

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
 Data File : BM003183.D
 Acq On : 19 Nov 2015 05:11
 Operator : UM/IZ
 Sample : G4323-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HW1

Quant Time: Nov 19 07:16:59 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	24535	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	98109	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	59511	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	4898477	0.40	ng/ul	0.10
18) Chrysene-d12	21.33	240	176964	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	172514	0.40	ng/ul	0.00

System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	96757	3.69	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	27811	0.21	ng/ul	0.00
16) Fluoranthene-d10	19.16	212	51336	0.00	ng/ul	0.00

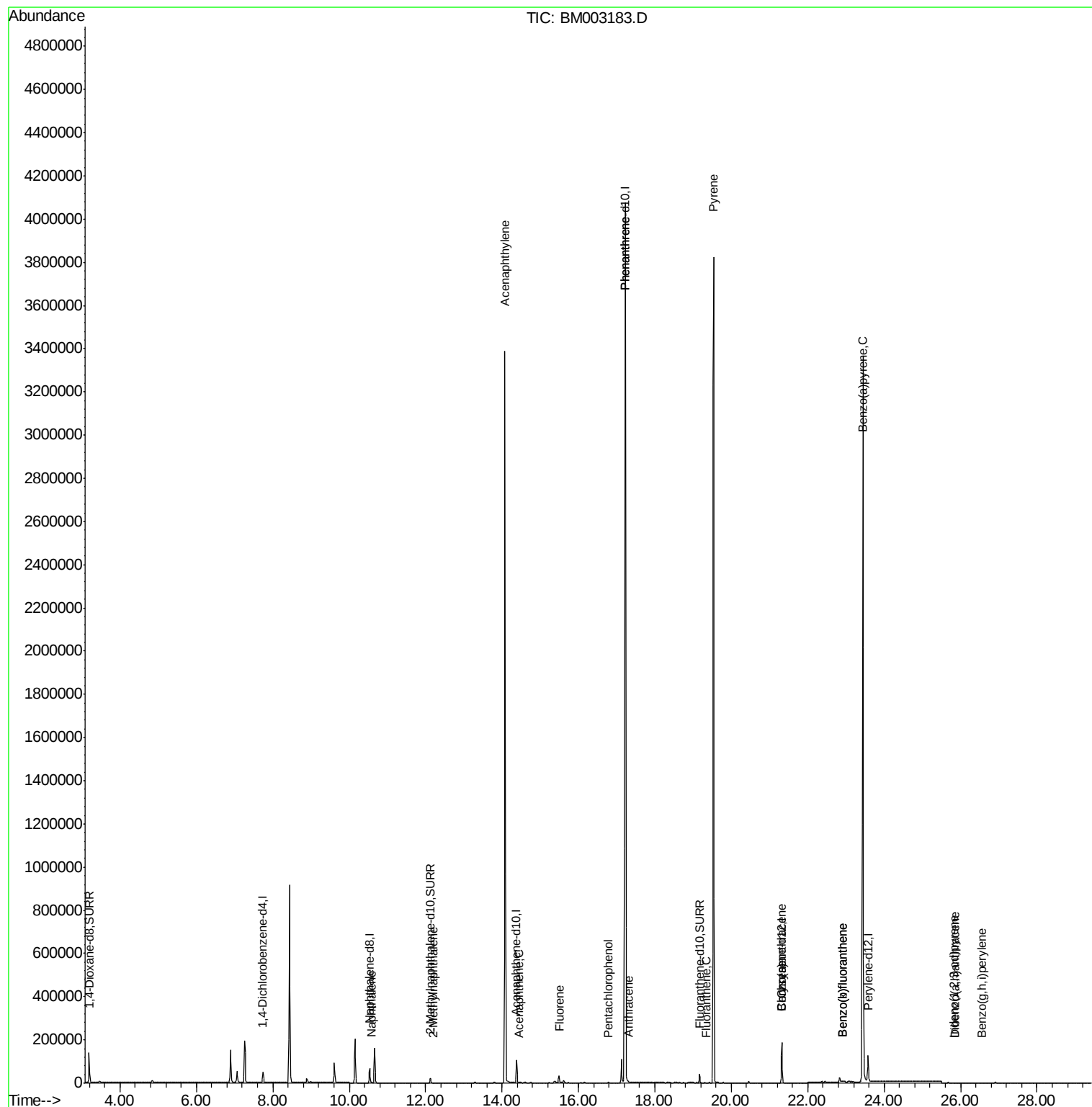
Target Compounds				Qvalue		
5) Naphthalene	10.58	128	5608	0.02	ng/ul#	91
7) 2-Methylnaphthalene	12.19	142	460	0.00	ng/ul#	100
9) Acenaphthylene	14.07	152	423	0.00	ng/ul#	1
10) Acenaphthene	14.45	153	325	0.00	ng/ul#	81
11) Fluorene	15.49	166	452	0.00	ng/ul#	1
13) Pentachlorophenol	16.78	266	1037	0.00	ng/ul#	19
14) Phenanthrene	17.23	178	2089	0.00	ng/ul#	1
15) Anthracene	17.31	178	220	0.00	ng/ul#	1
17) Fluoranthene	19.34	202	56	0.00	ng/ul#	1
19) Pyrene	19.53	202	8292	0.01	ng/ul#	1
20) Benzo(a)anthracene	21.32	228	1236	0.00	ng/ul#	65
21) Chrysene	21.32	228	1236	0.00	ng/ul#	70
23) Benzo(b)fluoranthene	22.90	252	671	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.90	252	643	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.43	252	16981	0.03	ng/ul#	71
26) Indeno(1,2,3-cd)pyrene	25.84	276	240	0.00	ng/ul#	100
27) Dibenzo(a,h)anthracene	25.86	278	476	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.56	276	192	0.00	ng/ul#	1

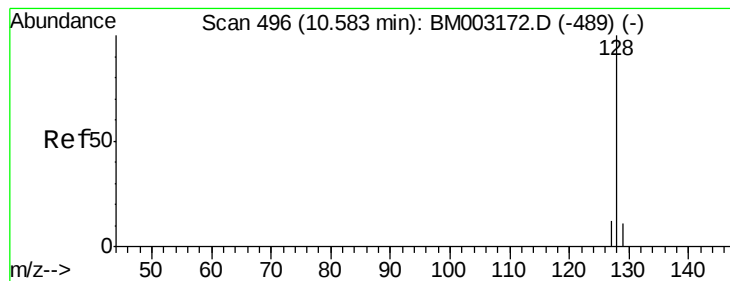
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
Data File : BM003183.D
Acq On : 19 Nov 2015 05:11
Operator : UM/IZ
Sample : G4323-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HW1

Quant Time: Nov 19 07:16:59 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





#5

Naphthalene

Concen: 0.02 ng/ul

RT: 10.58 min Scan# 496

Delta R.T. 0.00 min

Lab File: BM003183.D

Acq: 19 Nov 2015 05:11

Instrument :

BNA_M

ClientSampleId :

