

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
 Data File : BM003182.D
 Acq On : 19 Nov 2015 04:35
 Operator : UM/IZ
 Sample : G4323-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HW0

Quant Time: Nov 19 07:16:41 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 19 03:20:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	29720	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	116453	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	70158	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	161526	0.40	ng/ul	0.00
18) Chrysene-d12	21.32	240	230957	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	227310	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.20	96	100455	3.16	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	29523	0.19	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	61149	0.15	ng/ul	0.00

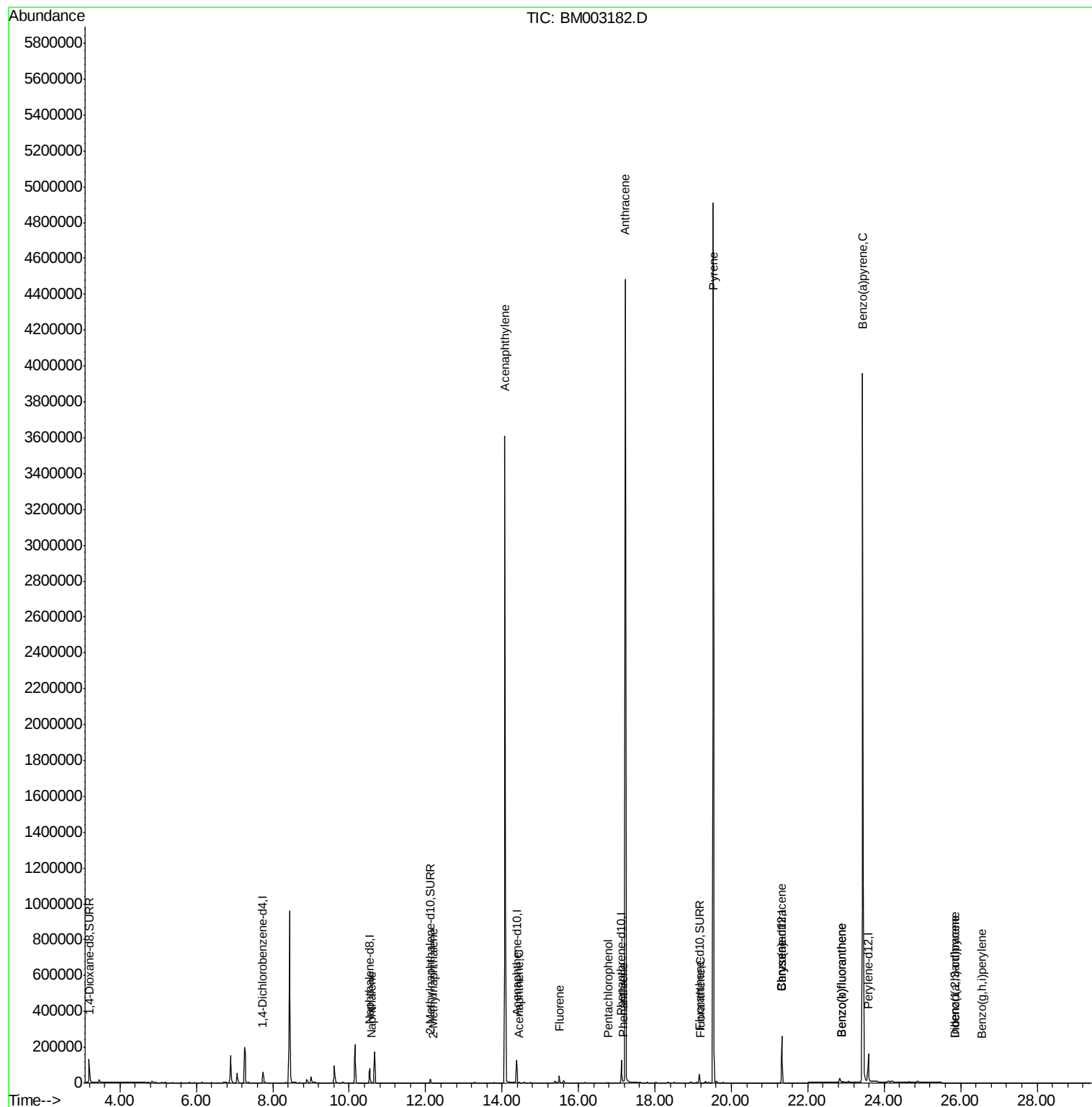
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	10.58	128	3348	0.01	ng/ul#	85
7) 2-Methylnaphthalene	12.19	142	414	0.00	ng/ul#	100
9) Acenaphthylene	14.07	152	441	0.00	ng/ul#	1
10) Acenaphthene	14.45	153	446	0.00	ng/ul#	84
11) Fluorene	15.49	166	535	0.00	ng/ul#	1
13) Pentachlorophenol	16.78	266	1122	0.03	ng/ul#	20
14) Phenanthrene	17.17	178	10782	0.02	ng/ul#	91
15) Anthracene	17.23	178	2536	0.01	ng/ul#	1
17) Fluoranthene	19.19	202	1750	0.00	ng/ul	56
19) Pyrene	19.53	202	10177	0.01	ng/ul#	1
20) Benzo(a)anthracene	21.32	228	1301	0.00	ng/ul#	72
21) Chrysene	21.32	228	1301	0.00	ng/ul#	76
23) Benzo(b)fluoranthene	22.90	252	849	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.90	252	860	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.44	252	20466	0.03	ng/ul#	70
26) Indeno(1,2,3-cd)pyrene	25.85	276	355	0.00	ng/ul#	100
27) Dibenzo(a,h)anthracene	25.86	278	602	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.55	276	449	0.00	ng/ul#	1

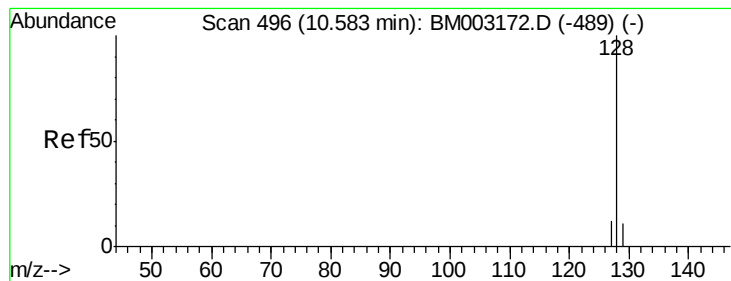
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.01 ng/ul

RT: 10.58 min Scan# 496

Delta R.T. 0.00 min

Lab File: BM003182.D

Acq: 19 Nov 2015 04:35

Instrument :

BNA_M

ClientSampleId :

