

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
 Data File : BG021323.D
 Acq On : 6 Mar 2016 3:05
 Operator : UM/SJ
 Sample : H1650-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MS-SS-B140

Quant Time: Mar 07 04:52:59 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 07 04:51:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	11805	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	57439	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	33203	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	76399	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	82180	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	77720	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	691	2.38	ng/uL	0.00
5) Phenol-d5	7.27	99	18631	14.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	13221	15.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	13476	15.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	14190	14.37	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	6938	14.91	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	7418	14.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	12836	14.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	4456	3.96	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	43755	15.73	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	57307	16.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	5903	10.88	ng/ul	0.00
58) Fluorene-d10	15.72	176	41029	16.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	6444	11.75	ng/ul	0.00
71) Anthracene-d10	17.57	188	63060	16.60	ng/ul	0.00
79) Pyrene-d10	19.84	212	71384	17.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	67173	16.01	ng/ul	0.00

Target Compounds

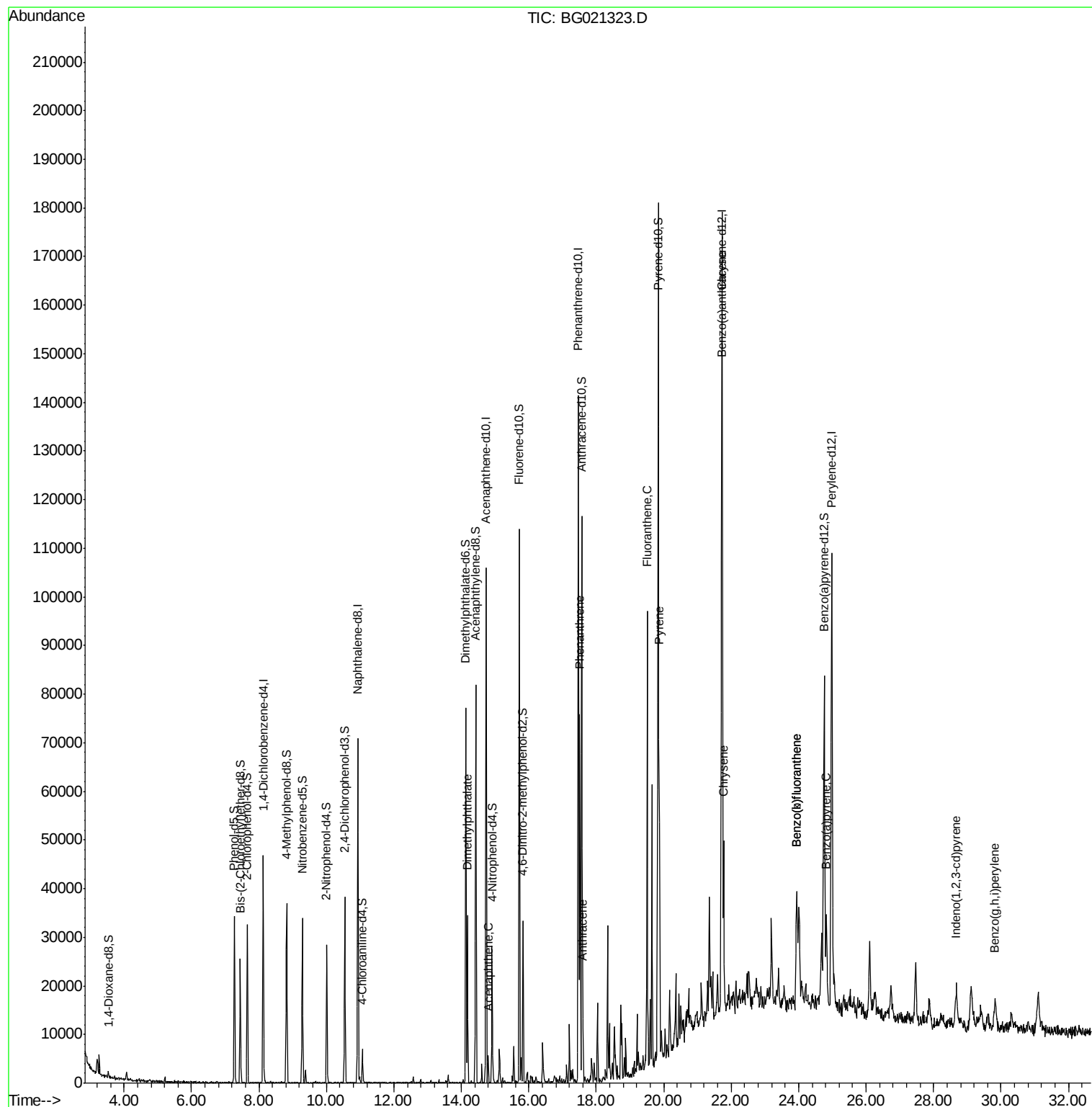
						Qvalue
45) Dimethylphthalate	14.18	163	19717	6.59	ng/ul#	98
50) Acenaphthene	14.80	153	2686	1.09	ng/ul	92
70) Phenanthrene	17.51	178	42900	9.33	ng/ul	98
72) Anthracene	17.60	178	9883	2.13	ng/ul	98
77) Fluoranthene	19.51	202	52527	9.77	ng/ul	99
80) Pyrene	19.87	202	42646	7.74	ng/ul#	97
83) Benzo(a)anthracene	21.71	228	25680	4.82	ng/ul	99
85) Chrysene	21.78	228	22773	4.58	ng/ul	97
88) Benzo(b)fluoranthene	23.94	252	25283	4.70	ng/ul	97
89) Benzo(k)fluoranthene	23.94	252	25283	4.87	ng/ul	97
91) Benzo(a)pyrene	24.82	252	19296	3.71	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	28.67	276	8134	1.44	ng/ul	94
94) Benzo(g,h,i)perylene	29.82	276	11330	2.40	ng/ul	98

