

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

mohammad
10/8/2021 8:31:11 AM

[illegible]

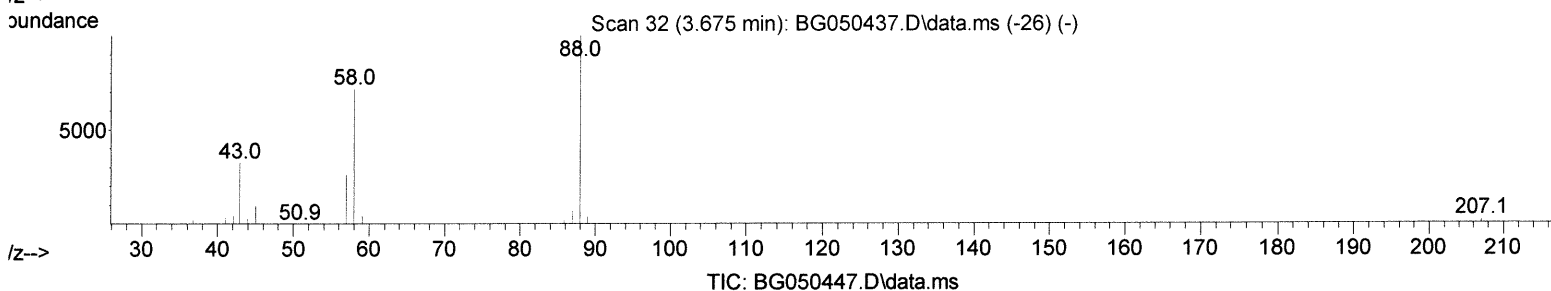
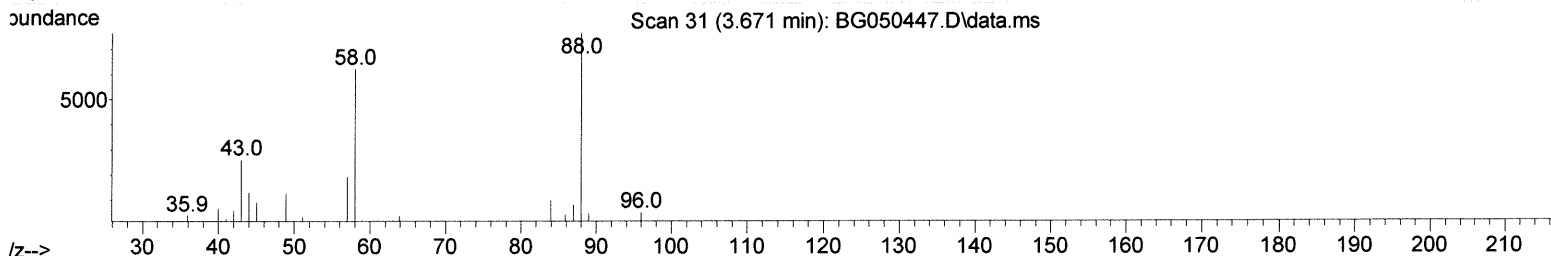
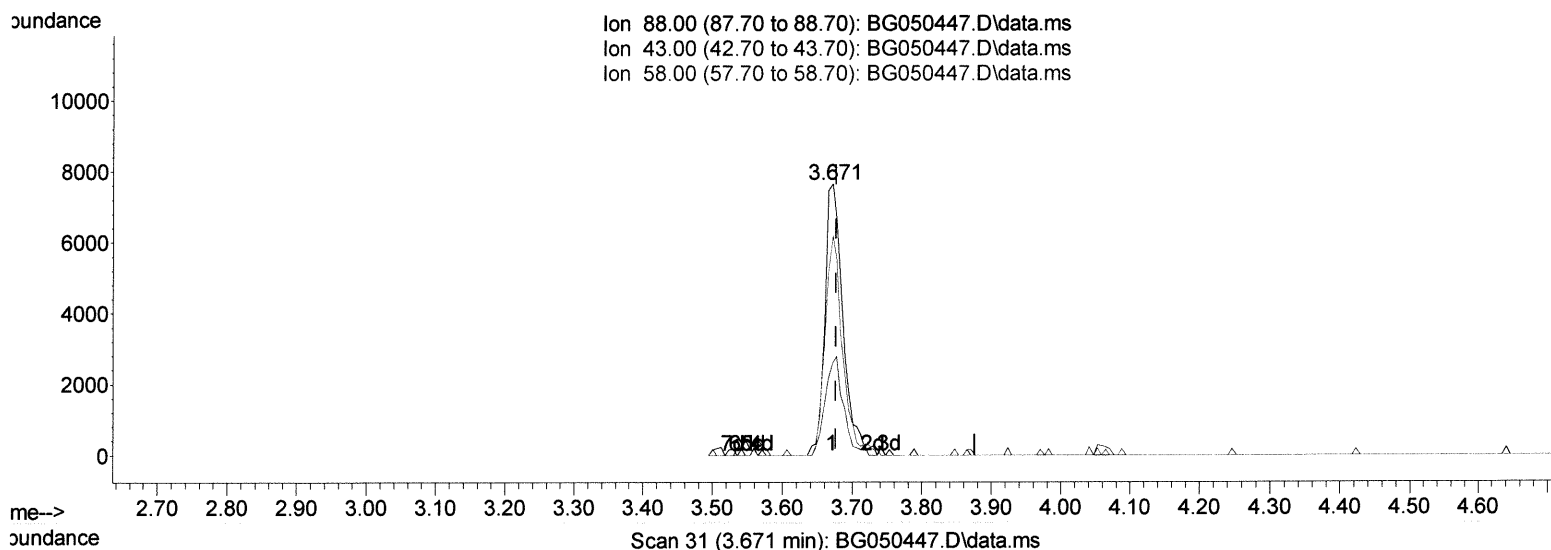
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100421\
 Data File : BG050447.D
 Acq On : 5 Oct 2021 17:42
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

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Manual Integrations
 APPROVED

mohammad
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Quant Time: Oct 06 02:07:10 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration



TIC: BG050447.D\data.ms

(2) 1,4-Dioxane

3.671min (-0.005) 7.94 ng/uL

response 13649

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	29.80	34.00
58.00	67.10	81.08#
0.00	0.00	0.00

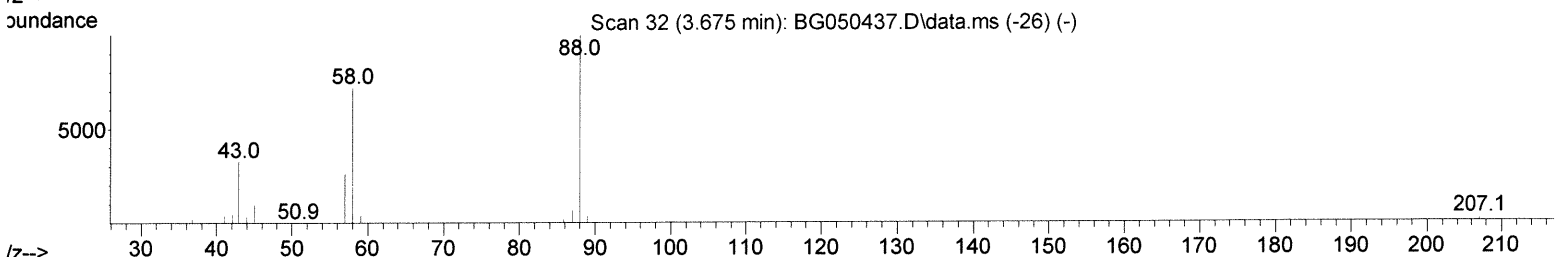
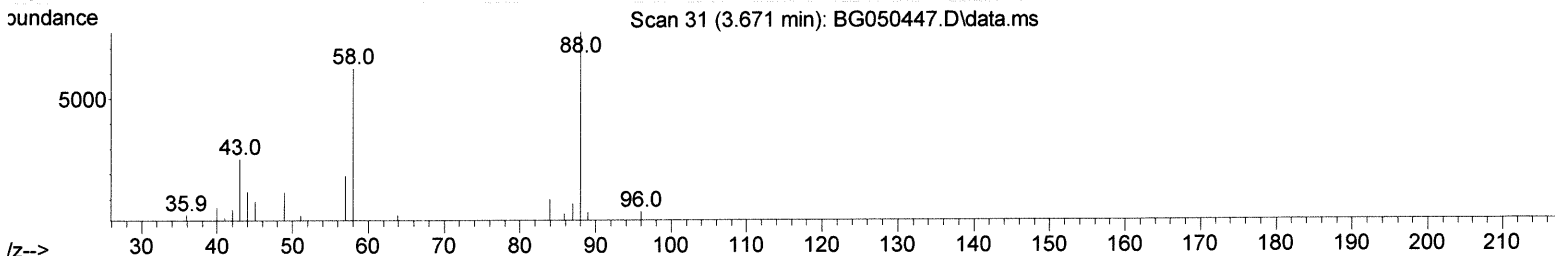
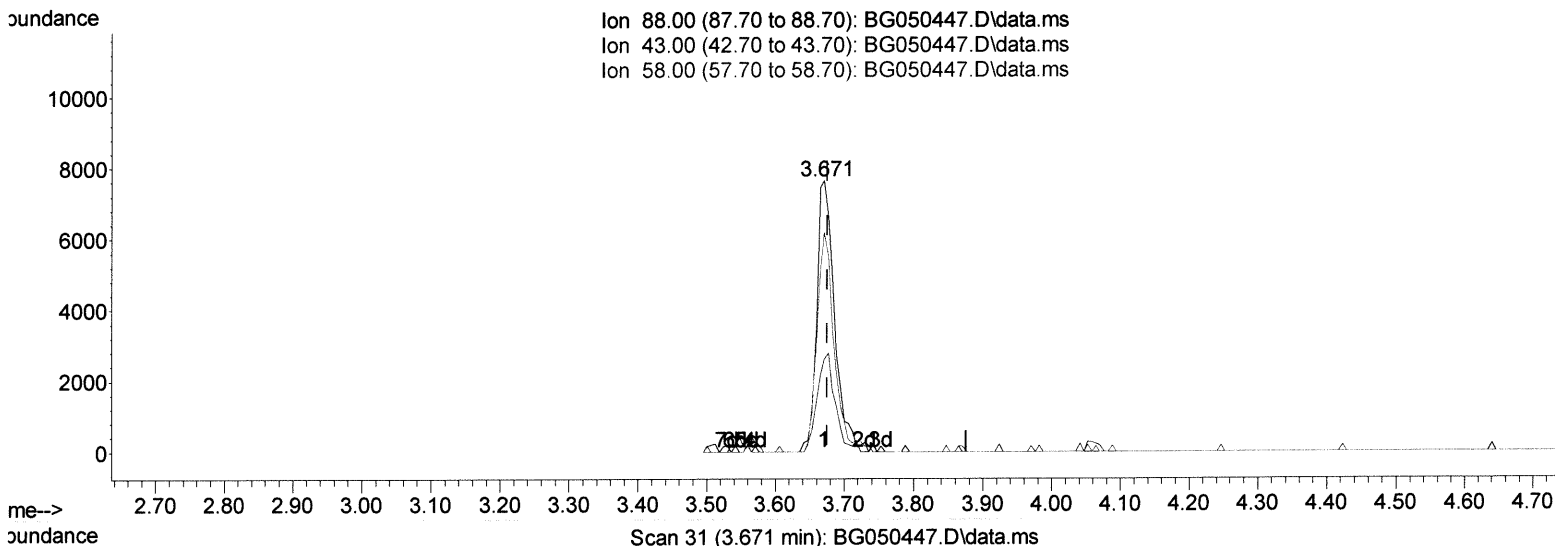
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(2) 1,4-Dioxane

3.671min (-0.005) 8.04 ng/uL m

response 13811

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	29.80	34.00
58.00	67.10	81.08#
0.00	0.00	0.00

