

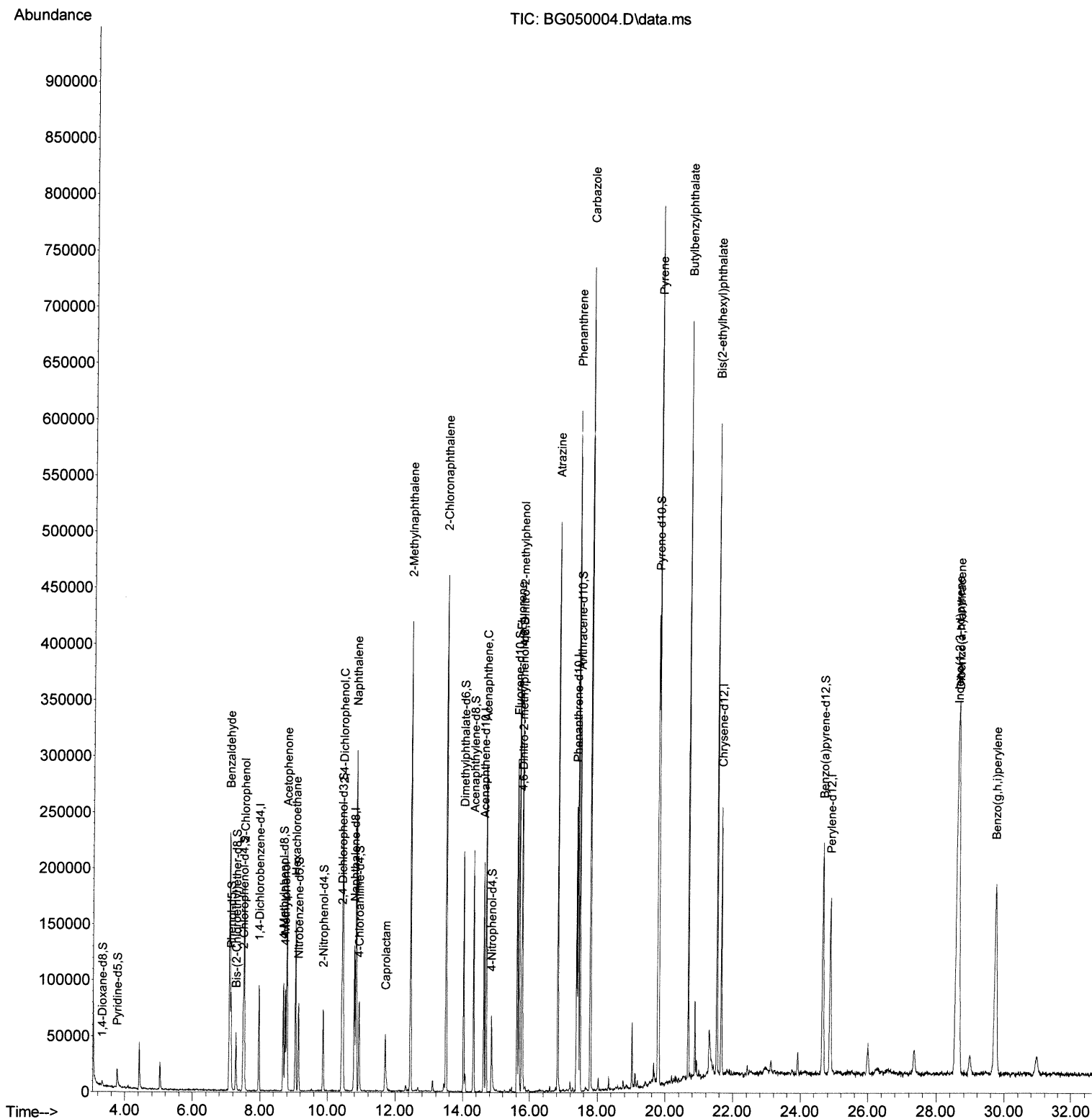
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050004.D
Acq On : 27 Aug 2021 18:49
Operator : CG/JU
Sample : M3395-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
X3629