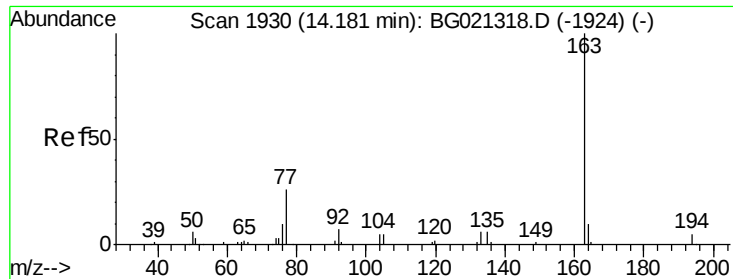
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
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Instrument :
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Quant Time: Mar 07 04:52:59 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 07 04:51:57 2016
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 6.59 ng/ul

RT: 14.18 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BG021323.D

Acq: 6 Mar 2016 3:05

Instrument :

BNA_G

ClientSampleId :

MS-SS-B140

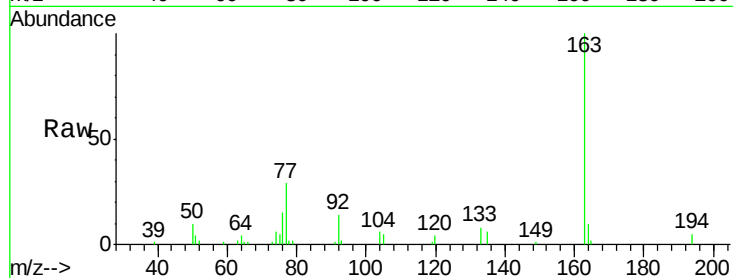
Tgt Ion:163 Resp: 19717

Ion Ratio Lower Upper

163 100

194 4.9 2.8 4.2#

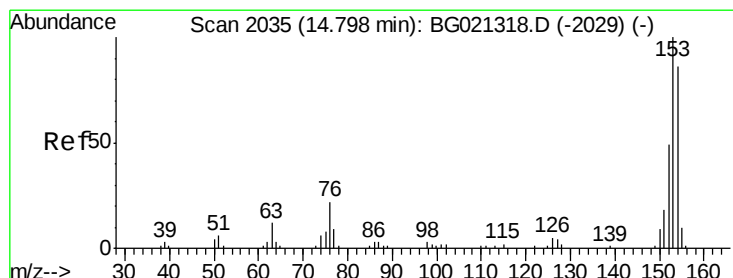
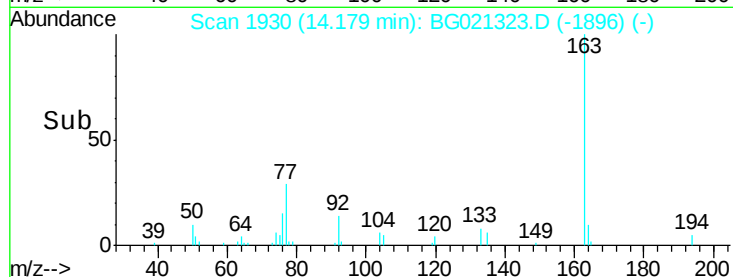
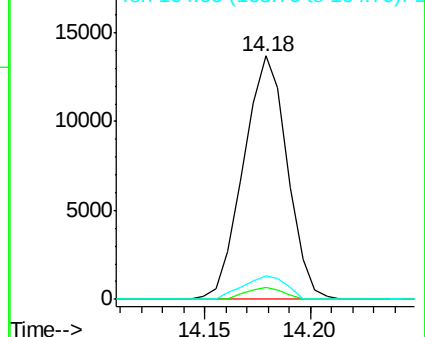
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

