

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
 Data File : BM009157.D
 Acq On : 09 Mar 2017 22:09
 Operator : SJ/MA
 Sample : I2062-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7

Quant Time: Mar 10 03:17:32 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 10 03:16:46 2017
 Response via : Initial Calibration

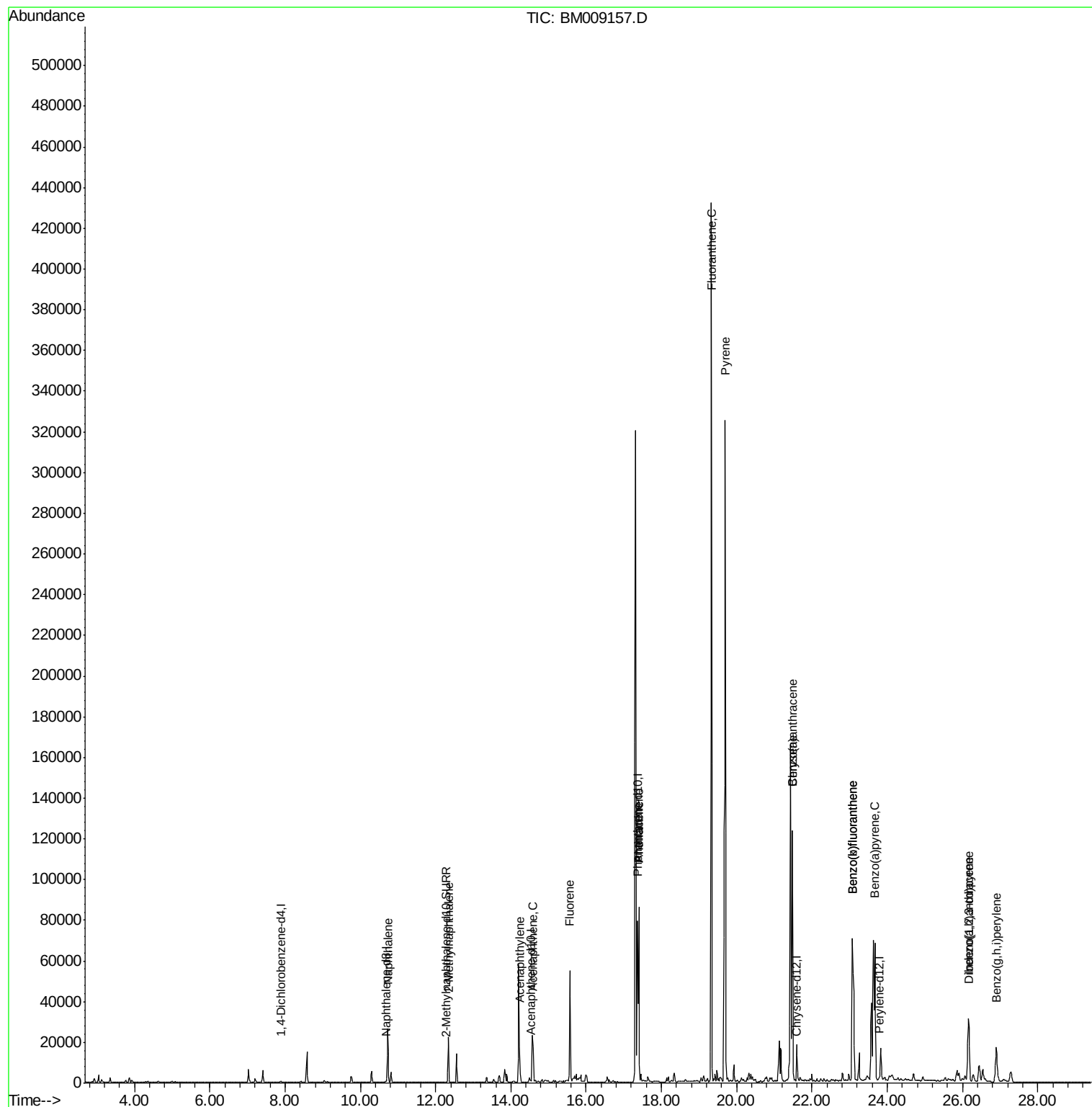
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	273	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	876	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	643	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.36	188	90253	0.40	ng/ul	0.10
16) Chrysene-d12	21.57	240	59	0.40	ng/ul	0.13
20) Perylene-d12	23.78	264	1307	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	425	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	1389	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.73	128	34959	13.84	ng/ul#	93
5) 2-Methylnaphthalene	12.34	142	13998	7.71	ng/ul	100
7) Acenaphthylene	14.23	152	7340	2.19	ng/ul	96
8) Acenaphthene	14.57	153	17013	6.62	ng/ul	88
9) Fluorene	15.56	166	45539	15.16	ng/ul#	80
12) Phenanthrene	17.40	178	92281	0.33	ng/ul#	93
13) Anthracene	17.40	178	93589	0.33	ng/ul#	92
15) Fluoranthene	19.33	202	392443	1.06	ng/ul	92
17) Pyrene	19.69	202	295934	1458.38	ng/ul	96
18) Benzo(a)anthracene	21.48	228	117182	597.75	ng/ul	97
19) Chrysene	21.48	228	117182	630.14	ng/ul	97
21) Benzo(b)fluoranthene	23.08	252	185275	36.08	ng/ul	81
22) Benzo(k)fluoranthene	23.08	252	185275	40.81	ng/ul#	82
23) Benzo(a)pyrene	23.68	252	97293	21.06	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	26.16	276	52122	8.87	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.17	278	14774	2.99	ng/ul#	86
26) Benzo(a,h,i)perylene	26.90	276	39821	7.95	ng/ul#	85

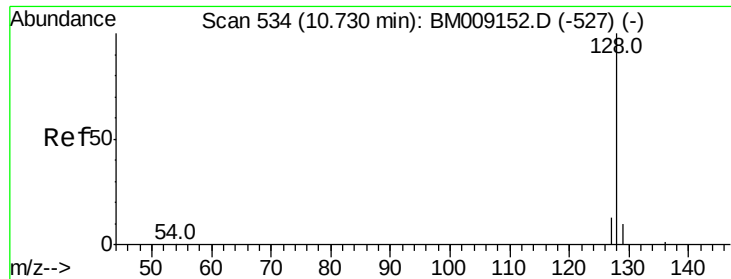
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 13.84 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. -0.00 min

Lab File: BM009157.D

Acq: 09 Mar 2017 22:09

Instrument :

BNA_M

ClientSampleId :

