

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
 Data File : BG020699.D
 Acq On : 13 Jan 2016 9:46
 Operator : SJ/IZ
 Sample : H1094-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC960

Manual Integrations
 APPROVED

MMdadoda
 1/13/2016 3:31:22 PM

Quant Time: Jan 13 11:47:06 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 07:56:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	12820	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	58976	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	44643	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	115642	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	137881	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	128325	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	836	3.19	ng/uL	0.00
5) Phenol-d5	7.21	99	25070	22.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	15903	24.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	20354	23.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	19015	20.52	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	10994	23.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	12928	23.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	23464	22.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	19686	19.32	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	95062	24.40	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	108848	24.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	6837	13.07	ng/ul	0.00
58) Fluorene-d10	15.67	176	87792	25.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	11985	19.06	ng/ul	0.00
71) Anthracene-d10	17.53	188	141058	24.89	ng/ul	0.00
79) Pyrene-d10	19.82	212	166941	25.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	175220	25.62	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	14.13	163	37489	8.96	ng/ul#	98
70) Phenanthrene	17.47	178	85600	12.44	ng/ul	99
72) Anthracene	17.57	178	12309	1.77	ng/ul	95
75) Carbazole	17.84	167	7732	1.36	ng/ul#	97
77) Fluoranthene	19.48	202	204022	24.39	ng/ul	99
80) Pyrene	19.84	202	230752	26.39	ng/ul	99
83) Benzo(a)anthracene	21.68	228	113600	13.21	ng/ul	98
85) Chrysene	21.75	228	134304	16.51	ng/ul	98
88) Benzo(b)fluoranthene	23.92	252	145911	17.65	ng/ul#	95
89) Benzo(k)fluoranthene	23.99	252	47053m	5.76	ng/ul	
91) Benzo(a)pyrene	24.80	252	113630	14.28	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.68	276	75194	8.01	ng/ul	98
94) Benzo(g,h,i)perylene	29.85	276	75596	9.76	ng/ul	99

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

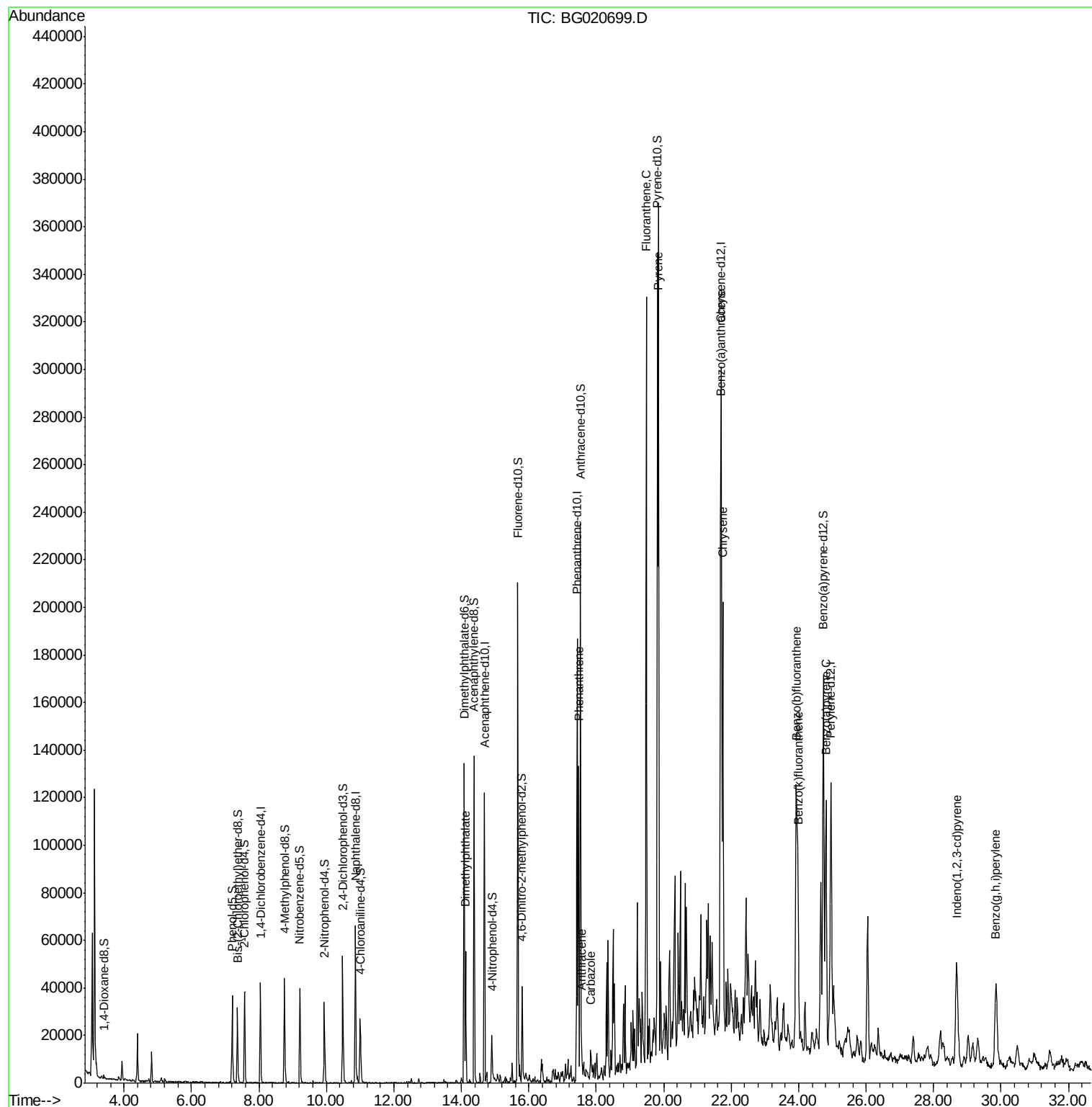
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
Data File : BG020699.D
Acq On : 13 Jan 2016 9:46
Operator : SJ/IZ
Sample : H1094-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