Manual Integrations
APPROVED

mohammad
8/30/2021 10:32:45 AM

Quant Time: Aug 27 23:36:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 27 11:22:49 2021
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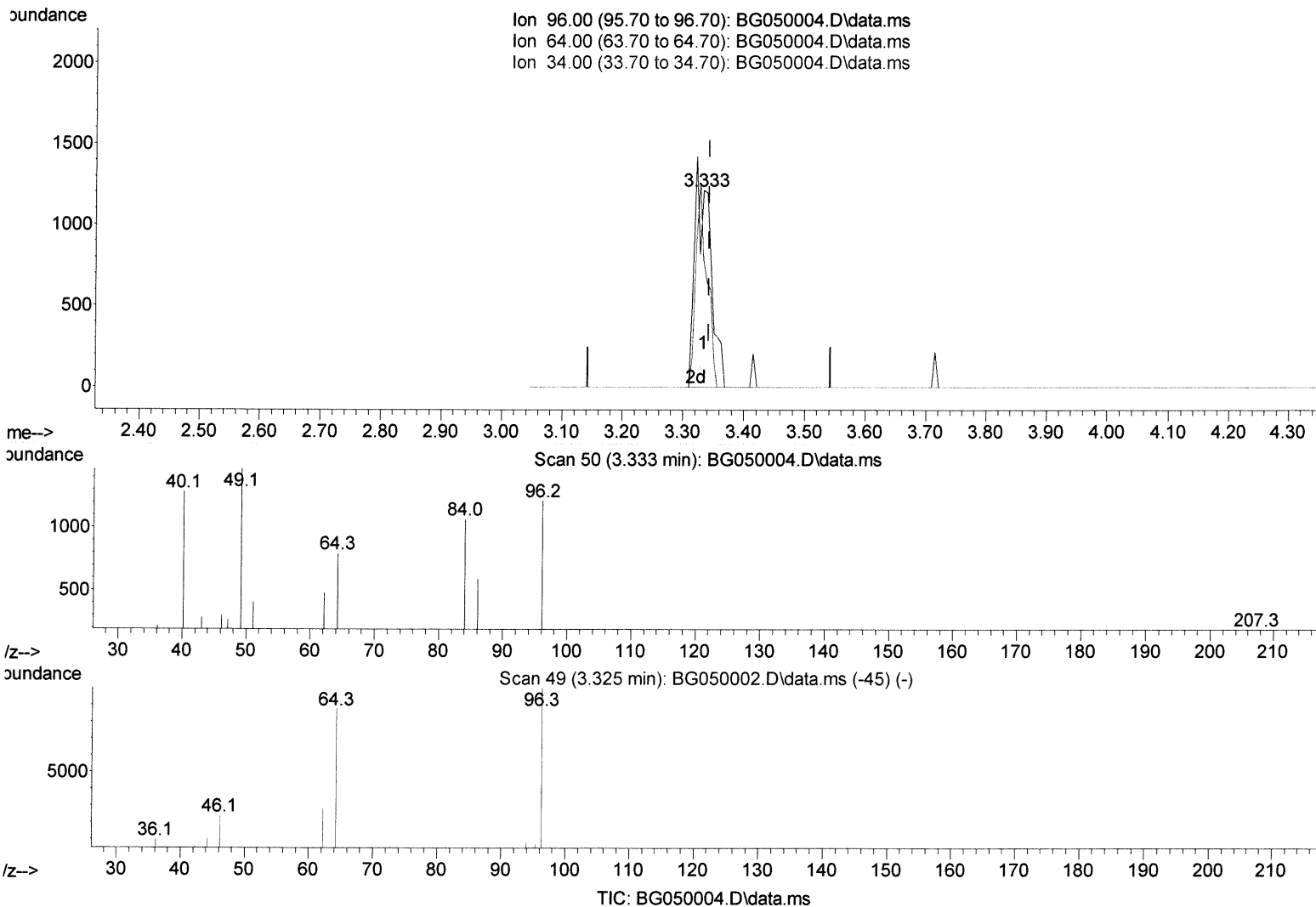
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(3) 1,4-Dioxane-d8 (S)

3.333min (-0.010) 1.86 ng/uL

response	984
Ion	Exp% Act%
96.00	100.00 100.00
64.00	63.40 65.16
34.00	0.00 0.00
0.00	0.00 0.00

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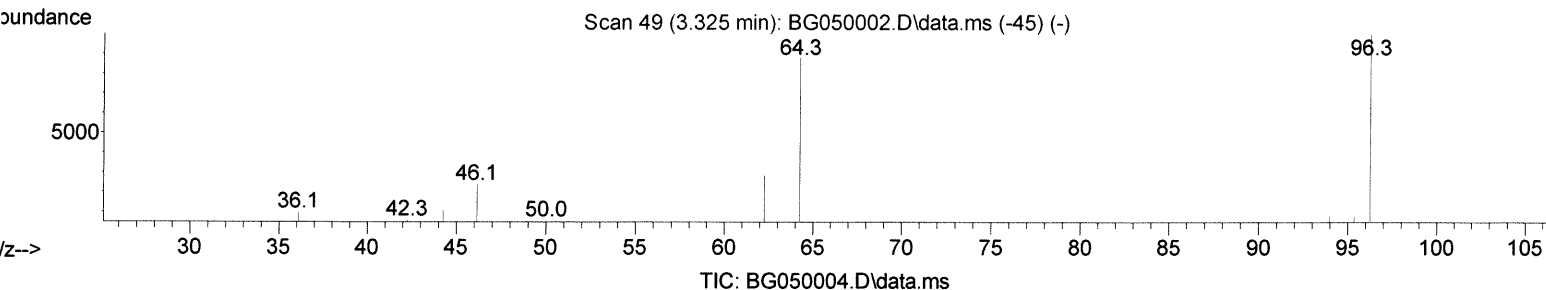
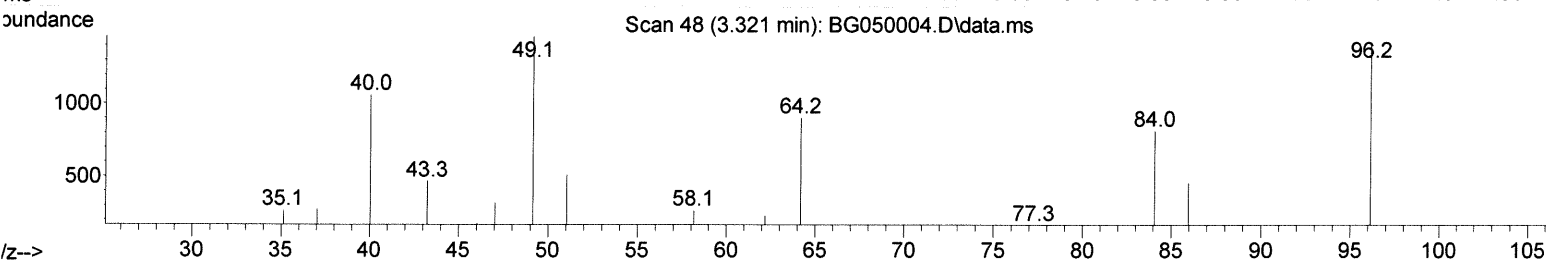
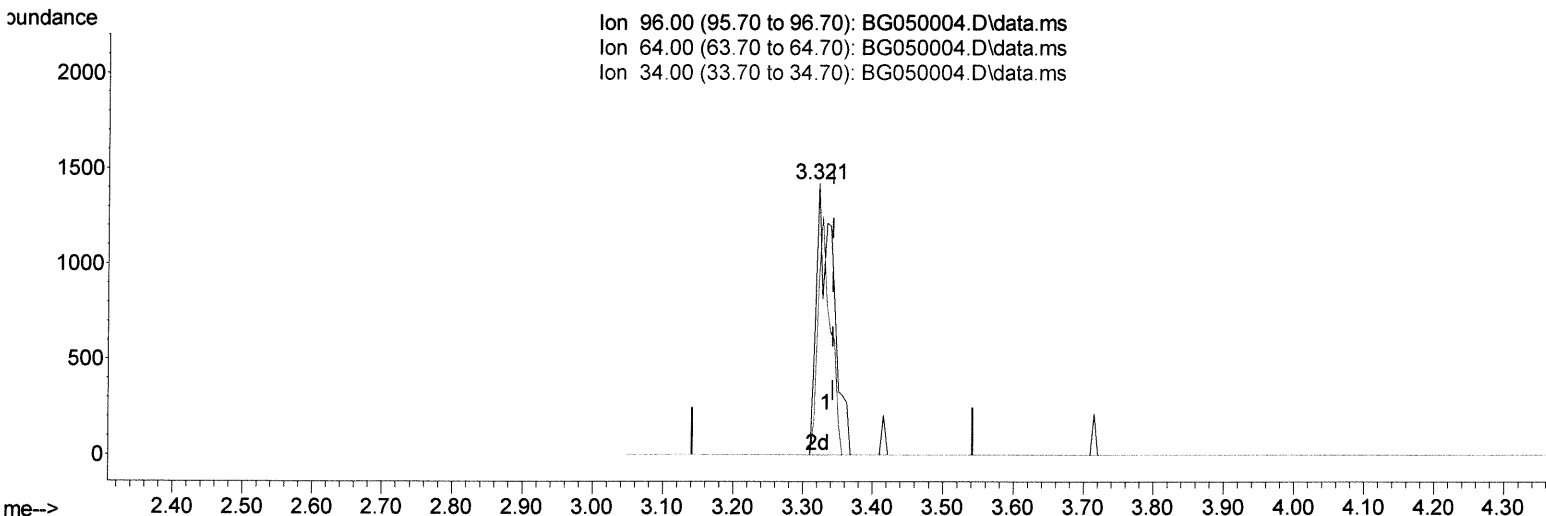
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Ion 96.00 (95.70 to 96.70): BG050004.D\data.ms
 Ion 64.00 (63.70 to 64.70): BG050004.D\data.ms
 Ion 34.00 (33.70 to 34.70): BG050004.D\data.ms



