

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112015\
 Data File : BM003218.D
 Acq On : 20 Nov 2015 11:58
 Operator : UM/IZ
 Sample : G4309-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9KK2

Quant Time: Nov 21 03:48:53 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 : Sat Nov 21 03:26:56 2015
 Response via : Initial Calibration

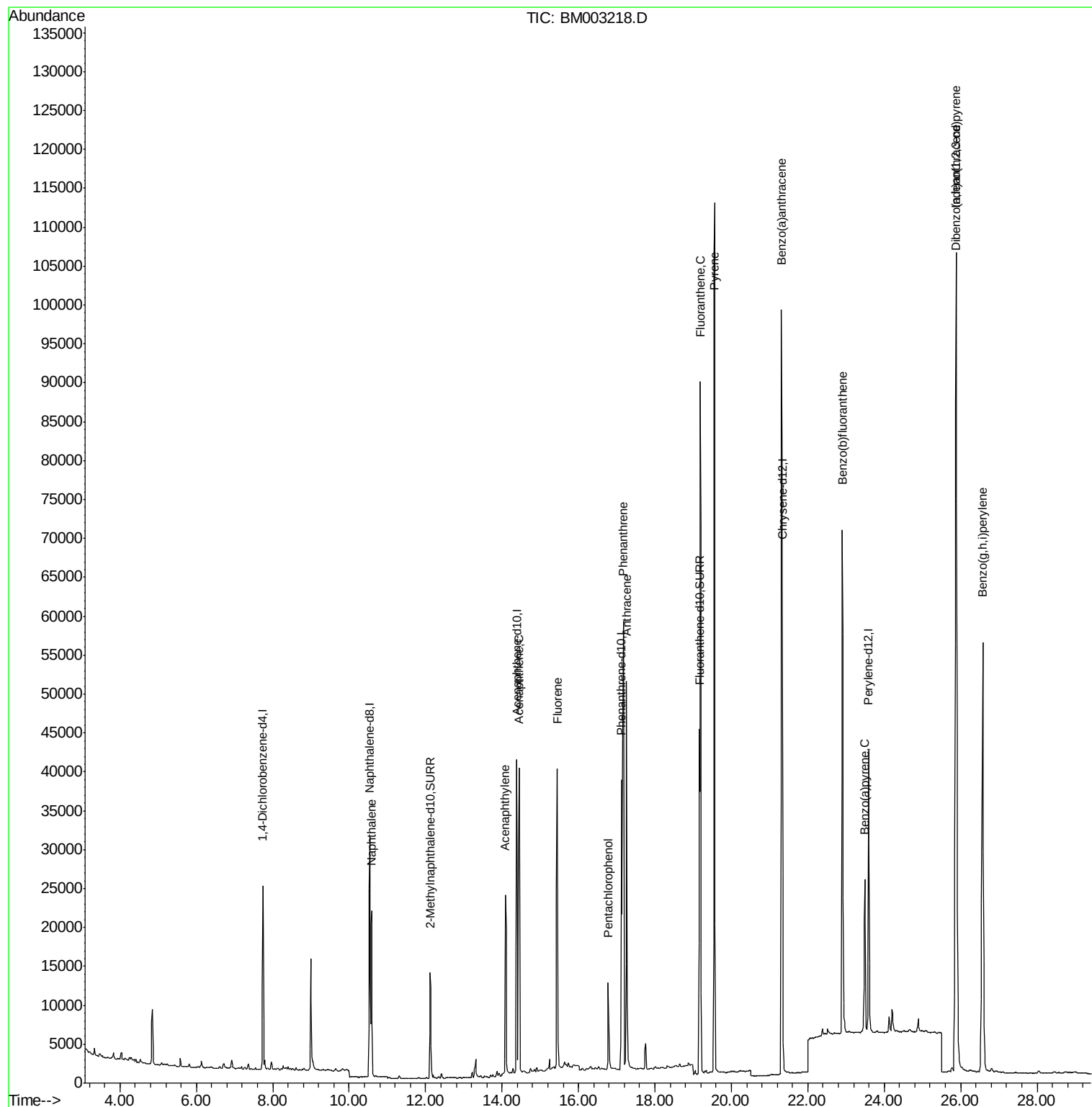
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	12069	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	45712	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	23329	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	51073	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	50767	0.40	ng/ul	0.00
22) Perylene-d12	23.60	264	47168	0.40	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	12.12	152	17931	0.29	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	50053	0.40	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.58	128	31832	0.27	ng/ul	98
9) Acenaphthylene	14.09	152	32420	0.33	ng/ul	99
10) Acenaphthene	14.45	153	29284	0.36	ng/ul	99
11) Fluorene	15.44	166	30525	0.34	ng/ul	99
13) Pentachlorophenol	16.78	266	8941	0.74	ng/ul	96
14) Phenanthrene	17.17	178	79969	0.54	ng/ul	99
15) Anthracene	17.26	178	56797	0.46	ng/ul	99
17) Fluoranthene	19.19	202	90584	0.55	ng/ul	95
19) Pyrene	19.57	202	121459	0.70	ng/ul#	92
20) Benzo(a)anthracene	21.31	228	85019	0.58	ng/ul	93
23) Benzo(b)fluoranthene	22.91	252	84255	0.47	ng/ul	97
25) Benzo(a)pyrene	23.49	252	28096	0.18	ng/ul#	88
26) Indeno(1,2,3-cd)pyrene	25.88	276	128883	0.68	ng/ul#	90
27) Dibenzo(a,h)anthracene	25.89	278	98026	0.64	ng/ul	98
28) Benzo(a,h,i)perylene	26.58	276	115137	0.69	ng/ul	98

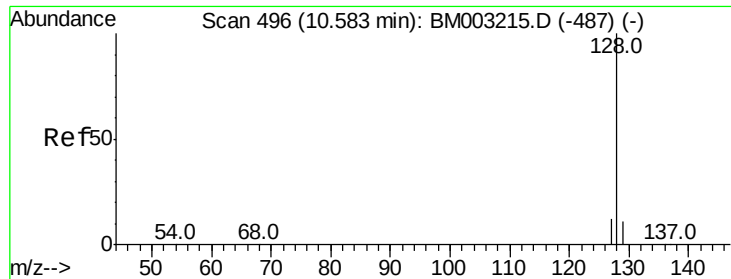
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112015\
Data File : BM003218.D
Acq On : 20 Nov 2015 11:58
Operator : UM/IZ
Sample : G4309-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9KK2

