

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032816\
 Data File : BG021538.D
 Acq On : 28 Mar 2016 22:54
 Operator : UM/SJ
 Sample : H1910-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB3

Quant Time: Mar 29 02:05:06 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 29 02:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	8832	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	42465	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	27936	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	74156	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	88249	20.00	ng/ul	-0.01
86) Perylene-d12	24.89	264	79231	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.34	99	2699	3.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	14689	29.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	15150	23.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	9530	13.33	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	10330	32.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	11030	30.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	18343	28.18	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	1119	1.31	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	77814	33.45	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	92795	32.36	ng/ul	0.00
52) 4-Nitrophenol-d4	15.10	143	1792	4.82	ng/ul	0.01
58) Fluorene-d10	15.66	176	69260	33.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.78	200	14800	30.21	ng/ul	0.00
71) Anthracene-d10	17.51	188	119178	32.80	ng/ul	0.00
79) Pyrene-d10	19.79	212	146681	35.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.67	264	131083	35.85	ng/ul	0.00

Target Compounds

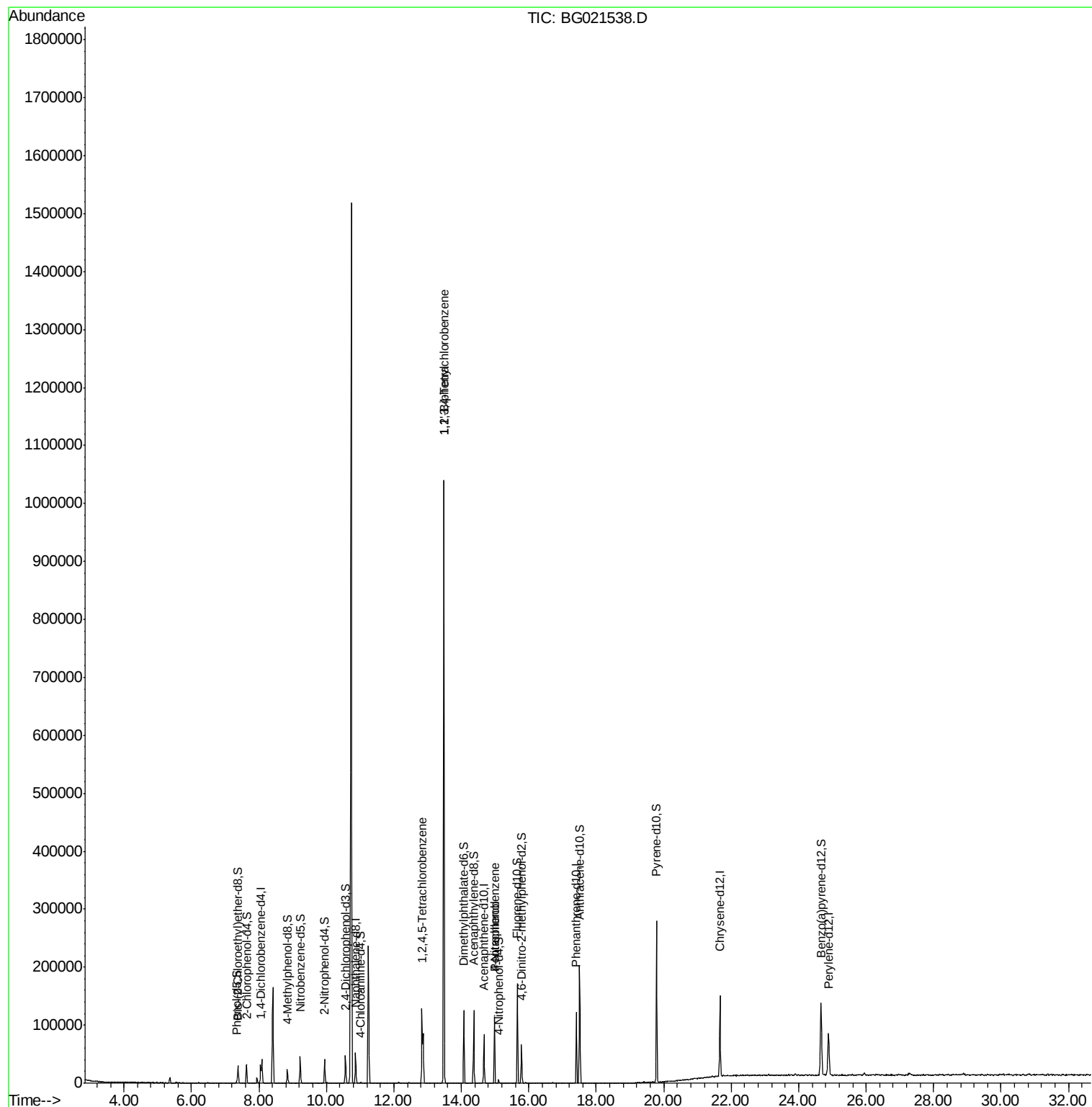
					Qvalue	
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	40742	41.66	ng/ul	96
41) 1,1'-Biphenyl	13.48	154	2540	1.11	ng/ul#	70
53) 4-Nitrophenol	14.99	109	1194	3.10	ng/ul#	1
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	315589	303.94	ng/uL	94
74) Pentachlorobenzene	14.99	250	27930	25.91	ng/uL	96