A4HW0

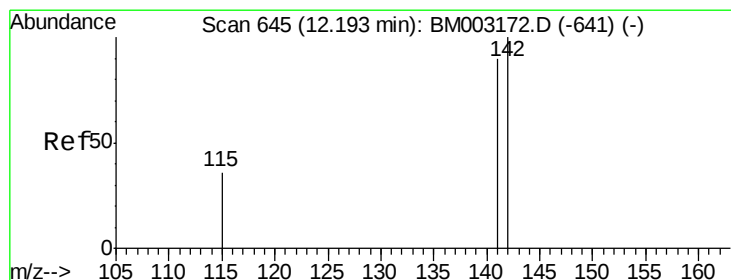
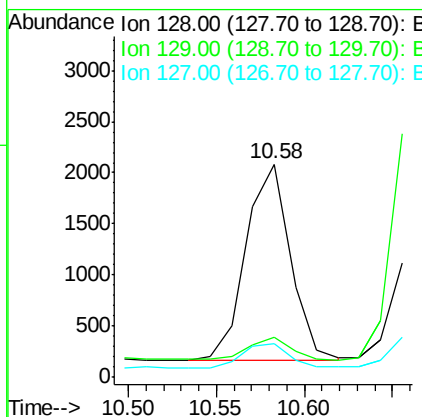
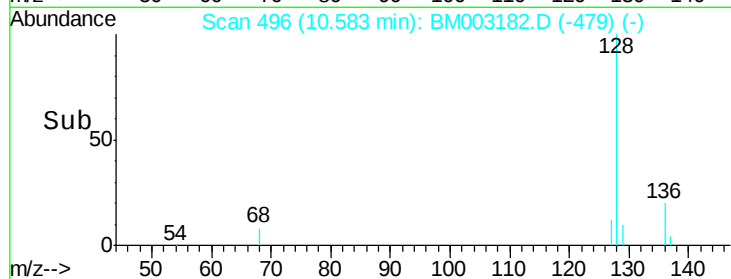
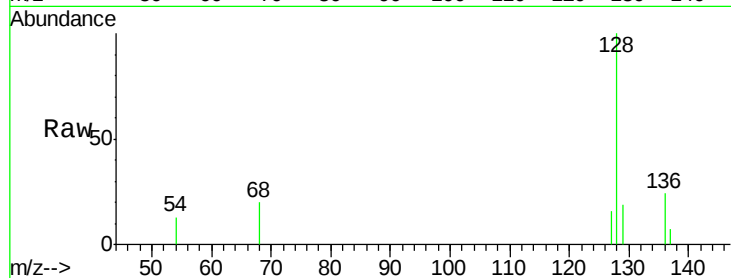
Tgt Ion:128 Resp: 3348

Ion Ratio Lower Upper

128 100

129 19.0 9.0 13.6#

127 15.9 9.6 14.4#



#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.19 min Scan# 645

Delta R.T. 0.00 min

Lab File: BM003182.D

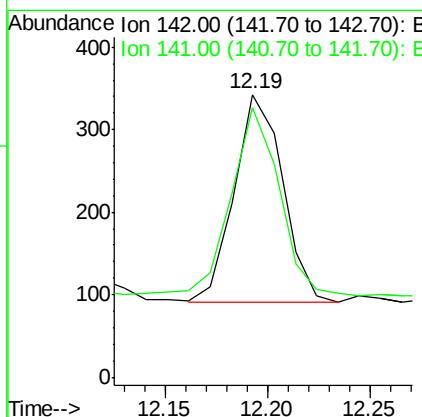
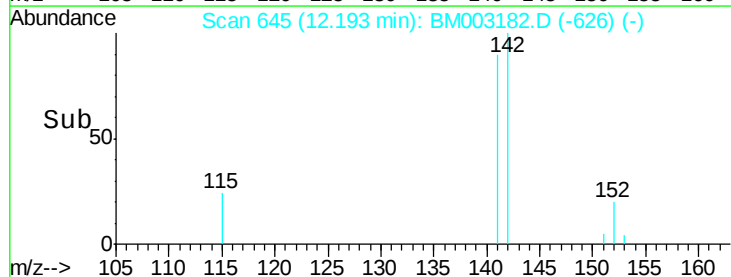
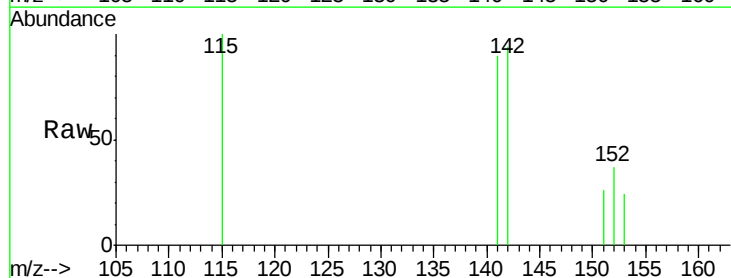
Acq: 19 Nov 2015 04:35

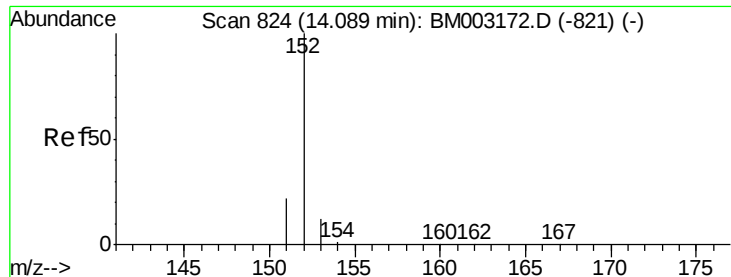
Tgt Ion:142 Resp: 414

Ion Ratio Lower Upper

142 100

141 109.4 0.0 0.0#





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.07 min Scan# 823

Delta R.T. -0.02 min

Lab File: BM003182.D

Acq: 19 Nov 2015 04:35

Instrument :

BNA_M

ClientSampleId :

A4HW0

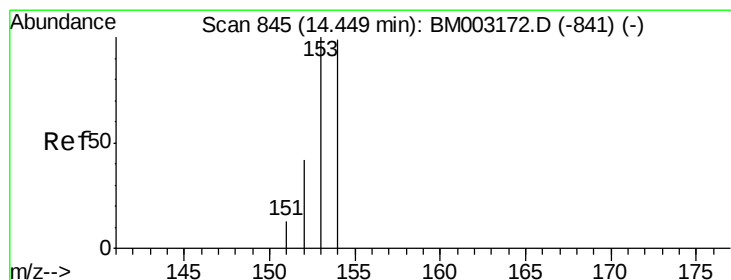
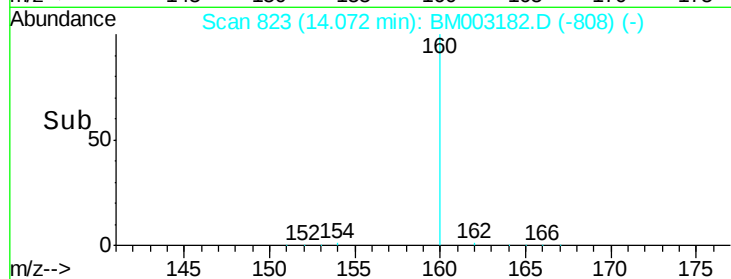
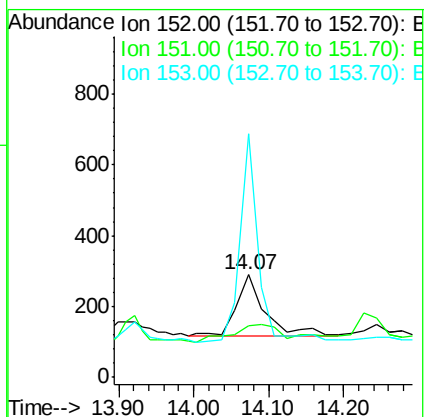
Tgt Ion:152 Resp: 441