Quant Time: Nov 21 03:48:53 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 : Sat Nov 21 03:26:56 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.27 ng/ul

RT: 10.58 min Scan# 496

Delta R.T. 0.00 min

Lab File: BM003218.D

Acq: 20 Nov 2015 11:58

Instrument :

BNA_M

ClientSampleId :

D9KK2

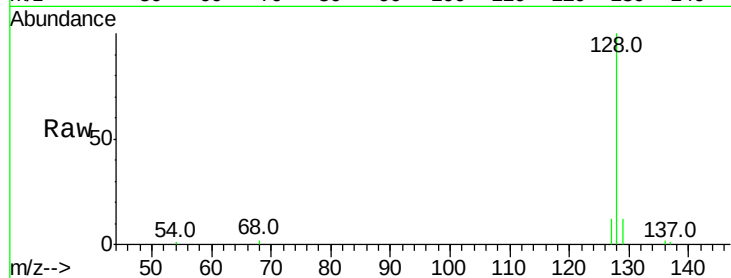
Tot Ion:128 Resp: 31832

Ion Ratio Lower Upper

128 100

129 12.2 9.0 13.6

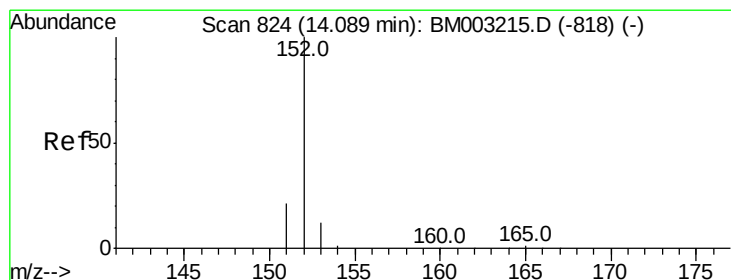
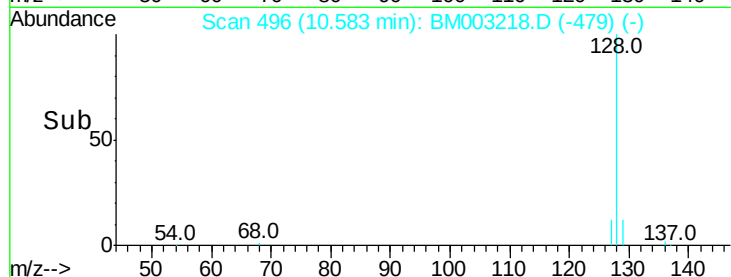
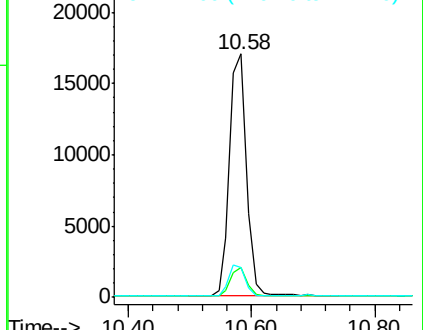
127 12.3 9.6 14.4



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



#9

Acenaphthylene

Concen: 0.33 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BM003218.D

Acq: 20 Nov 2015 11:58

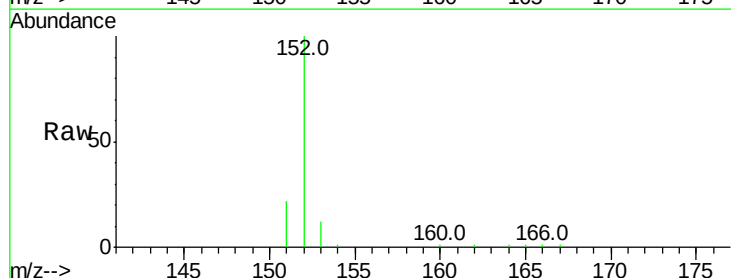
Tgt Ion:152 Resp: 32420

Ion Ratio Lower Upper

152 100

151 22.3 17.6 26.4

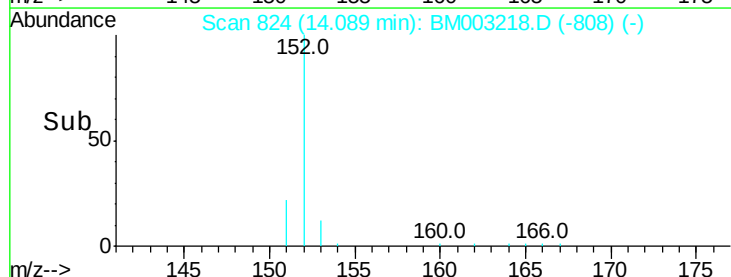
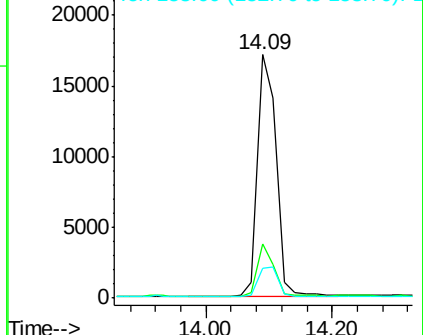
153 12.3 9.7 14.5

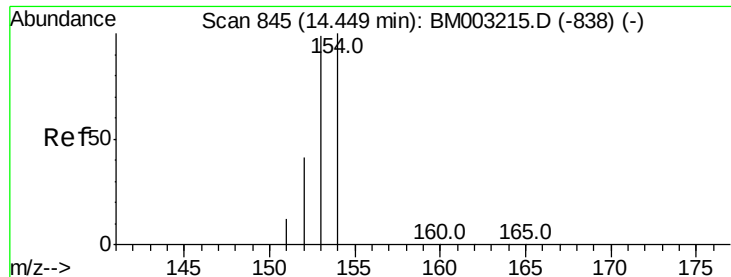


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.36 ng/ul

RT: 14.45 min Scan# 845

Delta R.T. 0.00 min

Lab File: BM003218.D

Acq: 20 Nov 2015 11:58

Instrument :