(3) 1,4-Dioxane-d8 (S)

3.321min (-0.021) 4.62 ng/uL m

JU 8/31/21

response	2438	
Ion	Exp%	Act%
96.00	100.00	100.00
64.00	63.40	63.48
34.00	0.00	0.00
0.00	0.00	0.00

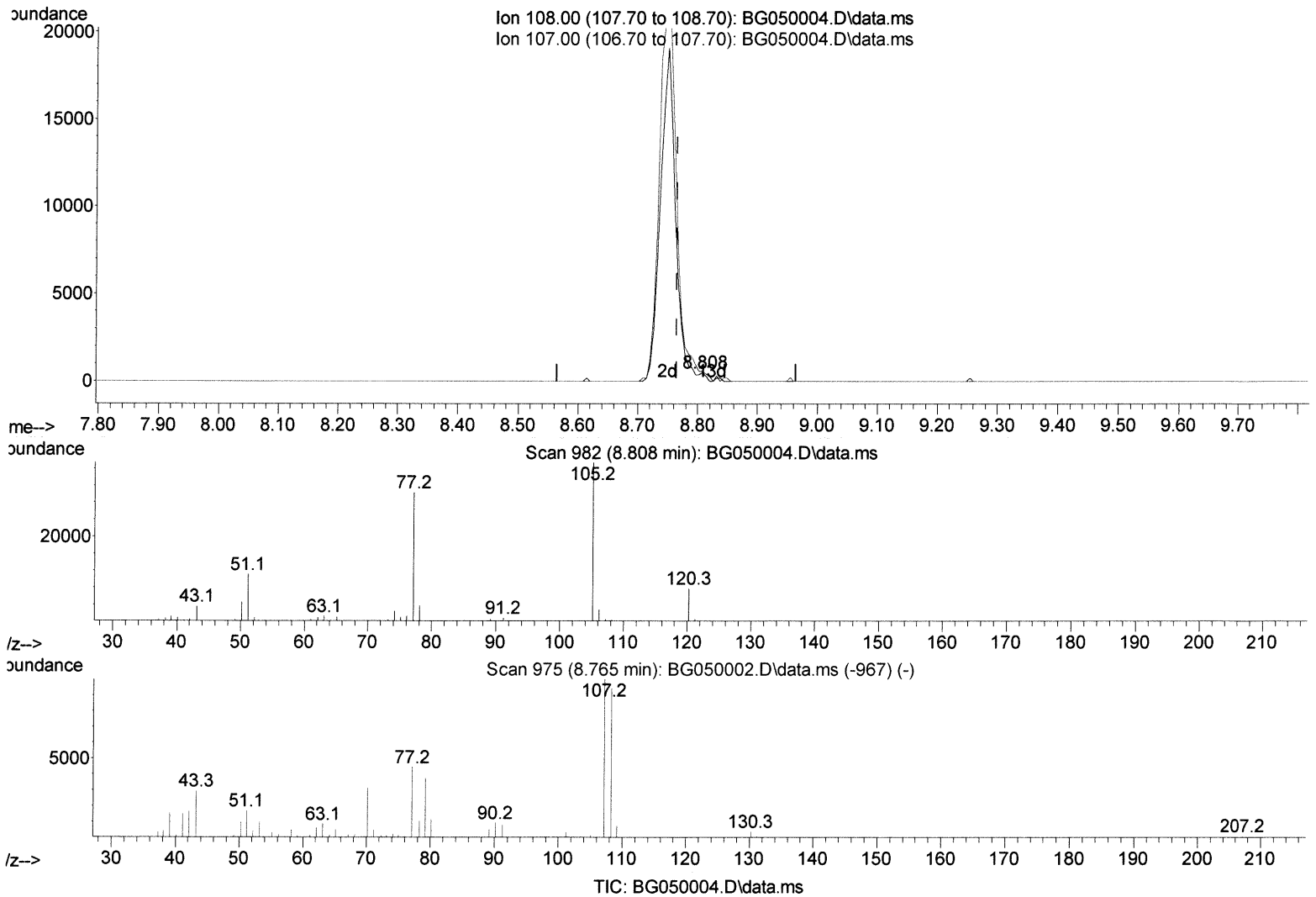
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(18) 4-Methylphenol

