

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003834.D
 Acq On : 28 Dec 2015 18:34
 Operator : SJ/UM
 Sample : PB87394BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK94

Quant Time: Dec 29 07:12:47 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	4437	0.40	ng/ul	0.00
4) Naphthalene-d8	10.48	136	18882	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.33	164	10160	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.18	188	1210519	0.40	ng/ul	0.10
18) Chrysene-d12	21.29	240	12583	0.40	ng/ul	0.00
22) Perylene-d12	23.38	264	1003074	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.14	96	25828	13.62	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	12.07	152	8685	0.38	ng/ul	0.00
16) Fluoranthene-d10	19.13	212	12670	0.00	ng/ul	0.00

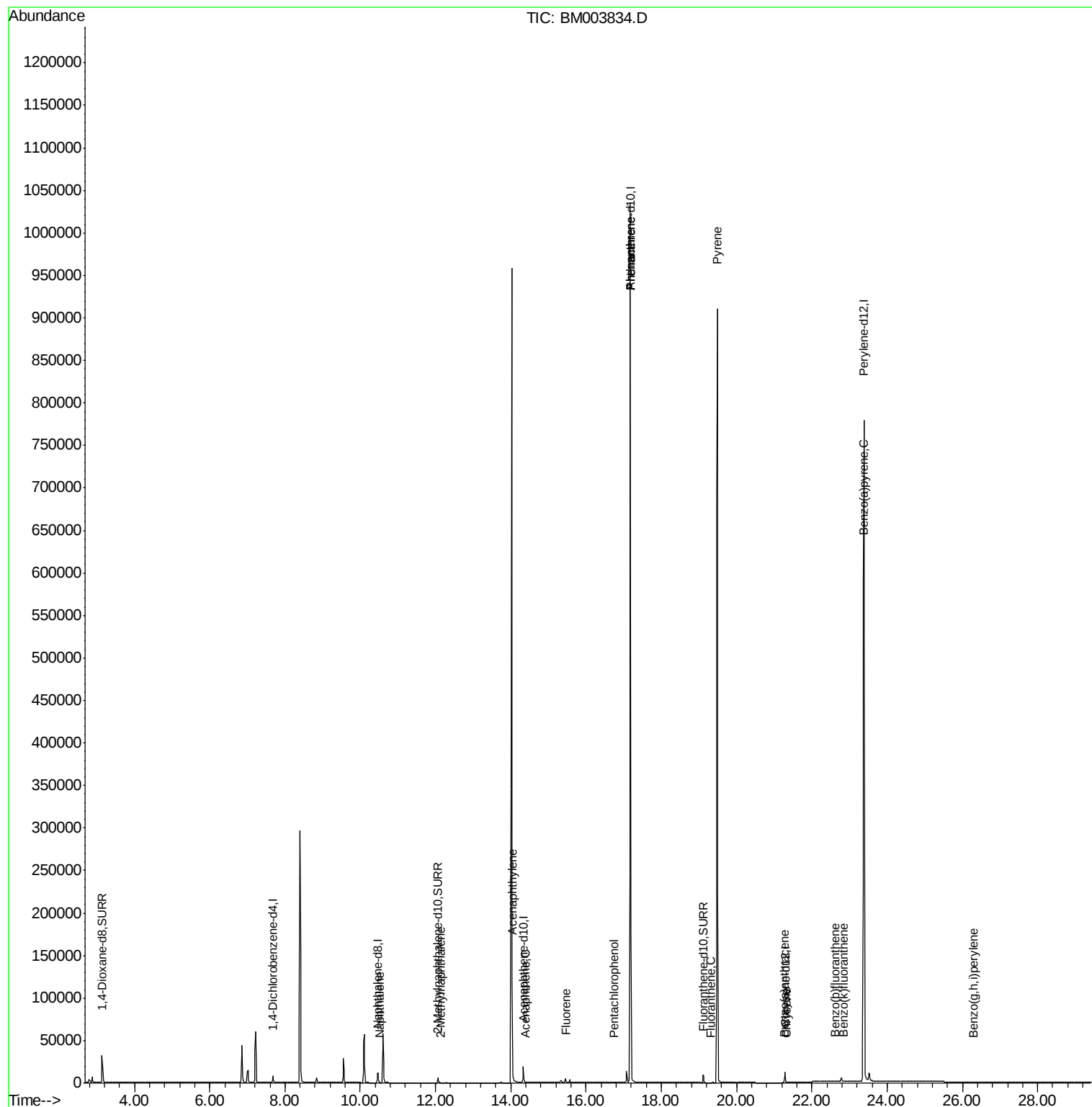
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	10.51	128	269	0.01	ng/ul#	27
7) 2-Methylnaphthalene	12.14	142	89	0.00	ng/ul	88
9) Acenaphthylene	14.04	152	501	0.01	ng/ul#	51
10) Acenaphthene	14.38	153	163	0.01	ng/ul#	83
11) Fluorene	15.46	166	87	0.00	ng/ul#	1
13) Pentachlorophenol	16.75	266	9	0.00	ng/ul#	43
14) Phenanthrene	17.18	178	686	0.00	ng/ul#	1
15) Anthracene	17.18	178	674	0.00	ng/ul#	1
17) Fluoranthene	19.31	202	142	0.00	ng/ul#	1
19) Pyrene	19.49	202	1876	0.06	ng/ul#	1
20) Benzo(a)anthracene	21.27	228	259	0.01	ng/ul#	5
21) Chrysene	21.32	228	177	0.01	ng/ul#	17
23) Benzo(b)fluoranthene	22.61	252	39	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.85	252	292	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.37	252	3915	0.00	ng/ul#	52
28) Benzo(g,h,i)perylene	26.30	276	4	0.00	ng/ul#	1

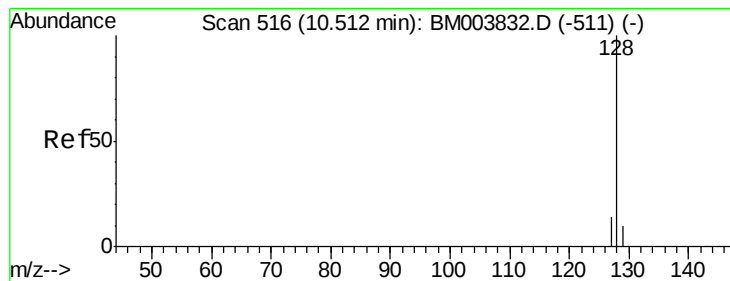
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Naphthalene