BNA_M

ClientSampleId :

D9KK2

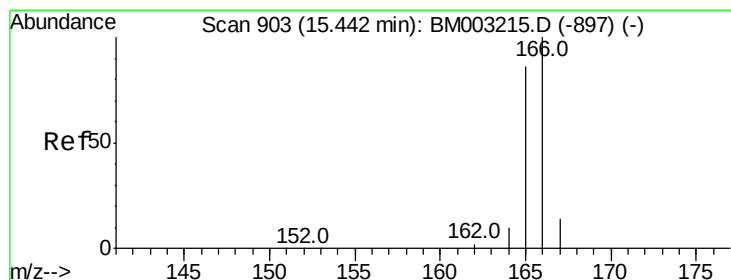
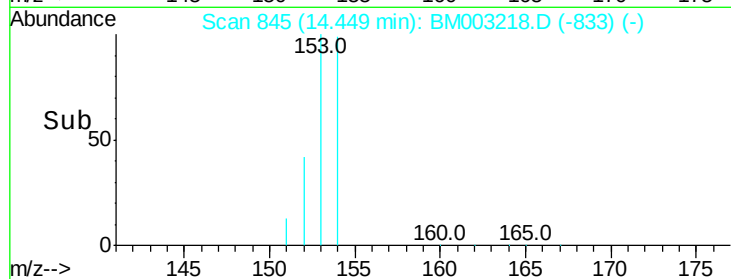
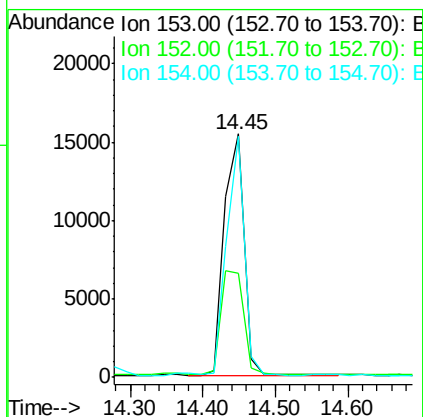
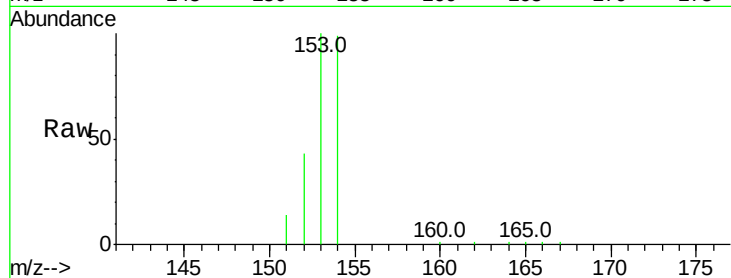
Tot Ion:153 Resp: 29284

Ion Ratio Lower Upper

153 100

152 42.7 33.9 50.9

154 99.0 80.6 121.0



#11

Fluorene

Concen: 0.34 ng/ul

RT: 15.44 min Scan# 903

Delta R.T. 0.00 min

Lab File: BM003218.D

Acq: 20 Nov 2015 11:58

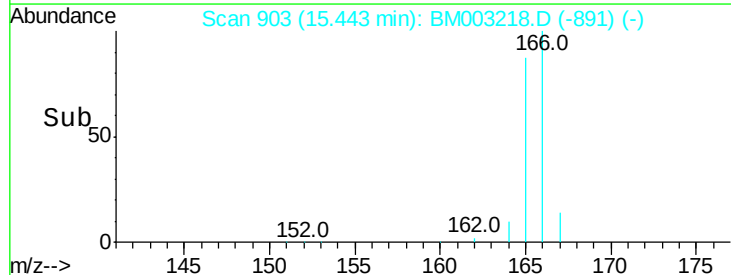
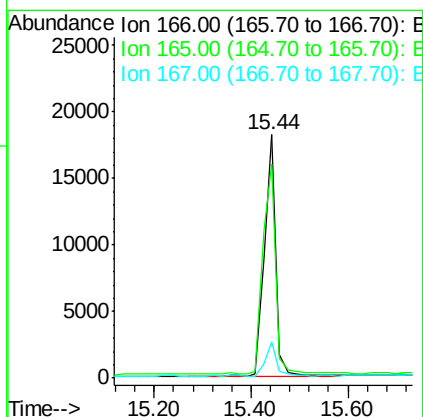
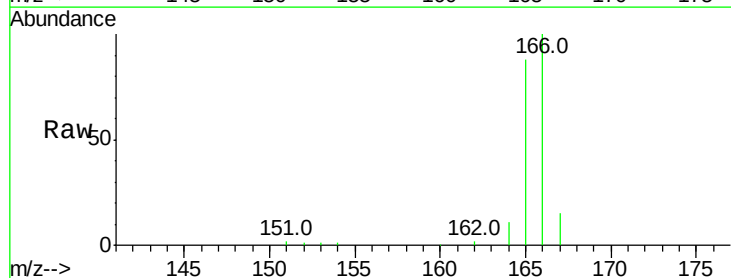
Tgt Ion:166 Resp: 30525