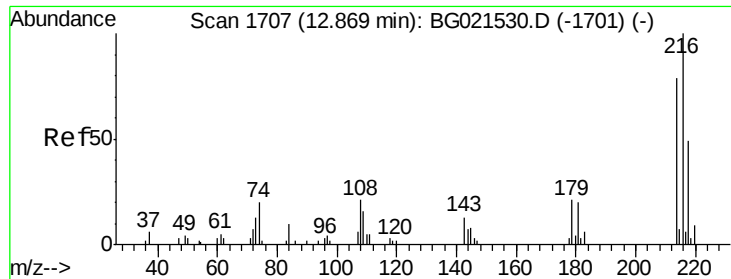
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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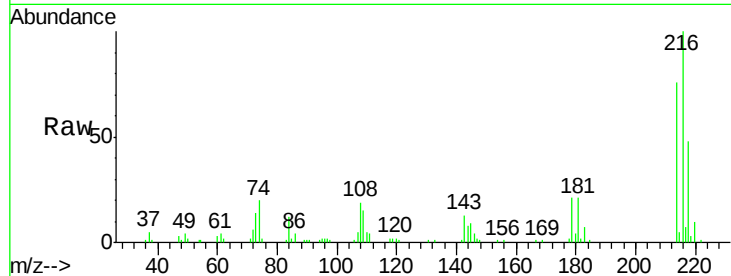




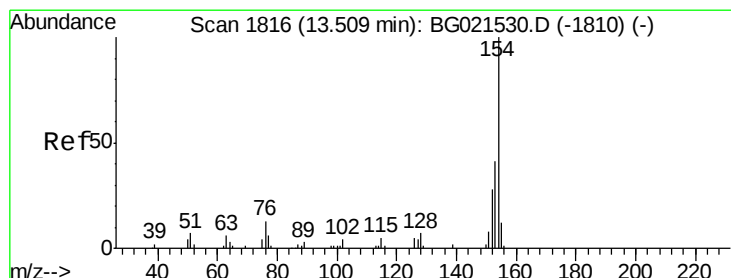
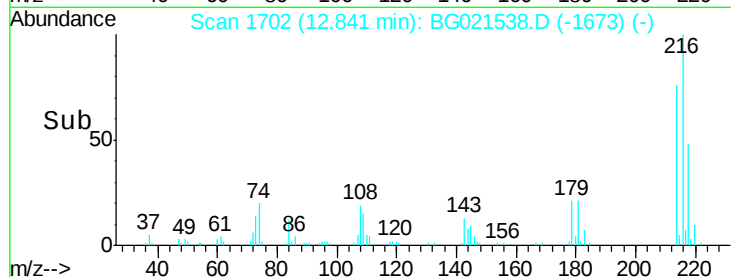
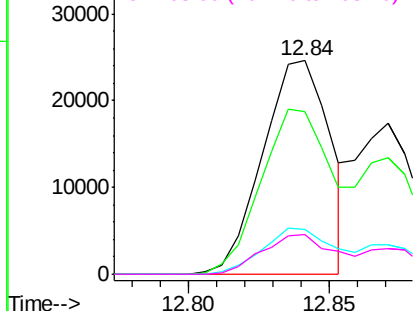
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.66 ng/ul
 RT: 12.84 min Scan# 1702
 Delta R.T. -0.03 min
 Lab File: BG021538.D
 Acq: 28 Mar 2016 22:54