JU 10/06/21

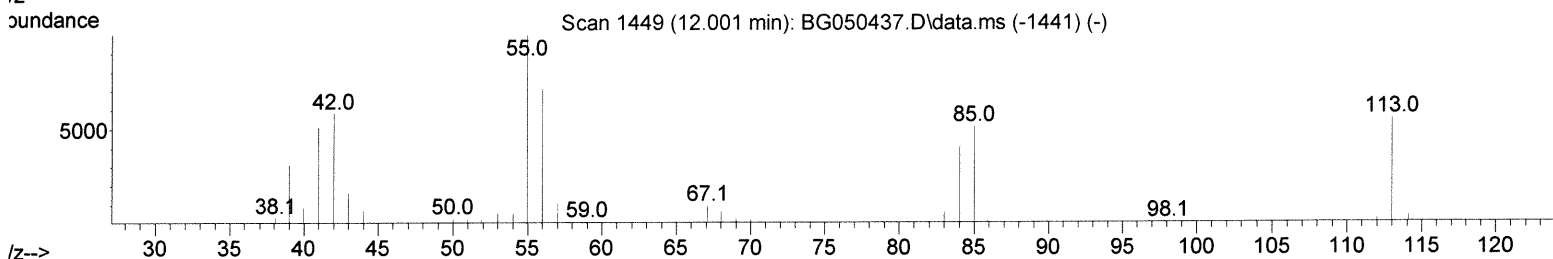
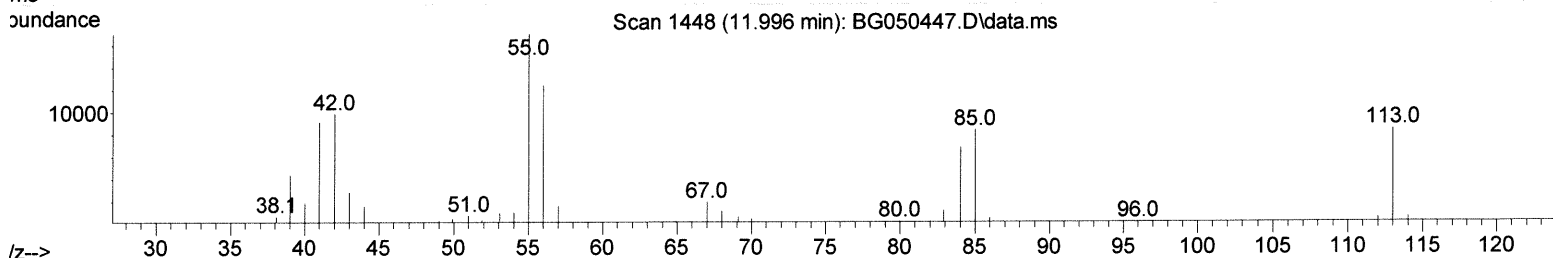
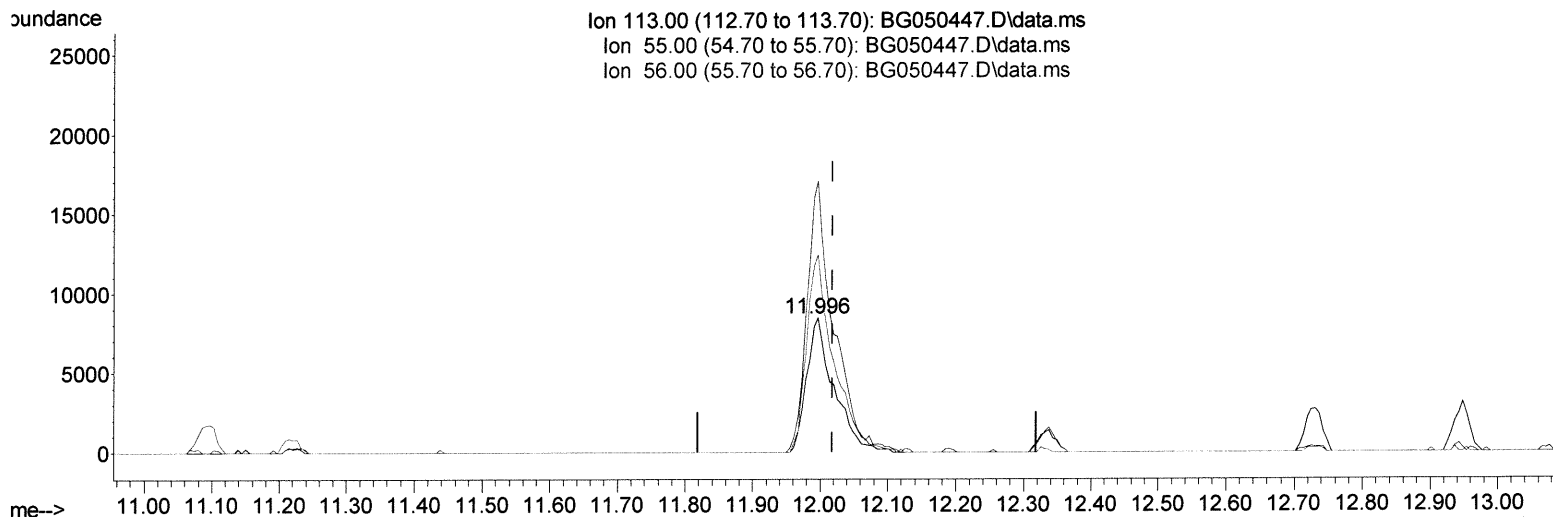
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TIC: BG050447.D\data.ms

(34) Caprolactam

11.996min (-0.022) 19.15 ng/ul

response 23789

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	201.54
56.00	132.30	147.04
0.00	0.00	0.00

