

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
 Data File : BM003268.D
 Acq On : 22 Nov 2015 03:04
 Operator : UM/IZ
 Sample : G4345-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J54

Quant Time: Nov 22 04:49:04 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 : Sun Nov 22 04:42:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	15367	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	63764	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	35524	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	2304789	0.40	ng/ul	0.10
18) Chrysene-d12	21.32	240	56822	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	59734	0.40	ng/ul	0.00

System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	48732	2.97	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	15881	0.18	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	25331	0.00	ng/ul	0.00

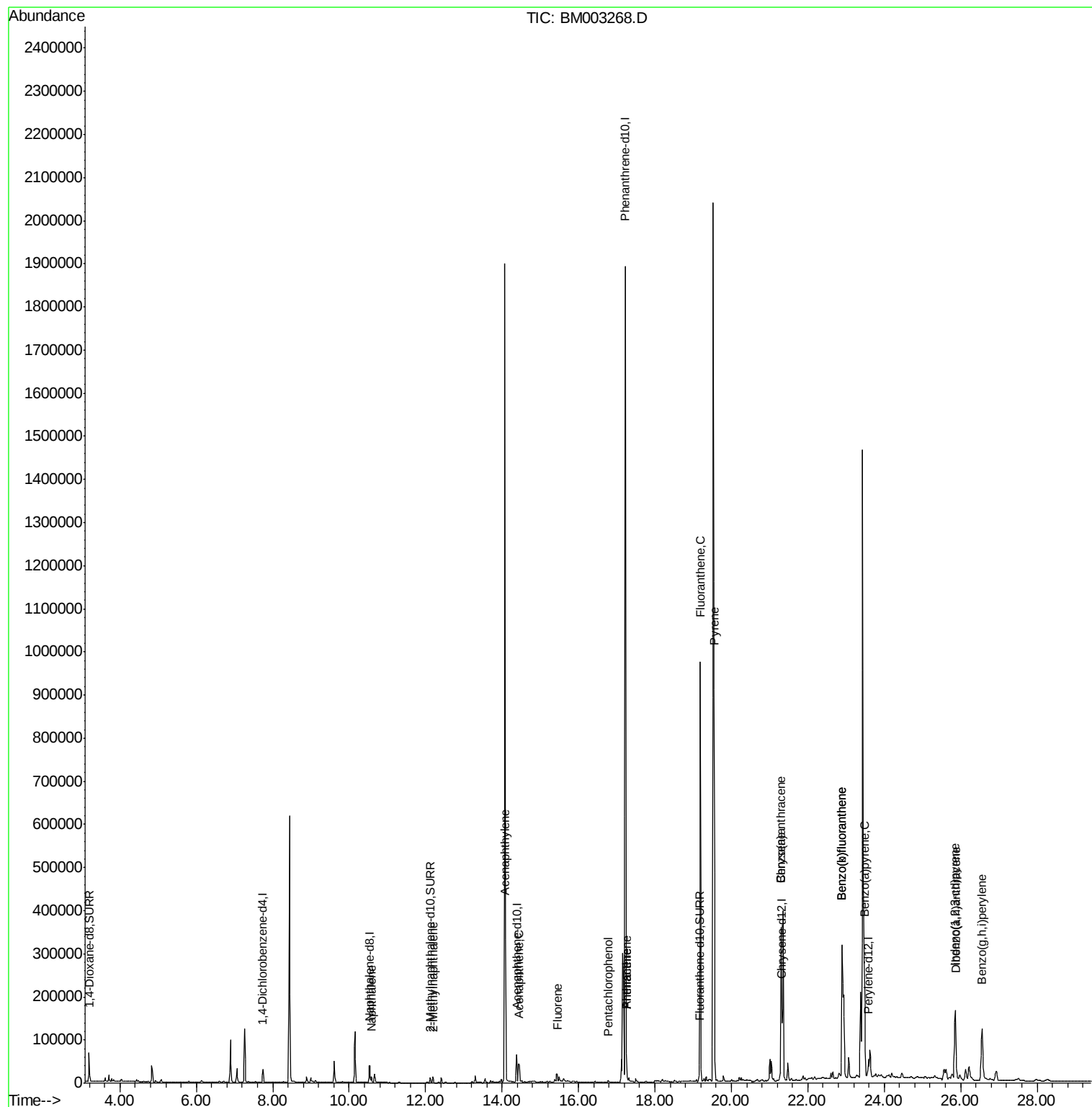
Target Compounds				Qvalue		
5) Naphthalene	10.57	128	20942	0.13	ng/ul	97
7) 2-Methylnaphthalene	12.19	142	9704	0.09	ng/ul#	100
9) Acenaphthylene	14.09	152	24890	0.17	ng/ul	98
10) Acenaphthene	14.43	153	19291	0.15	ng/ul#	1
11) Fluorene	15.44	166	24517	0.18	ng/ul	98
13) Pentachlorophenol	16.78	266	2625	0.00	ng/ul	96
14) Phenanthrene	17.26	178	71948	0.01	ng/ul	98
15) Anthracene	17.26	178	70914	0.01	ng/ul	99
17) Fluoranthene	19.19	202	865815	0.12	ng/ul	99
19) Pyrene	19.55	202	782508	4.02	ng/ul	99
20) Benzo(a)anthracene	21.30	228	334621	2.03	ng/ul#	90
21) Chrysene	21.30	228	334621	1.80	ng/ul	94
23) Benzo(b)fluoranthene	22.90	252	713371	3.14	ng/ul	99
24) Benzo(k)fluoranthene	22.90	252	713371	3.32	ng/ul	95
25) Benzo(a)pyrene	23.48	252	351366	1.74	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	25.86	276	254951	1.06	ng/ul#	94
27) Dibenzo(a,h)anthracene	25.87	278	58479	0.30	ng/ul#	86
28) Benzo(g,h,i)perylene	26.56	276	257601	1.22	ng/ul	99

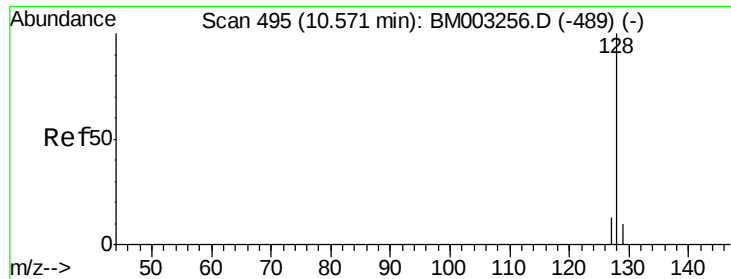
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
Data File : BM003268.D
Acq On : 22 Nov 2015 03:04
Operator : UM/IZ
Sample : G4345-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4J54

Quant Time: Nov 22 04:49:04 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 : Sun Nov 22 04:42:03 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.13 ng/ul

RT: 10.57 min Scan# 495

Delta R.T. -0.00 min

Lab File: BM003268.D

Acq: 22 Nov 2015 03:04

Instrument :