A4HW1

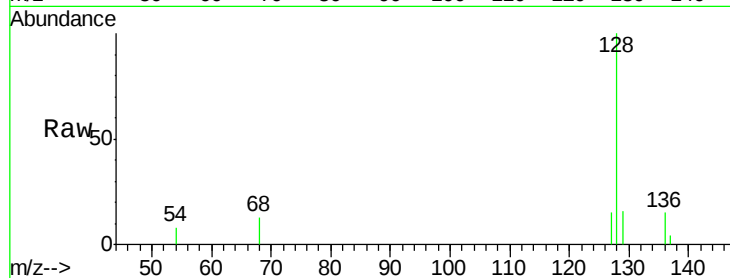
Tgt Ion:128 Resp: 5608

Ion Ratio Lower Upper

128 100

129 15.7 9.0 13.6#

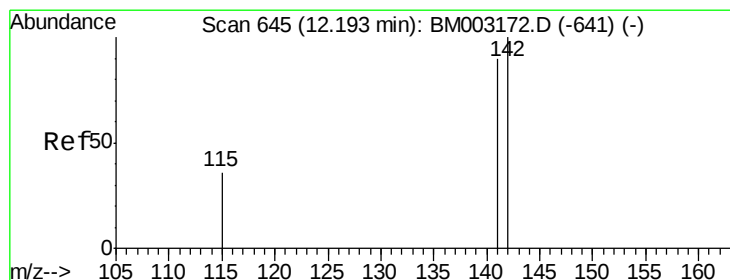
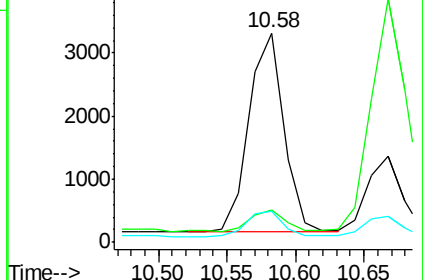
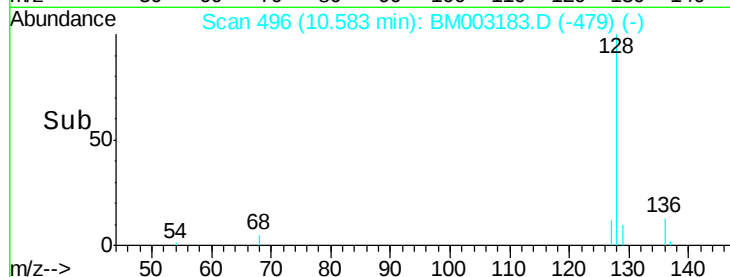
127 14.6 9.6 14.4#



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: BM003183.D

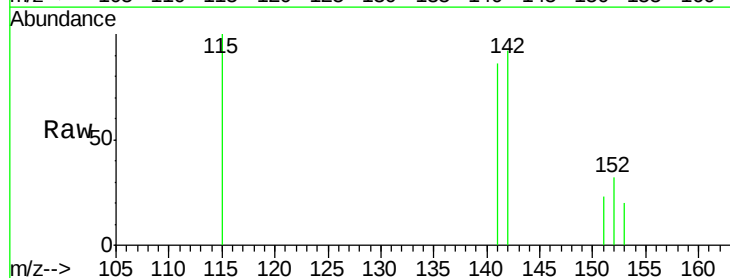
Acq: 19 Nov 2015 05:11

Tgt Ion:142 Resp: 460

Ion Ratio Lower Upper

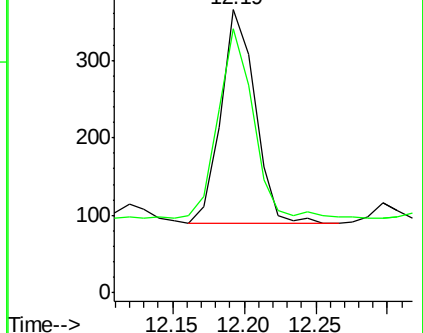
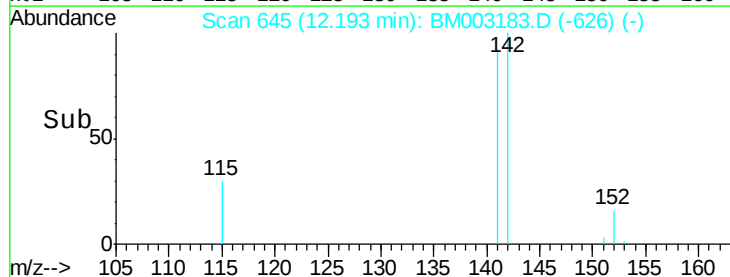
142 100

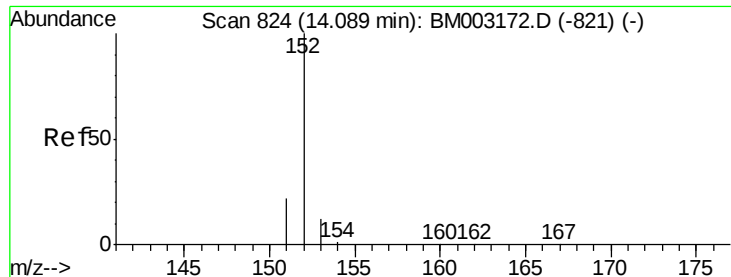
141 91.7 0.0 0.0#



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: 14.07 min Scan# 823

Delta R.T. -0.02 min

Lab File: BM003183.D

Acq: 19 Nov 2015 05:11

Instrument :

BNA_M

ClientSampleId :

