

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021017\
 Data File : BG025833.D
 Acq On : 10 Feb 2017 18:51
 Operator : SJ/MA
 Sample : I1780-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB6

Quant Time: Feb 10 23:07:39 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021017MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 10 22:04:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	88021	20.00	ng/ul	0.04
18) Naphthalene-d8	10.91	136	439713	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.69	164	292561	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	616356	20.00	ng/ul	0.00
77) Chrysene-d12	21.67	240	635817	20.00	ng/ul	0.00
85) Perylene-d12	24.88	264	614546	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	10144	5.15	ng/uL	0.00
5) Phenol-d5	7.24	99	43303	5.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	165571	32.71	ng/ul	0.02
9) 2-Chlorophenol-d4	7.63	132	159038	25.43	ng/ul	0.01
13) 4-Methylphenol-d8	8.78	113	89336	13.02	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	104713	37.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	113807	37.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	184930	28.38	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	3161	0.38	ng/ul	0.01
43) Dimethylphthalate-d6	14.10	166	712999	33.25	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	857288	34.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	22959	5.60	ng/ul	0.00
57) Fluorene-d10	15.68	176	636823	33.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	99312	31.58	ng/ul	0.00
70) Anthracene-d10	17.52	188	985168	35.23	ng/ul	0.00
78) Pyrene-d10	19.79	212	1111068	36.64	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.67	264	995891	36.48	ng/ul	0.00

Target Compounds

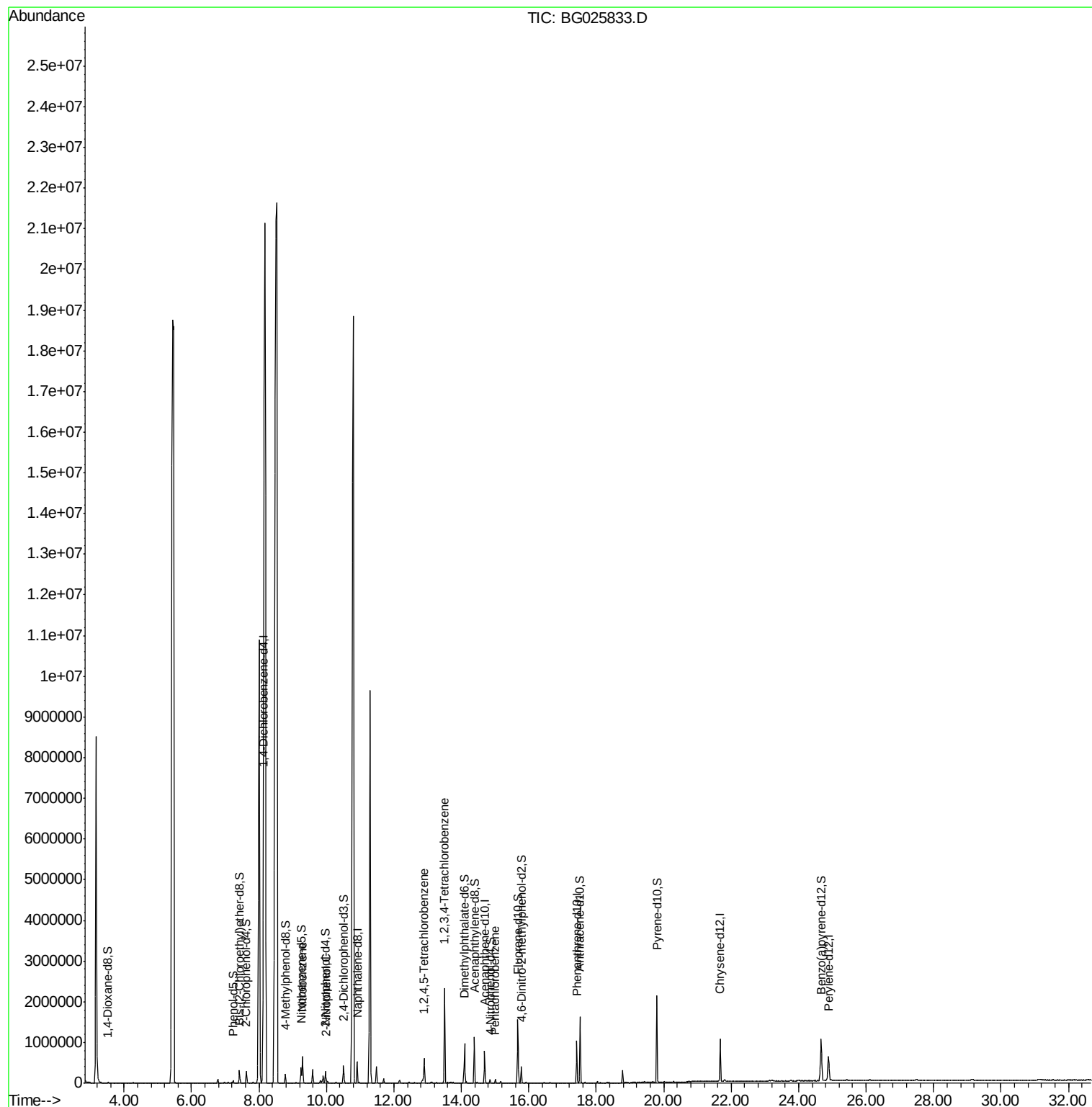
						Qvalue
20) Nitrobenzene	9.29	77	384600	57.67	ng/ul	97
23) 2-Nitrophenol	10.00	139	12500	3.79	ng/ul#	92
36) 1,2,4,5-Tetrachlorobenzene	12.90	216	246119	34.49	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.50	216	743403	110.26	ng/uL	98
73) Pentachlorobenzene	15.01	250	24124	3.41	ng/uL	97