BNA_M

ClientSampleId :

A4J54

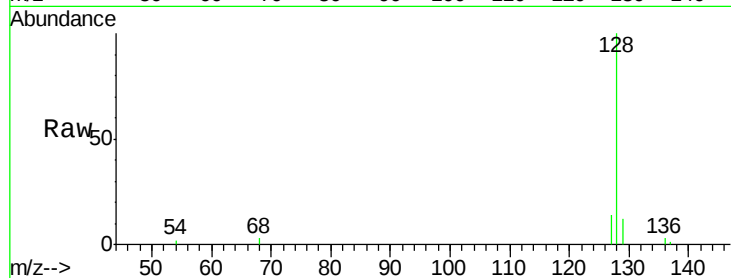
Tgt Ion:128 Resp: 20942

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

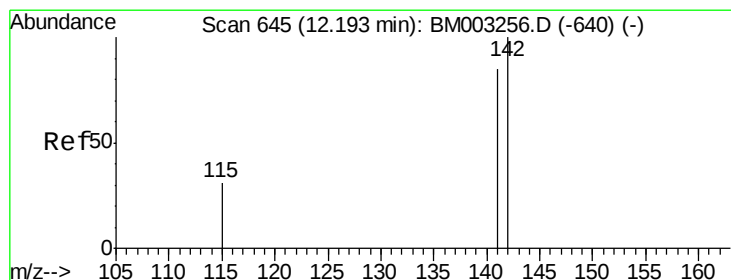
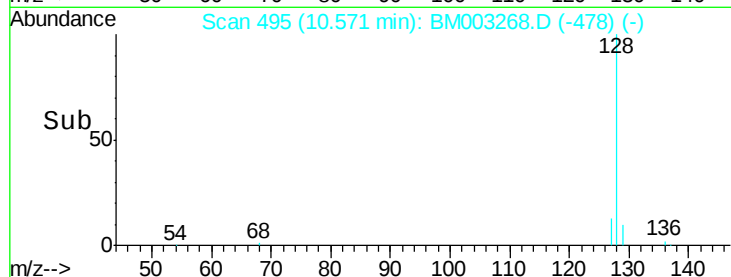
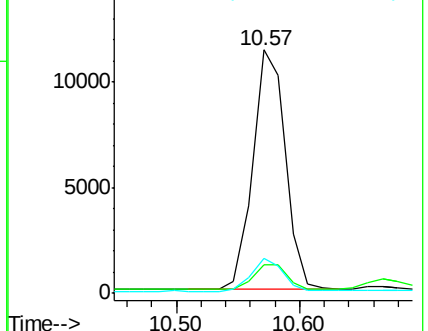
127 14.2 9.6 14.4



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: 0.09 ng/ul

RT: 12.19 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM003268.D

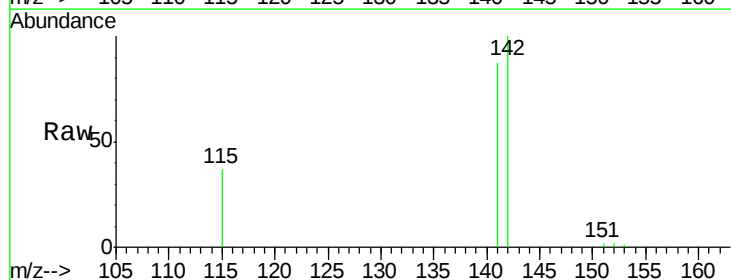
Acq: 22 Nov 2015 03:04

Tgt Ion:142 Resp: 9704

Ion Ratio Lower Upper

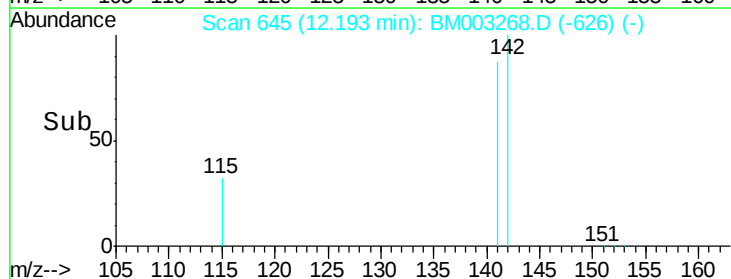
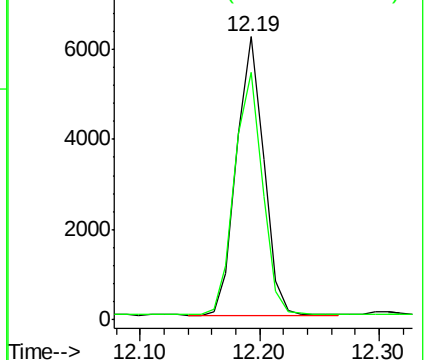
142 100

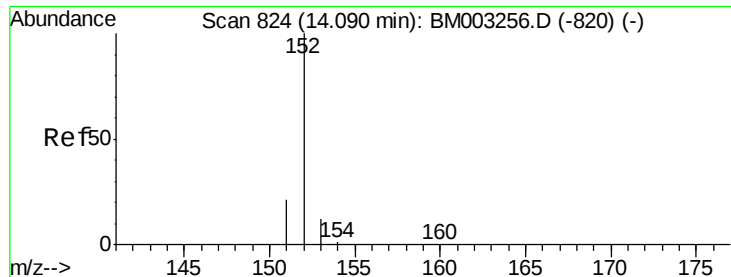
141 88.7 0.0 0.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.17 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM003268.D

Acq: 22 Nov 2015 03:04

Instrument :

BNA_M

ClientSampleId :