8.808min (+ 0.043) 0.20 ng/ul

response	388	
Ion	Exp%	Act%
108.00	100.00	100.00
107.00	97.90	110.18
0.00	0.00	0.00
0.00	0.00	0.00

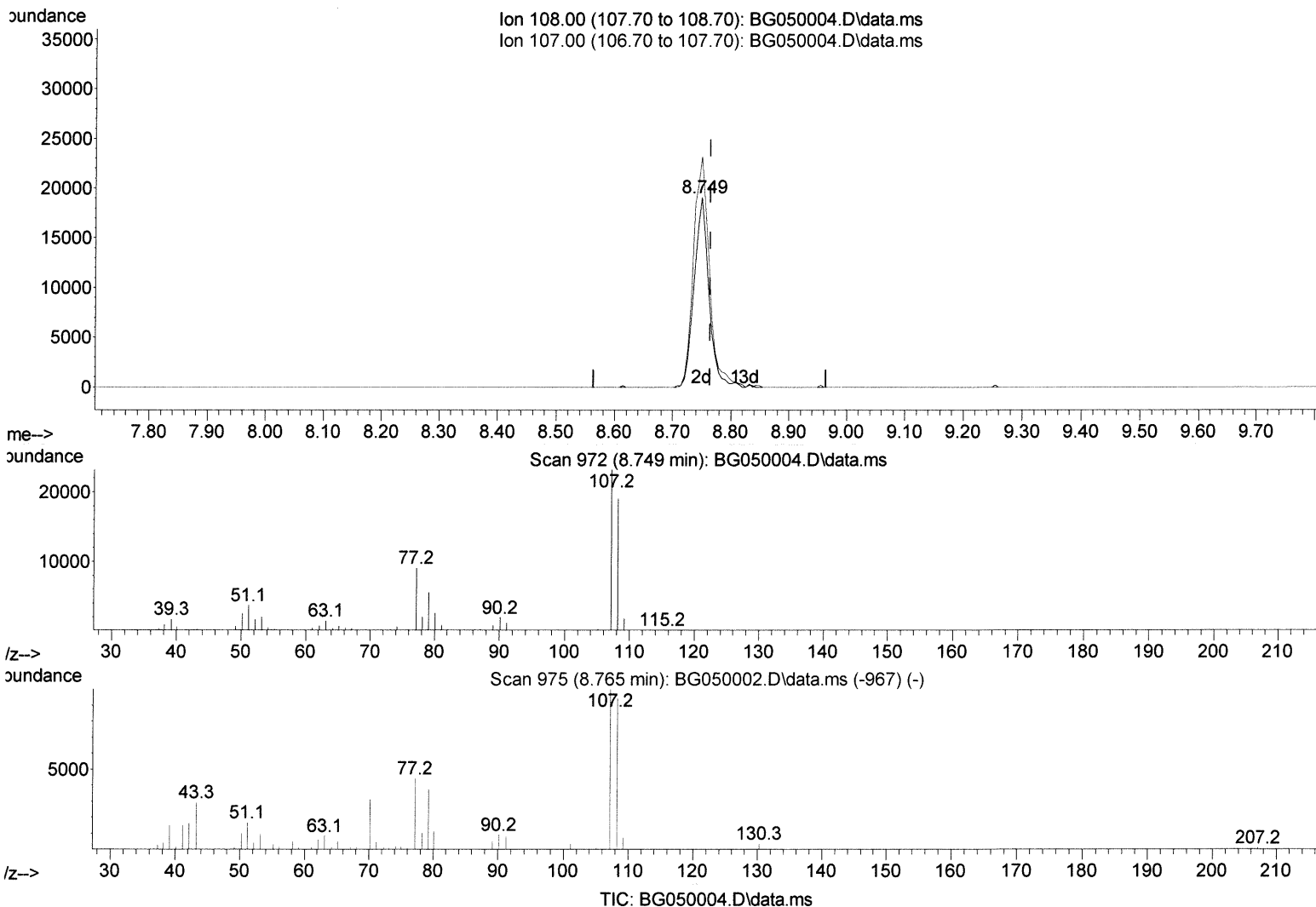
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(18) 4-Methylphenol