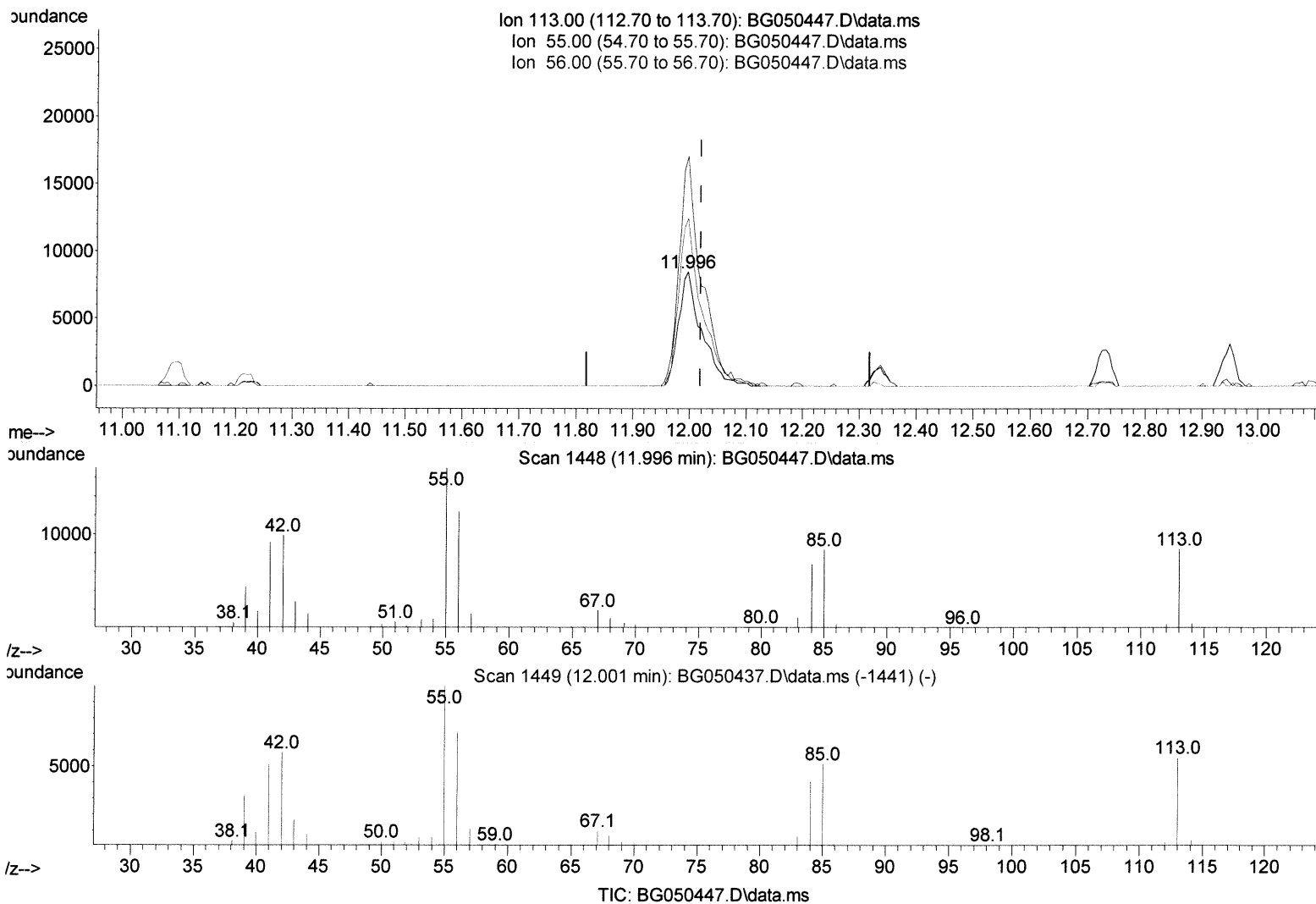
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(34) Caprolactam

11.996min (-0.022) 19.24 ng/ul

response 23907

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	201.54
56.00	132.30	147.04
0.00	0.00	0.00

