

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031115\
 Data File : BM000697.D
 Acq On : 11 Mar 2015 19:55
 Operator : TP/IZ
 Sample : SST0.171
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP36

Quant Time: Mar 12 07:53:30 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 12 07:43:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3482	0.40	ng/ul	0.02
2) Naphthalene-d8	10.44	136	11670	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	3685	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	11215	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	9543	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	9160	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	1378	0.10	ng/ul	0.01
14) Fluoranthene-d10	19.09	212	2356	0.10	ng/ul	0.00

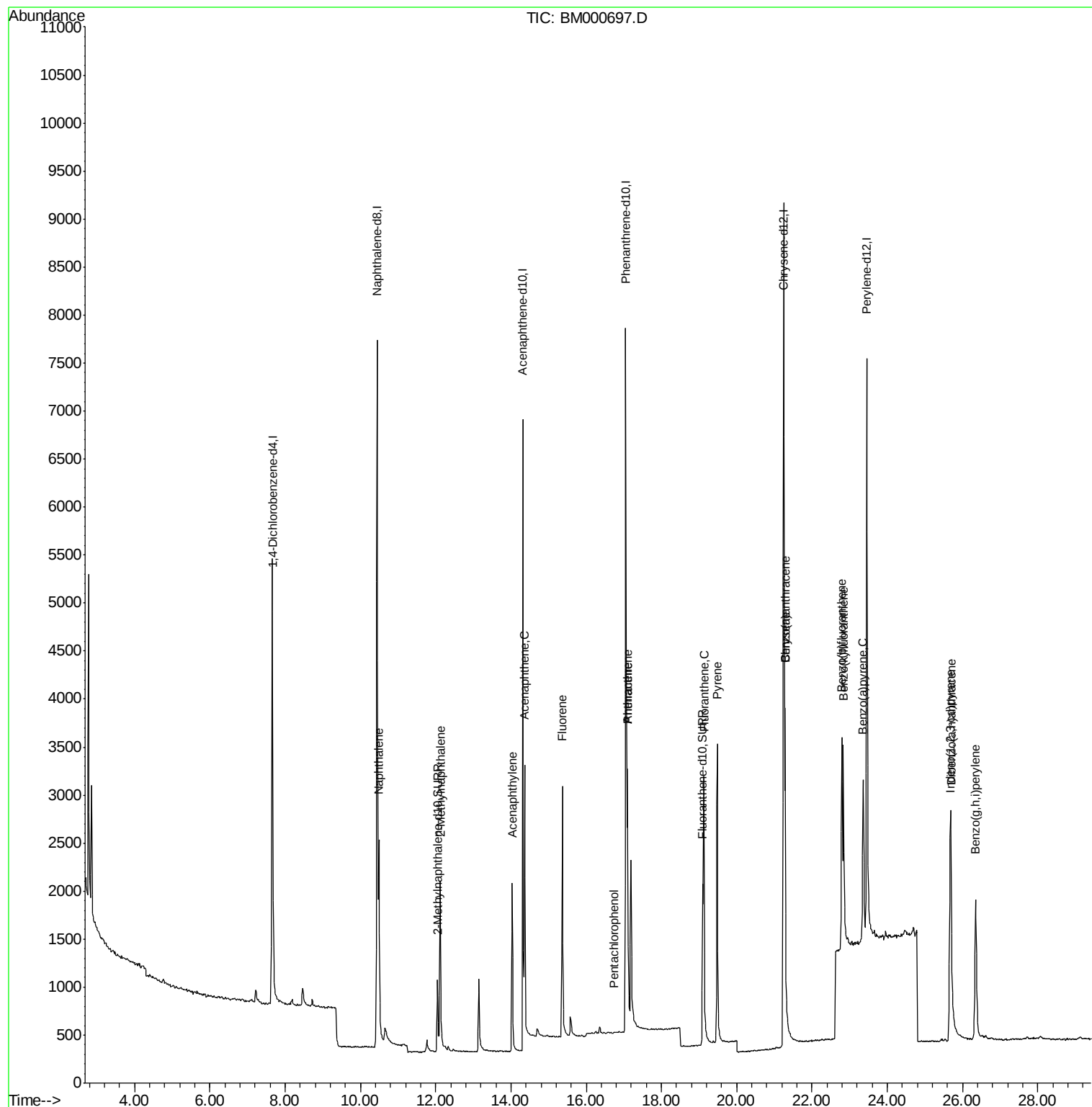
Target Compounds				Qvalue		
3) Naphthalene	10.49	128	3009	0.10	ng/ul#	94
5) 2-Methylnaphthalene	12.12	142	1853	0.10	ng/ul	96
7) Acenaphthylene	14.03	152	2410	0.08	ng/ul	94
8) Acenaphthene	14.36	153	1988	0.09	ng/ul	98
9) Fluorene	15.36	166	2128	0.08	ng/ul#	91
11) Pentachlorophenol	16.73	266	13	0.02	ng/ul#	11
12) Phenanthrene	17.10	178	3260	0.10	ng/ul	93
13) Anthracene	17.10	178	3260	0.11	ng/ul	94
15) Fluoranthene	19.12	202	3625	0.10	ng/ul	88
17) Pyrene	19.49	202	3760	0.10	ng/ul#	92
18) Benzo(a)anthracene	21.28	228	3709	0.13	ng/ul	92
19) Chrysene	21.28	228	3749	0.11	ng/ul	96
21) Benzo(b)fluoranthene	22.79	252	3013	0.09	ng/ul	76
22) Benzo(k)fluoranthene	22.83	252	3536	0.10	ng/ul#	76
23) Benzo(a)pyrene	23.35	252	3170	0.10	ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	25.67	276	3683	0.10	ng/ul	99
25) Dibenzo(a,h)anthracene	25.69	278	2948	0.10	ng/ul#	83
26) Benzo(g,h,i)perylene	26.35	276	3329	0.10	ng/ul	94