Ion Ratio Lower Upper

152 100

151 50.0 17.6 26.4#

153 237.2 9.7 14.5#



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.45 min Scan# 845

Delta R.T. 0.00 min

Lab File: BM003182.D

Acq: 19 Nov 2015 04:35

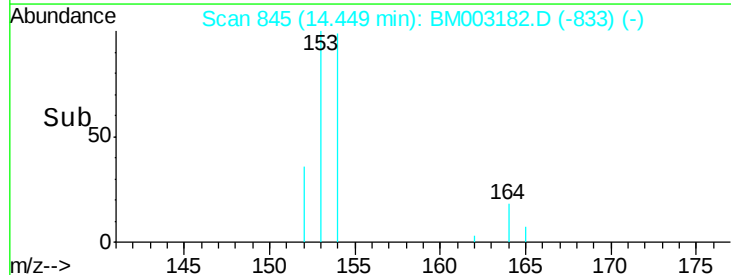
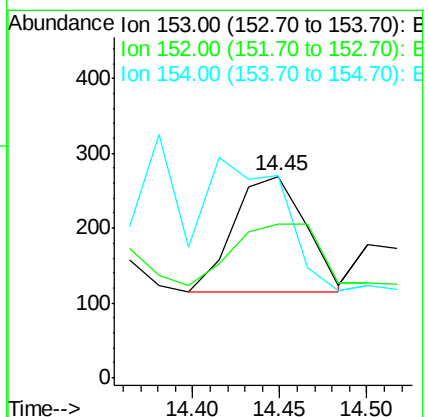
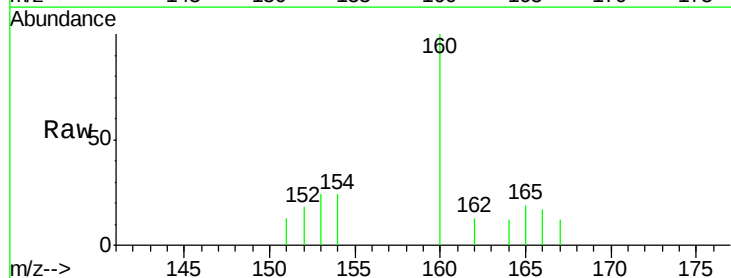
Tgt Ion:153 Resp: 446

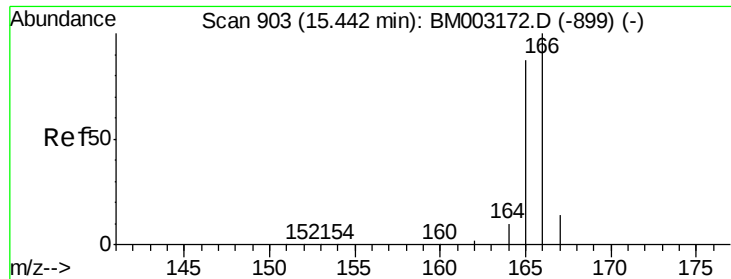
Ion Ratio Lower Upper

153 100

152 76.6 33.9 50.9#

154 100.4 80.6 121.0





#11

Fluorene

Concen: 0.00 ng/ul

RT: 15.49 min Scan# 906

Delta R.T. 0.05 min

Lab File: BM003182.D

Acq: 19 Nov 2015 04:35

Instrument :

BNA_M

ClientSampleId :

A4HW0

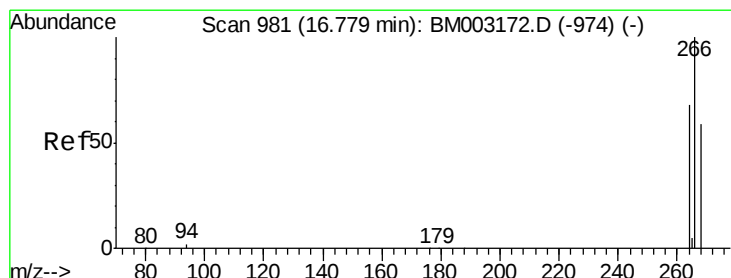
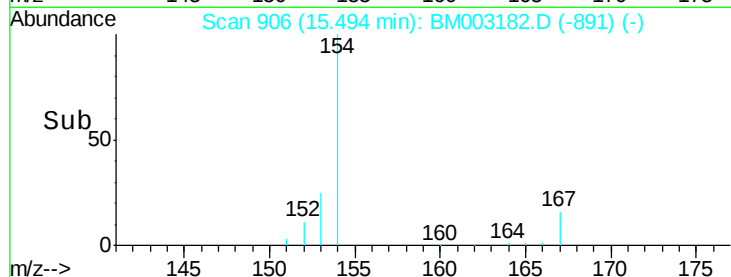
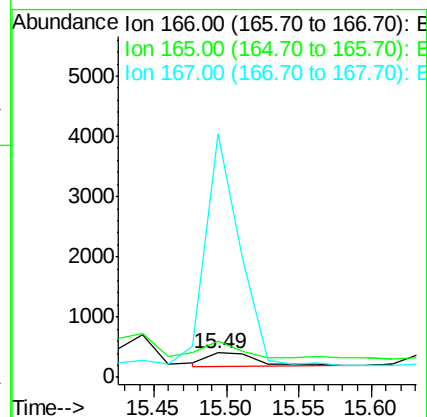
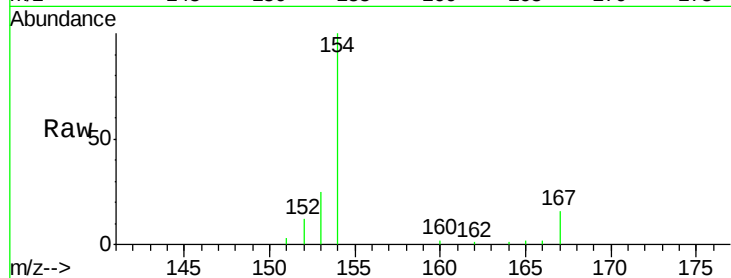
Tgt Ion:166 Resp: 535

Ion Ratio Lower Upper

166 100

165 148.9 69.6 104.4#

167 1007.7 11.9 17.9#



#13

Pentachlorophenol

Concen: 0.03 ng/ul

RT: 16.78 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM003182.D

Acq: 19 Nov 2015 04:35

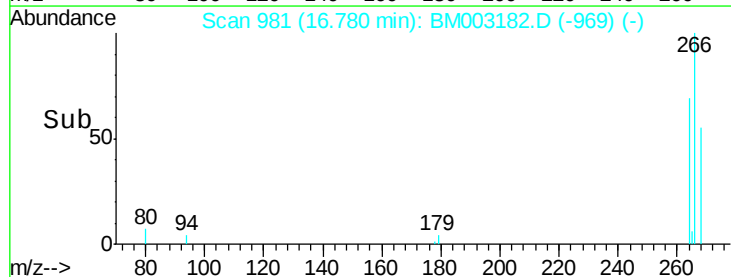
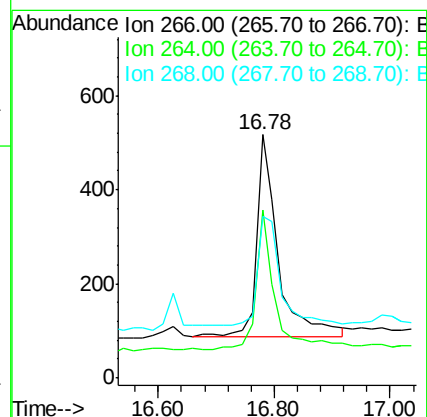
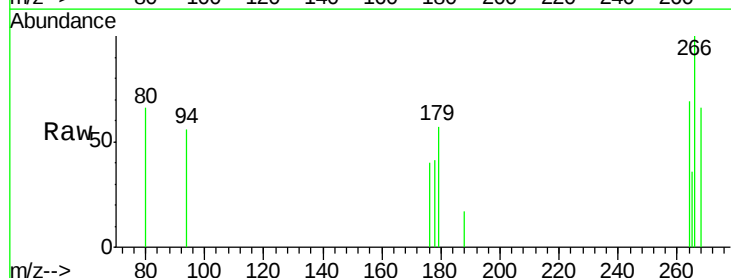
Tgt Ion:266 Resp: 1122

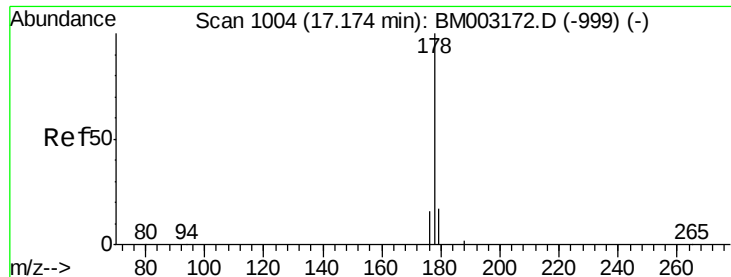
Ion Ratio Lower Upper

266 100

264 60.6 0.3 0.5#

268 58.4 0.0 0.0#





#14

Phenanthrene

Concen: 0.02 ng/ul

RT: 17.17 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BM003182.D

Acq: 19 Nov 2015 04:35

Instrument :

BNA_M

ClientSampleId :

A4HW0

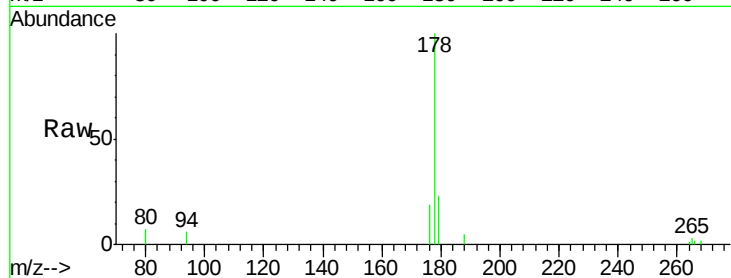
Tgt Ion:178 Resp: 10782

Ion Ratio Lower Upper

178 100

176 19.4 13.0 19.4

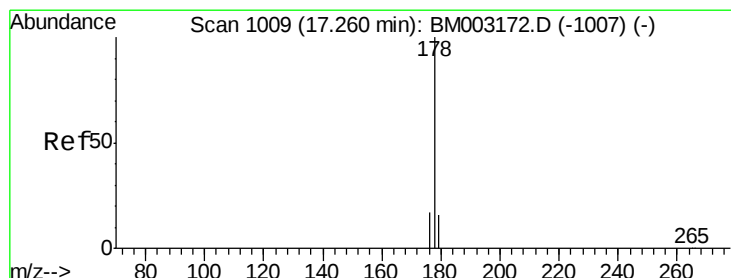
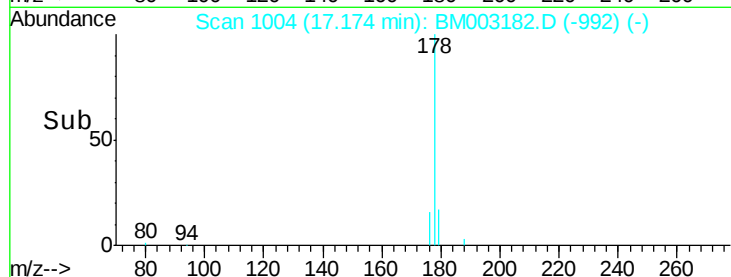
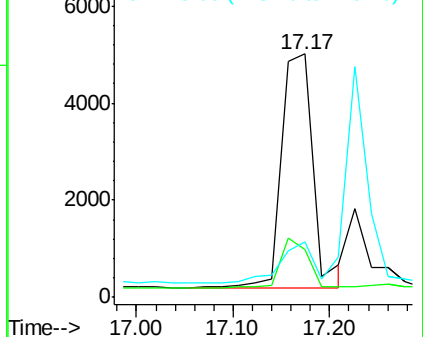
179 22.6 14.2 21.2#



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: 0.01 ng/ul

RT: 17.23 min Scan# 1007

Delta R.T. -0.03 min

Lab File: BM003182.D

Acq: 19 Nov 2015 04:35

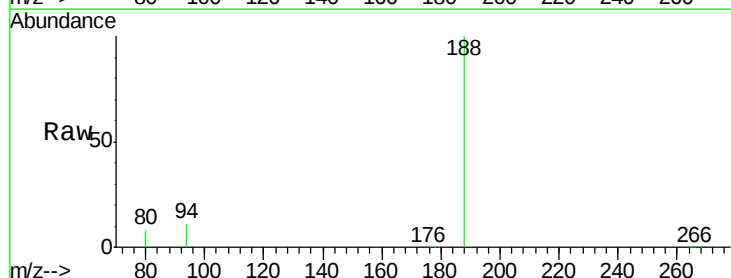
Tgt Ion:178 Resp: 2536

Ion Ratio Lower Upper

178 100

176 12.7 14.0 21.0#

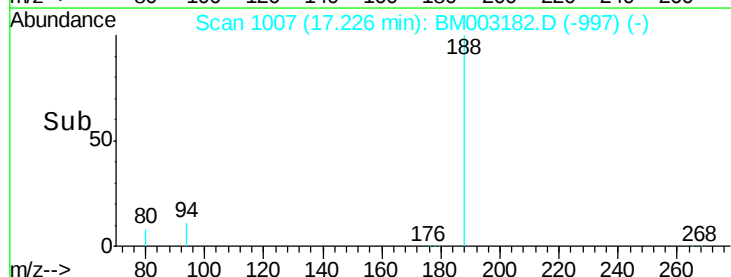
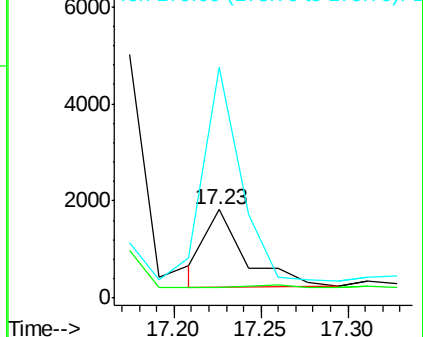
179 261.6 12.9 19.3#

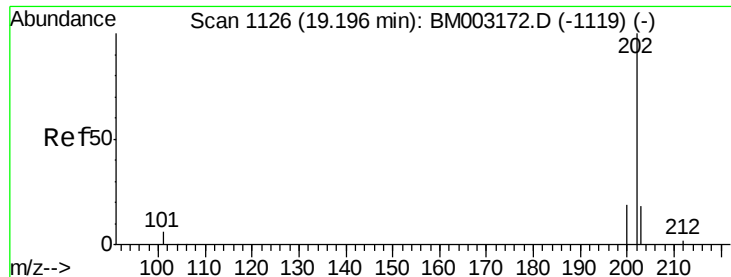


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

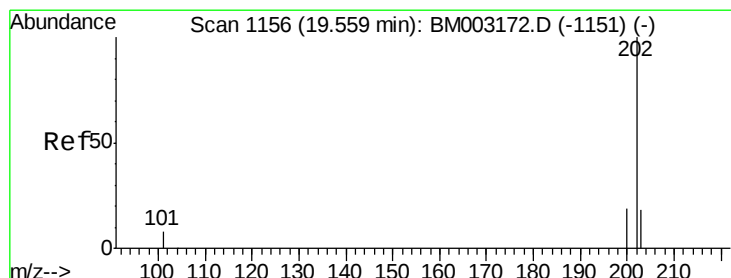
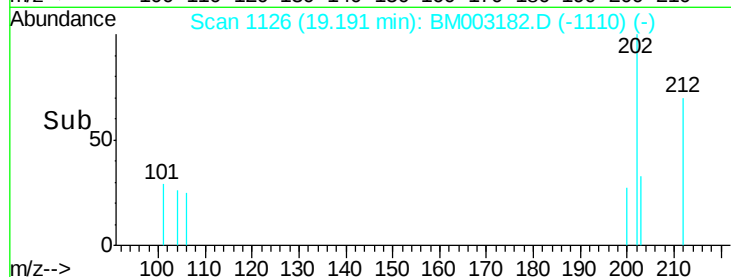
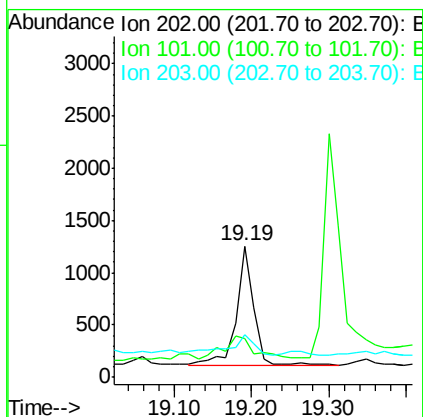
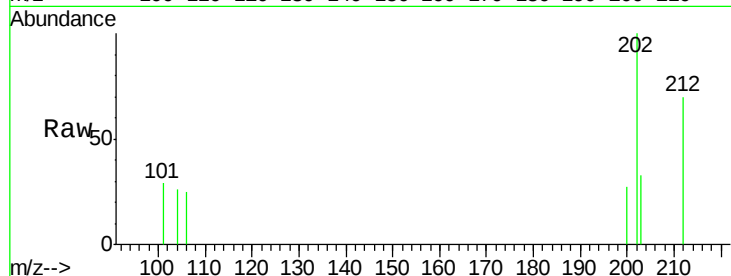




#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.19 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BM003182.D
Acq: 19 Nov 2015 04:35

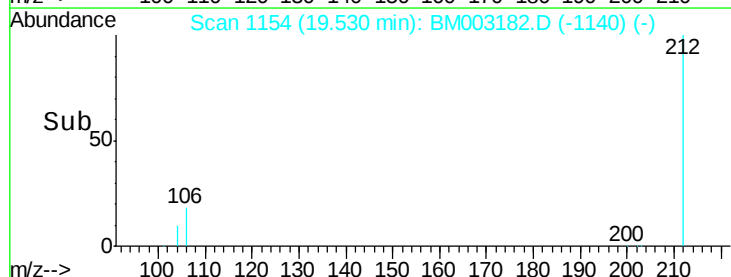
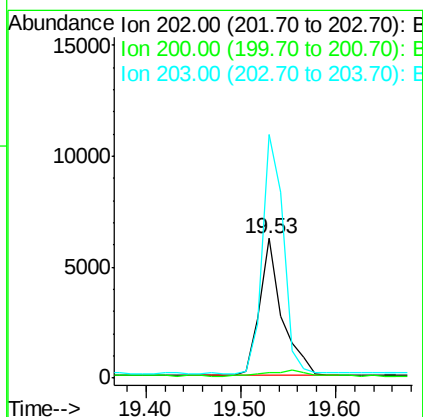
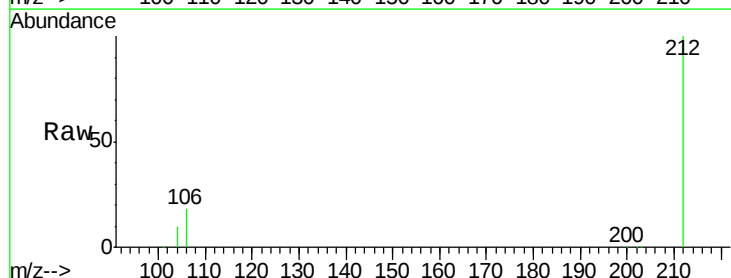
Instrument :
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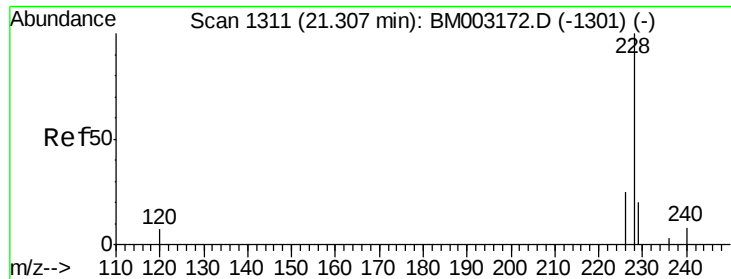
Tgt Ion:202 Resp: 1750
Ion Ratio Lower Upper
202 100
101 29.1 0.0 29.6
203 32.8 0.0 36.3



#19
Pyrene
Concen: 0.01 ng/ul
RT: 19.53 min Scan# 1154
Delta R.T. -0.03 min
Lab File: BM003182.D
Acq: 19 Nov 2015 04:35

Tgt Ion:202 Resp: 10177
Ion Ratio Lower Upper
202 100
200 3.9 17.8 26.8#
203 174.6 12.8 19.2#





#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.32 min Scan# 1313

Delta R.T. 0.02 min

Lab File: BM003182.D

Acq: 19 Nov 2015 04:35

Instrument :

BNA_M

ClientSampleId :

A4HW0

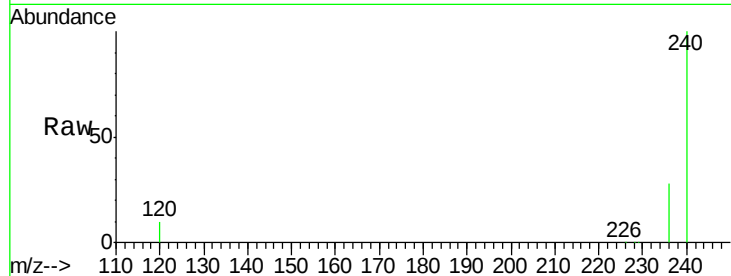
Tgt Ion:228 Resp: 1301

Ion Ratio Lower Upper

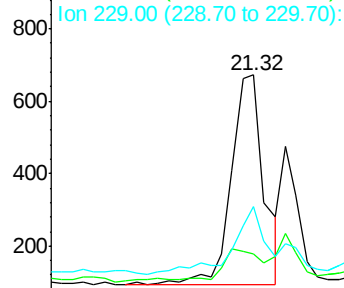
228 100

226 26.6 18.8 28.2

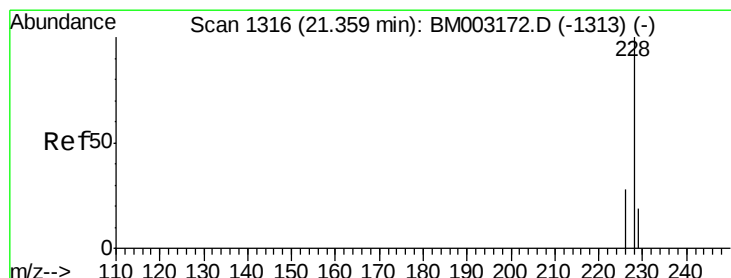
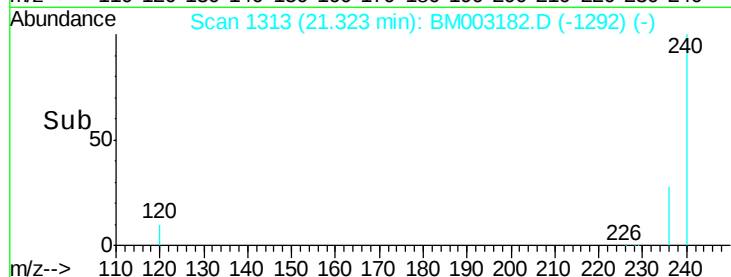
229 46.1 17.1 25.7#



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



Time-->



#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.32 min Scan# 1313

Delta R.T. -0.04 min

Lab File: BM003182.D

Acq: 19 Nov 2015 04:35

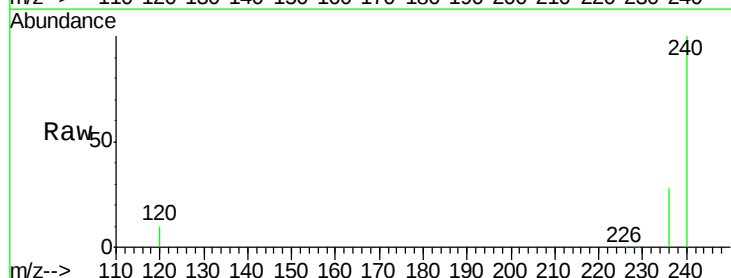
Tgt Ion:228 Resp: 1301

Ion Ratio Lower Upper

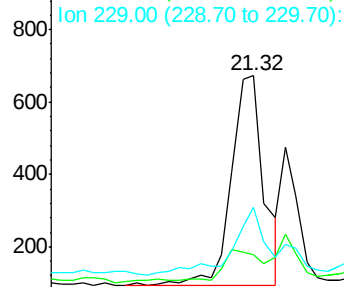
228 100

226 26.6 21.2 31.8

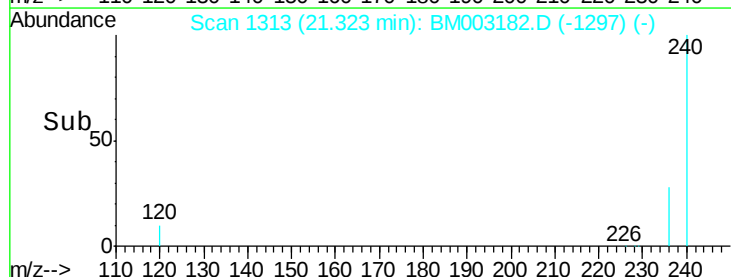
229 46.1 17.0 25.6#

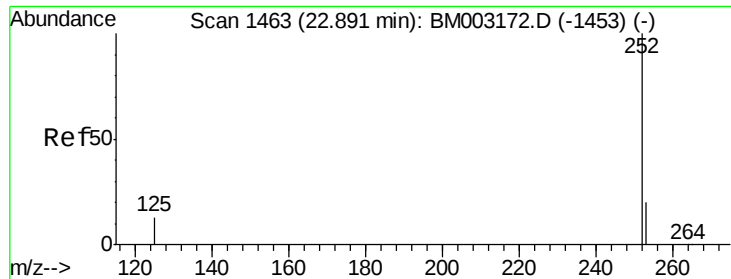


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.90 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BM003182.D

Acq: 19 Nov 2015 04:35

Instrument :

BNA_M

ClientSampleId :

A4HW0

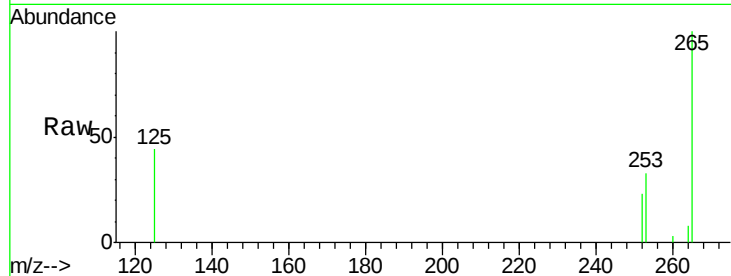
Tgt Ion:252 Resp: 849

Ion Ratio Lower Upper

252 100

253 143.3 0.0 45.4#

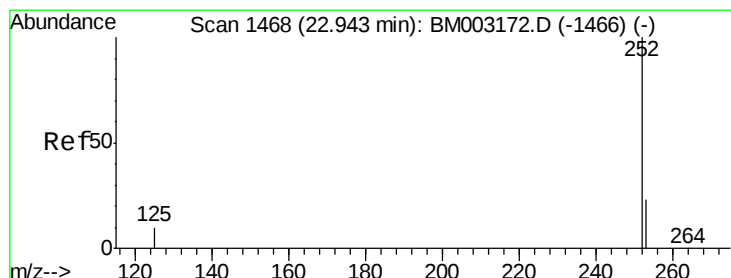
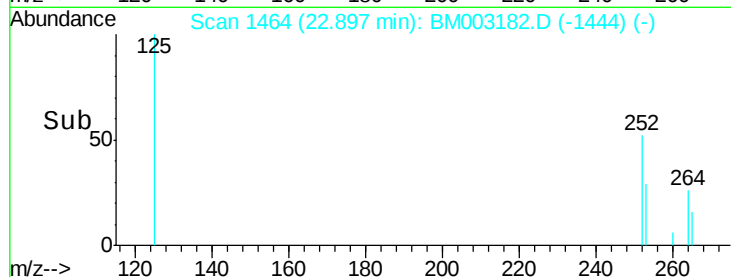
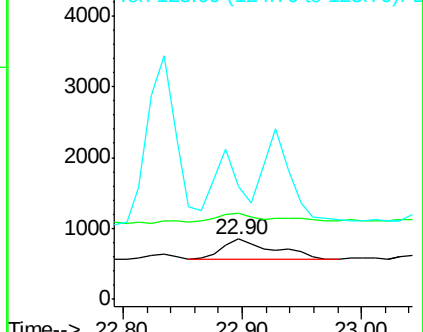
125 189.0 0.0 28.8#



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

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 22.90 min Scan# 1464

Delta R.T. -0.05 min

Lab File: BM003182.D

Acq: 19 Nov 2015 04:35

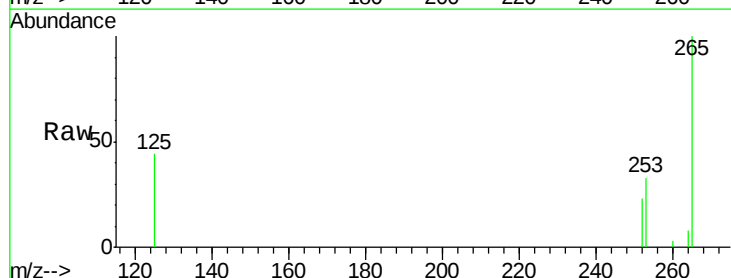
Tgt Ion:252 Resp: 860

Ion Ratio Lower Upper

252 100

253 143.3 19.8 29.8#

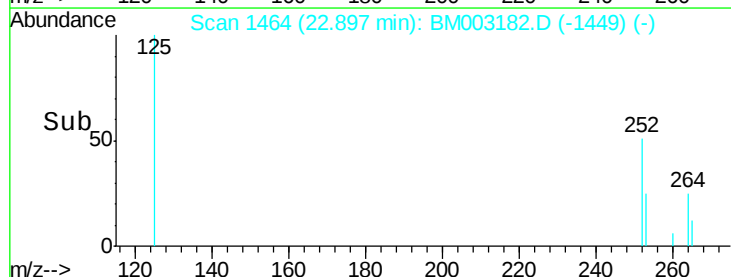
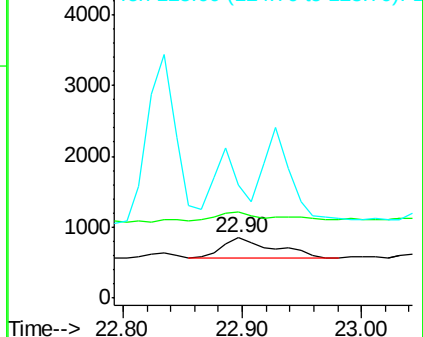
125 189.0 10.4 15.6#

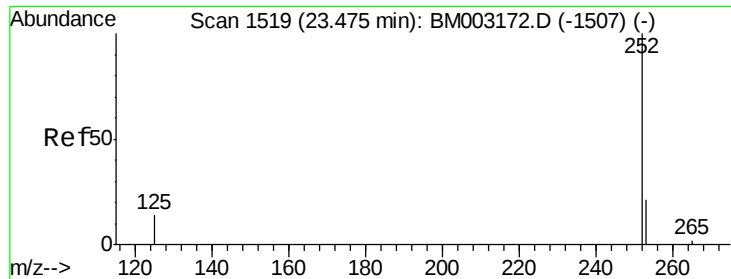


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.03 ng/u1

RT: 23.44 min Scan# 1516

Delta R.T. -0.04 min

Lab File: BM003182.D

Acq: 19 Nov 2015 04:35

Instrument :

BNA_M

ClientSampleId :

A4HW0

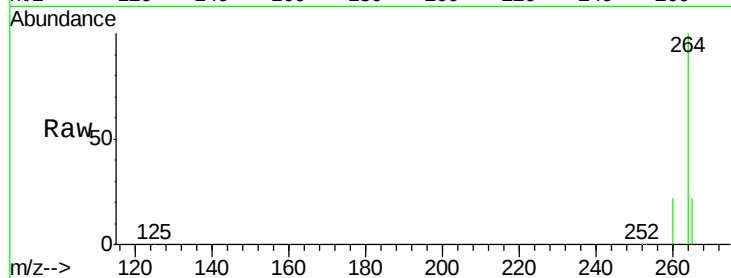
Tgt Ion:252 Resp: 20466

Ion Ratio Lower Upper

252 100

253 36.5 19.4 29.2#

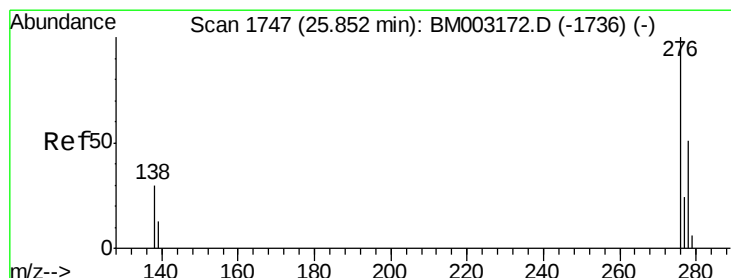
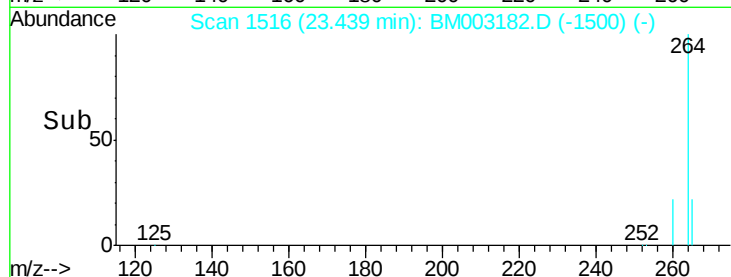
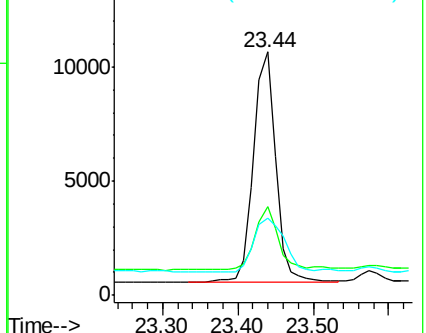
125 31.7 12.7 19.1#



