

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003843.D
 Acq On : 28 Dec 2015 23:57
 Operator : SJ/UM
 Sample : G4848-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N55

Quant Time: Dec 29 07:15:51 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 29 07:09:39 2015
 Response via : Initial Calibration

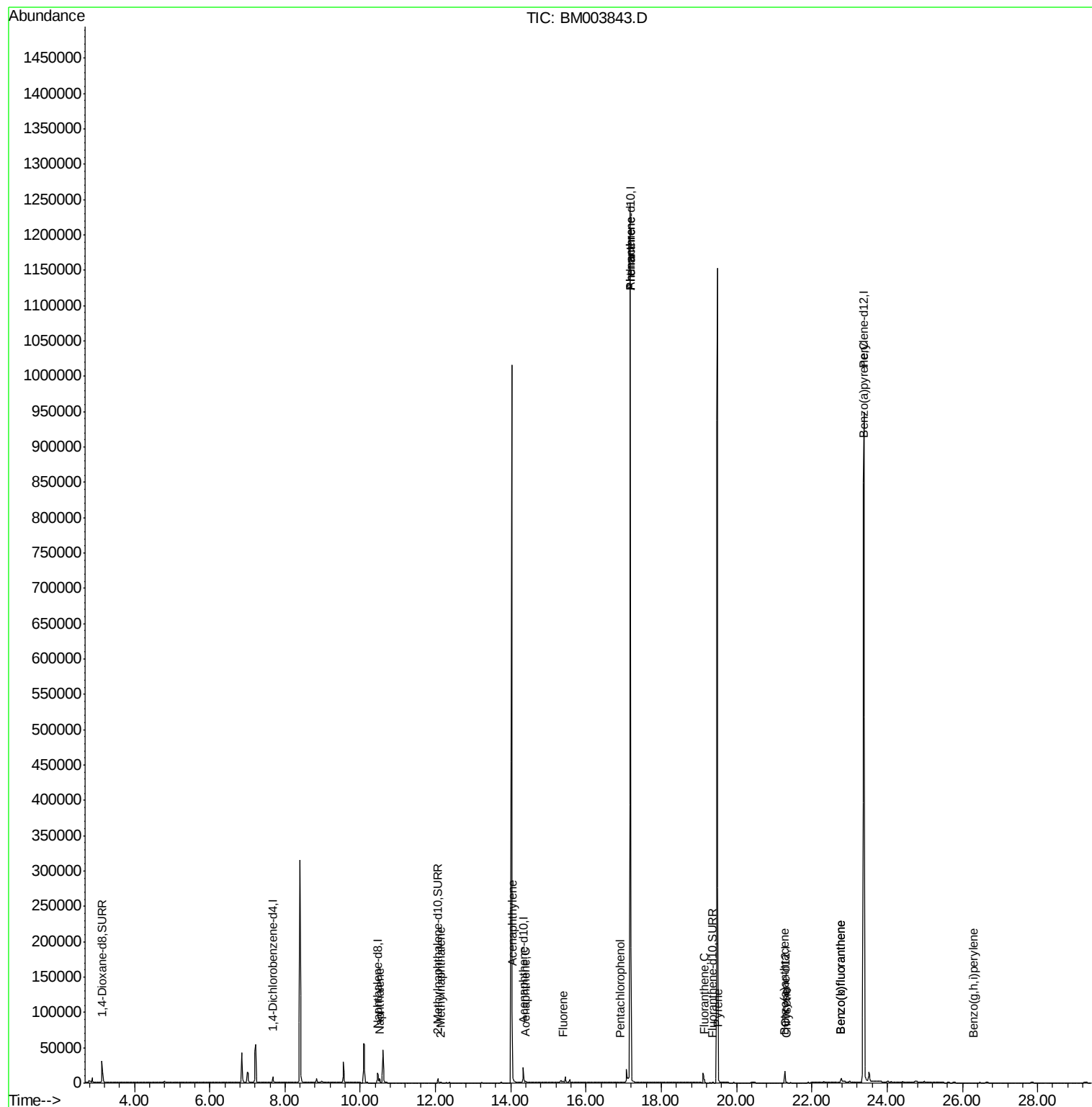
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4686	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	20212	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.33	164	11853	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.18	188	1509128	0.40	ng/ul	0.10
18) Chrysene-d12	21.29	240	17001	0.40	ng/ul	0.00
22) Perylene-d12	23.38	264	1239163	0.40	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	23258	11.61	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	12.07	152	9120	0.38	ng/ul	0.00
16) Fluoranthene-d10	19.37	212	735	0.00	ng/ul	0.24
Target Compounds				Qvalue		
5) Naphthalene	10.51	128	8205	0.18	ng/ul#	96
7) 2-Methylnaphthalene	12.14	142	1020	0.03	ng/ul	96
9) Acenaphthylene	14.04	152	441	0.01	ng/ul#	50
10) Acenaphthene	14.38	153	1438	0.04	ng/ul#	81
11) Fluorene	15.39	166	1880	0.05	ng/ul#	97
13) Pentachlorophenol	16.90	266	1	0.00	ng/ul#	20
14) Phenanthrene	17.18	178	1299	0.00	ng/ul#	1
15) Anthracene	17.18	178	1294	0.00	ng/ul#	1
17) Fluoranthene	19.15	202	5257	0.00	ng/ul	92
19) Pyrene	19.51	202	5798	0.13	ng/ul#	92
20) Benzo(a)anthracene	21.27	228	790	0.02	ng/ul#	72
21) Chrysene	21.32	228	767	0.02	ng/ul#	73
23) Benzo(b)fluoranthene	22.78	252	57	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.78	252	57	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.37	252	5195	0.00	ng/ul#	57
28) Benzo(g,h,i)perylene	26.29	276	7	0.00	ng/ul#	1

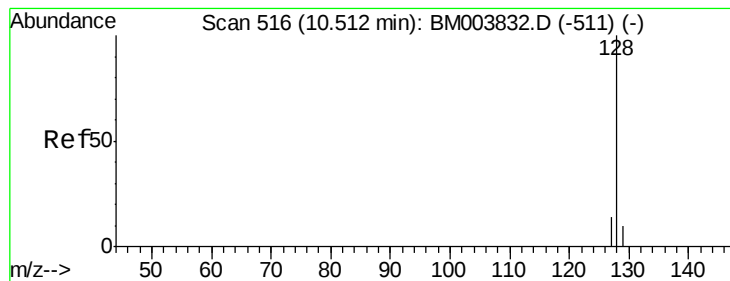
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 29 07:09:39 2015
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#5