A4J54

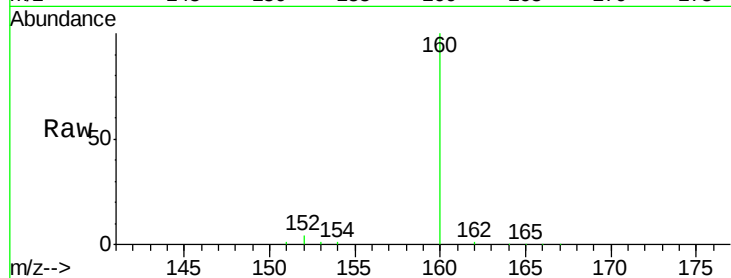
Tgt Ion:152 Resp: 24890

Ion Ratio Lower Upper

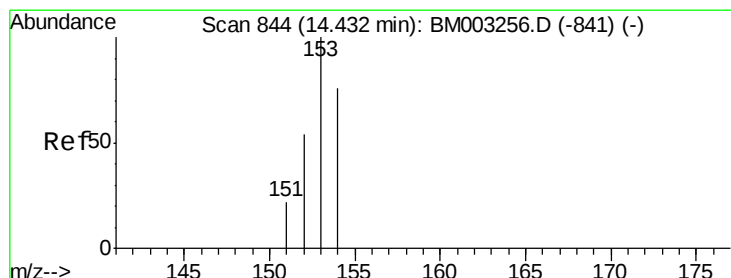
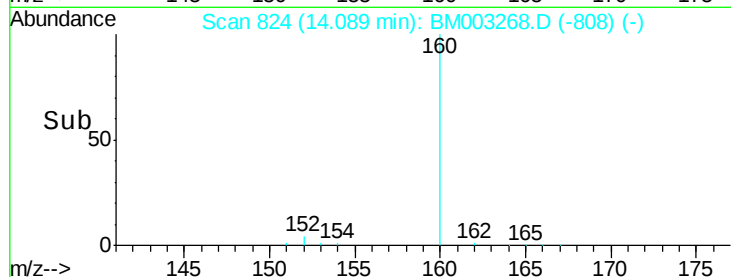
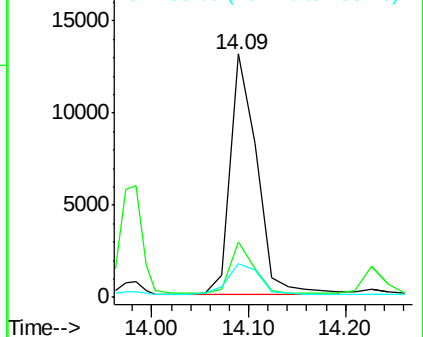
152 100

151 22.6 17.6 26.4

153 13.7 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



#10

Acenaphthene

Concen: 0.15 ng/ul

RT: 14.43 min Scan# 844

Delta R.T. -0.00 min

Lab File: BM003268.D

Acq: 22 Nov 2015 03:04

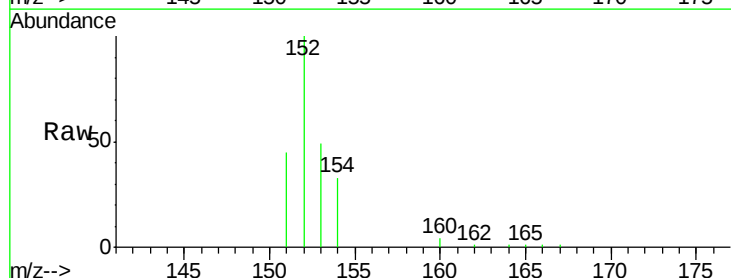
Tgt Ion:153 Resp: 19291

Ion Ratio Lower Upper

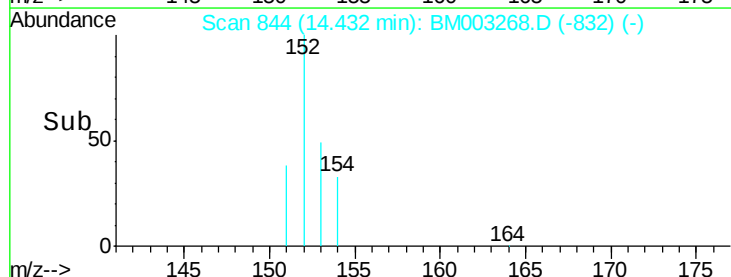
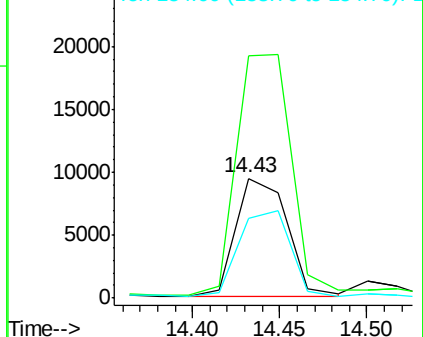
153 100

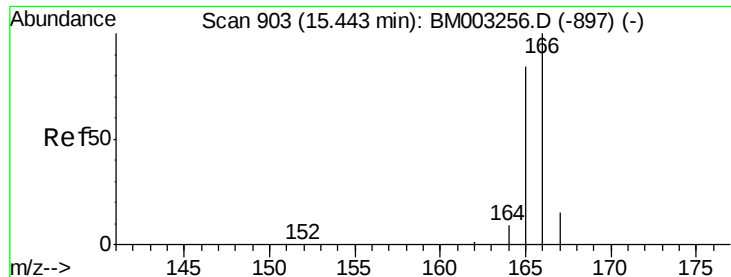
152 203.1 33.9 50.9#

154 66.9 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

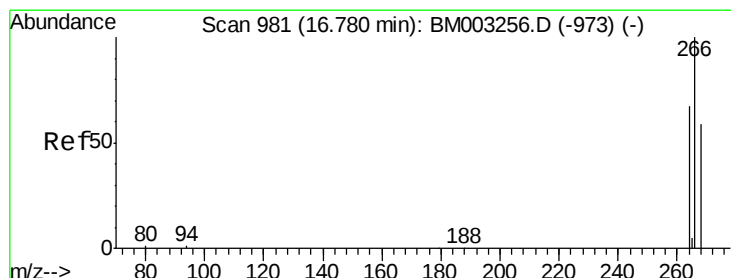
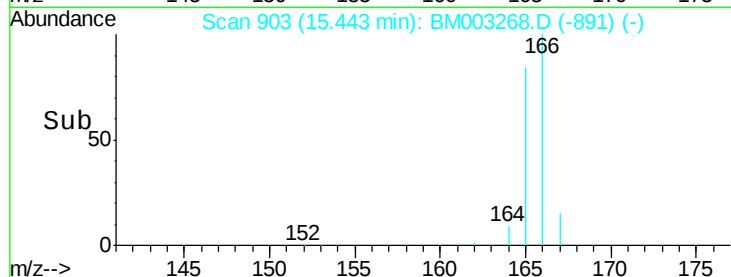
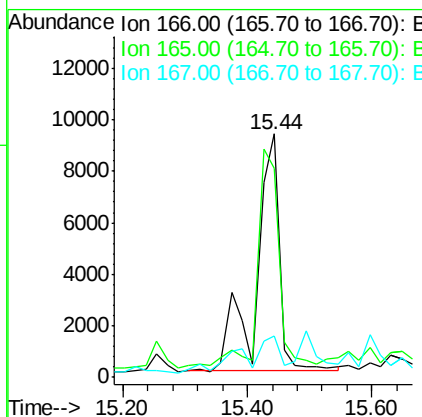
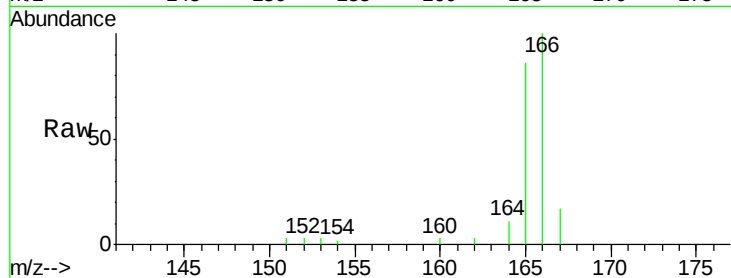