2010/08/21

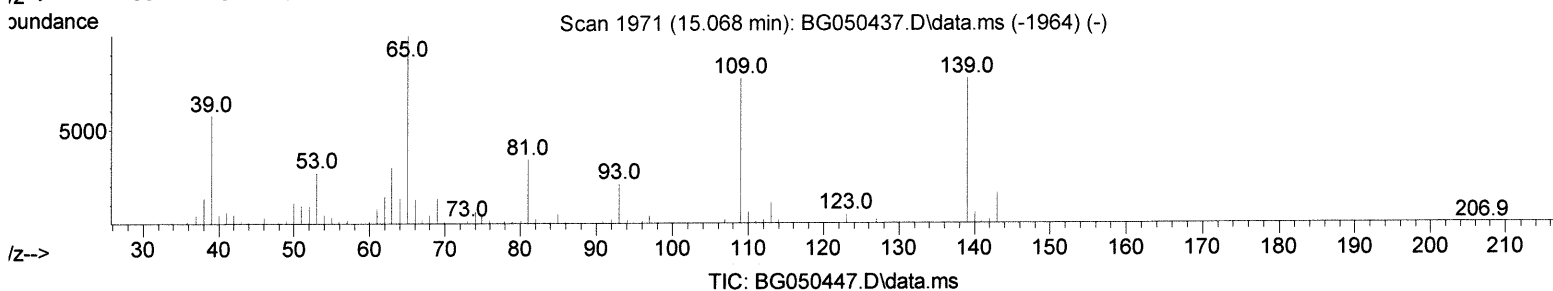
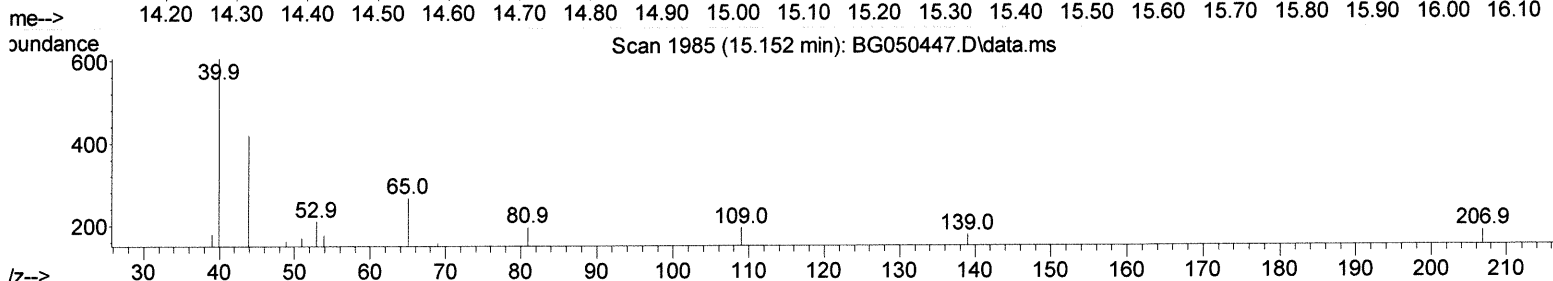
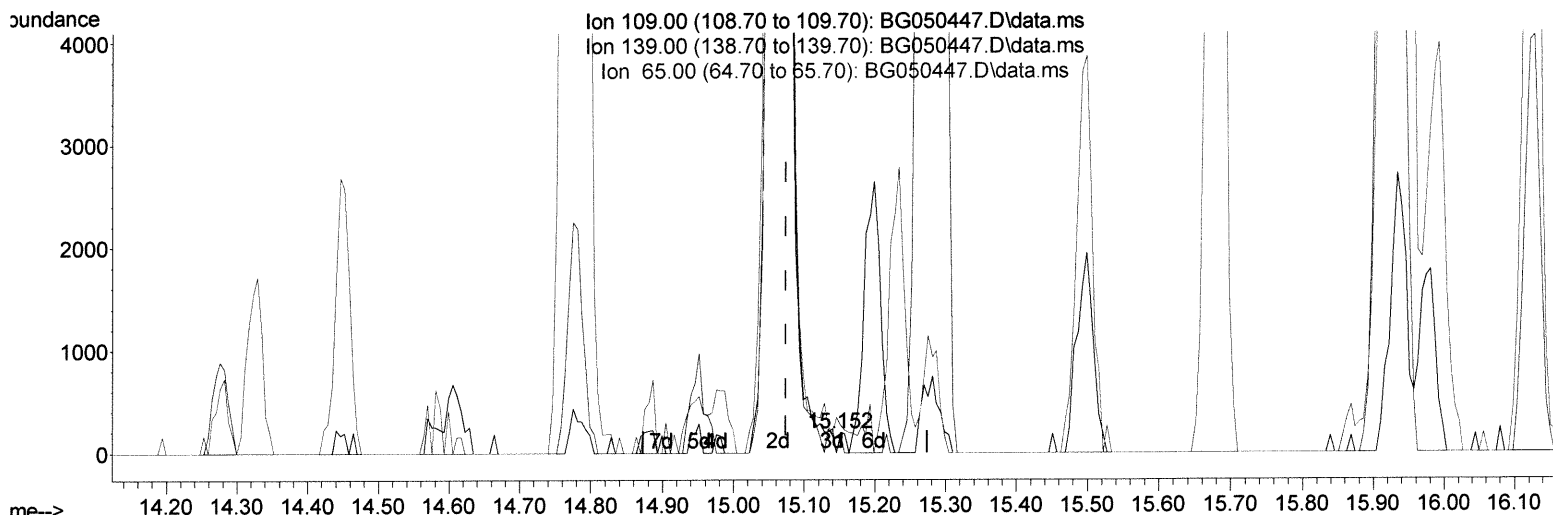
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(55) 4-Nitrophenol

15.152min (+ 0.078) 0.07 ng/ul

response 133

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	101.70	91.24
65.00	122.20	137.63
0.00	0.00	0.00

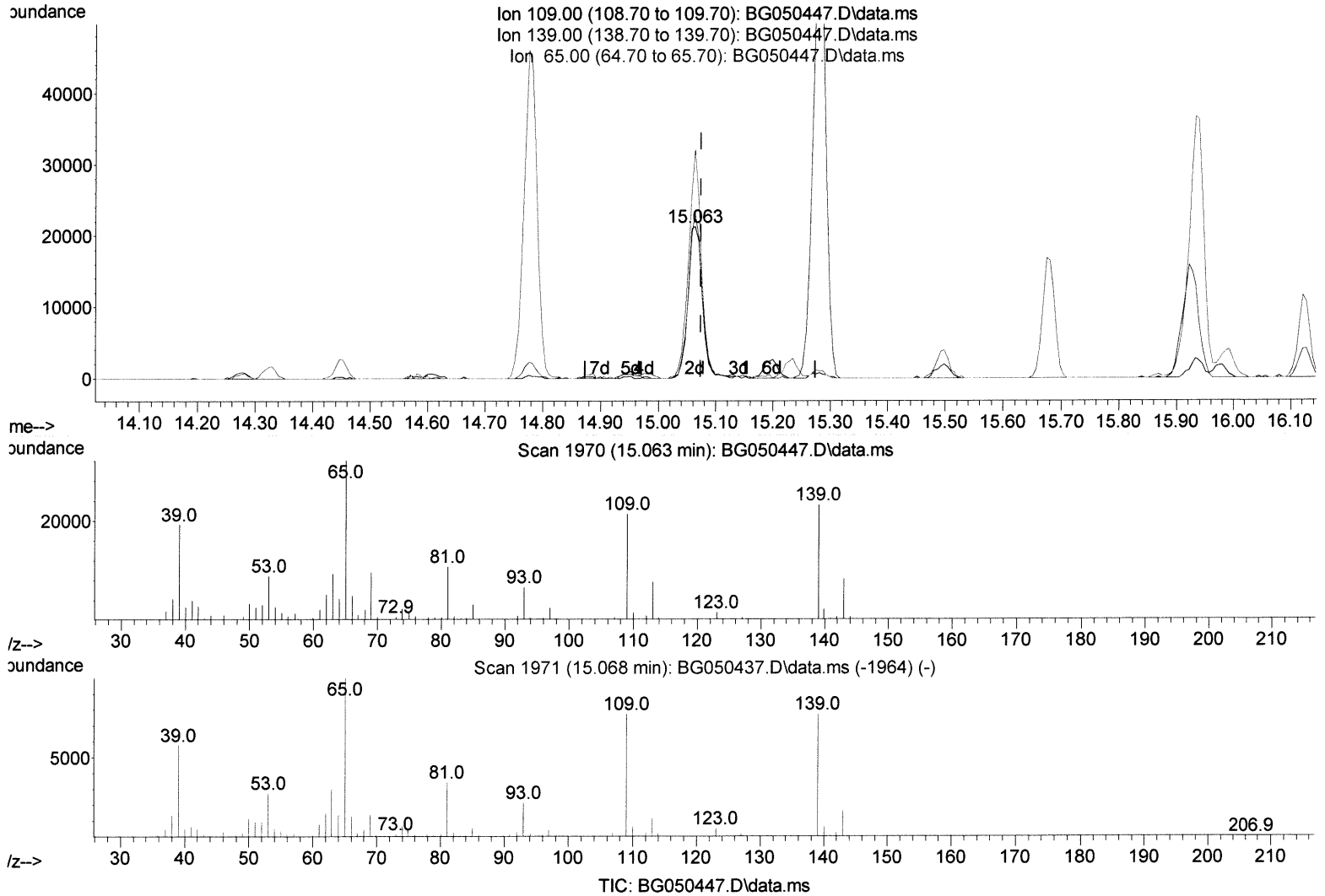
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(55) 4-Nitrophenol