Acenaphthene

Concen: 1.09 ng/ul

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG021323.D

Acq: 6 Mar 2016 3:05

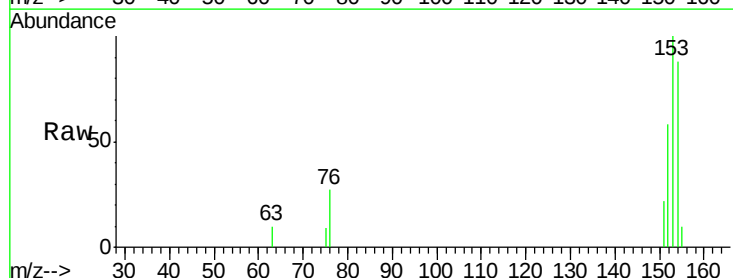
Tgt Ion:153 Resp: 2686

Ion Ratio Lower Upper

153 100

152 57.8 39.0 58.6

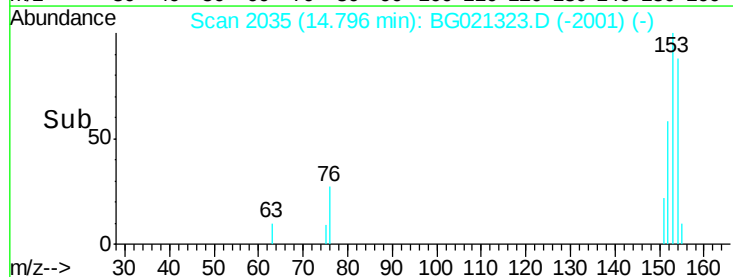
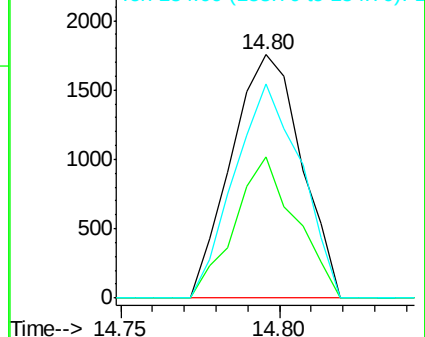
154 87.8 66.8 100.2

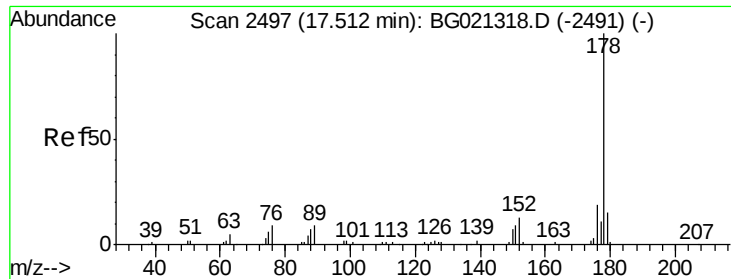


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#70

Phenanthrene

Concen: 9.33 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BG021323.D

Acq: 6 Mar 2016 3:05

Instrument :

BNA_G

ClientSampleId :

MS-SS-B140

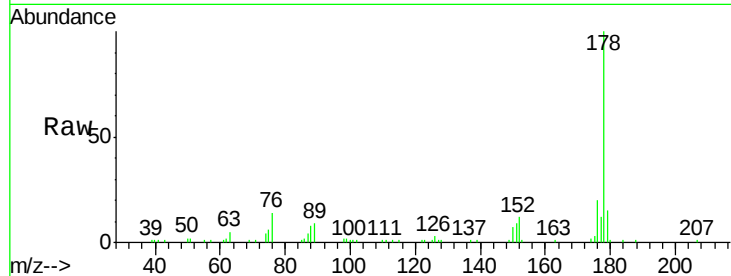
Tgt Ion:178 Resp: 42900

Ion Ratio Lower Upper

178 100

179 14.6 12.3 18.5

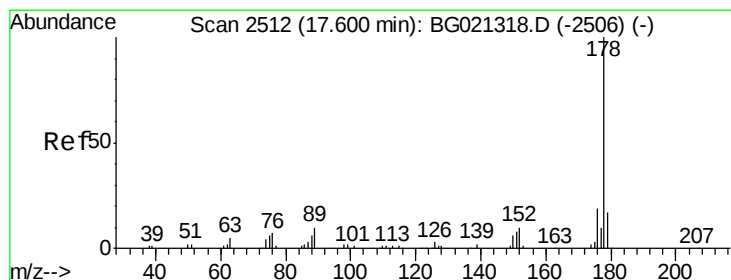
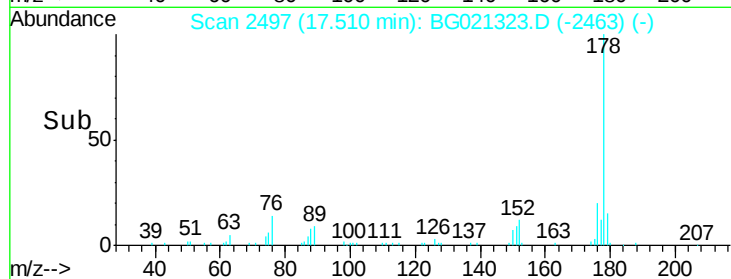
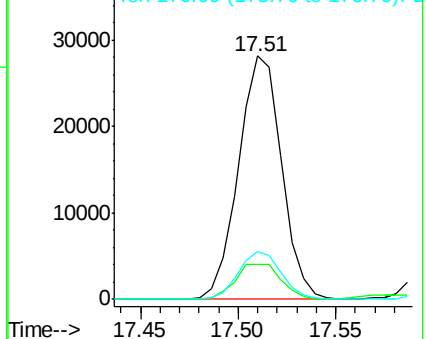
176 19.8 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 2.13 ng/ul

