

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003836.D
 Acq On : 28 Dec 2015 19:46
 Operator : SJ/UM
 Sample : G4792-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N26

Quant Time: Dec 29 07:13:28 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

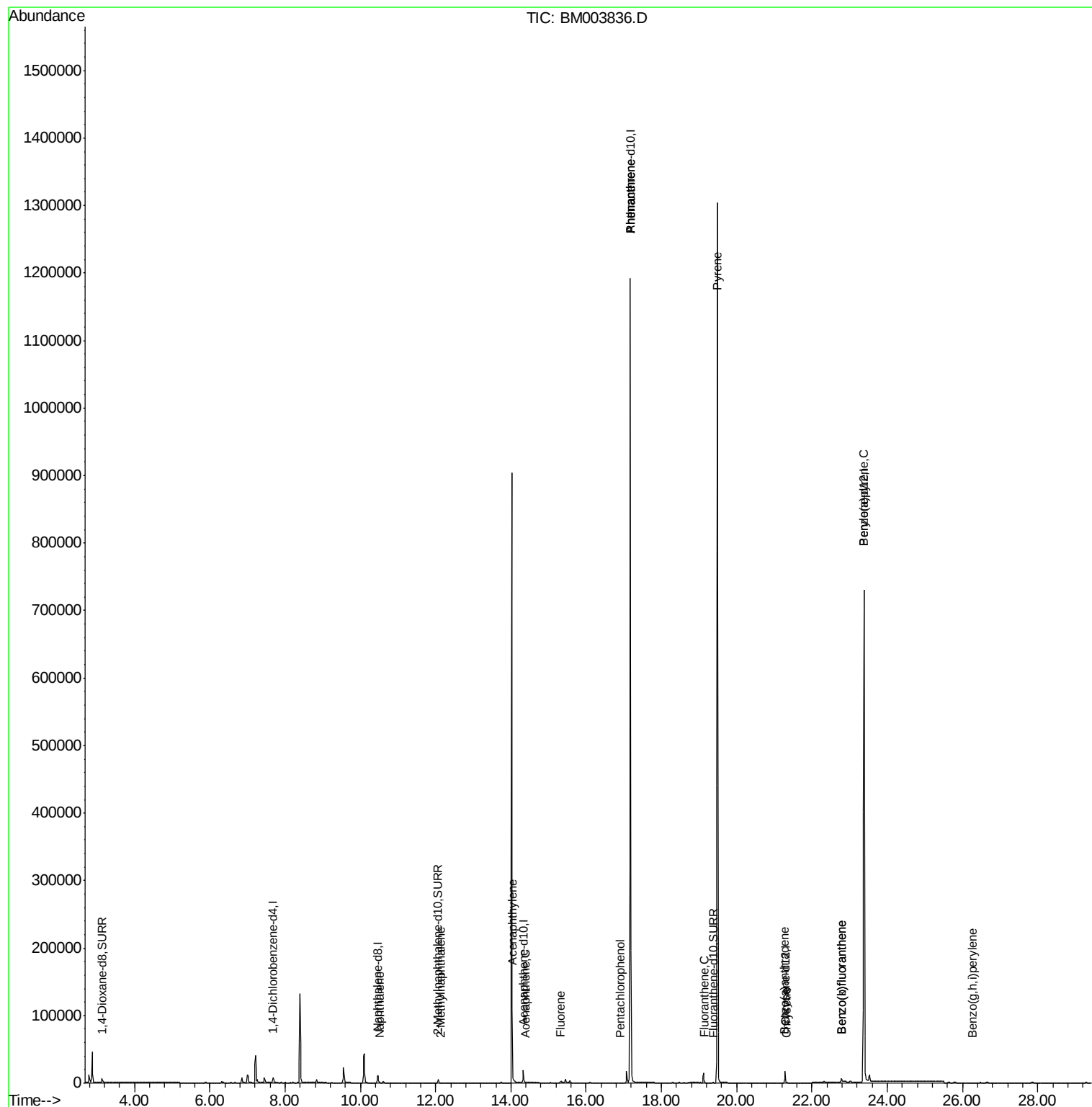
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	3783	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	16688	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.33	164	10180	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.18	188	1411862	0.40	ng/ul	0.10
18) Chrysene-d12	21.28	240	17435	0.40	ng/ul	0.00
22) Perylene-d12	23.38	264	1018674	0.40	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	4858	3.00	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	12.07	152	7395	0.37	ng/ul	0.00
16) Fluoranthene-d10	19.37	212	715	0.00	ng/ul	0.25
Target Compounds				Qvalue		
5) Naphthalene	10.51	128	824	0.02	ng/ul#	69
7) 2-Methylnaphthalene	12.14	142	216	0.01	ng/ul	95
9) Acenaphthylene	14.04	152	489	0.01	ng/ul#	55
10) Acenaphthene	14.38	153	263	0.01	ng/ul#	78
11) Fluorene	15.32	166	2968	0.09	ng/ul#	23
13) Pentachlorophenol	16.90	266	1	0.00	ng/ul#	1
14) Phenanthrene	17.18	178	806	0.00	ng/ul#	1
15) Anthracene	17.18	178	796	0.00	ng/ul#	1
17) Fluoranthene	19.14	202	733	0.00	ng/ul	70
19) Pyrene	19.48	202	3027	0.06	ng/ul#	1
20) Benzo(a)anthracene	21.27	228	365	0.01	ng/ul#	31
21) Chrysene	21.32	228	319	0.01	ng/ul#	42
23) Benzo(b)fluoranthene	22.78	252	44	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.78	252	44	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.38	252	4091	0.00	ng/ul#	45
28) Benzo(g,h,i)perylene	26.28	276	4	0.00	ng/ul#	1

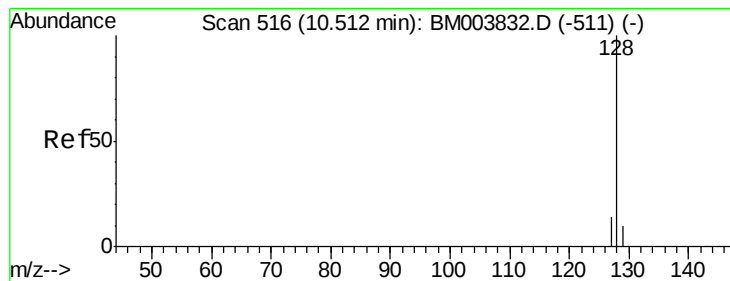
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 29 07:09:39 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.02 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.00 min