A4HW1

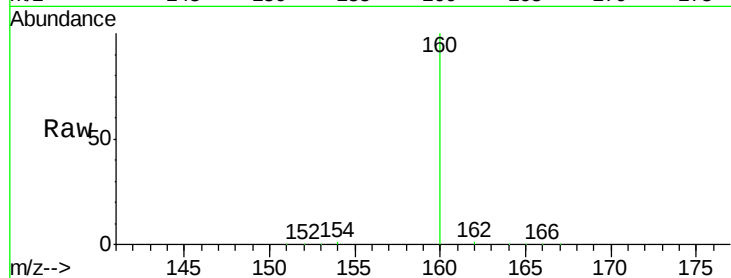
Tgt Ion:152 Resp: 423

Ion Ratio Lower Upper

152 100

151 48.4 17.6 26.4#

153 222.5 9.7 14.5#

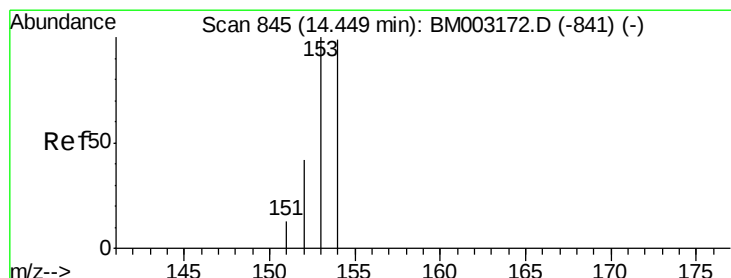
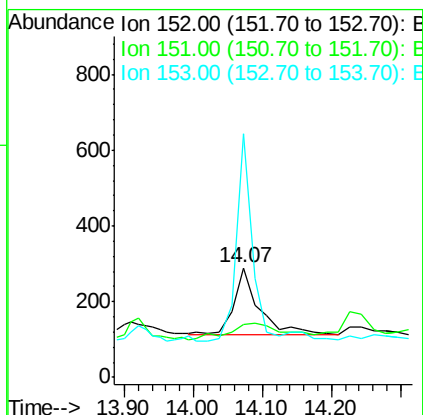
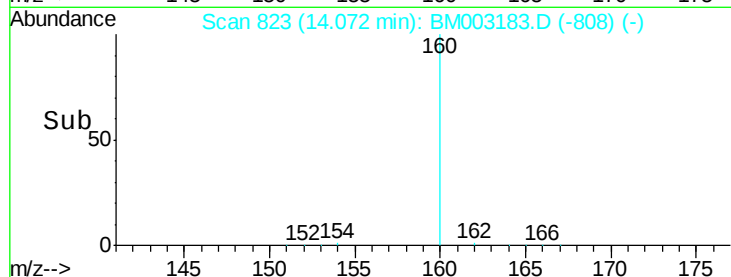


Abundance Ion 152.00 (151.70 to 152.70): E

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: BM003183.D

Acq: 19 Nov 2015 05:11

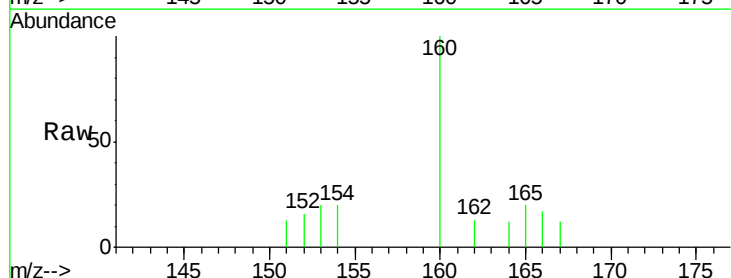
Tgt Ion:153 Resp: 325

Ion Ratio Lower Upper

153 100

152 80.9 33.9 50.9#

154 98.7 80.6 121.0

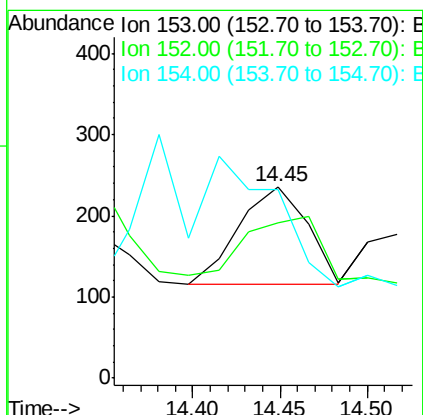
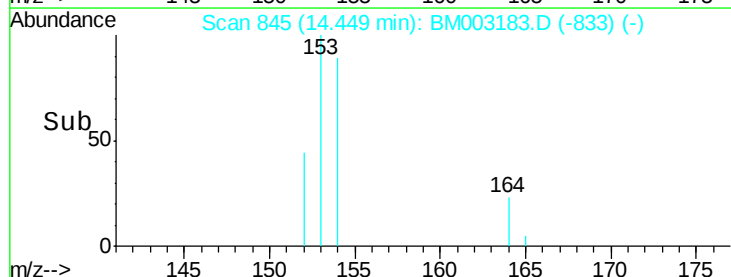


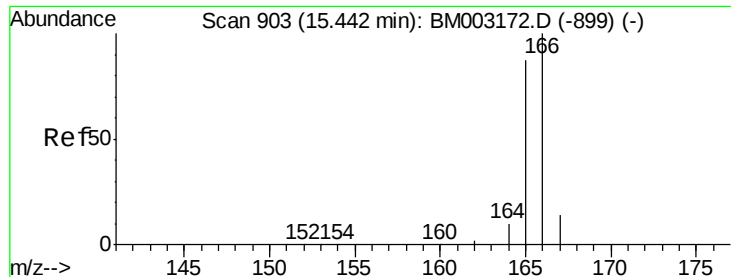
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

Time-->

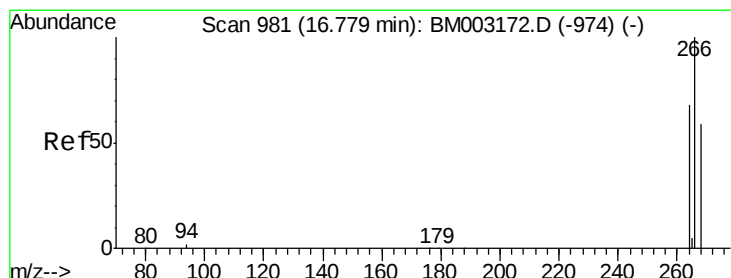
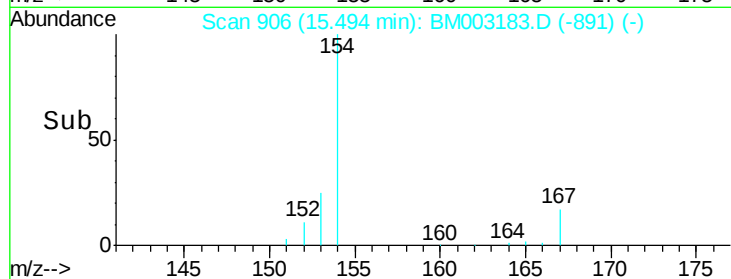
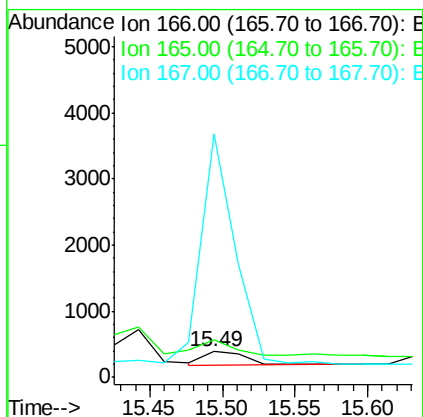
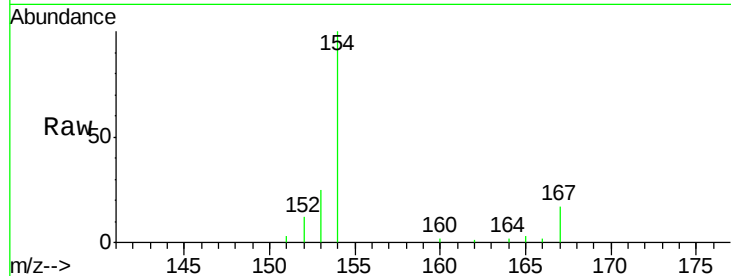




#11
Fluorene
Concen: 0.00 ng/ul
RT: 15.49 min Scan# 906
Delta R.T. 0.05 min
Lab File: BM003183.D
Acq: 19 Nov 2015 05:11