Concen: 0.01 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.00 min

Lab File: BM003834.D

Acq: 28 Dec 2015 18:34

Instrument :

BNA_G

ClientSampleId :

SBLK94

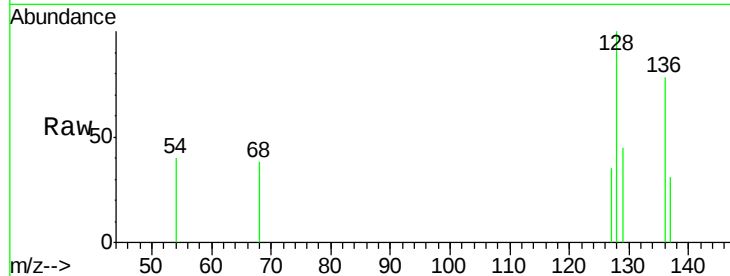
Tgt Ion:128 Resp: 269

Ion Ratio Lower Upper

128 100

129 44.6 9.0 13.6#

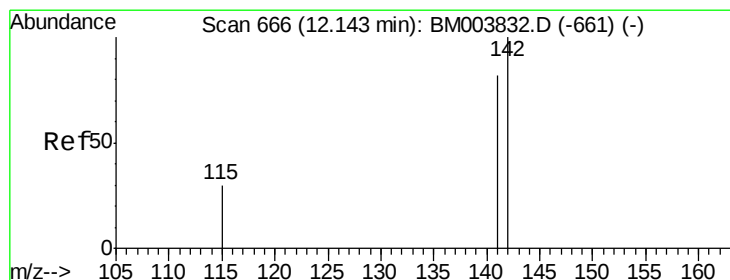
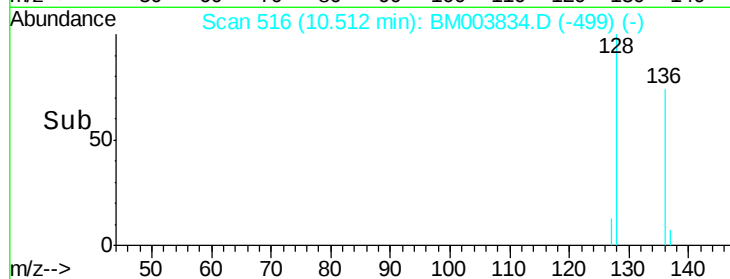
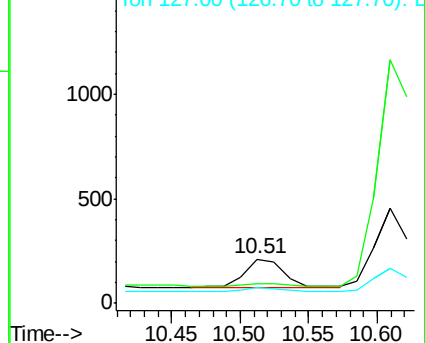
127 35.2 9.6 14.4#



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: 0.00 ng/ul

RT: 12.14 min Scan# 666

Delta R.T. -0.00 min

Lab File: BM003834.D

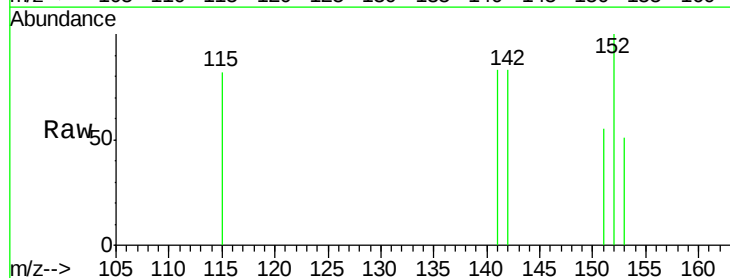
Acq: 28 Dec 2015 18:34

Tgt Ion:142 Resp: 89

Ion Ratio Lower Upper

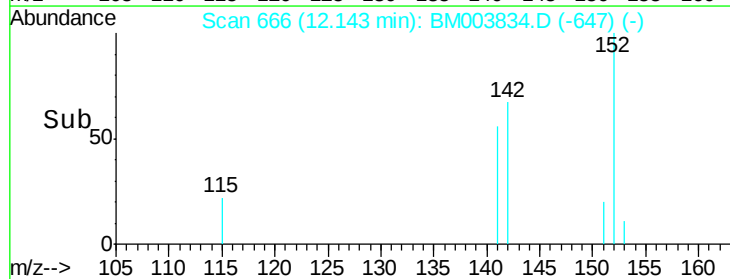
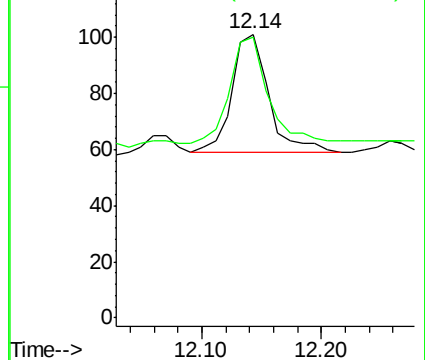
142 100

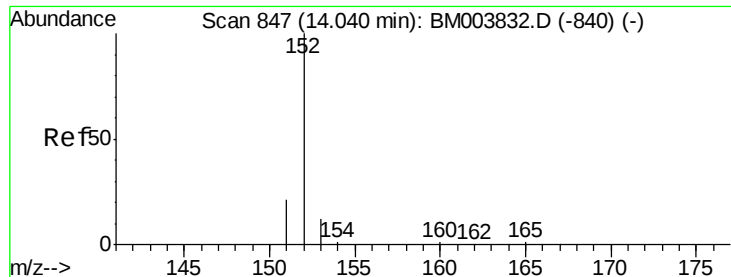
141 98.9 70.3 105.5



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: BM003834.D

Acq: 28 Dec 2015 18:34

Instrument :

BNA_G

ClientSampleId :