Lab File: BM003836.D

Acq: 28 Dec 2015 19:46

Instrument :

BNA_G

ClientSampleId :

D9N26

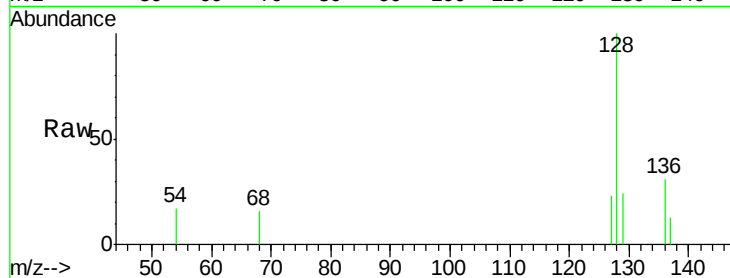
Tgt Ion:128 Resp: 824

Ion Ratio Lower Upper

128 100

129 24.2 9.0 13.6#

127 22.8 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

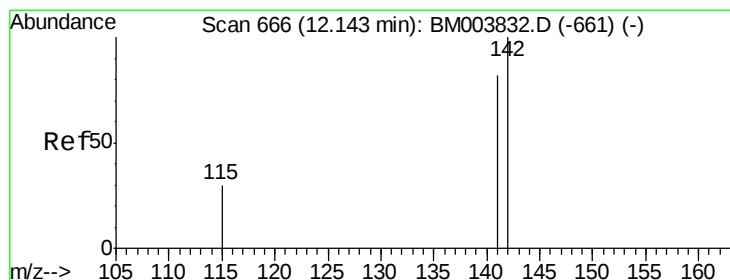
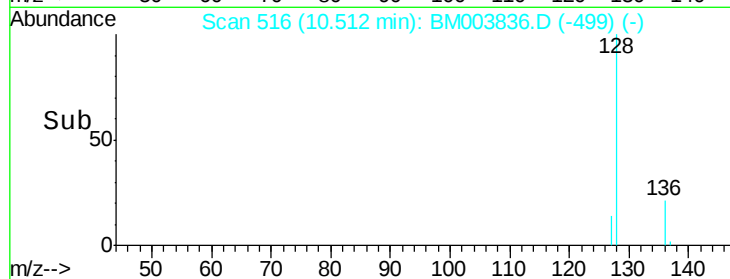
10.51

400

200

0

Time--> 10.40 10.50 10.60



#7

2-Methylnaphthalene

Concen: 0.01 ng/ul

RT: 12.14 min Scan# 666

Delta R.T. -0.00 min

Lab File: BM003836.D

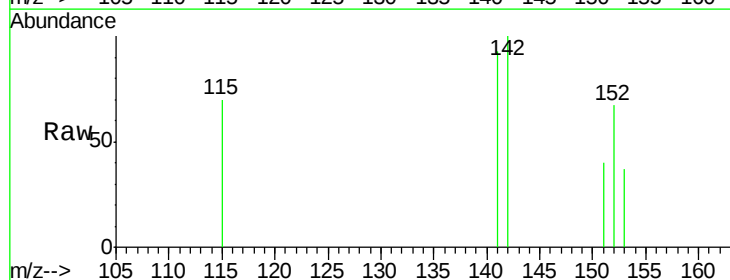
Acq: 28 Dec 2015 19:46

Tgt Ion:142 Resp: 216

Ion Ratio Lower Upper

142 100

141 92.6 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

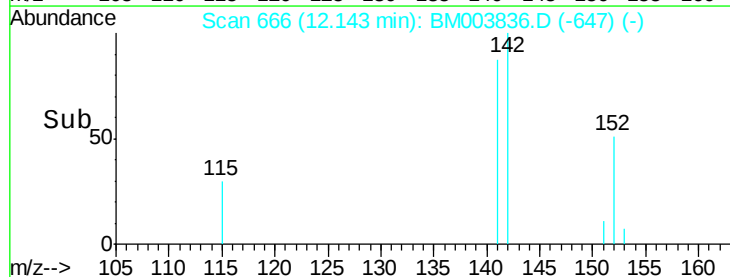
12.14

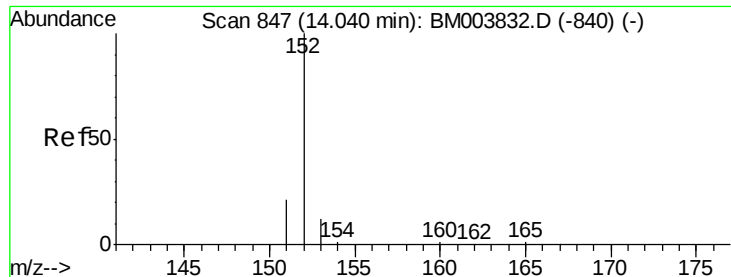
150

100

50

Time--> 12.10 12.20





#9

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM003836.D

Acq: 28 Dec 2015 19:46

Instrument :

BNA_G

ClientSampleId :

D9N26

Tgt Ion:152 Resp: 489

Ion Ratio Lower Upper

152 100

151 38.0 17.6 26.4#

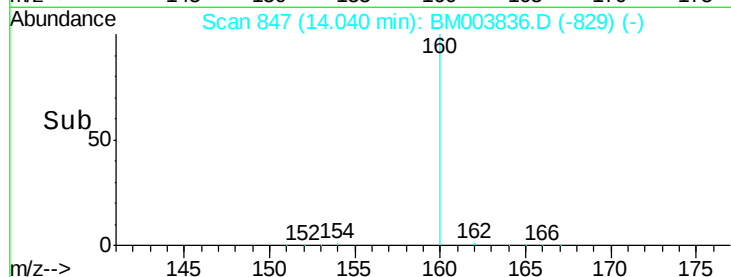
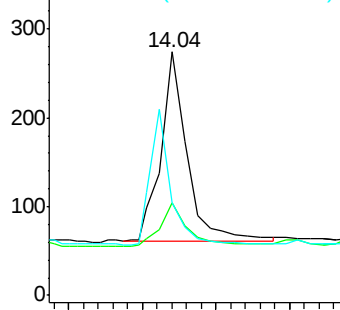
153 38.0 9.7 14.5#



