

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112115\
 Data File : BM003256.D
 Acq On : 21 Nov 2015 19:18
 Operator : UM/IZ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 22 01:19:46 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 01:13:23 2015
 Response via : Initial Calibration

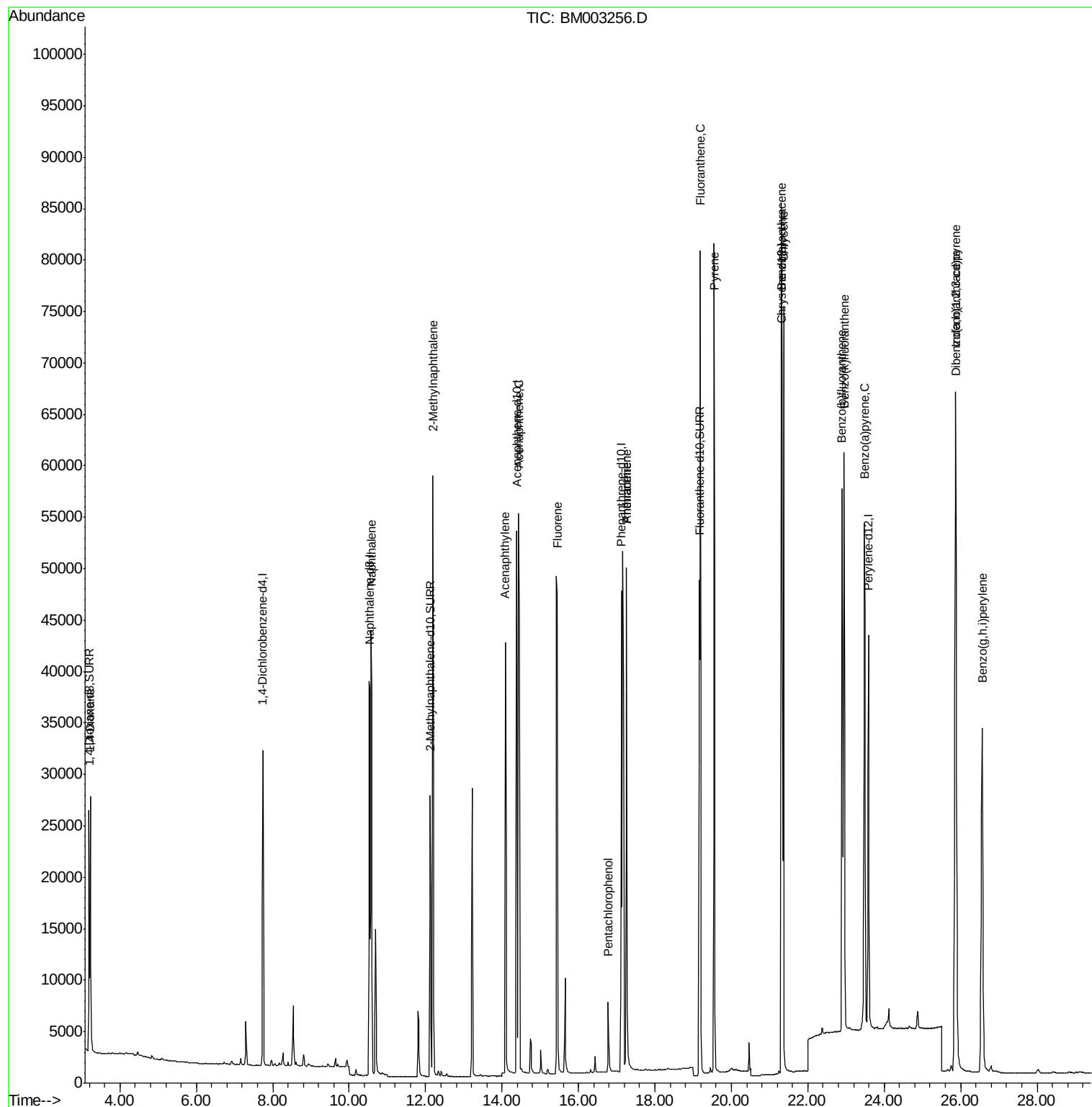
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	16000	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	60762	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	29241	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	59514	0.40	ng/ul	0.00
18) Chrysene-d12	21.32	240	53604	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	50878	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	16708	0.98	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	33741	0.41	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	56123	0.38	ng/ul	0.00
Target Compounds				Ovalue		
3) 1,4-Dioxane	3.23	88	18915	0.97	ng/ul#	100
5) Naphthalene	10.57	128	63601	0.41	ng/ul	97
7) 2-Methylnaphthalene	12.19	142	42614	0.42	ng/ul#	100
9) Acenaphthylene	14.09	152	53823	0.44	ng/ul	98
10) Acenaphthene	14.43	153	42100	0.41	ng/ul#	77
11) Fluorene	15.44	166	45666	0.41	ng/ul	98
13) Pentachlorophenol	16.78	266	5289	0.38	ng/ul	95
14) Phenanthrene	17.26	178	59595	0.35	ng/ul	98
15) Anthracene	17.26	178	62026	0.43	ng/ul	99
17) Fluoranthene	19.19	202	74492	0.39	ng/ul	99
19) Pyrene	19.55	202	77582	0.42	ng/ul	100
20) Benzo(a)anthracene	21.31	228	68617	0.44	ng/ul	100
21) Chrysene	21.36	228	72220	0.41	ng/ul	100
23) Benzo(b)fluoranthene	22.90	252	79152	0.41	ng/ul	98
24) Benzo(k)fluoranthene	22.95	252	65865	0.36	ng/ul	98
25) Benzo(a)pyrene	23.48	252	71160	0.41	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	25.87	276	82802	0.40	ng/ul#	90
27) Dibenzo(a,h)anthracene	25.88	278	66018	0.40	ng/ul	98
28) Benzo(g,h,i)perylene	26.57	276	70763	0.39	ng/ul	98

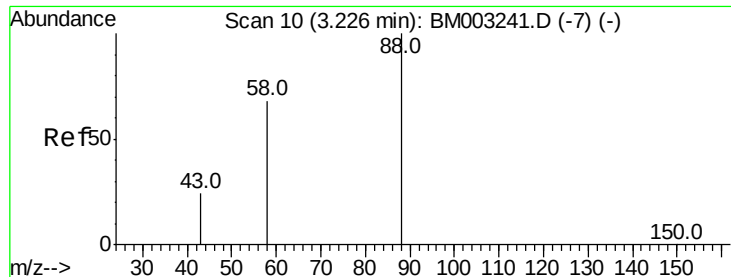
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112115\
Data File : BM003256.D
Acq On : 21 Nov 2015 19:18
Operator : UM/IZ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 22 01:19:46 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM11815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 01:13:23 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 0.97 ng/ul

RT: 3.23 min Scan# 10

Delta R.T. 0.00 min

Lab File: BM003256.D

Acq: 21 Nov 2015 19:18

Instrument :

BNA_M

ClientSampleId :