C0AC7

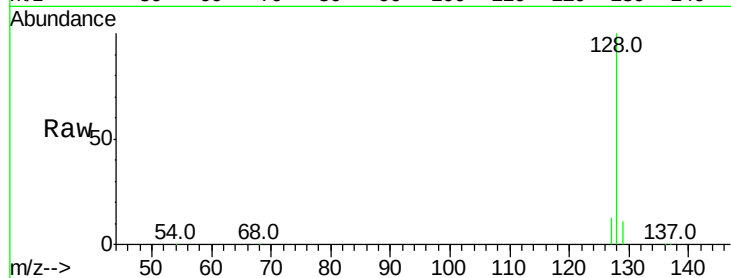
Tot Ion:128 Resp: 34959

Ion Ratio Lower Upper

128 100

129 11.1 11.3 16.9#

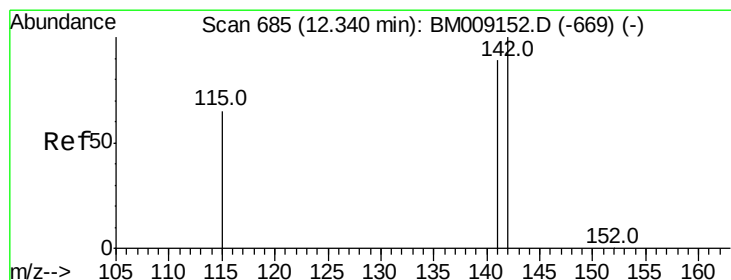
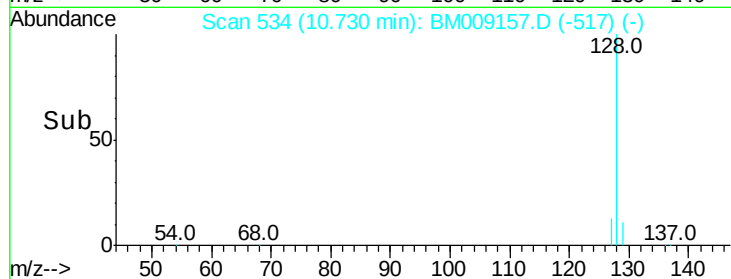
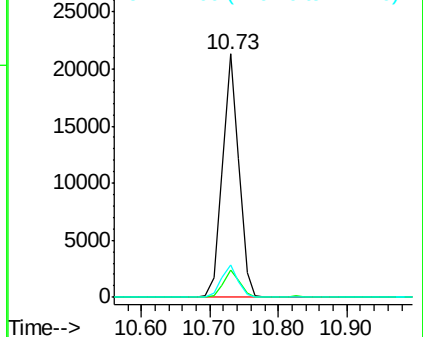
127 13.5 12.8 19.2



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



#5

2-Methylnaphthalene

Concen: 7.71 ng/ul

RT: 12.34 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM009157.D

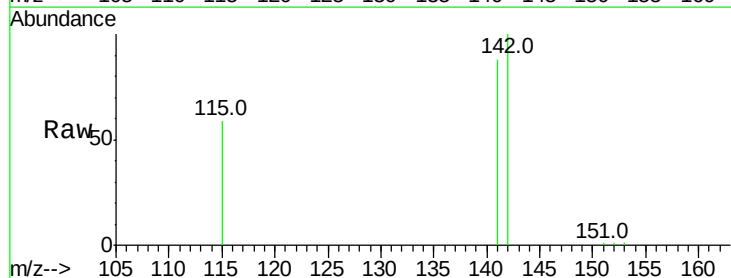
Acq: 09 Mar 2017 22:09

Tgt Ion:142 Resp: 13998

Ion Ratio Lower Upper

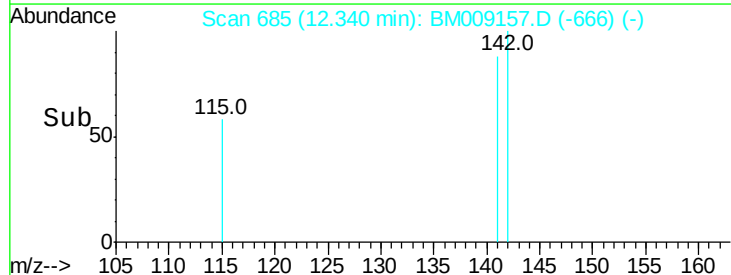
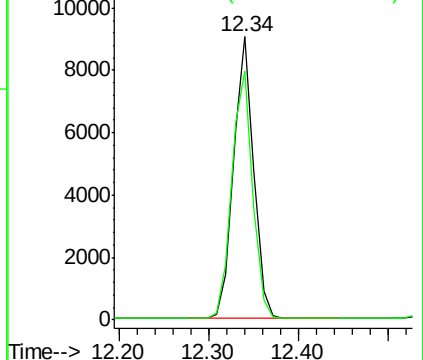
142 100

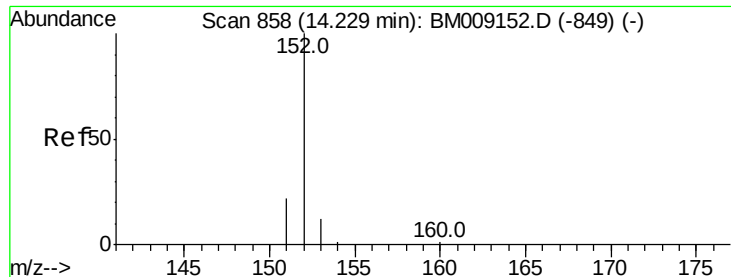
141 90.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 2.19 ng/ul

RT: 14.23 min Scan# 858

Delta R.T. -0.00 min

Lab File: BM009157.D

Acq: 09 Mar 2017 22:09

Instrument :

BNA_M

ClientSampleId :

