

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021215\
 Data File : BM000507.D
 Acq On : 12 Feb 2015 17:51
 Operator : TP/IZ
 Sample : G1249-22
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FN5

Quant Time: Feb 13 00:06:56 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	3637	0.40	ng/ul	0.00
2) Naphthalene-d8	10.49	136	12226	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	7032	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.19	188	1229391	0.40	ng/ul	0.11
16) Chrysene-d12	21.29	240	12901	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	929661	0.40	ng/ul	-0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.09	152	7446	0.48	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

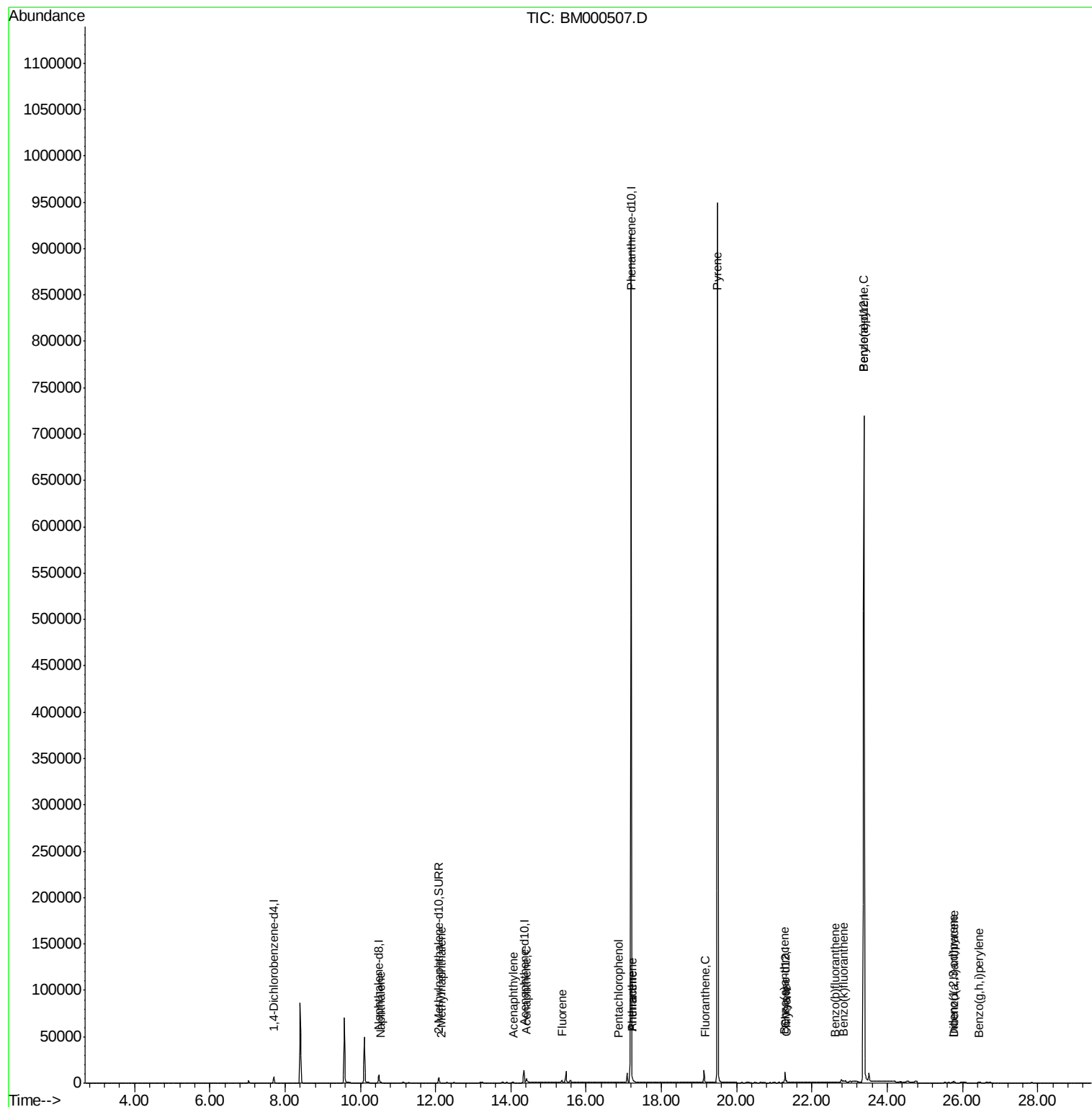
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.54	128	473	0.02	ng/ul#	46
5) 2-Methylnaphthalene	12.15	142	37	0.00	ng/ul#	72
7) Acenaphthylene	14.07	152	481	0.02	ng/ul#	56
8) Acenaphthene	14.41	153	144	0.01	ng/ul#	76
9) Fluorene	15.35	166	2363	0.10	ng/ul#	13
11) Pentachlorophenol	16.87	266	11	0.00	ng/ul#	33
12) Phenanthrene	17.23	178	2342	0.00	ng/ul#	82
13) Anthracene	17.23	178	2327	0.00	ng/ul#	82
15) Fluoranthene	19.15	202	1087	0.00	ng/ul	73
17) Pyrene	19.49	202	3328	0.07	ng/ul#	1
18) Benzo(a)anthracene	21.27	228	1717	0.05	ng/ul#	86
19) Chrysene	21.32	228	1736	0.04	ng/ul#	89
21) Benzo(b)fluoranthene	22.61	252	320	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	22.83	252	1772	0.00	ng/ul#	28
23) Benzo(a)pyrene	23.38	252	5495	0.00	ng/ul#	34
24) Indeno(1,2,3-cd)pyrene	25.75	276	1419	0.00	ng/ul	99
25) Dibenzo(a,h)anthracene	25.77	278	1117	0.00	ng/ul#	50
26) Benzo(g,h,i)perylene	26.44	276	1282	0.00	ng/ul#	75