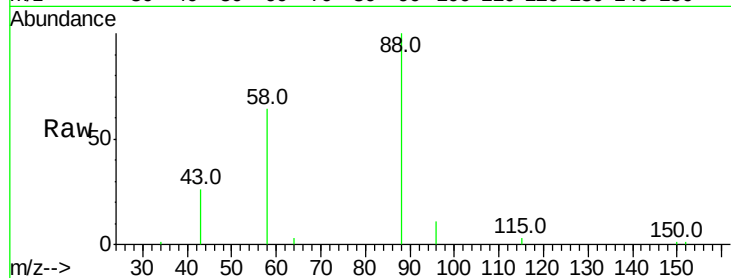
Tot Ion: 88 Resp: 18915

Ion Ratio Lower Upper

88 100

58 58.7 0.0 0.0#

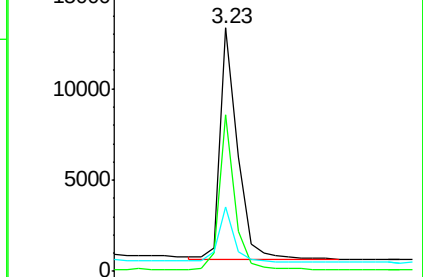
43 22.1 0.0 0.0#



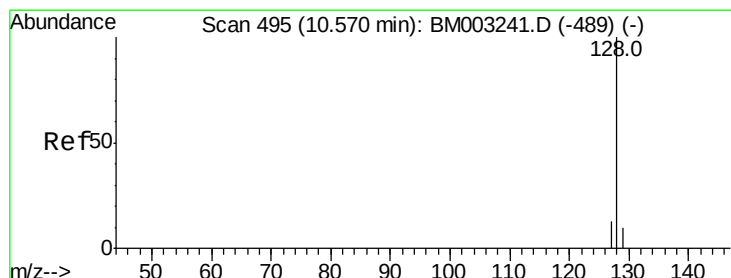
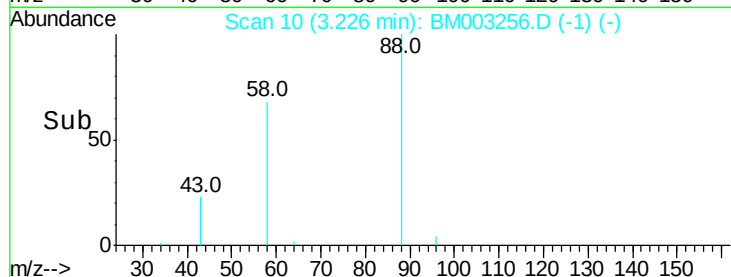
Abundance Ion 88.00 (87.70 to 88.70): BM003241.D (-7) (-)

Ion 58.00 (57.70 to 58.70): BM003241.D (-7) (-)

Ion 43.00 (42.70 to 43.70): BM003241.D (-7) (-)



Time-->



#5

Naphthalene

Concen: 0.41 ng/ul

RT: 10.57 min Scan# 495

Delta R.T. 0.00 min

Lab File: BM003256.D

Acq: 21 Nov 2015 19:18

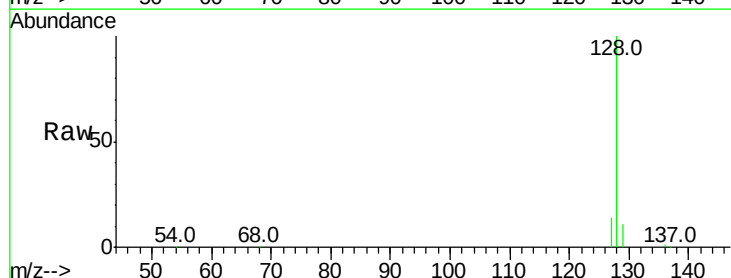
Tgt Ion: 128 Resp: 63601

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.6

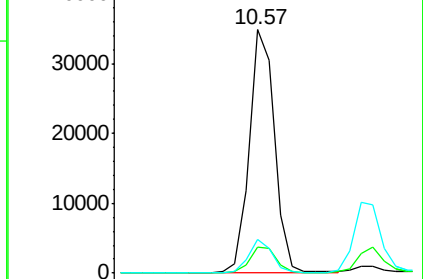
127 13.6 9.6 14.4



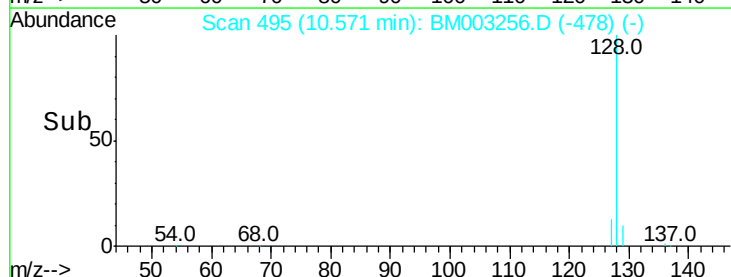
Abundance Ion 128.00 (127.70 to 128.70): BM003241.D (-489) (-)

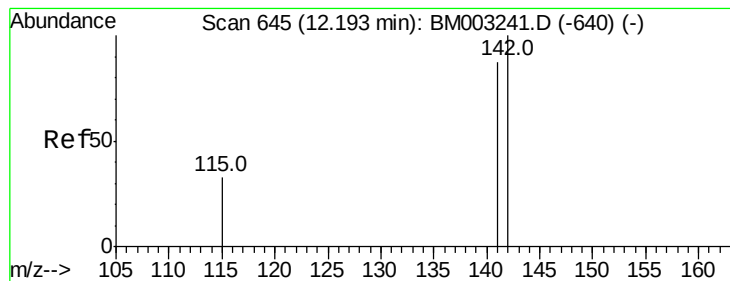
Ion 129.00 (128.70 to 129.70): BM003241.D (-489) (-)

Ion 127.00 (126.70 to 127.70): BM003241.D (-489) (-)



Time-->





#7

2-Methylnaphthalene

Concen: 0.42 ng/ul

RT: 12.19 min Scan# 645

Delta R.T. 0.00 min

Lab File: BM003256.D

Acq: 21 Nov 2015 19:18

Instrument :

BNA_M

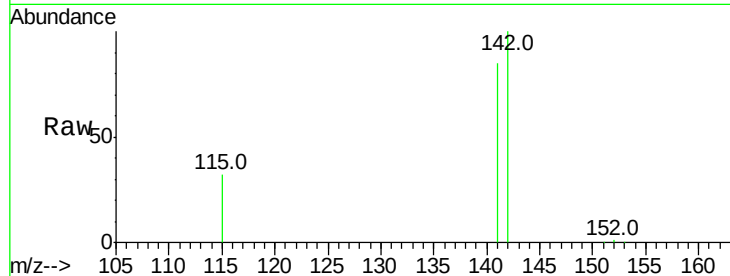
ClientSampleId :

Tot Ion:142 Resp: 42614

Ion Ratio Lower Upper

142 100

141 87.5 0.0 0.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.19

30000

25000

20000

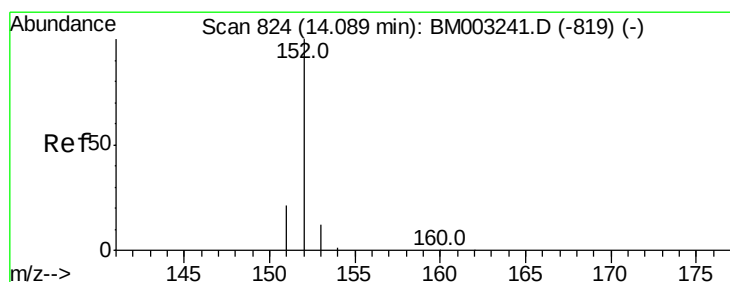
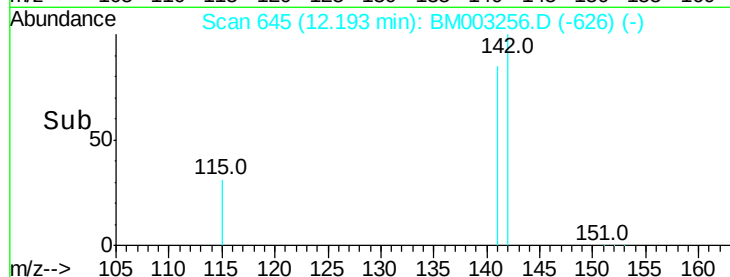
15000