15.063min (-0.011) 19.81 ng/ul m

response 37308

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	101.70	108.76
65.00	122.20	150.81#
0.00	0.00	0.00

34/10/2021

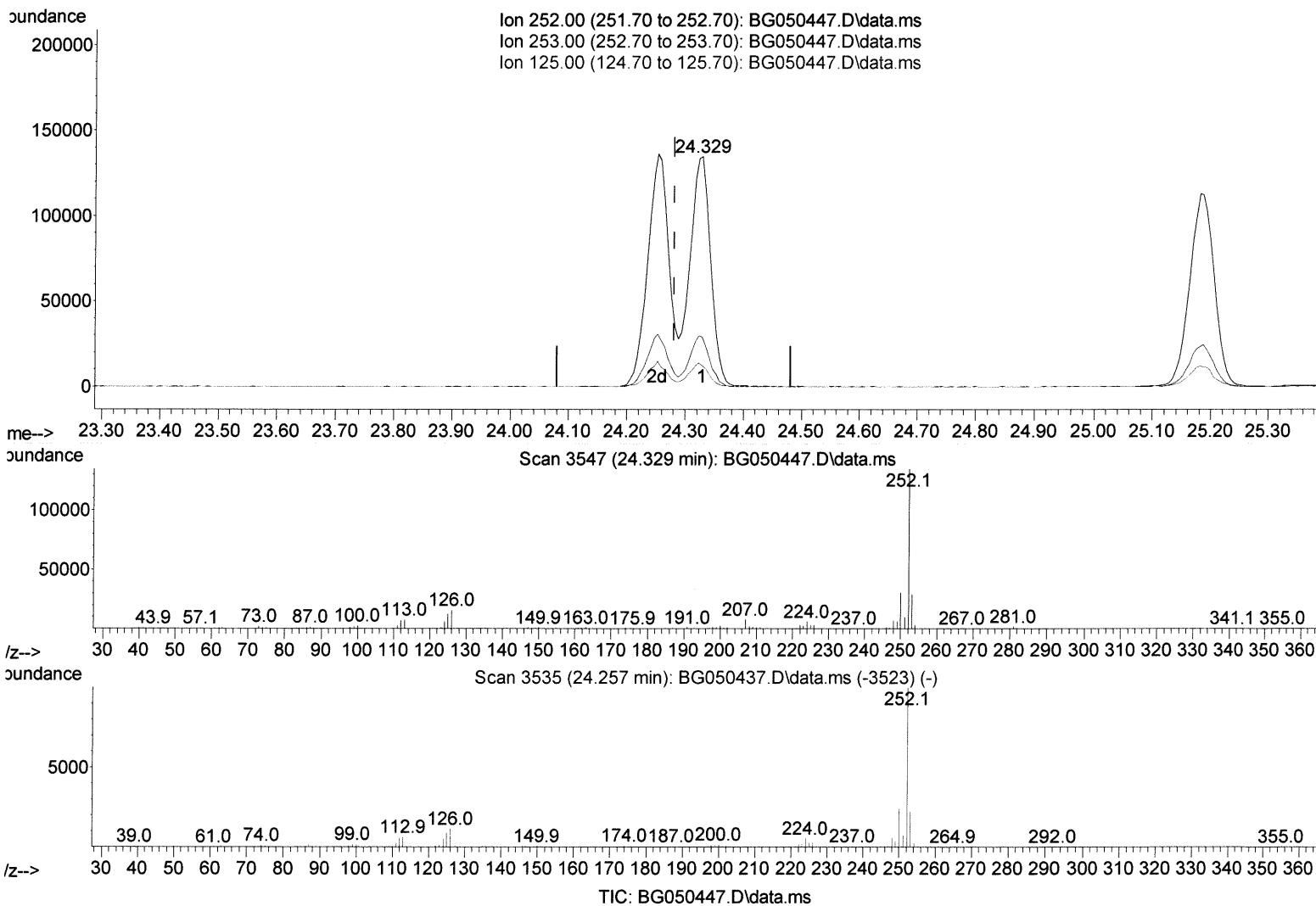
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(90) Benzo(b)fluoranthene

24.329min (+ 0.048) 19.48 ng/ul

response 330755

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	21.50
125.00	8.40	9.17
0.00	0.00	0.00