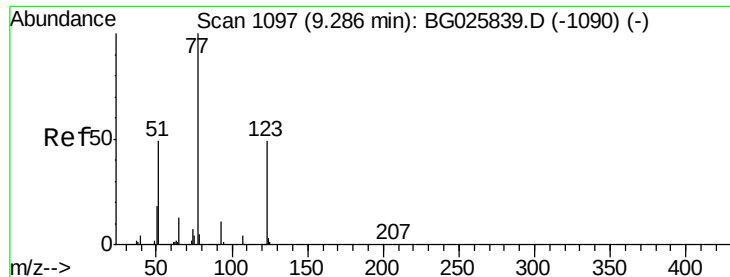
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

Nitrobenzene

Concen: 57.67 ng/ul

RT: 9.29 min Scan# 1098

Delta R.T. 0.01 min

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Acq: 10 Feb 2017 18:51

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BNA_G

ClientSampleId :

C0AB6

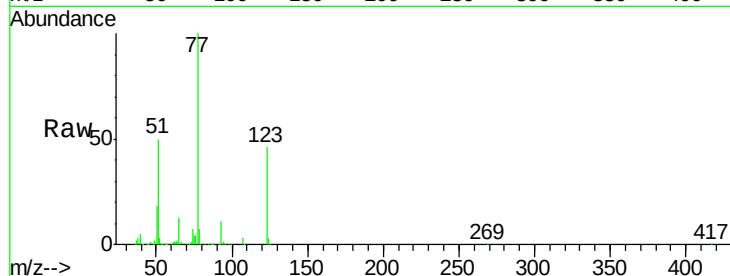
Tgt Ion: 77 Resp: 384600

Ion Ratio Lower Upper

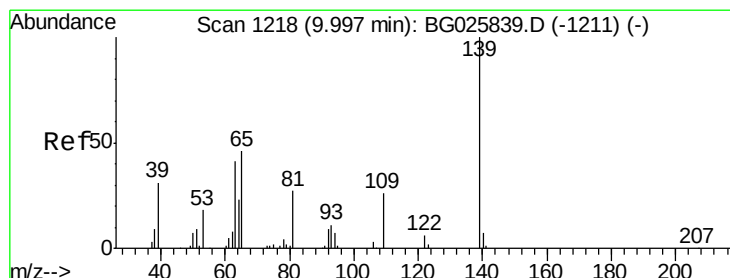