Instrument :
 BNA_G
 ClientSampleId :
 C0AB3

Tgt Ion:	216	Resp:	40742
Ion	Ratio	Lower	Upper
216	100		
214	75.9	57.8	86.8
179	21.3	19.5	29.3
108	18.9	15.8	23.8

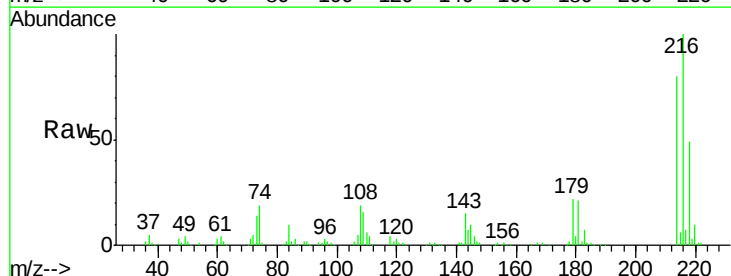


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

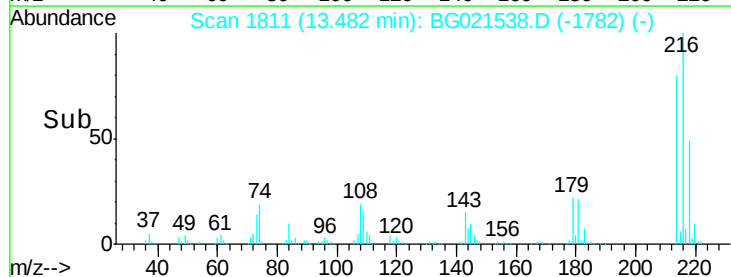
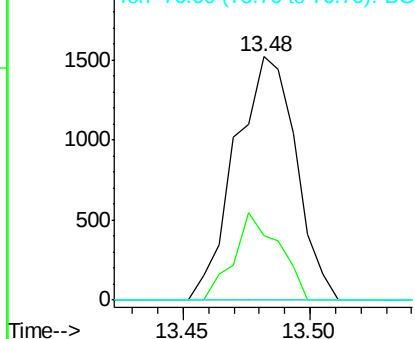


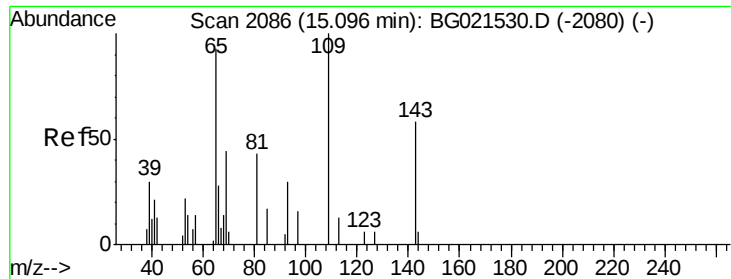
#41
 1,1'-Biphenyl
 Concen: 1.11 ng/ul
 RT: 13.48 min Scan# 1811
 Delta R.T. -0.03 min
 Lab File: BG021538.D
 Acq: 28 Mar 2016 22:54