RT: 17.60 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BG021323.D

Acq: 6 Mar 2016 3:05

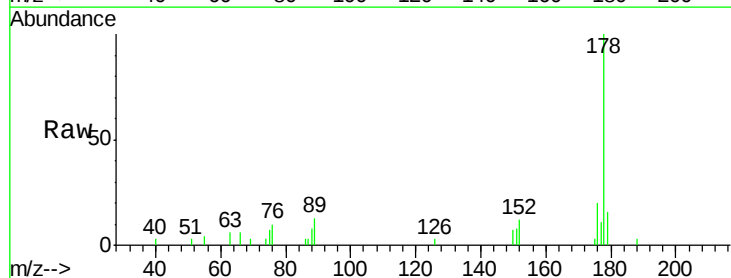
Tgt Ion:178 Resp: 9883

Ion Ratio Lower Upper

178 100

179 15.7 11.8 17.8

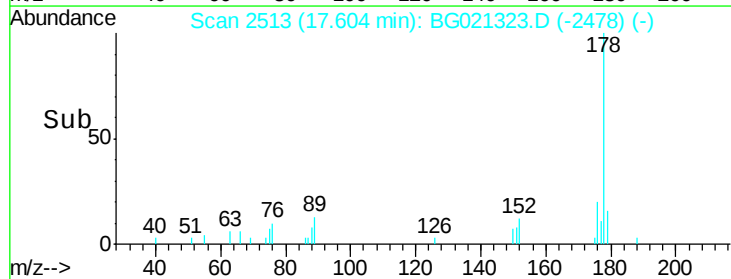
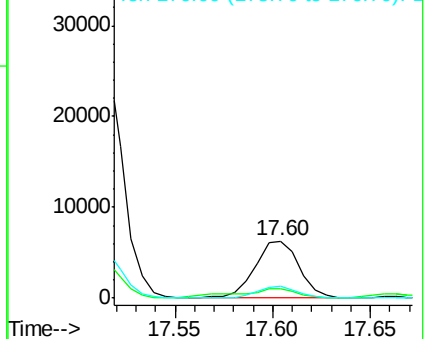
176 20.1 15.2 22.8

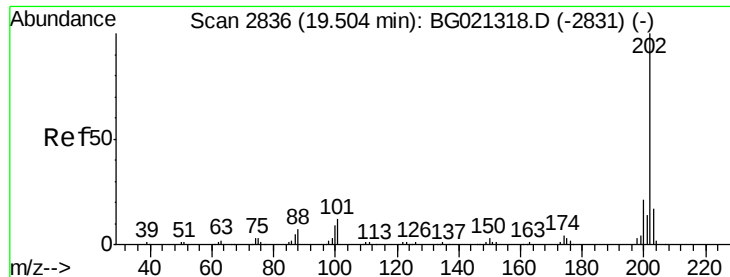


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

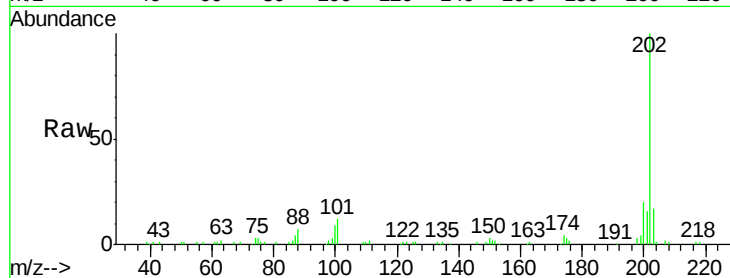




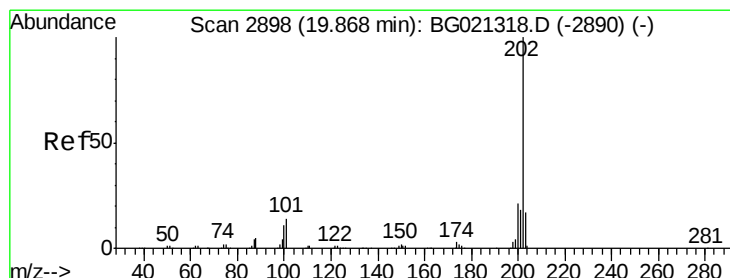
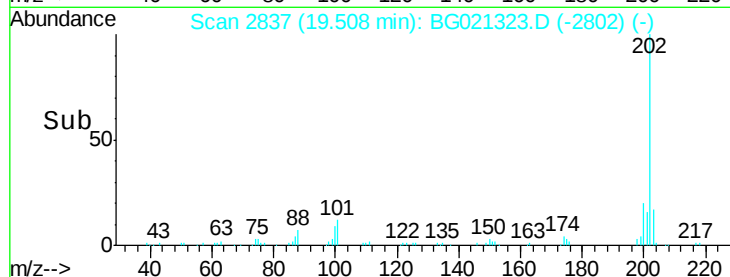
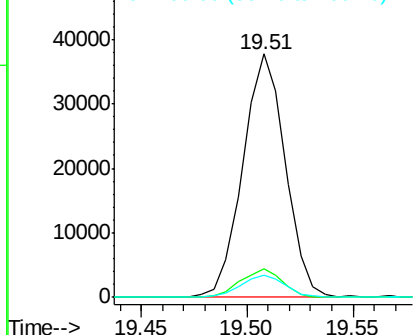
#77
Fluoranthene
 Concen: 9.77 ng/ul
 RT: 19.51 min Scan# 2837
 Delta R.T. 0.00 min
 Lab File: BG021323.D
 Acq: 6 Mar 2016 3:05