10000

5000

0

Time--> 12.10 12.20 12.30 12.40



#9

Acenaphthylene

Concen: 0.44 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BM003256.D

Acq: 21 Nov 2015 19:18

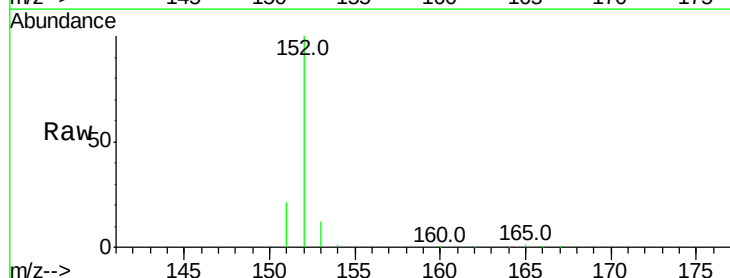
Tgt Ion:152 Resp: 53823

Ion Ratio Lower Upper

152 100

151 21.1 17.6 26.4

153 12.4 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

14.09

40000

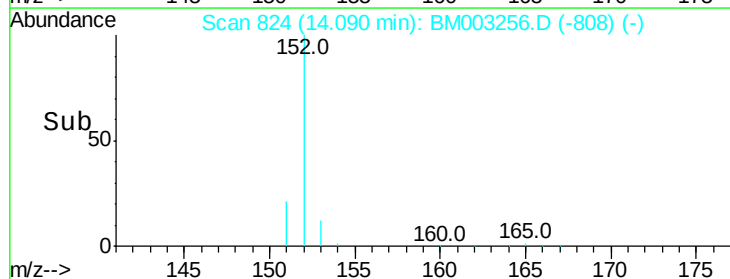
30000

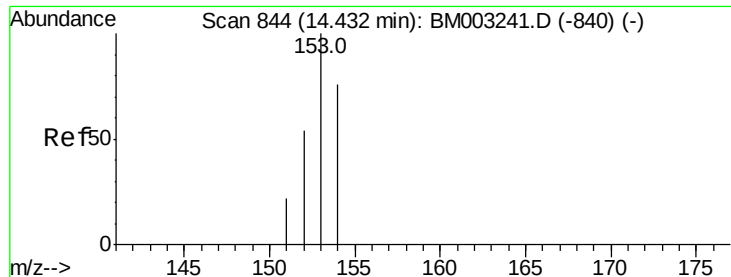
20000

10000

0

Time--> 14.00 14.10 14.20





#10

Acenaphthene

Concen: 0.41 ng/ul

RT: 14.43 min Scan# 844

Delta R.T. 0.00 min

Lab File: BM003256.D

Acq: 21 Nov 2015 19:18

Instrument :

BNA_M

ClientSampleId :

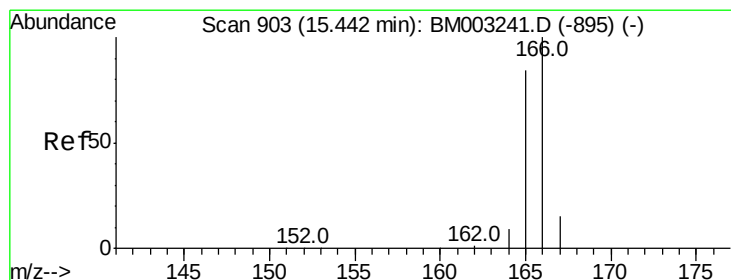
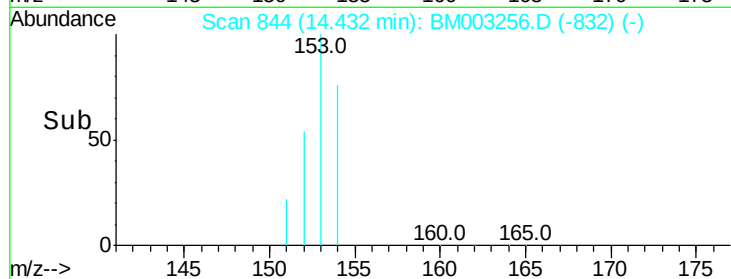
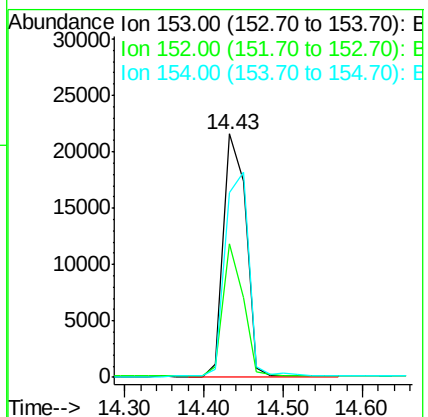
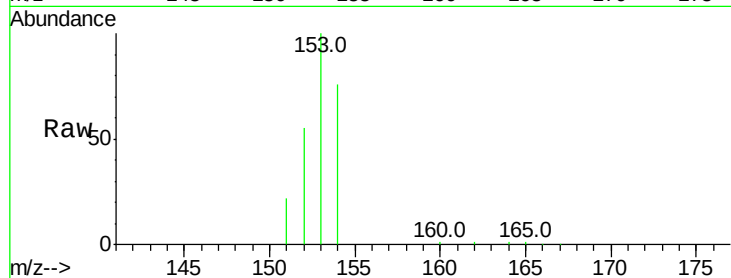
Tot Ion:153 Resp: 42100

Ion Ratio Lower Upper

153 100

152 54.9 33.9 50.9#

154 76.0 80.6 121.0#



#11

Fluorene

Concen: 0.41 ng/ul

RT: 15.44 min Scan# 903

Delta R.T. 0.00 min

Lab File: BM003256.D

Acq: 21 Nov 2015 19:18

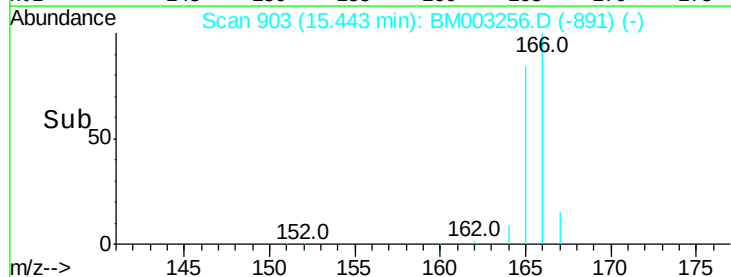
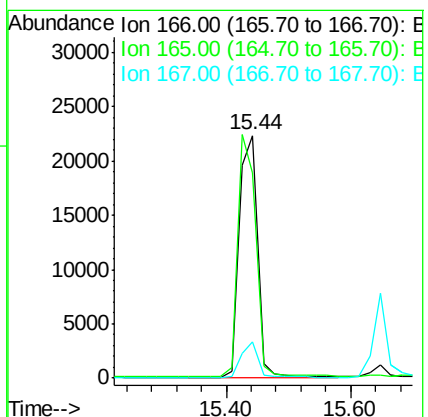
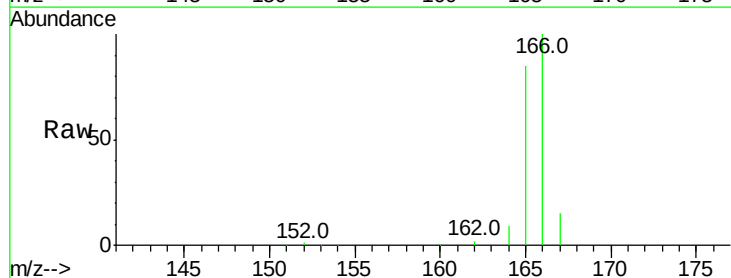
Tgt Ion:166 Resp: 45666