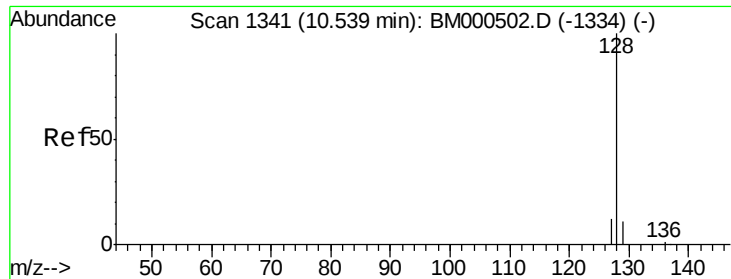
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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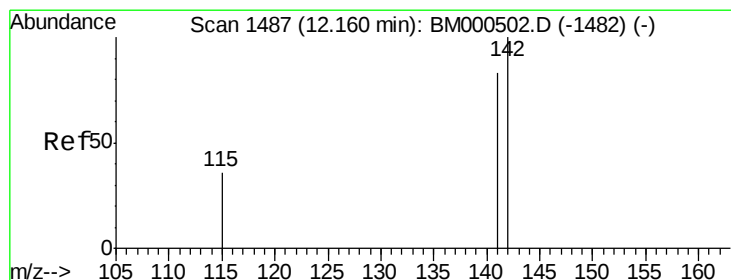
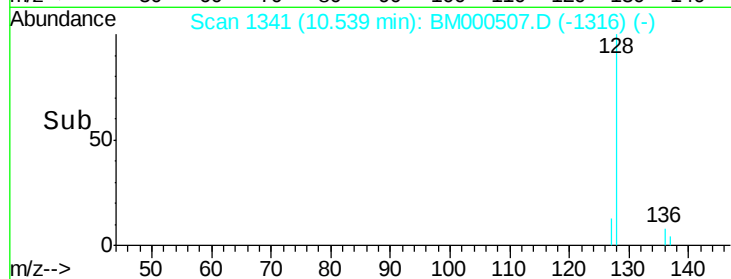
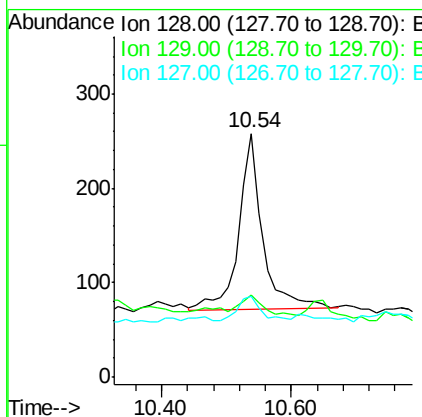
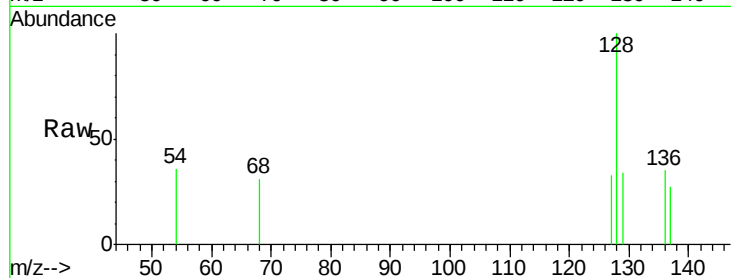




#3
Naphthalene
Concen: 0.02 ng/ul
RT: 10.54 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BM000507.D
Acq: 12 Feb 2015 17:51

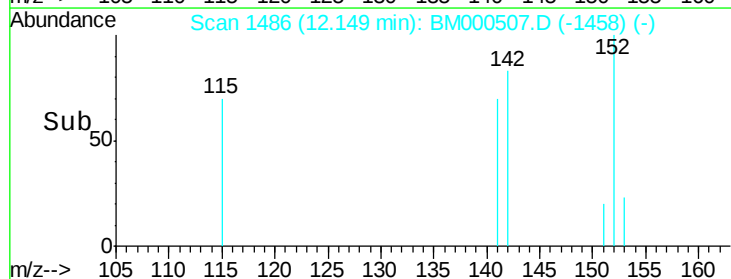
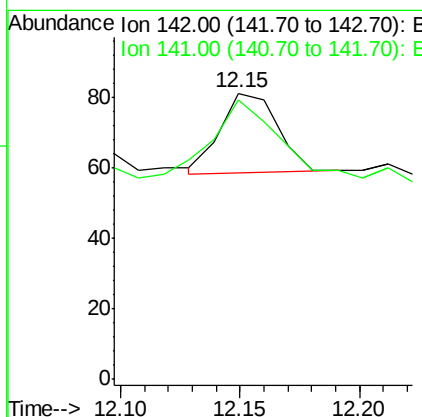
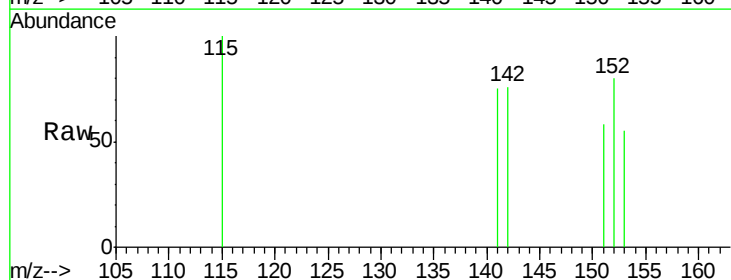
Instrument :
BNA_M
ClientSampleId :
A4FN5

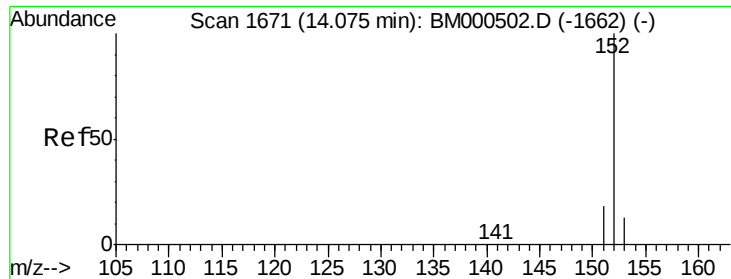
Tgt Ion:128 Resp: 473
Ion Ratio Lower Upper
128 100
129 33.7 9.5 14.3#
127 33.3 10.4 15.6#



#5
2-Methylnaphthalene
Concen: 0.00 ng/ul
RT: 12.15 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BM000507.D
Acq: 12 Feb 2015 17:51

Tgt Ion:142 Resp: 37
Ion Ratio Lower Upper
142 100
141 113.5 69.9 104.9#





#7

Acenaphthylene

Concen: 0.02 ng/ul

RT: 14.07 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BM000507.D

Acq: 12 Feb 2015 17:51

Instrument :

BNA_M

ClientSampleId :