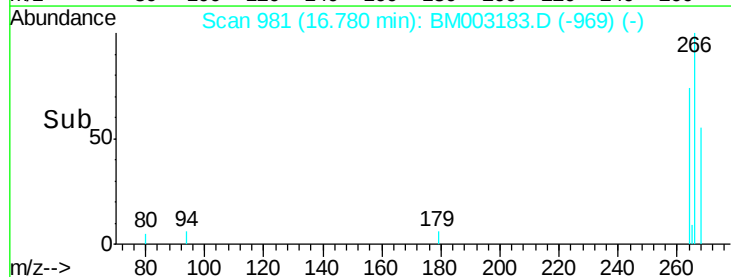
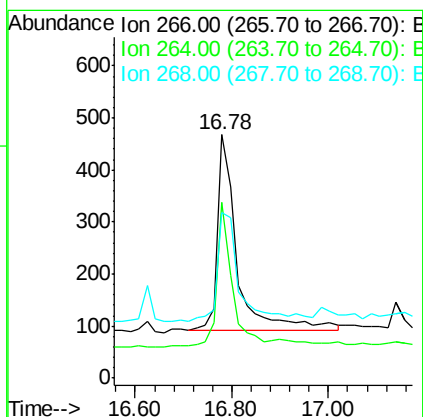
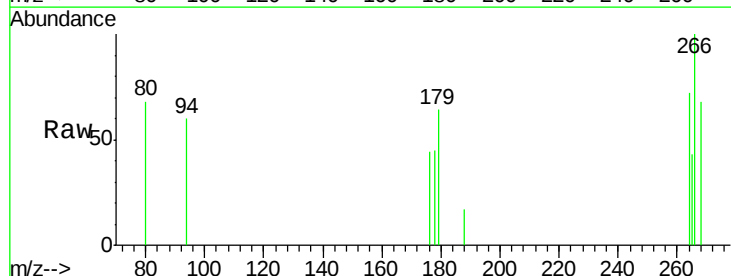
Instrument :
BNA_M
ClientSampleId :
A4HW1

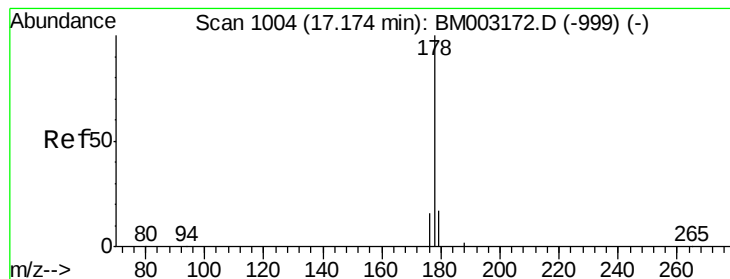
Tgt Ion:166 Resp: 452
Ion Ratio Lower Upper
166 100
165 146.4 69.6 104.4#
167 949.2 11.9 17.9#



#13
Pentachlorophenol
Concen: 0.00 ng/ul
RT: 16.78 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM003183.D
Acq: 19 Nov 2015 05:11

Tgt Ion:266 Resp: 1037
Ion Ratio Lower Upper
266 100
264 61.7 0.3 0.5#
268 63.5 0.0 0.0#





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.23 min Scan# 1007

Delta R.T. 0.05 min

Lab File: BM003183.D

Acq: 19 Nov 2015 05:11

Instrument :

BNA_M

ClientSampleId :

A4HW1

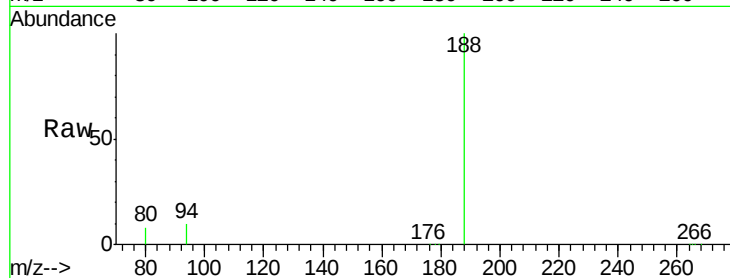
Tgt Ion:178 Resp: 2089

Ion Ratio Lower Upper

178 100

176 13.9 13.0 19.4

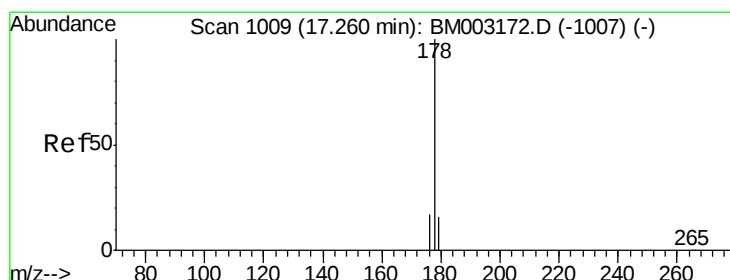
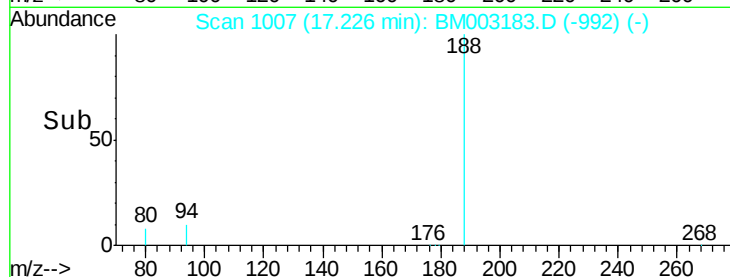
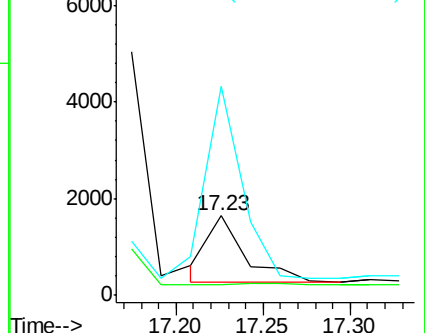
179 264.1 14.2 21.2#



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: 17.31 min Scan# 1012

Delta R.T. 0.05 min

Lab File: BM003183.D

Acq: 19 Nov 2015 05:11

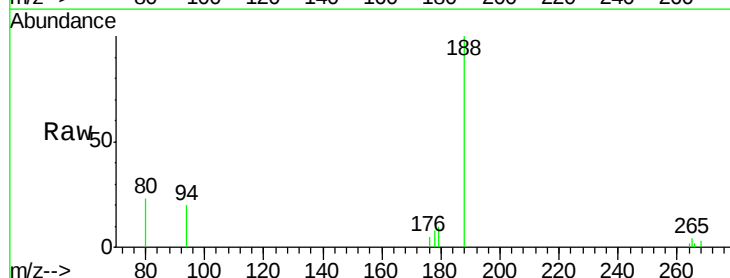
Tgt Ion:178 Resp: 220

Ion Ratio Lower Upper

178 100

176 68.2 14.0 21.0#

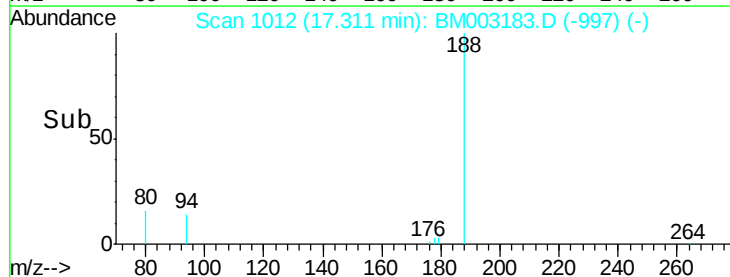
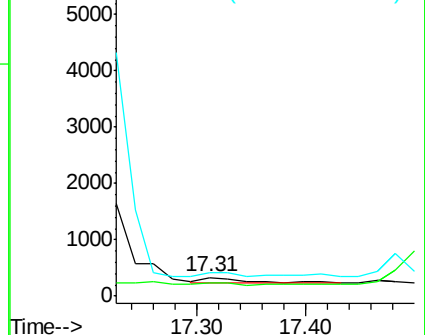
179 123.8 12.9 19.3#