SBLK94

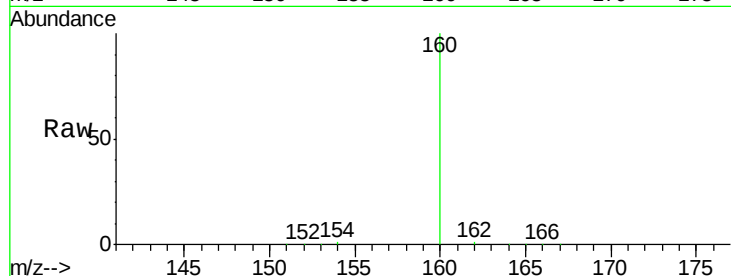
Tgt Ion:152 Resp: 501

Ion Ratio Lower Upper

152 100

151 39.8 17.6 26.4#

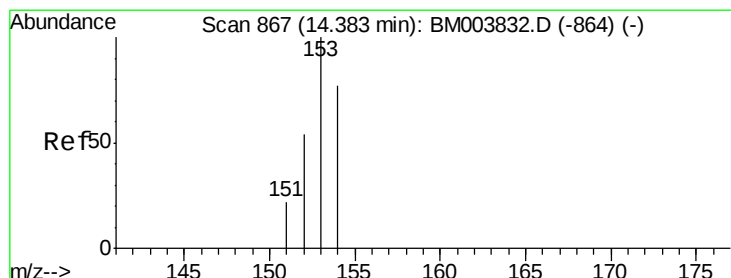
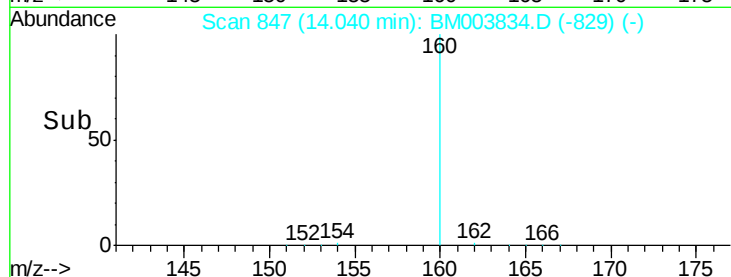
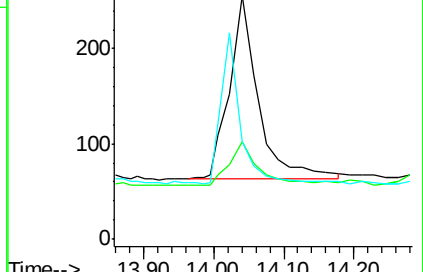
153 39.8 9.7 14.5#



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



#10

Acenaphthene

Concen: 0.01 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM003834.D

Acq: 28 Dec 2015 18:34

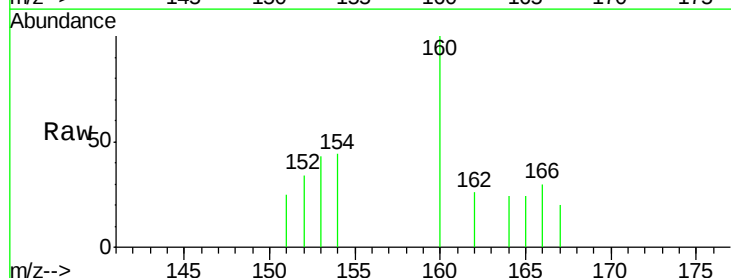
Tgt Ion:153 Resp: 163

Ion Ratio Lower Upper

153 100

152 78.6 33.9 50.9#

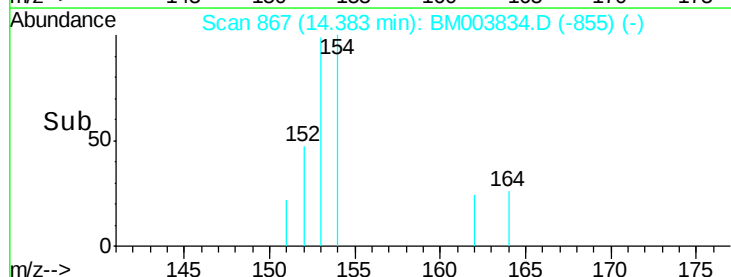
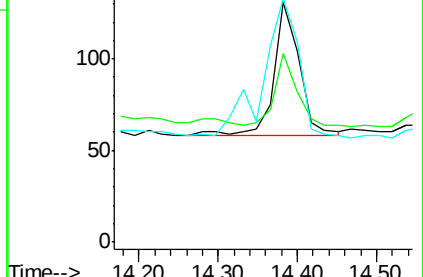
154 101.5 80.6 121.0

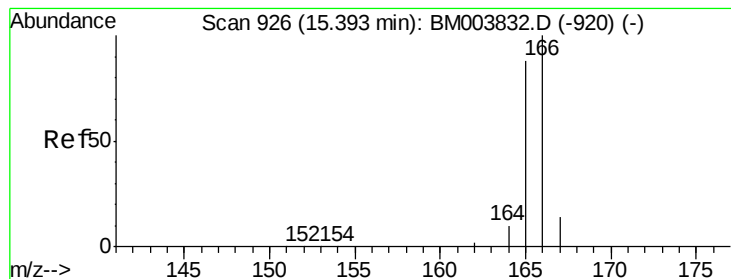


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.00 ng/ul

RT: 15.46 min Scan# 930

Delta R.T. 0.07 min

Lab File: BM003834.D

Acq: 28 Dec 2015 18:34

Instrument :

BNA_G

ClientSampleId :

