

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021215\
 Data File : BM000508.D
 Acq On : 12 Feb 2015 18:27
 Operator : TP/IZ
 Sample : G1249-23
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FN6

Quant Time: Feb 13 00:07:15 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 12 16:45:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	3562	0.40	ng/ul	0.00
2) Naphthalene-d8	10.49	136	12052	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	7275	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.19	188	1174034	0.40	ng/ul	0.11
16) Chrysene-d12	21.28	240	12385	0.40	ng/ul	-0.01
20) Perylene-d12	23.38	264	896237	0.40	ng/ul	-0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.09	152	6839	0.44	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

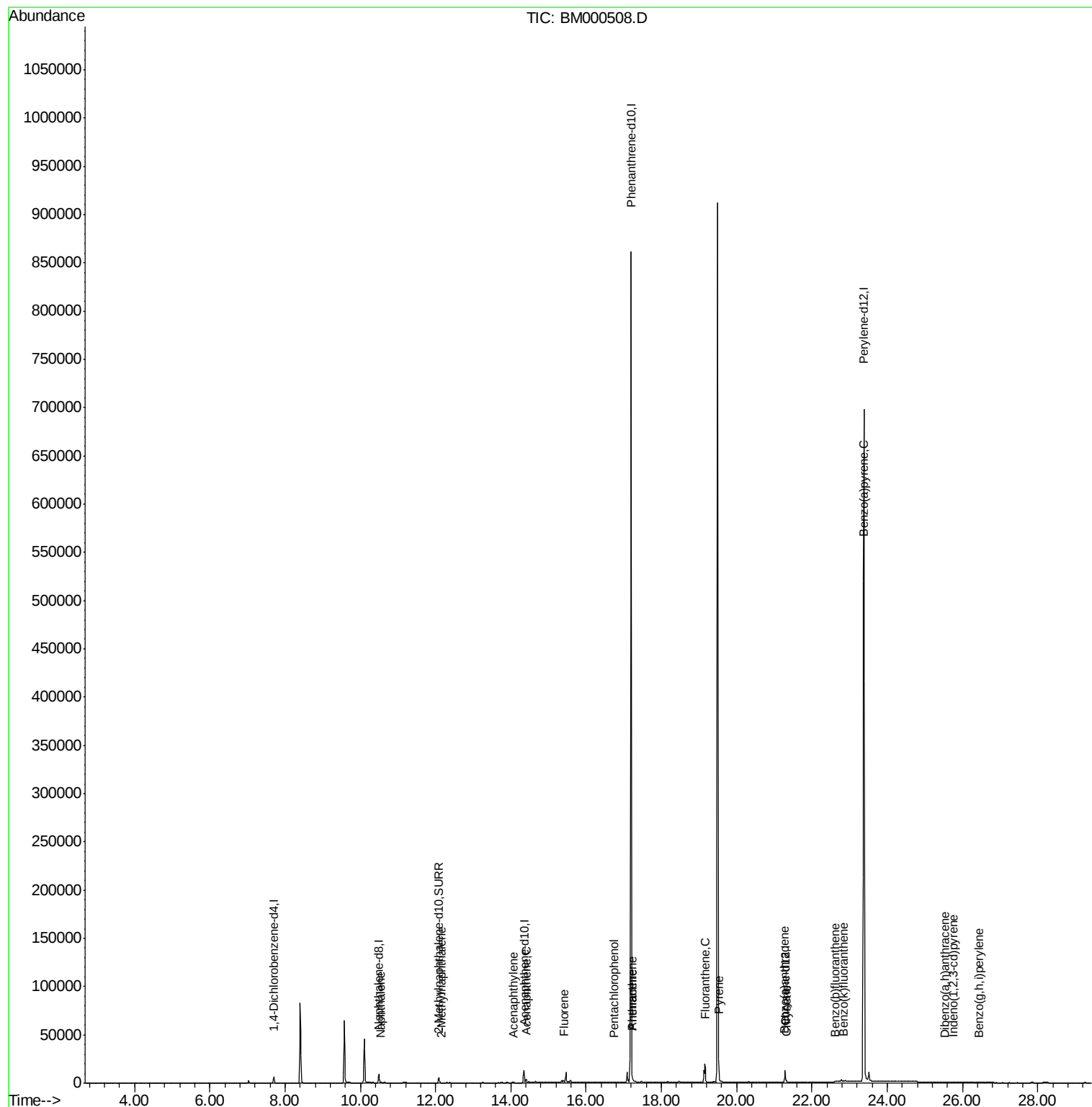
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.54	128	588	0.02	ng/ul#	55
5) 2-Methylnaphthalene	12.16	142	84	0.00	ng/ul	95
7) Acenaphthylene	14.07	152	432	0.02	ng/ul#	48
8) Acenaphthene	14.41	153	2438	0.12	ng/ul	97
9) Fluorene	15.40	166	1173	0.05	ng/ul#	95
11) Pentachlorophenol	16.75	266	316	0.00	ng/ul	98
12) Phenanthrene	17.23	178	3134	0.00	ng/ul#	86
13) Anthracene	17.23	178	3134	0.00	ng/ul#	85
15) Fluoranthene	19.15	202	19200	0.01	ng/ul	92
17) Pyrene	19.53	202	23928	0.54	ng/ul	98
18) Benzo(a)anthracene	21.27	228	2238	0.06	ng/ul#	87
19) Chrysene	21.32	228	2153	0.05	ng/ul#	85
21) Benzo(b)fluoranthene	22.61	252	435	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	22.83	252	1530	0.00	ng/ul#	34
23) Benzo(a)pyrene	23.37	252	5299	0.00	ng/ul#	47
24) Indeno(1,2,3-cd)pyrene	25.75	276	1290	0.00	ng/ul	97
25) Dibenzo(a,h)anthracene	25.52	278	71	0.00	ng/ul#	1
26) Benzo(g,h,i)perylene	26.44	276	1184	0.00	ng/ul#	74

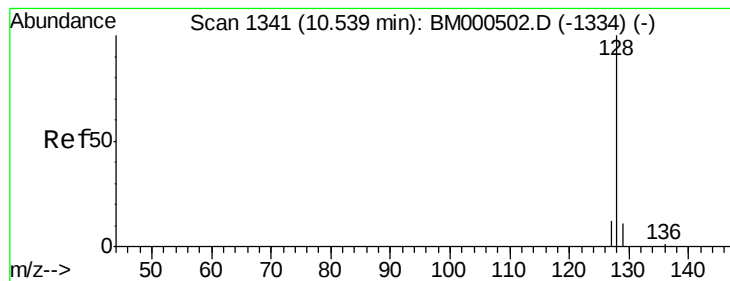
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021215\
Data File : BM000508.D
Acq On : 12 Feb 2015 18:27
Operator : TP/IZ
Sample : G1249-23
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4FN6

Quant Time: Feb 13 00:07:15 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 12 16:45:55 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.02 ng/ul

RT: 10.54 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BM000508.D

Acq: 12 Feb 2015 18:27

Instrument :

BNA_M

ClientSampleId :