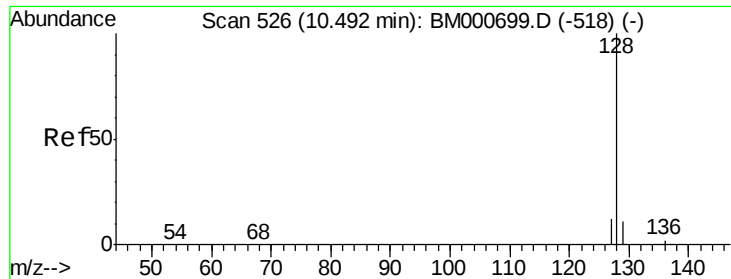
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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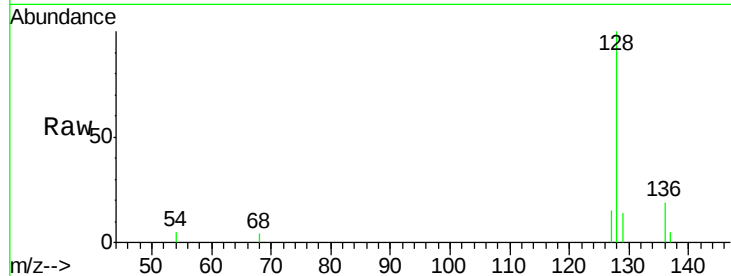




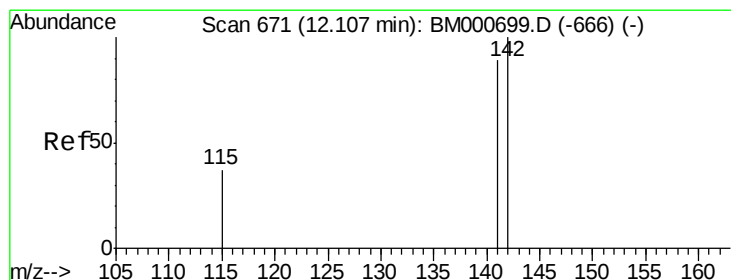
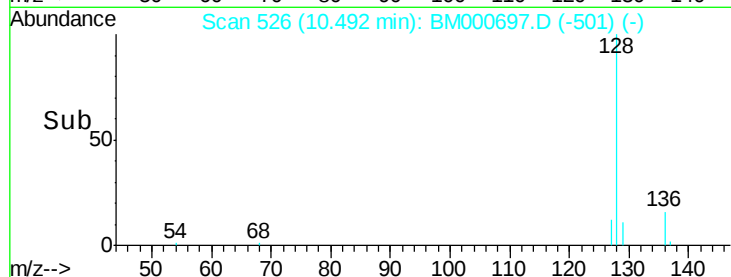
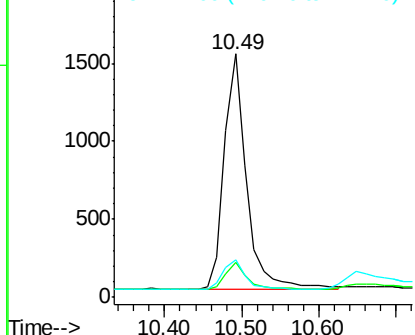
#3
Naphthalene
Concen: 0.10 ng/ul
RT: 10.49 min Scan# 526
Delta R.T. 0.00 min
Lab File: BM000697.D
Acq: 11 Mar 2015 19:55

Instrument :
BNA_M
ClientSampleId :
DFTPP36

Tgt Ion:128 Resp: 3009
Ion Ratio Lower Upper
128 100
129 14.1 9.4 14.2
127 15.2 10.0 15.0#