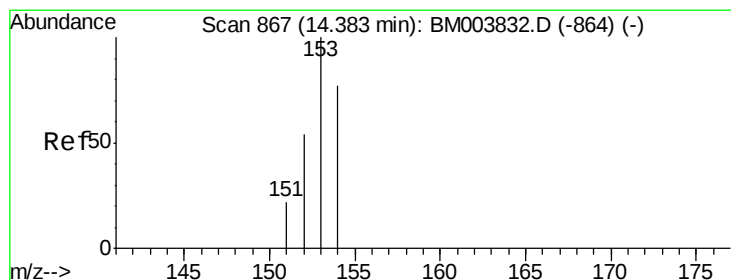
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#10

Acenaphthene

Concen: 0.01 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM003836.D

Acq: 28 Dec 2015 19:46

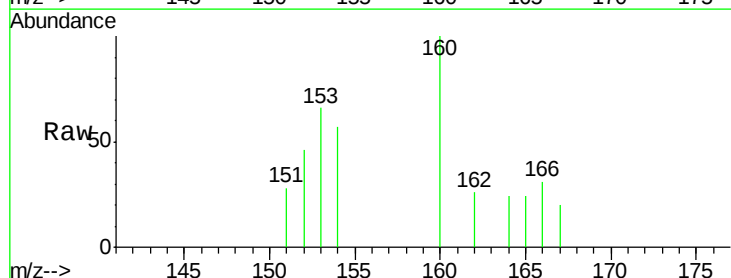
Tgt Ion:153 Resp: 263

Ion Ratio Lower Upper

153 100

152 69.8 33.9 50.9#

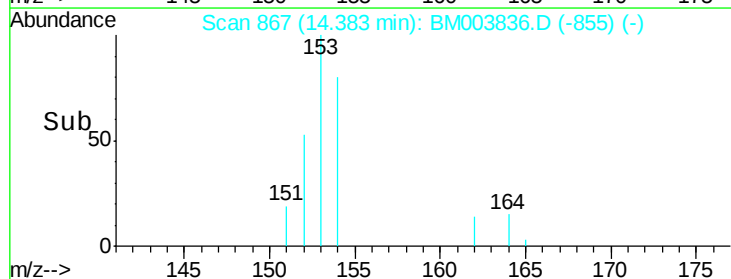
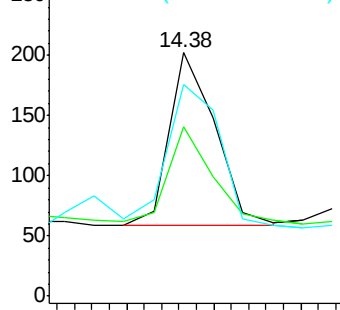
154 87.1 80.6 121.0

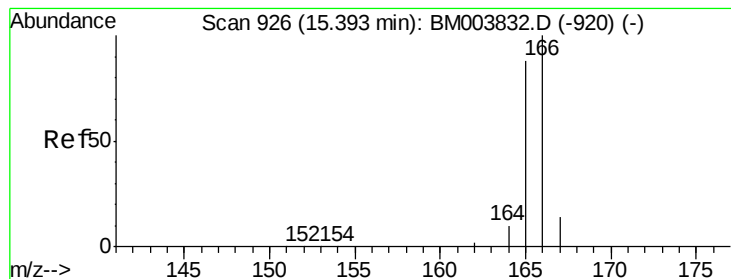


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.09 ng/ul

RT: 15.32 min Scan# 922

Delta R.T. -0.07 min

Lab File: BM003836.D

Acq: 28 Dec 2015 19:46

Instrument :

BNA_G

ClientSampleId :

D9N26

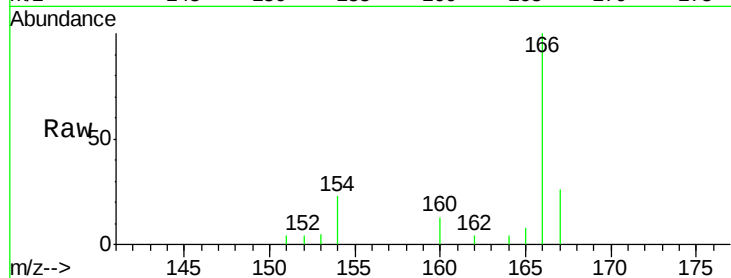
Tgt Ion:166 Resp: 2968

Ion Ratio Lower Upper

166 100

165 8.2 69.6 104.4#

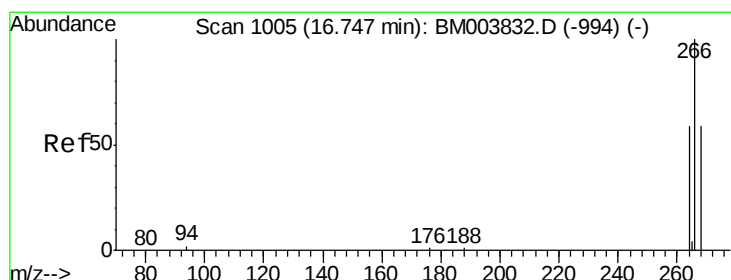
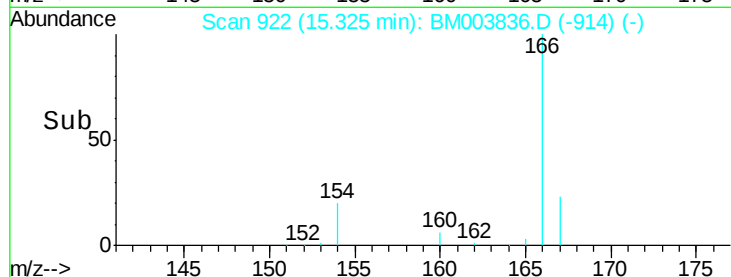
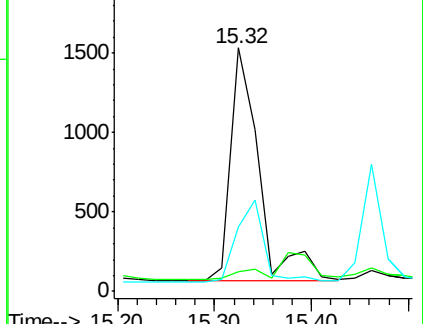
167 26.3 11.9 17.9#