#11
Fluorene
 Concen: 0.18 ng/ul
 RT: 15.44 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BM003268.D
 Acq: 22 Nov 2015 03:04

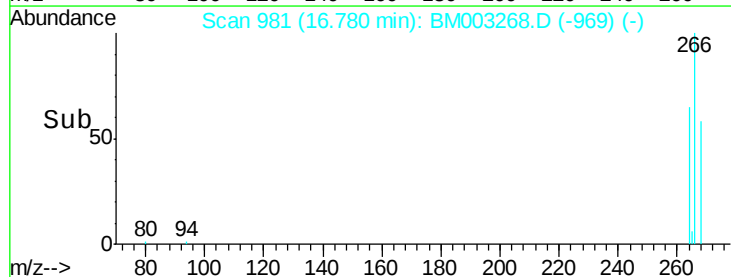
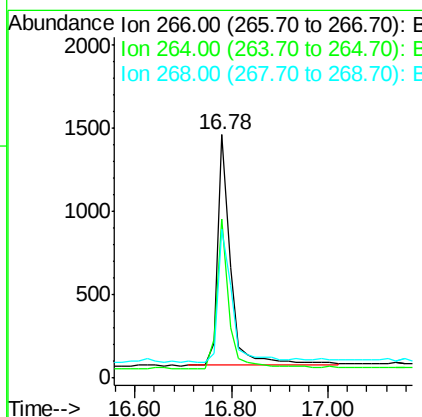
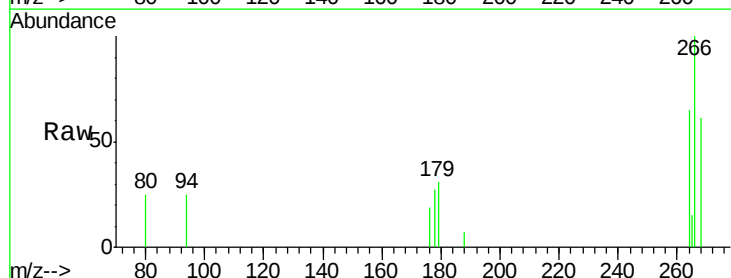
Instrument :
 BNA_M
 ClientSampleId :
 A4J54

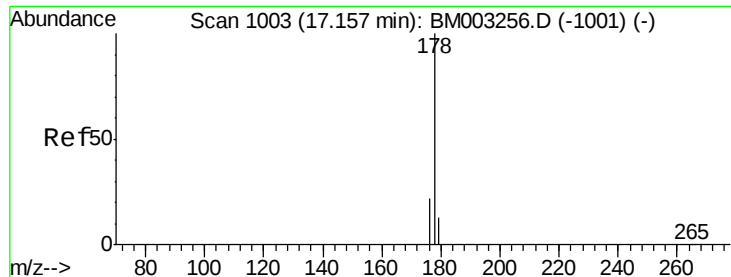
Tgt Ion:166 Resp: 24517
 Ion Ratio Lower Upper
 166 100
 165 86.0 69.6 104.4
 167 17.2 11.9 17.9



#13
Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.78 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BM003268.D
 Acq: 22 Nov 2015 03:04

Tgt Ion:266 Resp: 2625
 Ion Ratio Lower Upper
 266 100
 264 61.6 51.8 77.8
 268 62.1 46.8 70.2





#14

Phenanthrene

Concen: 0.01 ng/ul

RT: 17.26 min Scan# 1009

Delta R.T. 0.10 min

Lab File: BM003268.D

Acq: 22 Nov 2015 03:04

Instrument :

BNA_M

ClientSampleId :

A4J54

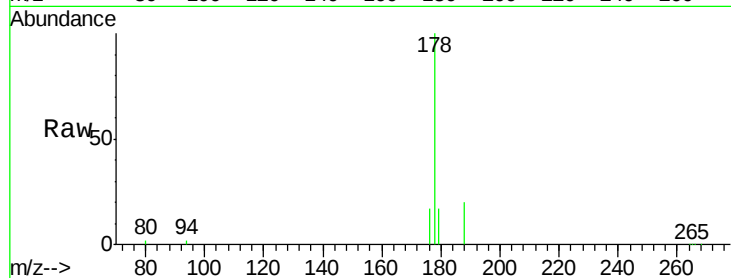
Tgt Ion:178 Resp: 71948

Ion Ratio Lower Upper

178 100

176 17.1 13.0 19.4

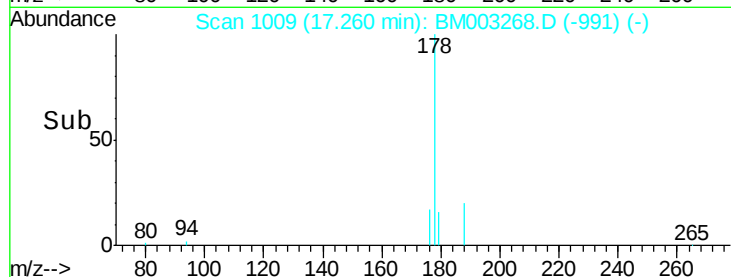
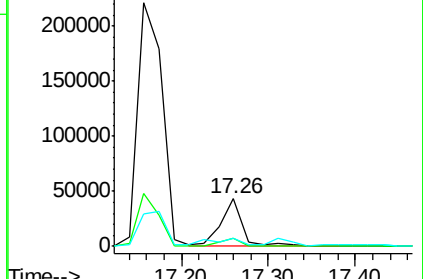
179 16.9 14.2 21.2



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: 17.26 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BM003268.D

Acq: 22 Nov 2015 03:04

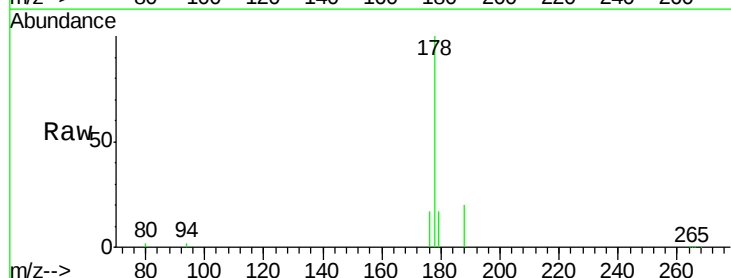
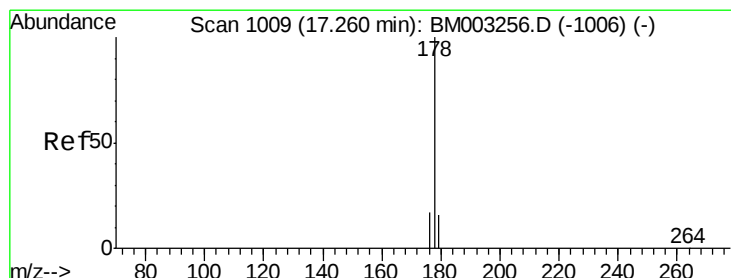
Tgt Ion:178 Resp: 70914