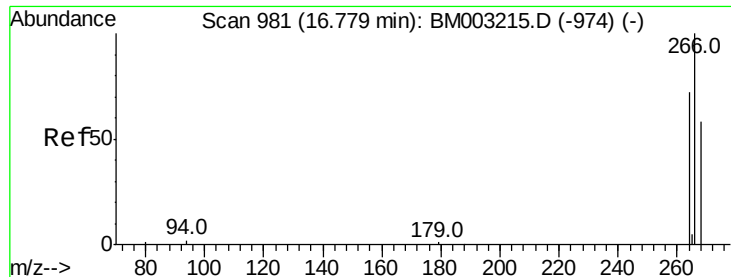
Ion Ratio Lower Upper

166 100

165 87.7 69.6 104.4

167 14.9 11.9 17.9

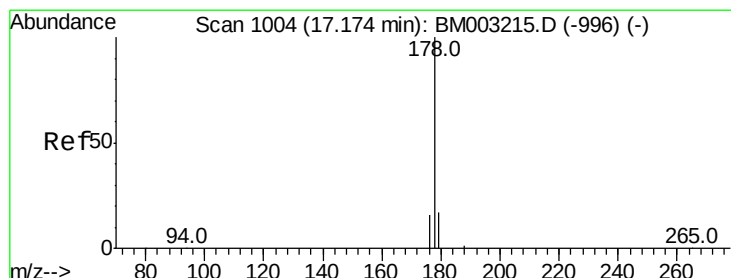
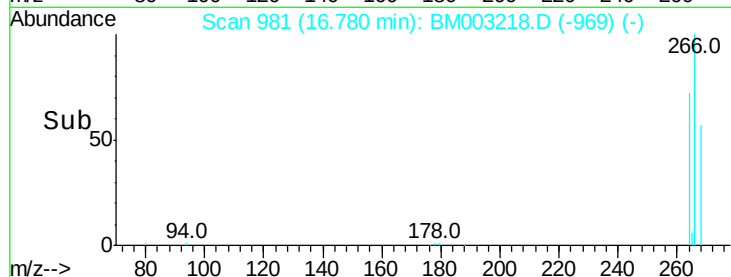
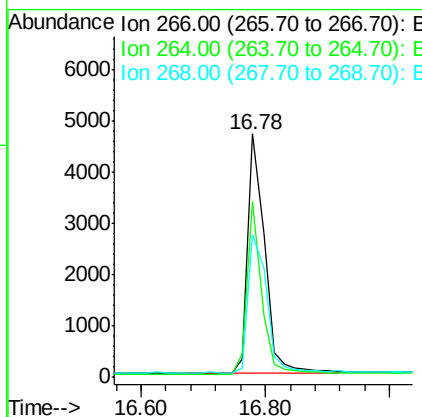
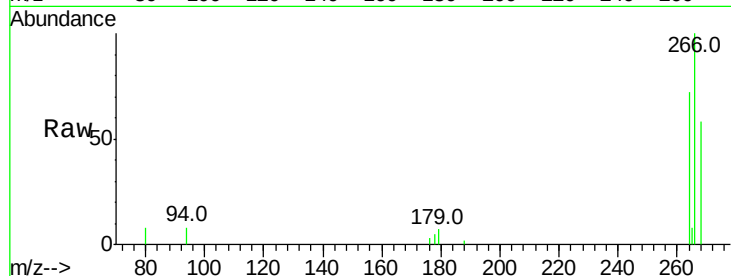




#13
 Pentachlorophenol
 Concen: 0.74 ng/ul
 RT: 16.78 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BM003218.D
 Acq: 20 Nov 2015 11:58

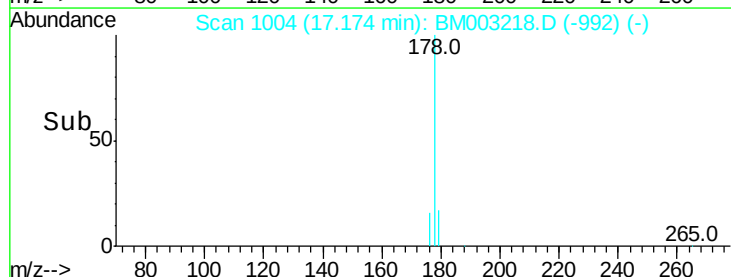
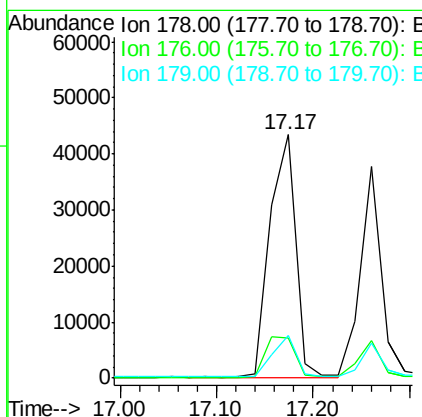
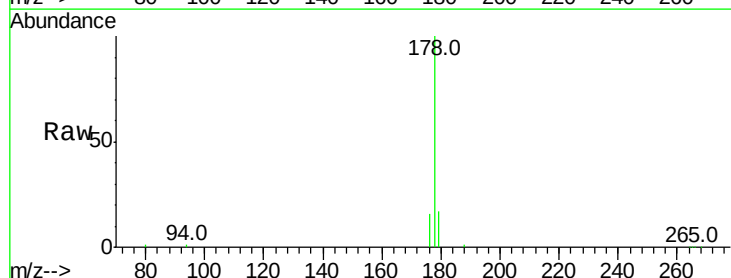
Instrument :
 BNA_M
 ClientSampleId :
 D9KK2

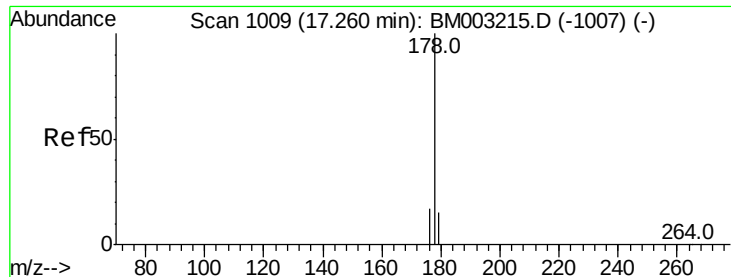
Tot Ion:266 Resp: 8941
 Ion Ratio Lower Upper
 266 100
 264 63.4 51.8 77.8
 268 63.0 46.8 70.2



#14
 Phenanthrene
 Concen: 0.54 ng/ul
 RT: 17.17 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BM003218.D
 Acq: 20 Nov 2015 11:58

Tgt Ion:178 Resp: 79969
 Ion Ratio Lower Upper
 178 100
 176 16.4 13.0 19.4
 179 17.4 14.2 21.2





#15

Anthracene

Concen: 0.46 ng/ul

RT: 17.26 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BM003218.D

Acq: 20 Nov 2015 11:58

Instrument :