A4FN5

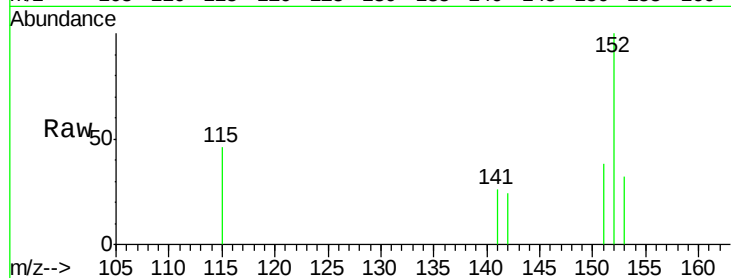
Tgt Ion:152 Resp: 481

Ion Ratio Lower Upper

152 100

151 38.2 15.0 22.6#

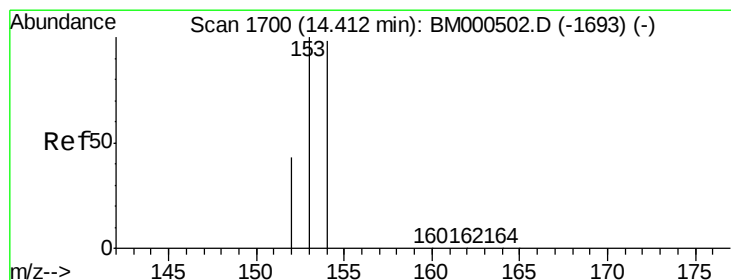
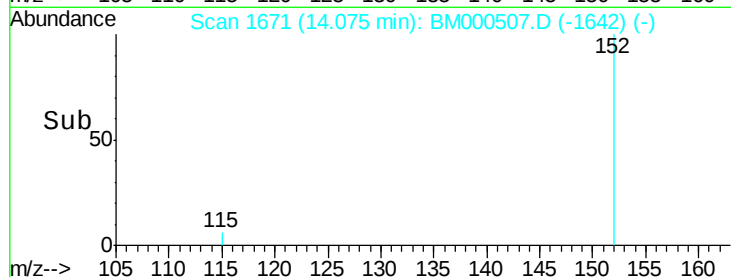
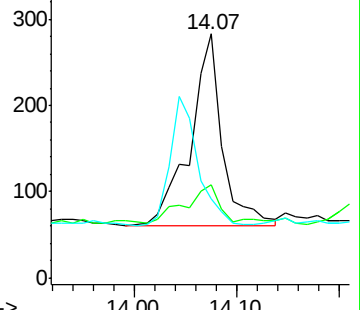
153 32.2 11.1 16.7#



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



#8

Acenaphthene

Concen: 0.01 ng/ul

RT: 14.41 min Scan# 1700

Delta R.T. -0.00 min

Lab File: BM000507.D

Acq: 12 Feb 2015 17:51

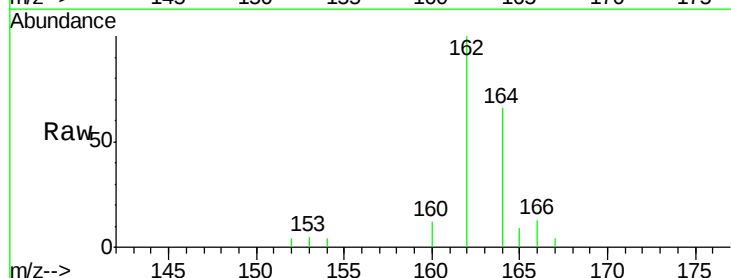
Tgt Ion:153 Resp: 144

Ion Ratio Lower Upper

153 100

152 65.1 35.1 52.7#

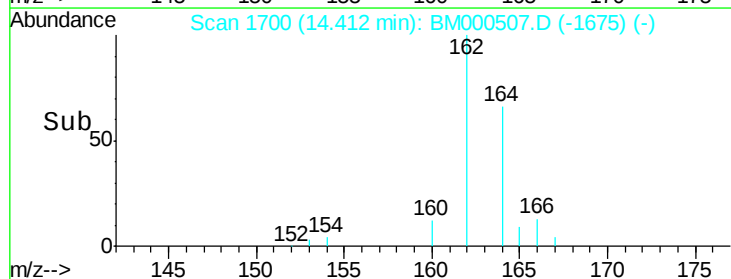
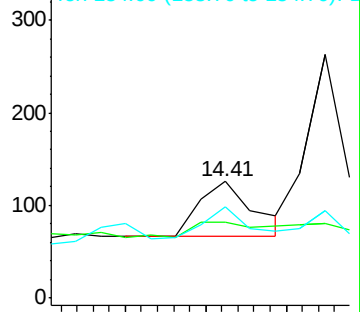
154 78.6 78.5 117.7

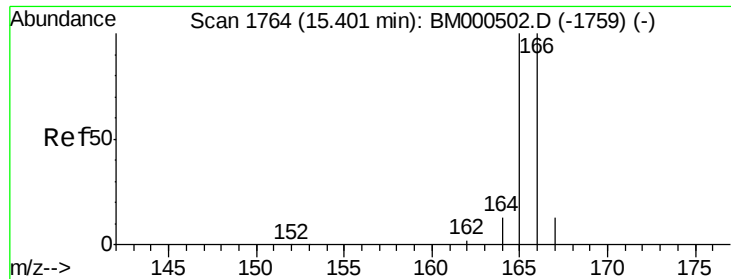


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.10 ng/ul

RT: 15.35 min Scan# 1761

Delta R.T. -0.05 min

Lab File: BM000507.D

Acq: 12 Feb 2015 17:51

Instrument :

BNA_M

ClientSampleId :

A4FN5

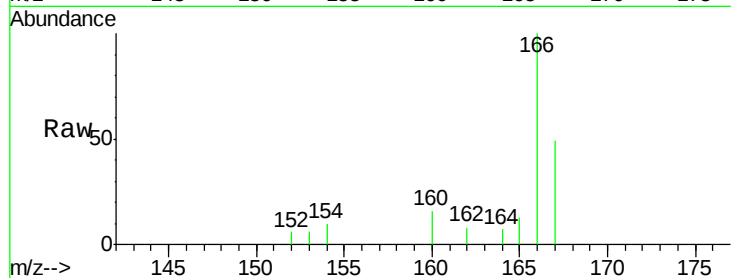
Tgt Ion:166 Resp: 2363

Ion Ratio Lower Upper

166 100

165 12.8 80.0 120.0#

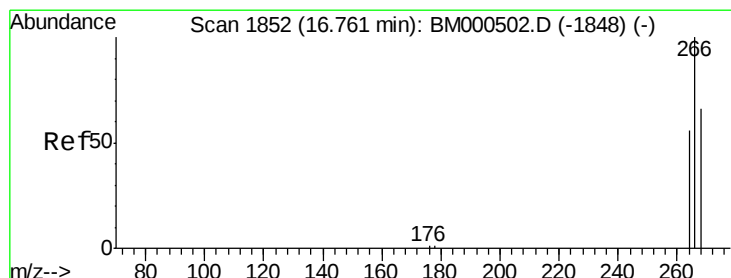
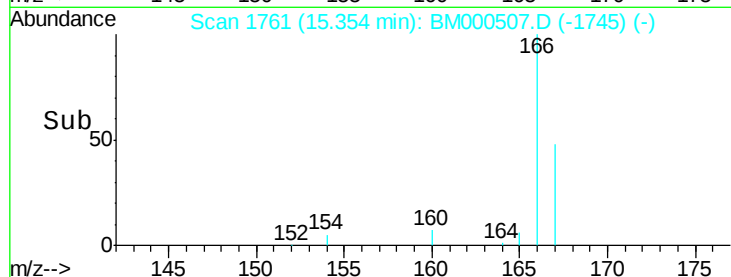
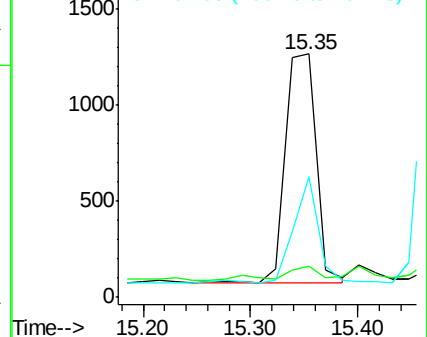
167 49.4 11.4 17.2#