Tgt Ion:	154	Resp:	2540
Ion	Ratio	Lower	Upper
154	100		
153	26.5	35.4	53.2#
76	0.0	12.1	18.1#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG





#53

4-Nitrophenol

Concen: 3.10 ng/uL

RT: 14.99 min Scan# 2067

Delta R.T. -0.11 min

Lab File: BG021538.D

Acq: 28 Mar 2016 22:54

Instrument :

BNA_G

ClientSampleId :

C0AB3

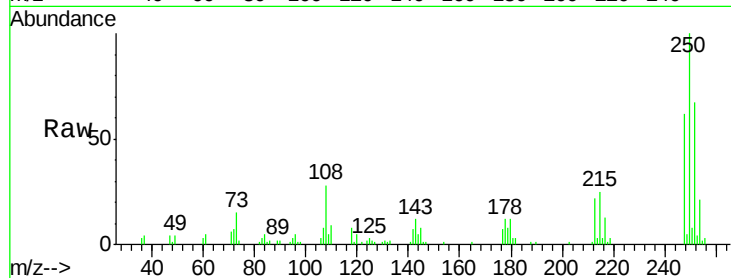
Tgt Ion:109 Resp: 1194

Ion Ratio Lower Upper

109 100

139 0.0 75.9 113.9#

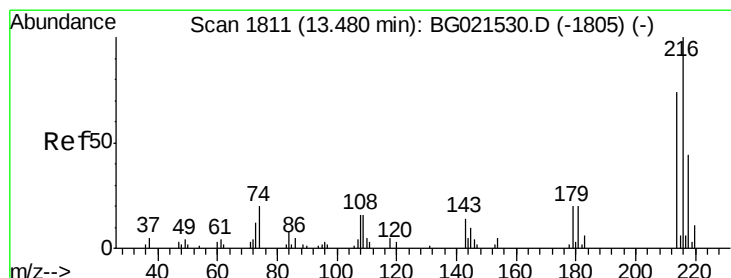
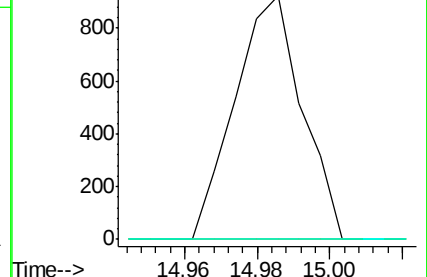
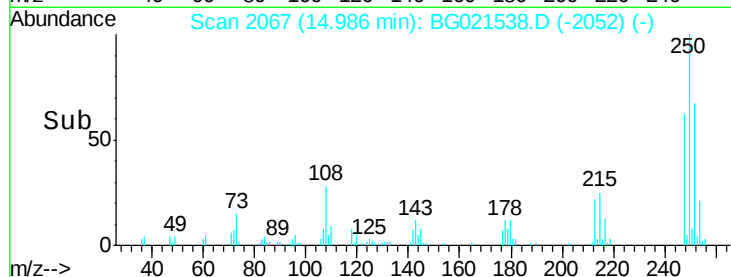
65 0.0 99.8 149.8#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): B