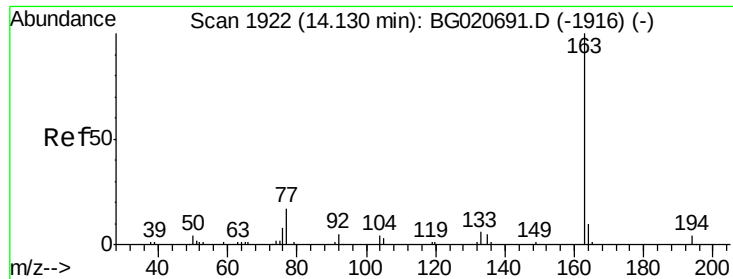
Instrument :
BNA_G
ClientSampled :
BC960

Manual Integrations
APPROVED

MMdadoda
1/13/2016 3:31:22 PM

Quant Time: Jan 13 11:47:06 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 07:56:00 2016
Response via : Initial Calibration





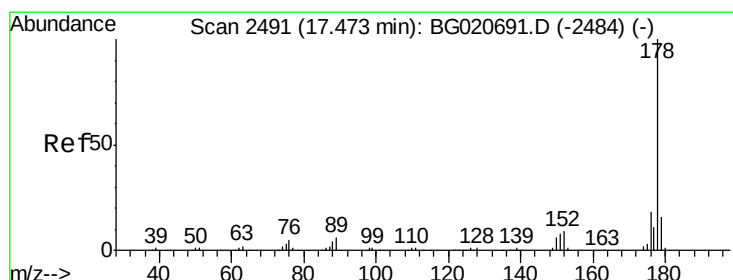
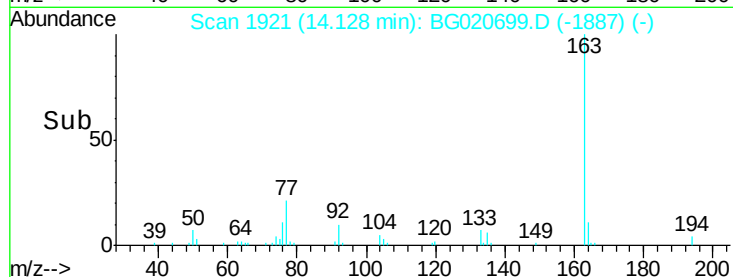
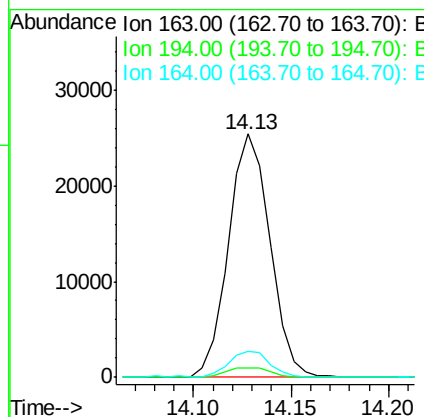
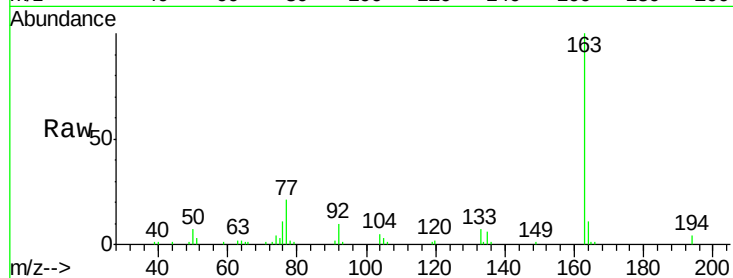
#45
Dimethylphthalate
Concen: 8.96 ng/ul
RT: 14.13 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG020699.D
Acq: 13 Jan 2016 9:46

Instrument :
BNA_G
ClientSampleId :
BC960

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	37489		
194	4.0	4.0	6.0	
164	10.9	8.4	12.6	

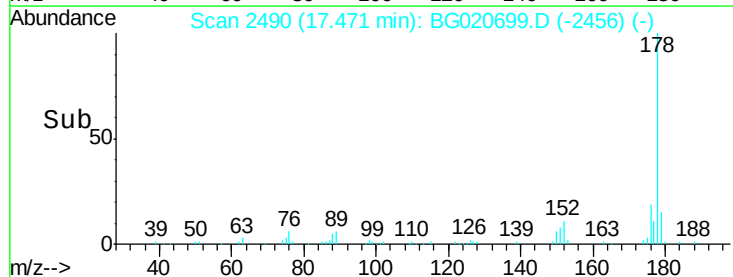
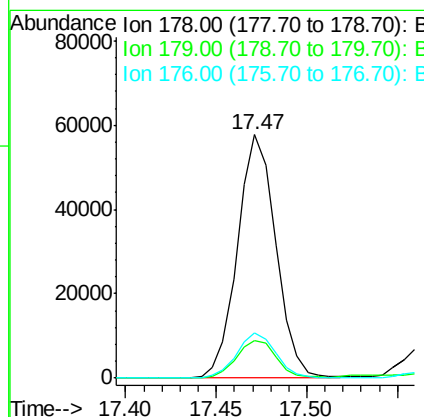
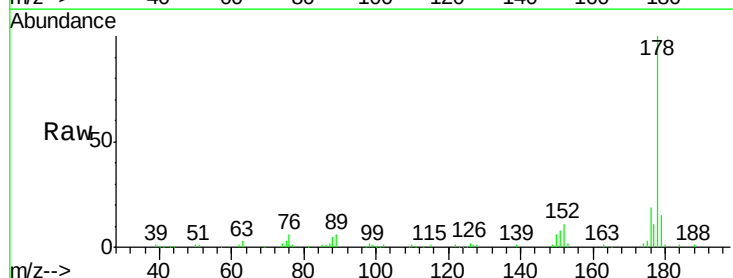
Manual Integrations
APPROVED