C0AC7

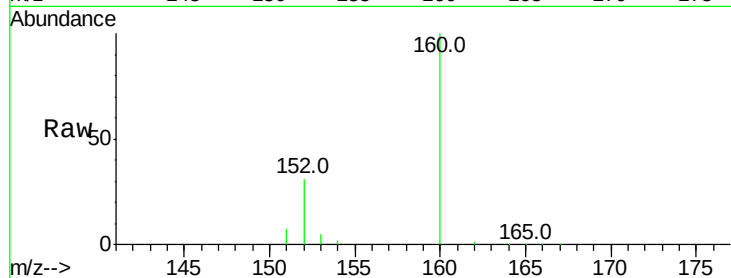
Tot Ion:152 Resp: 7340

Ion Ratio Lower Upper

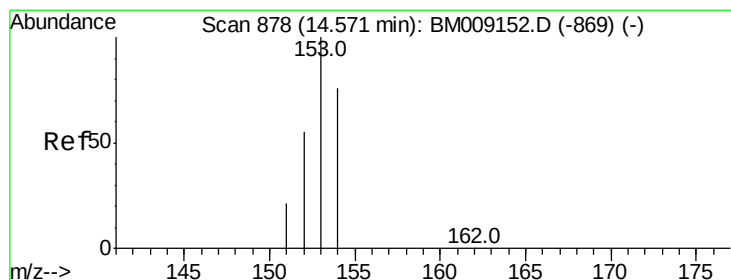
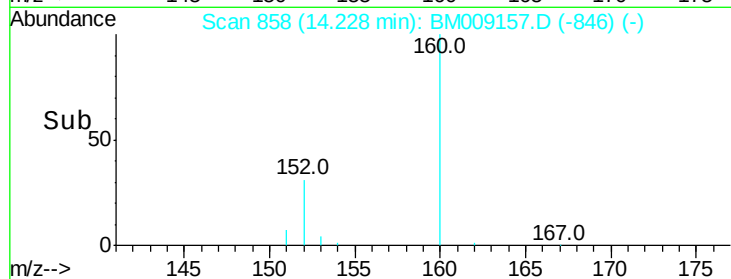
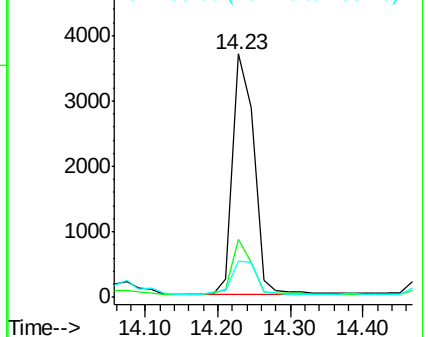
152 100

151 23.9 17.1 25.7

153 15.0 12.8 19.2



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



#8

Acenaphthene

Concen: 6.62 ng/ul

RT: 14.57 min Scan# 878

Delta R.T. -0.00 min

Lab File: BM009157.D

Acq: 09 Mar 2017 22:09

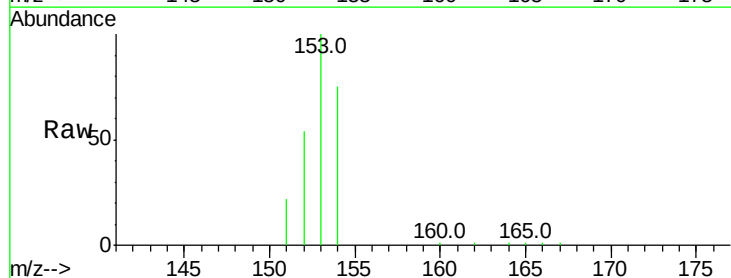
Tgt Ion:153 Resp: 17013

Ion Ratio Lower Upper

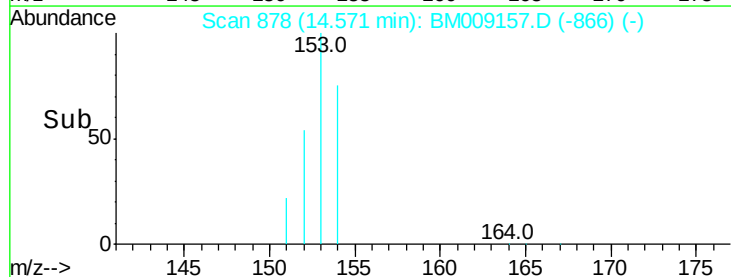
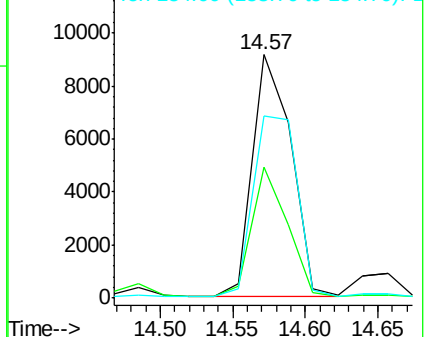
153 100

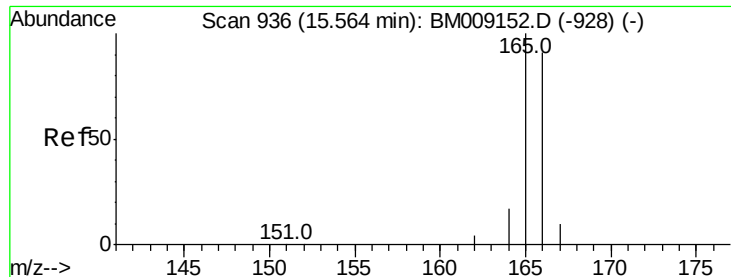
152 53.9 40.3 60.5

154 74.9 71.4 107.2



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





#9

Fluorene

Concen: 15.16 ng/ul

RT: 15.56 min Scan# 936

Delta R.T. -0.00 min

Lab File: BM009157.D

Acq: 09 Mar 2017 22:09

Instrument :

BNA_M

ClientSampleId :

C0AC7

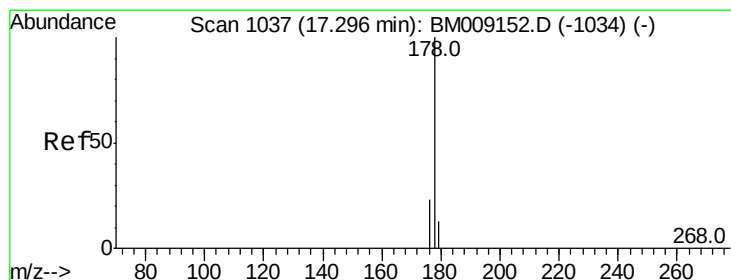
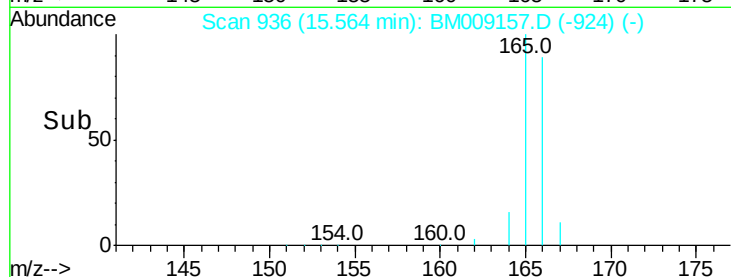
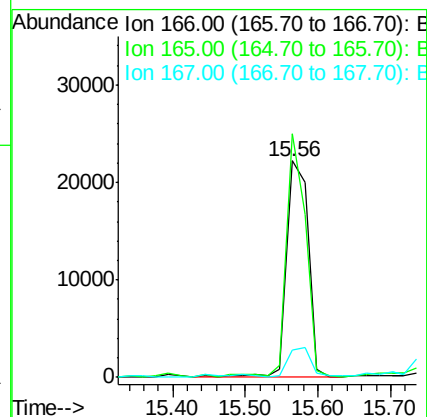
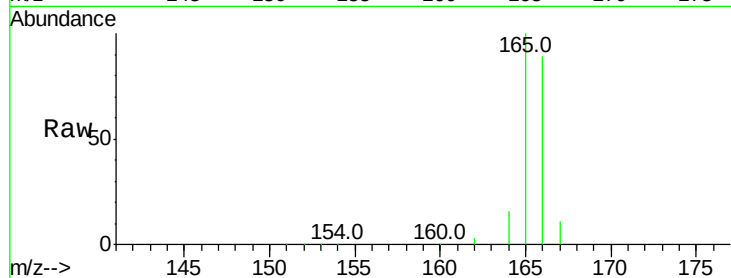
Tot Ion:166 Resp: 45539