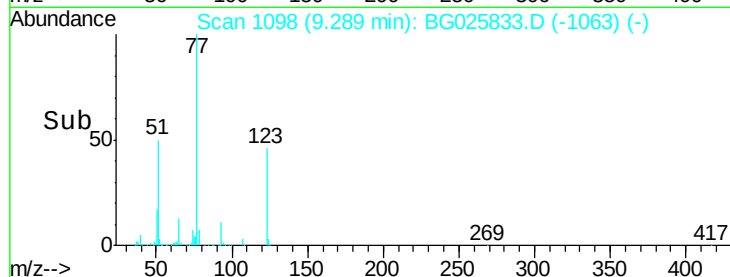
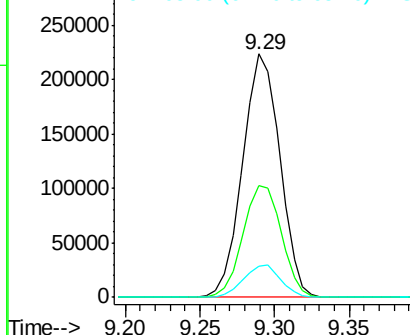
77 100

123 46.0 39.0 58.4

65 13.0 10.4 15.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#23

2-Nitrophenol

Concen: 3.79 ng/ul

RT: 10.00 min Scan# 1219

Delta R.T. 0.01 min

Lab File: BG025833.D

Acq: 10 Feb 2017 18:51

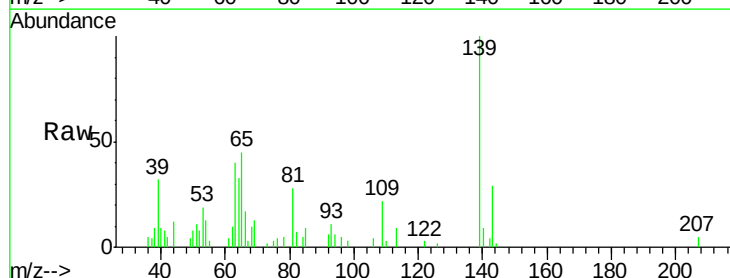
Tgt Ion: 139 Resp: 12500

Ion Ratio Lower Upper

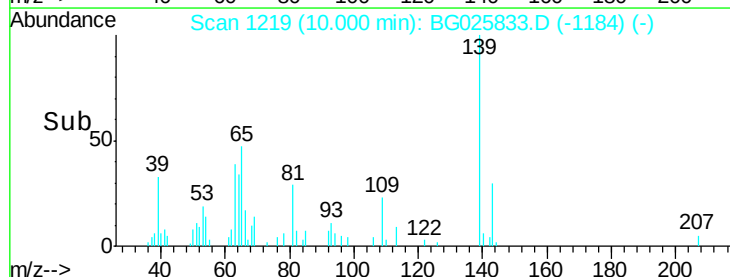
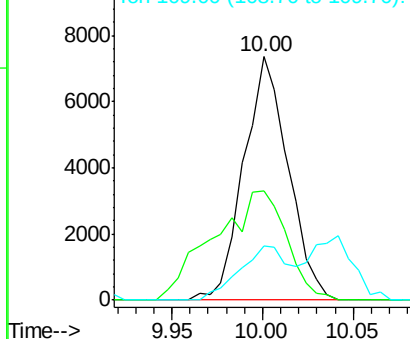
139 100