Instrument :
 BNA_G
 ClientSampleId :
 MS-SS-B140

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.9	14.9
100	9.1	7.4	11.0

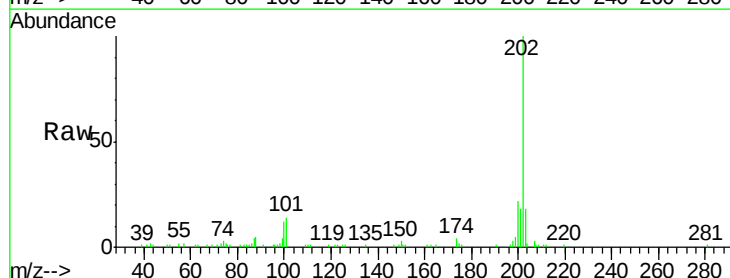


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

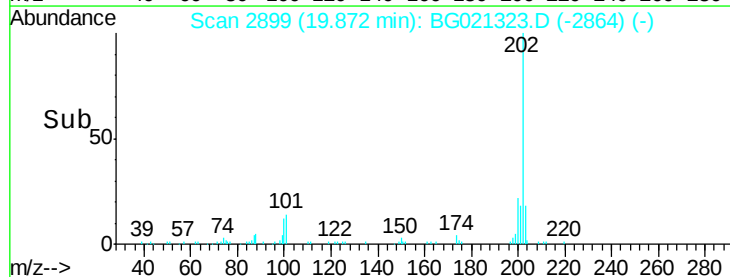
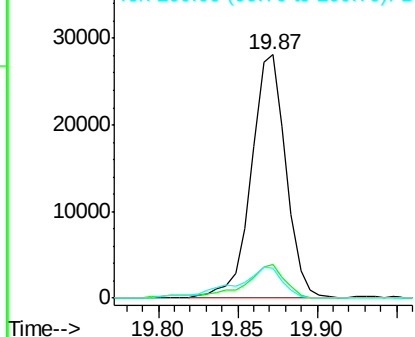


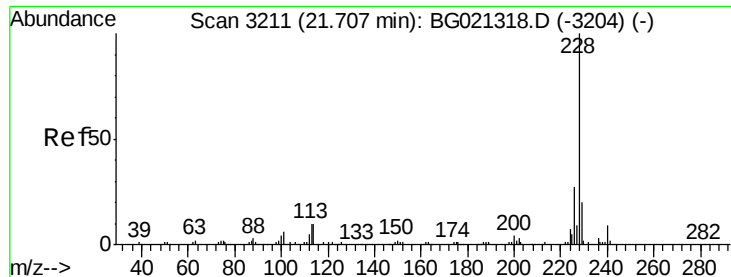
#80
Pyrene
 Concen: 7.74 ng/ul
 RT: 19.87 min Scan# 2899
 Delta R.T. 0.00 min
 Lab File: BG021323.D
 Acq: 6 Mar 2016 3:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.0	16.4
100	12.2	8.1	12.1#



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

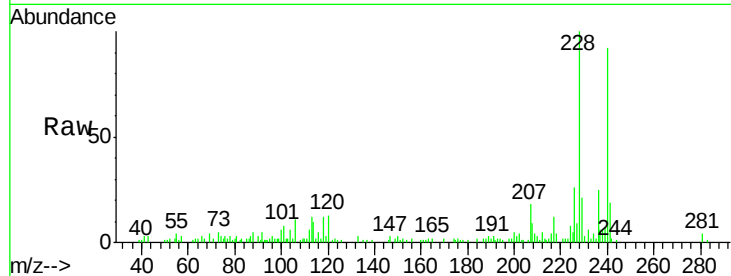




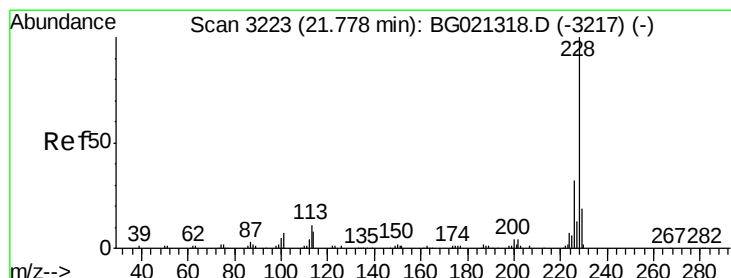
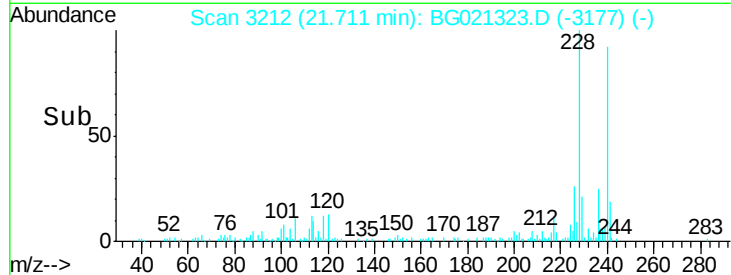
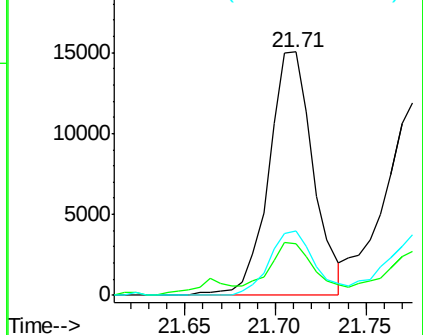
#83
Benzo(a)anthracene
Concen: 4.82 ng/u1
RT: 21.71 min Scan# 3212
Delta R.T. 0.00 min
Lab File: BG021323.D
Acq: 6 Mar 2016 3:05