Ion Ratio Lower Upper

166 100

165 112.7 73.4 110.2#

167 12.6 14.6 22.0#



#12

Phenanthrene

Concen: 0.33 ng/ul

RT: 17.40 min Scan# 1043

Delta R.T. 0.10 min

Lab File: BM009157.D

Acq: 09 Mar 2017 22:09

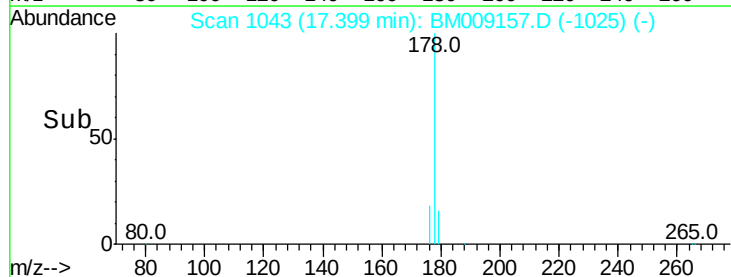
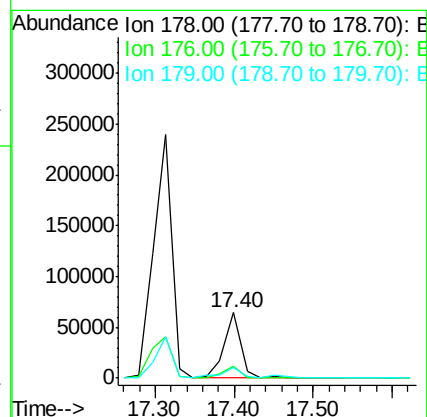
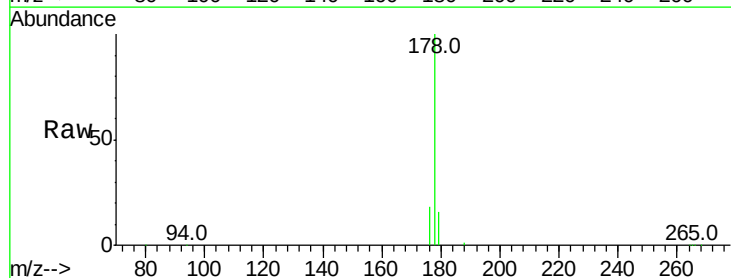
Tgt Ion:178 Resp: 92281

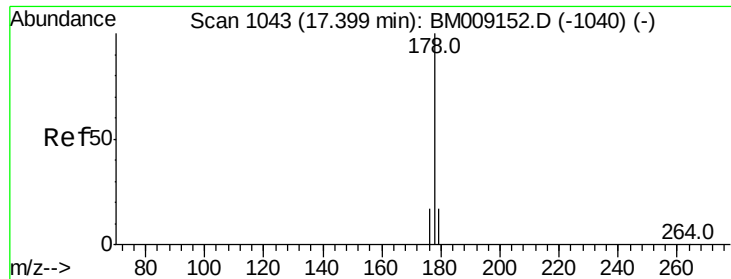
Ion Ratio Lower Upper

178 100

176 17.9 18.4 27.6#

179 15.7 13.6 20.4





#13

Anthracene

Concen: 0.33 ng/ul

RT: 17.40 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BM009157.D

Acq: 09 Mar 2017 22:09

Instrument :

BNA_M

ClientSampleId :

C0AC7

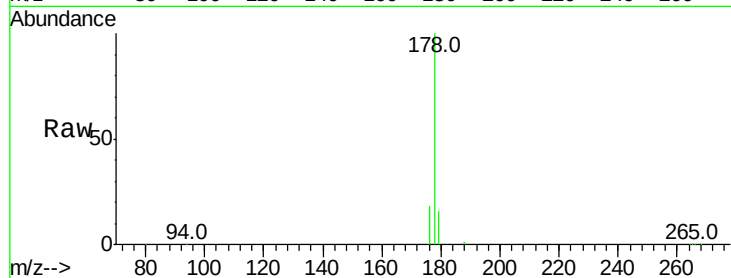
Tot Ion:178 Resp: 93589

Ion Ratio Lower Upper

178 100

176 17.9 18.1 27.1#

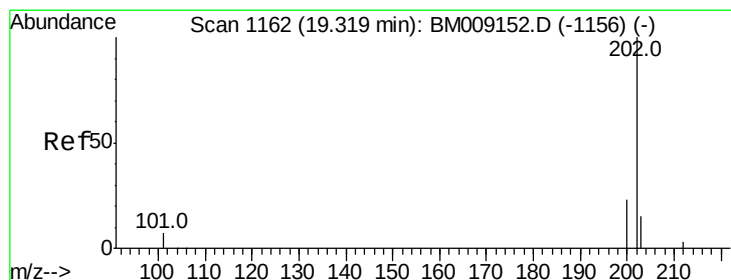
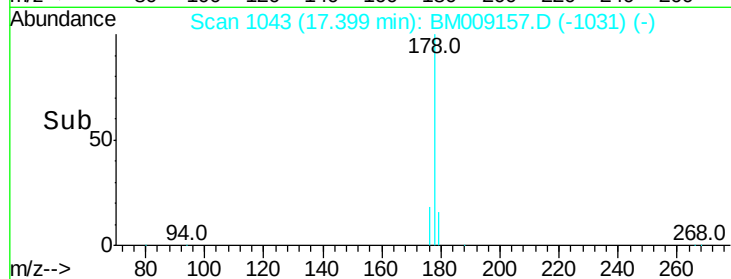
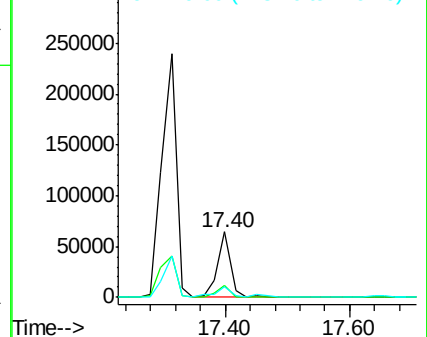
179 15.7 14.7 22.1