Ion Ratio Lower Upper

178 100

176 17.1 14.0 21.0

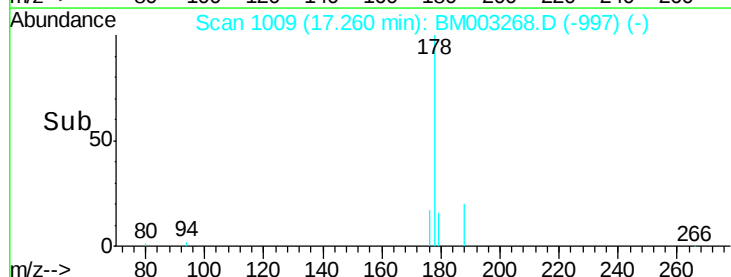
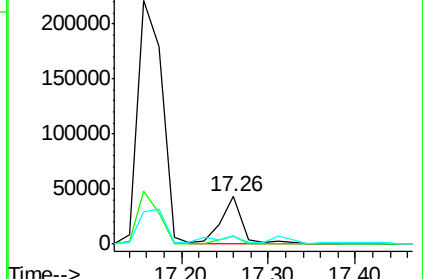
179 16.9 12.9 19.3

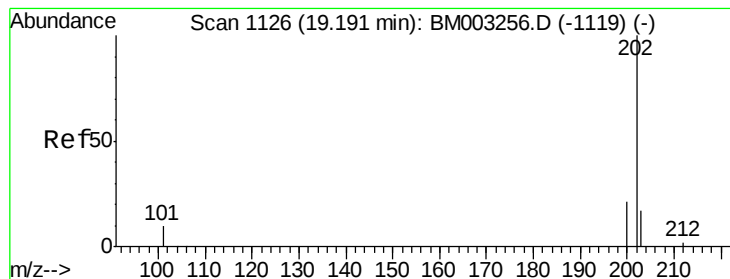


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#17

Fluoranthene

Concen: 0.12 ng/ul

RT: 19.19 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BM003268.D

Acq: 22 Nov 2015 03:04

Instrument :

BNA_M

ClientSampleId :

A4J54

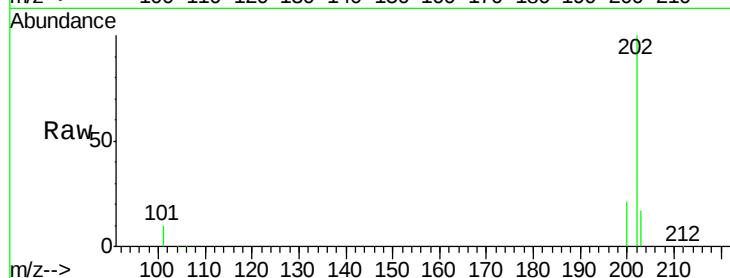
Tgt Ion:202 Resp: 865815

Ion Ratio Lower Upper

202 100

101 9.7 0.0 29.6

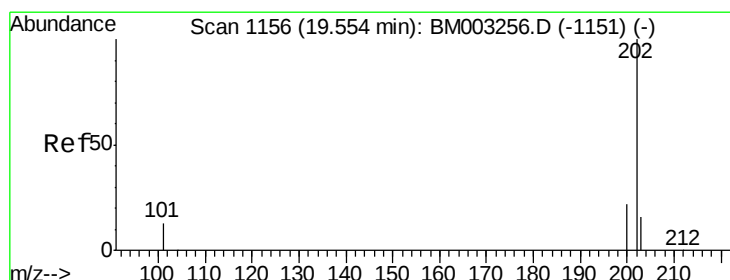
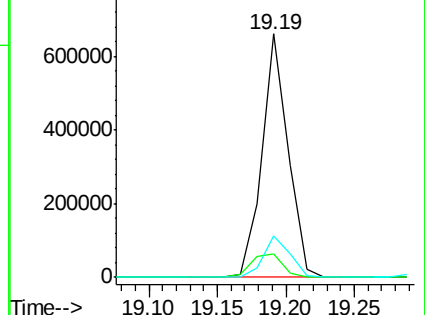
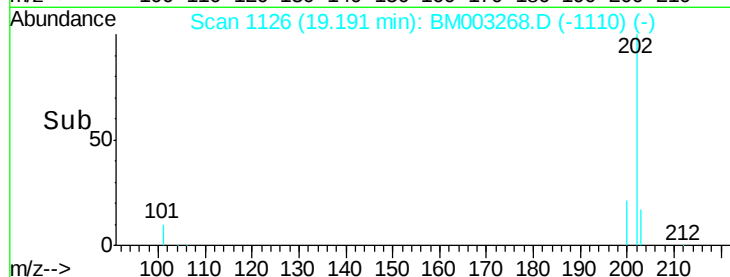
203 16.9 0.0 36.3



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



#19

Pyrene

Concen: 4.02 ng/ul

RT: 19.55 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BM003268.D

Acq: 22 Nov 2015 03:04

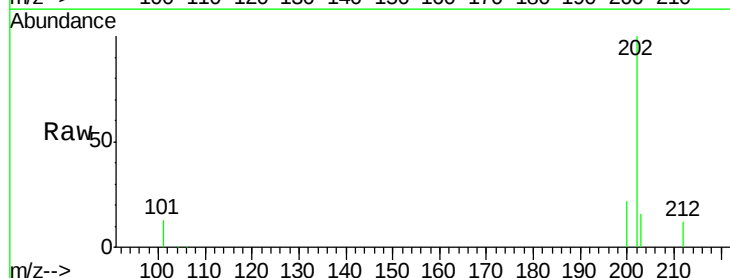
Tgt Ion:202 Resp: 782508

Ion Ratio Lower Upper

202 100

200 22.0 17.8 26.8

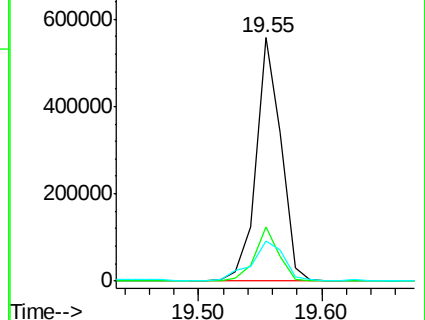
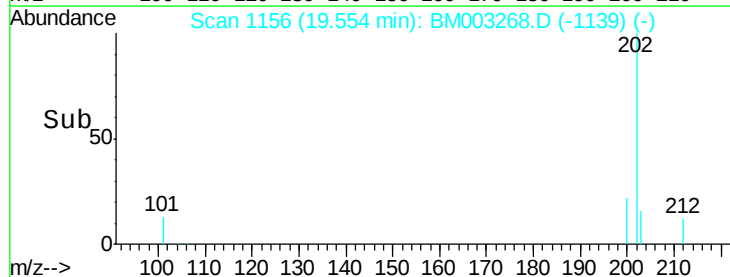
203 16.4 12.8 19.2