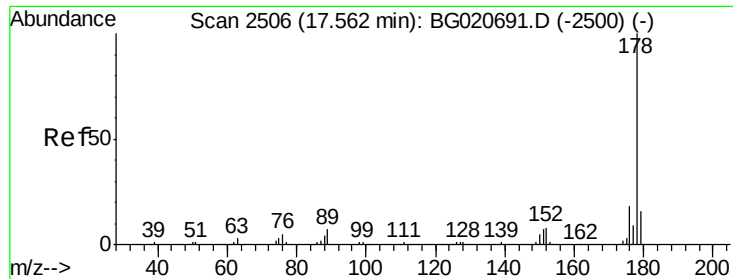
MMdadoda
1/13/2016 3:31:22 PM



#70
Phenanthrene
Concen: 12.44 ng/ul
RT: 17.47 min Scan# 2490
Delta R.T. -0.00 min
Lab File: BG020699.D
Acq: 13 Jan 2016 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	85600		
179	15.3	12.3	18.5	
176	18.7	15.4	23.0	





#72

Anthracene

Concen: 1.77 ng/ul

RT: 17.57 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BG020699.D

Acq: 13 Jan 2016 9:46

Instrument :

BNA_G

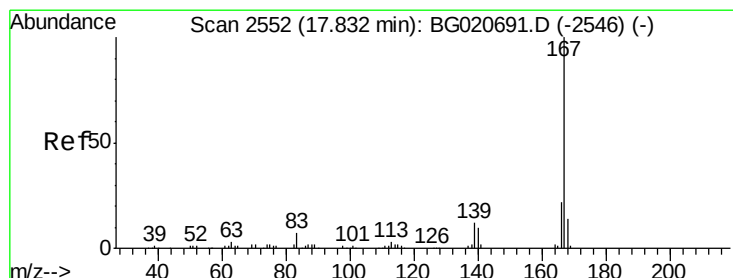
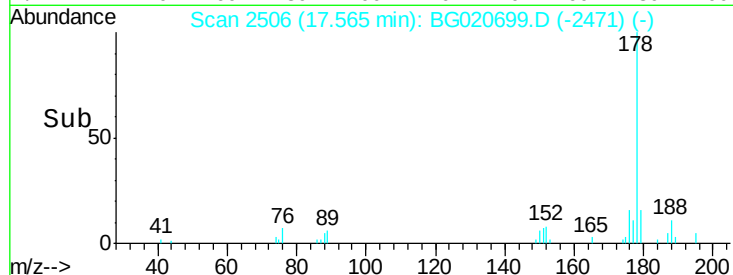
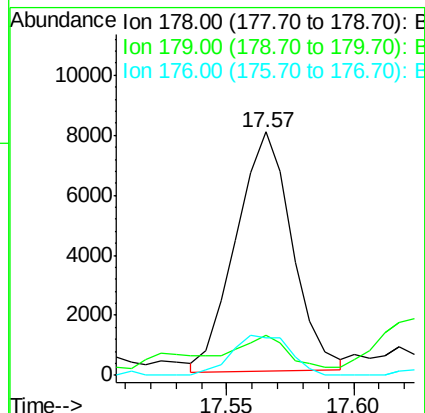
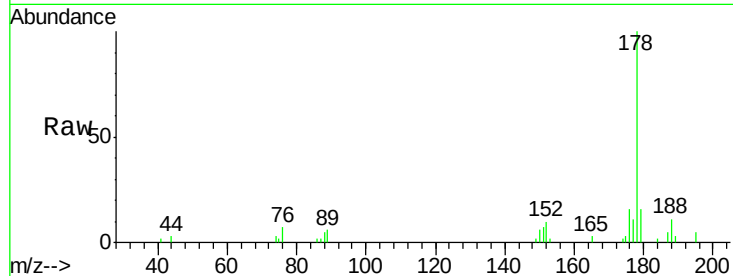
ClientSampled :

BC960

Tgt Ion:	178	Resp:	12309
Ion Ratio	Lower	Upper	
178	100		
179	16.4	13.4	20.2
176	15.5	15.4	23.0