SBLK94

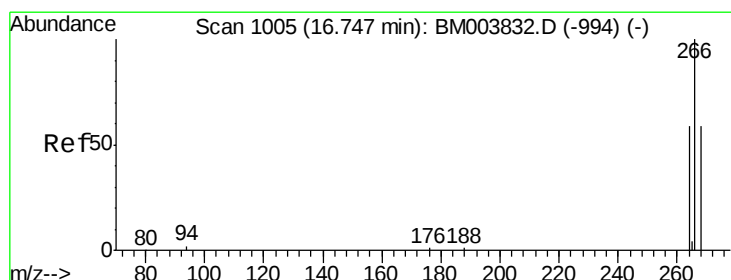
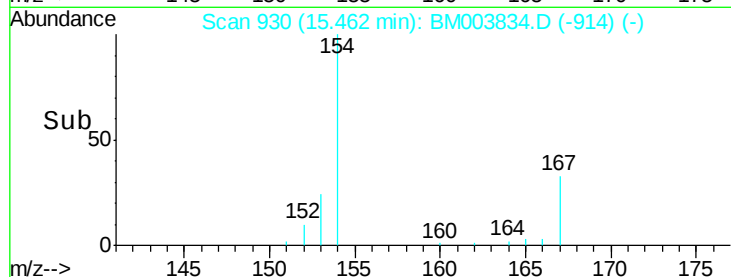
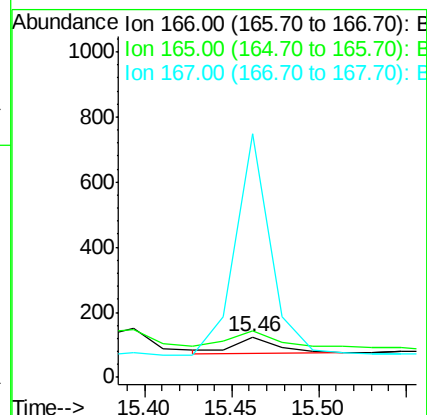
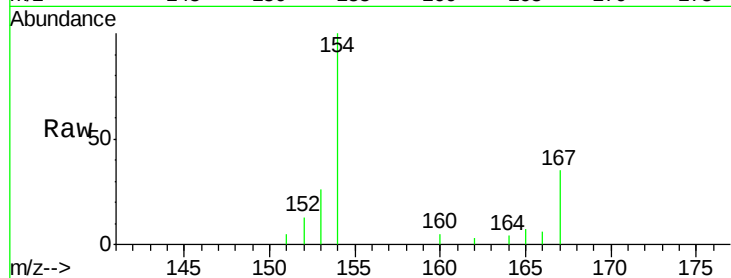
Tgt Ion:166 Resp: 87

Ion Ratio Lower Upper

166 100

165 115.3 69.6 104.4#

167 603.2 11.9 17.9#



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.75 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BM003834.D

Acq: 28 Dec 2015 18:34

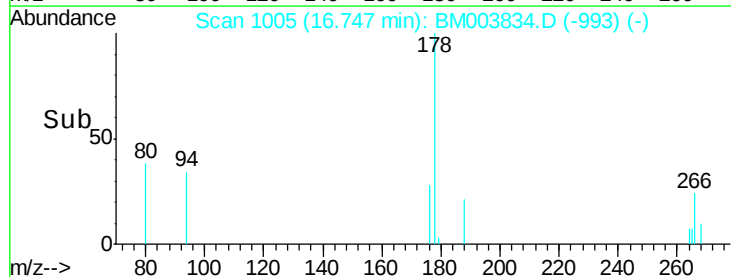
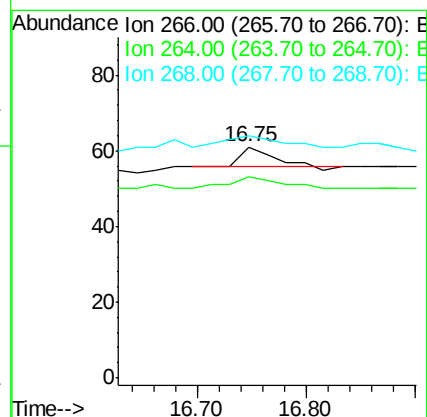
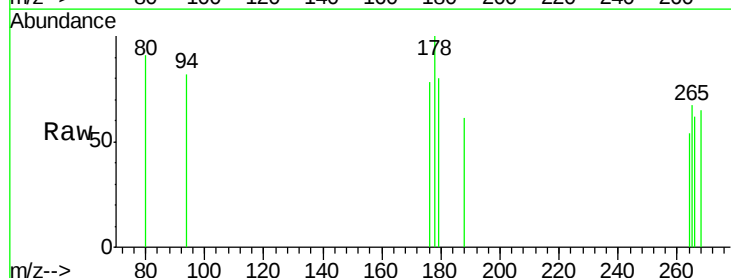
Tgt Ion:266 Resp: 9

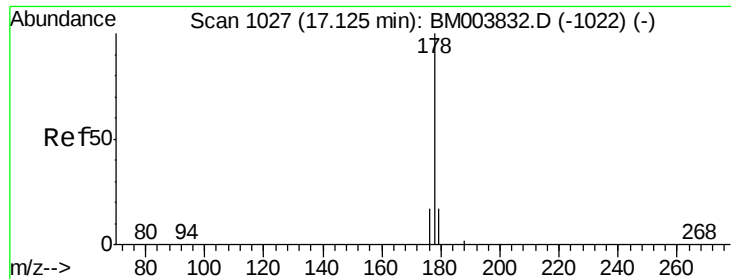
Ion Ratio Lower Upper

266 100

264 100.0 51.8 77.8#

268 111.1 46.8 70.2#





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.18 min Scan# 1030

Delta R.T. 0.05 min

Lab File: BM003834.D

Acq: 28 Dec 2015 18:34

Instrument :

BNA_G

ClientSampleId :