BNA_M

ClientSampleId :

D9KK2

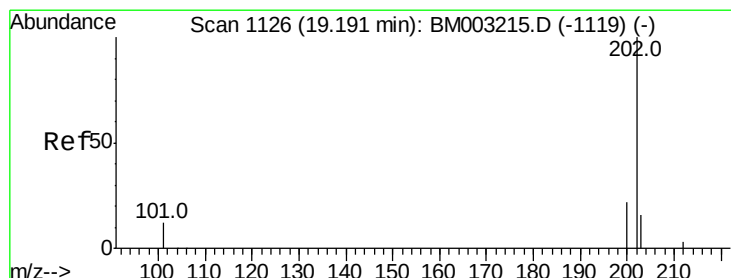
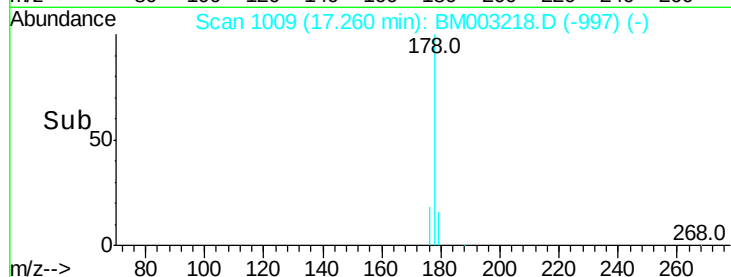
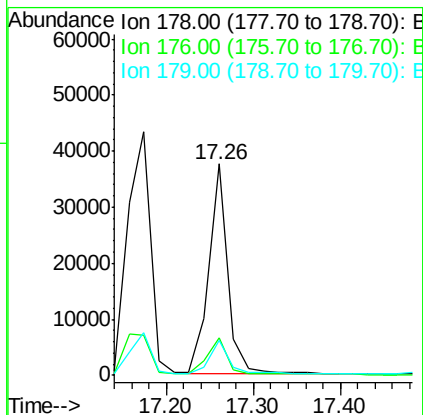
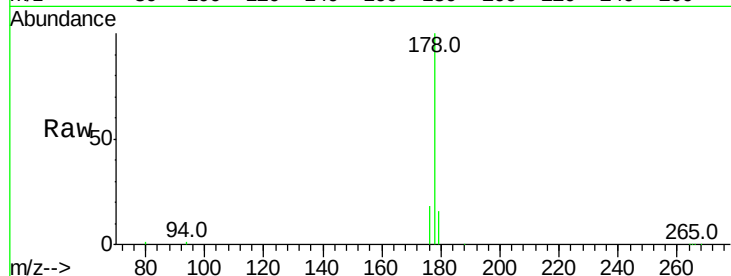
Tot Ion:178 Resp: 56797

Ion Ratio Lower Upper

178 100

176 17.8 14.0 21.0

179 16.3 12.9 19.3



#17

Fluoranthene

Concen: 0.55 ng/ul

RT: 19.19 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BM003218.D

Acq: 20 Nov 2015 11:58

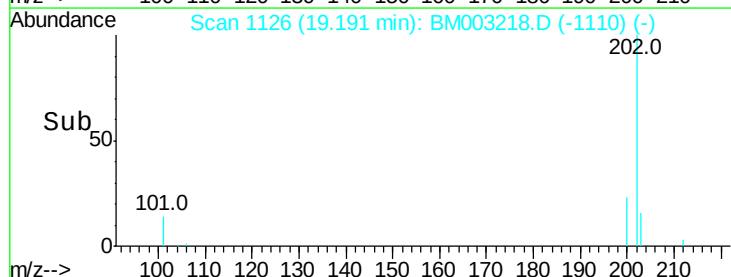
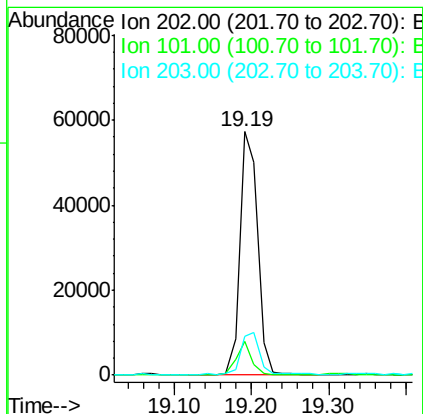
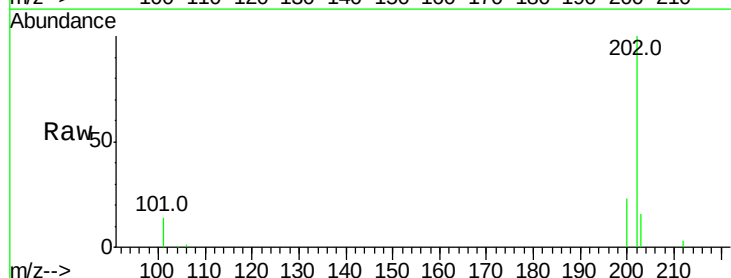
Tgt Ion:202 Resp: 90584

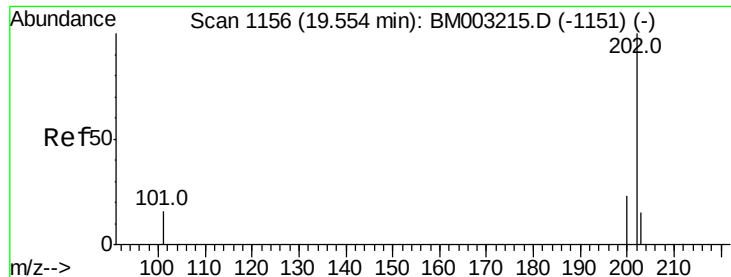
Ion Ratio Lower Upper

202 100

101 14.0 0.0 29.6

203 15.9 0.0 36.3





#19

Pvrene

Concen: 0.70 ng/ul

RT: 19.57 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BM003218.D

Acq: 20 Nov 2015 11:58

Instrument :

BNA_M

ClientSampleId :