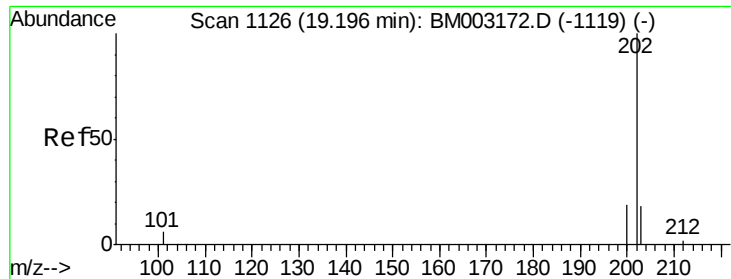


Abundance Ion 178.00 (177.70 to 178.70): E

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: 19.34 min Scan# 1138

Delta R.T. 0.15 min

Lab File: BM003183.D

Acq: 19 Nov 2015 05:11

Instrument :

BNA_M

ClientSampleId :

A4HW1

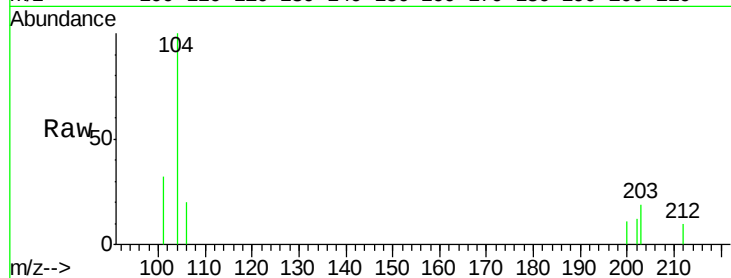
Tgt Ion:202 Resp: 56

Ion Ratio Lower Upper

202 100

101 264.5 0.0 29.6#

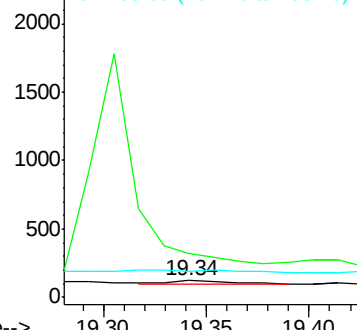
203 156.2 0.0 36.3#



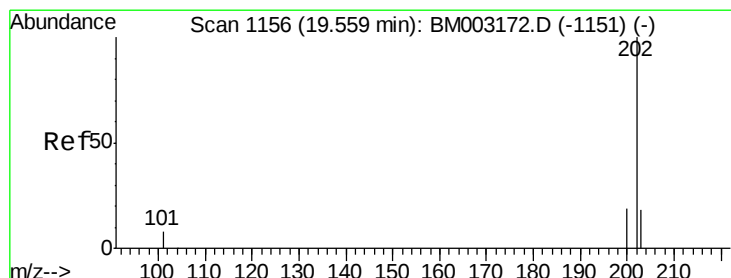
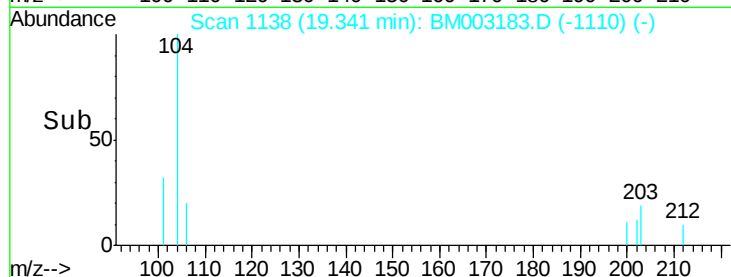
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#19

Pyrene

Concen: 0.01 ng/ul

RT: 19.53 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BM003183.D

Acq: 19 Nov 2015 05:11

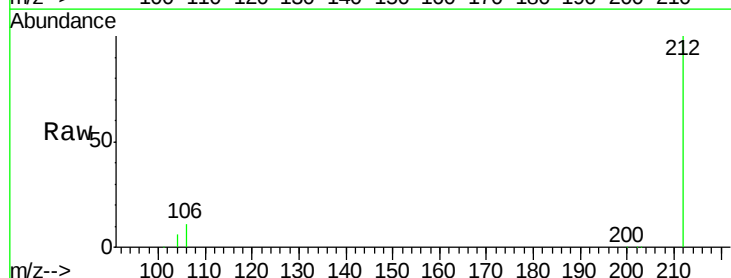
Tgt Ion:202 Resp: 8292

Ion Ratio Lower Upper

202 100

200 4.3 17.8 26.8#

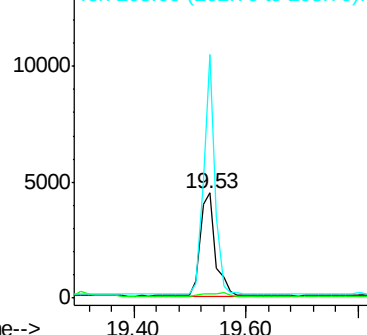
203 232.0 12.8 19.2#



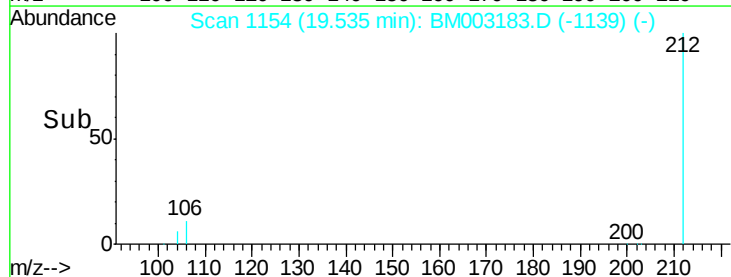
Abundance Ion 202.00 (201.70 to 202.70): E

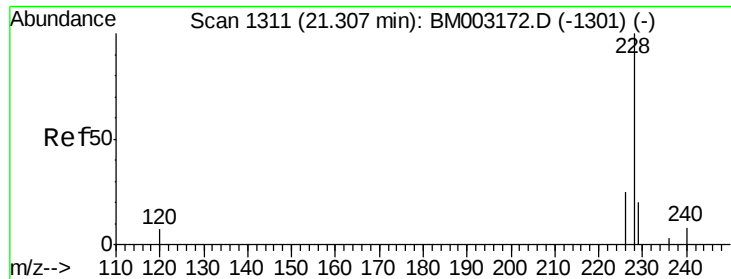
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.32 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BM003183.D

Acq: 19 Nov 2015 05:11

Instrument :

BNA_M

ClientSampleId :

A4HW1

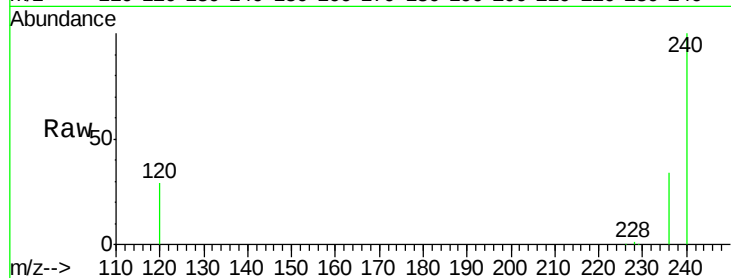
Tgt Ion:228 Resp: 1236

Ion Ratio Lower Upper

228 100

226 35.3 18.8 28.2#

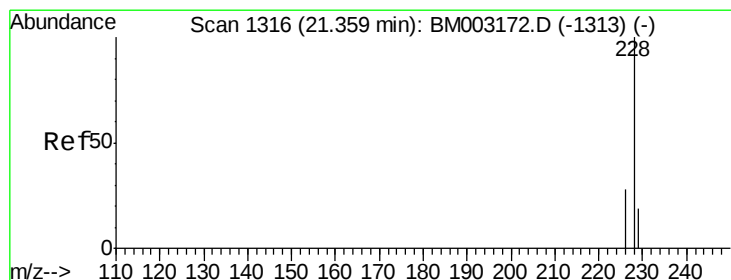
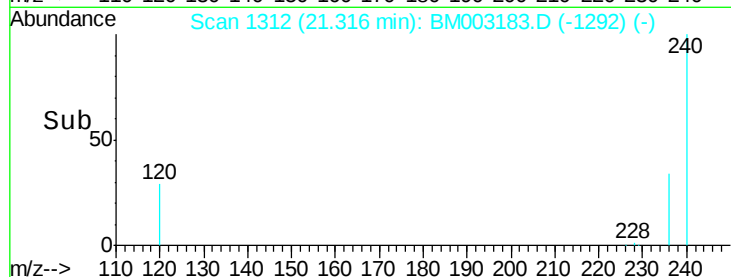
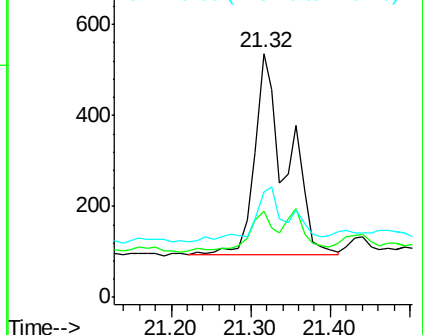
229 43.3 17.1 25.7#



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: 0.00 ng/ul

RT: 21.32 min Scan# 1312

Delta R.T. -0.04 min

Lab File: BM003183.D

Acq: 19 Nov 2015 05:11

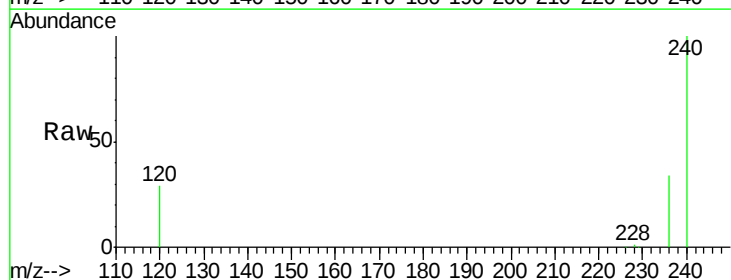
Tgt Ion:228 Resp: 1236

Ion Ratio Lower Upper

228 100

226 35.3 21.2 31.8#

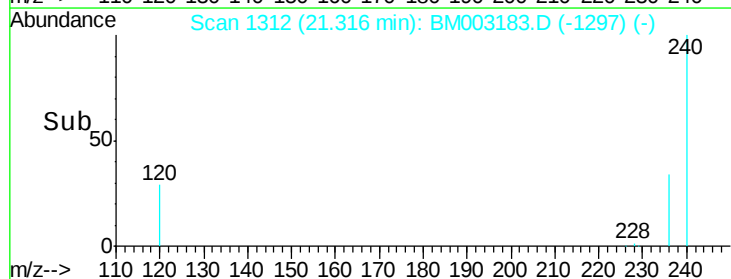
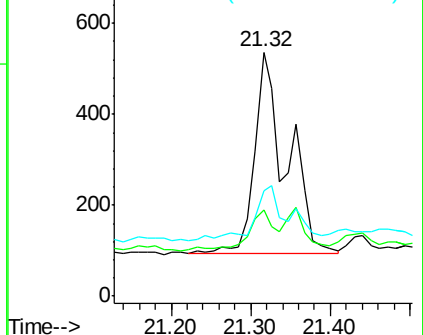
229 43.3 17.0 25.6#

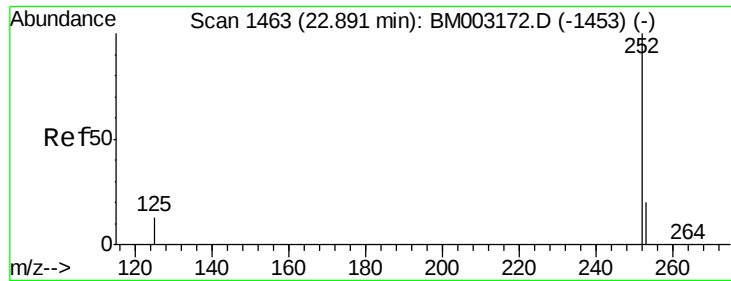


Abundance Ion 228.00 (227.70 to 228.70): E

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: 22.90 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BM003183.D

Acq: 19 Nov 2015 05:11

Instrument :

BNA_M

ClientSampleId :