SBLK94

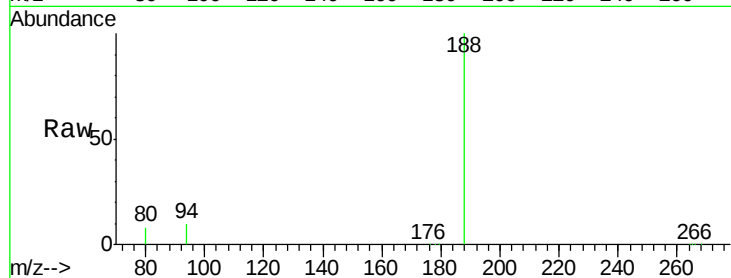
Tgt Ion:178 Resp: 686

Ion Ratio Lower Upper

178 100

176 17.3 13.0 19.4

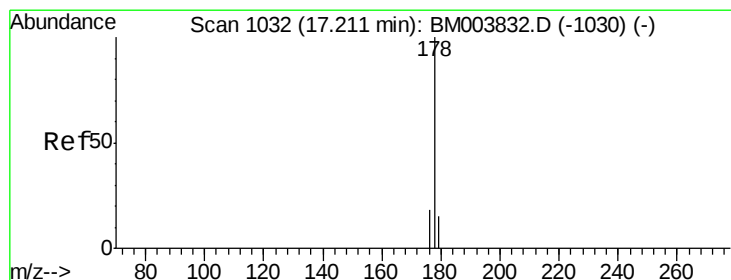
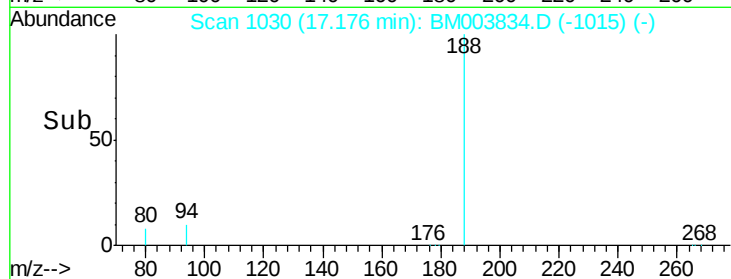
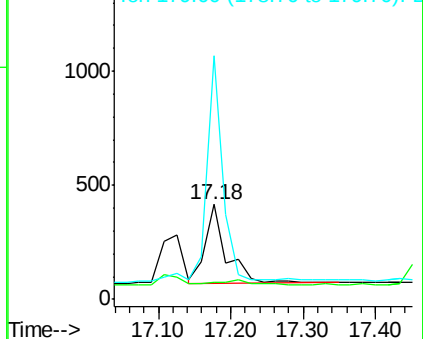
179 257.1 14.2 21.2#



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: BM003834.D

Acq: 28 Dec 2015 18:34

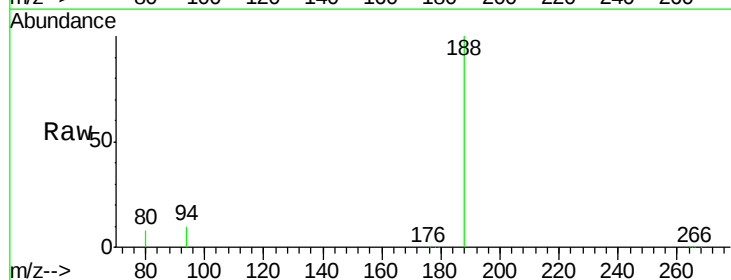
Tgt Ion:178 Resp: 674

Ion Ratio Lower Upper

178 100

176 17.3 14.0 21.0

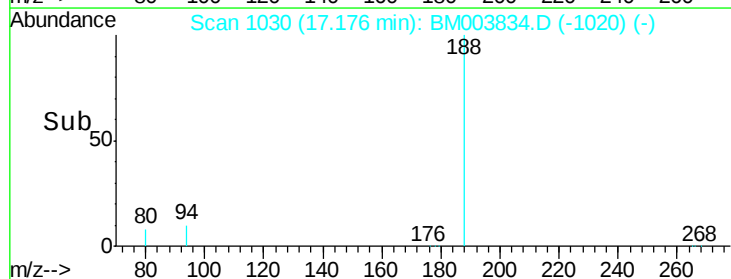
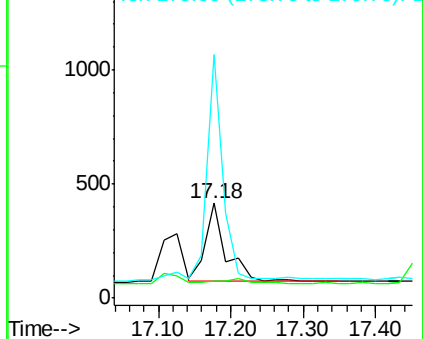
179 257.1 12.9 19.3#

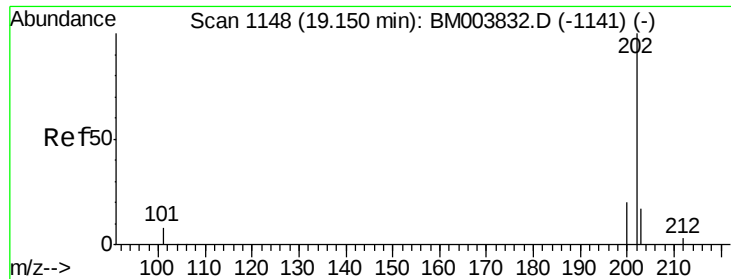


Abundance Ion 178.00 (177.70 to 178.70): E

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: 19.31 min Scan# 1161

Delta R.T. 0.16 min

Lab File: BM003834.D

Acq: 28 Dec 2015 18:34

Instrument :

BNA_G

ClientSampleId :

SBLK94

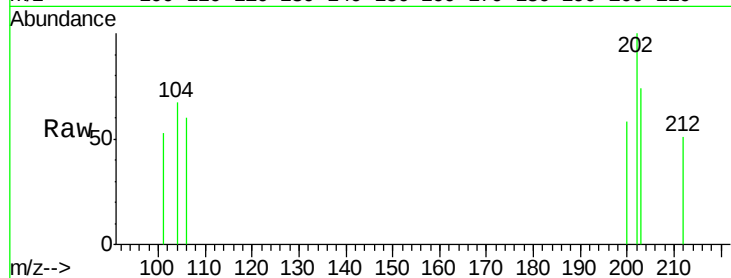
Tgt Ion:202 Resp: 142

Ion Ratio Lower Upper

202 100

101 53.0 0.0 29.6#

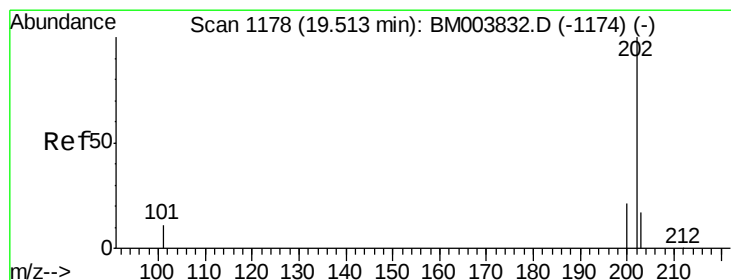
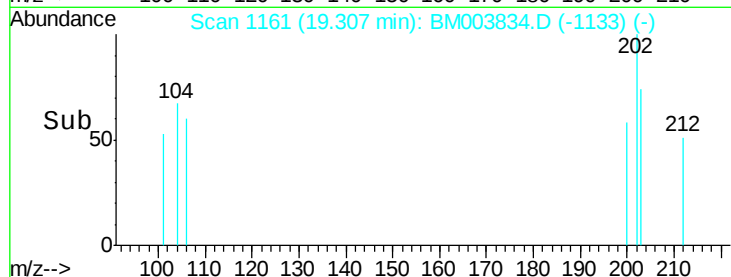
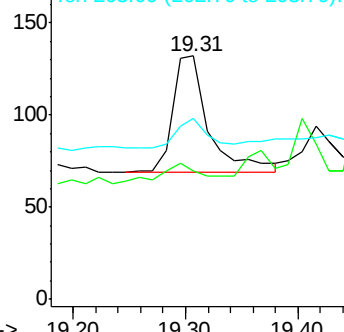
203 74.2 0.0 36.3#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#19