Manual Integrations
APPROVED

MMdadoda
1/13/2016 3:31:22 PM



#75

Carbazole

Concen: 1.36 ng/ul

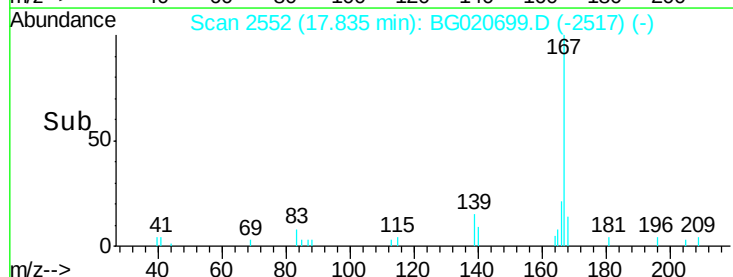
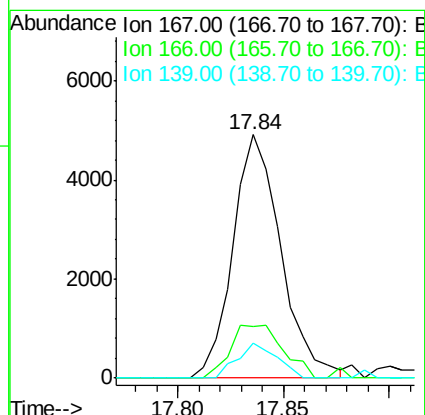
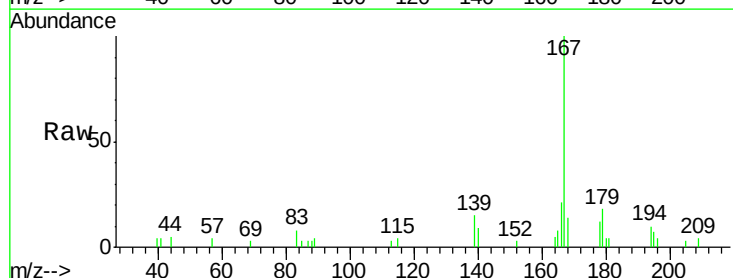
RT: 17.84 min Scan# 2552

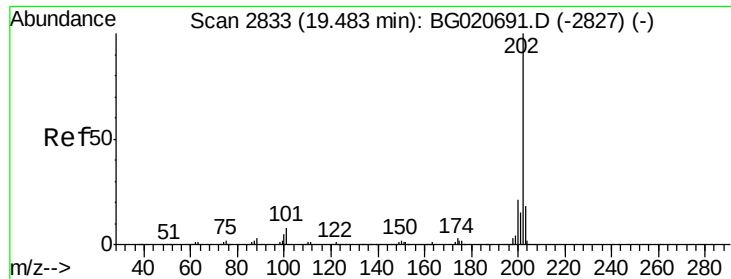
Delta R.T. 0.00 min

Lab File: BG020699.D

Acq: 13 Jan 2016 9:46

Tgt Ion:	167	Resp:	7732
Ion Ratio	Lower	Upper	
167	100		
166	21.0	17.0	25.4
139	14.5	9.1	13.7#





#77

Fluoranthene

Concen: 24.39 ng/ul

RT: 19.48 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG020699.D

Acq: 13 Jan 2016 9:46

Instrument :

BNA_G

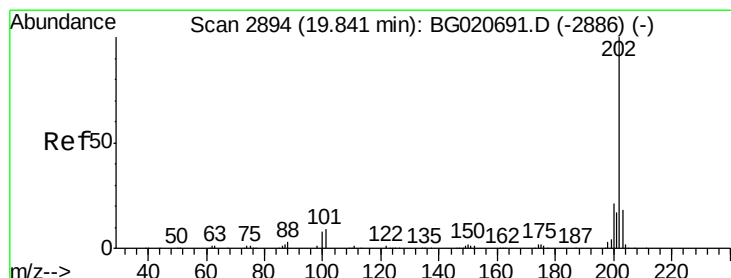
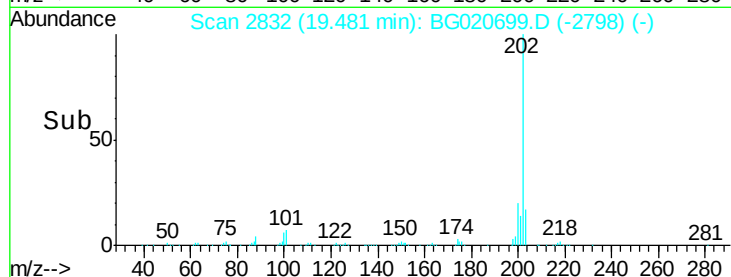
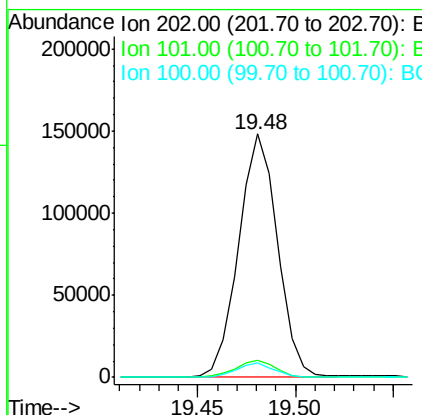
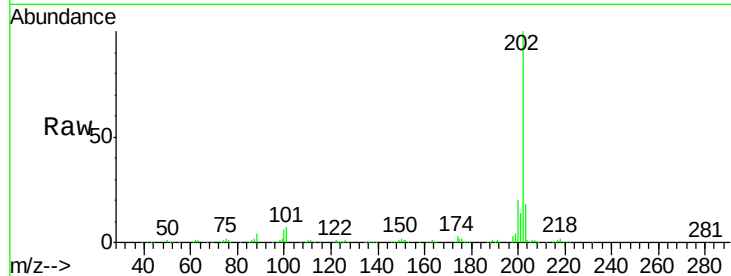
ClientSampleId :

BC960

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		204022		
101	7.2	6.1	9.1		
100	6.2	4.6	7.0		