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

Fluoranthene

Concen: 1.06 ng/ul

RT: 19.33 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BM009157.D

Acq: 09 Mar 2017 22:09

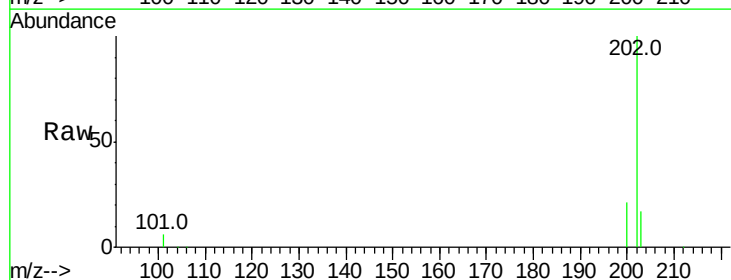
Tgt Ion:202 Resp: 392443

Ion Ratio Lower Upper

202 100

101 5.5 0.0 30.3

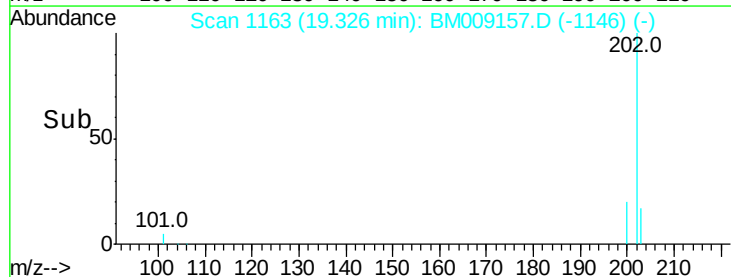
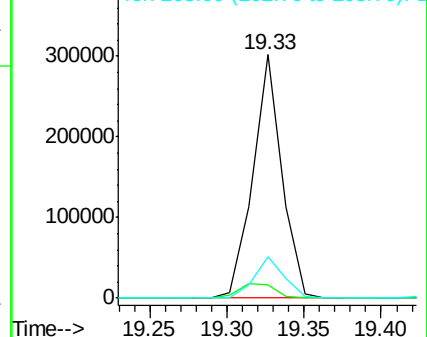
203 17.0 0.0 39.5

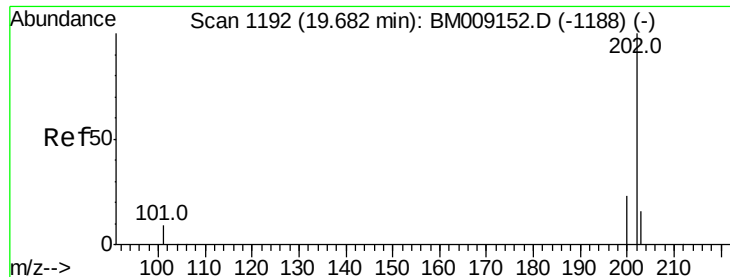


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#17

Pvrene

Concen: 1458.38 ng/ul

RT: 19.69 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BM009157.D

Acq: 09 Mar 2017 22:09

Instrument :

BNA_M

ClientSampleId :

C0AC7

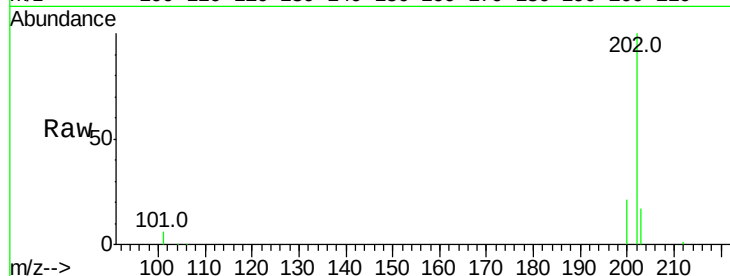
Tot Ion:202 Resp: 295934

Ion Ratio Lower Upper

202 100

200 21.1 18.2 27.4

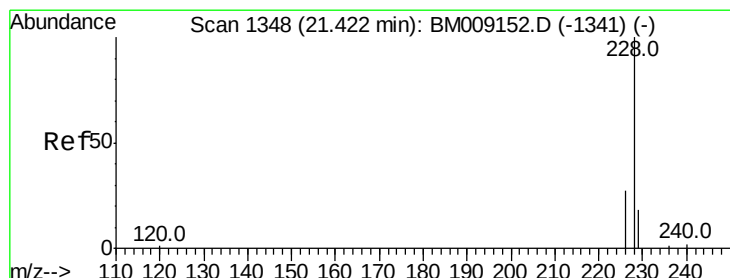
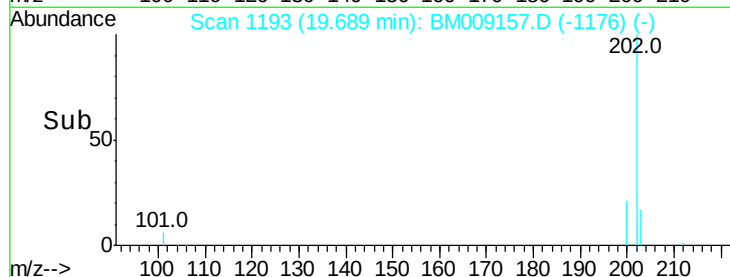
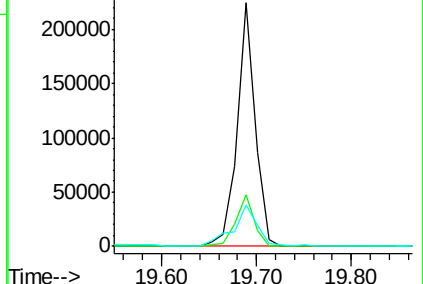
203 17.0 15.6 23.4



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



#18

Benzo(a)anthracene

Concen: 597.75 ng/ul

RT: 21.48 min Scan# 1354

Delta R.T. 0.06 min

Lab File: BM009157.D

Acq: 09 Mar 2017 22:09

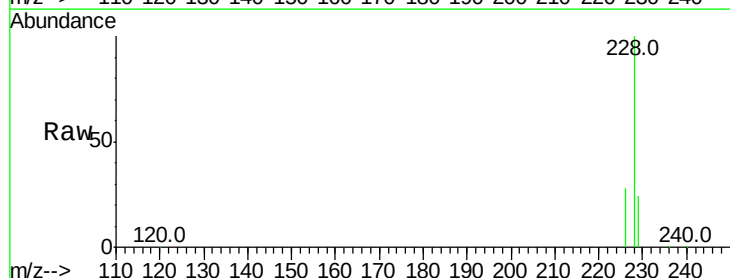
Tgt Ion:228 Resp: 117182

Ion Ratio Lower Upper

228 100

226 27.9 22.8 34.2

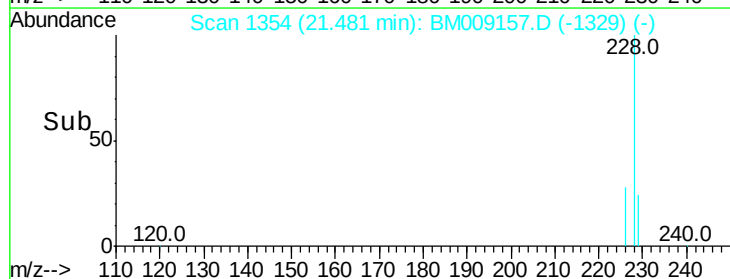
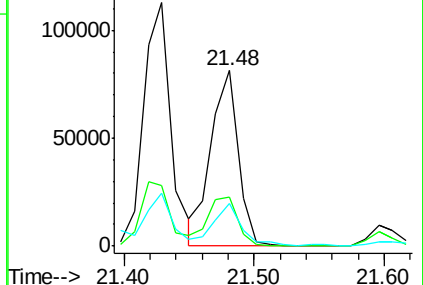
229 24.4 17.0 25.6