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



#11

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.87 min Scan# 1859

Delta R.T. 0.11 min

Lab File: BM000507.D

Acq: 12 Feb 2015 17:51

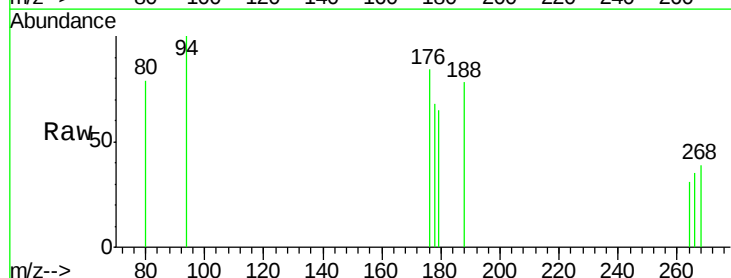
Tgt Ion:266 Resp: 11

Ion Ratio Lower Upper

266 100

264 0.0 51.4 77.2#

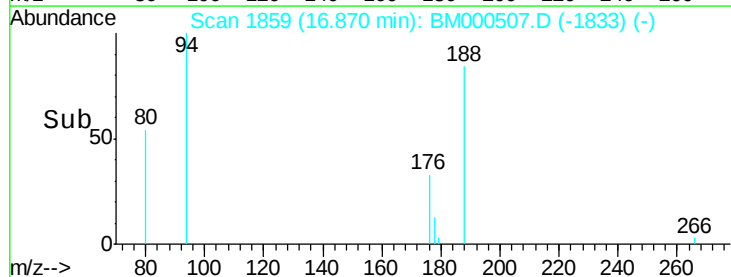
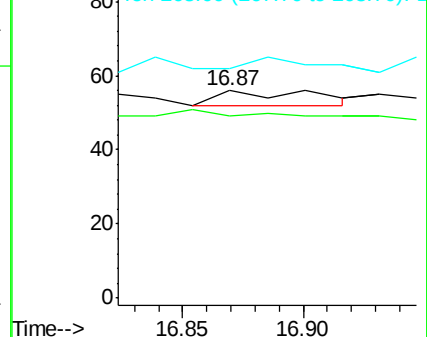
268 100.0 48.7 73.1#

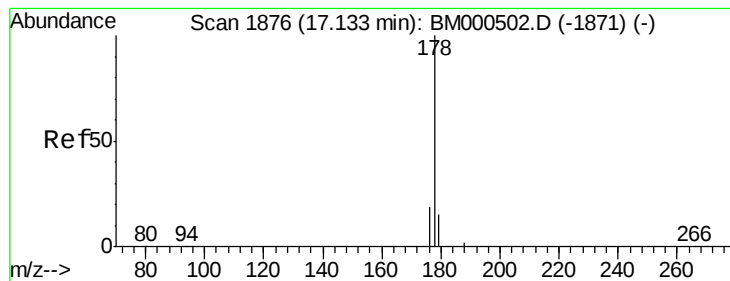


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.23 min Scan# 1882

Delta R.T. 0.09 min

Lab File: BM000507.D

Acq: 12 Feb 2015 17:51

Instrument :

BNA_M

ClientSampleId :

A4FN5

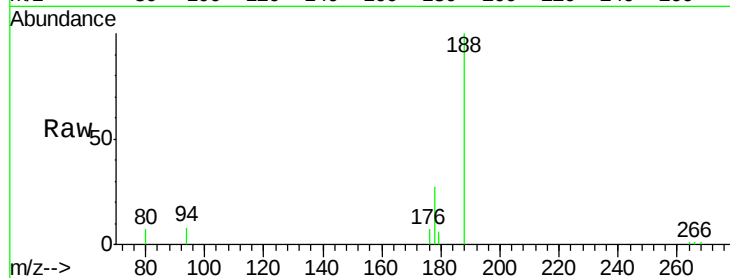
Tgt Ion:178 Resp: 2342

Ion Ratio Lower Upper

178 100

176 27.0 15.5 23.3#

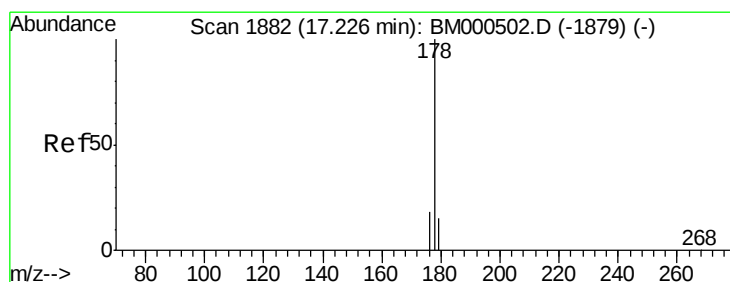
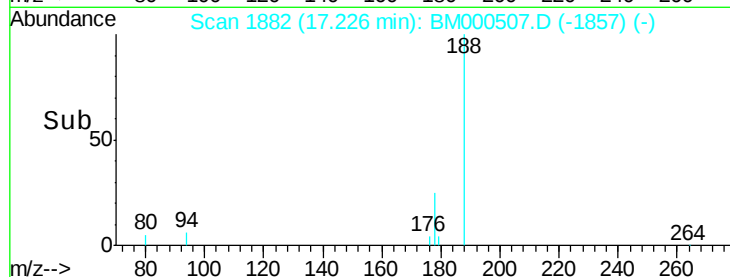
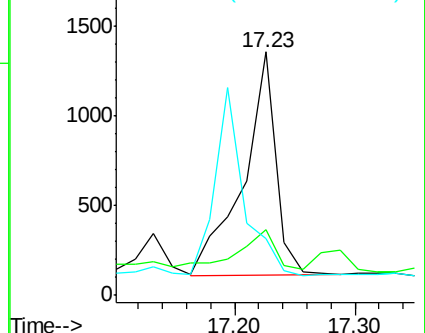
179 23.4 12.5 18.7#



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



#13

Anthracene

Concen: 0.00 ng/ul

RT: 17.23 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BM000507.D

Acq: 12 Feb 2015 17:51

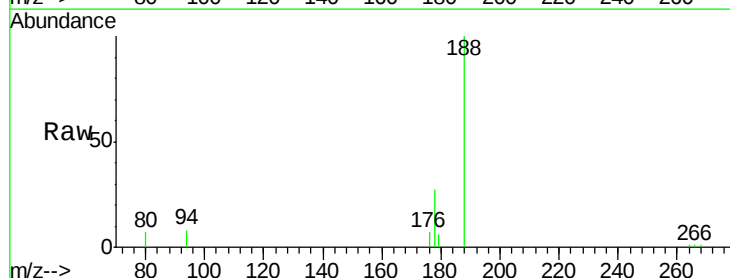
Tgt Ion:178 Resp: 2327

Ion Ratio Lower Upper

178 100

176 27.0 14.9 22.3#

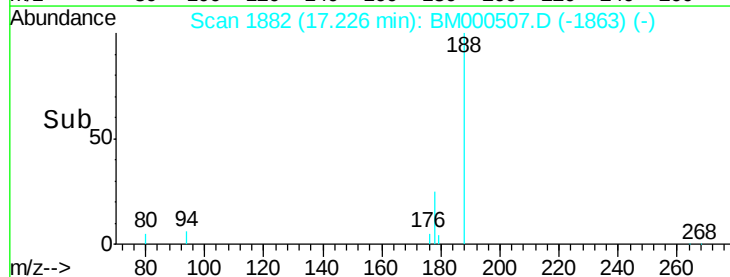
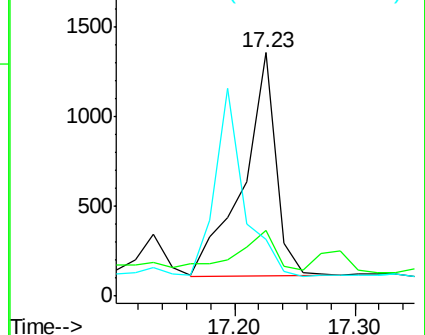
179 23.4 12.8 19.2#