Manual Integrations
APPROVED

MMdadoda
1/13/2016 3:31:22 PM



#80

Pyrene

Concen: 26.39 ng/ul

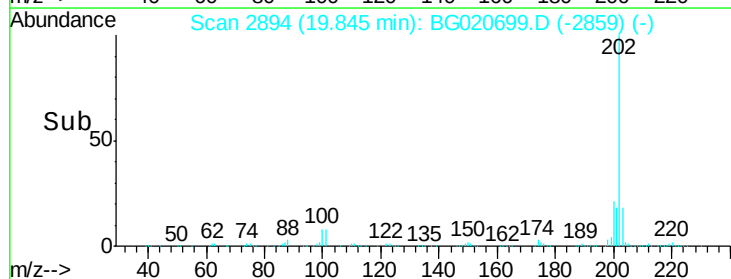
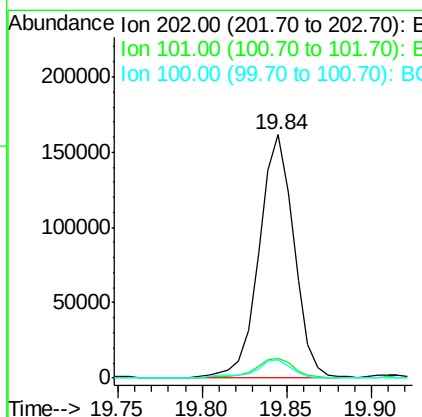
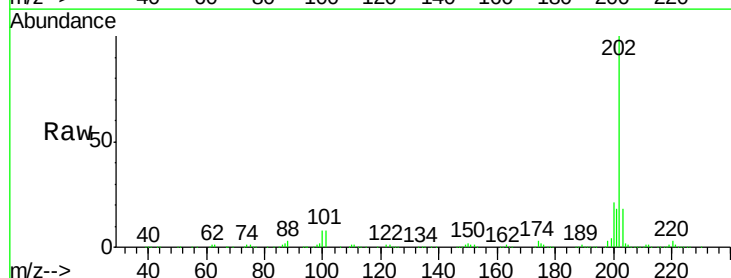
RT: 19.84 min Scan# 2894

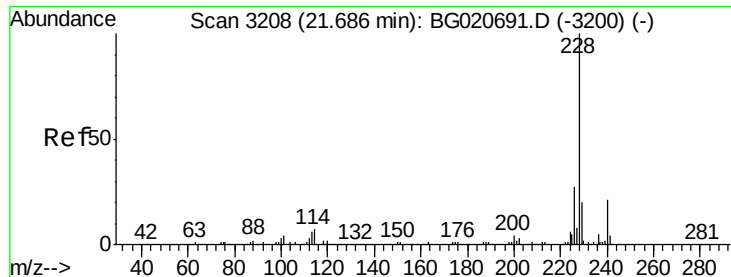
Delta R.T. 0.00 min

Lab File: BG020699.D

Acq: 13 Jan 2016 9:46

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		230752		
101	8.2	6.9	10.3		
100	7.6	5.6	8.4		





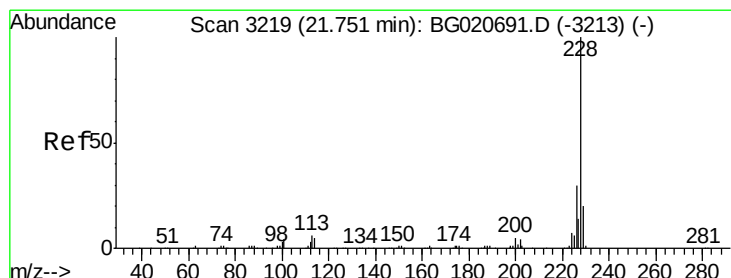
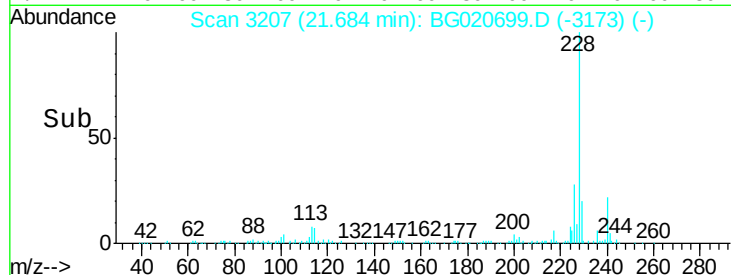
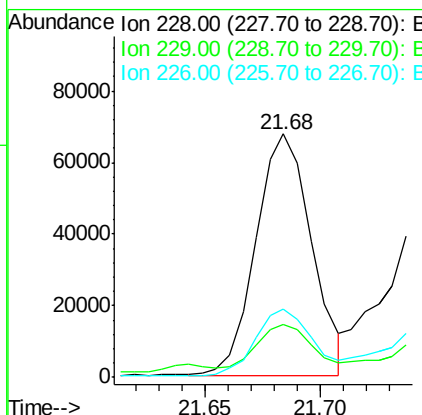
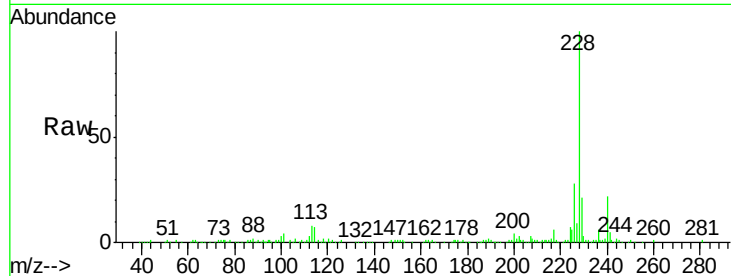
#83
Benzo(a)anthracene
Concen: 13.21 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BG020699.D
Acq: 13 Jan 2016 9:46