8.749min (-0.015) 17.42 ng/ul m

response 33749

Ion Exp% Act%

108.00 100.00 100.00

107.00 97.90 121.64#

0.00 0.00 0.00

0.00 0.00 0.00

28/8/21

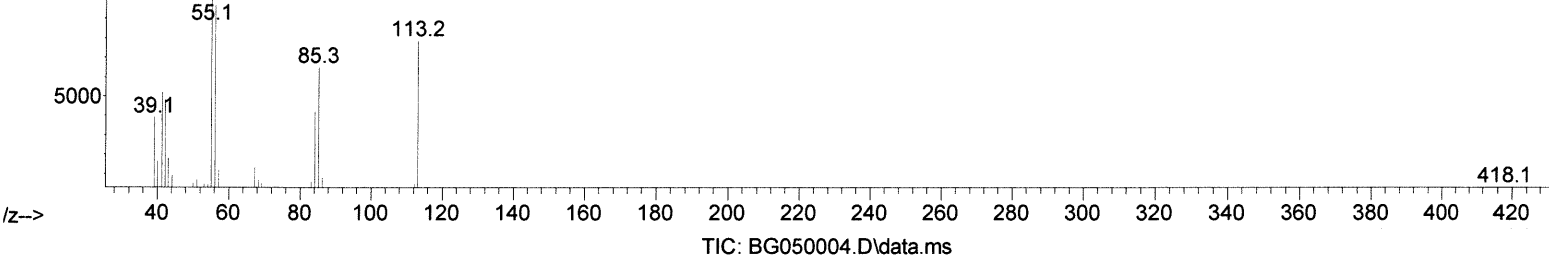
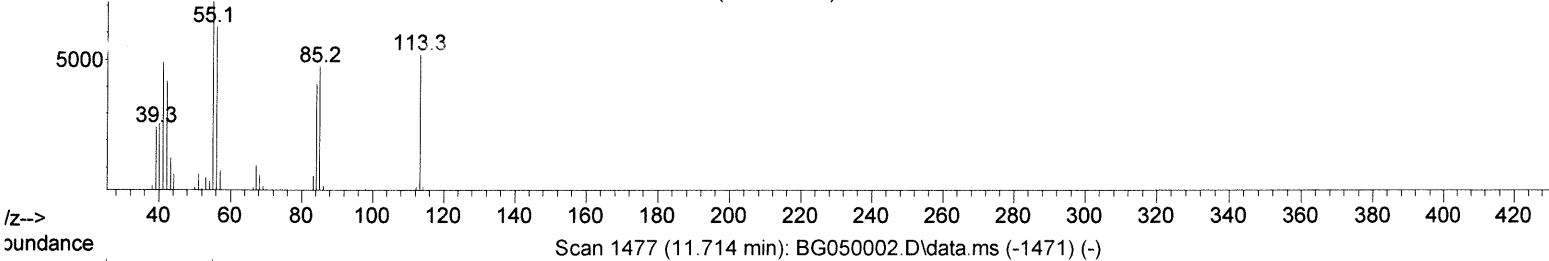
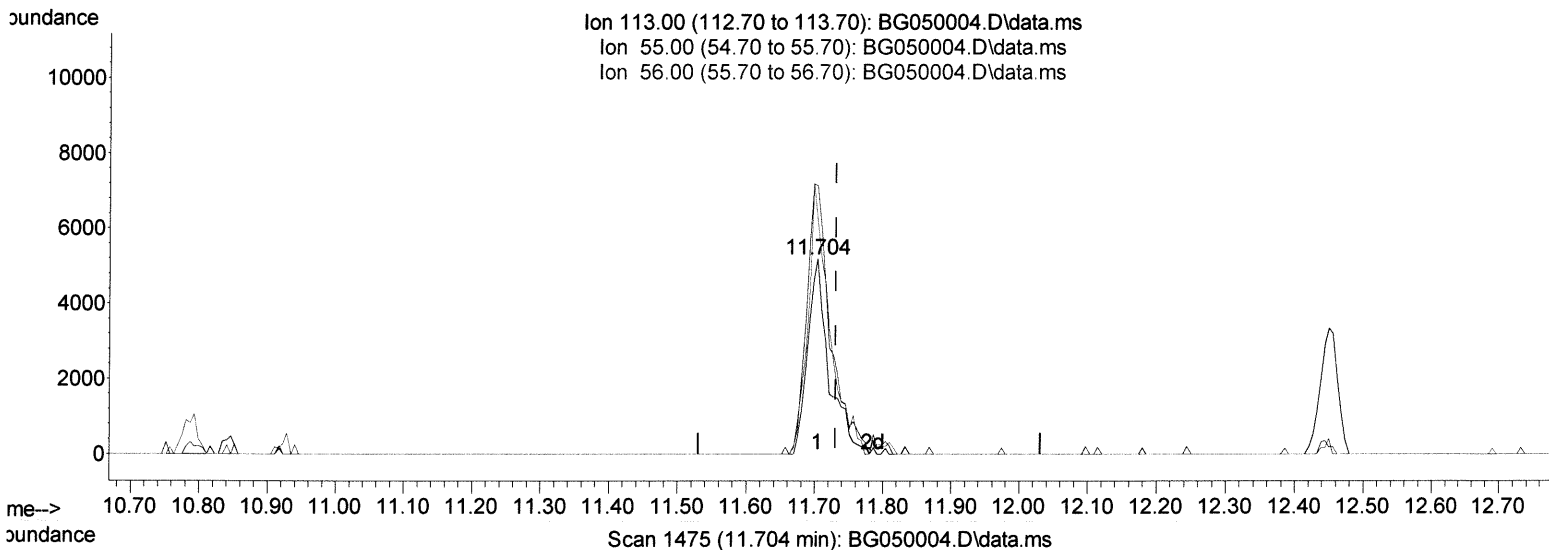
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(34) Caprolactam

11.704min (-0.027) 16.84 ng/ul

response 9581

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	137.71
56.00	134.20	119.87
0.00	0.00	0.00