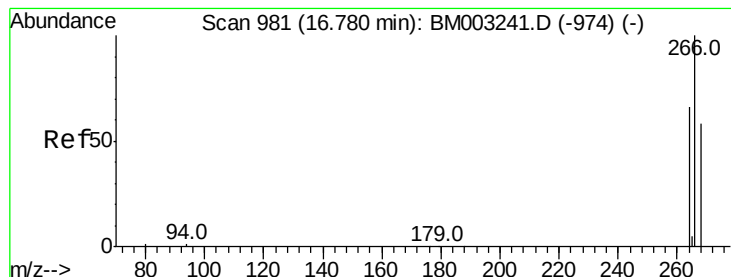
Ion Ratio Lower Upper

166 100

165 84.8 69.6 104.4

167 15.1 11.9 17.9





#13

Pentachlorophenol

Concen: 0.38 ng/ul

RT: 16.78 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM003256.D

Acq: 21 Nov 2015 19:18

Instrument :

BNA_M

ClientSampleId :

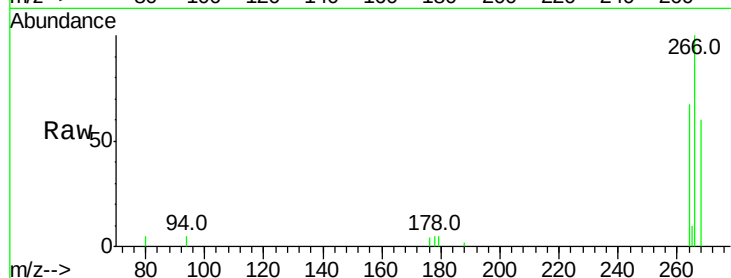
Tot Ion:266 Resp: 5289

Ion Ratio Lower Upper

266 100

264 62.7 51.8 77.8

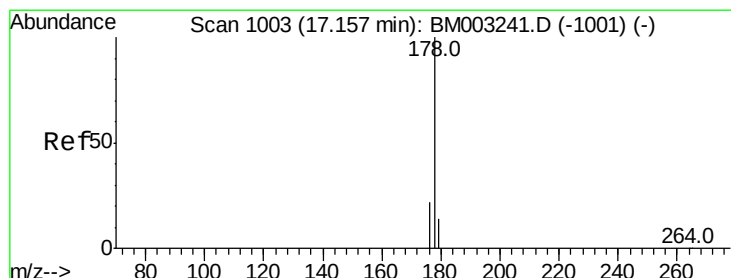
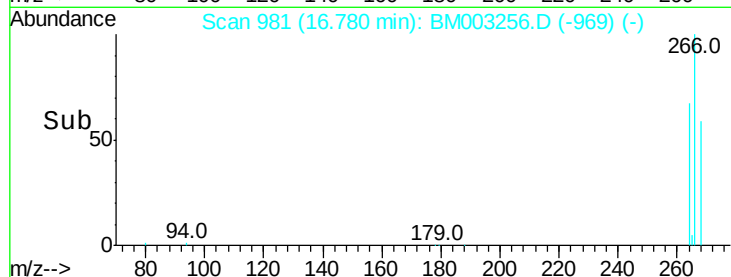
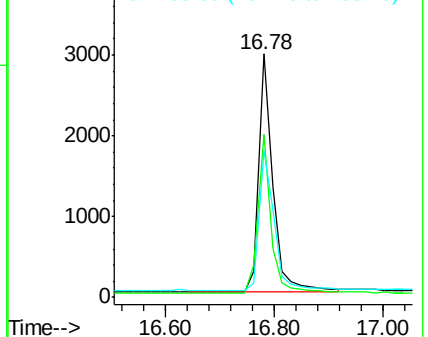
268 63.5 46.8 70.2



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: 0.35 ng/ul

RT: 17.26 min Scan# 1009

Delta R.T. 0.10 min

Lab File: BM003256.D

Acq: 21 Nov 2015 19:18

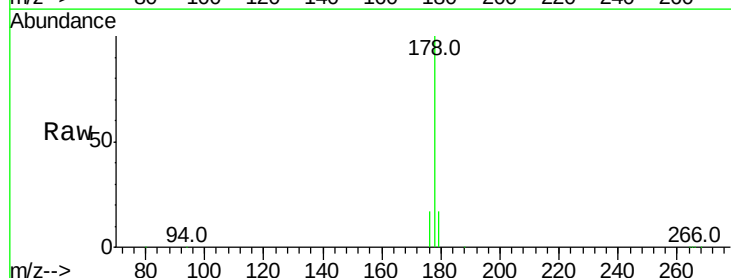
Tgt Ion:178 Resp: 59595

Ion Ratio Lower Upper

178 100

176 16.8 13.0 19.4

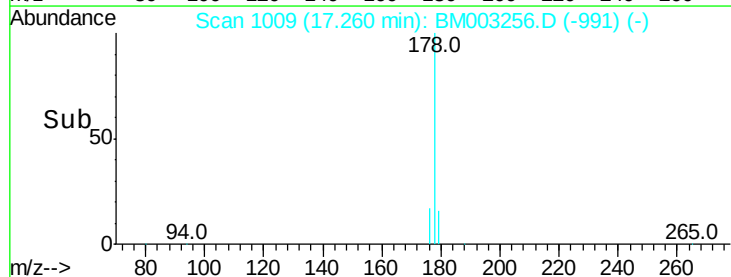
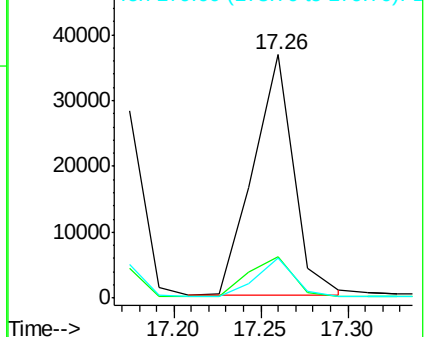
179 16.5 14.2 21.2