D9KK2

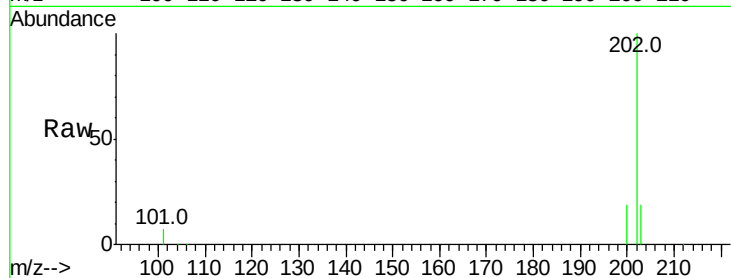
Tot Ion:202 Resp: 121459

Ion Ratio Lower Upper

202 100

200 18.5 17.8 26.8

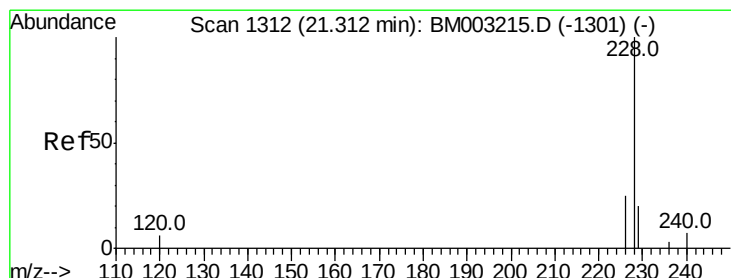
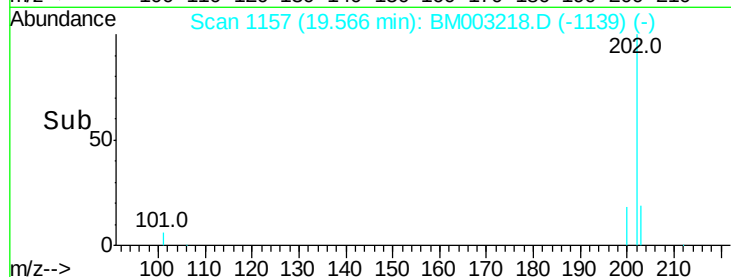
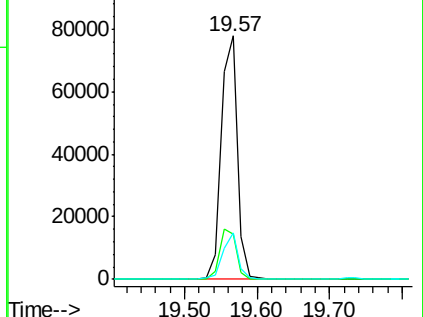
203 19.3 12.8 19.2#



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: 0.58 ng/ul

RT: 21.31 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BM003218.D

Acq: 20 Nov 2015 11:58

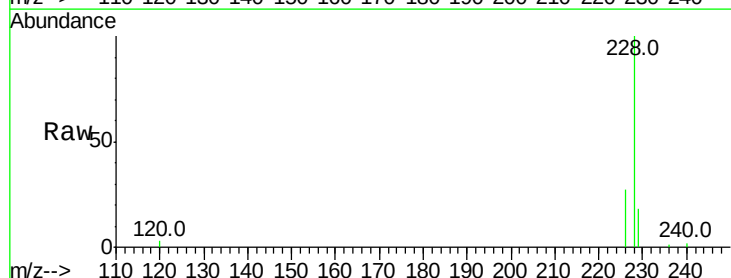
Tgt Ion:228 Resp: 85019

Ion Ratio Lower Upper

228 100

226 27.2 18.8 28.2

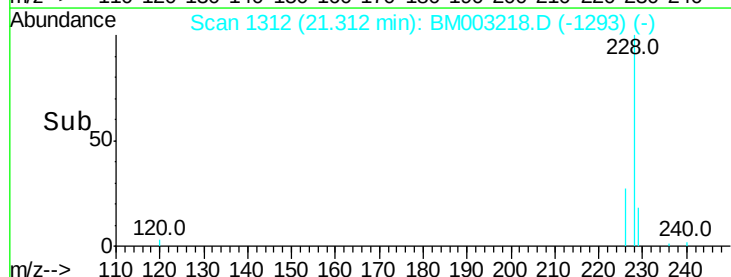
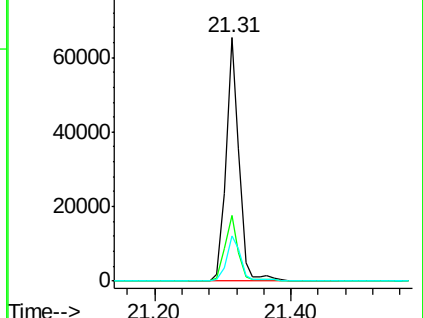
229 18.5 17.1 25.7

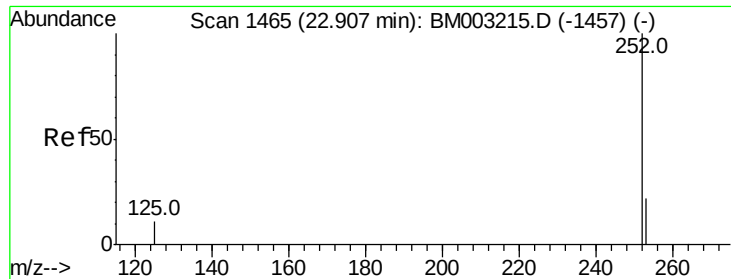


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 0.47 ng/ul

RT: 22.91 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BM003218.D

Acq: 20 Nov 2015 11:58

Instrument :

BNA_M

ClientSampleId :