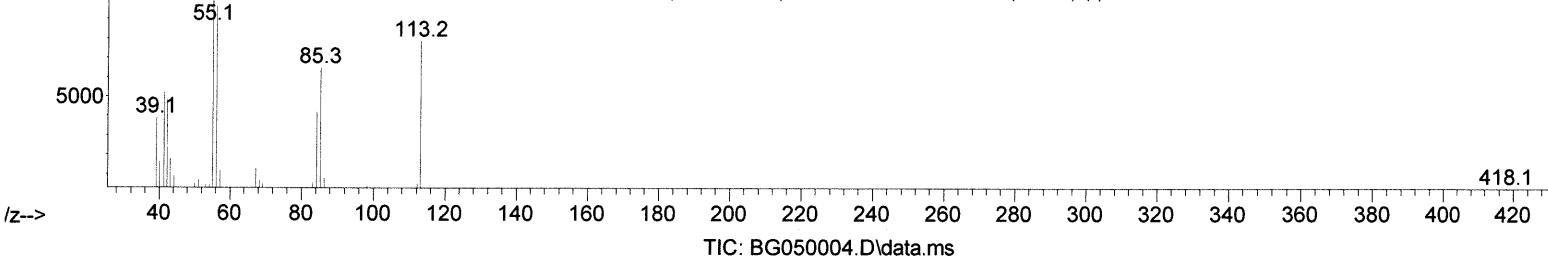
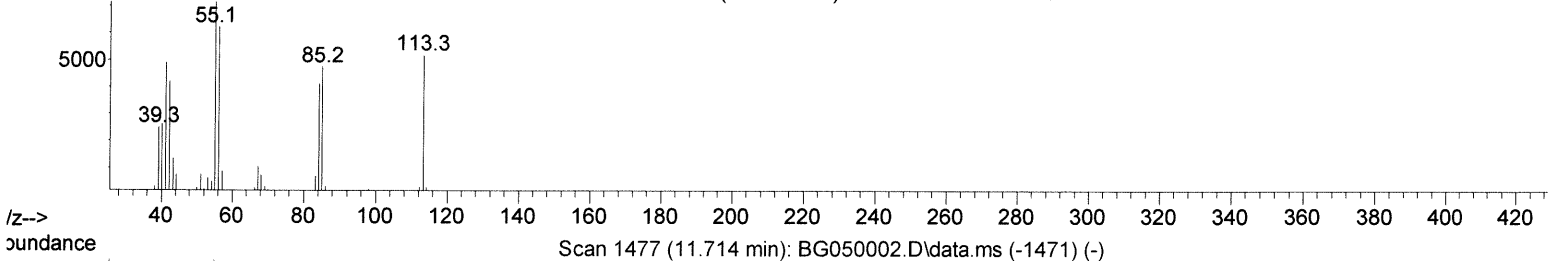
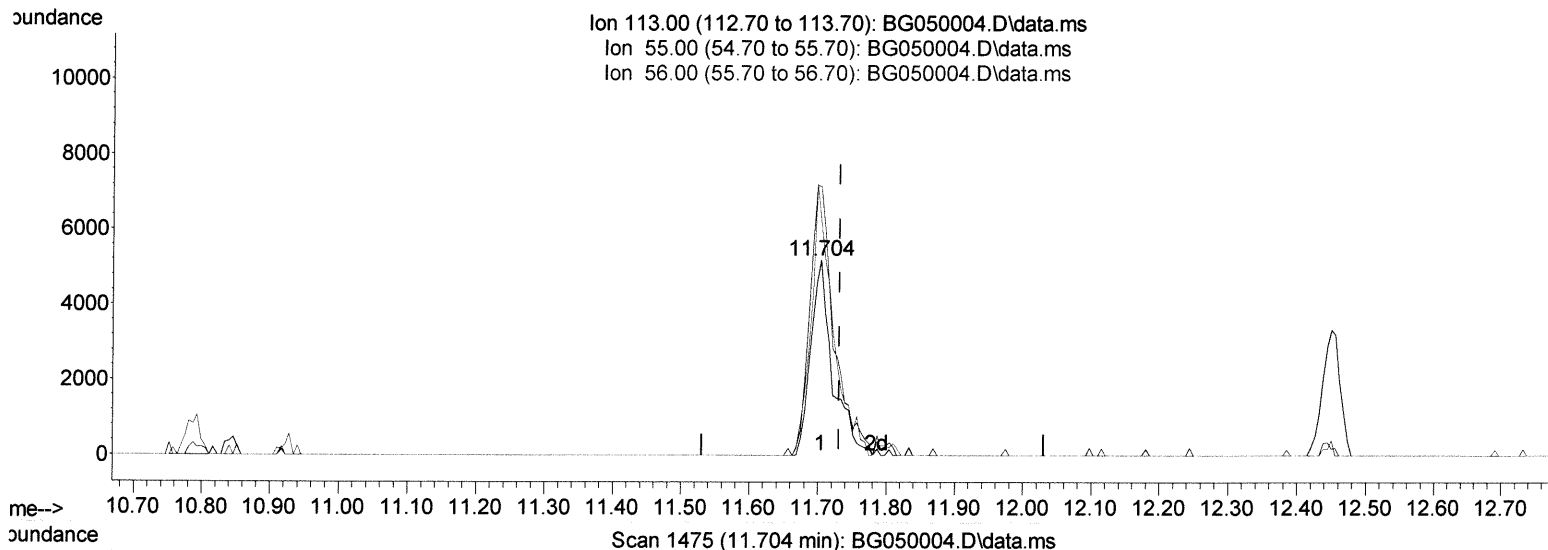
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 Misc :
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Instrument :
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(34) Caprolactam