Instrument :
BNA_G
ClientSampleId :
BC960

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	113600		
229	21.5	16.0	24.0	
226	28.0	21.8	32.8	

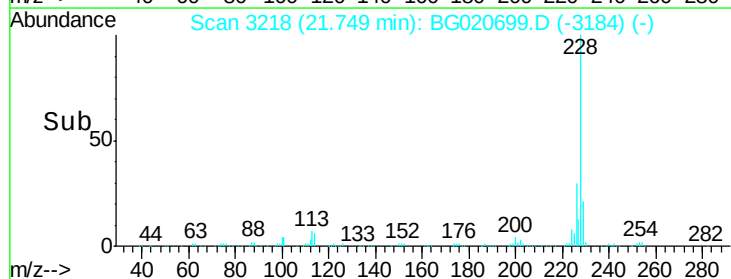
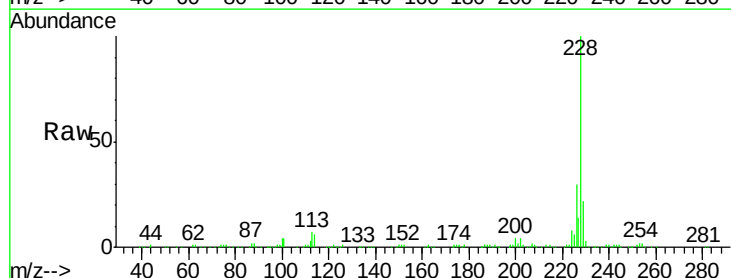
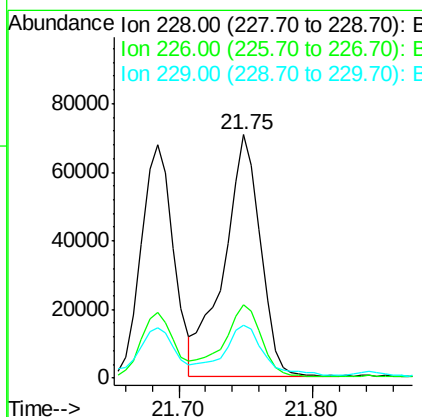
Manual Integrations
APPROVED

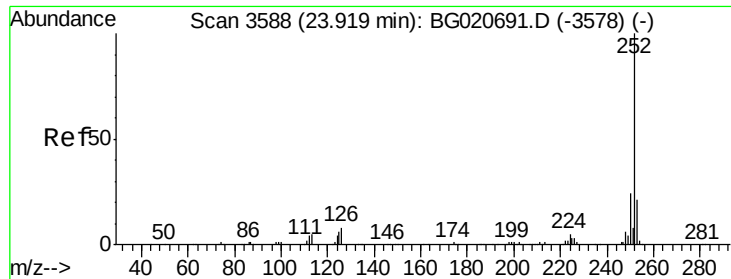
MMdadoda
1/13/2016 3:31:22 PM



#85
Chrysene
Concen: 16.51 ng/ul
RT: 21.75 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BG020699.D
Acq: 13 Jan 2016 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	134304		
226	30.2	24.1	36.1	
229	22.0	16.0	24.0	





#88

Benzo(b)fluoranthene

Concen: 17.65 ng/ul

RT: 23.92 min Scan# 3588

Delta R.T. 0.00 min

Lab File: BG020699.D

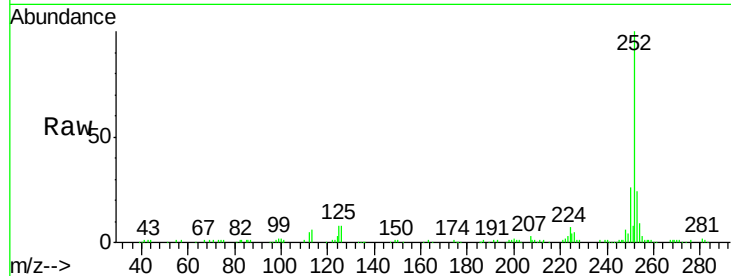
Acq: 13 Jan 2016 9:46

Instrument :

BNA_G

ClientSampled :

BC960



Tgt Ion: 252 Resp: 145911

Ion Ratio Lower Upper

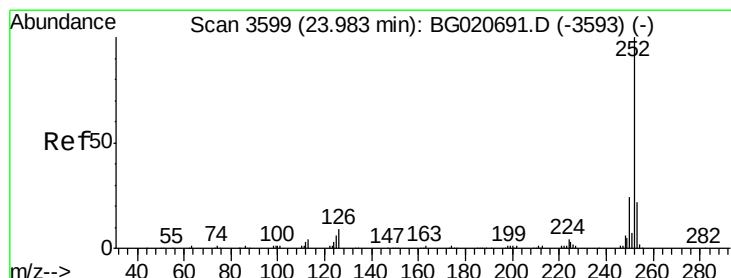
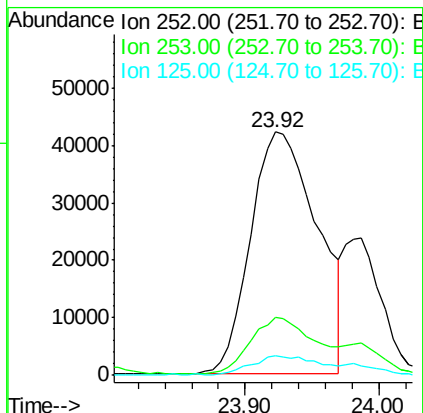
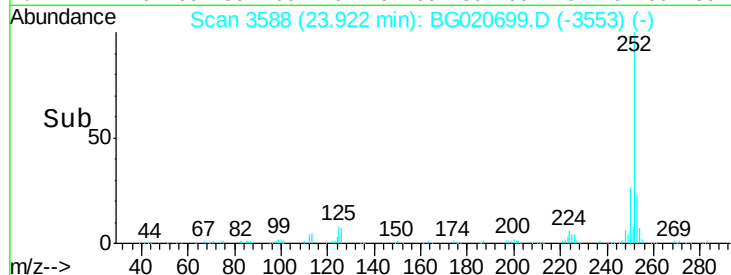
252 100