D9KK2

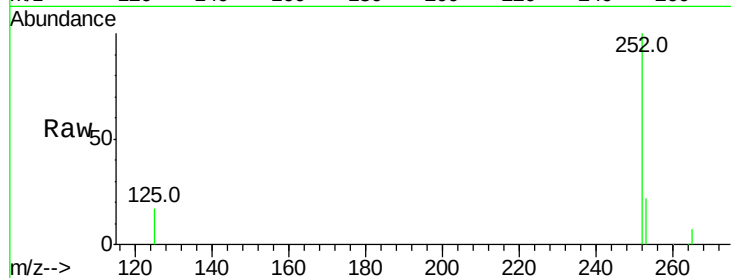
Tot Ion:252 Resp: 84255

Ion Ratio Lower Upper

252 100

253 22.4 0.0 45.4

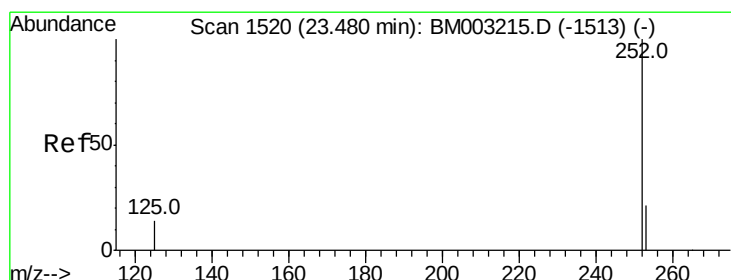
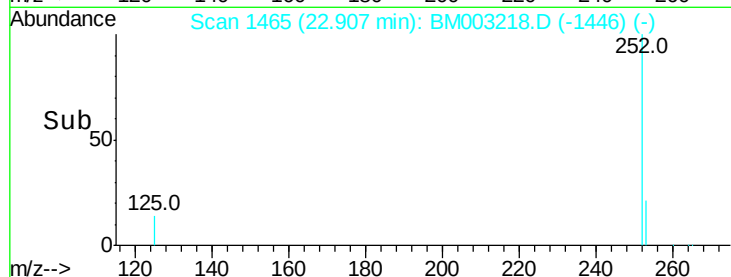
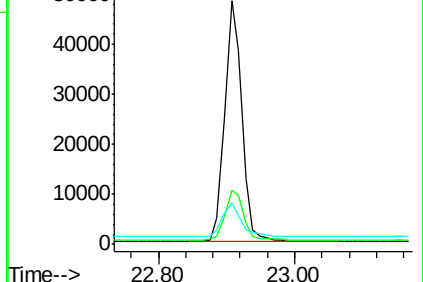
125 16.7 0.0 28.8



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



#25

Benzo(a)pyrene

Concen: 0.18 ng/ul

RT: 23.49 min Scan# 1521

Delta R.T. 0.01 min

Lab File: BM003218.D

Acq: 20 Nov 2015 11:58

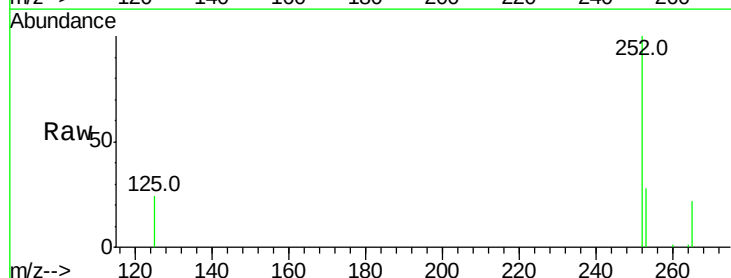
Tgt Ion:252 Resp: 28096

Ion Ratio Lower Upper

252 100

253 27.7 19.4 29.2

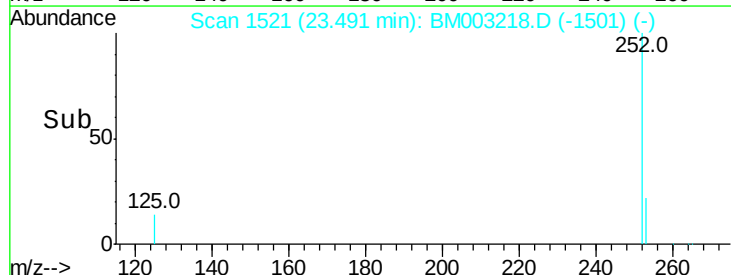
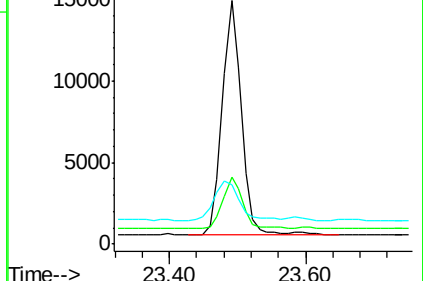
125 24.2 12.7 19.1#