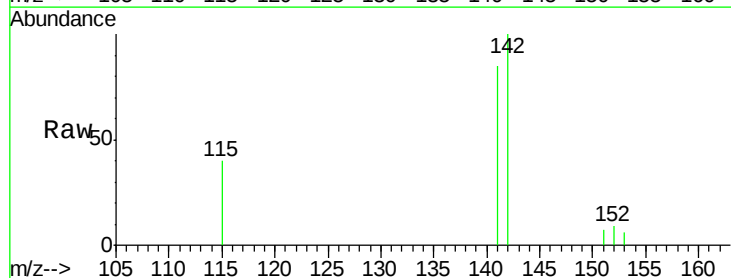


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

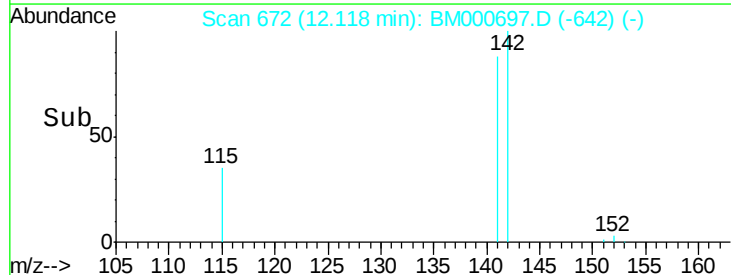
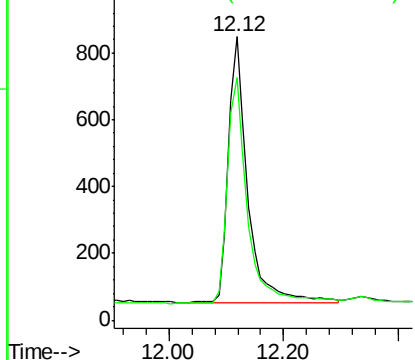


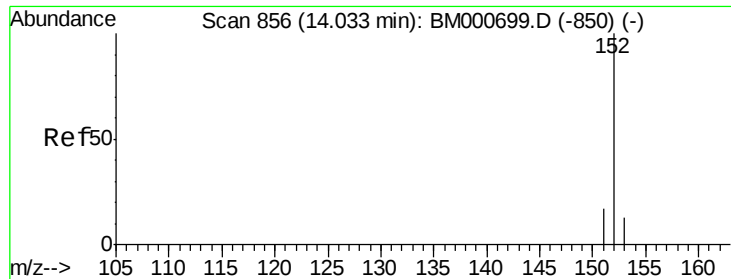
#5
2-Methylnaphthalene
Concen: 0.10 ng/ul
RT: 12.12 min Scan# 672
Delta R.T. 0.01 min
Lab File: BM000697.D
Acq: 11 Mar 2015 19:55

Tgt Ion:142 Resp: 1853
Ion Ratio Lower Upper
142 100
141 90.7 69.5 104.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.08 ng/ul

RT: 14.03 min Scan# 856

Delta R.T. 0.00 min

Lab File: BM000697.D

Acq: 11 Mar 2015 19:55

Instrument :

BNA_M

ClientSampleId :

DFTPP36

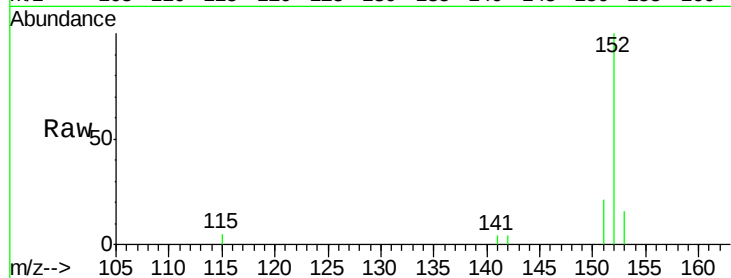
Tgt Ion:152 Resp: 2410

Ion Ratio Lower Upper

152 100

151 21.5 14.5 21.7

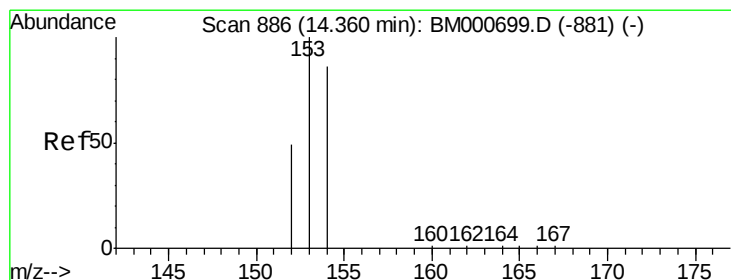
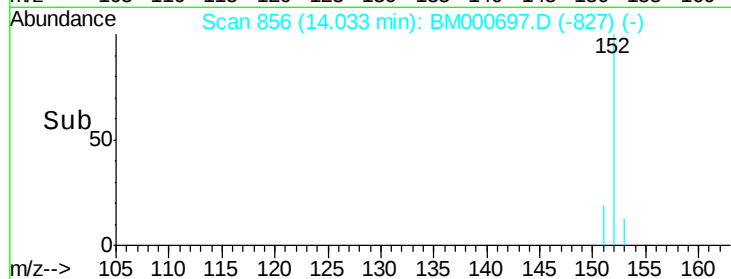
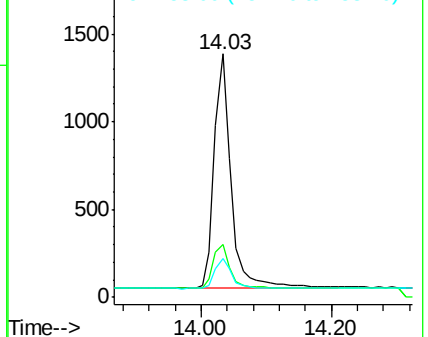
153 16.1 11.3 16.9