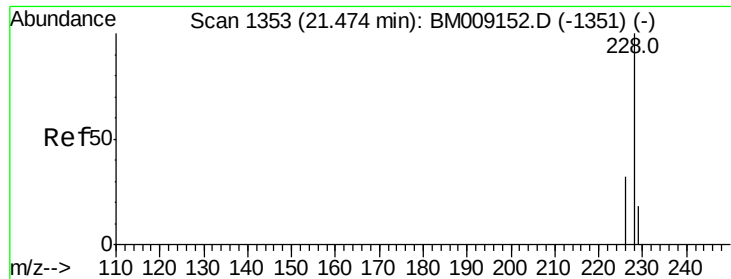


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 630.14 ng/ul

RT: 21.48 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BM009157.D

Acq: 09 Mar 2017 22:09

Instrument :

BNA_M

ClientSampleId :

C0AC7

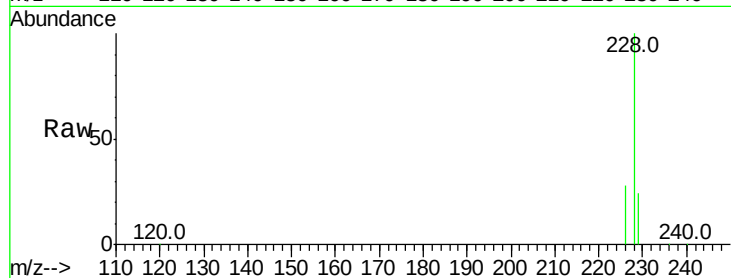
Tot Ion:228 Resp: 117182

Ion Ratio Lower Upper

228 100

226 27.9 23.4 35.0

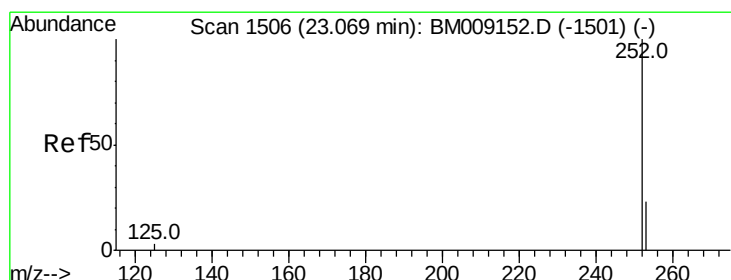
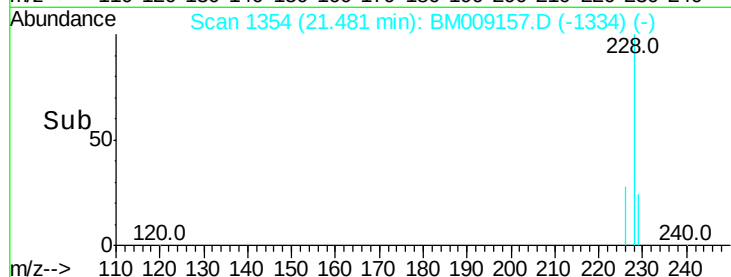
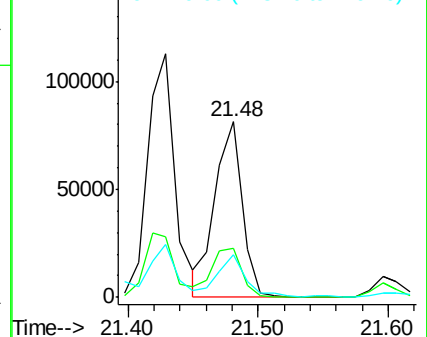
229 24.4 17.7 26.5



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

Benzo(b)fluoranthene

Concen: 36.08 ng/ul

RT: 23.08 min Scan# 1507

Delta R.T. 0.01 min

Lab File: BM009157.D

Acq: 09 Mar 2017 22:09

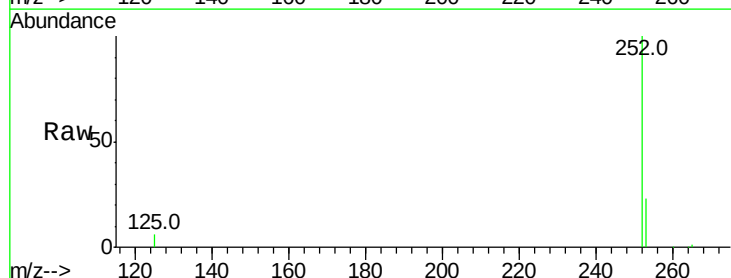
Tgt Ion:252 Resp: 185275

Ion Ratio Lower Upper

252 100

253 23.0 0.0 64.2

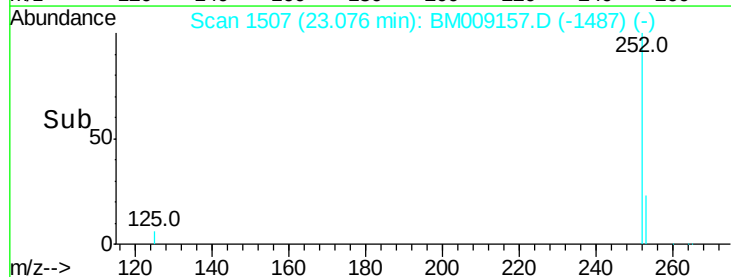
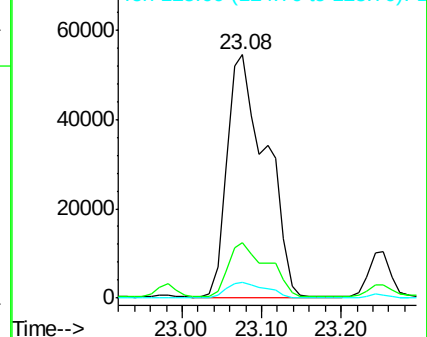
125 6.4 0.0 35.0