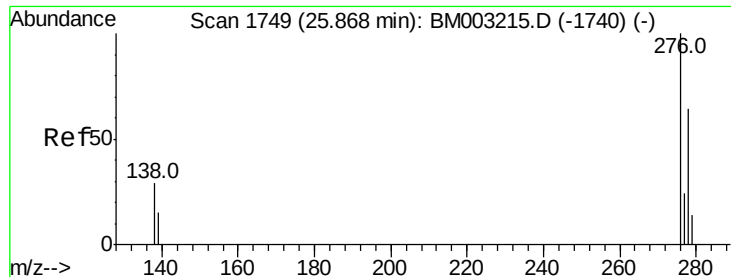


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

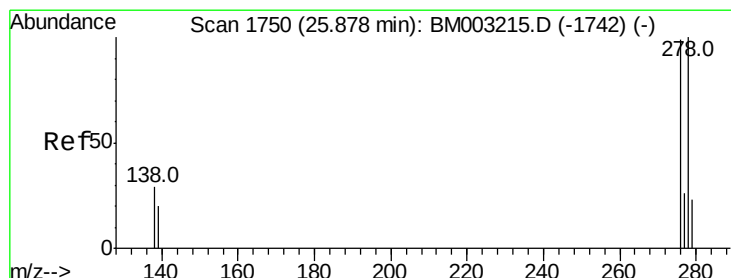
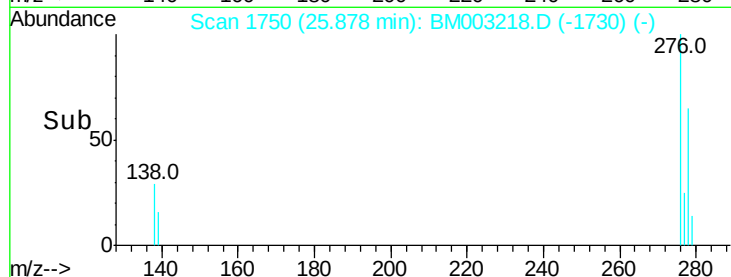
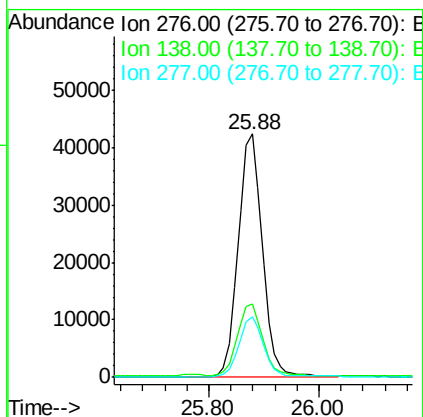
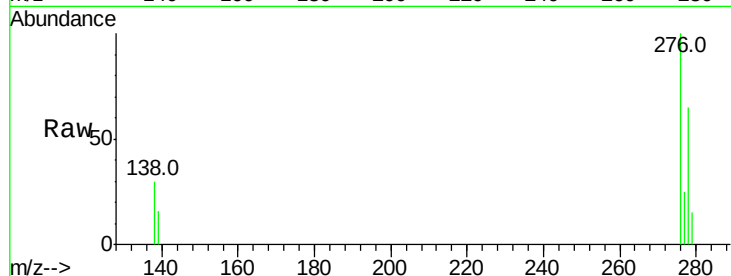




#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.68 ng/ul
 RT: 25.88 min Scan# 1750
 Delta R.T. 0.01 min
 Lab File: BM003218.D
 Acq: 20 Nov 2015 11:58

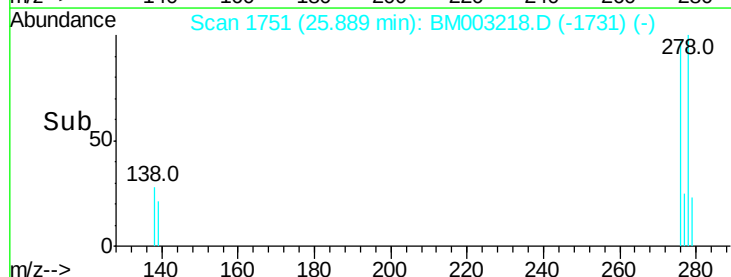
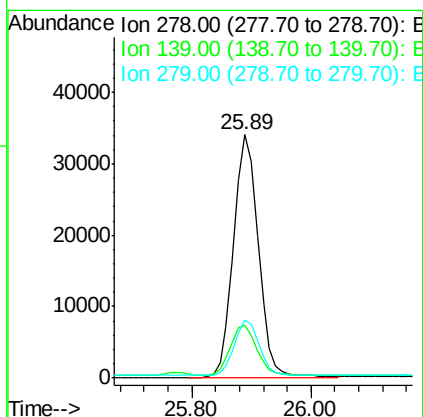
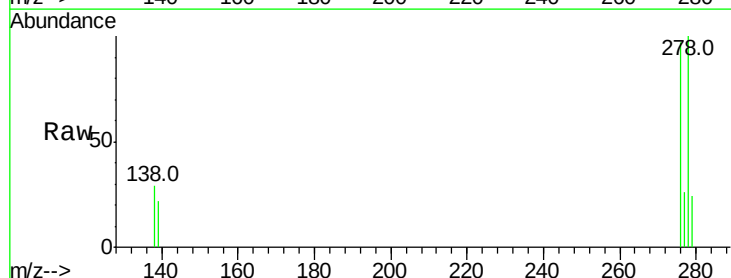
Instrument :
 BNA_M
 ClientSampleId :
 D9KK2

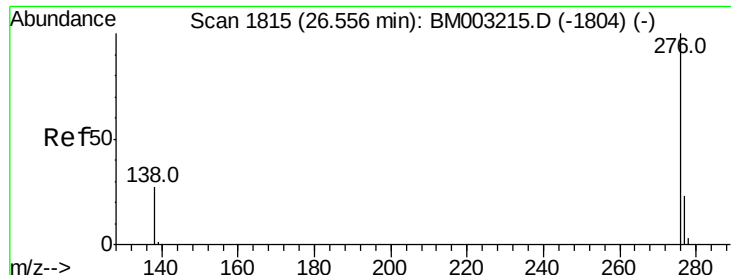
Tot Ion:276 Resp: 128883
 Ion Ratio Lower Upper
 276 100
 138 30.1 16.3 24.5#
 277 24.6 19.8 29.8



#27
 Dibenzo(a,h)anthracene
 Concen: 0.64 ng/ul
 RT: 25.89 min Scan# 1751
 Delta R.T. 0.01 min
 Lab File: BM003218.D
 Acq: 20 Nov 2015 11:58

Tgt Ion:278 Resp: 98026
 Ion Ratio Lower Upper
 278 100
 139 21.7 16.4 24.6
 279 24.0 20.2 30.2





#28

Benzo(a,h,i)perylene

Concen: 0.69 ng/ul

RT: 26.58 min Scan# 1817

Delta R.T. 0.02 min

Lab File: BM003218.D

Acq: 20 Nov 2015 11:58

Instrument :

BNA_M

ClientSampleId :

D9KK2

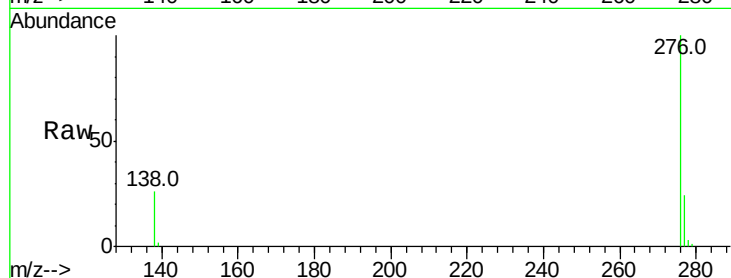
Tot Ion: 276 Resp: 115137

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 25.8 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