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: 0.09 ng/ul

RT: 14.36 min Scan# 886

Delta R.T. 0.00 min

Lab File: BM000697.D

Acq: 11 Mar 2015 19:55

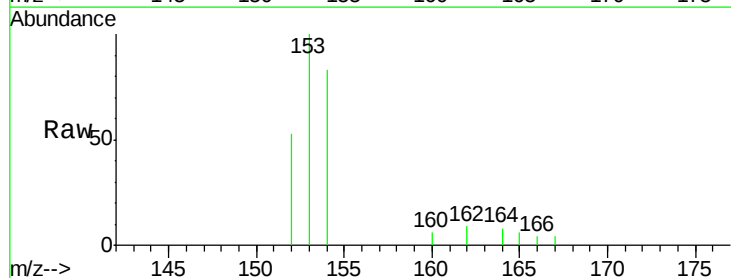
Tgt Ion:153 Resp: 1988

Ion Ratio Lower Upper

153 100

152 52.5 40.2 60.2

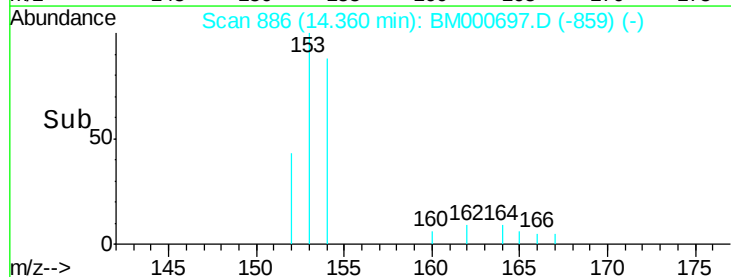
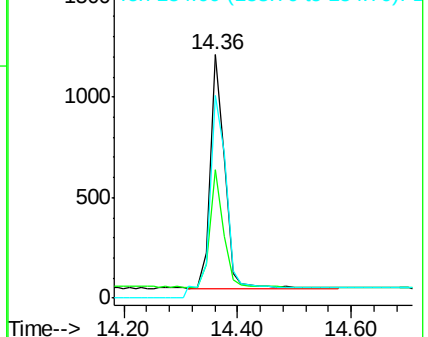
154 83.5 68.2 102.2