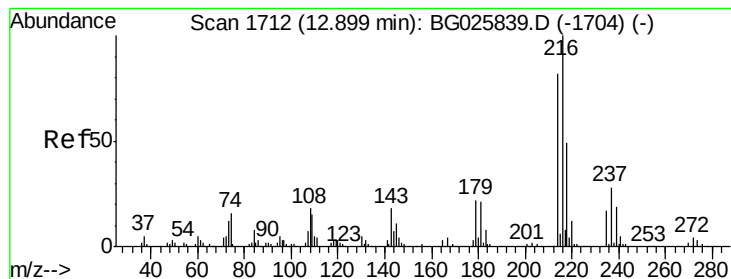
65 45.1 36.3 54.5

109 22.4 26.4 39.6#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 109.00 (108.70 to 109.70): BGC





#36

1,2,4,5-Tetrachlorobenzene

Concen: 34.49 ng/uL

RT: 12.90 min Scan# 1713

Delta R.T. 0.01 min

Lab File: BG025833.D

Acq: 10 Feb 2017 18:51

Instrument :

BNA_G

ClientSampleId :

C0AB6

Tgt Ion:216 Resp: 246119

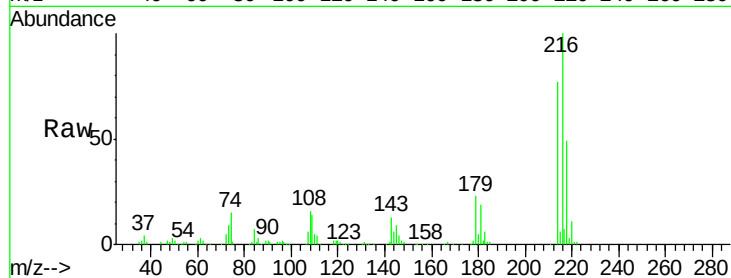
Ion Ratio Lower Upper

216 100

214 76.9 62.5 93.7

179 22.7 18.2 27.2

108 15.8 14.2 21.2

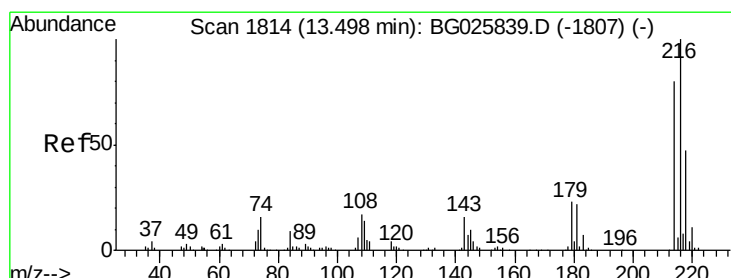
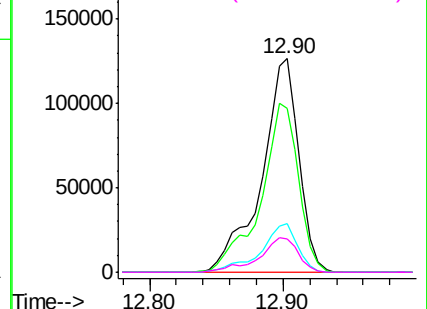
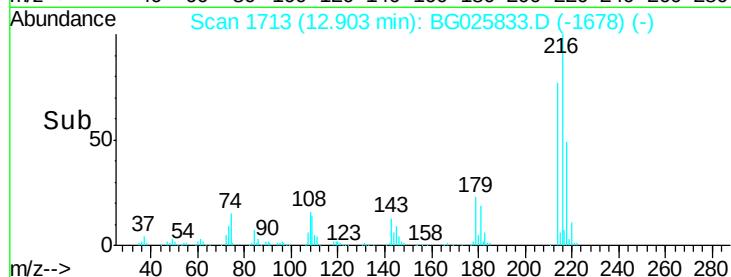