A4HW1

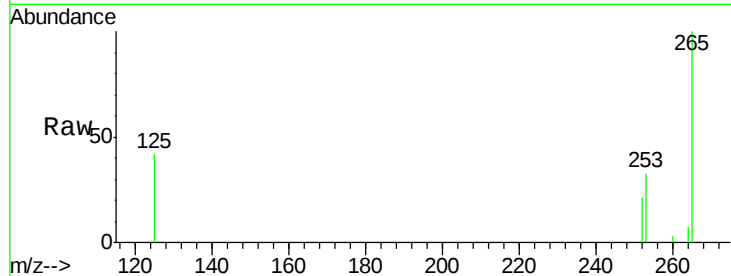
Tgt Ion:252 Resp: 671

Ion Ratio Lower Upper

252 100

253 157.4 0.0 45.4#

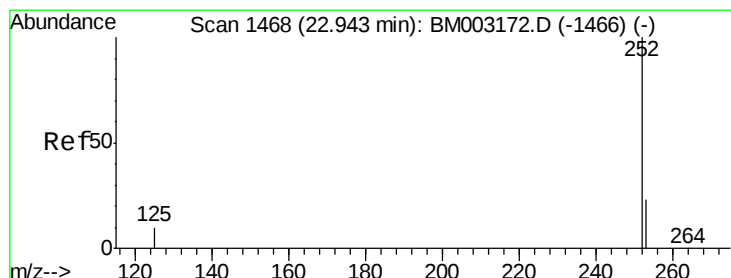
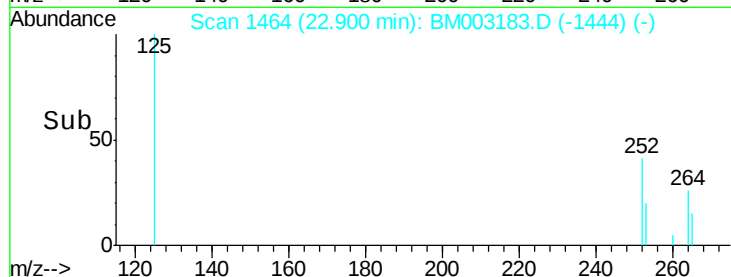
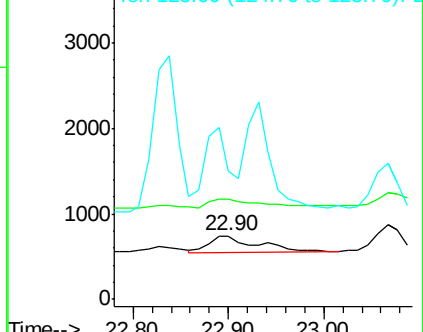
125 203.0 0.0 28.8#



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/u1

RT: 22.90 min Scan# 1464

Delta R.T. -0.04 min

Lab File: BM003183.D

Acq: 19 Nov 2015 05:11

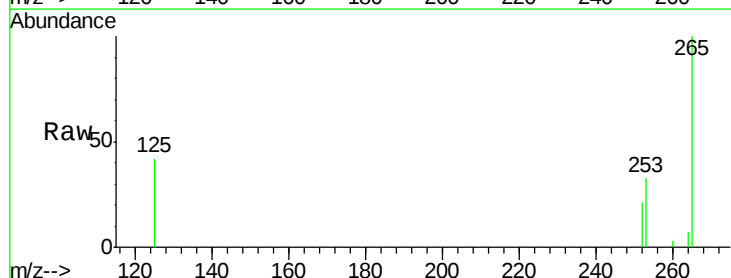
Tgt Ion:252 Resp: 643

Ion Ratio Lower Upper

252 100

253 157.4 19.8 29.8#

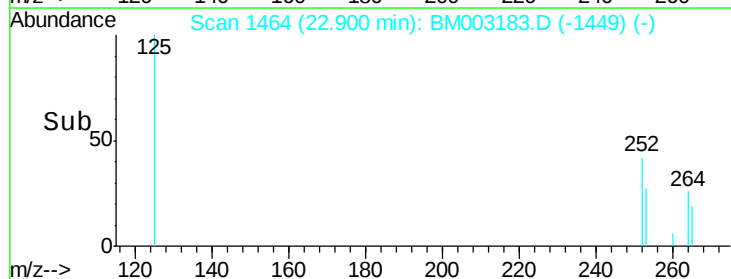
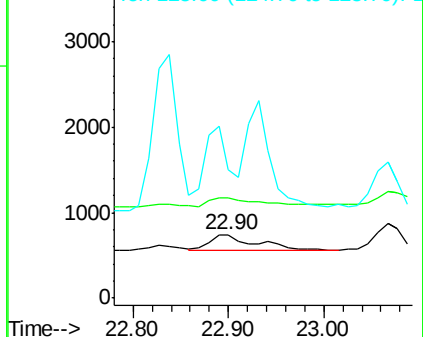
125 203.0 10.4 15.6#

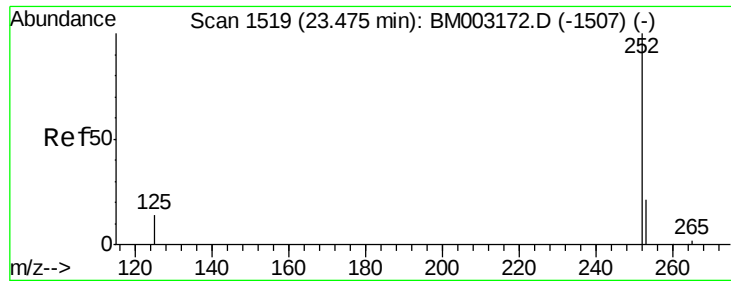


Abundance Ion 252.00 (251.70 to 252.70): E

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: 23.43 min Scan# 1515

Delta R.T. -0.04 min

Lab File: BM003183.D

Acq: 19 Nov 2015 05:11

Instrument :

BNA_M

ClientSampleId :

A4HW1

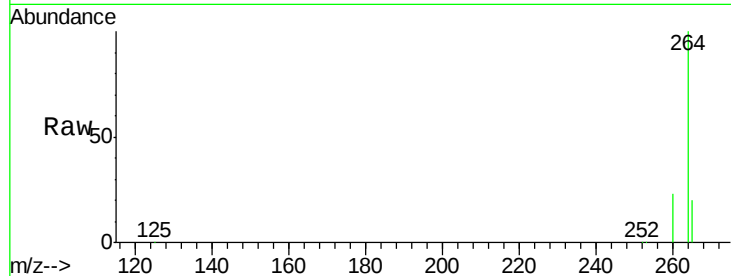
Tgt Ion:252 Resp: 16981

Ion Ratio Lower Upper

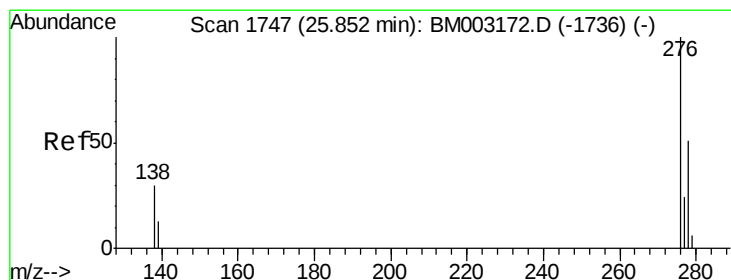
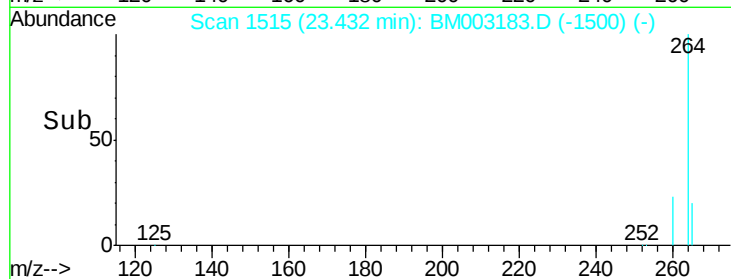
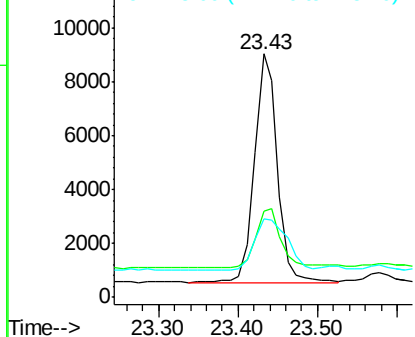
252 100