11.704min (-0.027) 20.21 ng/ul m

response 11497

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	137.71
56.00	134.20	119.87
0.00	0.00	0.00

ju 8/31/21

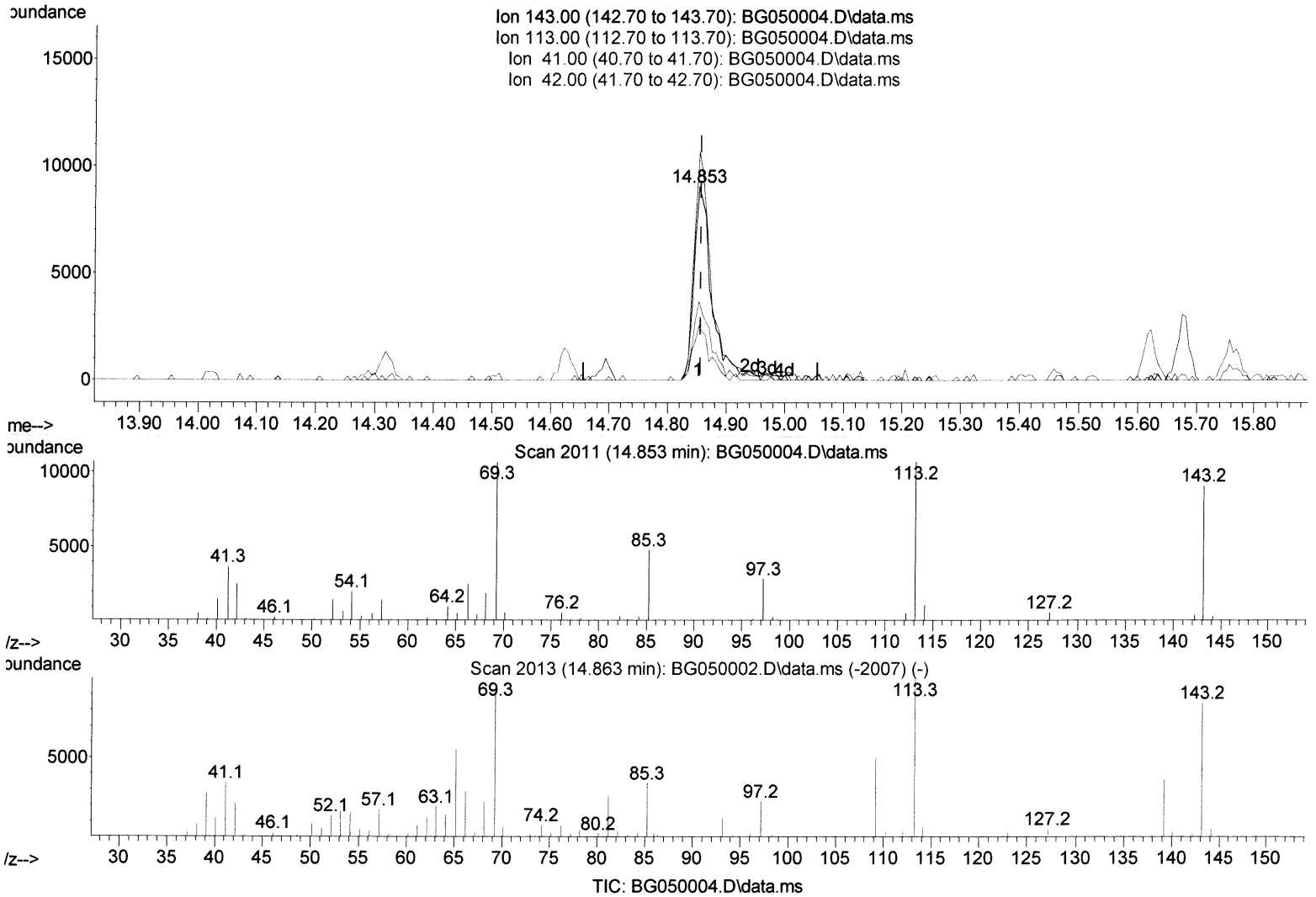
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(54) 4-Nitrophenol-d4 (S)

14.853min (-0.004) 21.09 ng/ul

response 17349

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	121.00	117.66
41.00	45.30	40.77
42.00	25.60	27.98