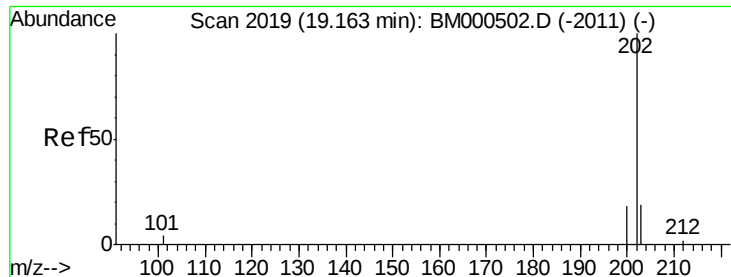


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.15 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BM000507.D

Acq: 12 Feb 2015 17:51

Instrument :

BNA_M

ClientSampleId :

A4FN5

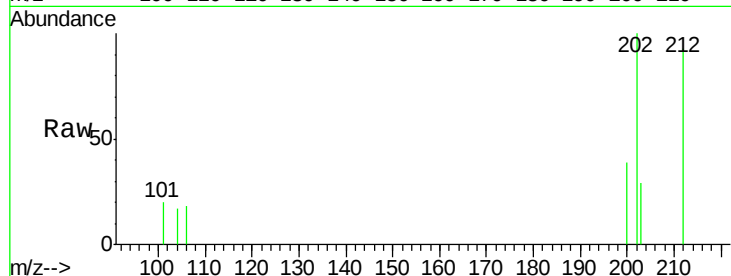
Tgt Ion:202 Resp: 1087

Ion Ratio Lower Upper

202 100

101 20.1 0.0 24.8

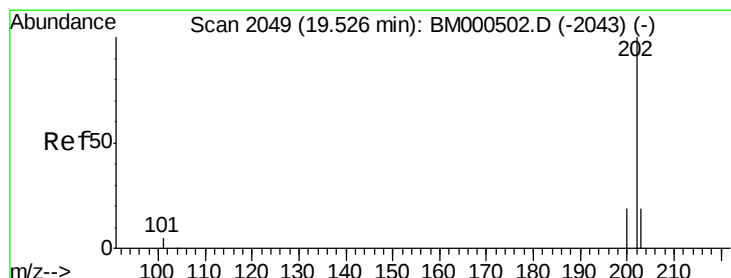
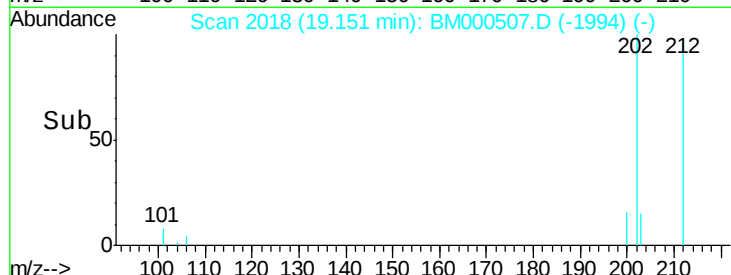
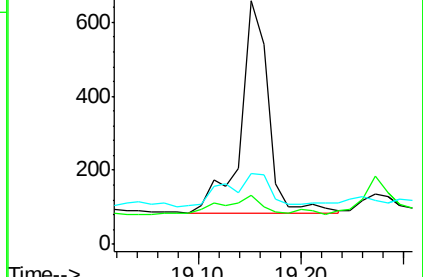
203 29.0 0.0 39.2



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: 0.07 ng/ul

RT: 19.49 min Scan# 2046

Delta R.T. -0.04 min

Lab File: BM000507.D

Acq: 12 Feb 2015 17:51

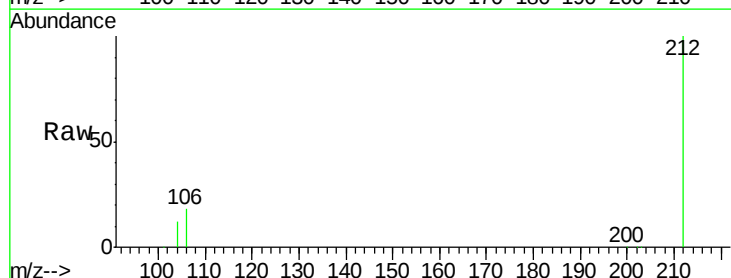
Tgt Ion:202 Resp: 3328

Ion Ratio Lower Upper

202 100

200 9.7 15.4 23.0#

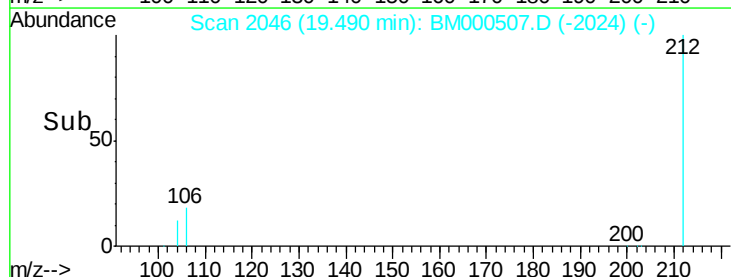
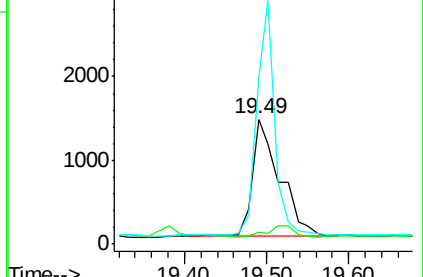
203 134.3 15.4 23.2#

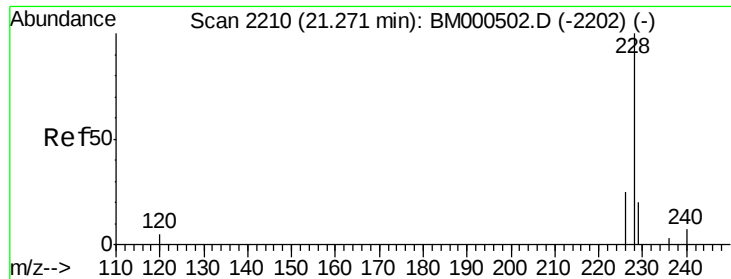


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.05 ng/ul

RT: 21.27 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BM000507.D

Acq: 12 Feb 2015 17:51

Instrument :

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ClientSampleId :

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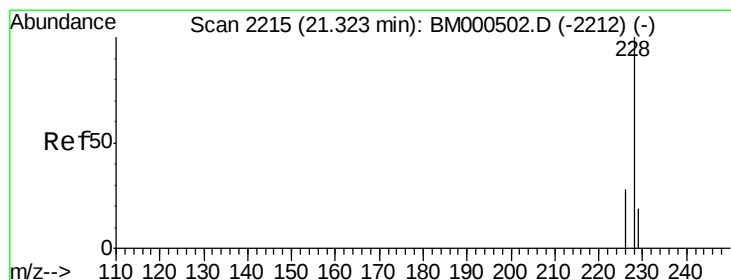
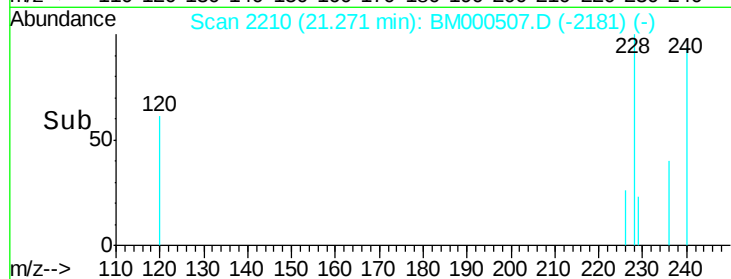
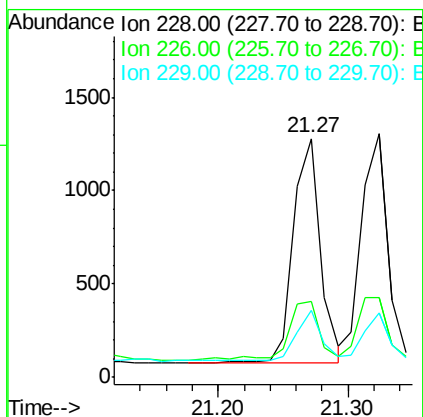
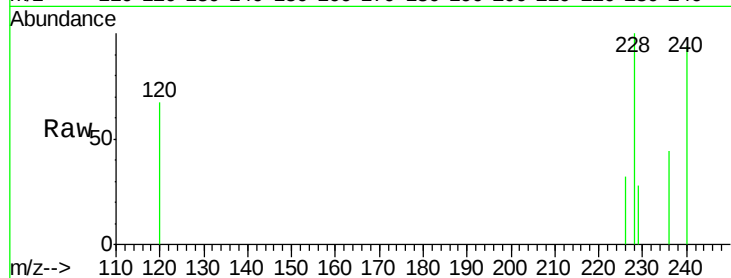
Tgt Ion:228 Resp: 1717

Ion Ratio Lower Upper

228 100

226 31.7 20.6 31.0#

229 28.2 16.3 24.5#



#19

Chrysene

Concen: 0.04 ng/ul

RT: 21.32 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BM000507.D

Acq: 12 Feb 2015 17:51

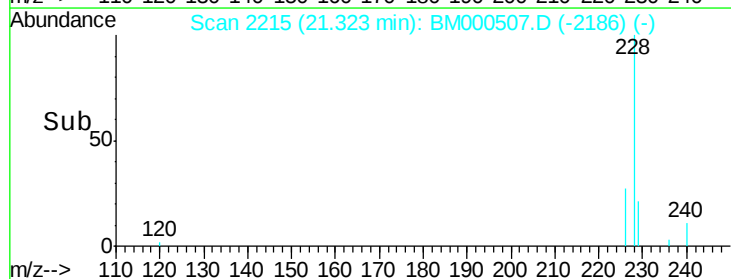
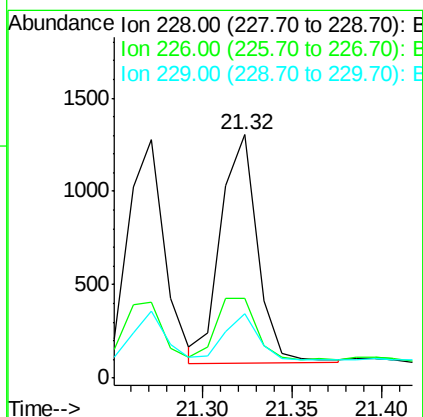
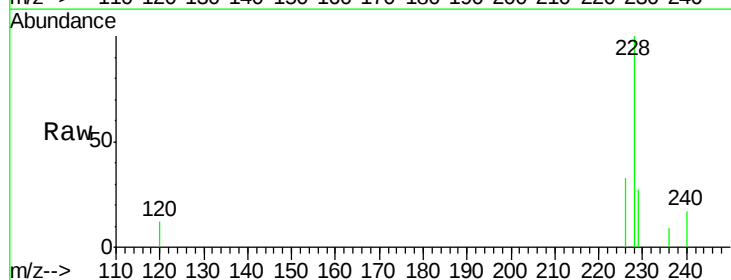
Tgt Ion:228 Resp: 1736

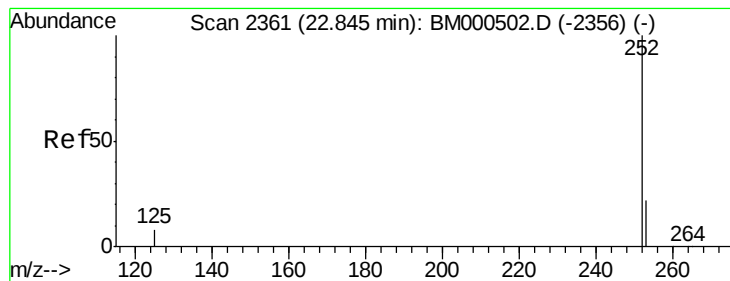
Ion Ratio Lower Upper

228 100

226 32.6 22.7 34.1

229 26.6 16.0 24.0#





#21

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 22.61 min Scan# 2338

Delta R.T. -0.24 min

Lab File: BM000507.D

Acq: 12 Feb 2015 17:51

Instrument :

BNA_M

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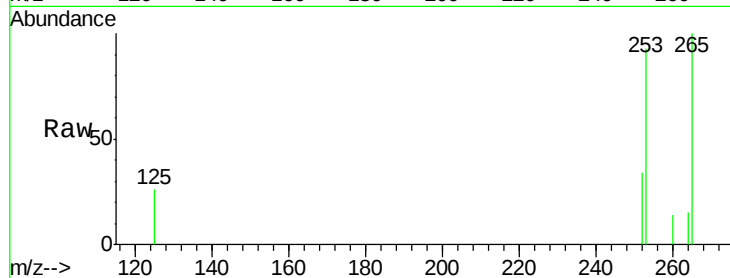
Tgt Ion:252 Resp: 320

Ion Ratio Lower Upper

252 100

253 276.1 0.0 52.6#

125 76.1 0.0 17.6#

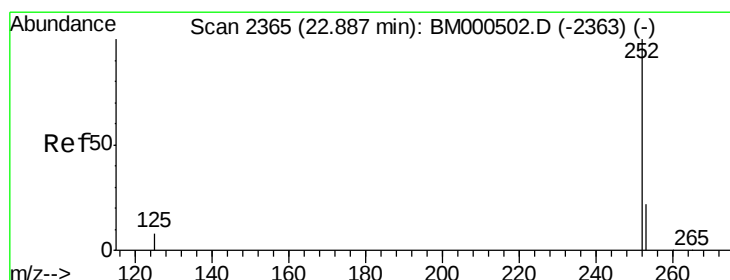
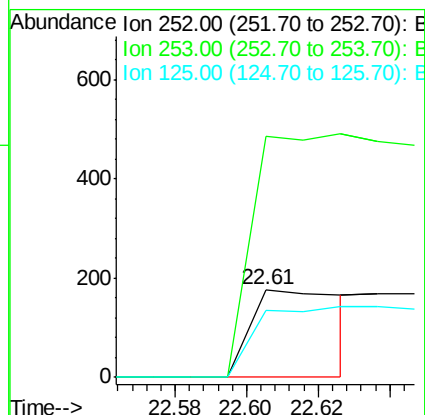
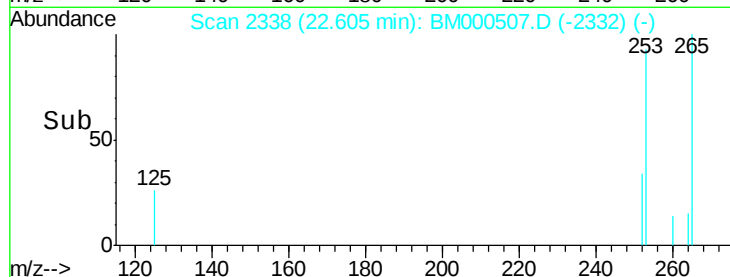


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



#22

Benzo(k)fluoranthene

Concen: 0.00 ng/u1

RT: 22.83 min Scan# 2360

Delta R.T. -0.05 min

Lab File: BM000507.D

Acq: 12 Feb 2015 17:51

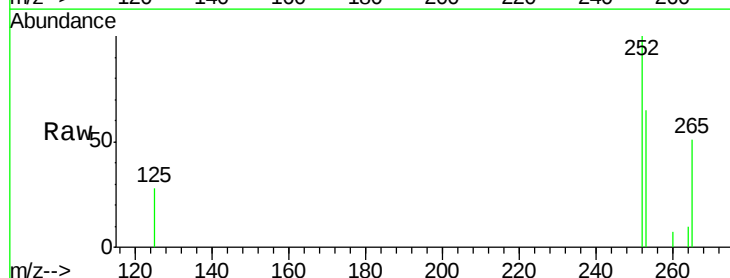
Tgt Ion:252 Resp: 1772

Ion Ratio Lower Upper

252 100

253 65.0 20.2 30.4#

125 28.0 7.4 11.0#

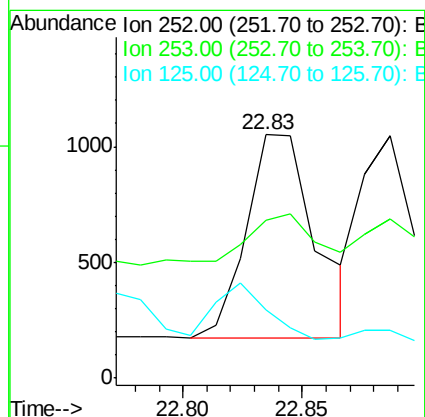
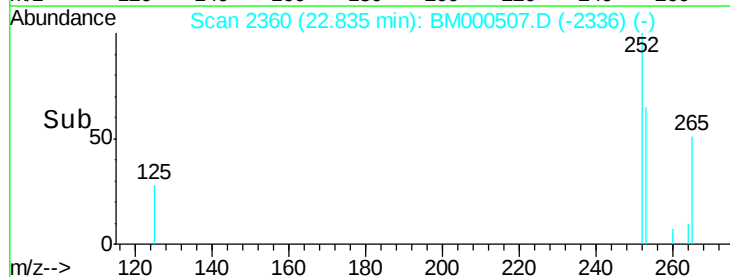


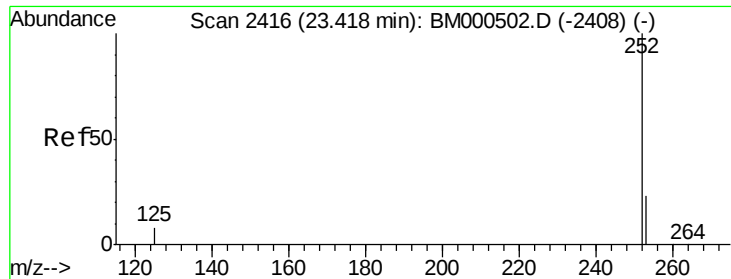
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->





#23

Benzo(a)pyrene

Concen: 0.00 ng/u1

RT: 23.38 min Scan# 2412

Delta R.T. -0.04 min

Lab File: BM000507.D

Acq: 12 Feb 2015 17:51

Instrument :

BNA_M

ClientSampleId :

A4FN5

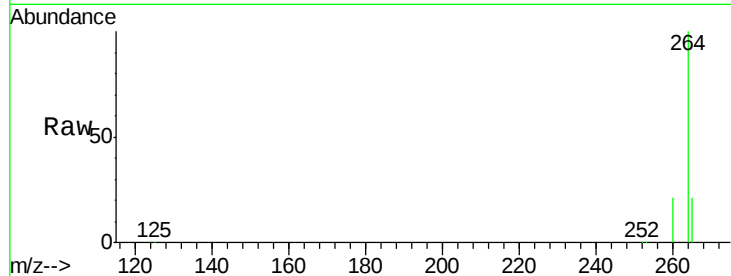
Tgt Ion:252 Resp: 5495

Ion Ratio Lower Upper

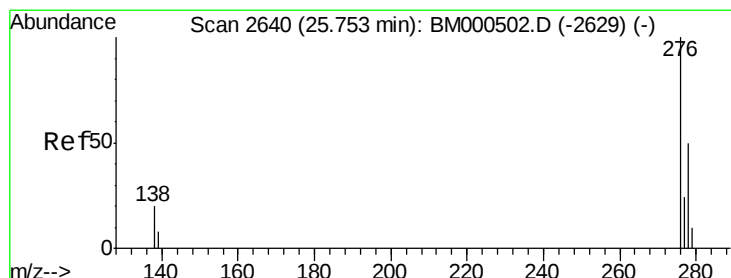
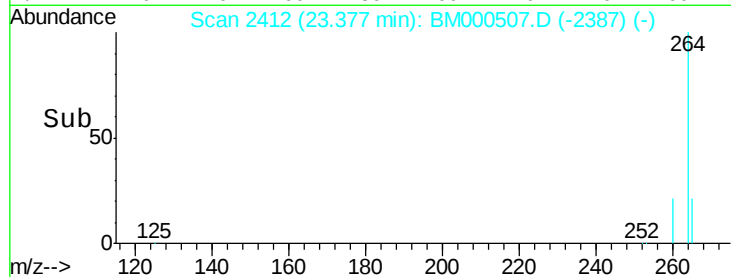
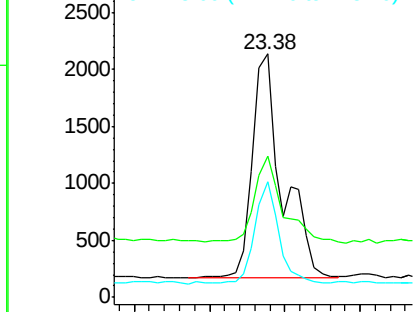
252 100