253 23.6 17.4 26.0

125 8.2 4.9 7.3#

Manual Integrations
APPROVED

MMdadoda
1/13/2016 3:31:22 PM



#89

Benzo(k)fluoranthene

Concen: 5.76 ng/ul m

RT: 23.99 min Scan# 3599

Delta R.T. 0.00 min

Lab File: BG020699.D

Acq: 13 Jan 2016 9:46

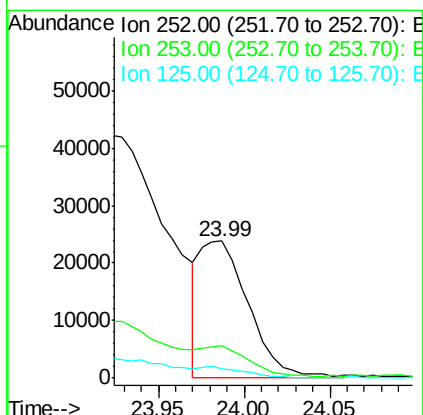
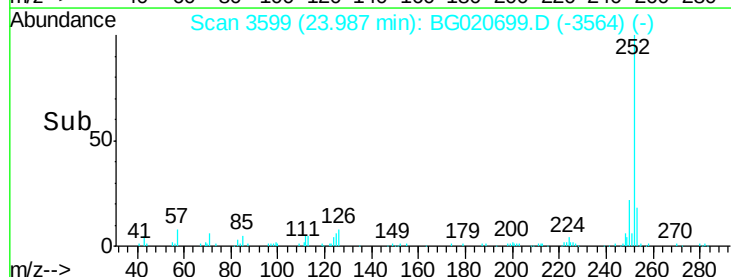
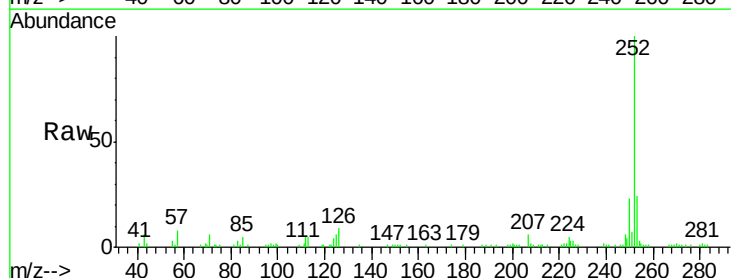
Tgt Ion: 252 Resp: 47053

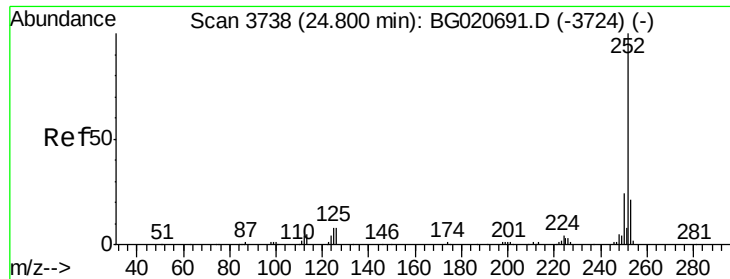
Ion Ratio Lower Upper

252 100

253 23.7 17.1 25.7

125 6.4 5.4 8.0





#91

Benzo(a)pyrene

Concen: 14.28 ng/ul

RT: 24.80 min Scan# 3738

Delta R.T. 0.00 min

Lab File: BG020699.D

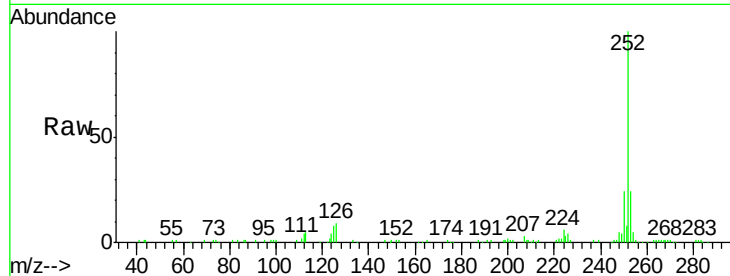
Acq: 13 Jan 2016 9:46

Instrument :

BNA_G

ClientSampled :