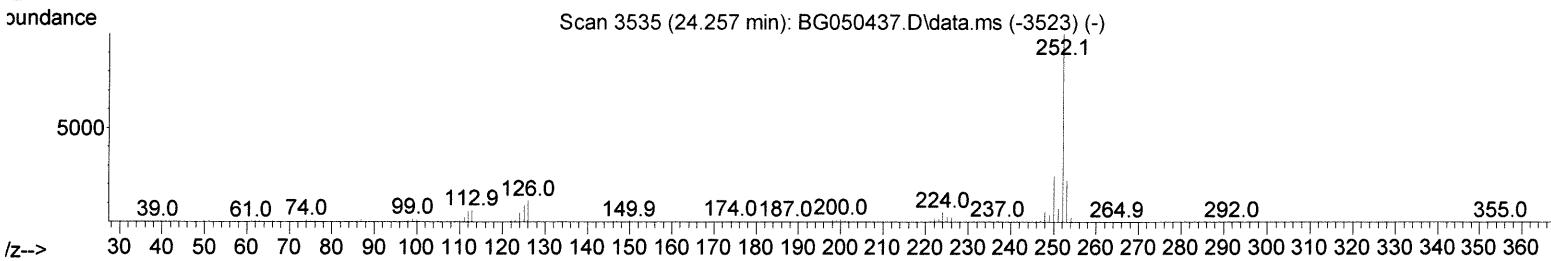
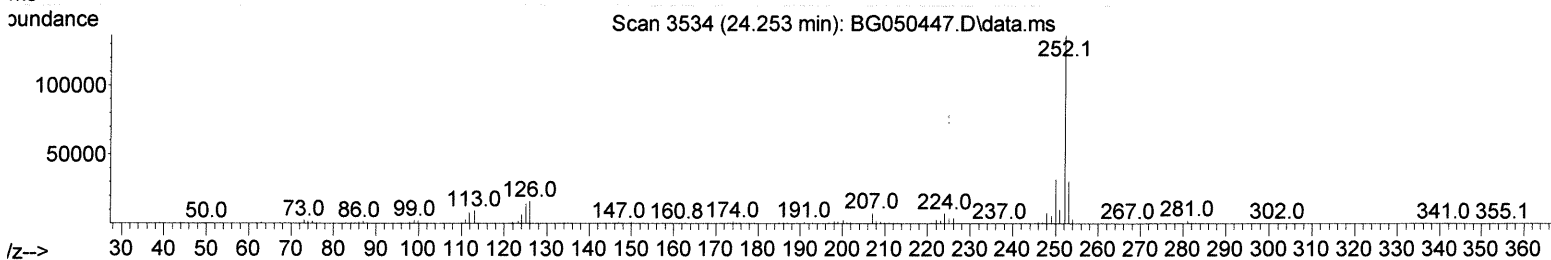
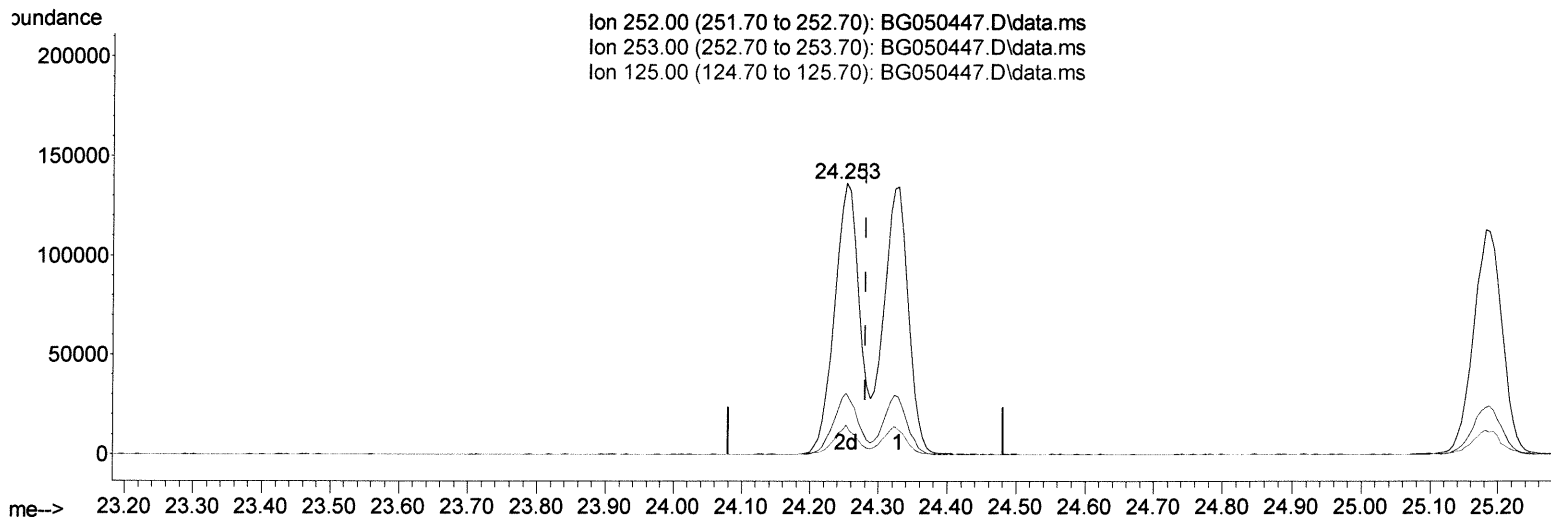
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TIC: BG050447.D\data.ms

(90) Benzo(b)fluoranthene

24.253min (-0.028) 20.39 ng/ul m

response 346163

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	22.42
125.00	8.40	10.74#
0.00	0.00	0.00

JU 10/08/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.266	152	52170	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.092	136	219103	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.887	164	144499	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.625	188	309698	20.000	ng/ul	-0.01
79) Chrysene-d12	21.926	240	279857	20.000	ng/ul	-0.02
88) Perylene-d12	25.351	264	278713	20.000	ng/ul	-0.03

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.636	96	11954	8.418	ng/uL	0.00
4) Pyridine-d5	4.059	84	87673	20.720	ng/ul	-0.01
7) Phenol-d5	7.396	99	94035	20.630	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.578	67	63101	21.997	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.790	132	65341	20.459	ng/ul	-0.01
15) 4-Methylphenol-d8	8.959	113	71442	20.708	ng/ul	0.00
21) Nitrobenzene-d5	9.435	128	33720	21.999	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.163	143	36399	22.127	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.698	165	66375	20.433	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.221	131	93802	20.214	ng/ul	0.00
46) Dimethylphthalate-d6	14.276	166	194607	19.679	ng/ul	-0.02
49) Acenaphthylene-d8	14.582	160	254814	20.518	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.046	143	35061	18.408	ng/ul	-0.01
60) Fluorene-d10	15.868	176	172244	19.332	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.980	200	26885	17.405	ng/ul	0.00
73) Anthracene-d10	17.725	188	264523	20.218	ng/ul	-0.01
81) Pyrene-d10	19.999	212	307581	20.669	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.110	264	285744	20.389	ng/ul	-0.03