Pyrene

Concen: 0.06 ng/ul

RT: 19.49 min Scan# 1176

Delta R.T. -0.02 min

Lab File: BM003834.D

Acq: 28 Dec 2015 18:34

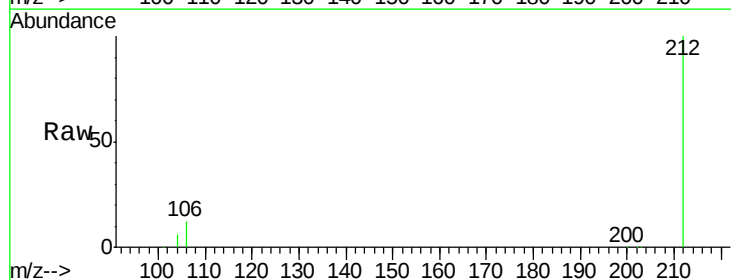
Tgt Ion:202 Resp: 1876

Ion Ratio Lower Upper

202 100

200 8.3 17.8 26.8#

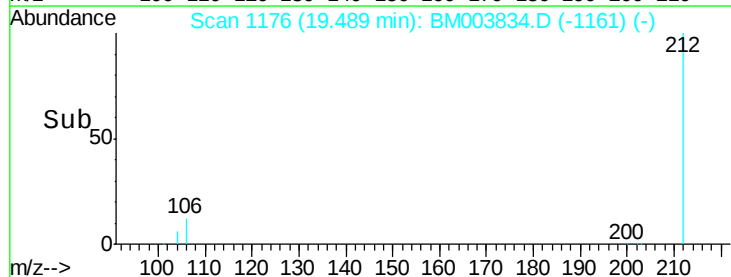
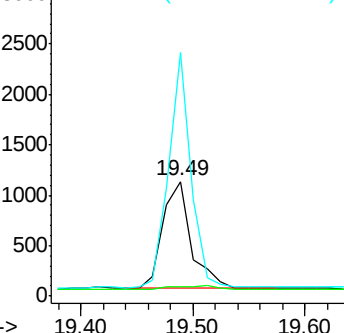
203 211.8 12.8 19.2#

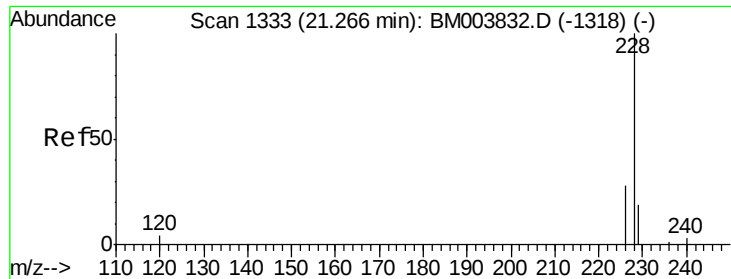


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.27 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BM003834.D

Acq: 28 Dec 2015 18:34

Instrument :

BNA_G

ClientSampleId :

SBLK94

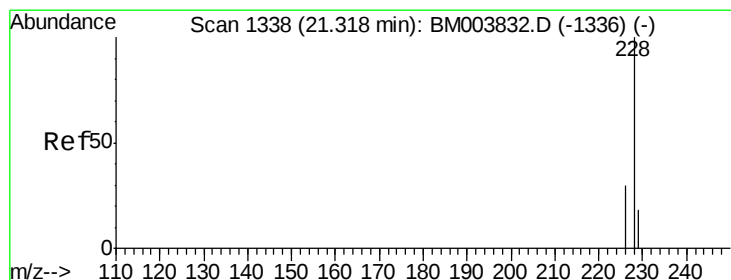
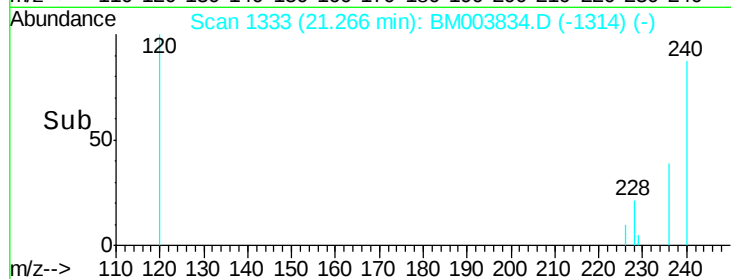
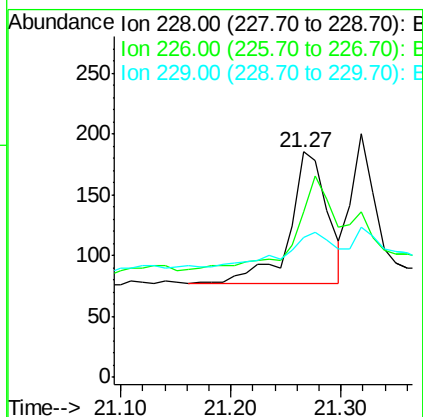
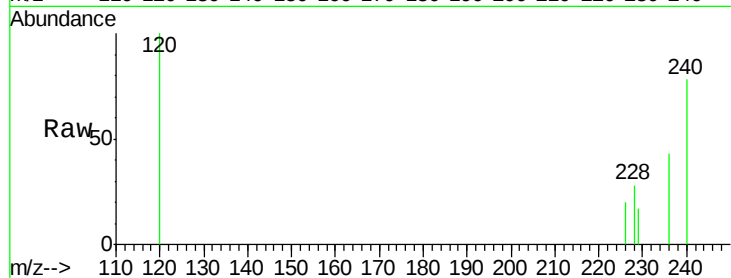
Tgt Ion:228 Resp: 259

Ion Ratio Lower Upper

228 100

226 73.5 18.8 28.2#

229 62.2 17.1 25.7#



#21

Chrysene

Concen: 0.01 ng/ul

RT: 21.32 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BM003834.D

Acq: 28 Dec 2015 18:34

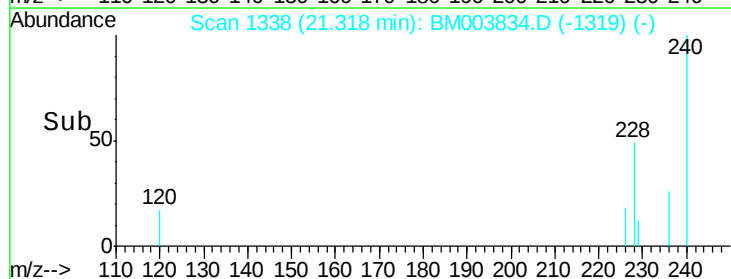
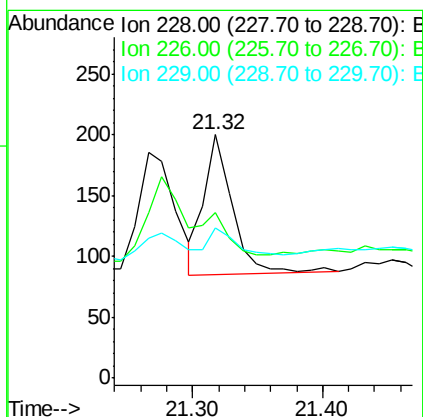
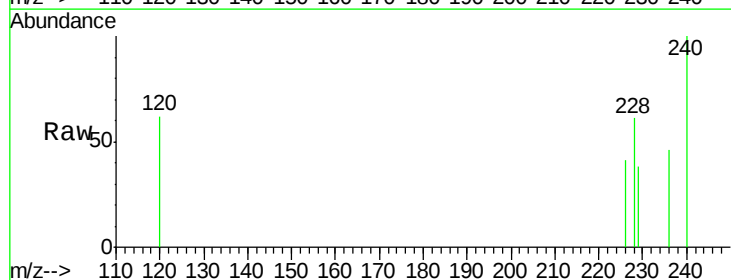
Tgt Ion:228 Resp: 177

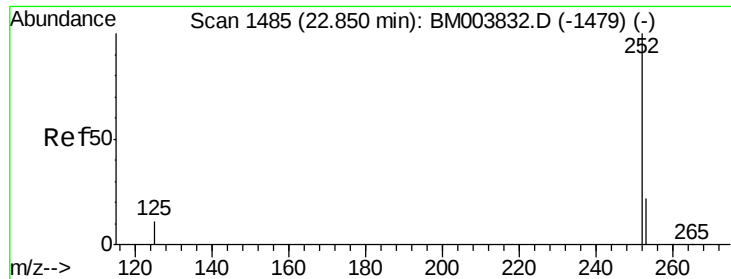
Ion Ratio Lower Upper

228 100

226 68.0 21.2 31.8#

229 61.5 17.0 25.6#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.61 min Scan# 1462

Delta R.T. -0.24 min

Lab File: BM003834.D

Acq: 28 Dec 2015 18:34

Instrument :

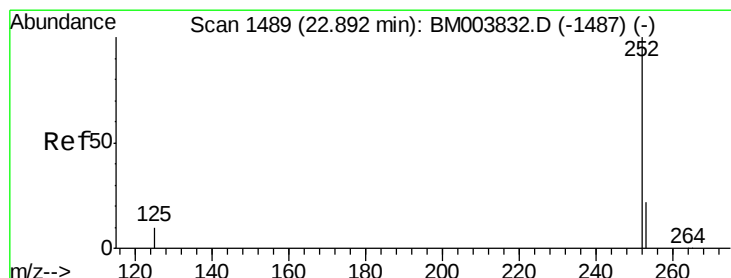
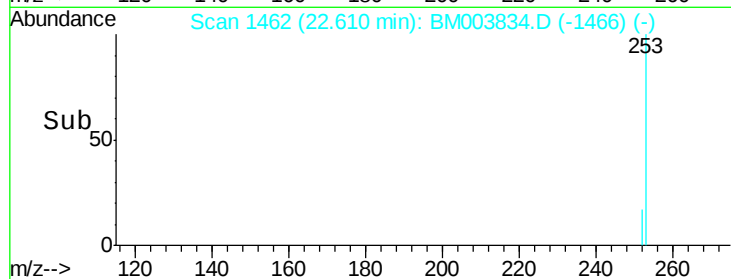
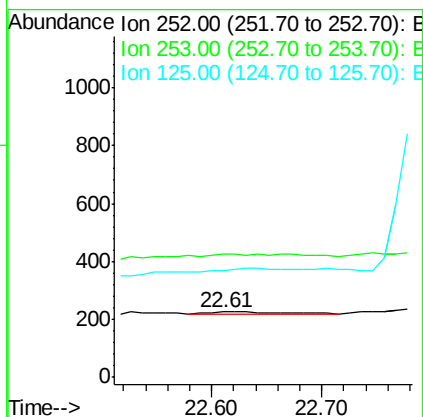
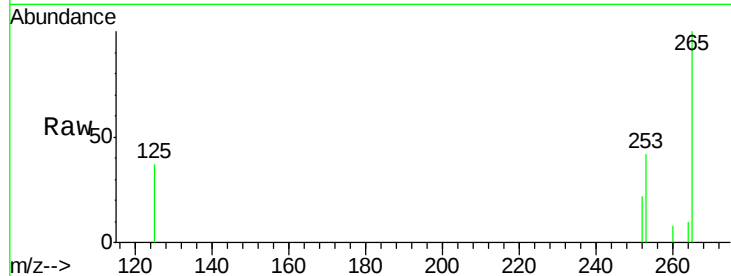
BNA_G

ClientSampleId :