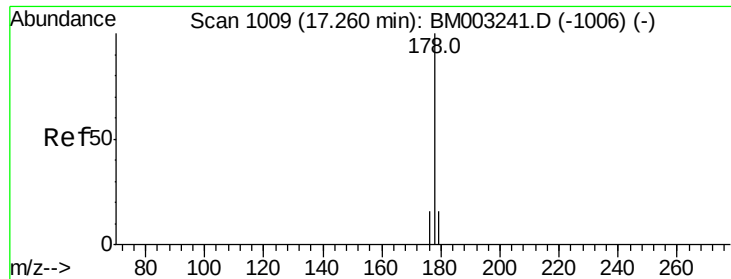


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

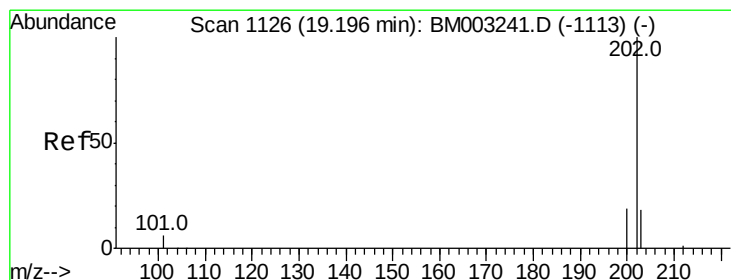
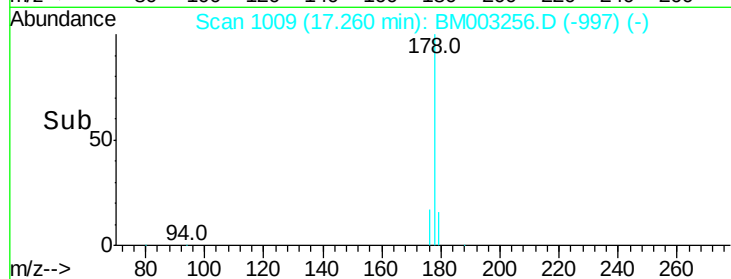
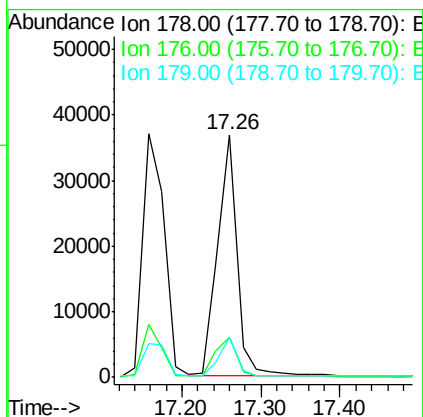
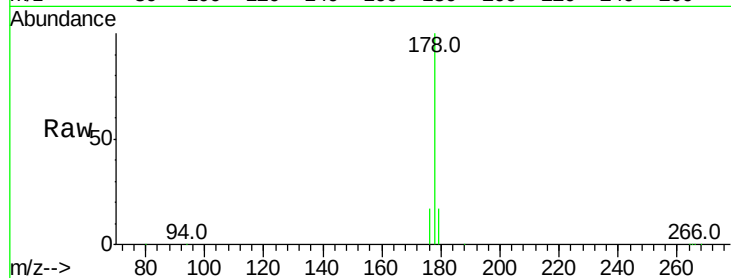




#15
 Anthracene
 Concen: 0.43 ng/ul
 RT: 17.26 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BM003256.D
 Acq: 21 Nov 2015 19:18

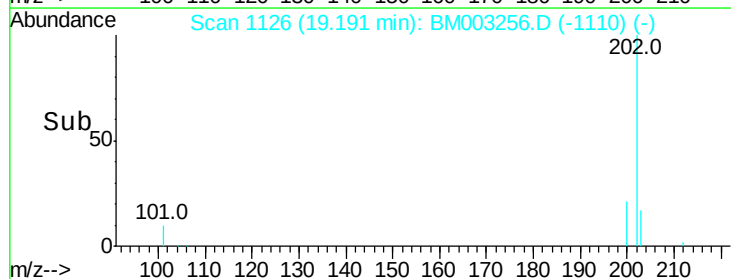
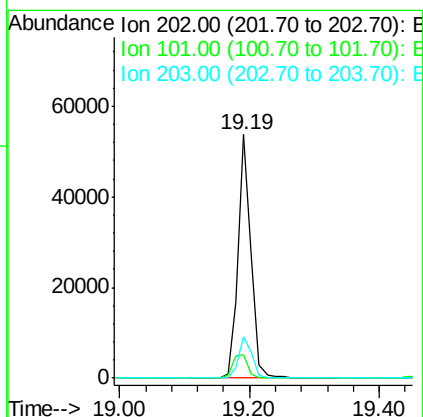
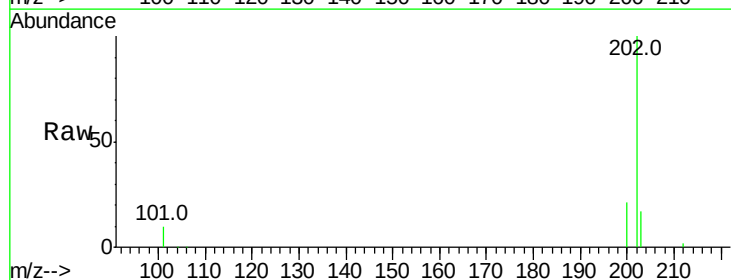
Instrument :
 BNA_M
 ClientSampleId :

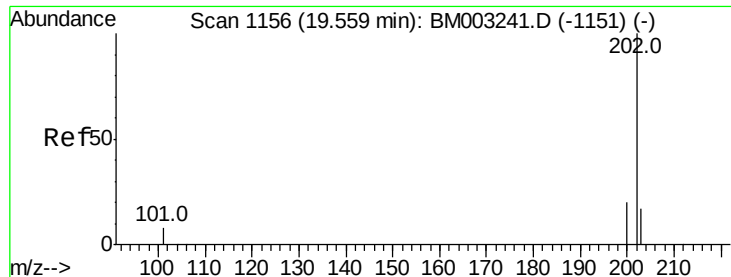
Tot Ion:178 Resp: 62026
 Ion Ratio Lower Upper
 178 100
 176 16.8 14.0 21.0
 179 16.5 12.9 19.3



#17
 Fluoranthene
 Concen: 0.39 ng/ul
 RT: 19.19 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BM003256.D
 Acq: 21 Nov 2015 19:18

Tgt Ion:202 Resp: 74492
 Ion Ratio Lower Upper
 202 100
 101 9.9 0.0 29.6
 203 16.8 0.0 36.3





#19

Pvrene

Concen: 0.42 ng/ul

RT: 19.55 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BM003256.D

Acq: 21 Nov 2015 19:18

Instrument :

BNA_M

ClientSampleId :

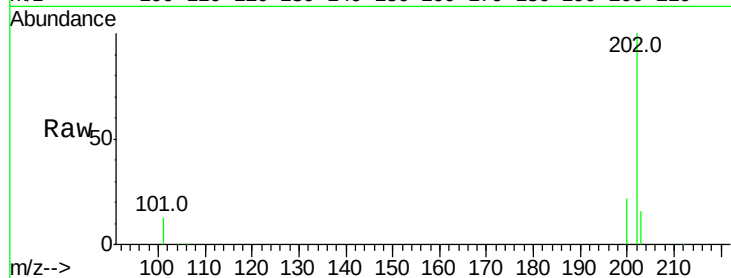
Tot Ion:202 Resp: 77582

Ion Ratio Lower Upper

202 100

200 22.2 17.8 26.8

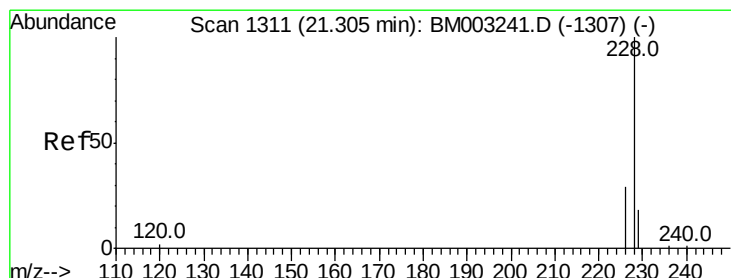
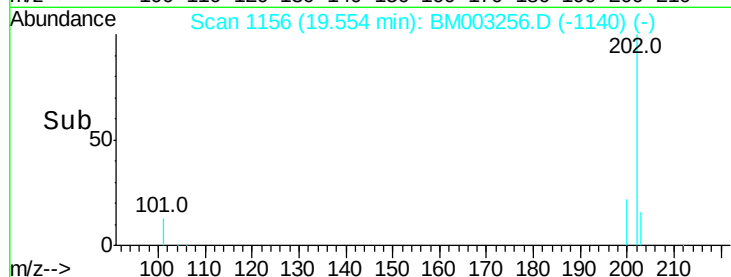
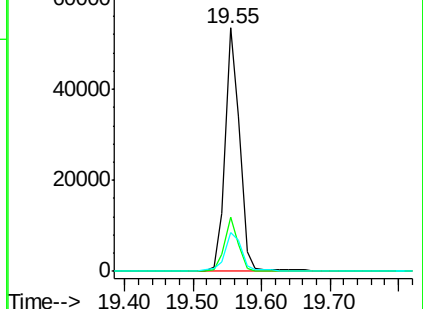
203 16.2 12.8 19.2