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: BM003836.D

Acq: 28 Dec 2015 19:46

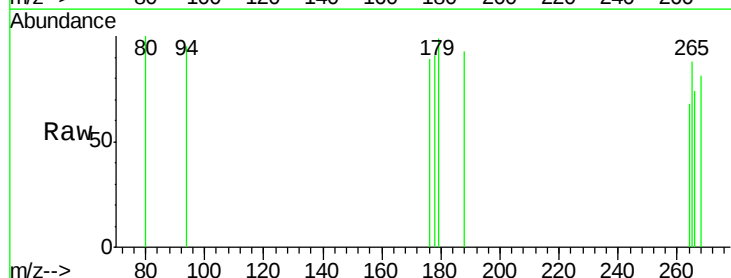
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

264 200.0 51.8 77.8#

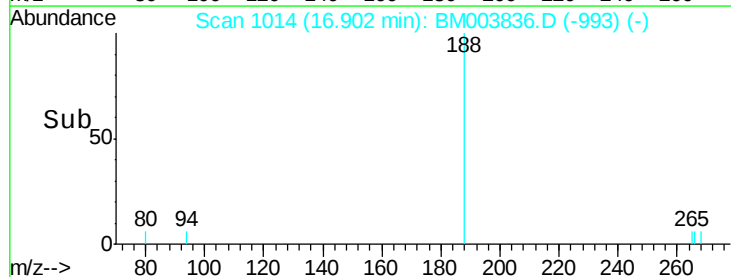
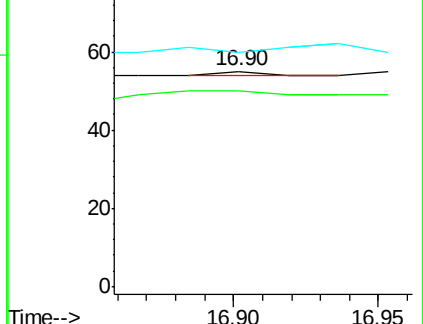
268 0.0 46.8 70.2#

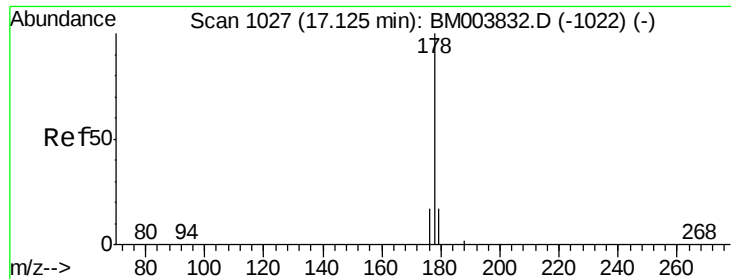


Abundance Ion 266.00 (265.70 to 266.70): E

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: BM003836.D

Acq: 28 Dec 2015 19:46

Instrument :

BNA_G

ClientSampleId :

D9N26

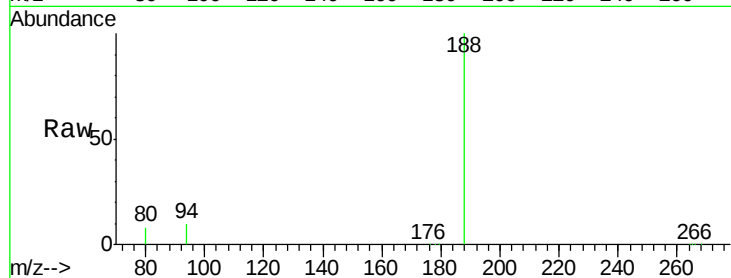
Tgt Ion:178 Resp: 806

Ion Ratio Lower Upper

178 100

176 15.6 13.0 19.4

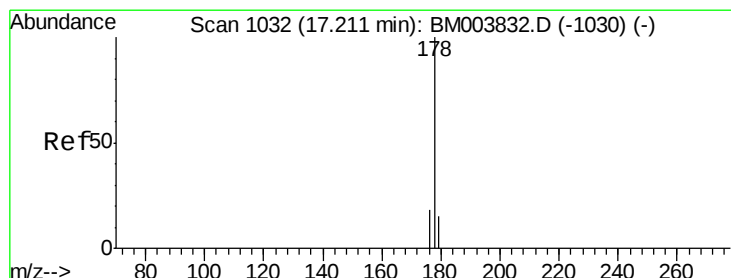
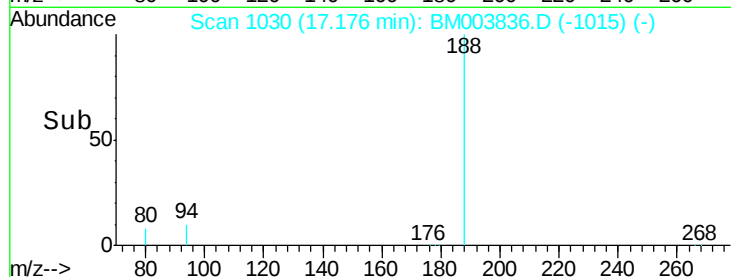
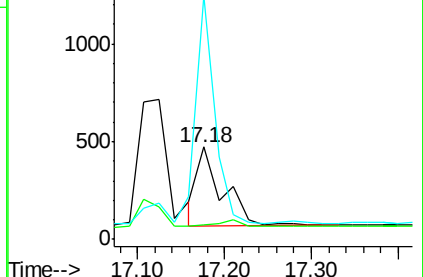
179 263.2 14.2 21.2#