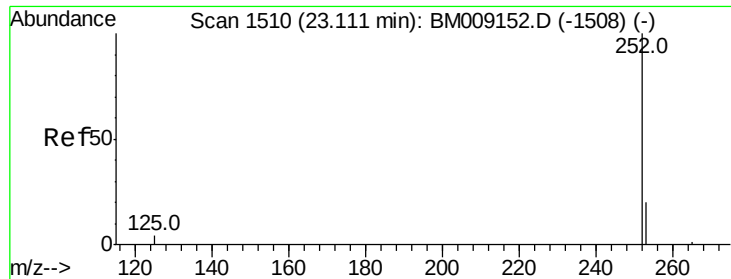


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

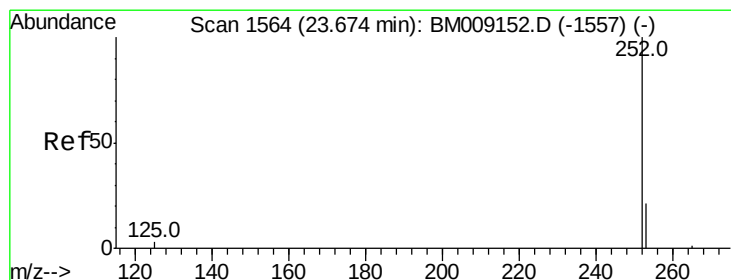
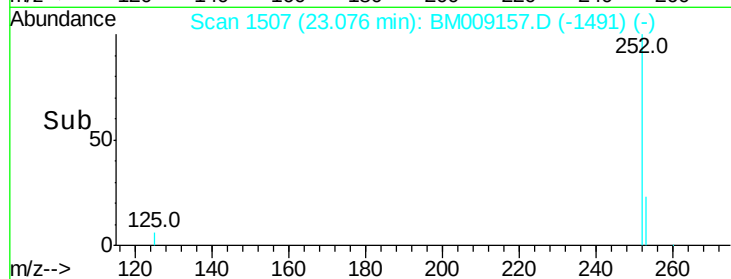
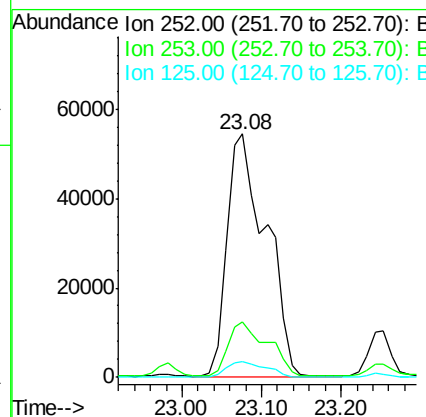
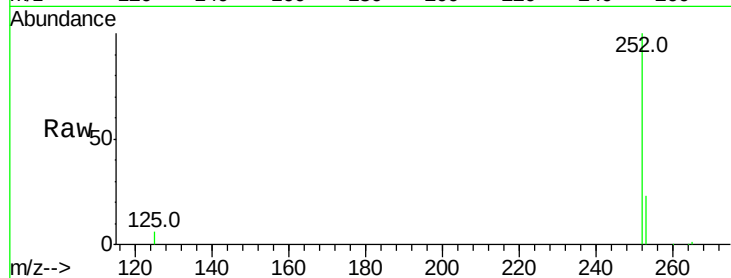




#22
Benzo(k)fluoranthene
Concen: 40.81 ng/ul
RT: 23.08 min Scan# 1507
Delta R.T. -0.03 min
Lab File: BM009157.D
Acq: 09 Mar 2017 22:09

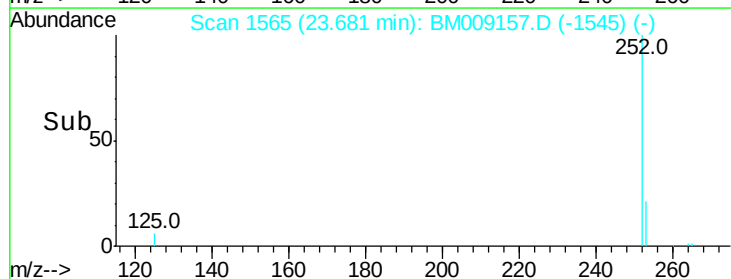
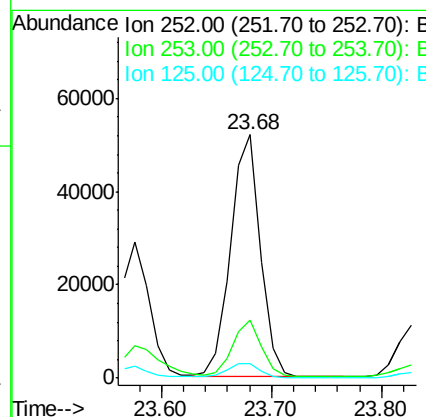
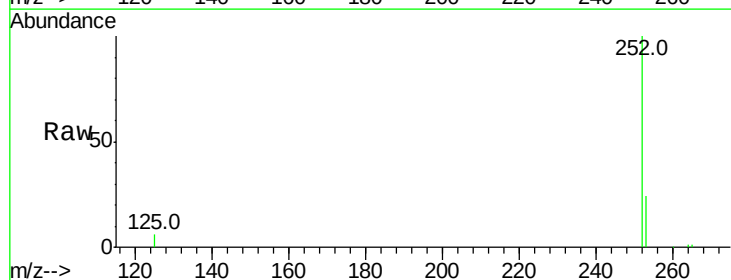
Instrument :
BNA_M
ClientSampleId :
C0AC7

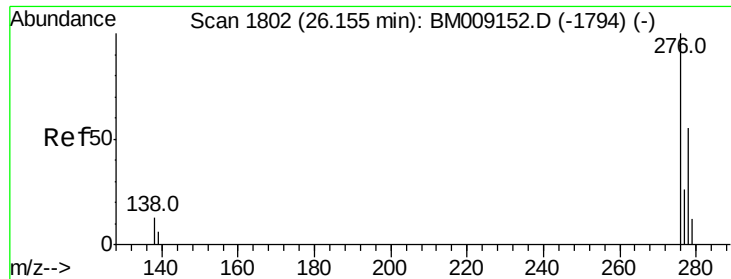
Tot Ion:252 Resp: 185275
Ion Ratio Lower Upper
252 100
253 23.0 24.5 36.7#
125 6.4 13.7 20.5#



#23
Benzo(a)pyrene
Concen: 21.06 ng/ul
RT: 23.68 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BM009157.D
Acq: 09 Mar 2017 22:09

Tgt Ion:252 Resp: 97293
Ion Ratio Lower Upper
252 100
253 23.6 28.5 42.7#
125 6.1 18.1 27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 8.87 ng/ul

RT: 26.16 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BM009157.D

Acq: 09 Mar 2017 22:09

Instrument :

BNA_M

ClientSampleId :