SBLK94

Tgt Ion: 252 Resp: 39

Ion	Ratio	Lower	Upper
252	100		
253	189.3	0.0	45.4#
125	164.4	0.0	28.8#



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 22.85 min Scan# 1485

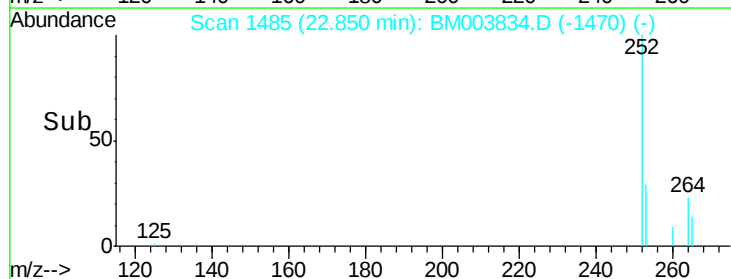
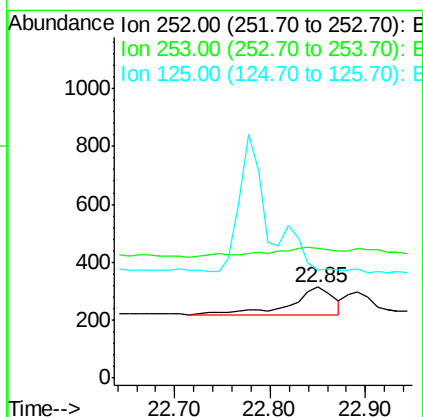
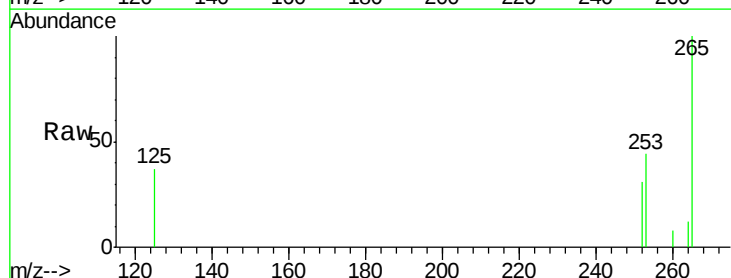
Delta R.T. -0.04 min

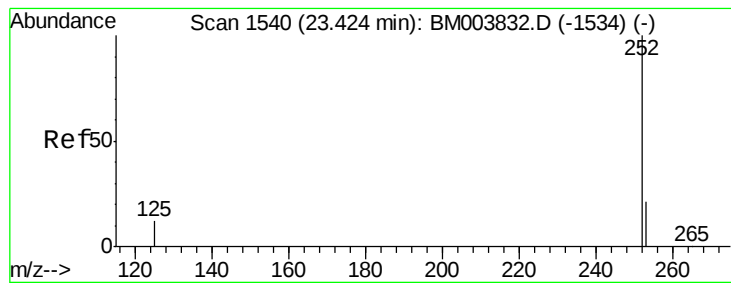
Lab File: BM003834.D

Acq: 28 Dec 2015 18:34

Tgt Ion: 252 Resp: 292

Ion	Ratio	Lower	Upper
252	100		
253	142.9	19.8	29.8#
125	118.4	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: BM003834.D

Acq: 28 Dec 2015 18:34

Instrument :

BNA_G

ClientSampled :

SBLK94

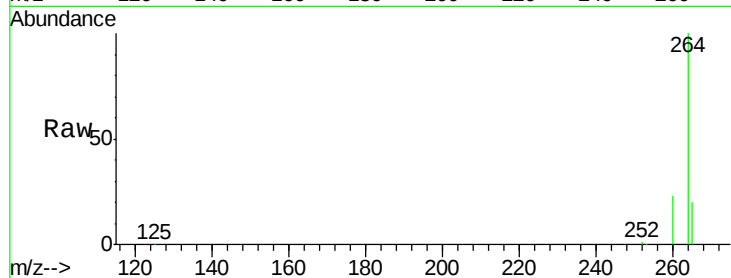
Tgt Ion: 252 Resp: 3915

Ion Ratio Lower Upper

252 100

253 42.0 19.4 29.2#

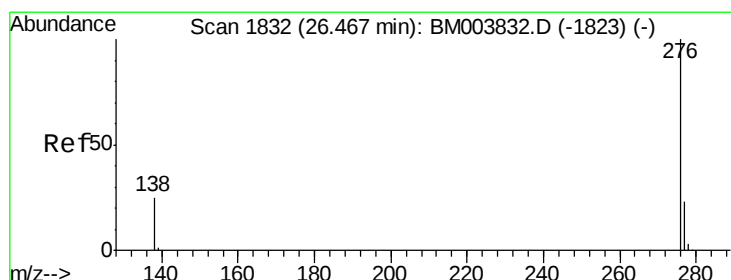
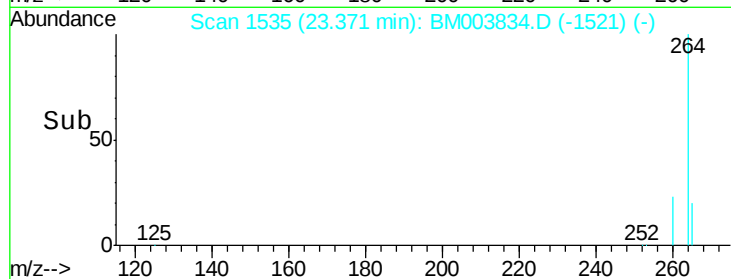
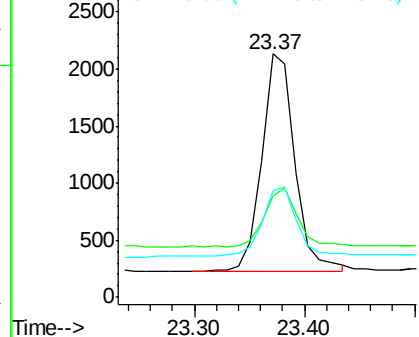
125 43.9 12.7 19.1#



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: 26.30 min Scan# 1816

Delta R.T. -0.17 min

Lab File: BM003834.D

Acq: 28 Dec 2015 18:34

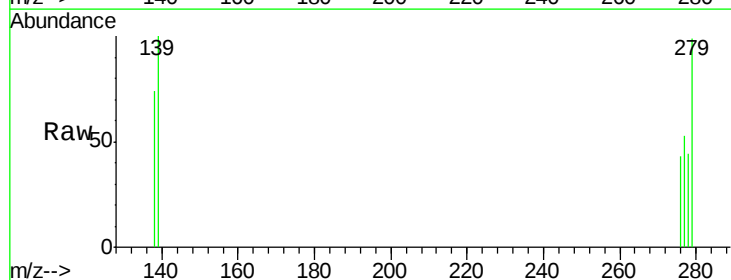
Tgt Ion: 276 Resp: 4

Ion Ratio Lower Upper

276 100

277 122.9 18.9 28.3#

138 171.1 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