Instrument :
BNA_G
ClientSampleId :
MS-SS-B140

Tgt Ion:228 Resp: 25680
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 26.3 21.1 31.7

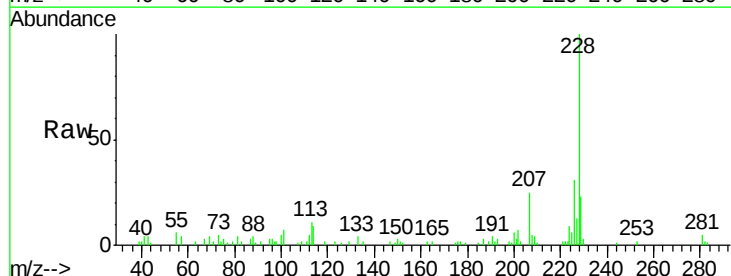


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

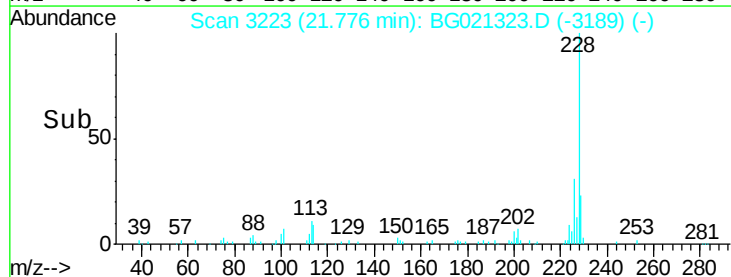
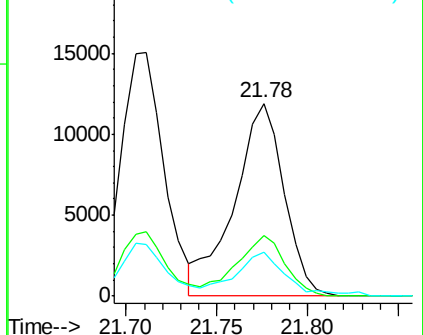


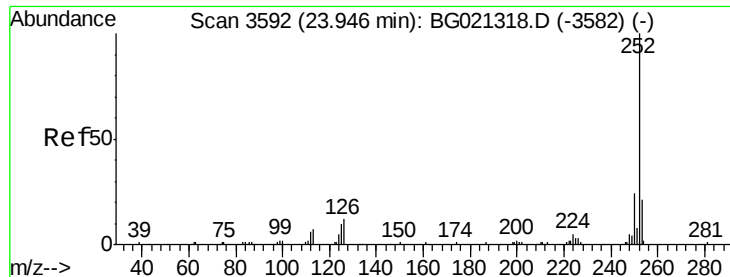
#85
Chrysene
Concen: 4.58 ng/u1
RT: 21.78 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BG021323.D
Acq: 6 Mar 2016 3:05

Tgt Ion:228 Resp: 22773
Ion Ratio Lower Upper
228 100
226 31.3 24.5 36.7
229 22.9 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 4.70 ng/ul

RT: 23.94 min Scan# 3592

Delta R.T. -0.00 min

Lab File: BG021323.D

Acq: 6 Mar 2016 3:05

Instrument :

BNA_G

ClientSampleId :

MS-SS-B140

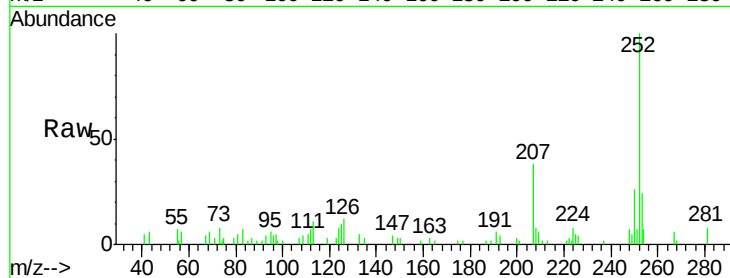
Tgt Ion:252 Resp: 25283

Ion Ratio Lower Upper

252 100

253 24.1 18.0 27.0

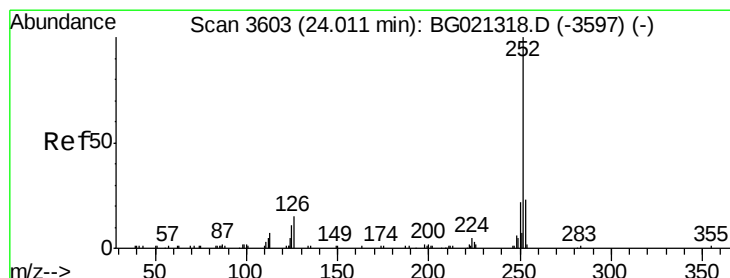
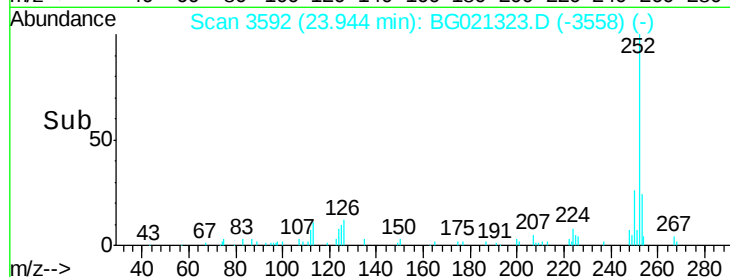
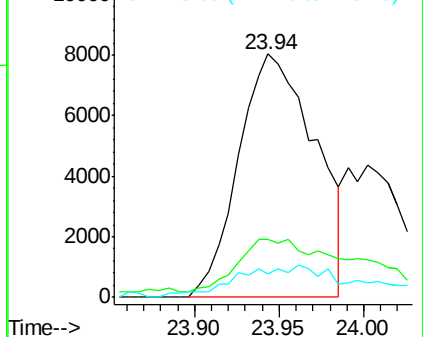
125 9.6 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 4.87 ng/ul