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: BM003836.D

Acq: 28 Dec 2015 19:46

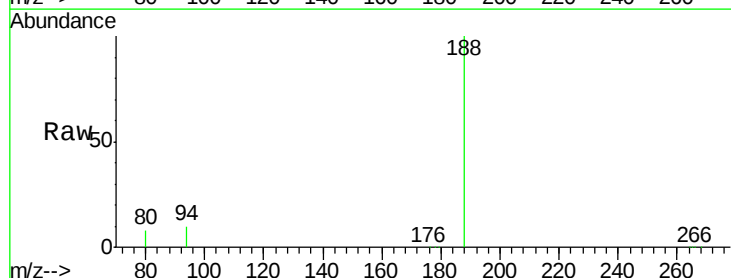
Tgt Ion:178 Resp: 796

Ion Ratio Lower Upper

178 100

176 15.6 14.0 21.0

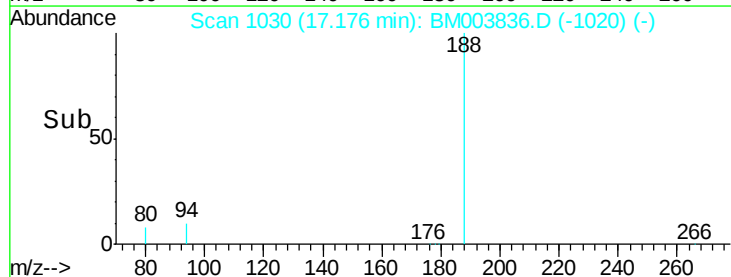
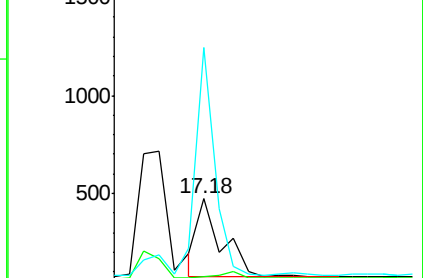
179 263.2 12.9 19.3#

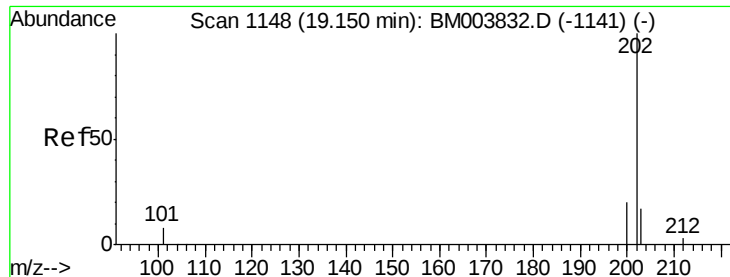


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

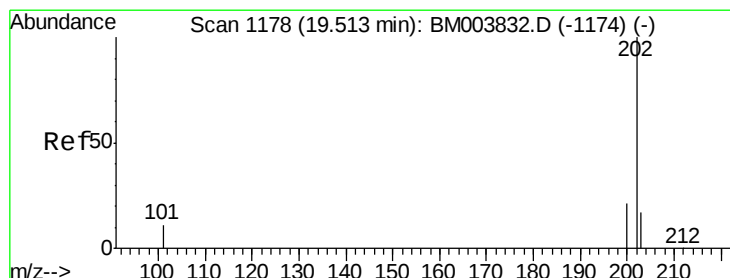
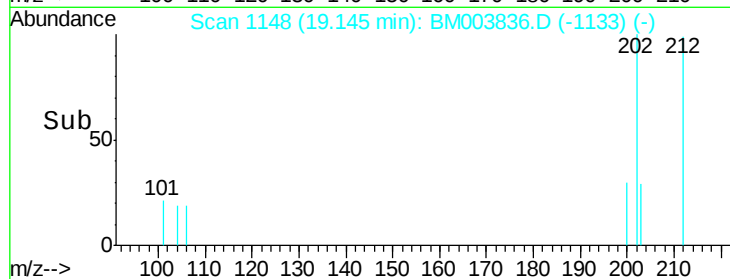
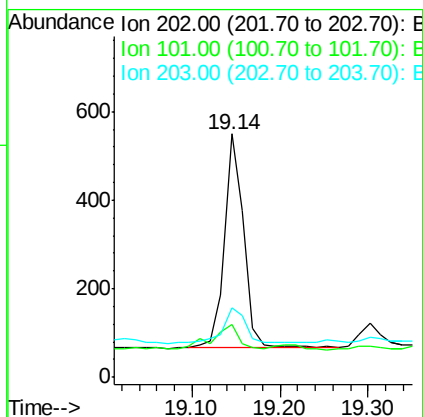
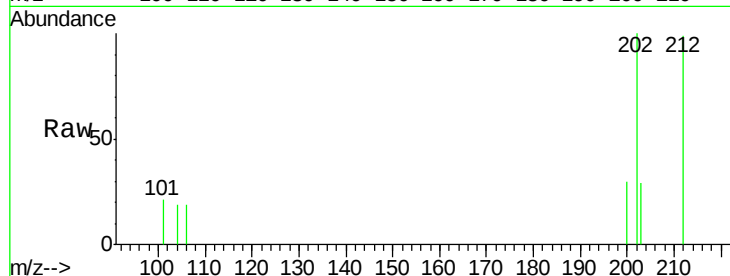




#17
Fluoranthene
 Concen: 0.00 ng/ul
 RT: 19.14 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BM003836.D
 Acq: 28 Dec 2015 19:46