Naphthalene

Concen: 0.18 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.00 min

Lab File: BM003843.D

Acq: 28 Dec 2015 23:57

Instrument :

BNA_G

ClientSampleId :

D9N55

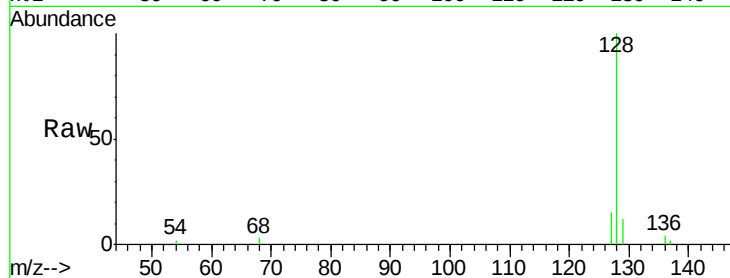
Tgt Ion:128 Resp: 8205

Ion Ratio Lower Upper

128 100

129 11.9 9.0 13.6

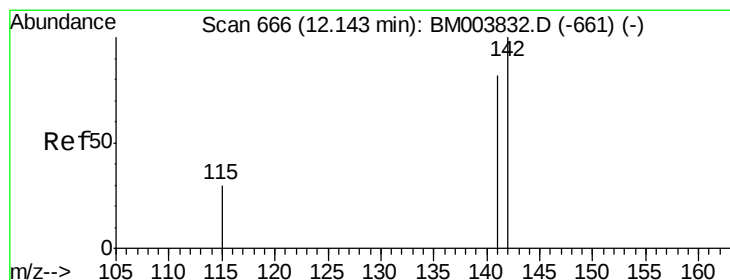
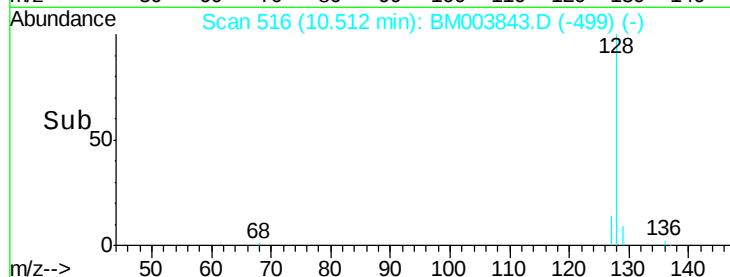
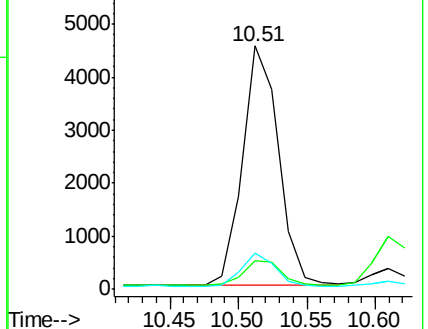
127 14.8 9.6 14.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.03 ng/ul

RT: 12.14 min Scan# 666

Delta R.T. -0.00 min

Lab File: BM003843.D

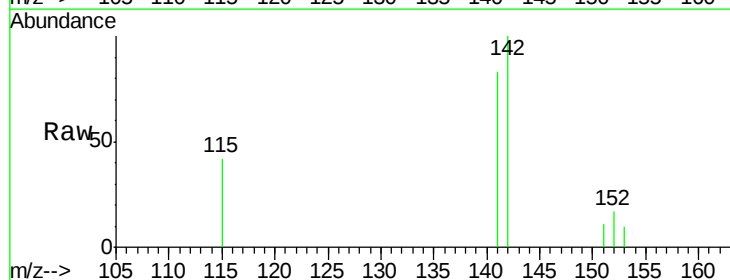
Acq: 28 Dec 2015 23:57

Tgt Ion:142 Resp: 1020

Ion Ratio Lower Upper

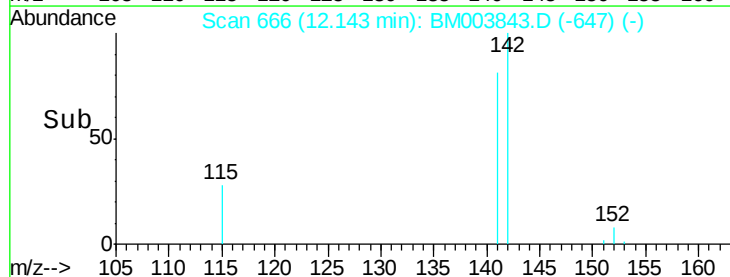
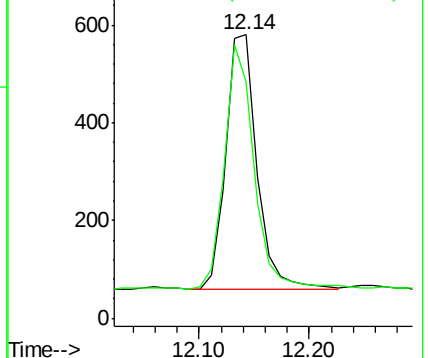
142 100

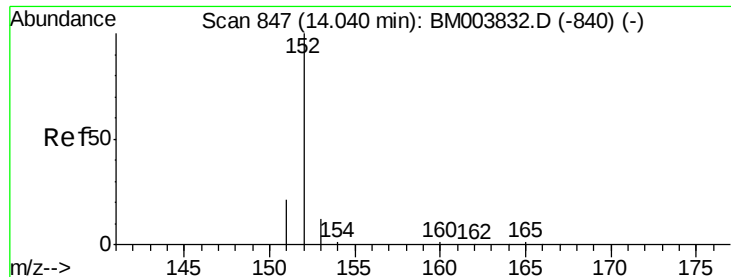
141 91.4 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM003843.D

Acq: 28 Dec 2015 23:57

Instrument :

BNA_G

ClientSampleId :