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: 0.44 ng/ul

RT: 21.31 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BM003256.D

Acq: 21 Nov 2015 19:18

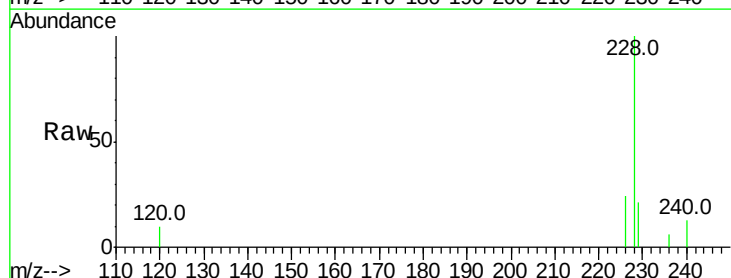
Tgt Ion:228 Resp: 68617

Ion Ratio Lower Upper

228 100

226 23.8 18.8 28.2

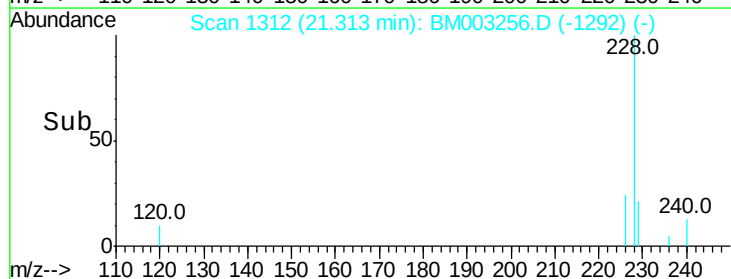
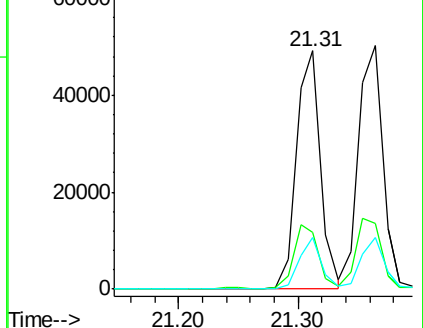
229 21.5 17.1 25.7

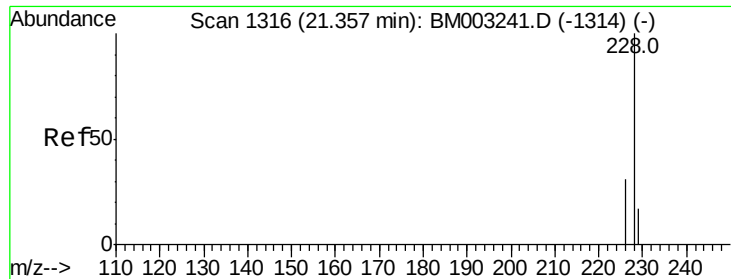


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.41 ng/ul

RT: 21.36 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BM003256.D

Acq: 21 Nov 2015 19:18

Instrument :

BNA_M

ClientSampleId :

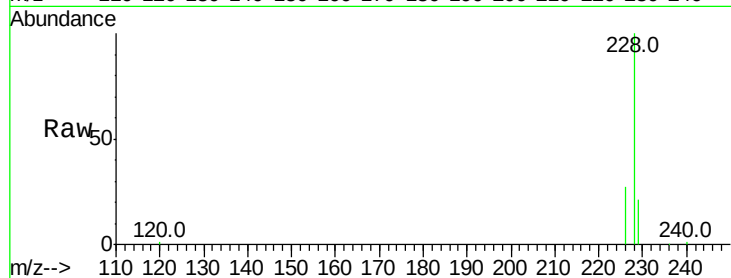
Tot Ion:228 Resp: 72220

Ion Ratio Lower Upper

228 100

226 26.9 21.2 31.8

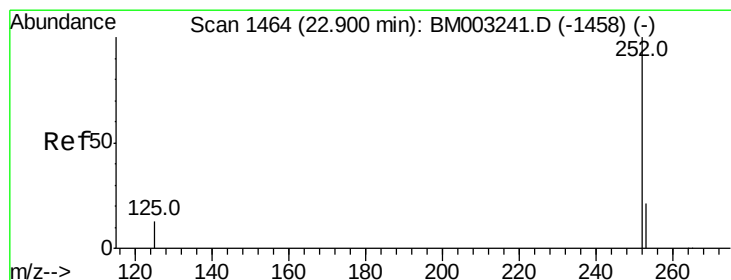
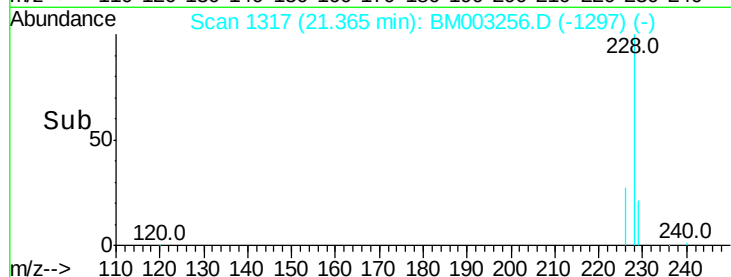
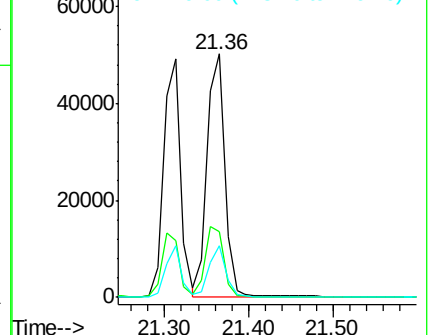
229 21.3 17.0 25.6



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: 0.41 ng/ul

RT: 22.90 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BM003256.D

Acq: 21 Nov 2015 19:18

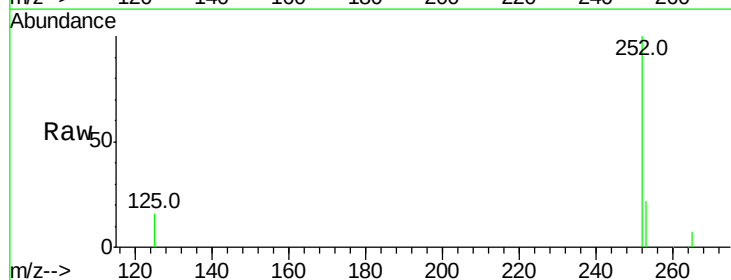
Tgt Ion:252 Resp: 79152

Ion Ratio Lower Upper

252 100

253 22.0 0.0 45.4

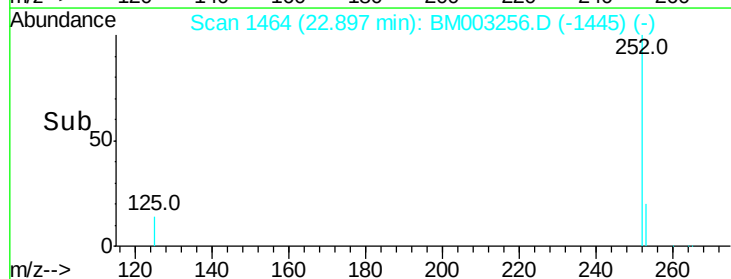
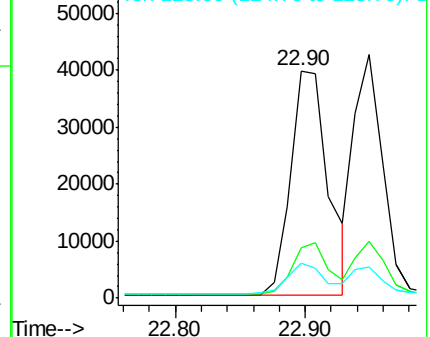
125 15.6 0.0 28.8