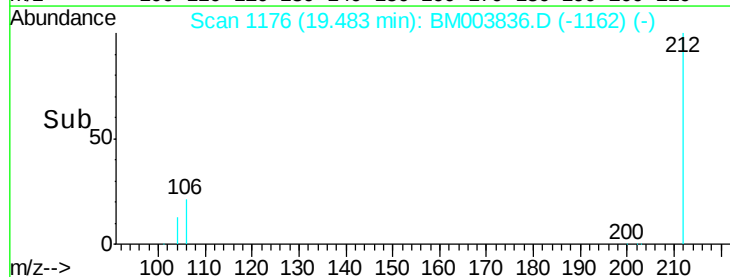
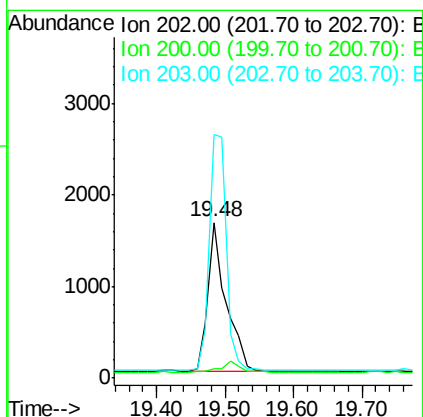
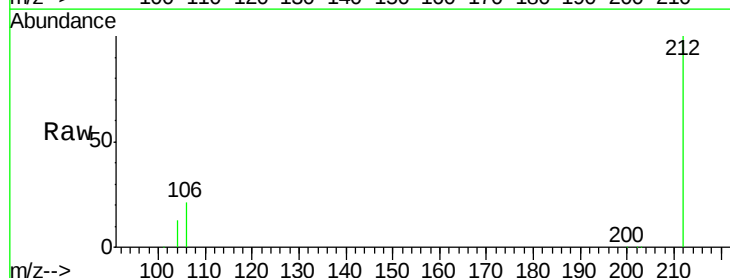
Instrument :
 BNA_G
 ClientSampleId :
 D9N26

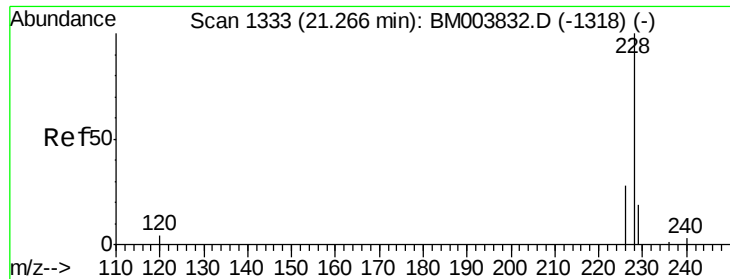
Tgt Ion:202 Resp: 733
 Ion Ratio Lower Upper
 202 100
 101 21.5 0.0 29.6
 203 28.5 0.0 36.3



#19
Pyrene
 Concen: 0.06 ng/ul
 RT: 19.48 min Scan# 1176
 Delta R.T. -0.03 min
 Lab File: BM003836.D
 Acq: 28 Dec 2015 19:46

Tgt Ion:202 Resp: 3027
 Ion Ratio Lower Upper
 202 100
 200 6.3 17.8 26.8#
 203 156.3 12.8 19.2#





#20

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.27 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BM003836.D

Acq: 28 Dec 2015 19:46

Instrument :

BNA_G

ClientSampleId :

D9N26

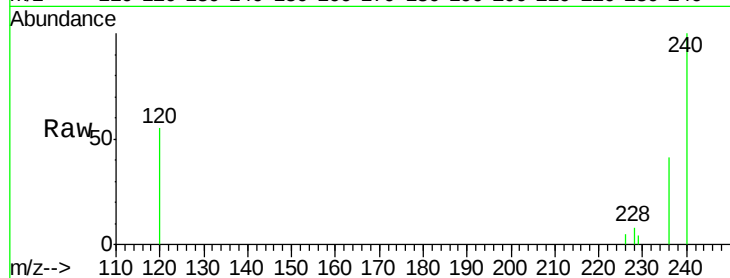
Tgt Ion:228 Resp: 365

Ion Ratio Lower Upper

228 100

226 61.3 18.8 28.2#

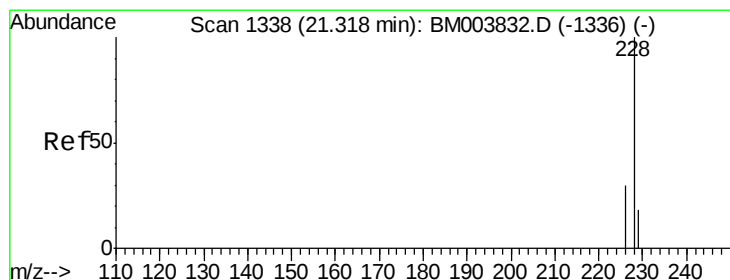
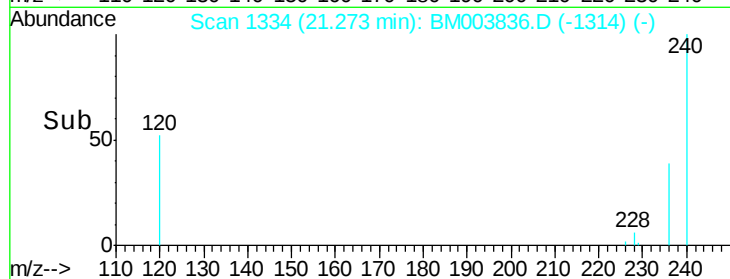
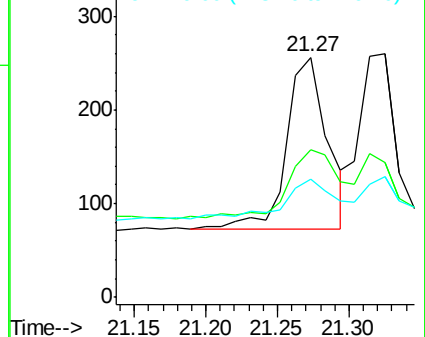
229 49.2 17.1 25.7#