D9N55

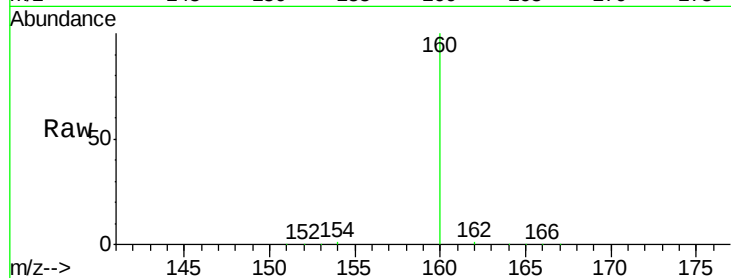
Tgt Ion:152 Resp: 441

Ion Ratio Lower Upper

152 100

151 40.4 17.6 26.4#

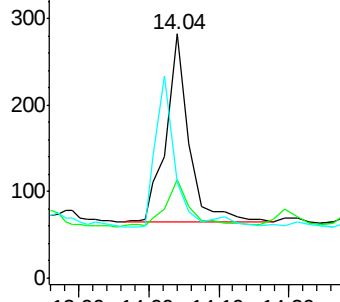
153 39.4 9.7 14.5#



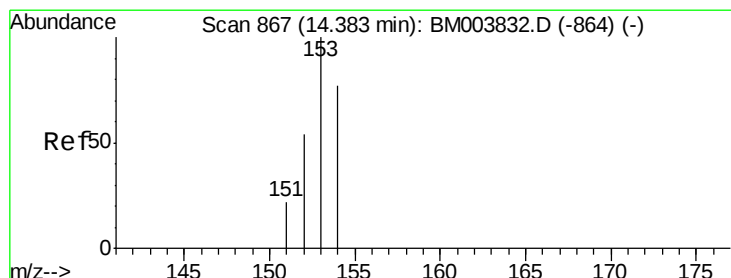
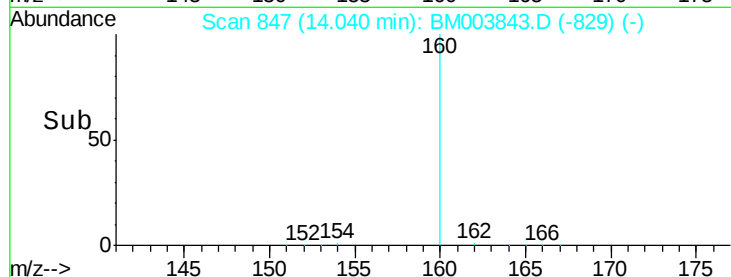
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#10

Acenaphthene

Concen: 0.04 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM003843.D

Acq: 28 Dec 2015 23:57

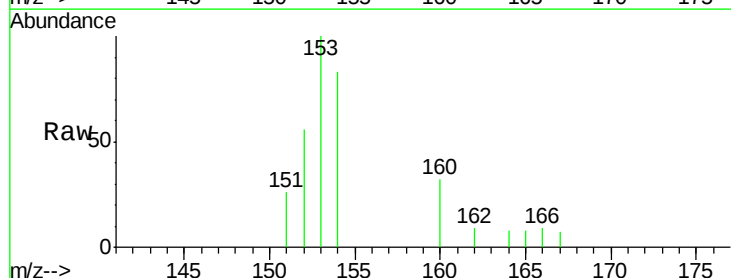
Tgt Ion:153 Resp: 1438

Ion Ratio Lower Upper

153 100

152 56.0 33.9 50.9#

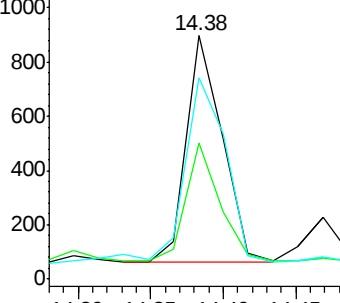
154 82.6 80.6 121.0



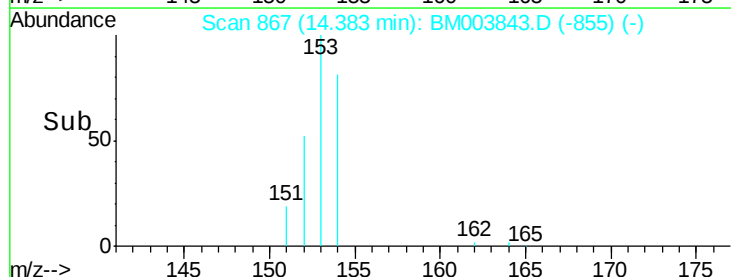
Abundance Ion 153.00 (152.70 to 153.70): E

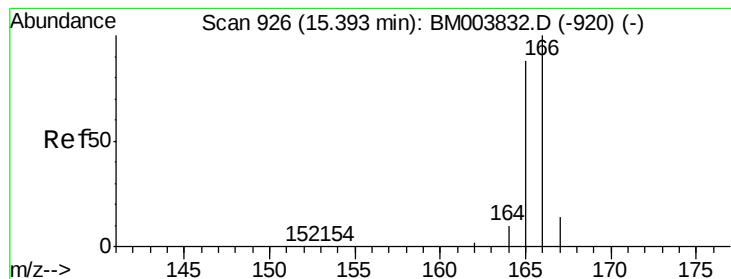
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->





#11

Fluorene

Concen: 0.05 ng/ul

RT: 15.39 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM003843.D

Acq: 28 Dec 2015 23:57

Instrument :

BNA_G

ClientSampleId :

D9N55

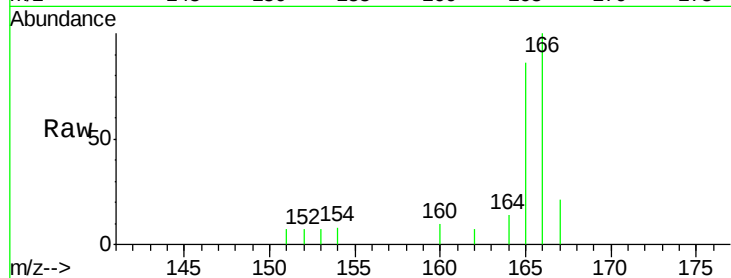
Tgt Ion:166 Resp: 1880

Ion Ratio Lower Upper

166 100

165 85.9 69.6 104.4

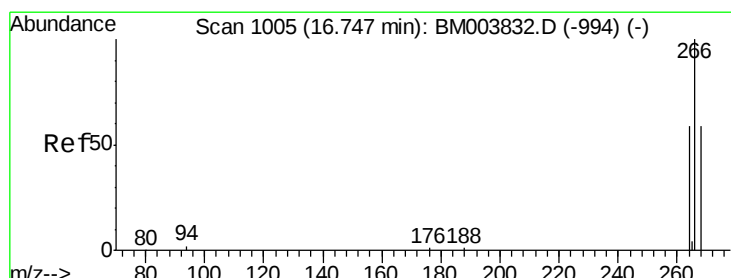
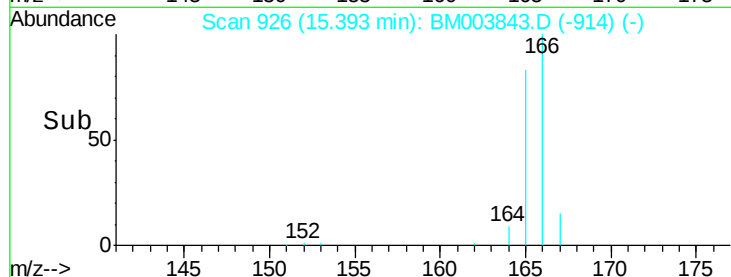
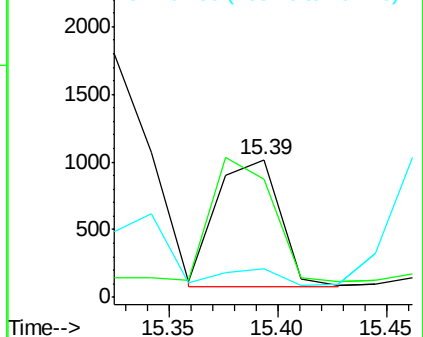
167 21.0 11.9 17.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.90 min Scan# 1014

Delta R.T. 0.15 min

Lab File: BM003843.D

Acq: 28 Dec 2015 23:57

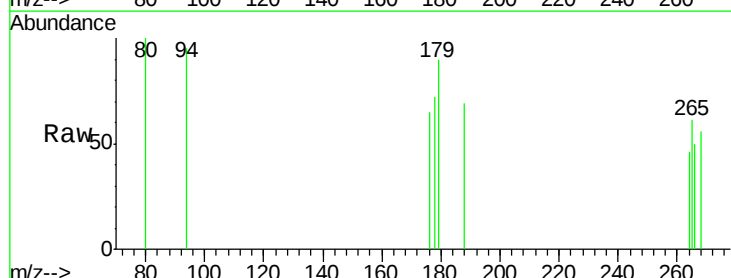
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

264 0.0 51.8 77.8#

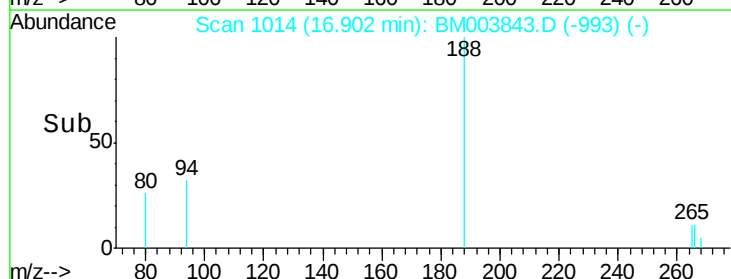
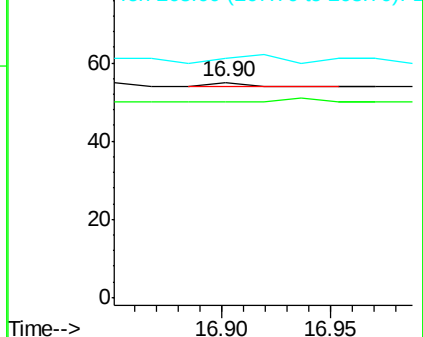
268 0.0 46.8 70.2#

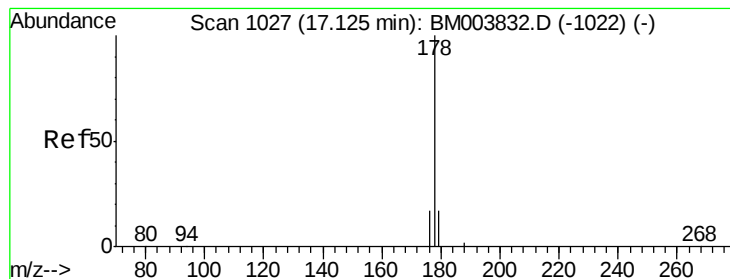


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.18 min Scan# 1030

Delta R.T. 0.05 min

Lab File: BM003843.D

Acq: 28 Dec 2015 23:57

Instrument :

BNA_G

ClientSampleId :

D9N55

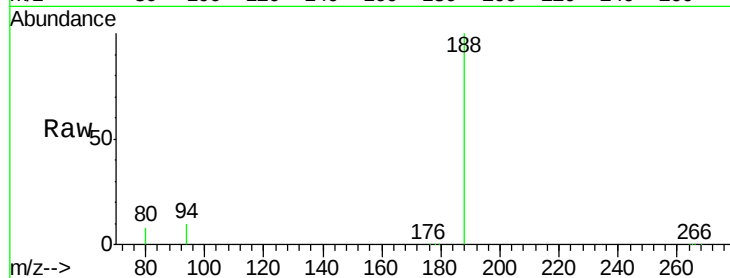
Tgt Ion:178 Resp: 1299

Ion Ratio Lower Upper

178 100

176 15.5 13.0 19.4

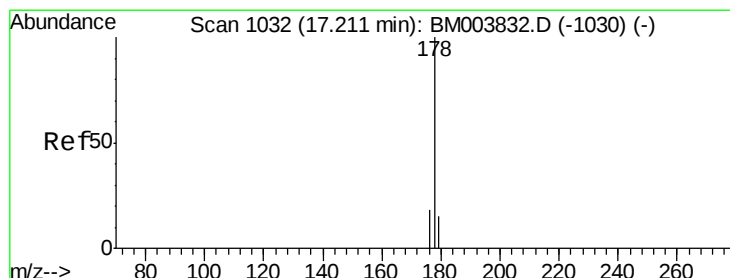
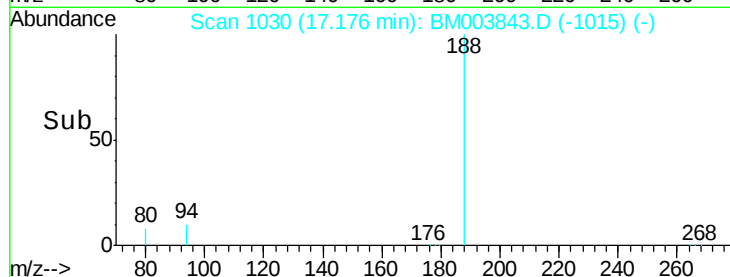
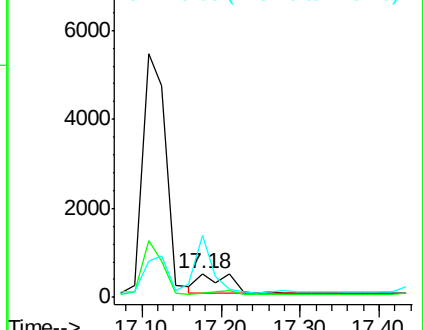
179 261.2 14.2 21.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.18 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BM003843.D

Acq: 28 Dec 2015 23:57

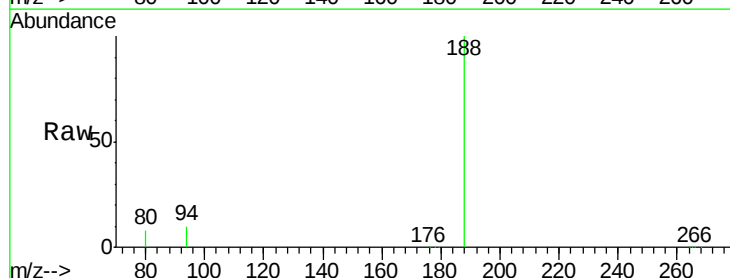
Tgt Ion:178 Resp: 1294

Ion Ratio Lower Upper

178 100

176 15.5 14.0 21.0

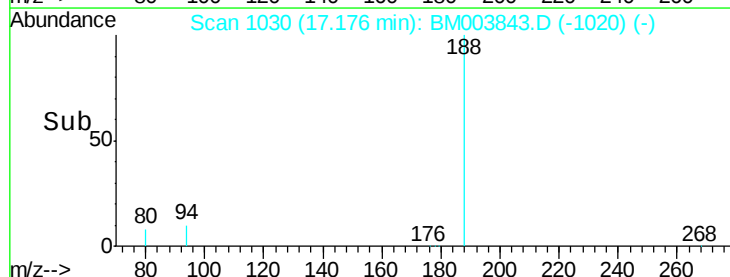
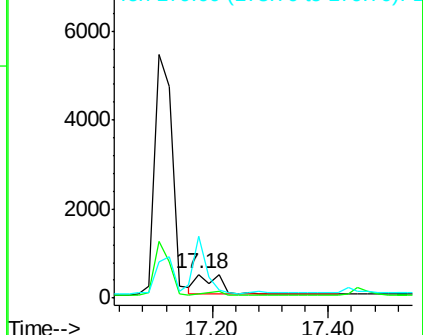
179 261.2 12.9 19.3#

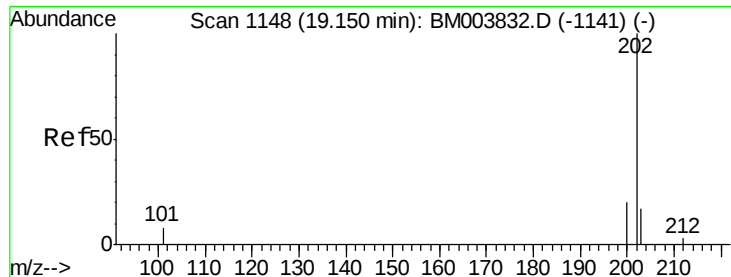


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

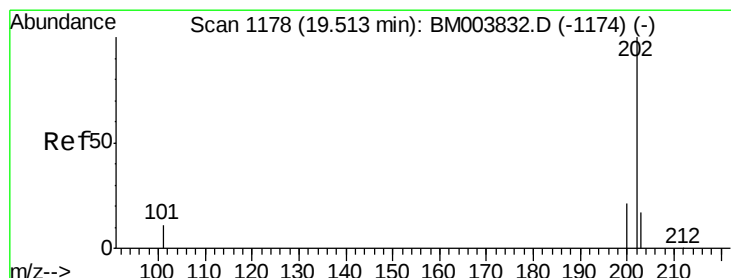
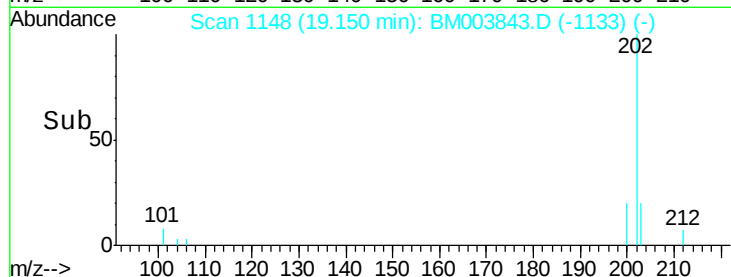
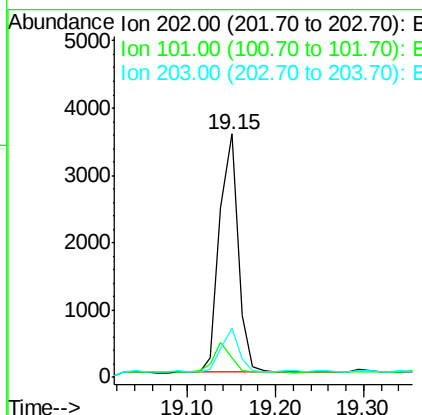
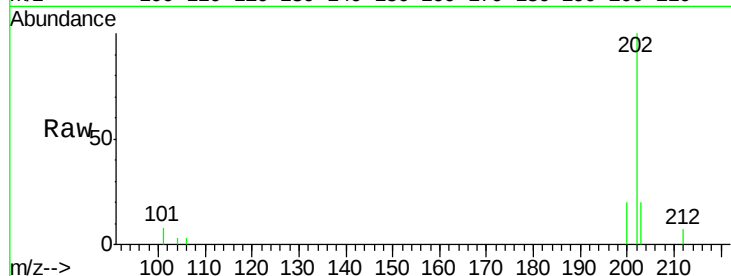




#17
Fluoranthene
 Concen: 0.00 ng/ul
 RT: 19.15 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BM003843.D
 Acq: 28 Dec 2015 23:57

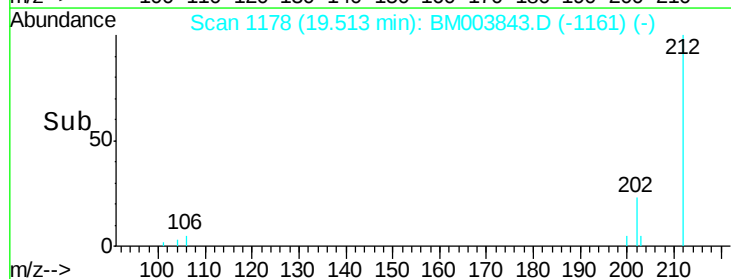
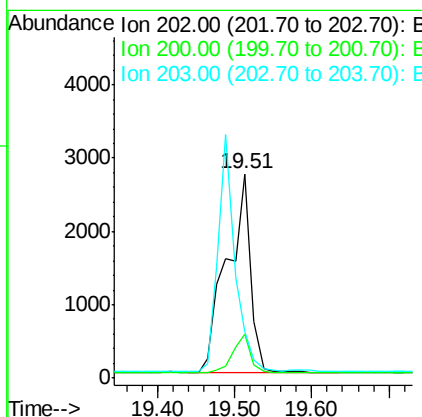
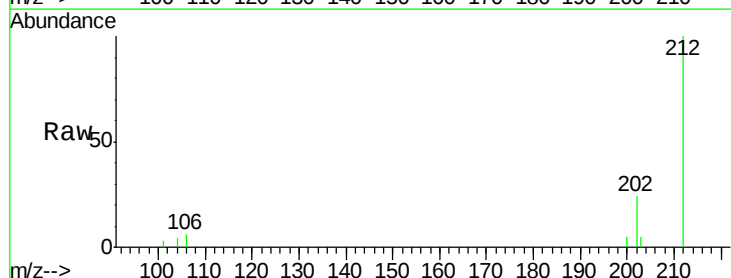
Instrument :
 BNA_G
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 D9N55

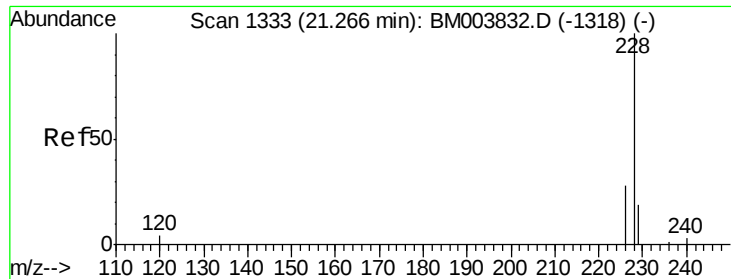
Tgt Ion:202 Resp: 5257
 Ion Ratio Lower Upper
 202 100
 101 8.0 0.0 29.6
 203 20.4 0.0 36.3



#19
Pyrene
 Concen: 0.13 ng/ul
 RT: 19.51 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BM003843.D
 Acq: 28 Dec 2015 23:57

Tgt Ion:202 Resp: 5798
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.8 26.8
 203 22.8 12.8 19.2#





#20

Benzo(a)anthracene

Concen: 0.02 ng/ul

RT: 21.27 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BM003843.D

Acq: 28 Dec 2015 23:57

Instrument :

BNA_G

ClientSampleId :

D9N55

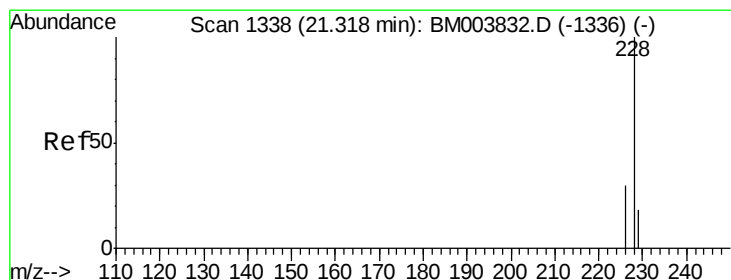
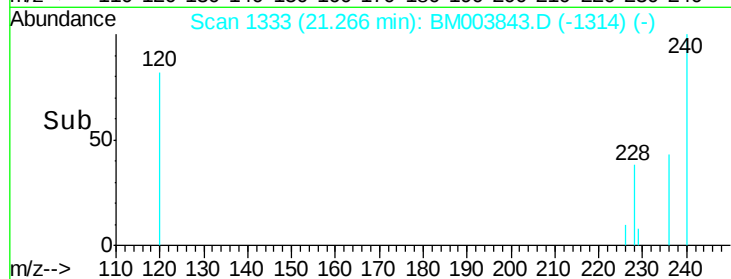
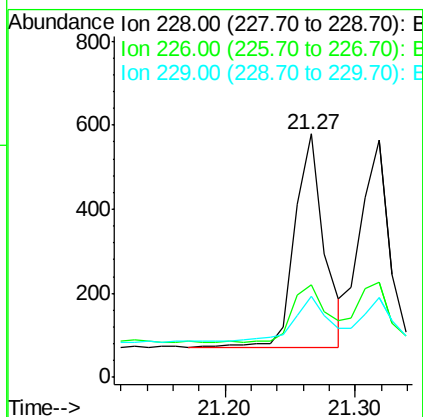
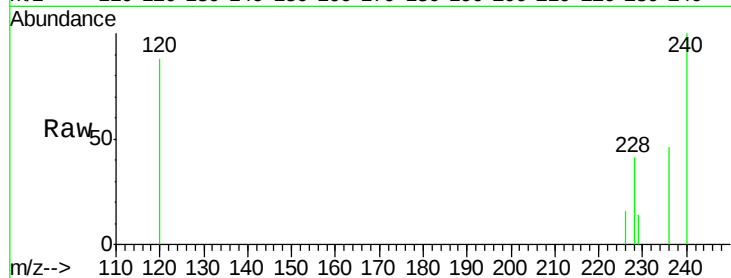
Tgt Ion:228 Resp: 790

Ion Ratio Lower Upper

228 100

226 38.2 18.8 28.2#

229 33.3 17.1 25.7#



#21

Chrysene

Concen: 0.02 ng/ul

RT: 21.32 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BM003843.D

Acq: 28 Dec 2015 23:57

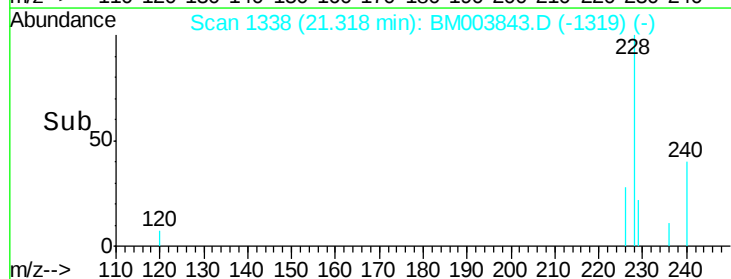
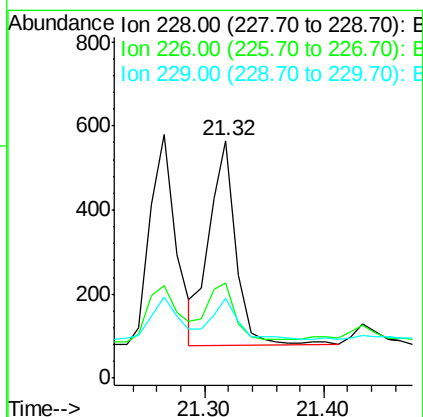
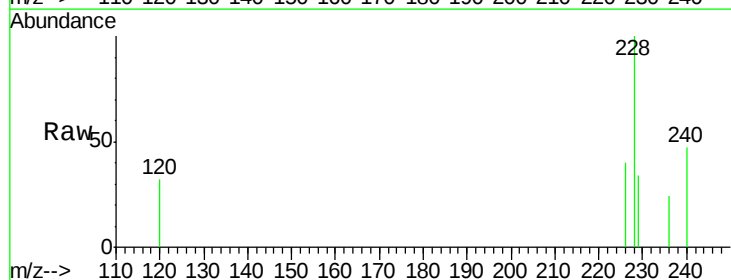
Tgt Ion:228 Resp: 767

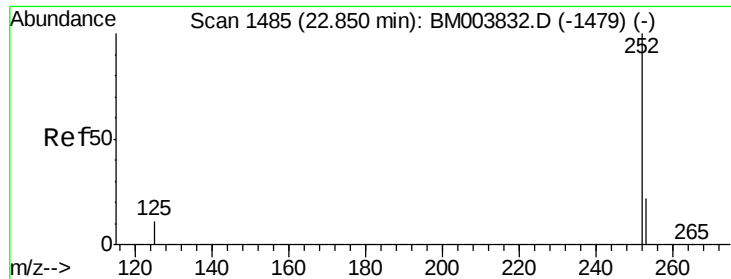
Ion Ratio Lower Upper

228 100

226 40.2 21.2 31.8#

229 33.8 17.0 25.6#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 22.78 min Scan# 1478

Delta R.T. -0.07 min

Lab File: BM003843.D

Acq: 28 Dec 2015 23:57

Instrument :

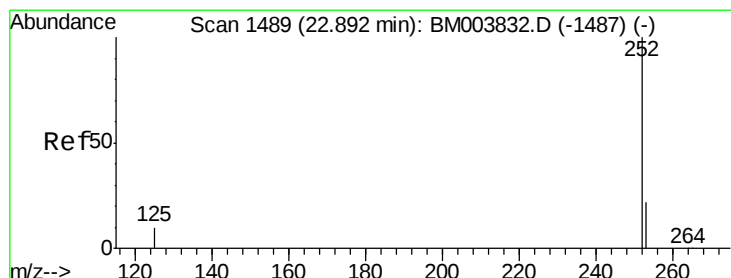
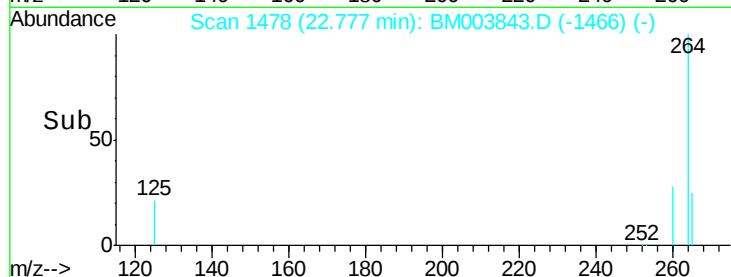
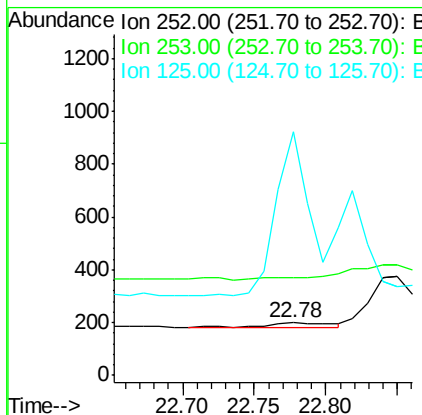
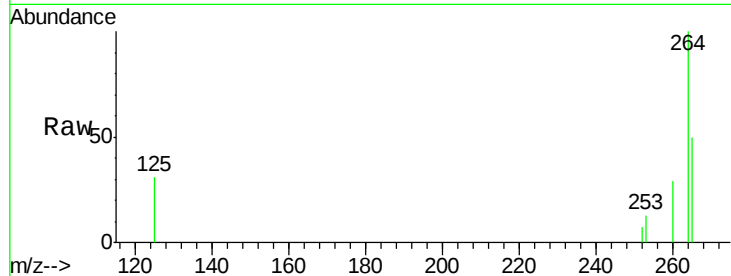
BNA_G

ClientSampleId :

D9N55

Tgt Ion:252 Resp: 57

Ion	Ratio	Lower	Upper
252	100		
253	187.9	0.0	45.4#
125	465.7	0.0	28.8#



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/u1

RT: 22.78 min Scan# 1478

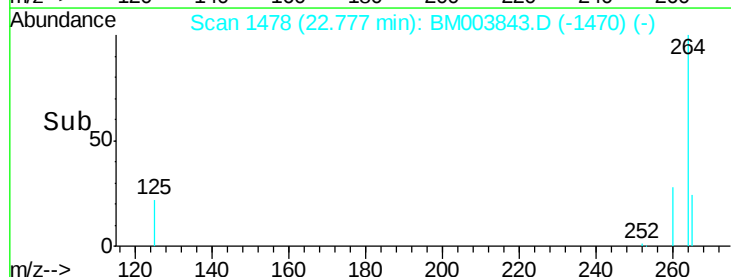
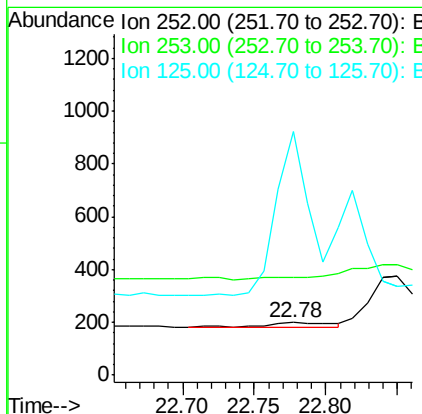
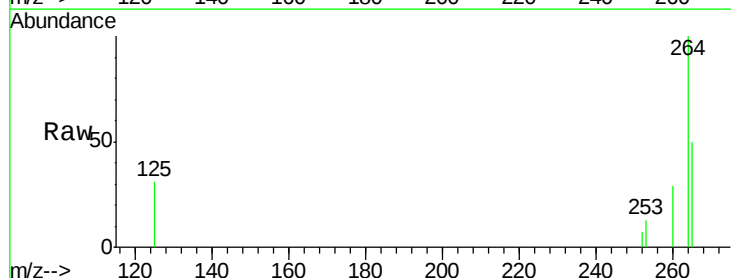
Delta R.T. -0.11 min

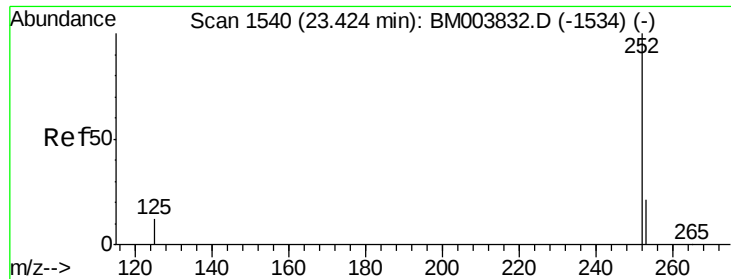
Lab File: BM003843.D

Acq: 28 Dec 2015 23:57

Tgt Ion:252 Resp: 57

Ion	Ratio	Lower	Upper
252	100		
253	187.9	19.8	29.8#
125	465.7	10.4	15.6#





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.37 min Scan# 1535

Delta R.T. -0.05 min

Lab File: BM003843.D

Acq: 28 Dec 2015 23:57

Instrument :

BNA_G

ClientSampleId :

D9N55

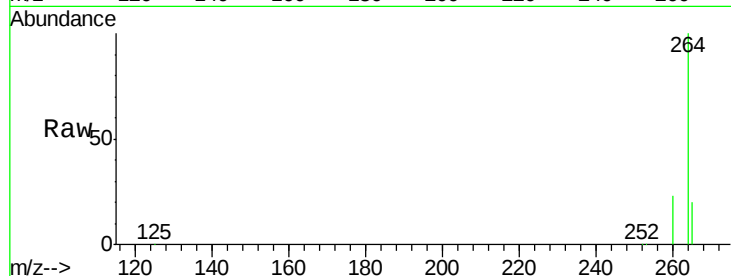
Tgt Ion:252 Resp: 5195

Ion Ratio Lower Upper

252 100

253 37.2 19.4 29.2#

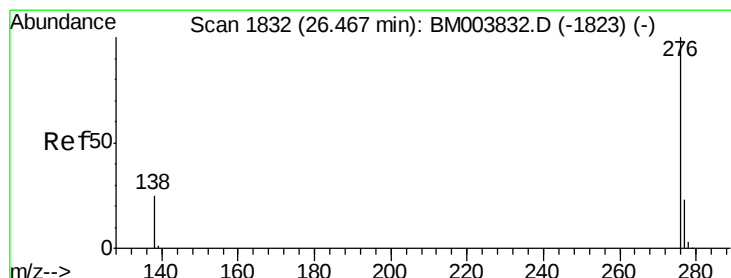
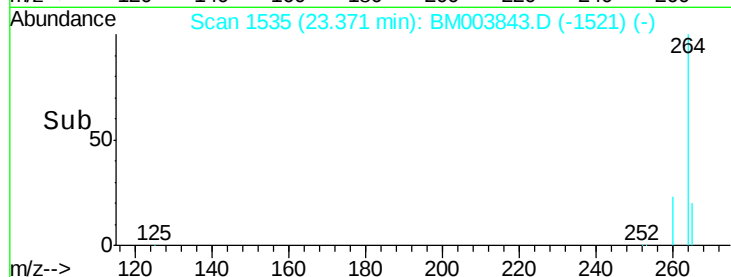
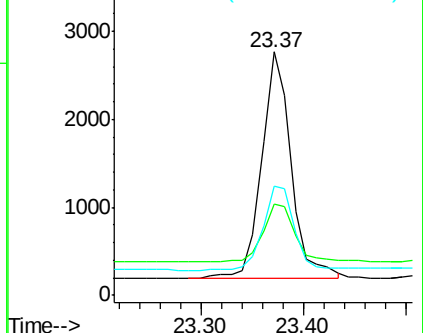
125 44.7 12.7 19.1#



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



#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.29 min Scan# 1815

Delta R.T. -0.18 min

Lab File: BM003843.D

Acq: 28 Dec 2015 23:57

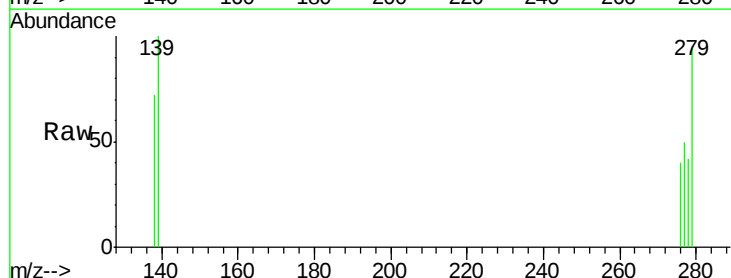
Tgt Ion:276 Resp: 7

Ion Ratio Lower Upper

276 100

277 123.5 18.9 28.3#

138 177.9 22.5 33.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