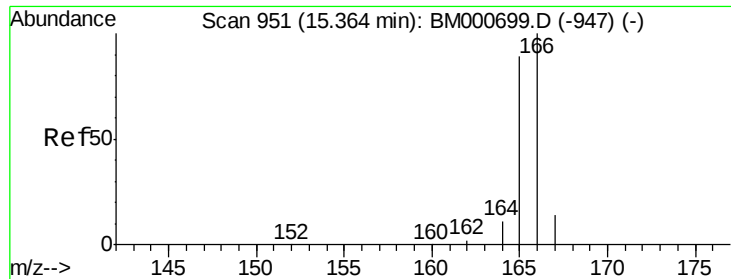


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

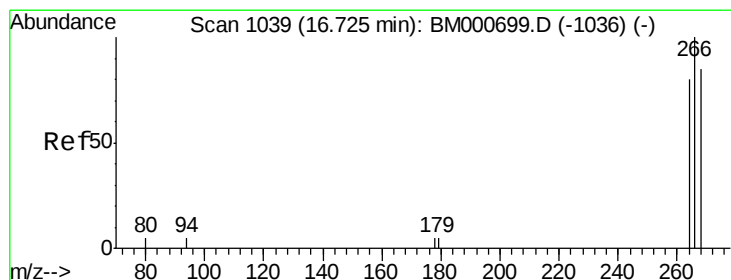
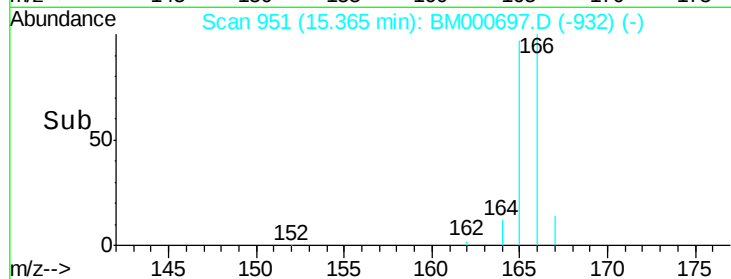
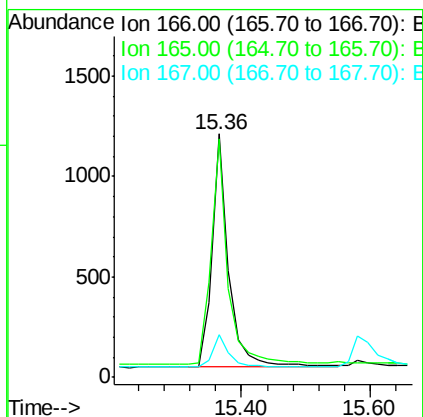
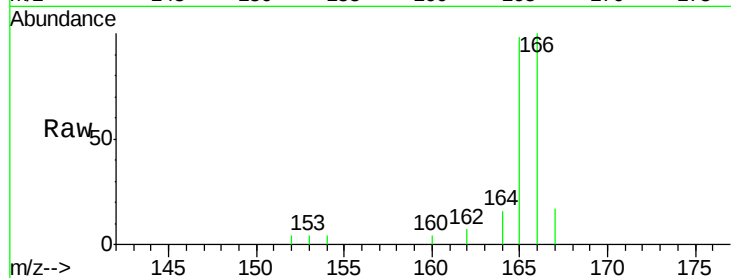




#9
Fluorene
 Concen: 0.08 ng/ul
 RT: 15.36 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BM000697.D
 Acq: 11 Mar 2015 19:55

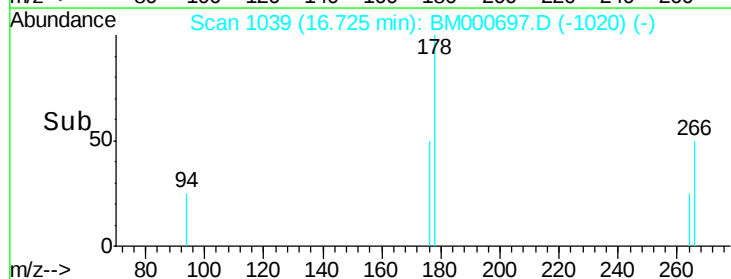
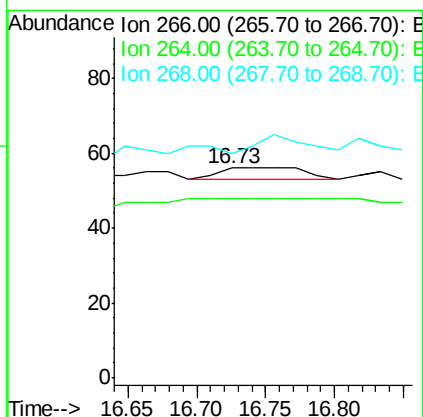
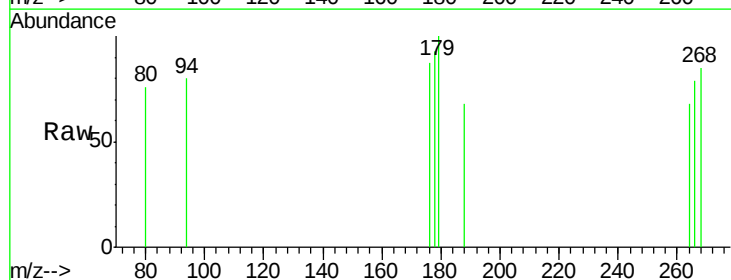
Instrument :
 BNA_M
 ClientSampleId :
 DFTPP36

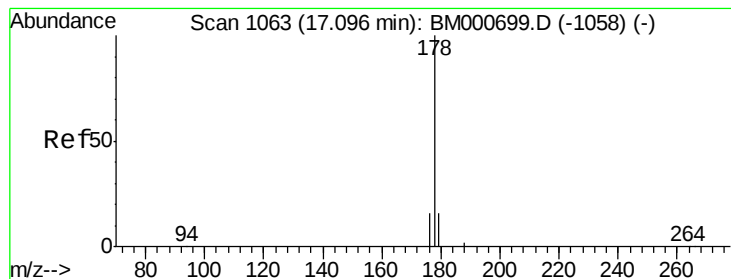
Tgt Ion:166 Resp: 2128
 Ion Ratio Lower Upper
 166 100
 165 98.2 71.7 107.5
 167 17.5 11.5 17.3#



#11
Pentachlorophenol
 Concen: 0.02 ng/ul
 RT: 16.73 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BM000697.D
 Acq: 11 Mar 2015 19:55