BC960



Tgt Ion: 252 Resp: 113630

Ion Ratio Lower Upper

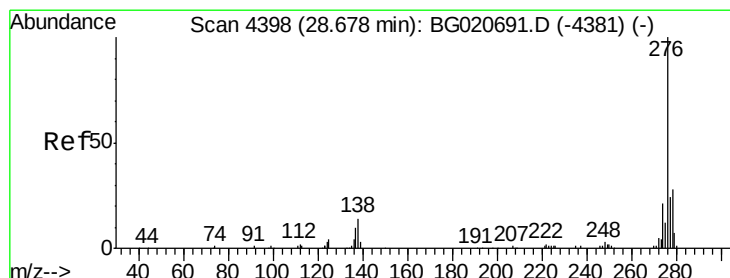
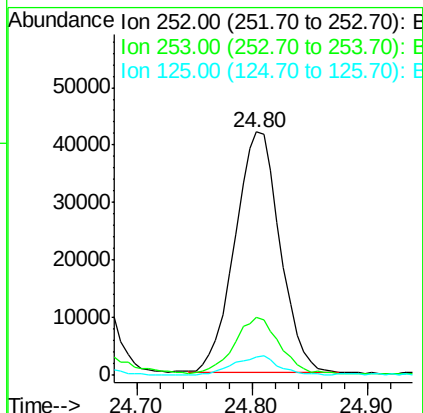
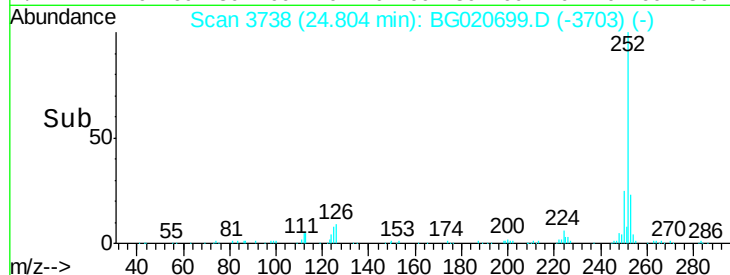
252 100

253 23.7 17.2 25.8

125 7.5 5.8 8.6

Manual Integrations
APPROVED

MMdadoda
1/13/2016 3:31:22 PM



#92

Indeno(1,2,3-cd)pyrene

Concen: 8.01 ng/ul

RT: 28.68 min Scan# 4398

Delta R.T. 0.00 min

Lab File: BG020699.D

Acq: 13 Jan 2016 9:46

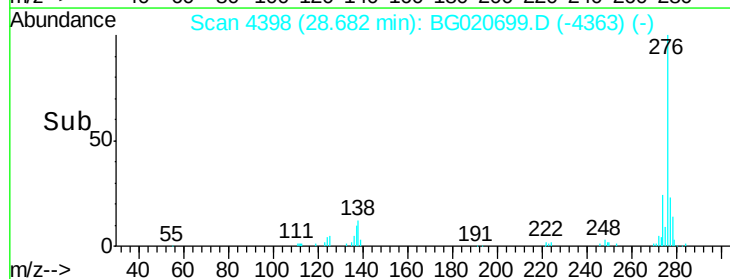
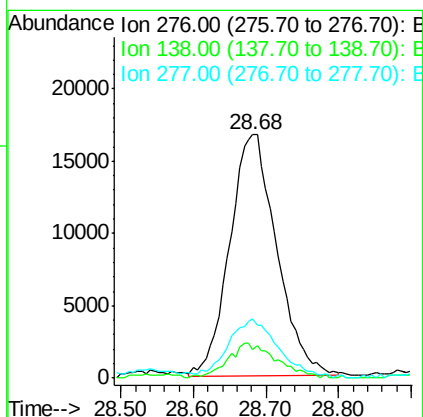
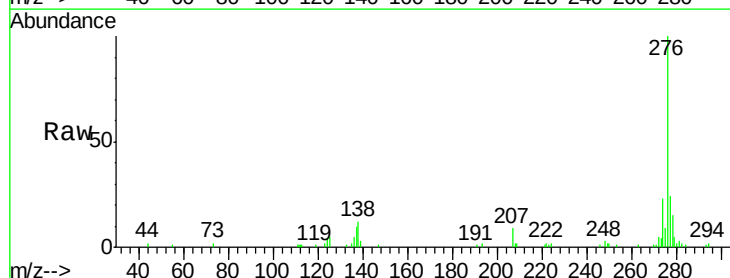
Tgt Ion: 276 Resp: 75194

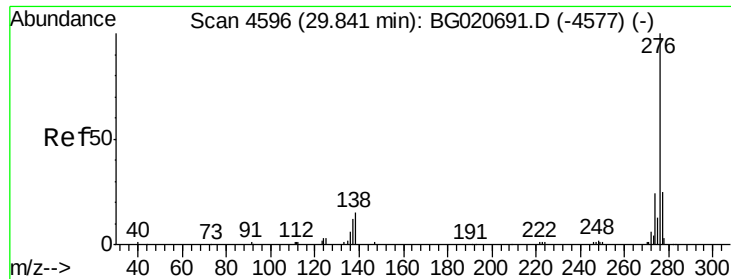
Ion Ratio Lower Upper

276 100

138 11.8 10.9 16.3

277 24.1 18.9 28.3





#94

Benzo(g,h,i)perylene

Concen: 9.76 ng/ul

RT: 29.85 min Scan# 4597

Delta R.T. 0.01 min

Lab File: BG020699.D

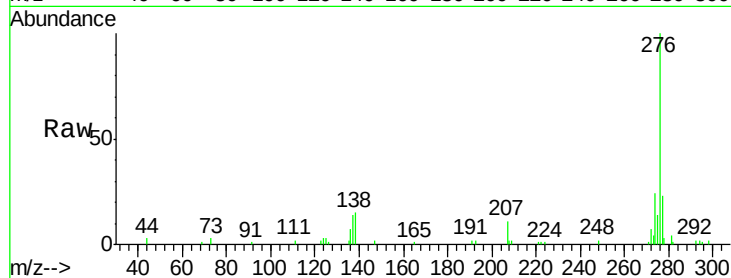
Acq: 13 Jan 2016 9:46

Instrument :

BNA_G

ClientSampleId :

BC960



Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.6	11.2	16.8
277	23.4	19.0	28.6

Manual Integrations
APPROVED

MMdadoda
1/13/2016 3:31:22 PM