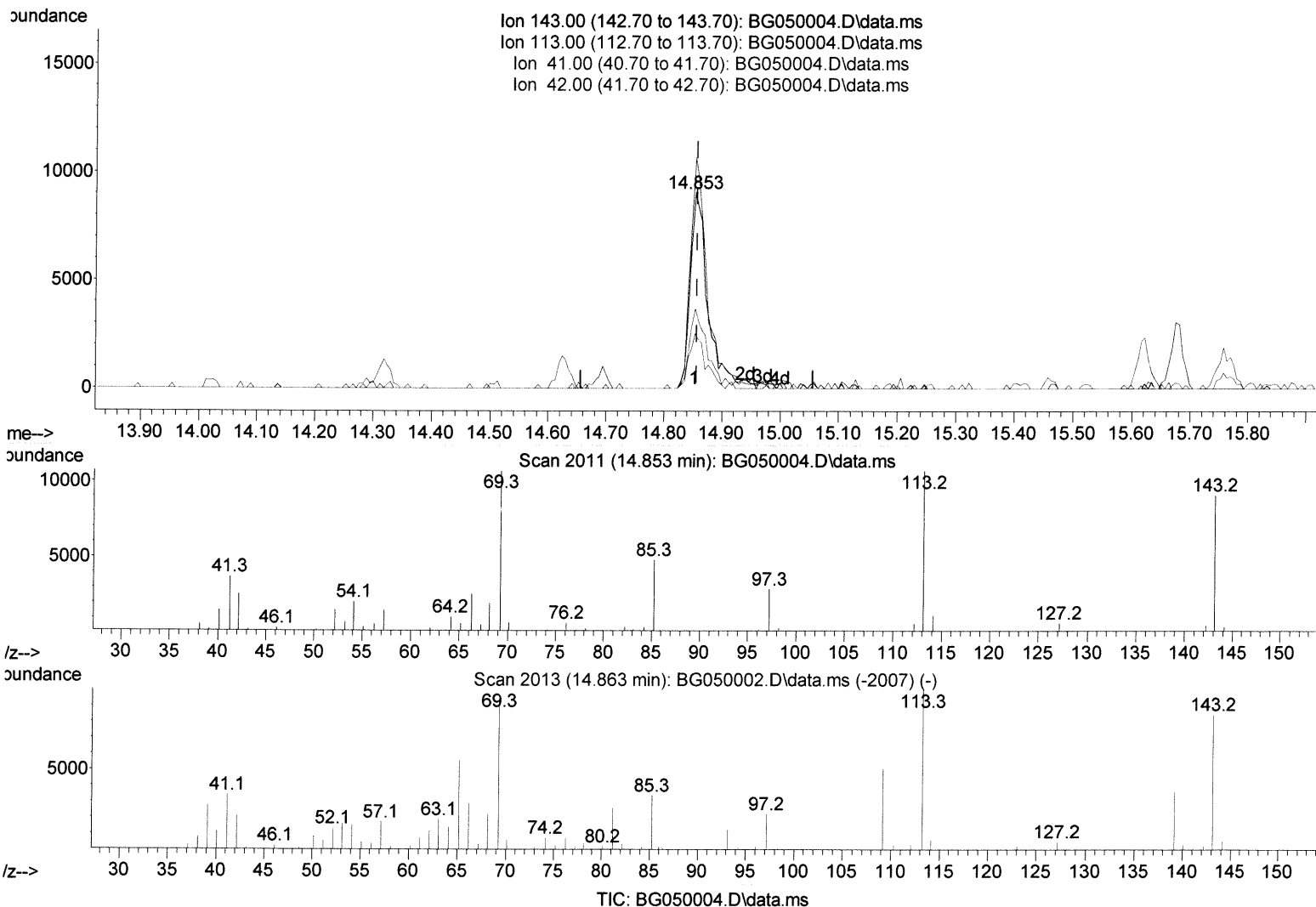
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 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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(54) 4-Nitrophenol-d4 (S)

14.853min (-0.004) 22.81 ng/ul m *Ju 8/30/21*

response 18760

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	121.00	117.66
41.00	45.30	40.77
42.00	25.60	27.98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.968	152	27219	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.788	136	107458	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.629	164	74282	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.379	188	160077	20.000	ng/ul	-0.02
79) Chrysene-d12	21.649	240	143967	20.000	ng/ul	-0.02
88) Perylene-d12	24.880	264	154642	20.000	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	2438m	4.619	ng/ul	-0.02 → JU 8/31/21
4) Pyridine-d5	3.773	84	13618	8.565	ng/ul	0.00
7) Phenol-d5	7.140	99	45716	19.779	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.286	67	26008	20.254	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.504	132	35762	20.678	ng/ul	0.00
15) 4-Methylphenol-d8	8.690	113	35846	19.692	ng/ul	0.00
21) Nitrobenzene-d5	9.137	128	16873	20.253	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.871	143	22177	22.356	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.417	165	42145	23.820	ng/ul	0.00
31) 4-Chloroaniline-d4	10.929	131	42265	17.550	ng/ul	0.00
46) Dimethylphthalate-d6	14.024	166	136903	24.082	ng/ul	-0.02
49) Acenaphthylene-d8	14.324	160	159662	23.953	ng/ul	0.00
54) 4-Nitrophenol-d4	14.853	143	18760m	22.809	ng/ul	> 0.00 → JU 8/31/21
60) Fluorene-d10	15.622	176	119653	24.824	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	23329	22.653	ng/ul	0.00
73) Anthracene-d10	17.478	188	193383	26.903	ng/ul	-0.02
81) Pyrene-d10	19.769	212	229231	29.465	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.657	264	229740	28.003	ng/ul	-0.02

Target Compounds					Qvalue
6) Benzaldehyde	7.098	77	88172	66.291	ng/ul 97
12) 2-Chlorophenol	7.533	128	78779	46.098	ng/ul# 89
16) Acetophenone	8.796	105	116237	39.155	ng/ul 97
18) 4-Methylphenol	8.749	108	33749m	17.417	ng/ul > → JU 8/31/21
19) Hexachloroethane	9.055	117	27601	36.905	ng/ul 89
29) 2,4-Dichlorophenol	10.447	162	91020	56.048	ng/ul 98
30) Naphthalene	10.840	128	248537	46.273	ng/ul 98
34) Caprolactam	11.704	113	11497m	20.211	ng/ul > → JU 8/31/21
36) 2-Methylnaphthalene	12.450	142	192323	48.170	ng/ul 93
44) 2-Chloronaphthalene	13.502	162	221641	53.171	ng/ul 96
52) Acenaphthene	14.688	153	128354	29.044	ng/ul 95
61) Fluorene	15.675	166	167735	32.486	ng/ul 92
66) 4,6-Dinitro-2-methylph...	15.769	198	68118	72.973	ng/ul 98
70) Atrazine	16.832	200	102650	54.826	ng/ul 99
72) Phenanthrene	17.426	178	328693	41.188	ng/ul 97
77) Carbazole	17.790	167	448613	62.341	ng/ul 98
82) Pyrene	19.799	202	499305	52.486	ng/ul 99
83) Butylbenzylphthalate	20.674	149	185727	49.473	ng/ul 100
86) Bis(2-ethylhexyl)phtha...	21.526	149	238596	46.279	ng/ul 98
94) Indeno(1,2,3-cd)pyrene	28.593	276	583515	51.492	ng/ul# 92
95) Dibenzo(a,h)anthracene	28.634	278	385387	40.625	ng/ul# 99
96) Benzo(g,h,i)perylene	29.732	276	365873	38.404	ng/ul 94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed