

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111915\
 Data File : BM003202.D
 Acq On : 19 Nov 2015 22:32
 Operator : UM/IZ
 Sample : G4323-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HW3

Quant Time: Nov 20 03:41:23 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 : Fri Nov 20 03:16:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	15061	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	57788	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	30791	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	4123140	0.40	ng/ul	0.10
18) Chrysene-d12	21.33	240	58937	0.40	ng/ul	0.00
22) Perylene-d12	23.44	264	3950600	0.40	ng/ul	-0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.20	96	92385	5.74	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	23146	0.29	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	43420	0.00	ng/ul	0.00

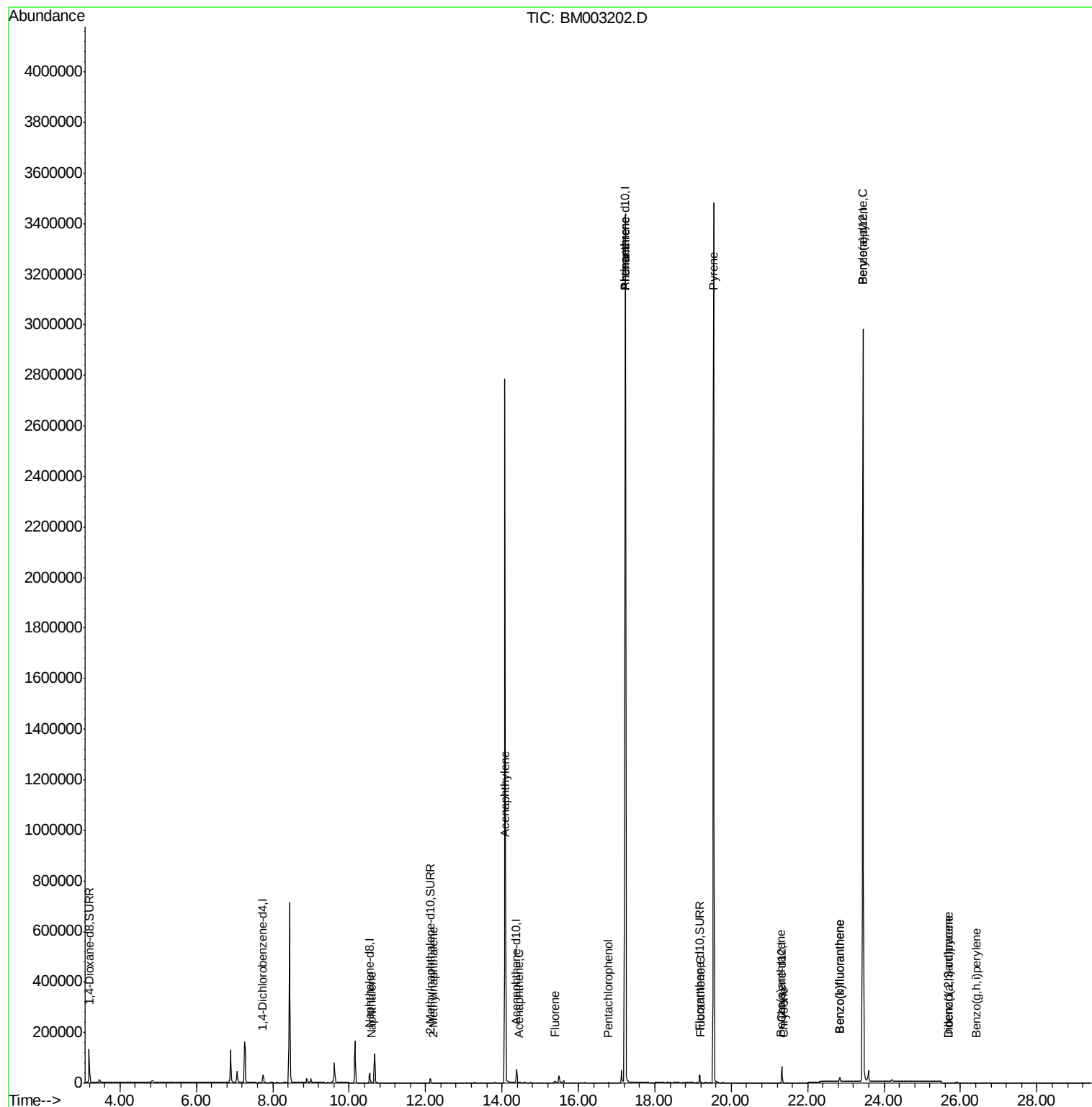
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	10.58	128	3079	0.02	ng/ul#	86
7) 2-Methylnaphthalene	12.19	142	344	0.00	ng/ul#	100
9) Acenaphthylene	14.09	152	593	0.00	ng/ul#	1
10) Acenaphthene	14.45	153	293	0.00	ng/ul#	81
11) Fluorene	15.39	166	8411	0.07	ng/ul#	18
13) Pentachlorophenol	16.78	266	679	0.00	ng/ul#	31
14) Phenanthrene	17.23	178	2140	0.00	ng/ul#	1
15) Anthracene	17.23	178	2214	0.00	ng/ul#	1
17) Fluoranthene	19.20	202	3436	0.00	ng/ul	84
19) Pyrene	19.54	202	9332	0.05	ng/ul#	1
20) Benzo(a)anthracene	21.31	228	1320	0.01	ng/ul#	74
21) Chrysene	21.36	228	1609	0.01	ng/ul#	78
23) Benzo(b)fluoranthene	22.84	252	123	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.84	252	123	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.44	252	16592	0.00	ng/ul#	66
26) Indeno(1,2,3-cd)pyrene	25.68	276	36	0.00	ng/ul#	100
27) Dibenzo(a,h)anthracene	25.68	278	15	0.00	ng/ul#	1
28) Benzo(a,h,i)perylene	26.40	276	37	0.00	ng/ul#	1

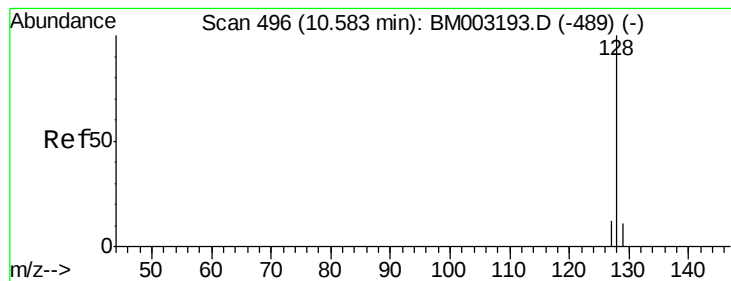
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111915\
Data File : BM003202.D
Acq On : 19 Nov 2015 22:32
Operator : UM/IZ
Sample : G4323-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HW3

Quant Time: Nov 20 03:41:23 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 : Fri Nov 20 03:16:26 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.02 ng/ul

RT: 10.58 min Scan# 496

Delta R.T. 0.00 min

Lab File: BM003202.D

Acq: 19 Nov 2015 22:32

Instrument :

BNA_M

ClientSampleId :

A4HW3

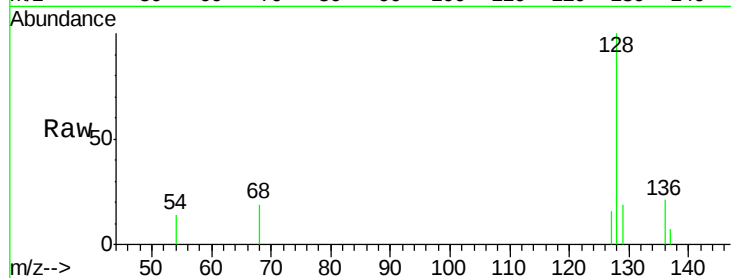
Tot Ion:128 Resp: 3079

Ion Ratio Lower Upper

128 100

129 18.6 9.0 13.6#

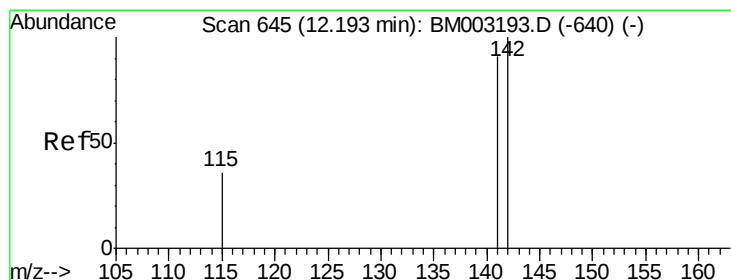
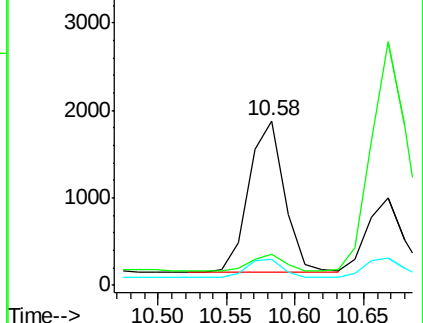
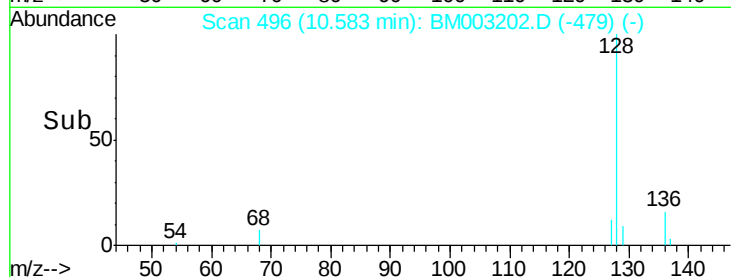
127 15.8 9.6 14.4#



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



#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.19 min Scan# 645

Delta R.T. 0.00 min

Lab File: BM003202.D

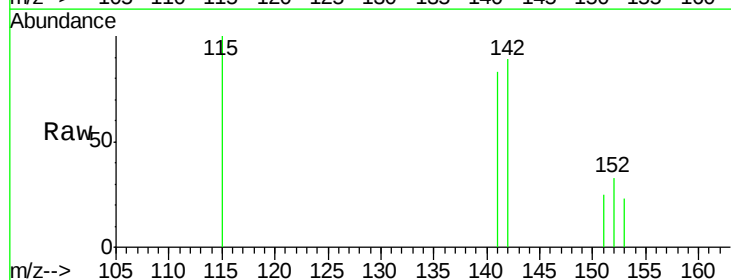
Acq: 19 Nov 2015 22:32

Tgt Ion:142 Resp: 344

Ion Ratio Lower Upper

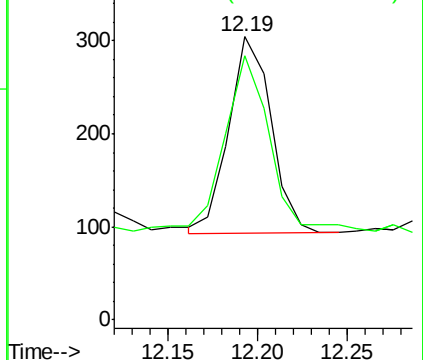
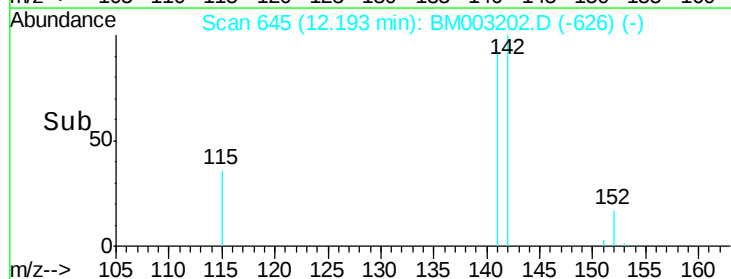
142 100

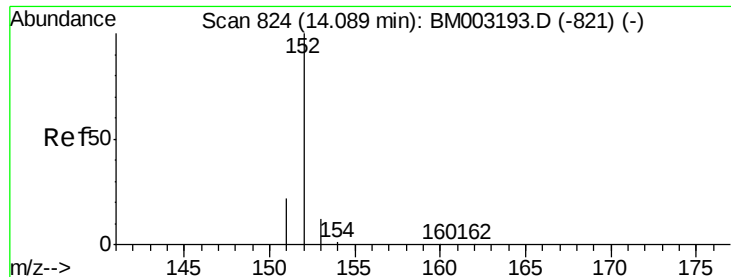
141 94.5 0.0 0.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BM003202.D

Acq: 19 Nov 2015 22:32

Instrument :

BNA_M

ClientSampled :

A4HW3

Tot Ion:152 Resp: 593

Ion Ratio Lower Upper

152 100

151 52.3 17.6 26.4#

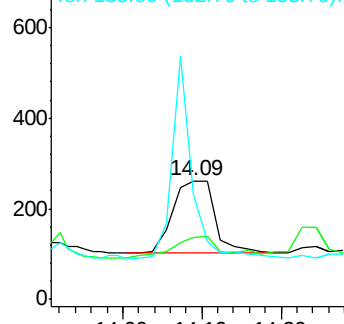
153 88.9 9.7 14.5#



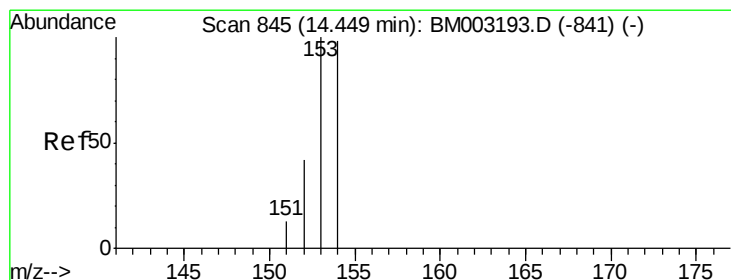
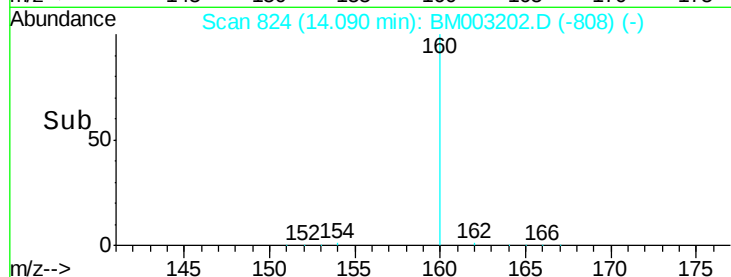
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.45 min Scan# 845

Delta R.T. 0.00 min

Lab File: BM003202.D

Acq: 19 Nov 2015 22:32

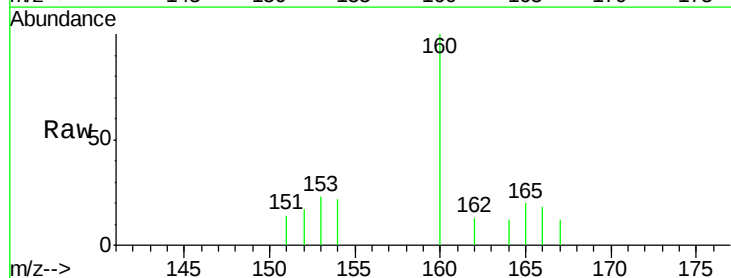
Tgt Ion:153 Resp: 293

Ion Ratio Lower Upper

153 100

152 76.0 33.9 50.9#

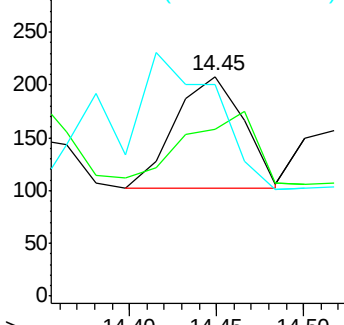
154 96.6 80.6 121.0



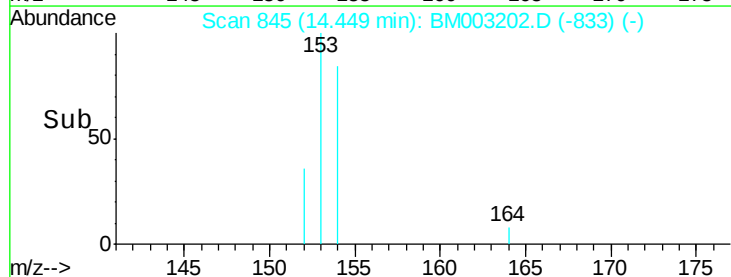
Abundance Ion 153.00 (152.70 to 153.70): E

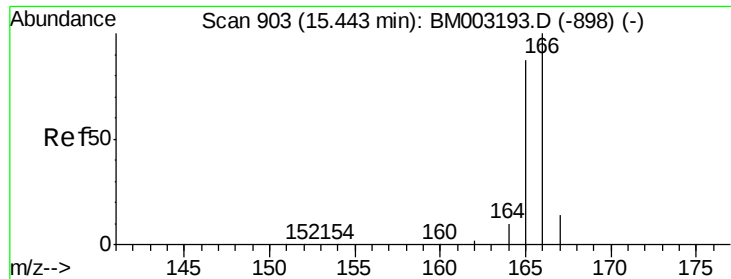
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->





#11

Fluorene

Concen: 0.07 ng/ul

RT: 15.39 min Scan# 900

Delta R.T. -0.05 min

Lab File: BM003202.D

Acq: 19 Nov 2015 22:32

Instrument :

BNA_M

ClientSampleId :

A4HW3

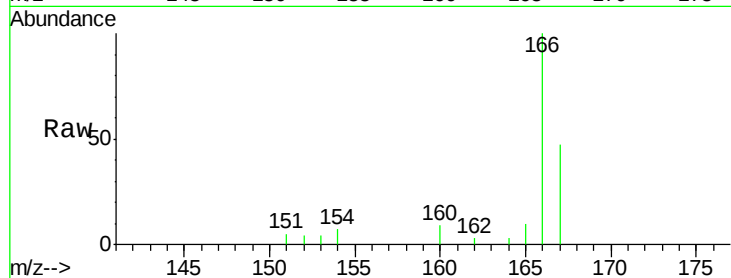
Tot Ion:166 Resp: 8411

Ion Ratio Lower Upper

166 100

165 10.4 69.6 104.4#

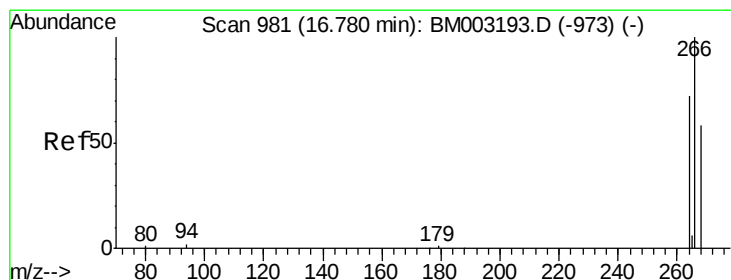
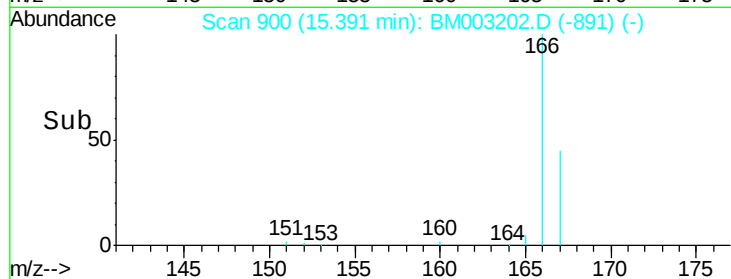
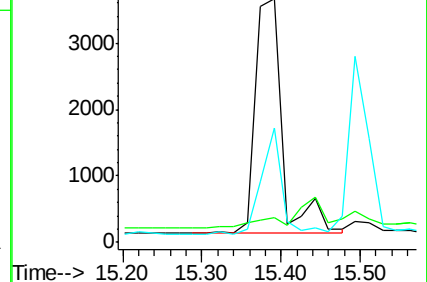
167 46.9 11.9 17.9#



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: 16.78 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM003202.D

Acq: 19 Nov 2015 22:32

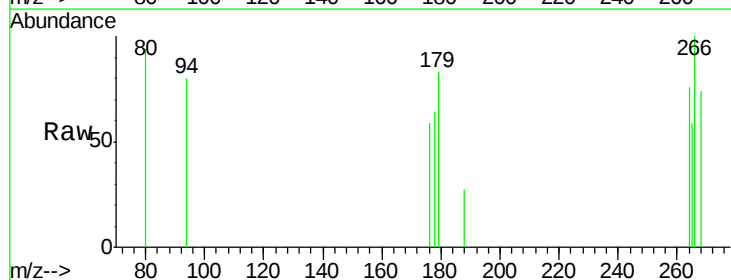
Tgt Ion:266 Resp: 679

Ion Ratio Lower Upper

266 100

264 52.4 0.3 0.5#

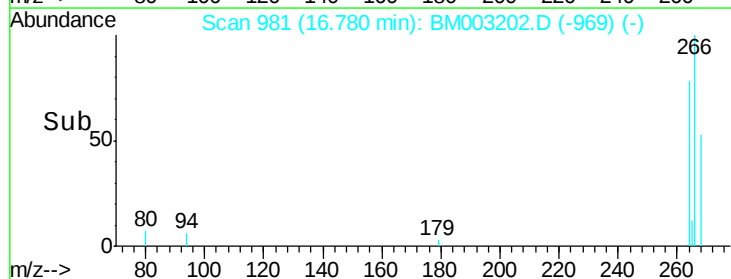
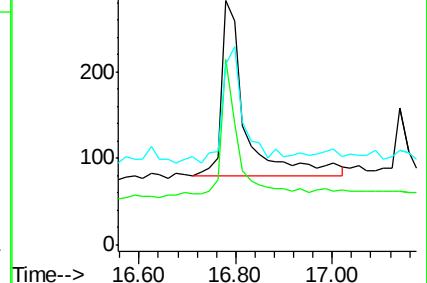
268 60.5 0.0 0.0#

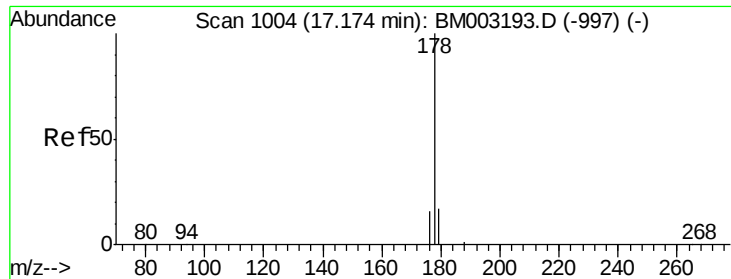


Abundance Ion 266.00 (265.70 to 266.70): E

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: 17.23 min Scan# 1007

Delta R.T. 0.05 min

Lab File: BM003202.D

Acq: 19 Nov 2015 22:32

Instrument :

BNA_M

ClientSampleId :

A4HW3

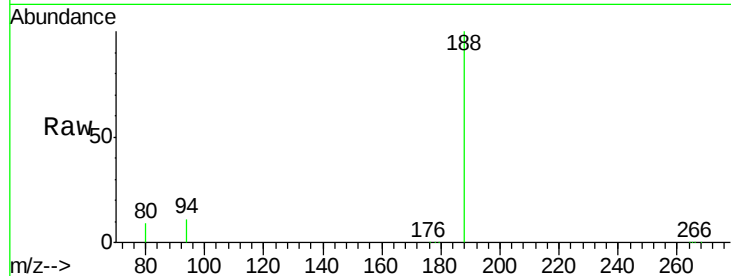
Tot Ion:178 Resp: 2140

Ion Ratio Lower Upper

178 100

176 14.0 13.0 19.4

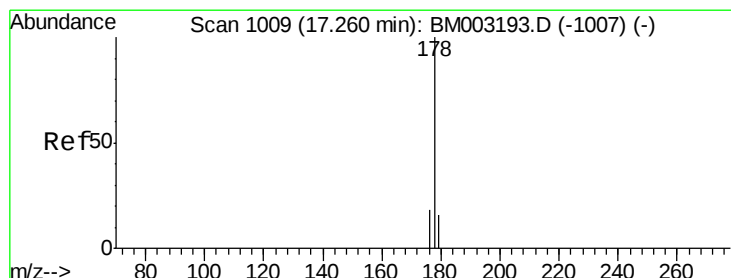
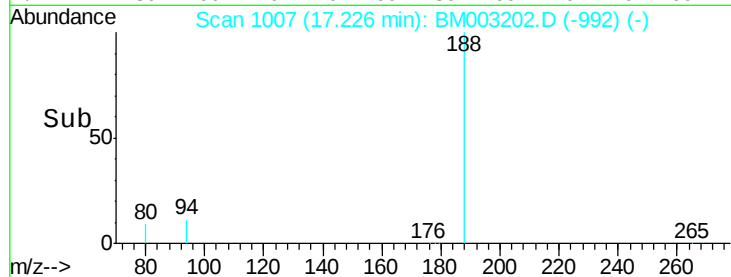
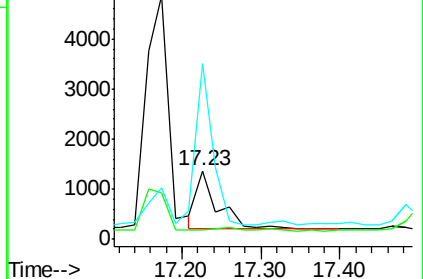
179 255.4 14.2 21.2#



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: 17.23 min Scan# 1007

Delta R.T. -0.03 min

Lab File: BM003202.D

Acq: 19 Nov 2015 22:32

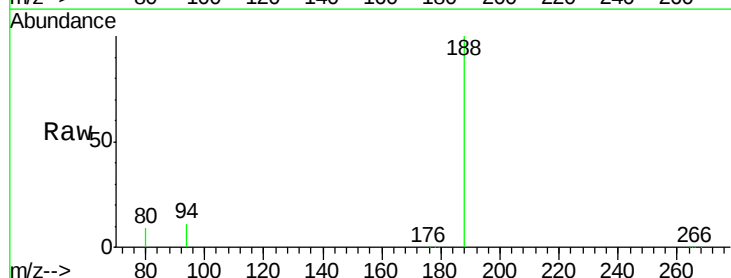
Tgt Ion:178 Resp: 2214

Ion Ratio Lower Upper

178 100

176 14.0 14.0 21.0

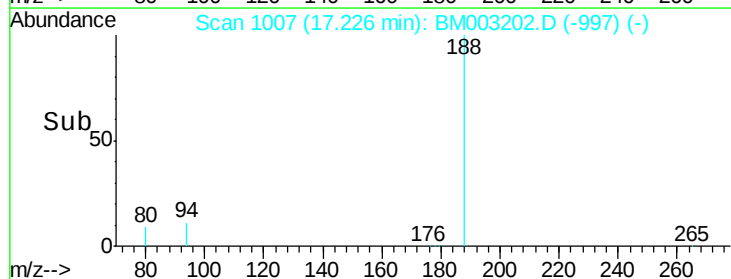
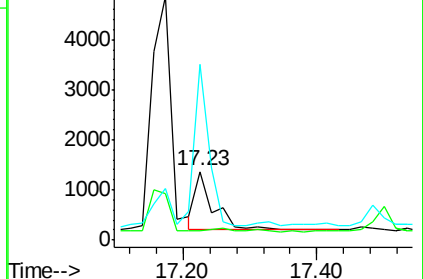
179 255.4 12.9 19.3#

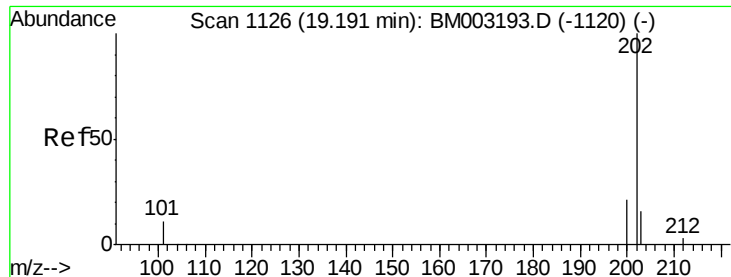


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

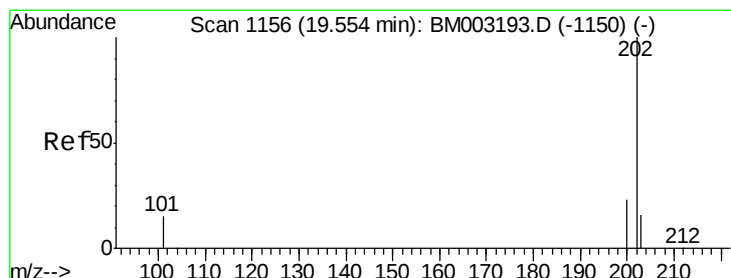
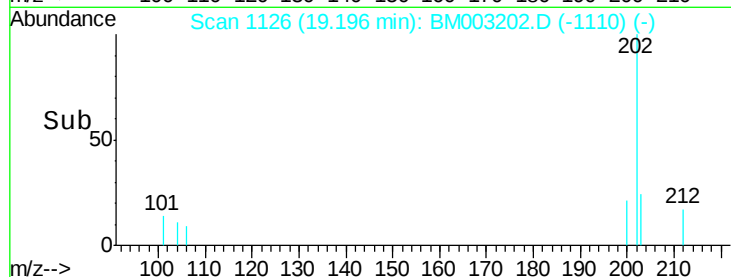
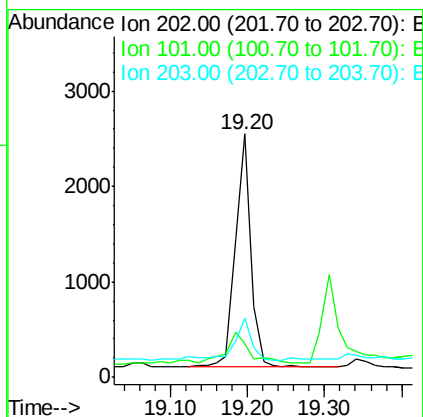
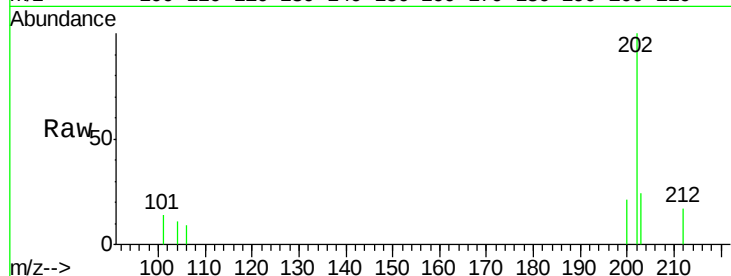




#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.20 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BM003202.D
Acq: 19 Nov 2015 22:32

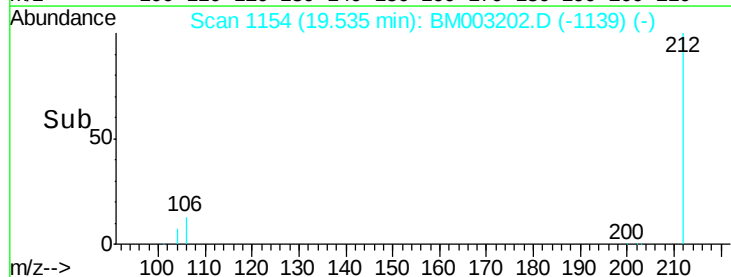
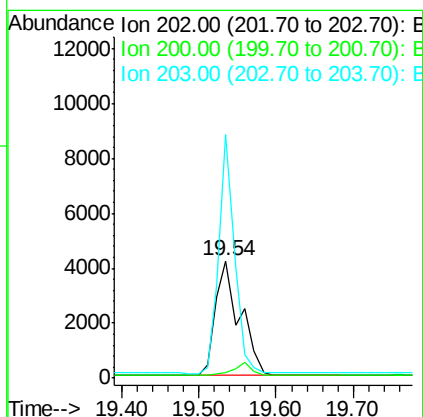
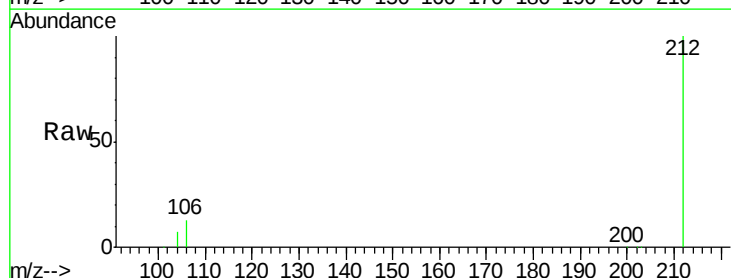
Instrument :
BNA_M
ClientSampleId :
A4HW3

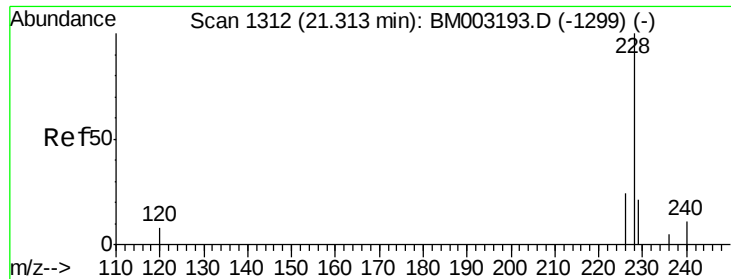
Tot Ion:202 Resp: 3436
Ion Ratio Lower Upper
202 100
101 13.8 0.0 29.6
203 24.3 0.0 36.3



#19
Pyrene
Concen: 0.05 ng/ul
RT: 19.54 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BM003202.D
Acq: 19 Nov 2015 22:32