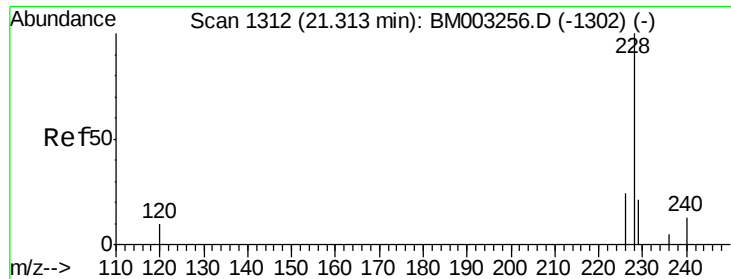


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 2.03 ng/ul

RT: 21.30 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BM003268.D

Acq: 22 Nov 2015 03:04

Instrument :

BNA_M

ClientSampleId :

A4J54

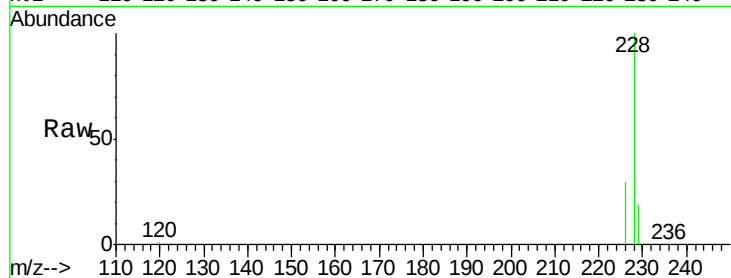
Tgt Ion:228 Resp: 334621

Ion Ratio Lower Upper

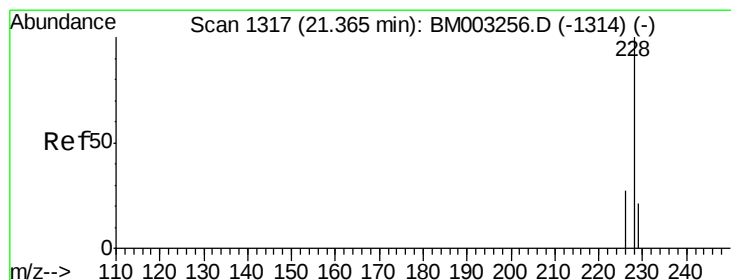
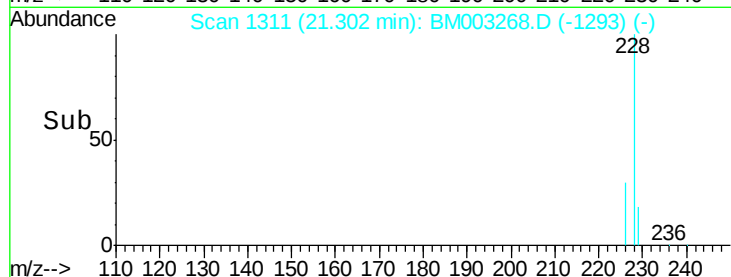
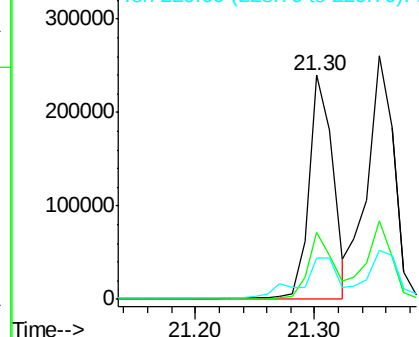
228 100

226 30.0 18.8 28.2#

229 18.7 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: 1.80 ng/ul

RT: 21.30 min Scan# 1311

Delta R.T. -0.06 min

Lab File: BM003268.D

Acq: 22 Nov 2015 03:04

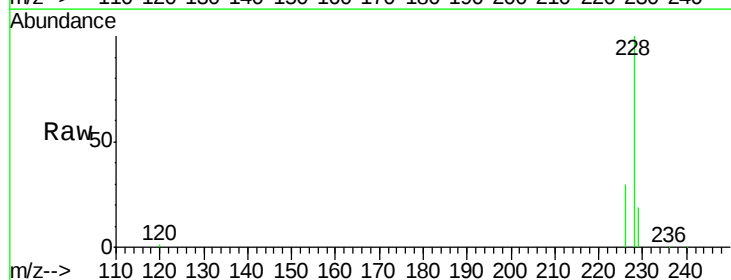
Tgt Ion:228 Resp: 334621

Ion Ratio Lower Upper

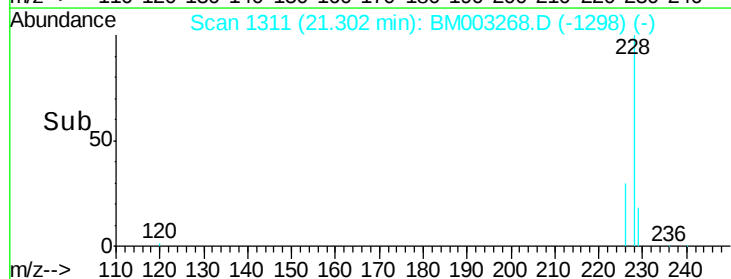
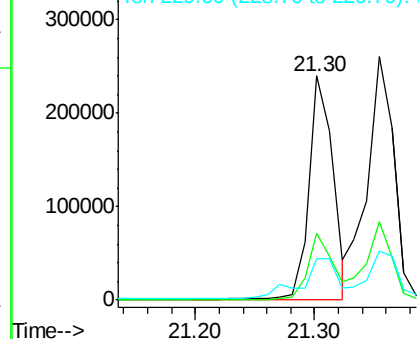
228 100

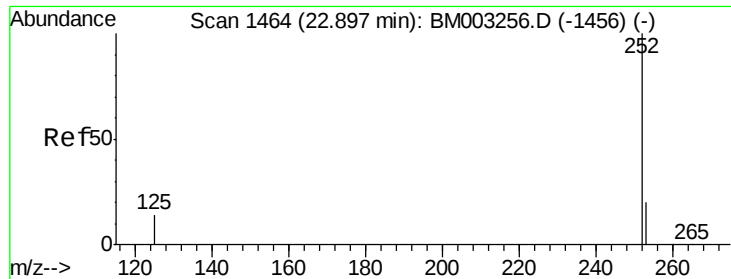
226 30.0 21.2 31.8

229 18.7 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: 3.14 ng/u1

RT: 22.90 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BM003268.D

Acq: 22 Nov 2015 03:04

Instrument :

BNA_M

ClientSampleId :