RT: 23.94 min Scan# 3592

Delta R.T. -0.07 min

Lab File: BG021323.D

Acq: 6 Mar 2016 3:05

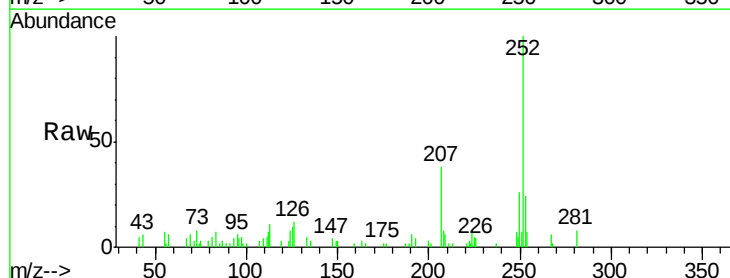
Tgt Ion:252 Resp: 25283

Ion Ratio Lower Upper

252 100

253 24.1 18.0 27.0

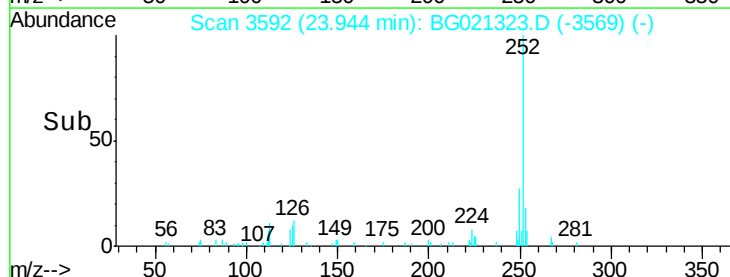
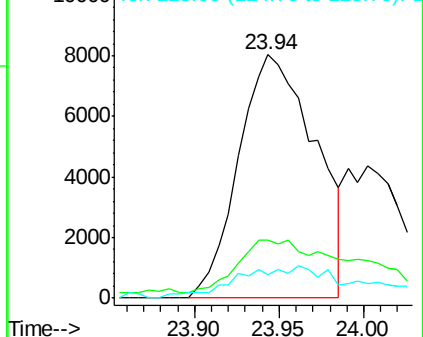
125 9.6 8.1 12.1

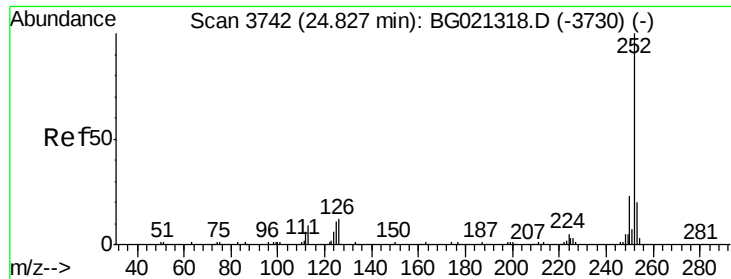


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 3.71 ng/ul

RT: 24.82 min Scan# 3741

Delta R.T. -0.01 min

Lab File: BG021323.D

Acq: 6 Mar 2016 3:05

Instrument :