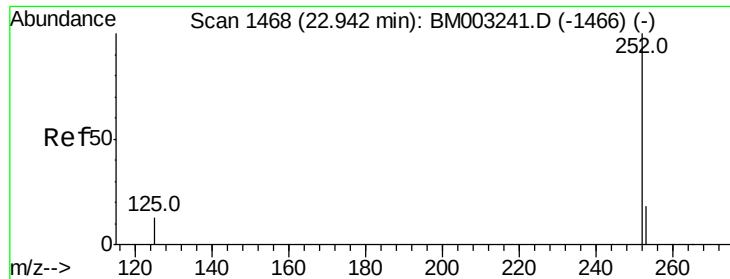


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

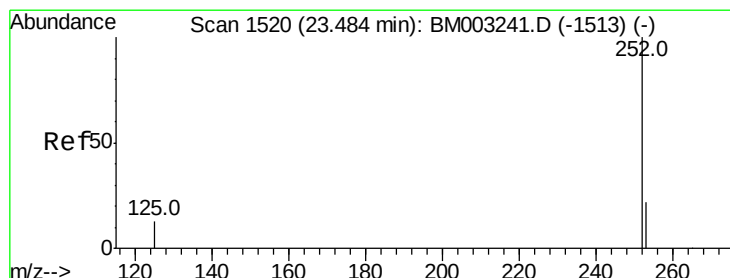
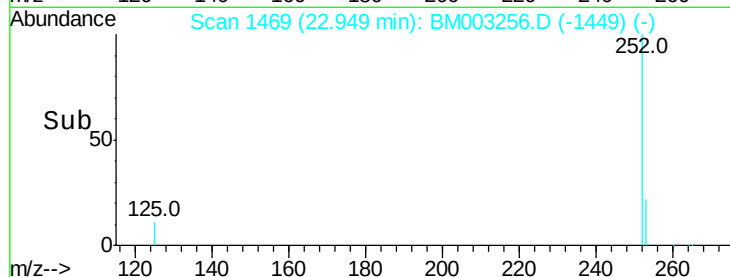
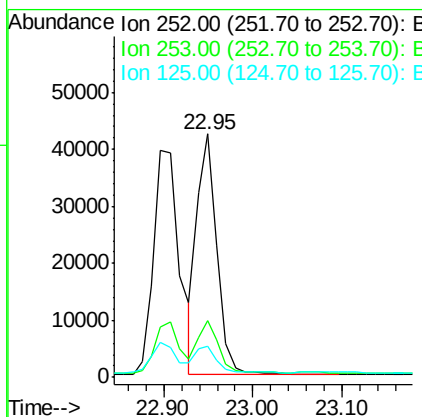
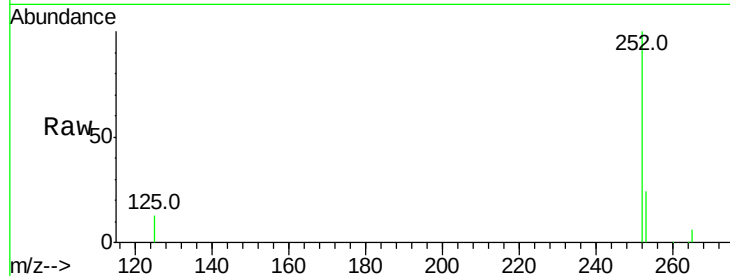




#24
Benzo(k)fluoranthene
Concen: 0.36 ng/ul
RT: 22.95 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BM003256.D
Acq: 21 Nov 2015 19:18

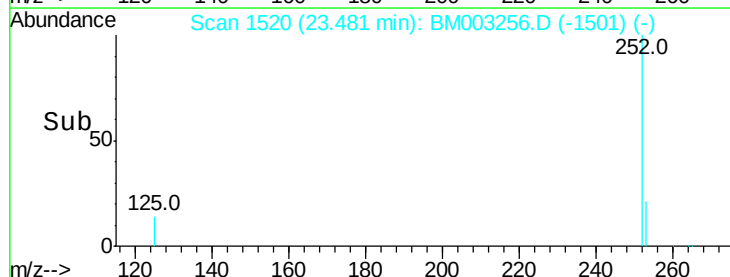
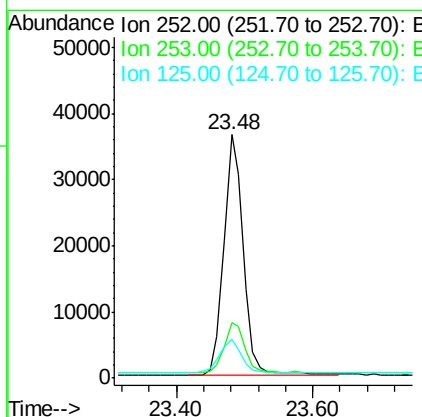
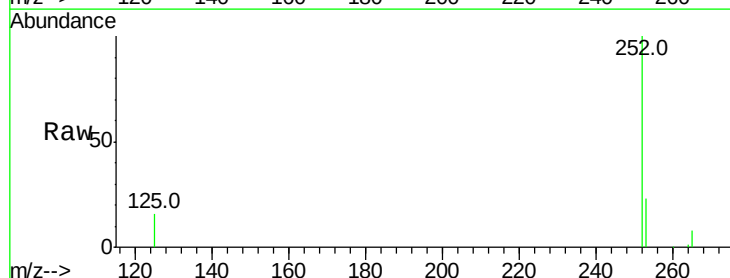
Instrument :
BNA_M
ClientSampled :

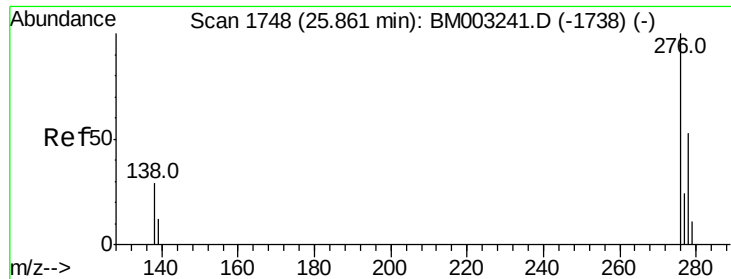
Tot Ion:252 Resp: 65865
Ion Ratio Lower Upper
252 100
253 23.5 19.8 29.8
125 12.9 10.4 15.6



#25
Benzo(a)pyrene
Concen: 0.41 ng/ul
RT: 23.48 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BM003256.D
Acq: 21 Nov 2015 19:18

Tgt Ion:252 Resp: 71160
Ion Ratio Lower Upper
252 100
253 23.0 19.4 29.2
125 16.0 12.7 19.1