A4J54

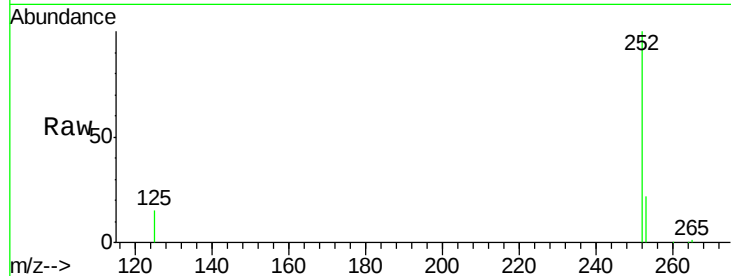
Tgt Ion:252 Resp: 713371

Ion Ratio Lower Upper

252 100

253 22.1 0.0 45.4

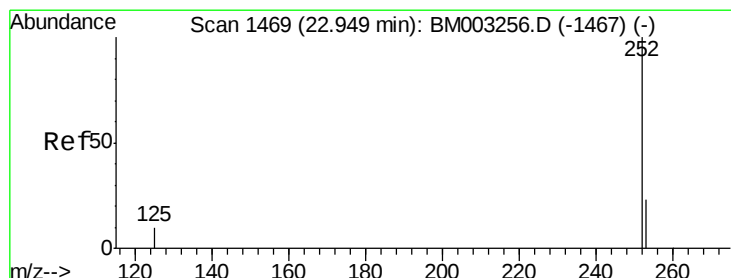
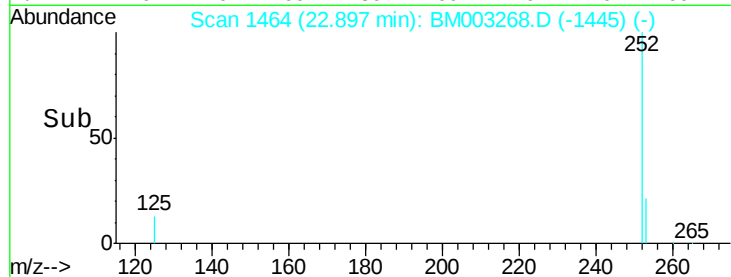
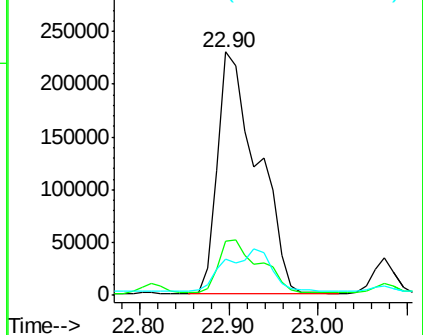
125 14.8 0.0 28.8



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: 3.32 ng/u1

RT: 22.90 min Scan# 1464

Delta R.T. -0.05 min

Lab File: BM003268.D

Acq: 22 Nov 2015 03:04

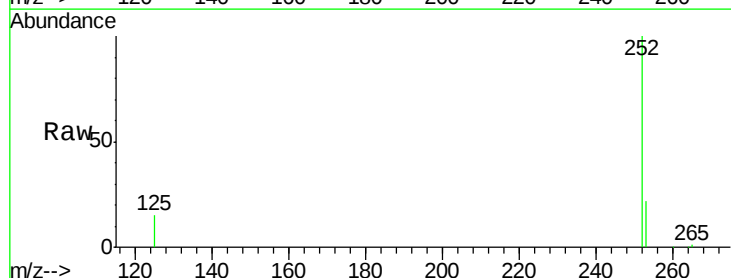
Tgt Ion:252 Resp: 713371

Ion Ratio Lower Upper

252 100

253 22.1 19.8 29.8

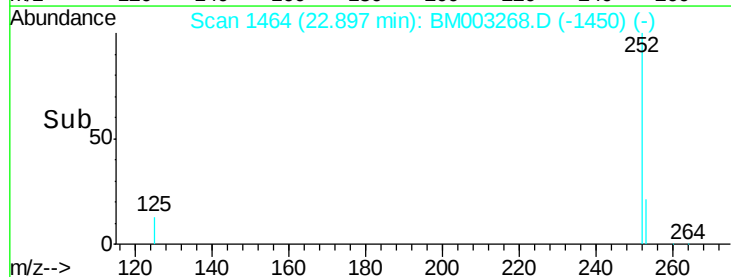
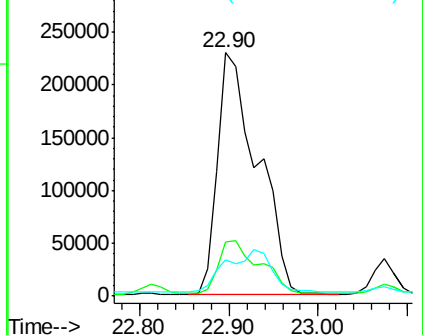
125 14.8 10.4 15.6

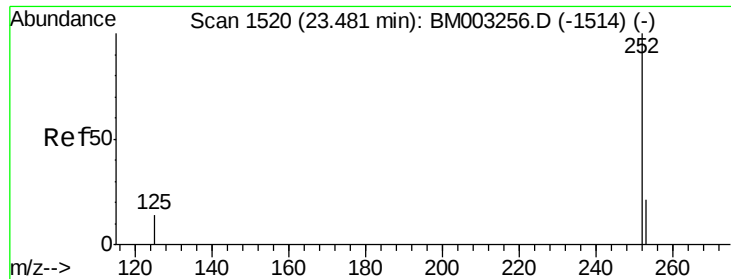


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 1.74 ng/ul

RT: 23.48 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BM003268.D

Acq: 22 Nov 2015 03:04

Instrument :

BNA_M

ClientSampleId :

A4J54

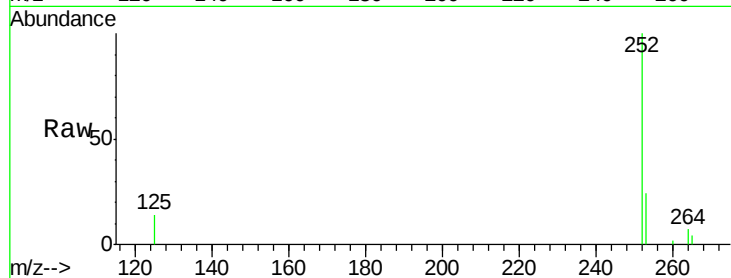
Tgt Ion:252 Resp: 351366

Ion Ratio Lower Upper

252 100

253 23.5 19.4 29.2

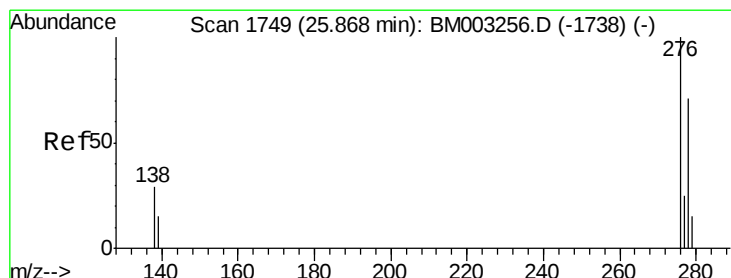
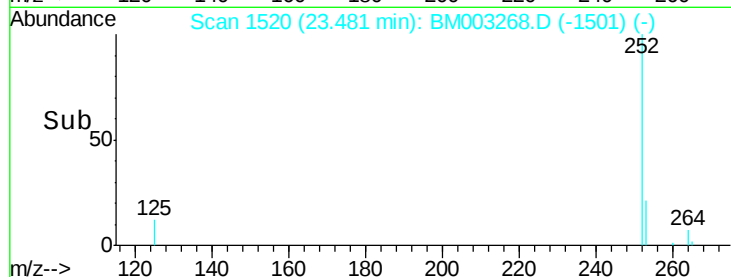
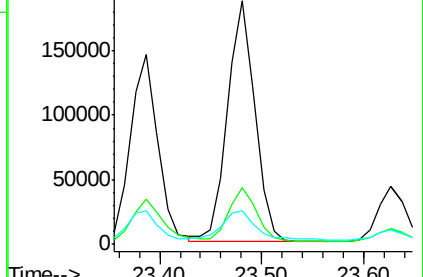
125 13.9 12.7 19.1