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MS-SS-B140

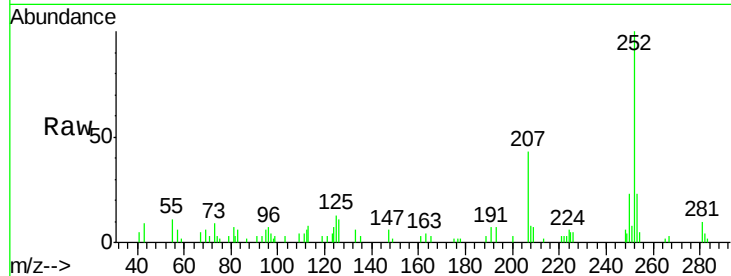
Tgt Ion:252 Resp: 19296

Ion Ratio Lower Upper

252 100

253 23.5 17.2 25.8

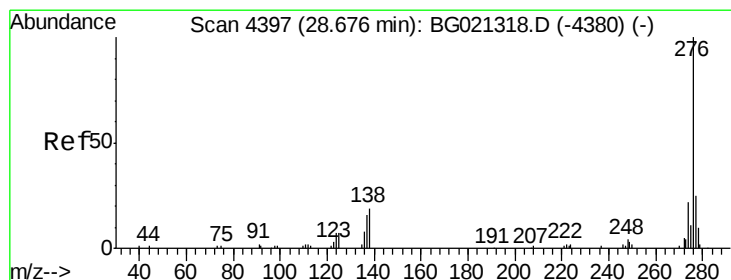
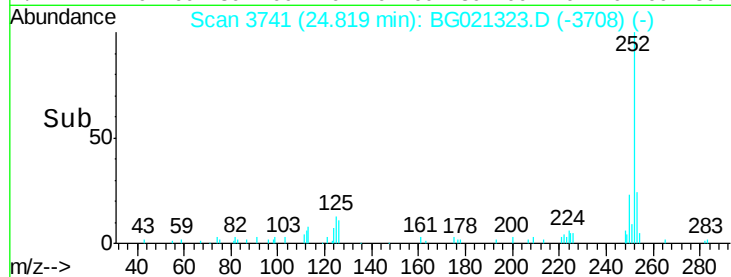
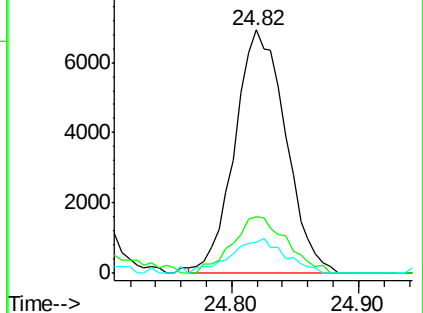
125 13.0 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.44 ng/ul

RT: 28.67 min Scan# 4396

Delta R.T. -0.01 min

Lab File: BG021323.D

Acq: 6 Mar 2016 3:05

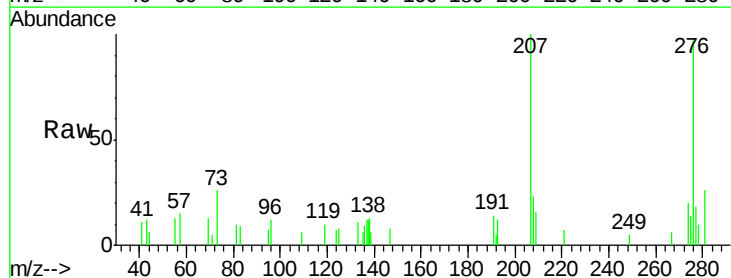
Tgt Ion:276 Resp: 8134

Ion Ratio Lower Upper

276 100

138 18.9 14.4 21.6

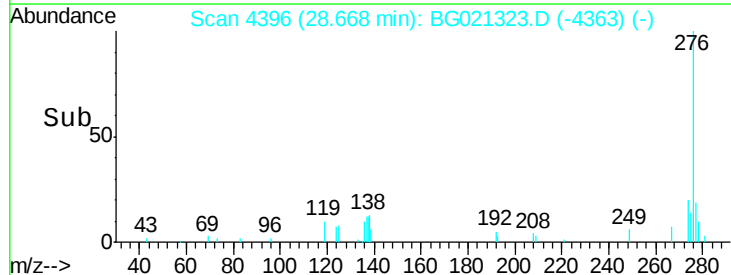
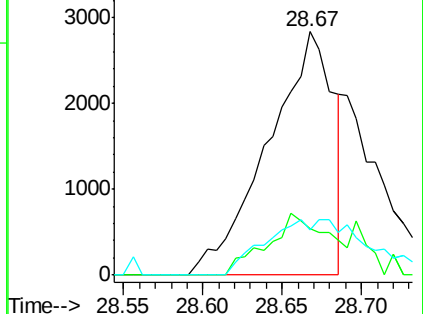
277 18.5 18.0 27.0

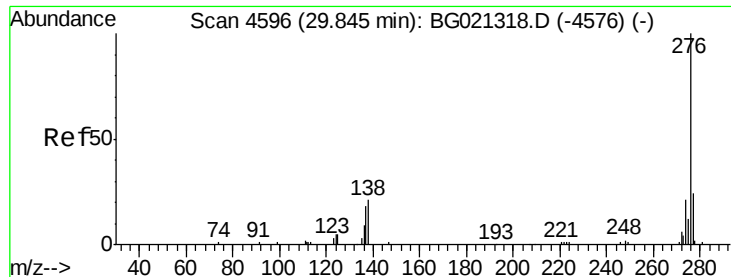


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(g,h,i)perylene

Concen: 2.40 ng/ul

RT: 29.82 min Scan# 4593

Delta R.T. -0.02 min

Lab File: BG021323.D

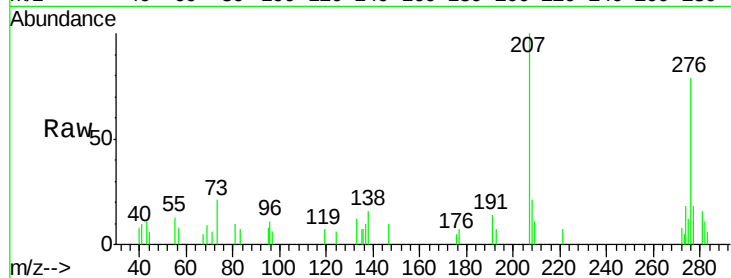
Acq: 6 Mar 2016 3:05

Instrument :

BNA_G

ClientSampleId :

MS-SS-B140



Tgt Ion:	276	Resp:	11330
Ion	Ratio	Lower	Upper
276	100		
138	19.7	15.3	22.9
277	22.4	19.0	28.4