Abundance Ion 216.00 (215.70 to 216.70): E

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



#72

1,2,3,4-Tetrachlorobenzene

Concen: 110.26 ng/uL

RT: 13.50 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BG025833.D

Acq: 10 Feb 2017 18:51

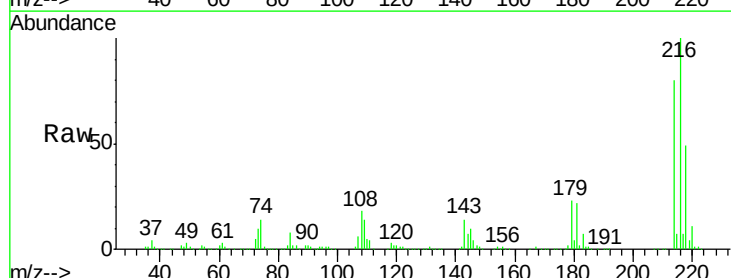
Tgt Ion:216 Resp: 743403

Ion Ratio Lower Upper

216 100

214 80.1 62.5 93.7

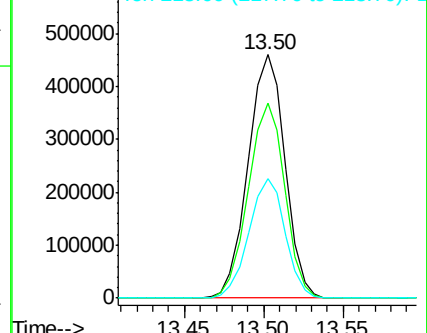
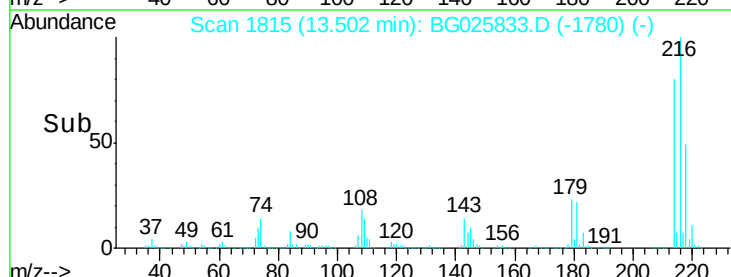
218 49.2 38.4 57.6

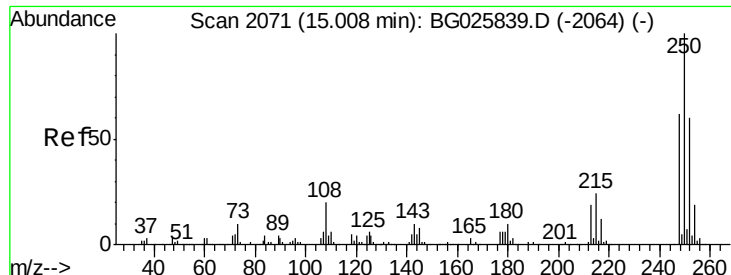


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

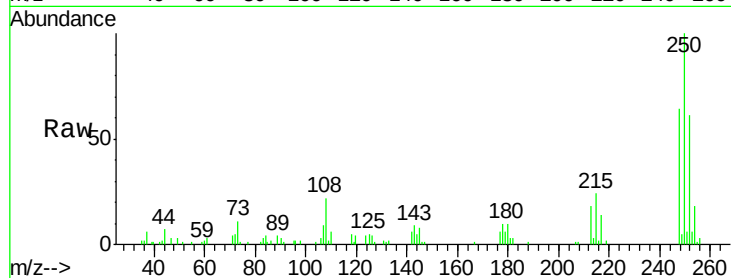




#73
 Pentachlorobenzene
 Concen: 3.41 ng/uL
 RT: 15.01 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: BG025833.D
 Acq: 10 Feb 2017 18:51

Instrument :
 BNA_G
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Tgt Ion	Ratio	Lower	Upper
250	100		
248	64.1	50.6	75.8
252	60.6	51.4	77.0



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