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/u1

RT: 25.85 min Scan# 1747

Delta R.T. -0.00 min

Lab File: BM003182.D

Acq: 19 Nov 2015 04:35

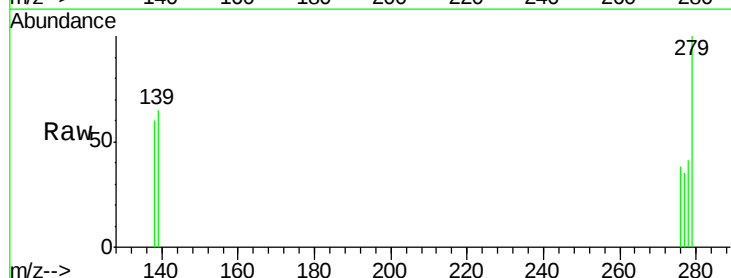
Tgt Ion:276 Resp: 355

Ion Ratio Lower Upper

276 100

138 0.0 0.0 0.0

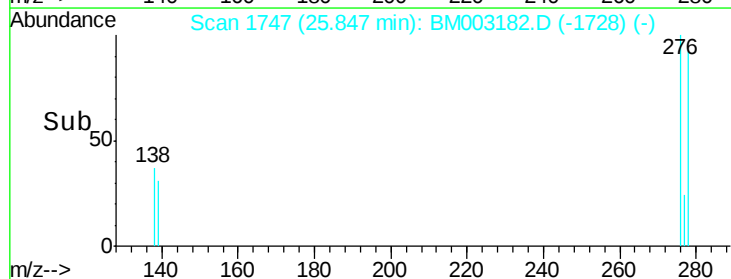
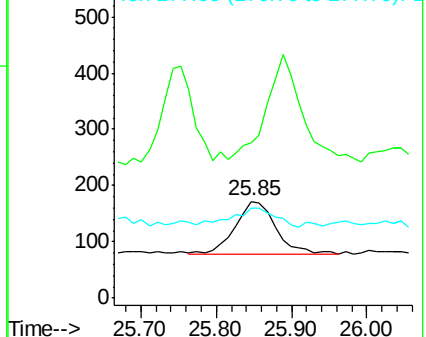
277 39.4 0.0 0.0#

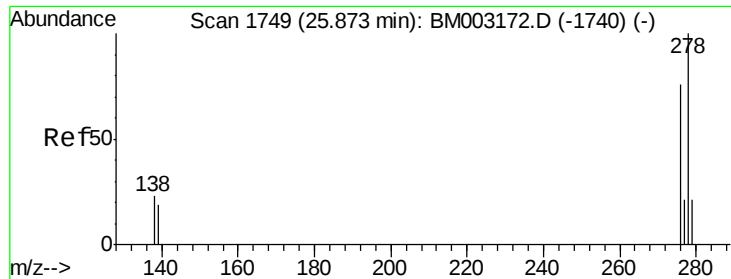


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



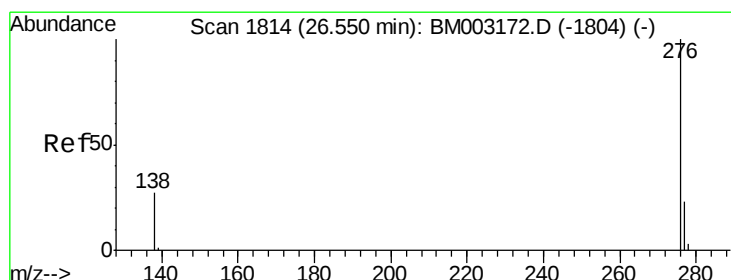
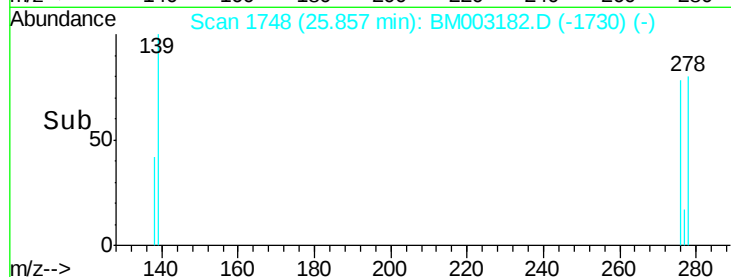
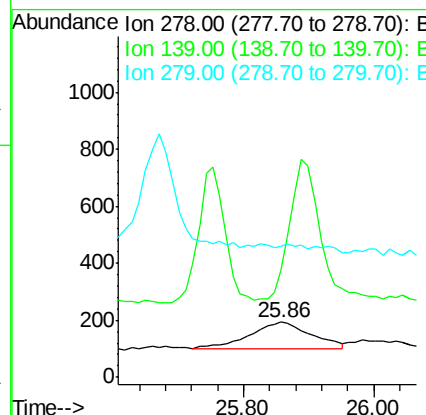
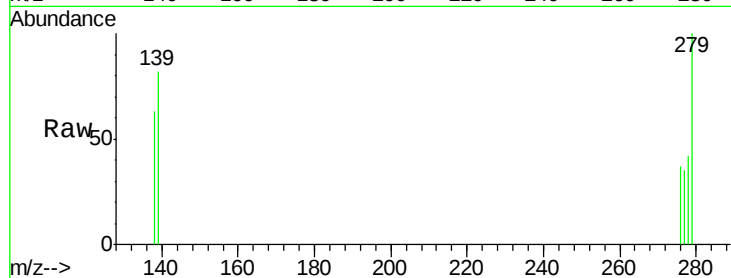


#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.86 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BM003182.D
Acq: 19 Nov 2015 04:35

Instrument :
BNA_M
ClientSampleId :
A4HW0

Tgt Ion: 278 Resp: 602

Ion	Ratio	Lower	Upper
278	100		
139	193.3	16.4	24.6#
279	236.6	20.2	30.2#



#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.55 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BM003182.D
Acq: 19 Nov 2015 04:35

Tgt Ion: 276 Resp: 449

Ion	Ratio	Lower	Upper
276	100		
277	87.4	18.9	28.3#
138	153.4	22.5	33.7#