Tgt Ion:266 Resp: 13
 Ion Ratio Lower Upper
 266 100
 264 0.0 43.9 65.9#
 268 0.0 73.2 109.8#





#12

Phenanthrene

Concen: 0.10 ng/ul

RT: 17.10 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BM000697.D

Acq: 11 Mar 2015 19:55

Instrument :

BNA_M

ClientSampleId :

DFTPP36

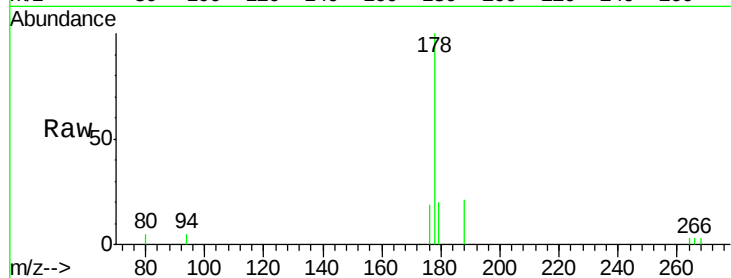
Tgt Ion:178 Resp: 3260

Ion Ratio Lower Upper

178 100

176 19.5 13.4 20.2

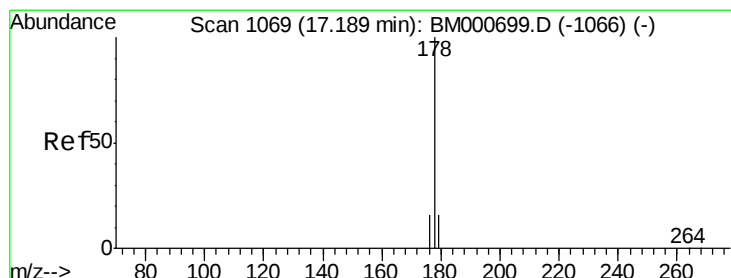
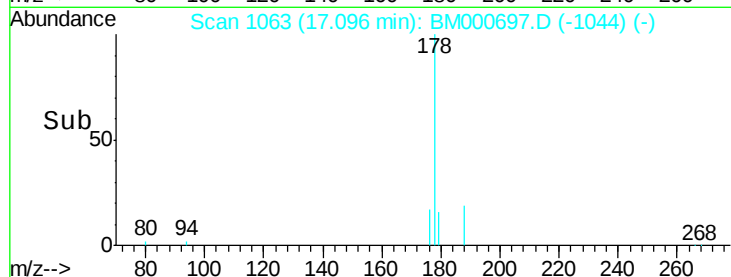
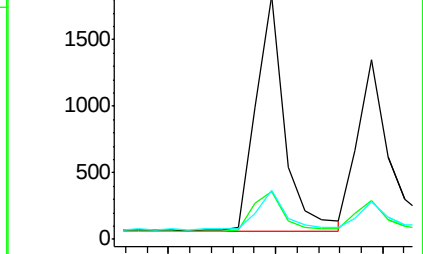
179 20.0 13.4 20.2



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



#13

Anthracene

Concen: 0.11 ng/ul

RT: 17.10 min Scan# 1063

Delta R.T. -0.09 min

Lab File: BM000697.D

Acq: 11 Mar 2015 19:55

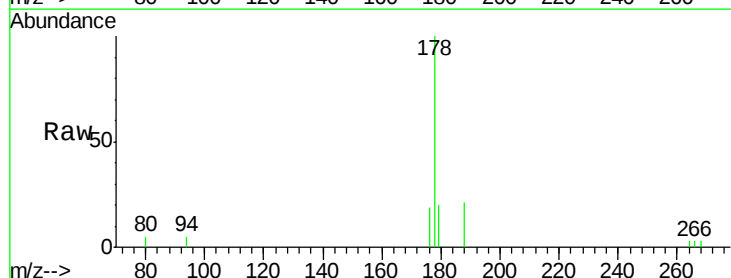
Tgt Ion:178 Resp: 3260

Ion Ratio Lower Upper

178 100

176 19.5 13.8 20.8

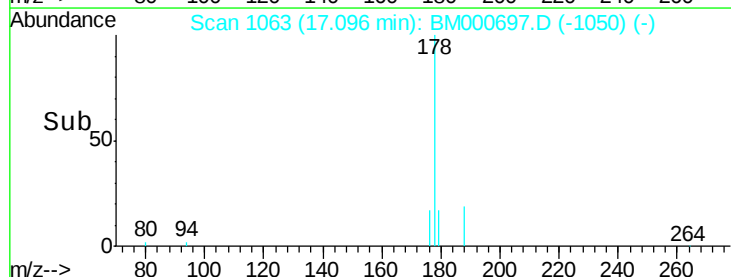
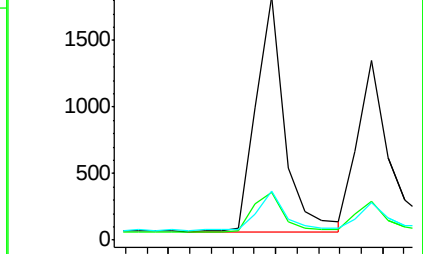
179 20.0 13.8 20.6