Tgt Ion:202 Resp: 9332
Ion Ratio Lower Upper
202 100
200 4.9 17.8 26.8#
203 207.4 12.8 19.2#





#20

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.31 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BM003202.D

Acq: 19 Nov 2015 22:32

Instrument :

BNA_M

ClientSampleId :

A4HW3

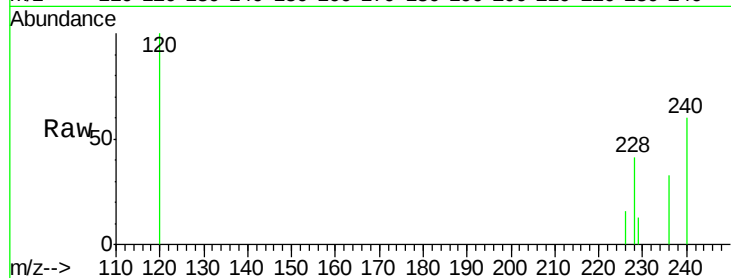
Tot Ion:228 Resp: 1320

Ion Ratio Lower Upper

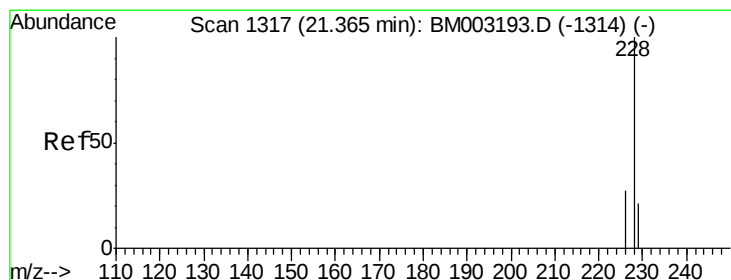
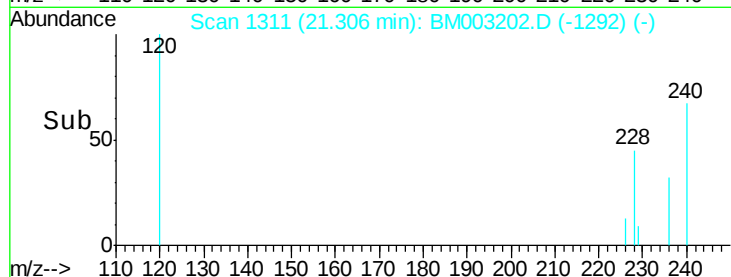
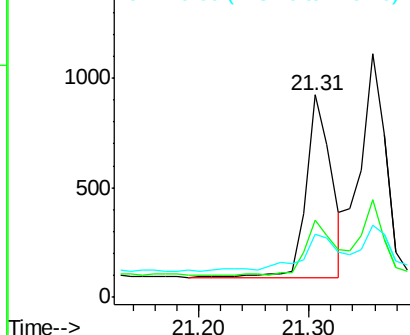
228 100

226 38.1 18.8 28.2#

229 31.3 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: 21.36 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BM003202.D

Acq: 19 Nov 2015 22:32

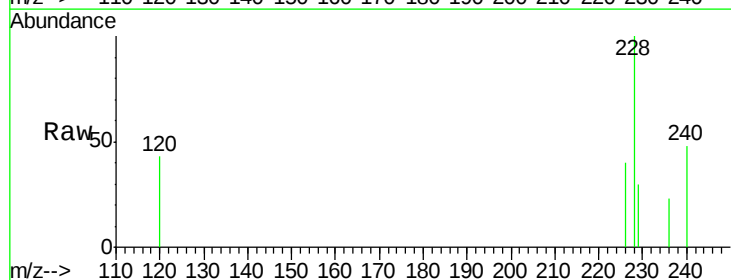
Tgt Ion:228 Resp: 1609

Ion Ratio Lower Upper

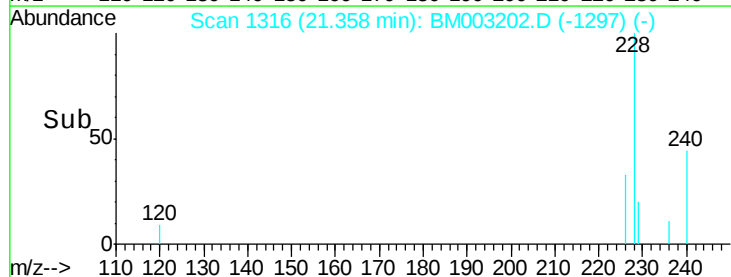
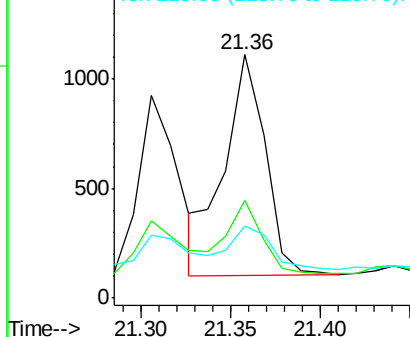
228 100

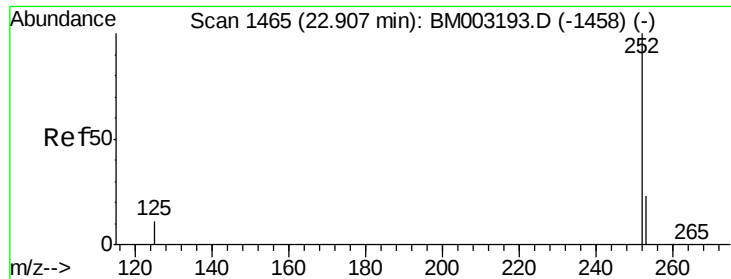
226 40.0 21.2 31.8#

229 29.7 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: 22.84 min Scan# 1458

Delta R.T. -0.07 min

Lab File: BM003202.D

Acq: 19 Nov 2015 22:32

Instrument :

BNA_M

ClientSampleId :