A4FN6

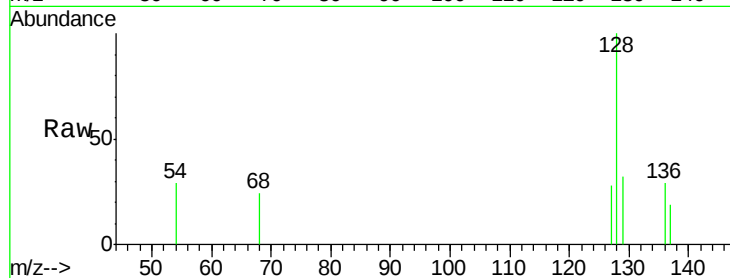
Tgt Ion:128 Resp: 588

Ion Ratio Lower Upper

128 100

129 32.2 9.5 14.3#

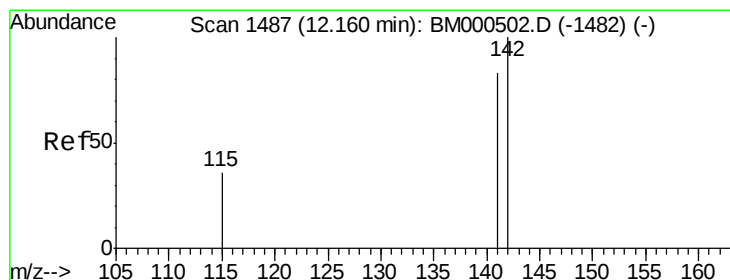
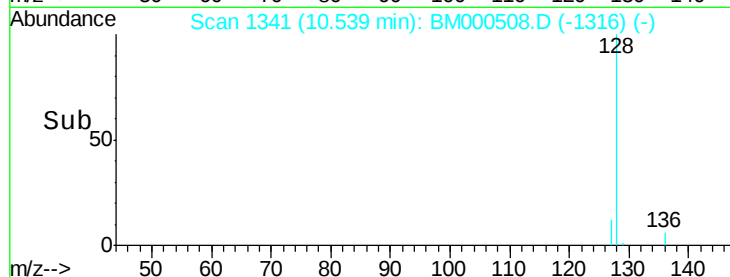
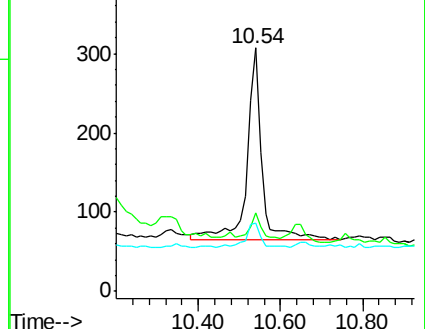
127 28.0 10.4 15.6#



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



#5

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.16 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BM000508.D

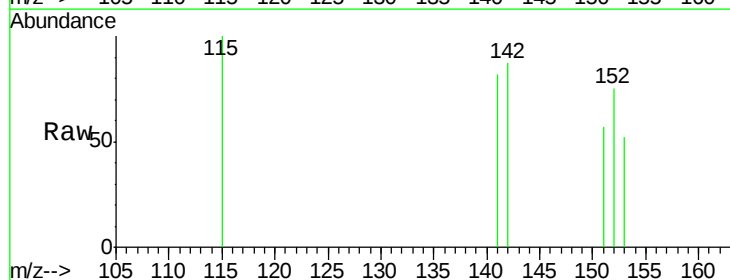
Acq: 12 Feb 2015 18:27

Tgt Ion:142 Resp: 84

Ion Ratio Lower Upper

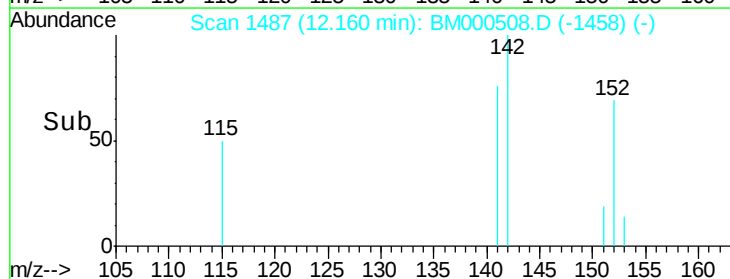
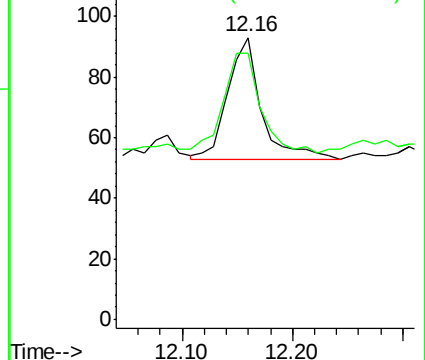
142 100

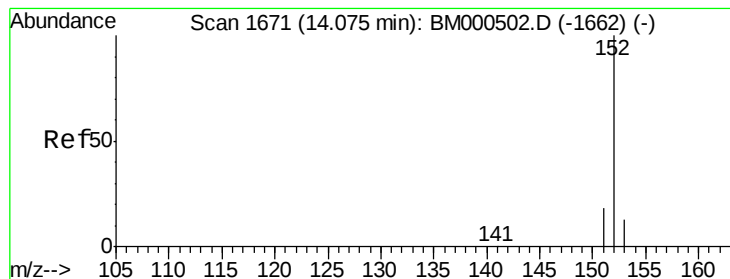
141 91.7 69.9 104.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.02 ng/ul

RT: 14.07 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BM000508.D

Acq: 12 Feb 2015 18:27

Instrument :

BNA_M

ClientSampleId :

A4FN6

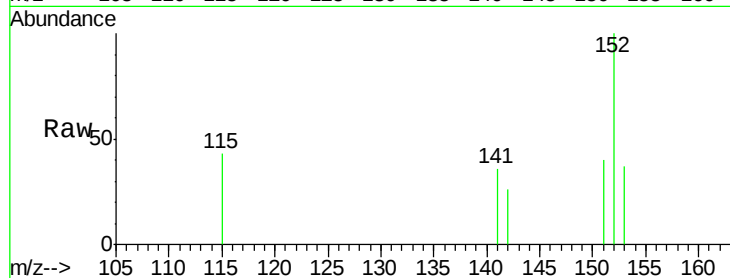
Tgt Ion:152 Resp: 432

Ion Ratio Lower Upper

152 100

151 40.3 15.0 22.6#

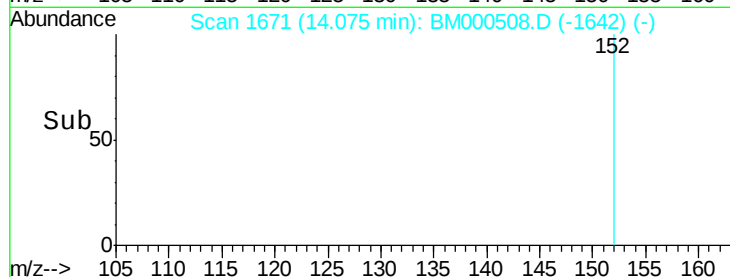
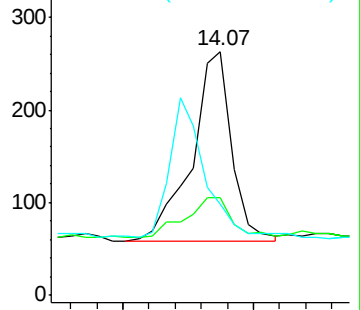
153 37.3 11.1 16.7#



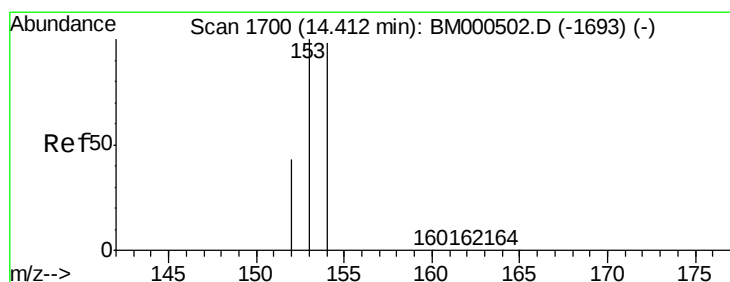
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.12 ng/ul

RT: 14.41 min Scan# 1700

Delta R.T. -0.00 min

Lab File: BM000508.D

Acq: 12 Feb 2015 18:27

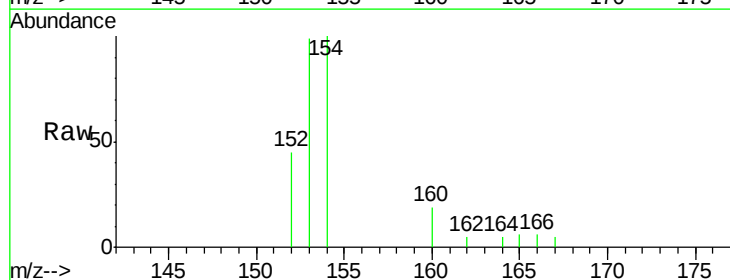
Tgt Ion:153 Resp: 2438

Ion Ratio Lower Upper

153 100

152 45.1 35.1 52.7

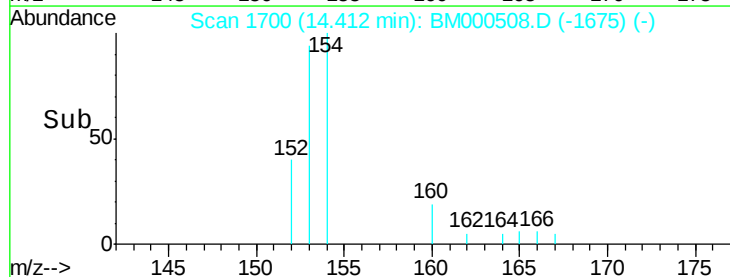
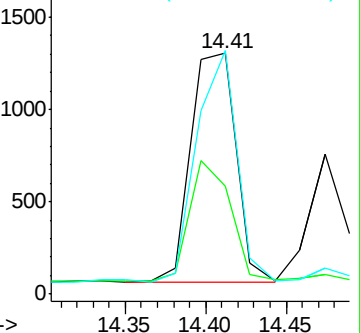
154 101.2 78.5 117.7



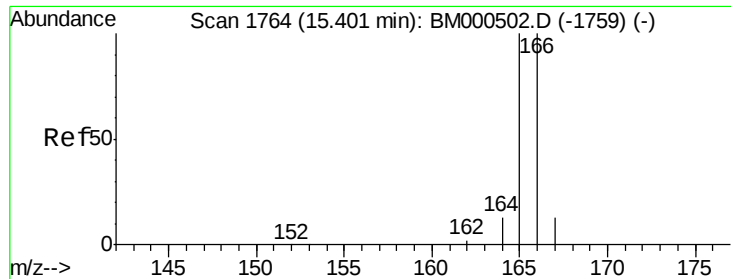
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.05 ng/ul

RT: 15.40 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BM000508.D

Acq: 12 Feb 2015 18:27

Instrument :

BNA_M

ClientSampleId :

A4FN6

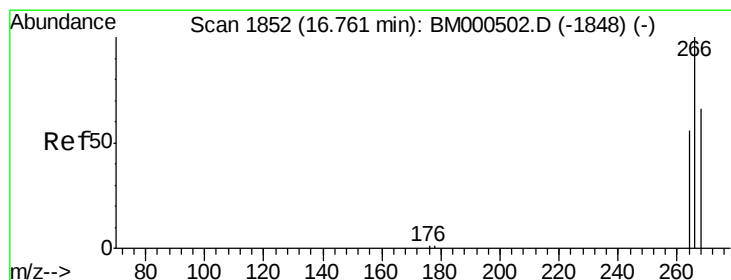
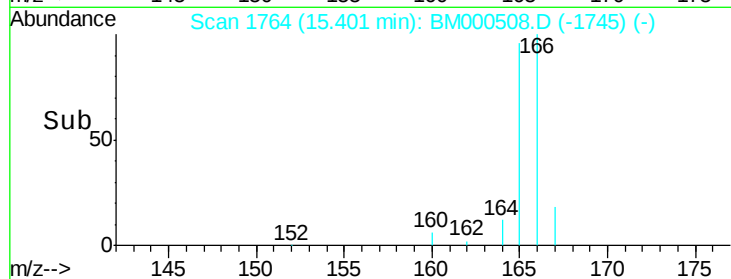
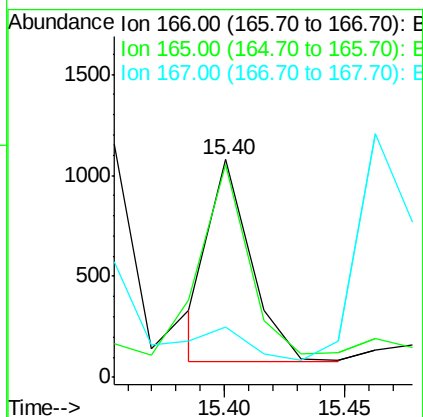
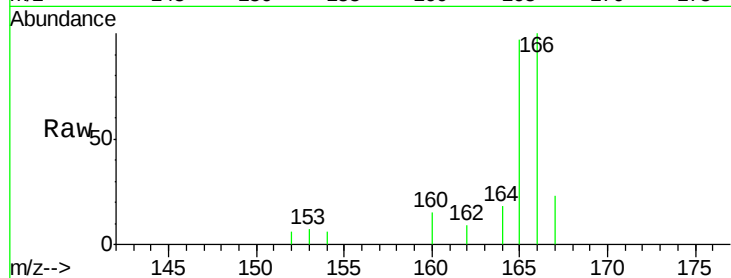
Tgt Ion:166 Resp: 1173