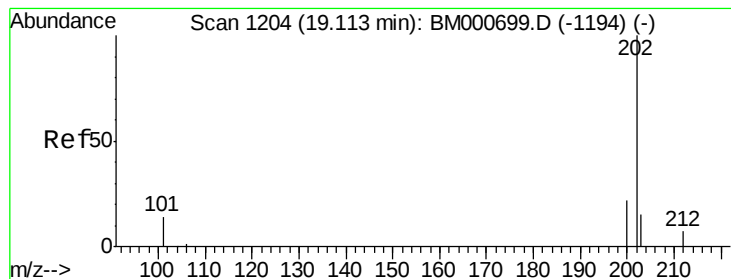


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.10 ng/ul

RT: 19.12 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BM000697.D

Acq: 11 Mar 2015 19:55

Instrument :

BNA_M

ClientSampleId :

DFTPP36

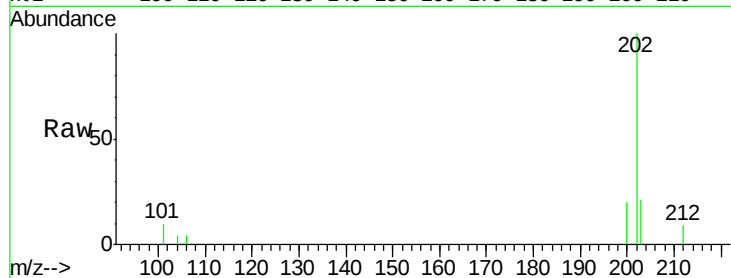
Tgt Ion:202 Resp: 3625

Ion Ratio Lower Upper

202 100

101 9.8 0.0 34.4

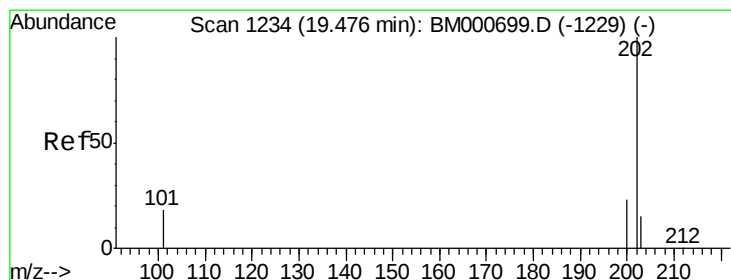
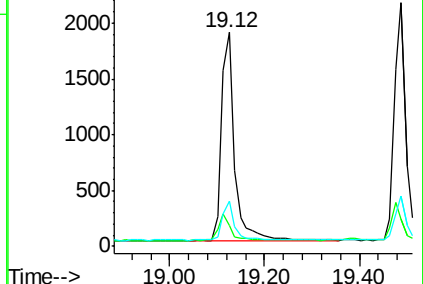
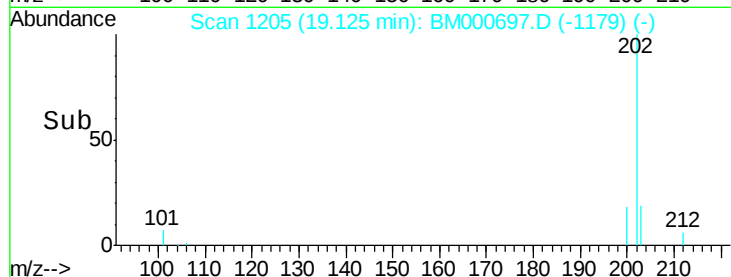
203 21.0 0.0 36.0