A4HW3

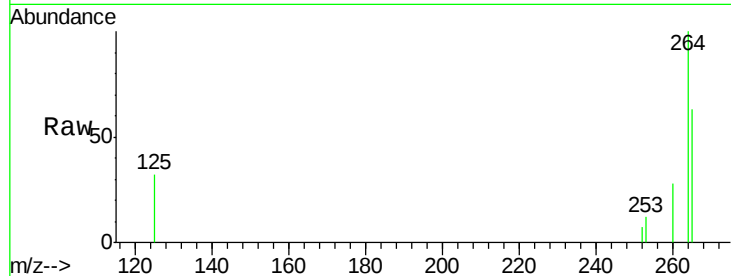
Tot Ion:252 Resp: 123

Ion Ratio Lower Upper

252 100

253 177.1 0.0 45.4#

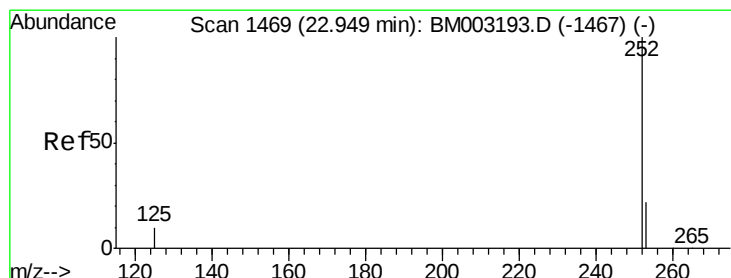
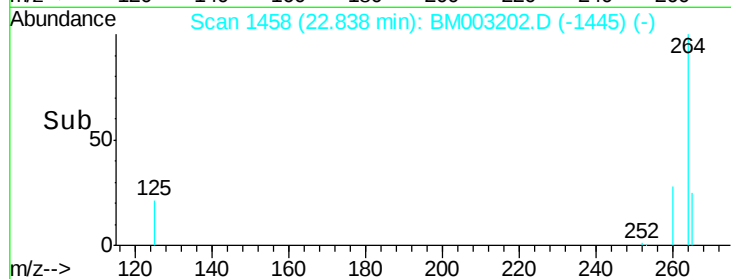
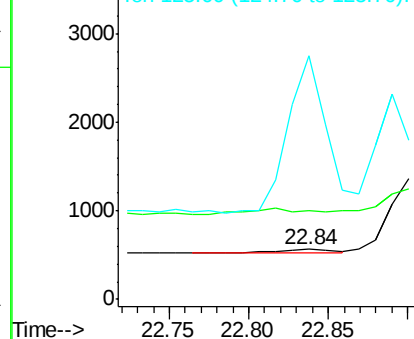
125 483.8 0.0 28.8#



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/u1

RT: 22.84 min Scan# 1458

Delta R.T. -0.11 min

Lab File: BM003202.D

Acq: 19 Nov 2015 22:32

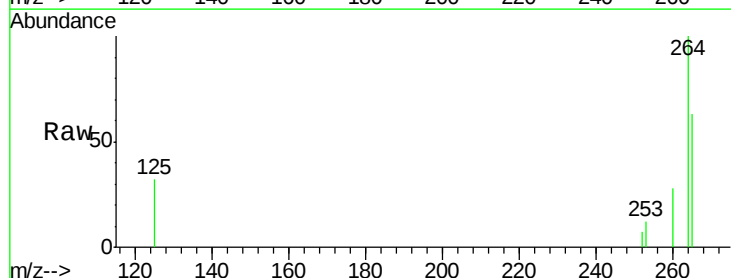
Tgt Ion:252 Resp: 123

Ion Ratio Lower Upper

252 100

253 177.1 19.8 29.8#

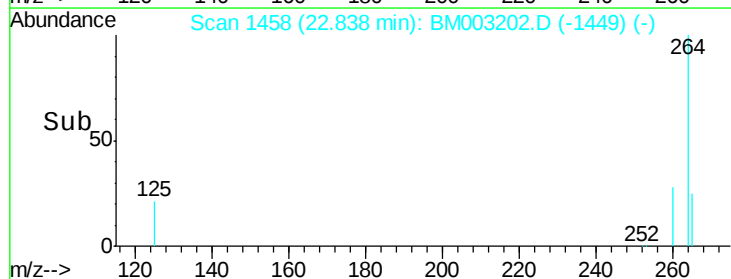
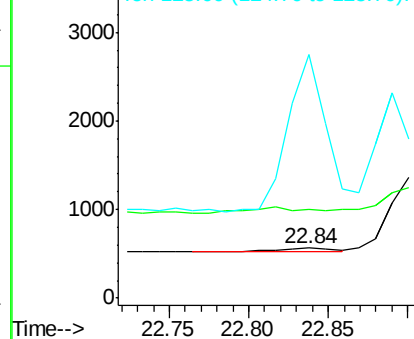
125 483.8 10.4 15.6#

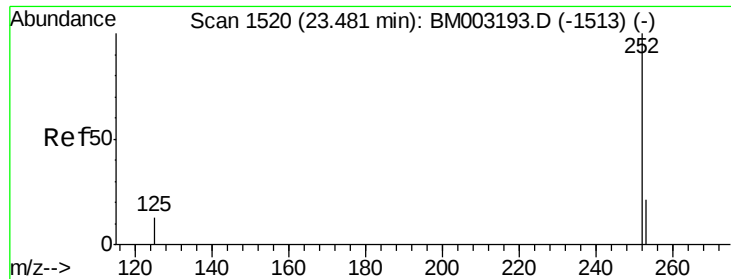


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.44 min Scan# 1516

Delta R.T. -0.04 min

Lab File: BM003202.D

Acq: 19 Nov 2015 22:32

Instrument :

BNA_M

ClientSampleId :

A4HW3

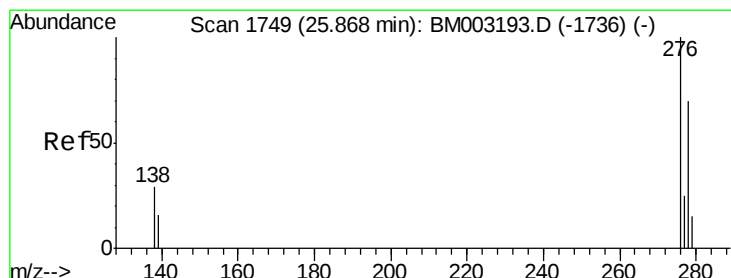
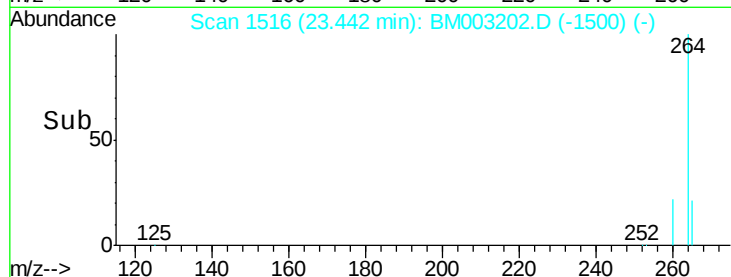
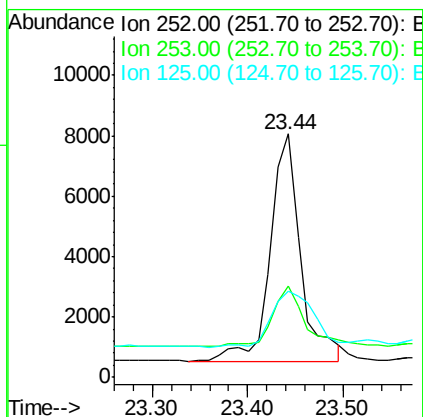
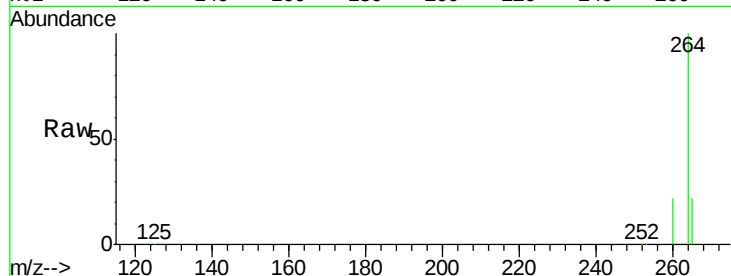
Tot Ion:252 Resp: 16592