Target Compounds						
2) 1,4-Dioxane	3.671	88	13811m	8.039	ng/ul	Qvalue > 94 10/8/21
5) Pyridine	4.076	79	90502	21.115	ng/ul	97
6) Benzaldehyde	7.402	77	75558	25.135	ng/ul	98
8) Phenol	7.425	94	100067	21.419	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.672	93	74649	21.302	ng/ul	97
12) 2-Chlorophenol	7.825	128	67768	20.740	ng/ul#	90
13) 2-Methylphenol	8.694	108	71283	20.704	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.794	45	120515	22.921	ng/ul	97
16) Acetophenone	9.094	105	116389	21.233	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.070	70	69623	21.135	ng/ul	96
18) 4-Methylphenol	9.018	108	77157	21.160	ng/ul	97
19) Hexachloroethane	9.364	117	28843	20.539	ng/ul	99
22) Nitrobenzene	9.476	77	101906	22.184	ng/ul	95
23) Isophorone	9.999	82	185505	21.013	ng/ul	98
25) 2-Nitrophenol	10.193	139	37950	22.446	ng/ul	97
26) 2,4-Dimethylphenol	10.234	107	87917	20.948	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.481	93	99908	20.961	ng/ul	96
29) 2,4-Dichlorophenol	10.727	162	67275	20.919	ng/ul	98
30) Naphthalene	11.145	128	229001	20.358	ng/ul	99
32) 4-Chloroaniline	11.244	127	95011	20.337	ng/ul	100
33) Hexachlorobutadiene	11.421	225	45594	19.509	ng/ul	98
34) Caprolactam	11.996	113	23907m	19.241	ng/ul	>> 94 10/8/21
35) 4-Chloro-3-methylphenol	12.331	107	79022	20.841	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.731	142	154069	20.145	ng/ul	97
37) 1-Methylnaphthalene	12.948	142	153606	19.951	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.089	216	85114	20.411	ng/ul#	96
40) Hexachlorocyclopentadiene	13.066	237	39502	14.284	ng/ul#	86
41) 2,4,6-Trichlorophenol	13.318	196	54664	20.798	ng/ul	99
42) 2,4,5-Trichlorophenol	13.389	196	59137	20.569	ng/ul	98
43) 1,1'-Biphenyl	13.718	154	201390	20.710	ng/ul	99
44) 2-Chloronaphthalene	13.771	162	156452	20.536	ng/ul	97
45) 2-Nitroaniline	13.965	65	60675	24.327	ng/ul	88
47) Dimethylphthalate	14.323	163	195132	19.611	ng/ul	100
48) 2,6-Dinitrotoluene	14.452	165	39937	21.338	ng/ul	91
50) Acenaphthylene	14.611	152	259662	20.612	ng/ul	98
51) 3-Nitroaniline	14.781	138	43216	21.227	ng/ul	88
52) Acenaphthene	14.946	153	169735	20.386	ng/ul	97
53) 2,4-Dinitrophenol	14.981	184	17399	14.914	ng/ul#	82
55) 4-Nitrophenol	15.063	109	37308m	19.808	ng/ul	97
56) Dibenzofuran	15.281	168	241159	19.915	ng/ul	97
57) 2,4-Dinitrotoluene	15.234	165	56820	20.907	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.498	232	46109	18.649	ng/ul#	87
59) Diethylphthalate	15.680	149	203390	19.590	ng/ul	99
61) Fluorene	15.927	166	187825	19.496	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.915	204	98538	18.887	ng/ul	91
63) 4-Nitroaniline	15.933	138	43726	21.268	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.992	198	27973	18.320	ng/ul	98
67) N-Nitrosodiphenylamine	16.121	169	166209	21.226	ng/ul	97
68) 4-Bromophenyl-phenylether	16.808	248	58935	20.440	ng/ul	98
69) Hexachlorobenzene	16.926	284	61496	20.254	ng/ul	98
70) Atrazine	17.061	200	68280	20.480	ng/ul	98
71) Pentachlorophenol	17.267	266	35867	18.038	ng/ul	96
72) Phenanthrene	17.672	178	313866	20.303	ng/ul	99
74) Anthracene	17.760	178	315120	20.582	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.689	216	88712	21.727	ng/ul	97
76) Pentachlorobenzene	15.199	250	81028	21.723	ng/ul	100
77) Carbazole	18.025	167	290088	21.168	ng/ul	98
78) Di-n-butylphthalate	18.565	149	349934	21.549	ng/ul	99
80) Fluoranthene	19.664	202	384955	20.599	ng/ul	97
82) Pyrene	20.028	202	382101	20.735	ng/ul	99
83) Butylbenzylphthalate	20.898	149	154918	22.807	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.814	252	125839	21.816	ng/ul	99
85) Benzo(a)anthracene	21.908	228	347604	20.603	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.791	149	223541	22.902	ng/ul	99
87) Chrysene	21.979	228	332698	20.577	ng/ul	98
89) Di-n-octyl phthalate	23.072	149	382427	23.879	ng/ul	100
90) Benzo(b)fluoranthene	24.253	252	346163m	20.391	ng/ul	97
91) Benzo(k)fluoranthene	24.329	252	330755	20.938	ng/ul	100
93) Benzo(a)pyrene	25.181	252	331915	20.491	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.270	276	368530	20.265	ng/ul	97
95) Dibenzo(a,h)anthracene	29.347	278	316221	20.433	ng/ul	99
96) Benzo(g,h,i)perylene	30.504	276	307562	20.062	ng/ul	97

> 34 10/08/21

> 34 10/08/21

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