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



#21

Chrysene

Concen: 0.01 ng/ul

RT: 21.32 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BM003836.D

Acq: 28 Dec 2015 19:46

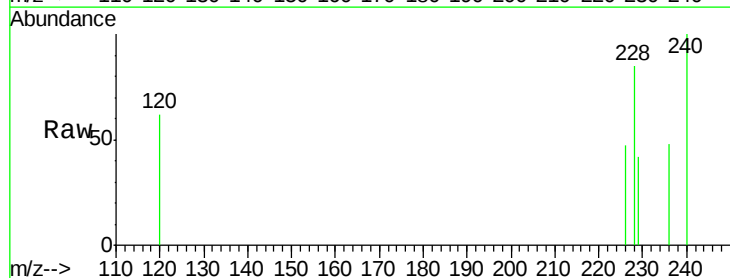
Tgt Ion:228 Resp: 319

Ion Ratio Lower Upper

228 100

226 55.4 21.2 31.8#

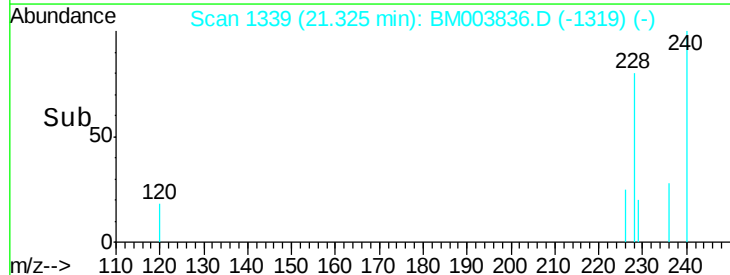
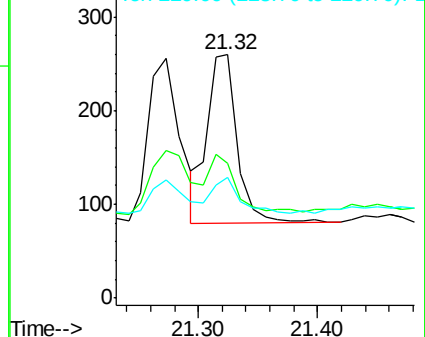
229 49.6 17.0 25.6#

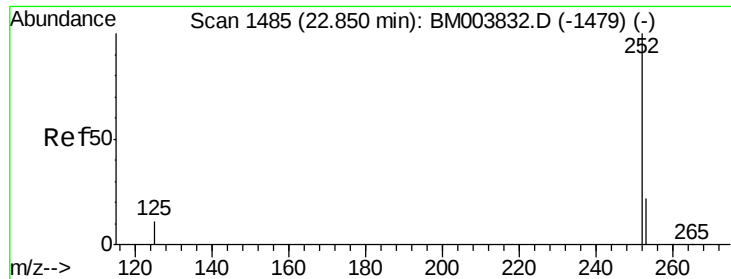


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 22.78 min Scan# 1479

Delta R.T. -0.07 min

Lab File: BM003836.D

Acq: 28 Dec 2015 19:46

Instrument :

BNA_G

ClientSampleId :

D9N26

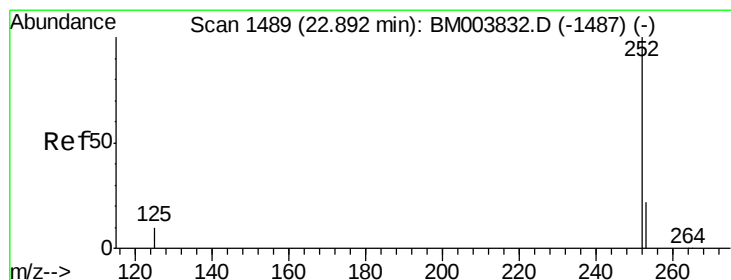
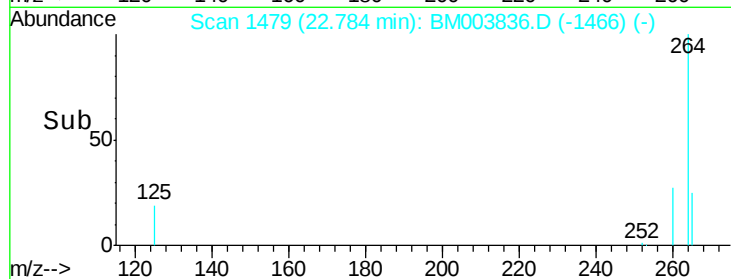
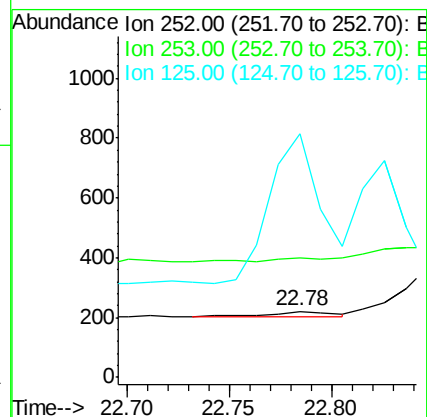
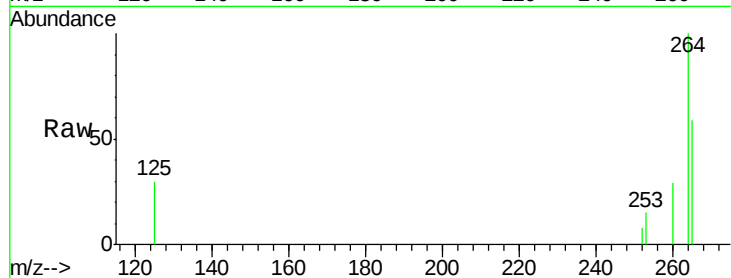
Tgt Ion:252 Resp: 44