253 57.9 23.1 34.7#

125 47.2 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: BM000507.D

Acq: 12 Feb 2015 17:51

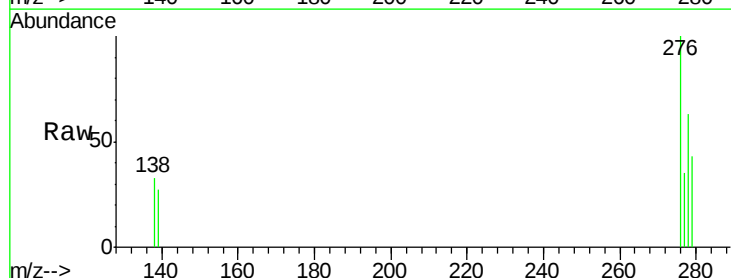
Tgt Ion:276 Resp: 1419

Ion Ratio Lower Upper

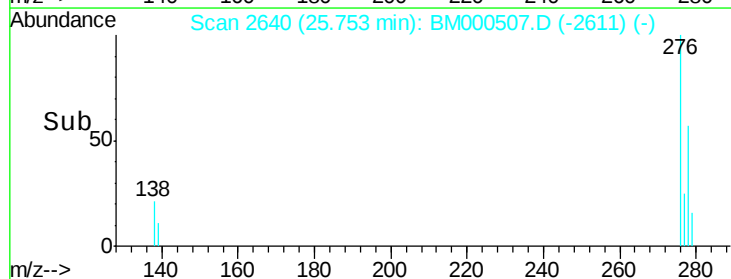
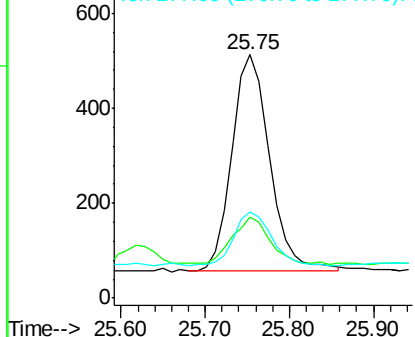
276 100

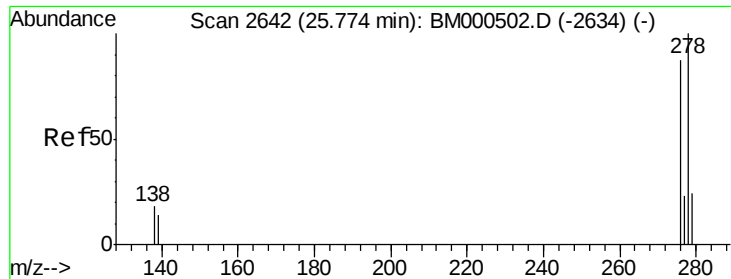
138 22.6 17.3 25.9

277 24.9 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



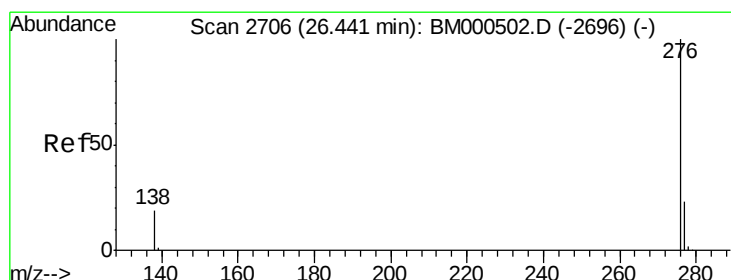
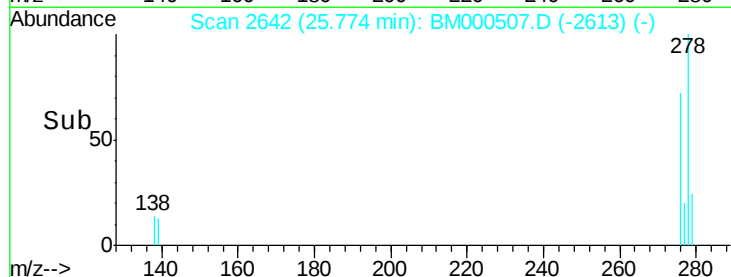
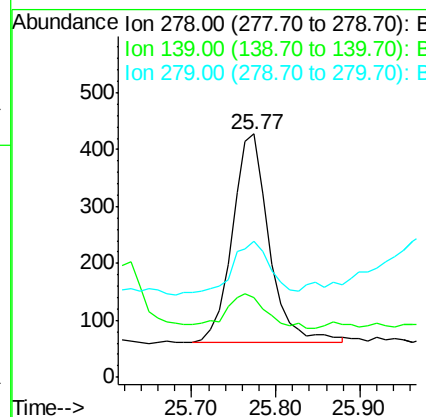
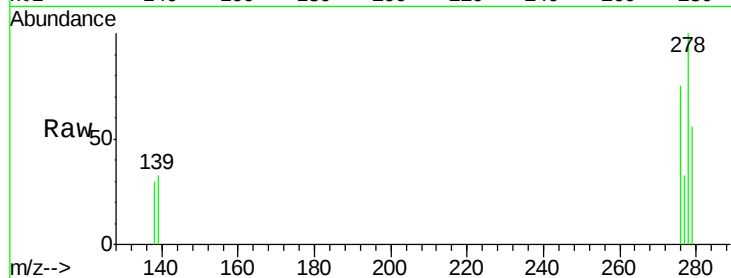


#25
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.77 min Scan# 2642
Delta R.T. -0.00 min
Lab File: BM000507.D
Acq: 12 Feb 2015 17:51

Instrument :
BNA_M
ClientSampleId :
A4FN5

Tgt Ion: 278 Resp: 1117

Ion	Ratio	Lower	Upper
278	100		
139	32.9	12.5	18.7#
279	56.1	22.2	33.2#



#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: BM000507.D
Acq: 12 Feb 2015 17:51

Tgt Ion: 276 Resp: 1282

Ion	Ratio	Lower	Upper
276	100		
277	37.1	19.2	28.8#
138	31.1	16.0	24.0#