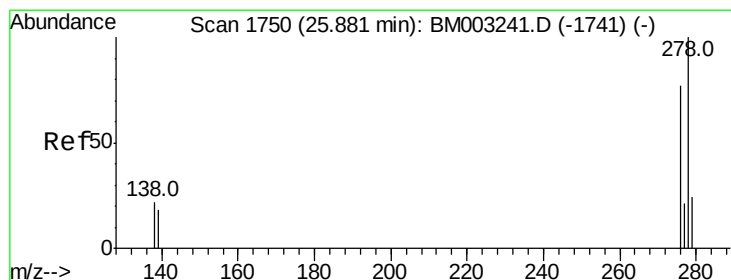
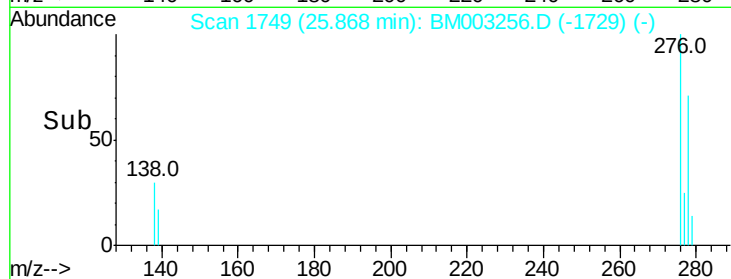
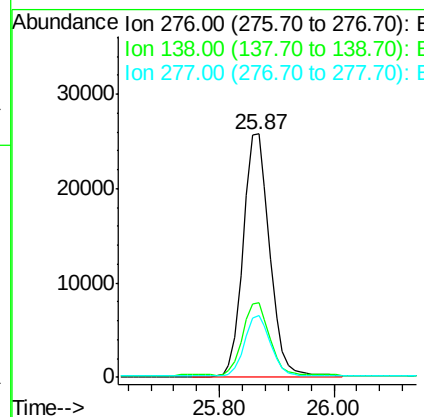
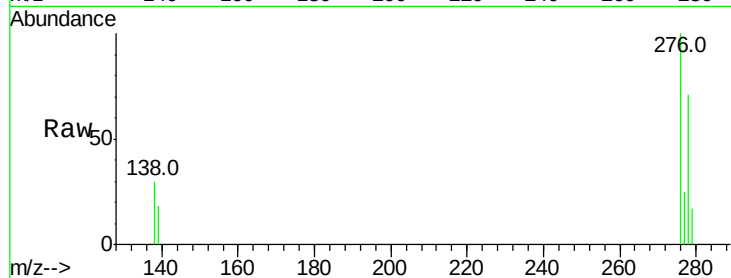




#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.40 ng/ul
 RT: 25.87 min Scan# 1749
 Delta R.T. 0.01 min
 Lab File: BM003256.D
 Acq: 21 Nov 2015 19:18

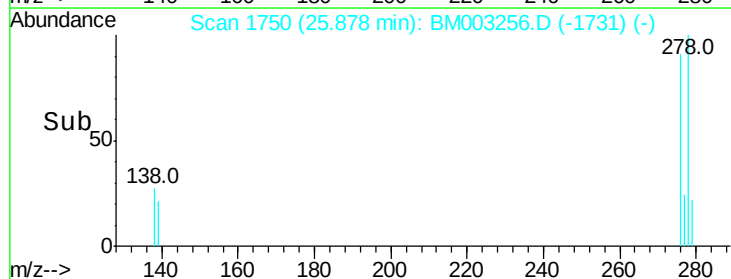
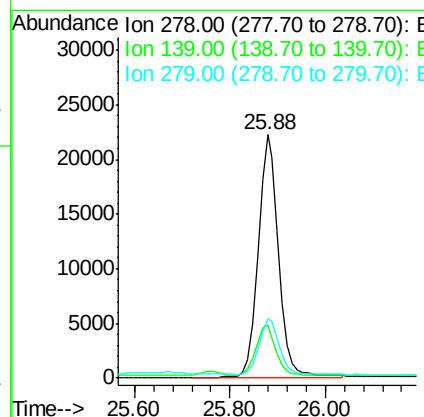
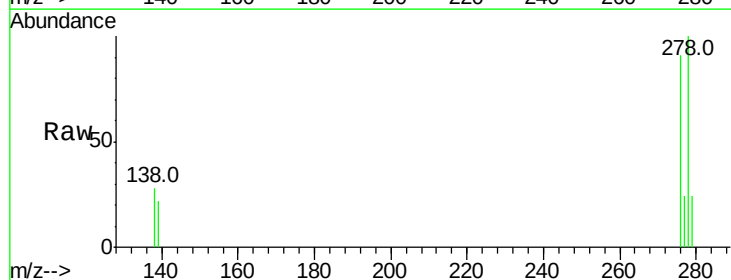
Instrument :
 BNA_M
 ClientSampleId :

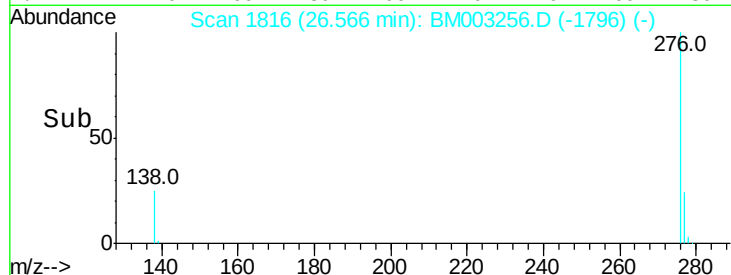
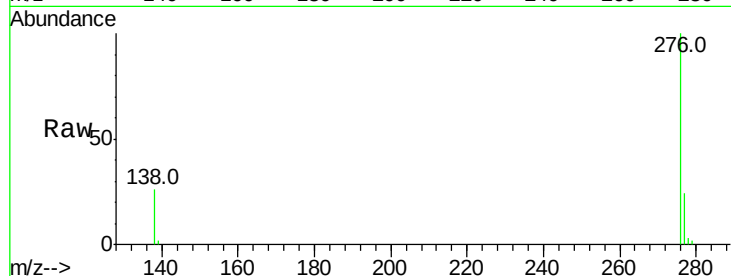
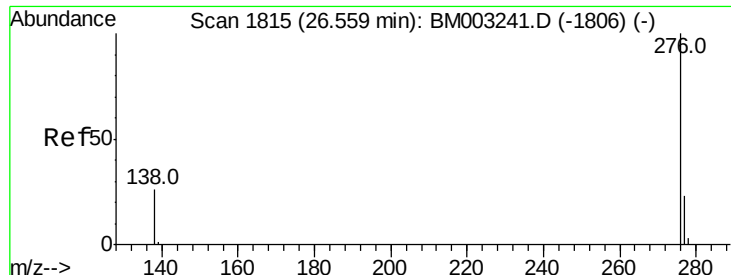
Tot Ion:276 Resp: 82802
 Ion Ratio Lower Upper
 276 100
 138 30.1 16.3 24.5#
 277 24.7 19.8 29.8



#27
 Dibenzo(a,h)anthracene
 Concen: 0.40 ng/ul
 RT: 25.88 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: BM003256.D
 Acq: 21 Nov 2015 19:18

Tgt Ion:278 Resp: 66018
 Ion Ratio Lower Upper
 278 100
 139 21.8 16.4 24.6
 279 24.3 20.2 30.2





#28

Benzo(a,h,i)perylene

Concen: 0.39 ng/ul

RT: 26.57 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BM003256.D

Acq: 21 Nov 2015 19:18

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 70763

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 26.2 22.5 33.7