253 35.5 19.4 29.2#

125 32.1 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: 25.84 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BM003183.D

Acq: 19 Nov 2015 05:11

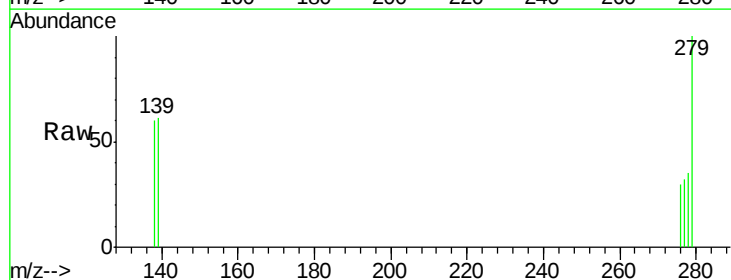
Tgt Ion:276 Resp: 240

Ion Ratio Lower Upper

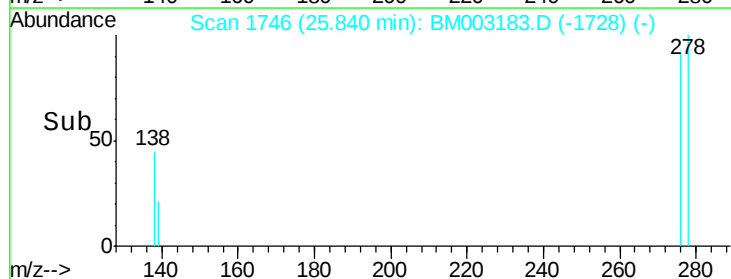
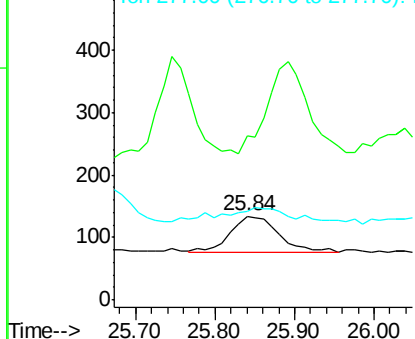
276 100

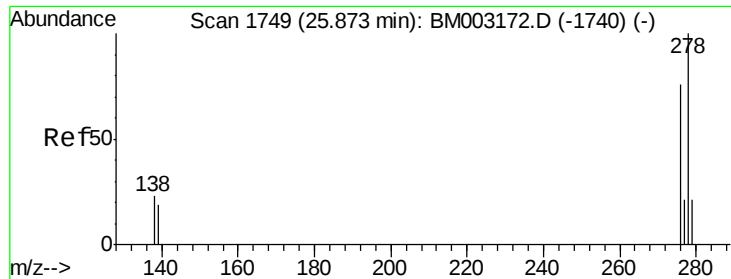
138 0.0 0.0 0.0

277 64.6 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. -0.01 min

Lab File: BM003183.D

Acq: 19 Nov 2015 05:11

Instrument :

BNA_M

ClientSampleId :

A4HW1

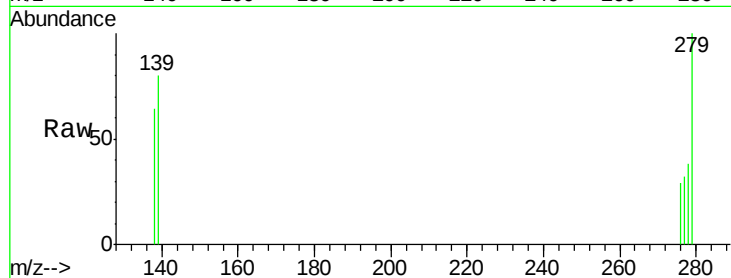
Tgt Ion: 278 Resp: 476

Ion Ratio Lower Upper

278 100

139 208.7 16.4 24.6#

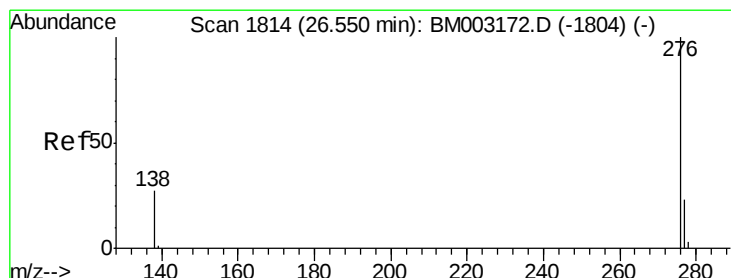
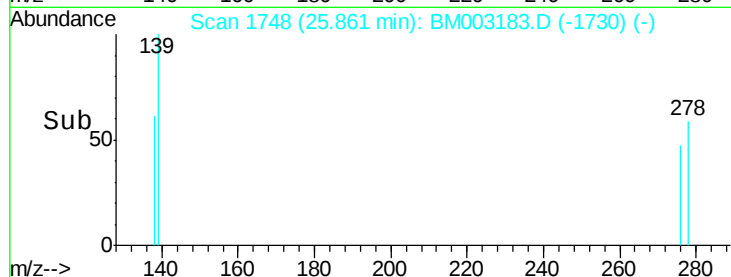
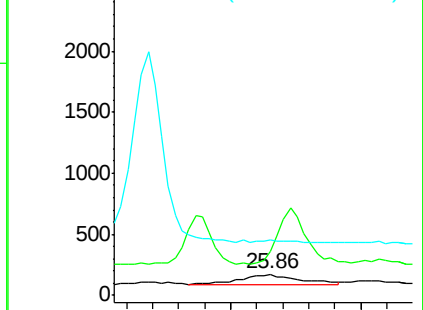
279 261.3 20.2 30.2#



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



#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.56 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BM003183.D

Acq: 19 Nov 2015 05:11

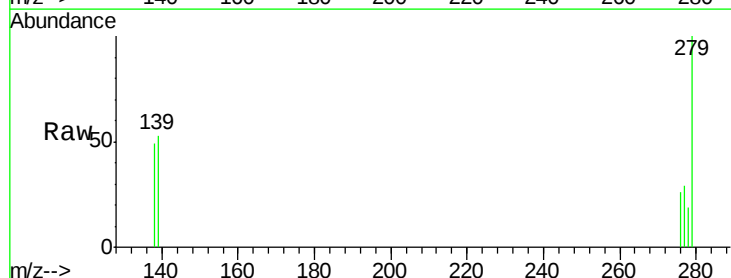
Tgt Ion: 276 Resp: 192

Ion Ratio Lower Upper

276 100

277 112.9 18.9 28.3#

138 190.3 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