C0AC7

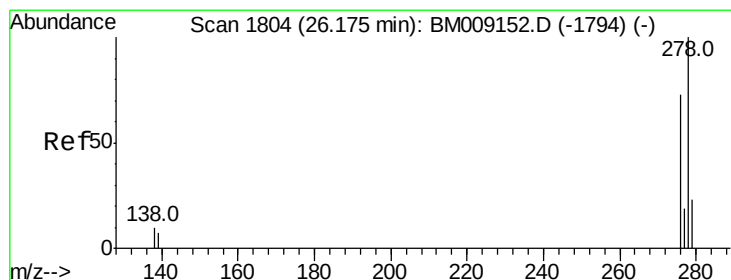
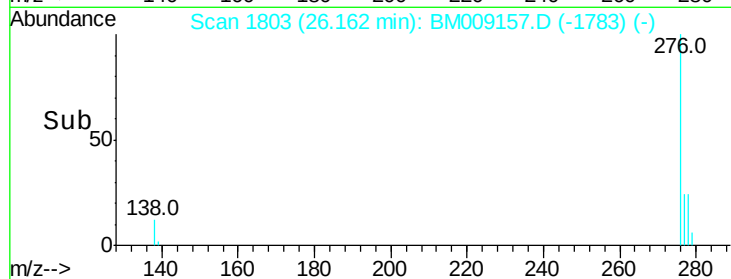
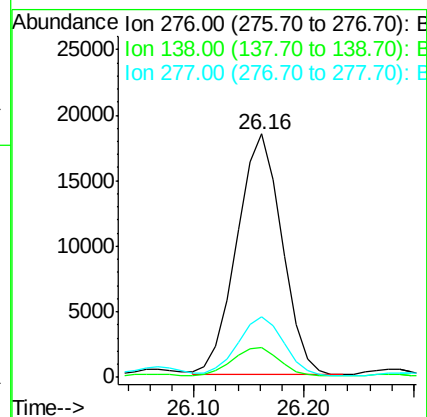
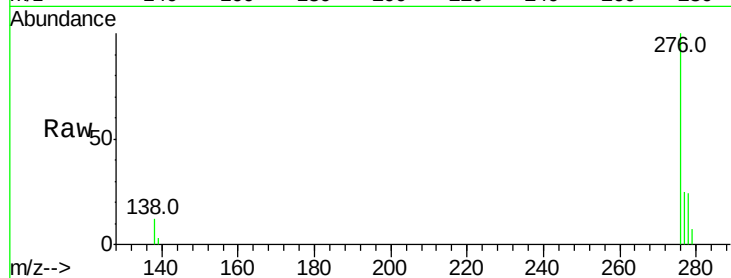
Tot Ion:276 Resp: 52122

Ion Ratio Lower Upper

276 100

138 12.1 19.1 28.7#

277 24.8 19.6 29.4



#25

Dibenzo(a,h)anthracene

Concen: 2.99 ng/ul

RT: 26.17 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BM009157.D

Acq: 09 Mar 2017 22:09

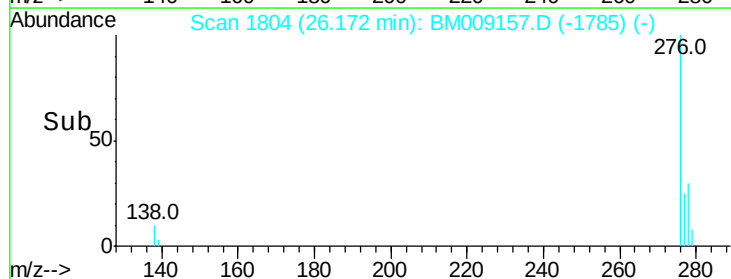
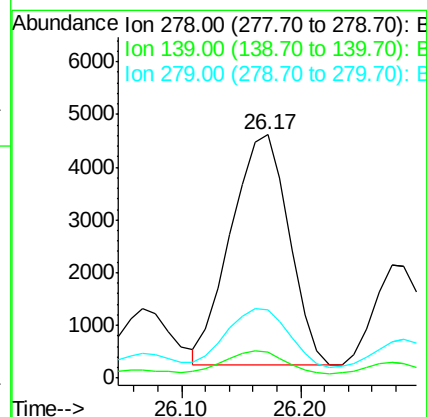
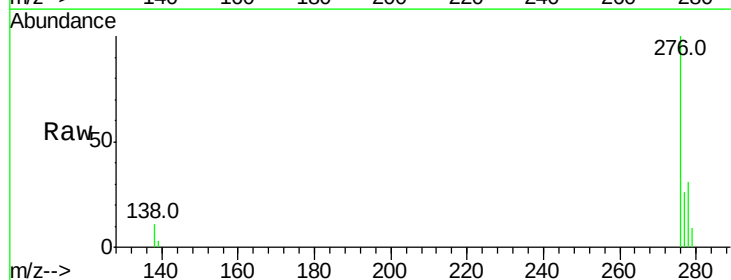
Tgt Ion:278 Resp: 14774

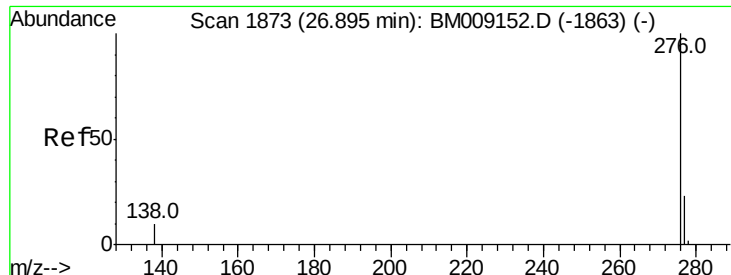
Ion Ratio Lower Upper

278 100

139 10.5 17.4 26.0#

279 28.2 25.9 38.9

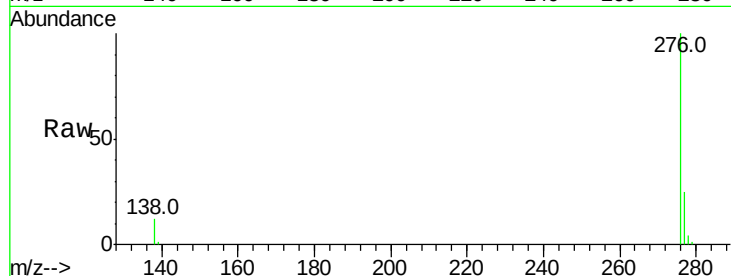




#26
 Benzo(a,h,i)perylene
 Concen: 7.95 ng/ul
 RT: 26.90 min Scan# 1874
 Delta R.T. 0.01 min
 Lab File: BM009157.D
 Acq: 09 Mar 2017 22:09

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7

Tot Ion: 276 Resp: 39821
 Ion Ratio Lower Upper
 276 100
 277 24.7 21.8 32.8
 138 12.1 20.5 30.7#



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