Ion Ratio Lower Upper

166 100

165 97.5 80.0 120.0

167 23.3 11.4 17.2#



#11

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.75 min Scan# 1851

Delta R.T. -0.02 min

Lab File: BM000508.D

Acq: 12 Feb 2015 18:27

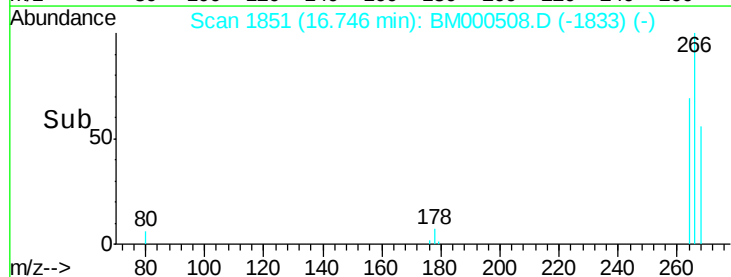
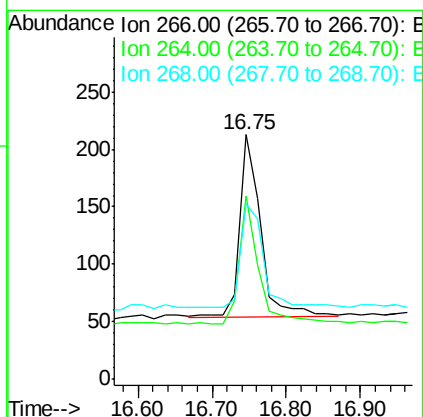
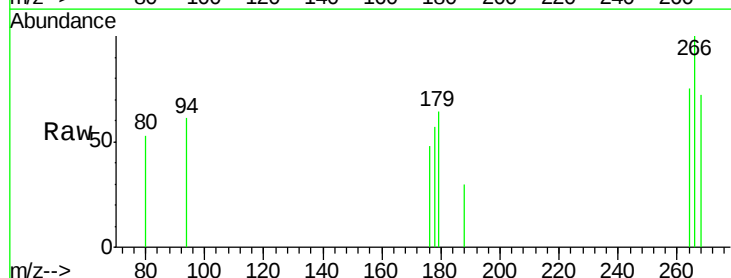
Tgt Ion:266 Resp: 316

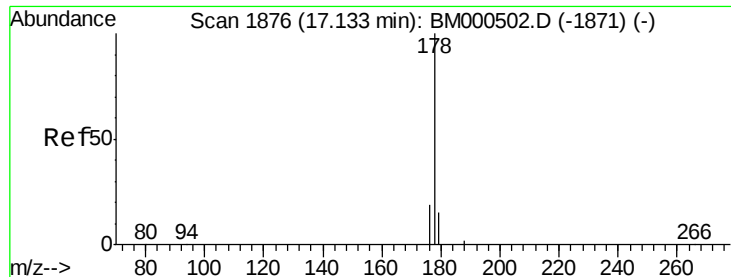
Ion Ratio Lower Upper

266 100

264 63.6 51.4 77.2

268 58.2 48.7 73.1





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.23 min Scan# 1882

Delta R.T. 0.09 min

Lab File: BM000508.D

Acq: 12 Feb 2015 18:27

Instrument :

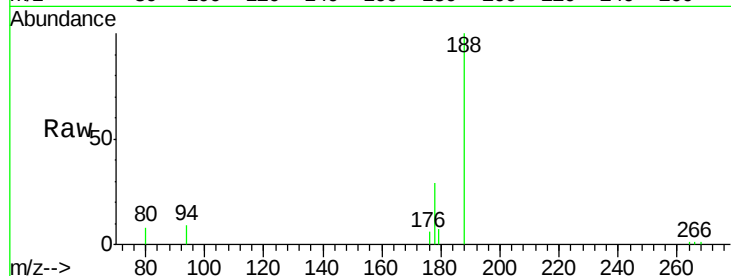
BNA_M

ClientSampleId :

A4FN6

Tgt Ion:178 Resp: 3134

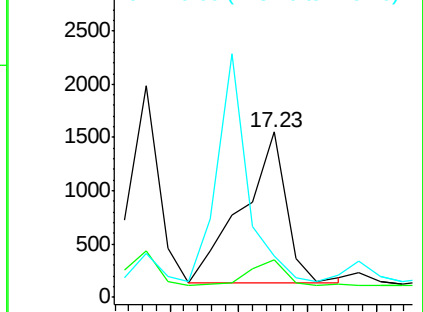
Ion	Ratio	Lower	Upper
178	100		
176	22.7	15.5	23.3
179	24.9	12.5	18.7#



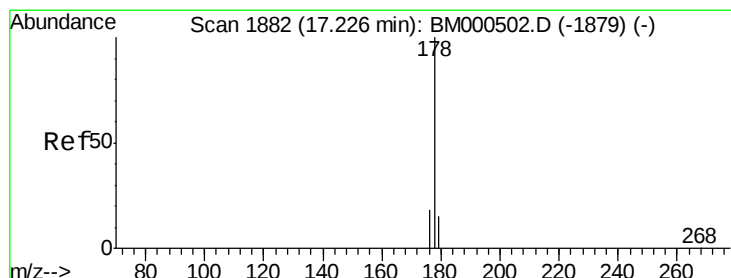
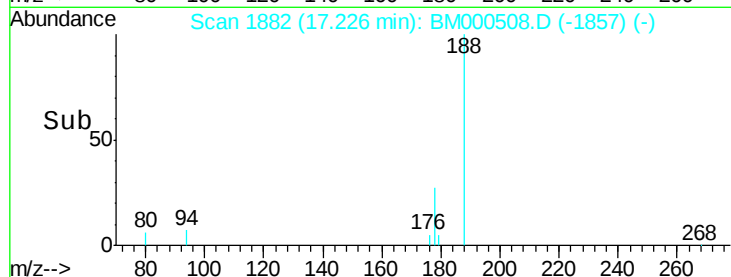
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#13

Anthracene

Concen: 0.00 ng/ul

RT: 17.23 min Scan# 1882

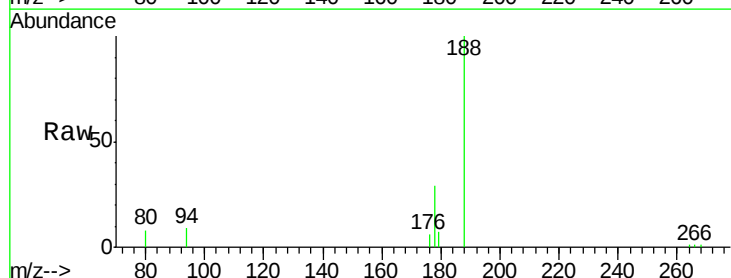
Delta R.T. -0.00 min

Lab File: BM000508.D

Acq: 12 Feb 2015 18:27

Tgt Ion:178 Resp: 3134

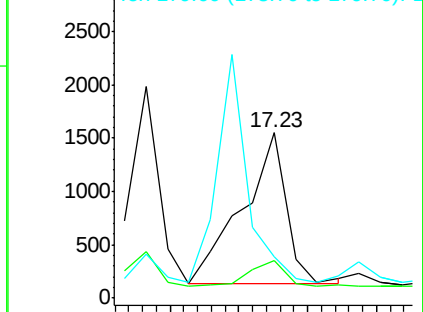
Ion	Ratio	Lower	Upper
178	100		
176	22.7	14.9	22.3#
179	24.9	12.8	19.2#



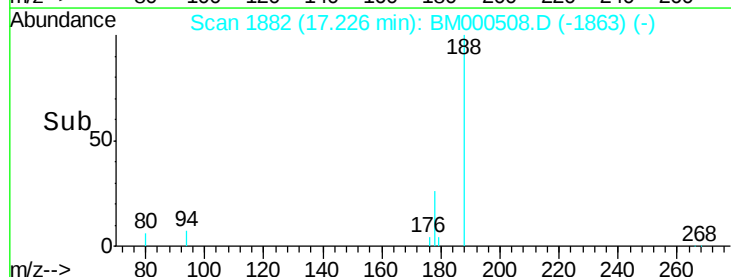
Abundance Ion 178.00 (177.70 to 178.70): E

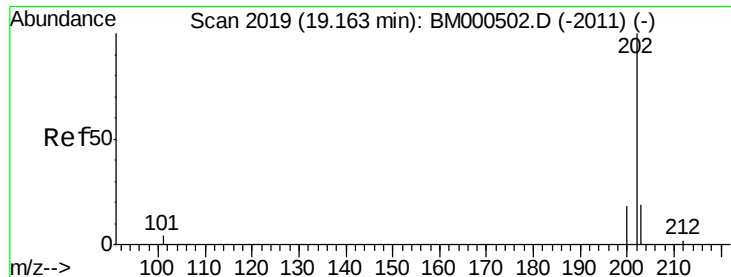
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#15

Fluoranthene

Concen: 0.01 ng/ul

RT: 19.15 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BM000508.D

Acq: 12 Feb 2015 18:27

Instrument :

BNA_M

ClientSampleId :

A4FN6

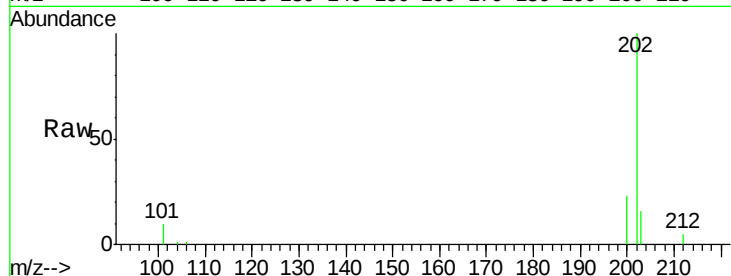
Tgt Ion:202 Resp: 19200

Ion Ratio Lower Upper

202 100

101 10.2 0.0 24.8

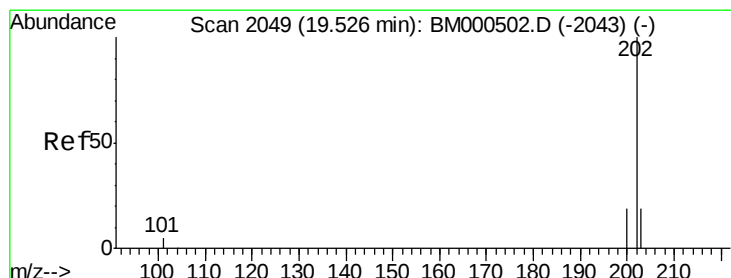
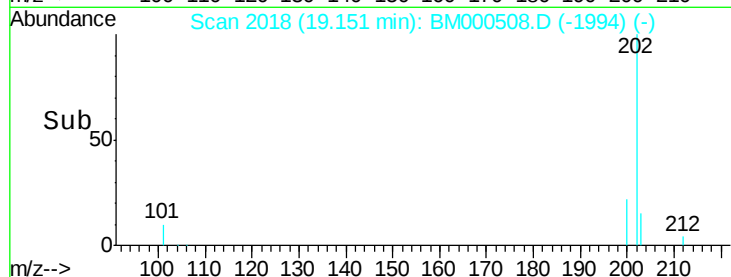
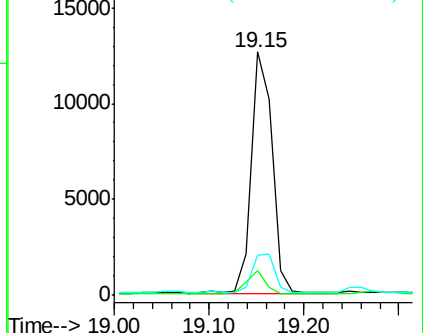
203 16.3 0.0 39.2



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



#17

Pyrene

Concen: 0.54 ng/ul

RT: 19.53 min Scan# 2049

Delta R.T. -0.00 min

Lab File: BM000508.D

Acq: 12 Feb 2015 18:27

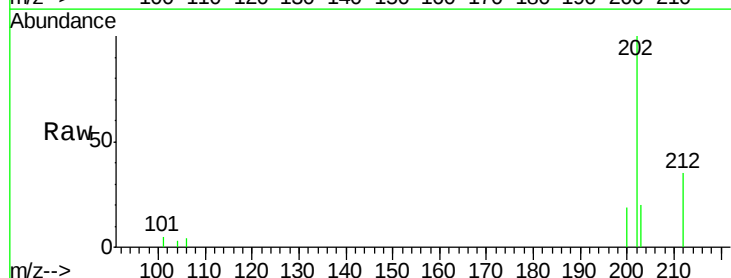
Tgt Ion:202 Resp: 23928

Ion Ratio Lower Upper

202 100

200 18.7 15.4 23.0

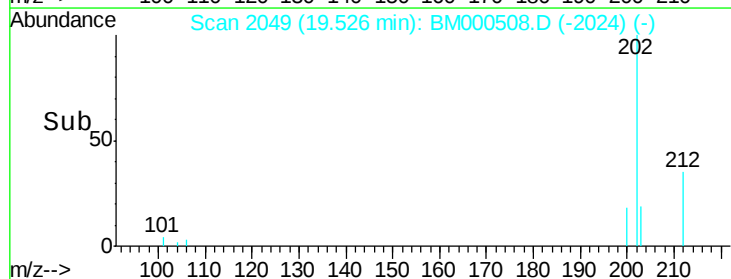
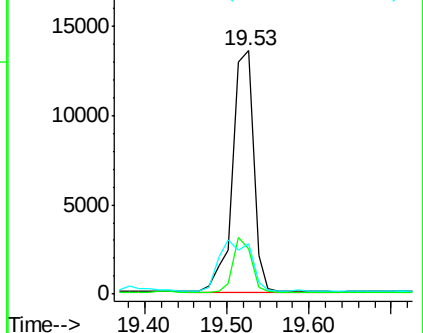
203 20.5 15.4 23.2

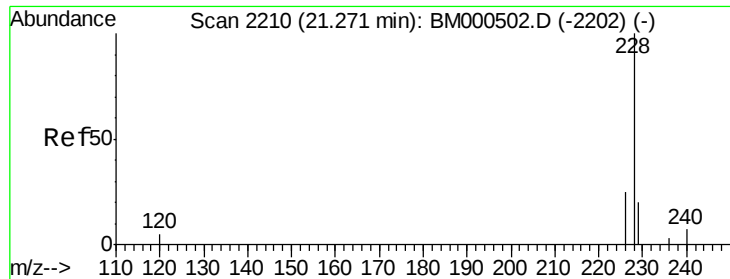


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.06 ng/ul

RT: 21.27 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BM000508.D

Acq: 12 Feb 2015 18:27

Instrument :

BNA_M

ClientSampleId :

A4FN6

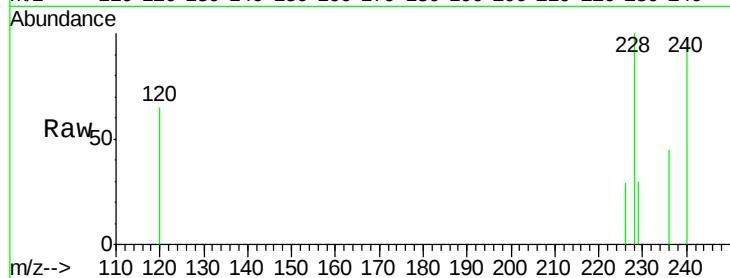
Tgt Ion:228 Resp: 2238

Ion Ratio Lower Upper

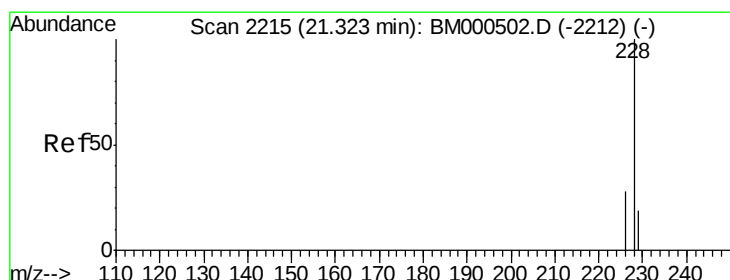
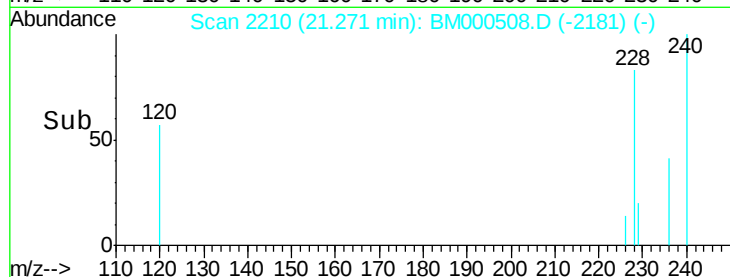
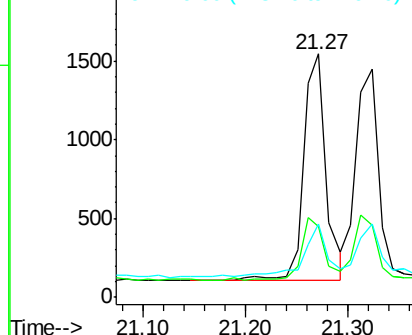
228 100

226 28.9 20.6 31.0

229 30.0 16.3 24.5#



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



#19

Chrysene

Concen: 0.05 ng/ul

RT: 21.32 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BM000508.D

Acq: 12 Feb 2015 18:27

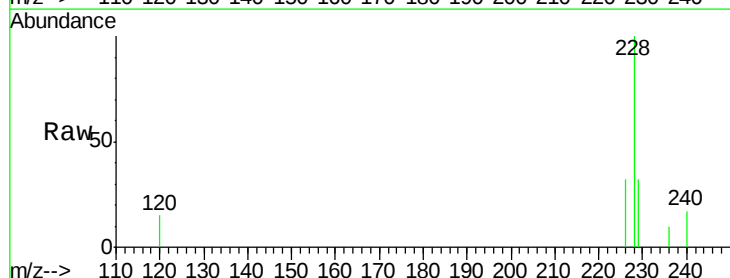
Tgt Ion:228 Resp: 2153

Ion Ratio Lower Upper

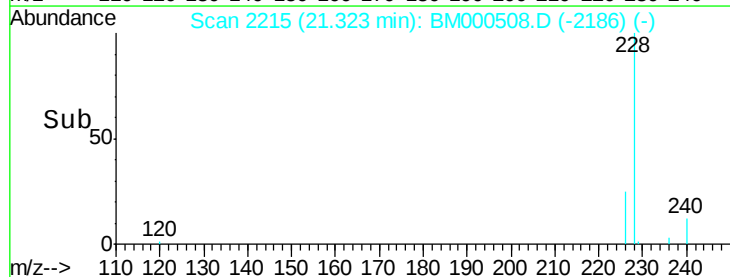
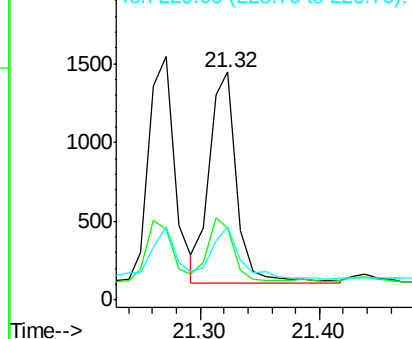
228 100

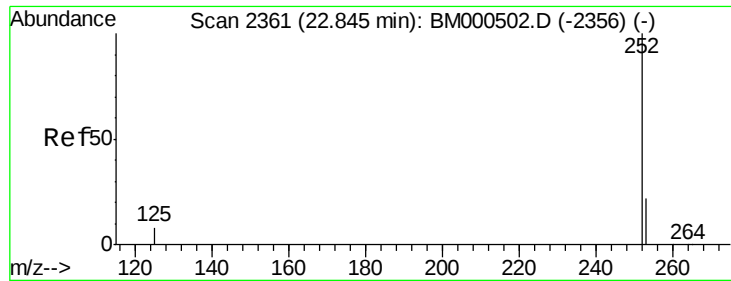
226 31.9 22.7 34.1

229 32.2 16.0 24.0#



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

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 22.61 min Scan# 2338

Delta R.T. -0.24 min

Lab File: BM000508.D

Acq: 12 Feb 2015 18:27

Instrument :

BNA_M

ClientSampleId :

A4FN6

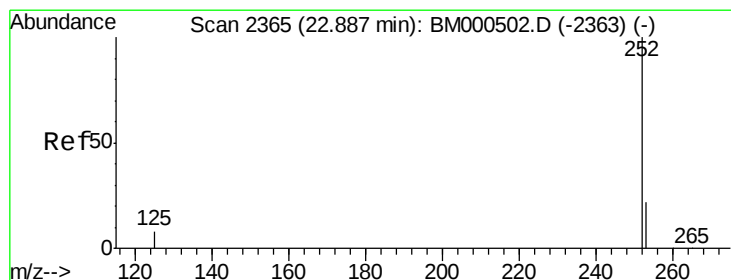
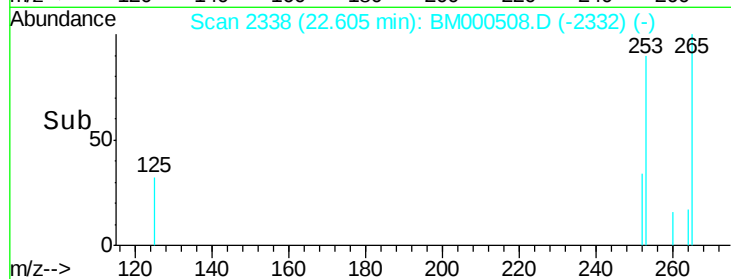
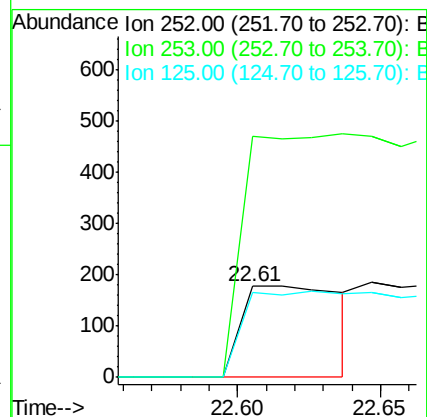
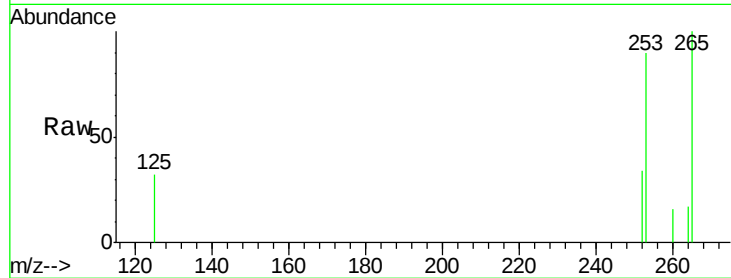
Tgt Ion:252 Resp: 435

Ion Ratio Lower Upper

252 100

253 264.6 0.0 52.6#

125 92.7 0.0 17.6#



#22

Benzo(k)fluoranthene

Concen: 0.00 ng/u1

RT: 22.83 min Scan# 2360

Delta R.T. -0.05 min

Lab File: BM000508.D

Acq: 12 Feb 2015 18:27

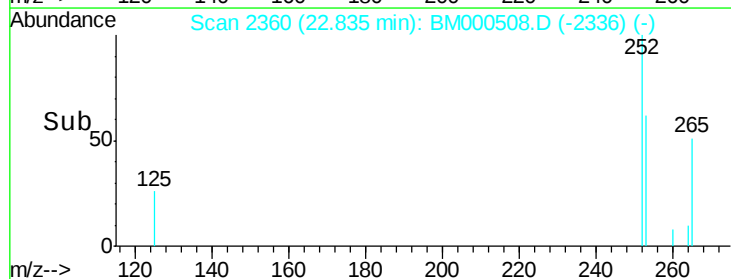
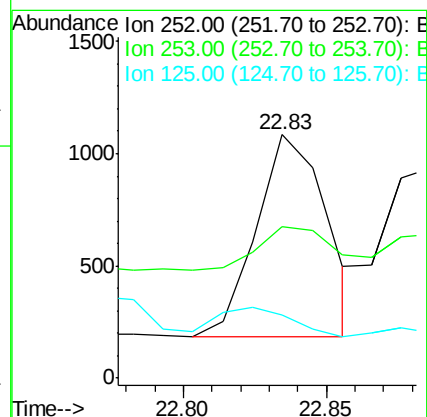
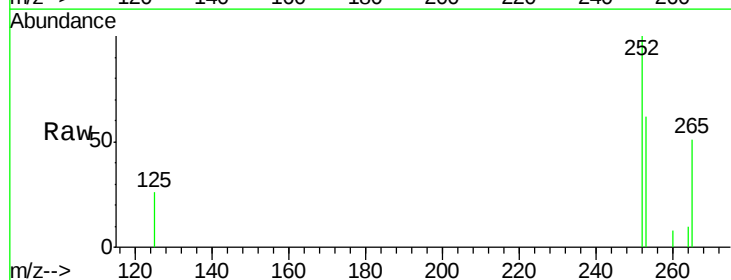
Tgt Ion:252 Resp: 1530

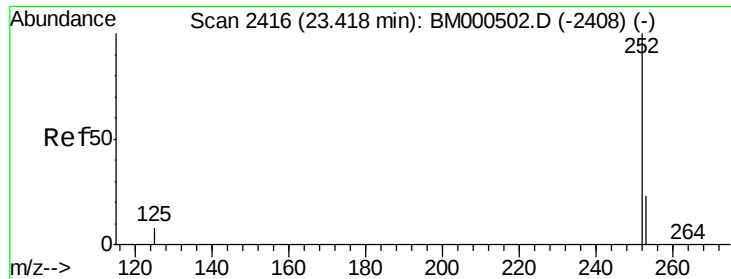
Ion Ratio Lower Upper

252 100

253 61.9 20.2 30.4#

125 25.9 7.4 11.0#





#23

Benzo(a)pyrene

Concen: 0.00 ng/u1

RT: 23.37 min Scan# 2411

Delta R.T. -0.05 min

Lab File: BM000508.D

Acq: 12 Feb 2015 18:27

Instrument :

BNA_M

ClientSampleId :

A4FN6

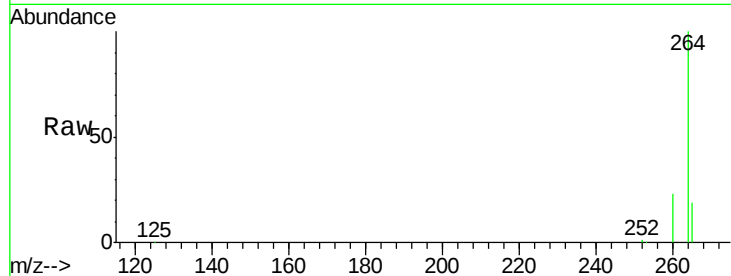
Tgt Ion:252 Resp: 5299

Ion Ratio Lower Upper

252 100

253 53.2 23.1 34.7#

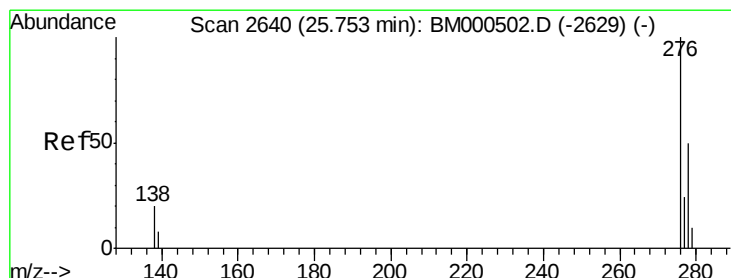
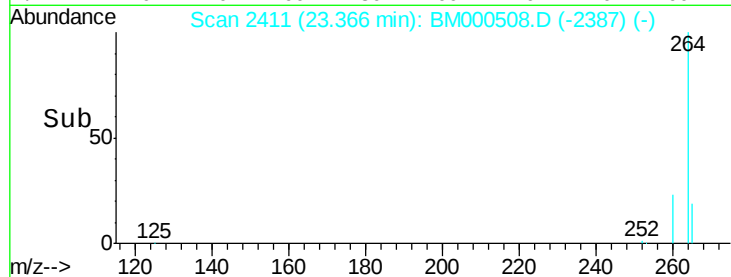
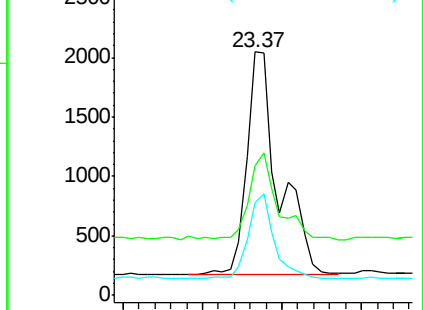
125 38.0 8.0 12.0#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/u1

RT: 25.75 min Scan# 2640

Delta R.T. -0.00 min

Lab File: BM000508.D

Acq: 12 Feb 2015 18:27

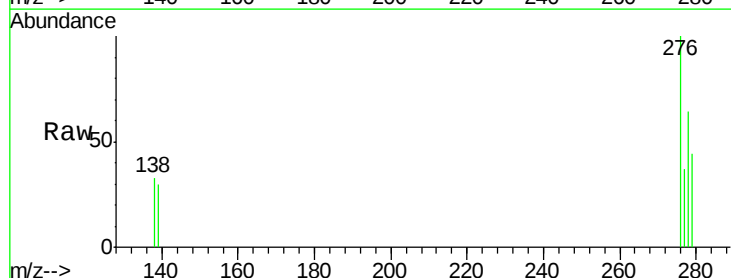
Tgt Ion:276 Resp: 1290

Ion Ratio Lower Upper

276 100

138 21.0 17.3 25.9

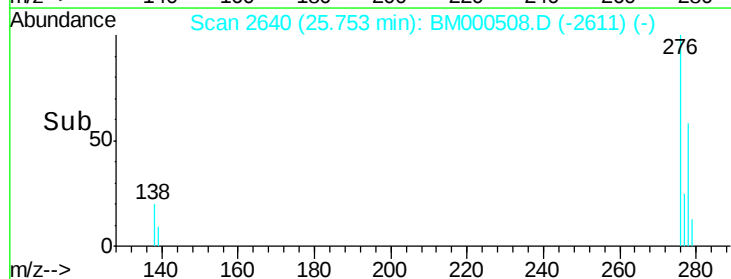
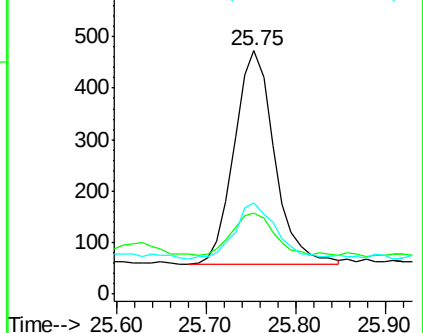
277 27.4 19.8 29.8

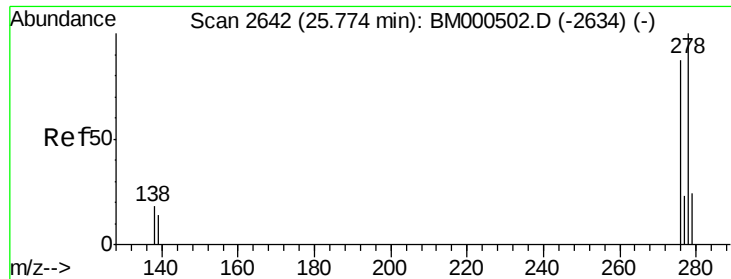


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.52 min Scan# 2618

Delta R.T. -0.25 min

Lab File: BM000508.D

Acq: 12 Feb 2015 18:27

Instrument :

BNA_M

ClientSampleId :

A4FN6

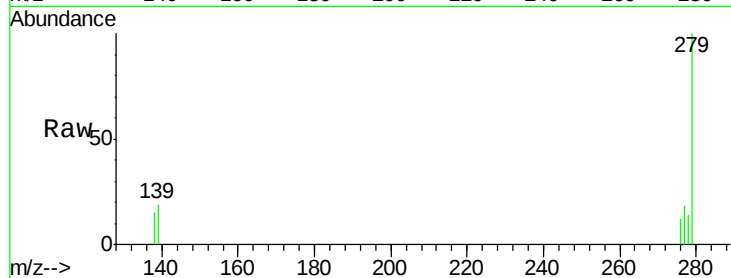
Tgt Ion:278 Resp: 71

Ion Ratio Lower Upper

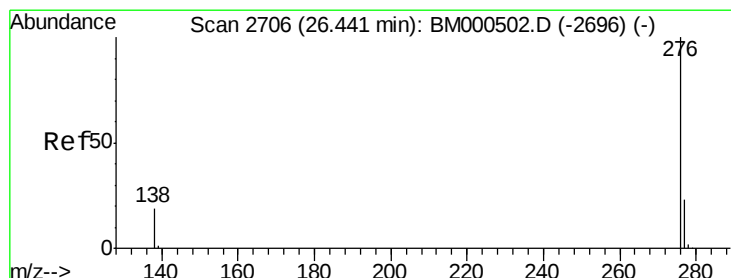
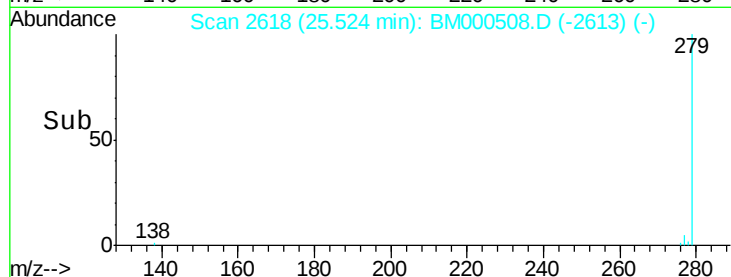
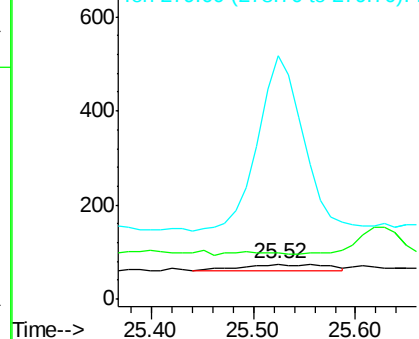
278 100

139 133.8 12.5 18.7#

279 698.6 22.2 33.2#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.44 min Scan# 2706

Delta R.T. -0.00 min

Lab File: BM000508.D

Acq: 12 Feb 2015 18:27

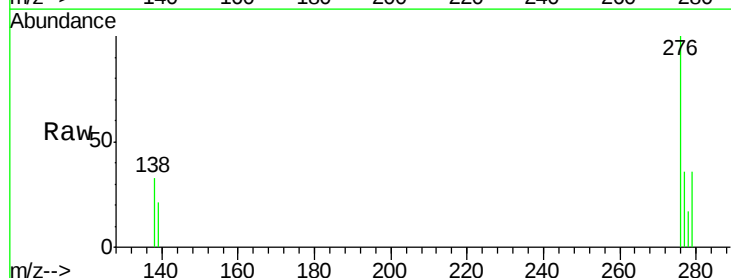
Tgt Ion:276 Resp: 1184

Ion Ratio Lower Upper

276 100

277 36.4 19.2 28.8#

138 32.6 16.0 24.0#



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