Ion Ratio Lower Upper

252 100

253 180.5 0.0 45.4#

125 368.3 0.0 28.8#



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/u1

RT: 22.78 min Scan# 1479

Delta R.T. -0.11 min

Lab File: BM003836.D

Acq: 28 Dec 2015 19:46

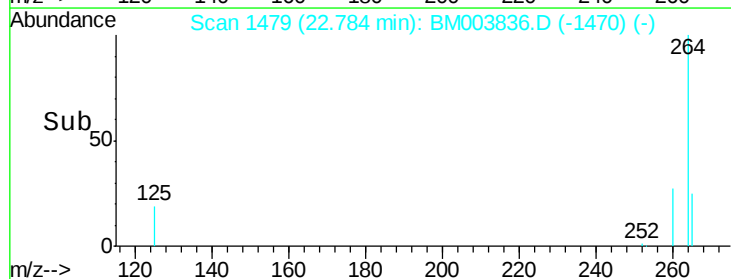
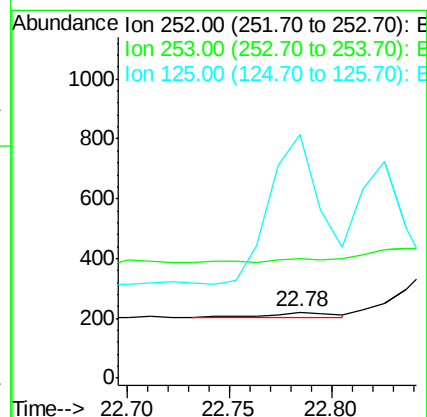
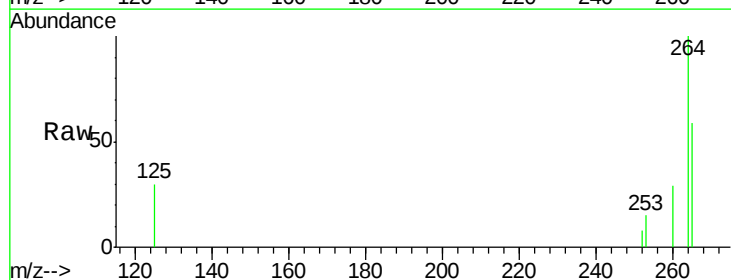
Tgt Ion:252 Resp: 44

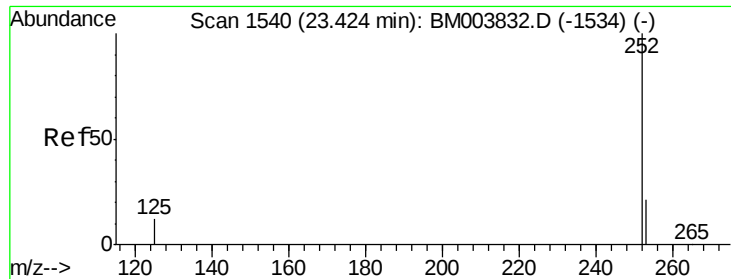
Ion Ratio Lower Upper

252 100

253 180.5 19.8 29.8#

125 368.3 10.4 15.6#





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.38 min Scan# 1536

Delta R.T. -0.05 min

Lab File: BM003836.D

Acq: 28 Dec 2015 19:46

Instrument :

BNA_G

ClientSampleId :

D9N26

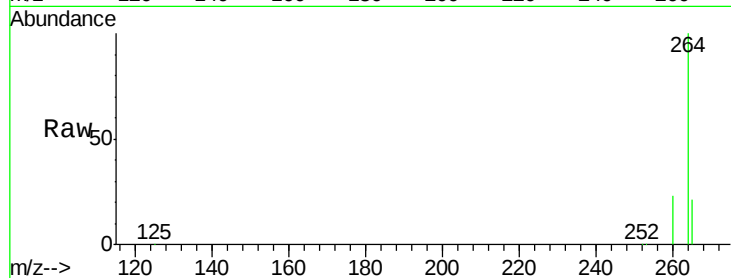
Tgt Ion:252 Resp: 4091

Ion Ratio Lower Upper

252 100

253 42.1 19.4 29.2#

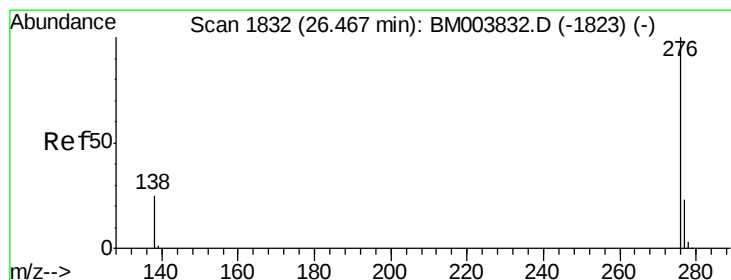
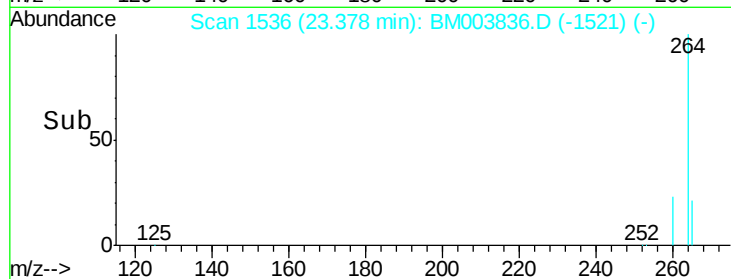
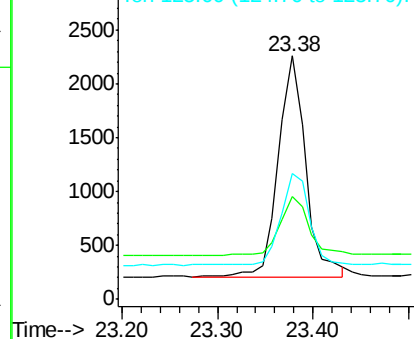
125 51.6 12.7 19.1#



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: 26.28 min Scan# 1814

Delta R.T. -0.19 min

Lab File: BM003836.D

Acq: 28 Dec 2015 19:46

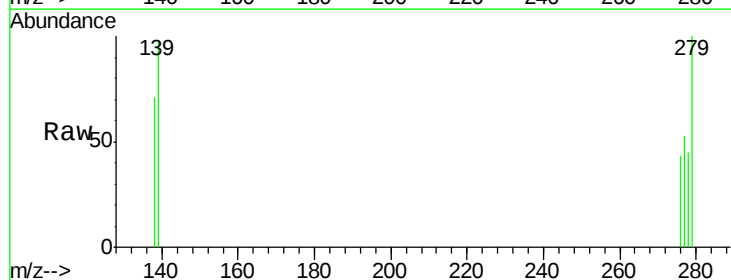
Tgt Ion:276 Resp: 4

Ion Ratio Lower Upper

276 100

277 124.0 18.9 28.3#

138 165.3 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