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: 1.06 ng/ul

RT: 25.86 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BM003268.D

Acq: 22 Nov 2015 03:04

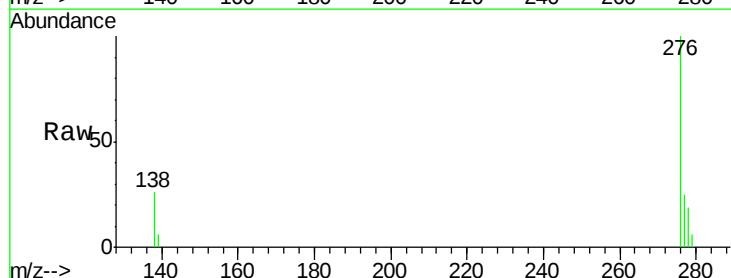
Tgt Ion:276 Resp: 254951

Ion Ratio Lower Upper

276 100

138 25.6 16.3 24.5#

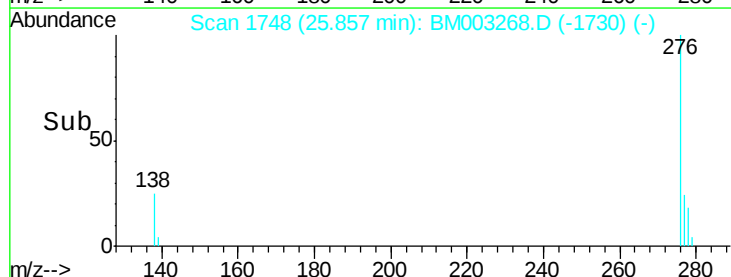
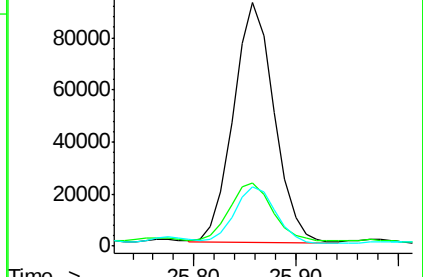
277 24.1 19.8 29.8

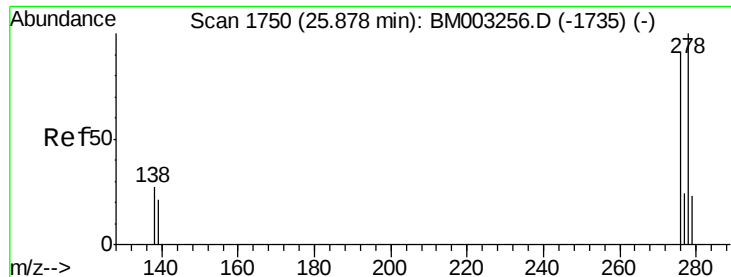


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

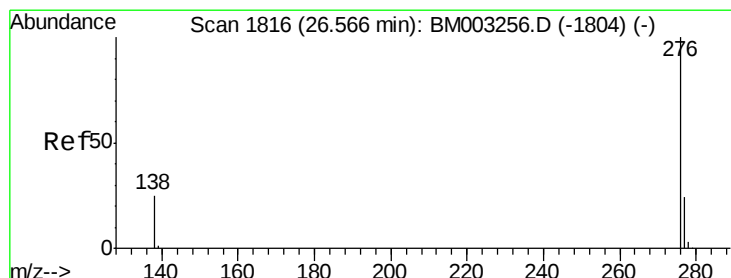
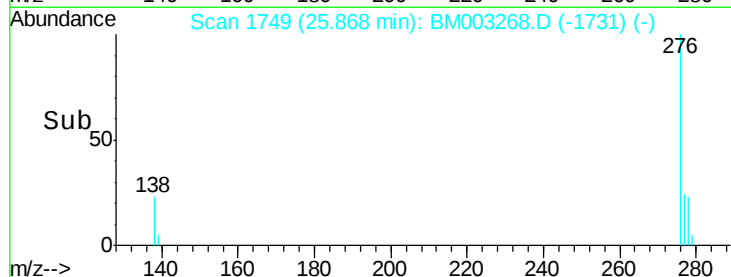
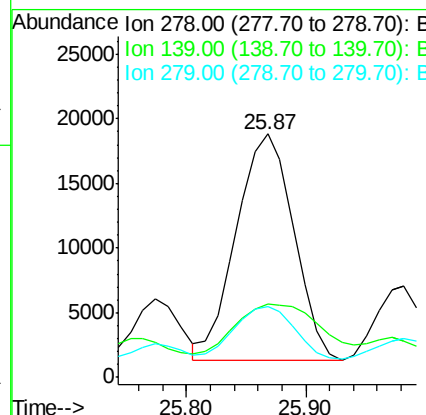
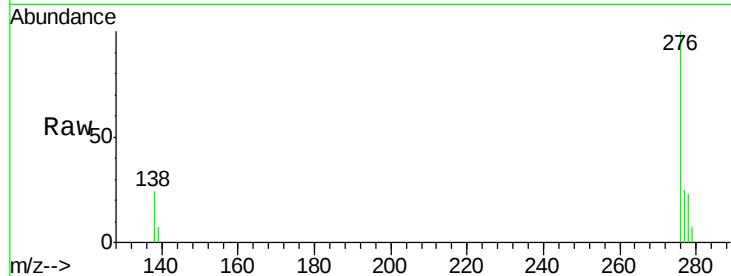




#27
Dibenzo(a,h)anthracene
Concen: 0.30 ng/ul
RT: 25.87 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BM003268.D
Acq: 22 Nov 2015 03:04

Instrument :
BNA_M
ClientSampleId :
A4J54

Tgt Ion: 278 Resp: 58479
Ion Ratio Lower Upper
278 100
139 30.1 16.4 24.6#
279 29.1 20.2 30.2



#28
Benzo(g,h,i)perylene
Concen: 1.22 ng/ul
RT: 26.56 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BM003268.D
Acq: 22 Nov 2015 03:04

Tgt Ion: 276 Resp: 257601
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 27.7 22.5 33.7