Ion Ratio Lower Upper

252 100

253 37.7 19.4 29.2#

125 35.2 12.7 19.1#



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.68 min Scan# 1731

Delta R.T. -0.18 min

Lab File: BM003202.D

Acq: 19 Nov 2015 22:32

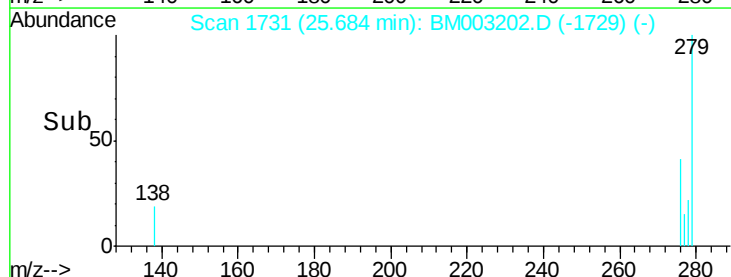
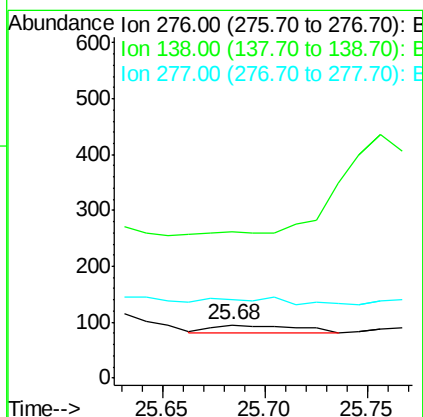
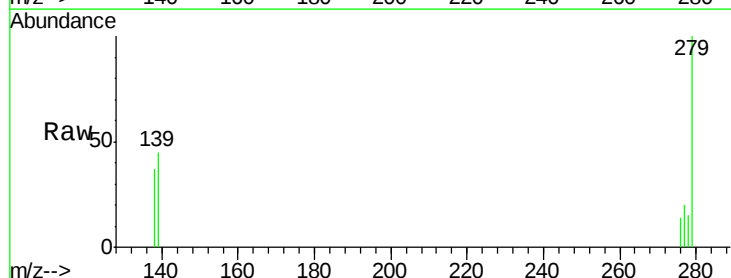
Tgt Ion:276 Resp: 36

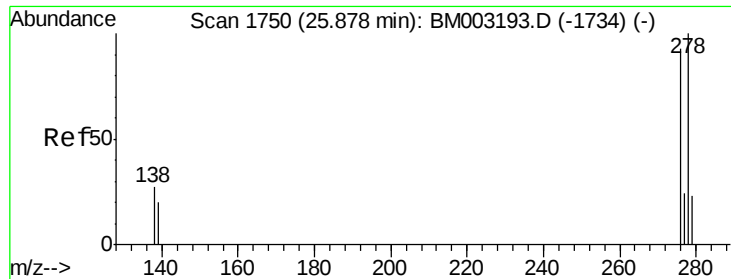
Ion Ratio Lower Upper

276 100

138 0.0 0.0 0.0

277 0.0 0.0 0.0

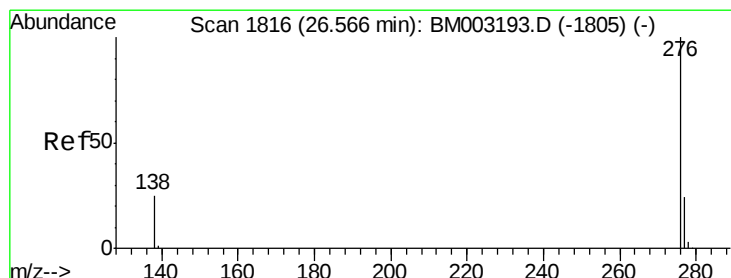
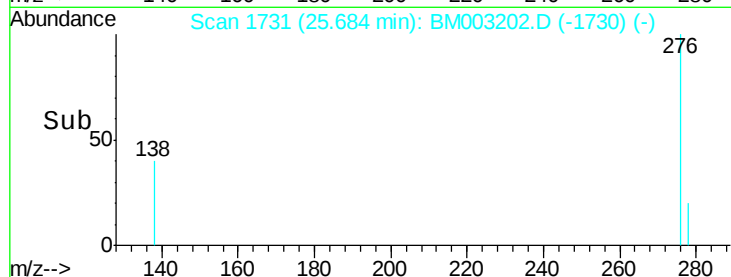
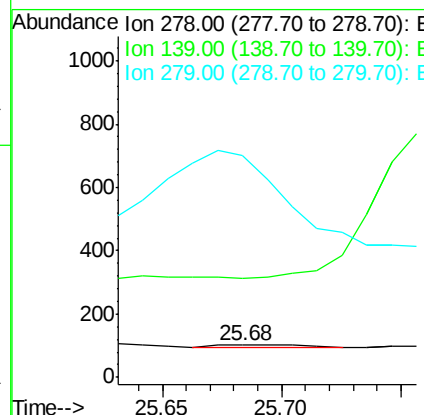
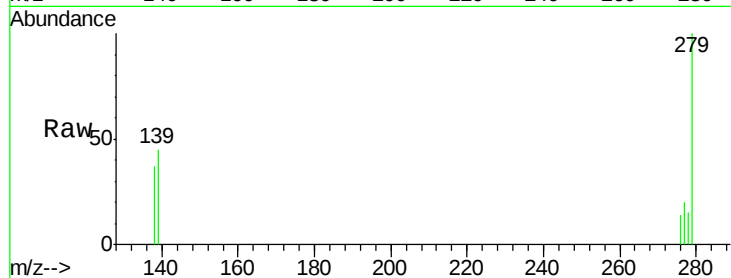




#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.68 min Scan# 1731
Delta R.T. -0.19 min
Lab File: BM003202.D
Acq: 19 Nov 2015 22:32

Instrument :
BNA_M
ClientSampleId :
A4HW3

Tot Ion:278 Resp: 15
Ion Ratio Lower Upper
278 100
139 306.9 16.4 24.6#
279 688.2 20.2 30.2#



#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.40 min Scan# 1800
Delta R.T. -0.16 min
Lab File: BM003202.D
Acq: 19 Nov 2015 22:32

Tgt Ion:276 Resp: 37
Ion Ratio Lower Upper
276 100
277 151.1 18.9 28.3#
138 288.6 22.5 33.7#