#73

1,2,3,4-Tetrachlorobenzene

Concen: 303.94 ng/uL

RT: 13.48 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BG021538.D

Acq: 28 Mar 2016 22:54

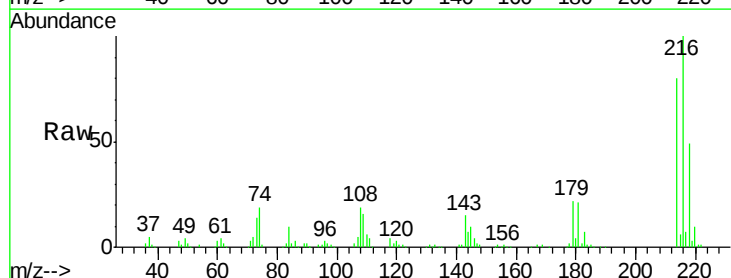
Tgt Ion:216 Resp: 315589

Ion Ratio Lower Upper

216 100

214 79.7 69.2 103.8

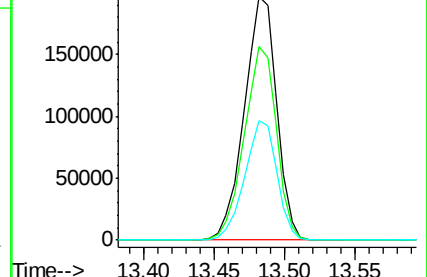
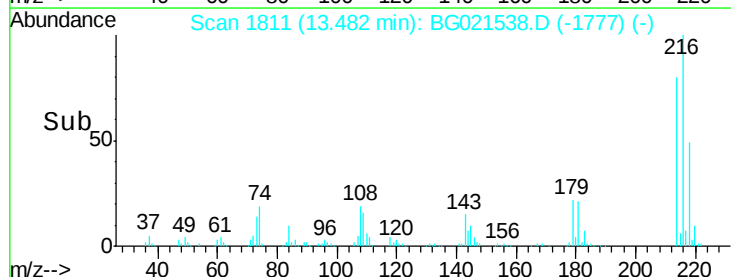
218 49.0 41.4 62.0

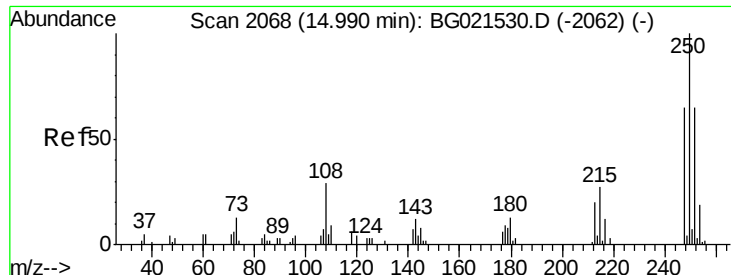


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 25.91 ng/uL

RT: 14.99 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BG021538.D

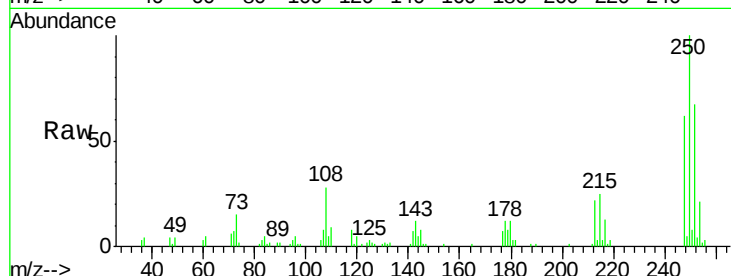
Acq: 28 Mar 2016 22:54

Instrument :

BNA_G

ClientSampleId :

C0AB3



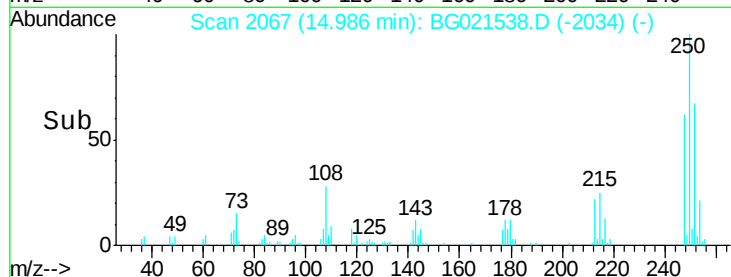
Tgt Ion:250 Resp: 27930

Ion Ratio Lower Upper

250 100

248 62.6 53.3 79.9

252 65.8 51.1 76.7



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

