	51890	36.570 ng/ul	0.00
15) 4-Methylphenol-d8	8.910	113	55629	34.985 ng/ul	0.00
21) Nitrobenzene-d5	9.369	128	25564	35.255 ng/ul	0.00
24) 2-Nitrophenol-d4	10.097	143	29650	36.249 ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.644	165	52413	37.767 ng/ul	0.00
31) 4-Chloroaniline-d4	11.161	131	101022	49.749 ng/ul	0.00
46) Dimethylphthalate-d6	14.216	166	155033	35.141 ng/ul	0.00
49) Acenaphthylene-d8	14.522	160	199471	35.856 ng/ul	0.00
54) 4-Nitrophenol-d4	15.056	143	29471	41.269 ng/ul	0.00
60) Fluorene-d10	15.814	176	144366	36.339 ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.955	200	16907	20.235 ng/ul	0.00
73) Anthracene-d10	17.677	188	238567	36.838 ng/ul	0.00
81) Pyrene-d10	19.956	212	267734	34.550 ng/ul	0.00
92) Benzo(a)pyrene-d12	25.050	264	249396	35.351 ng/ul	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.564	88	7621	11.778 ng/uL#	86
5) Pyridine	3.981	79	53987	30.818 ng/ul	99
6) Benzaldehyde	7.324	77	48127	38.353 ng/ul	98
8) Phenol	7.383	94	71407	34.982 ng/ul	100
10) Bis(2-Chloroethyl)ether	7.600	93	50044	32.406 ng/ul	94
12) 2-Chlorophenol	7.759	128	50817	35.145 ng/ul	96
13) 2-Methylphenol	8.640	108	52021	34.214 ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.717	45	70171	31.488 ng/ul	95
16) Acetophenone	9.022	105	78782	32.032 ng/ul	96
17) N-Nitroso-di-n-propyla...	8.993	70	44185	31.263 ng/ul	98
18) 4-Methylphenol	8.975	108	55385	34.065 ng/ul	96
19) Hexachloroethane	9.275	117	20621	33.764 ng/ul	96
22) Nitrobenzene	9.416	77	66510	34.981 ng/ul	97
23) Isophorone	9.933	82	119908	32.461 ng/ul	99
25) 2-Nitrophenol	10.133	139	29431	34.738 ng/ul	90
26) 2,4-Dimethylphenol	10.180	107	62585	36.131 ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.409	93	66208	32.467 ng/ul	99
29) 2,4-Dichlorophenol	10.673	162	48832	35.745 ng/ul	97
30) Naphthalene	11.073	128	159576	34.142 ng/ul	97
32) 4-Chloroaniline	11.184	127	65061	31.914 ng/ul	98
33) Hexachlorobutadiene	11.331	225	31894	33.847 ng/ul	95
34) Caprolactam	11.948	113	19796m	36.860 ng/ul	95
35) 4-Chloro-3-methylphenol	12.301	107	59274	36.119 ng/ul	96

24/12/07/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.665	142	105537	33.197	ng/ul	97
37) 1-Methylnaphthalene	12.882	142	110367	33.744	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.029	216	62879	34.932	ng/ul	97
40) Hexachlorocyclopentadiene	12.994	237	5279	7.256	ng/ul	92
41) 2,4,6-Trichlorophenol	13.270	196	42389	37.526	ng/ul	99
42) 2,4,5-Trichlorophenol	13.358	196	47270	39.961	ng/ul	97
43) 1,1'-Biphenyl	13.658	154	143047	33.403	ng/ul	98
44) 2-Chloronaphthalene	13.711	162	115846	34.006	ng/ul	100
45) 2-Nitroaniline	13.916	65	45096	38.249	ng/ul	95
47) Dimethylphthalate	14.269	163	148286	33.206	ng/ul	100
48) 2,6-Dinitrotoluene	14.404	165	33576	35.795	ng/ul	93
50) Acenaphthylene	14.551	152	191457	34.834	ng/ul	97
51) 3-Nitroaniline	14.739	138	36451	39.313	ng/ul	91
52) Acenaphthene	14.892	153	122852	33.892	ng/ul	97
53) 2,4-Dinitrophenol	14.968	184	4606	8.884	ng/ul	91
55) 4-Nitrophenol	15.068	109	25589	41.307	ng/ul	92
56) Dibenzofuran	15.227	168	178975	34.232	ng/ul	99
57) 2,4-Dinitrotoluene	15.197	165	49315	36.809	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.456	232	36523	39.319	ng/ul	99
59) Diethylphthalate	15.620	149	163354	34.850	ng/ul	99
61) Fluorene	15.873	166	147782	35.288	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.855	204	76953	34.096	ng/ul	96
63) 4-Nitroaniline	15.908	138	40484	44.868	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.973	198	14903	18.494	ng/ul	96
67) N-Nitrosodiphenylamine	16.073	169	138548	35.741	ng/ul	96
68) 4-Bromophenyl-phenylether	16.748	248	49361	34.013	ng/ul	95
69) Hexachlorobenzene	16.878	284	52816	35.691	ng/ul	96
70) Atrazine	17.013	200	58737	36.054	ng/ul	97
71) Pentachlorophenol	17.236	266	19154	29.211	ng/ul	96
72) Phenanthrene	17.618	178	261213	34.938	ng/ul	99
74) Anthracene	17.712	178	264161	35.577	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.634	216	66073	33.454	ng/ul	99
76) Pentachlorobenzene	15.144	250	59008	32.065	ng/ul	98
77) Carbazole	17.982	167	249652	38.305	ng/ul	99
78) Di-n-butylphthalate	18.505	149	304554	36.240	ng/ul	99
80) Fluoranthene	19.621	202	316655	33.270	ng/ul	96
82) Pyrene	19.986	202	316204	33.963	ng/ul#	94
83) Butylbenzylphthalate	20.844	149	126924	32.792	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.760	252	101260	33.959	ng/ul	98
85) Benzo(a)anthracene	21.860	228	300429	34.586	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.713	149	188565	33.855	ng/ul#	99
87) Chrysene	21.931	228	289809	34.729	ng/ul	100
89) Di-n-octyl phthalate	22.976	149	317063	33.131	ng/ul	100
90) Benzo(b)fluoranthene	24.193	252	305054	34.219	ng/ul	99
91) Benzo(k)fluoranthene	24.257	252	279340	33.391	ng/ul	99
93) Benzo(a)pyrene	25.121	252	295437	34.737	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.198	276	337192	35.430	ng/ul	96
95) Dibenzo(a,h)anthracene	29.251	278	287943	35.663	ng/ul	98
96) Benzo(g,h,i)perylene	30.444	276	277237m	34.623	ng/ul	98

> > Jy 12/07/21

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