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

Pyrene

Concen: 0.10 ng/ul

RT: 19.49 min Scan# 1235

Delta R.T. 0.01 min

Lab File: BM000697.D

Acq: 11 Mar 2015 19:55

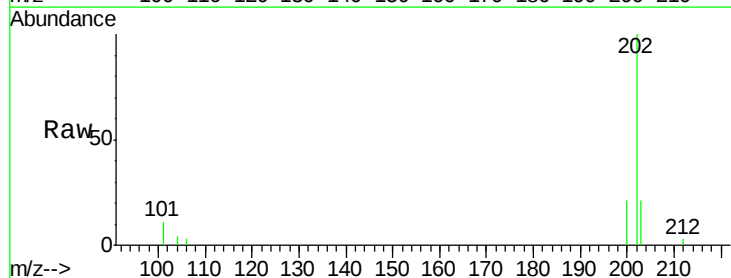
Tgt Ion:202 Resp: 3760

Ion Ratio Lower Upper

202 100

200 20.7 18.8 28.2

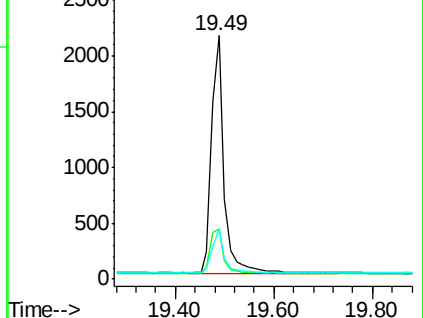
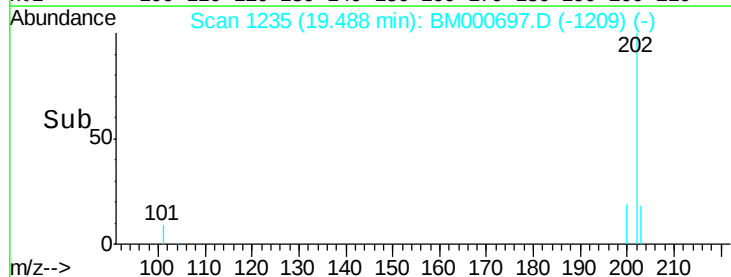
203 20.6 12.8 19.2#

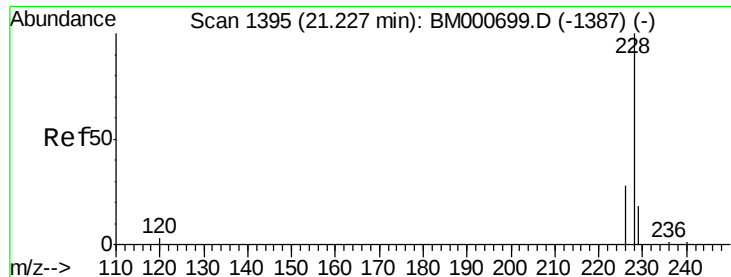


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.13 ng/ul

RT: 21.28 min Scan# 1400

Delta R.T. 0.05 min

Lab File: BM000697.D

Acq: 11 Mar 2015 19:55

Instrument :

BNA_M

ClientSampleId :

DFTPP36

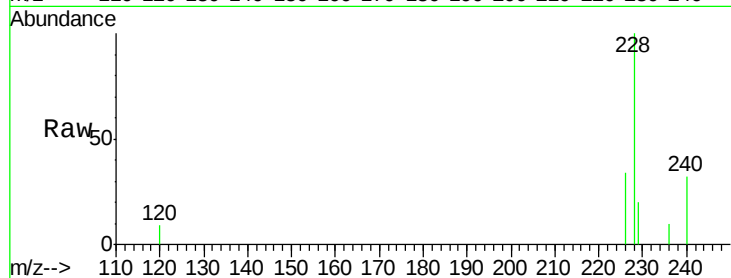
Tgt Ion:228 Resp: 3709

Ion Ratio Lower Upper

228 100

226 33.8 22.7 34.1

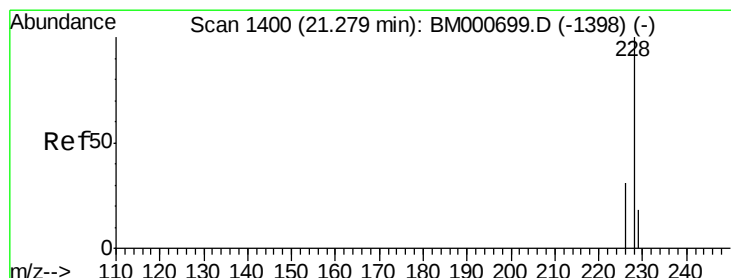
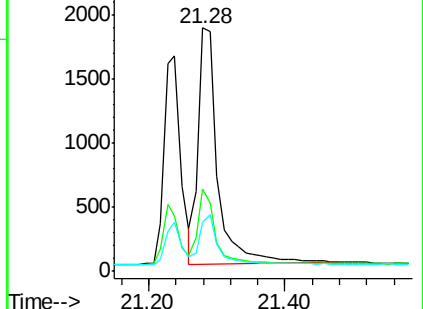
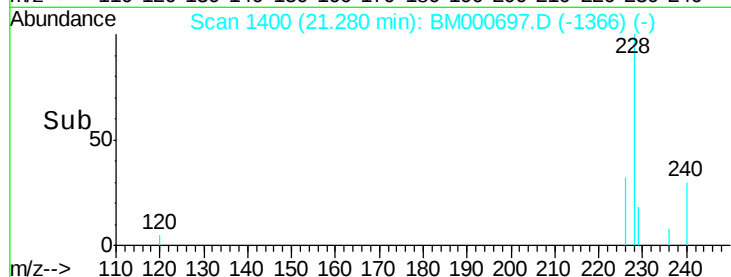
229 20.4 14.7 22.1



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: 0.11 ng/ul

RT: 21.28 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BM000697.D

Acq: 11 Mar 2015 19:55

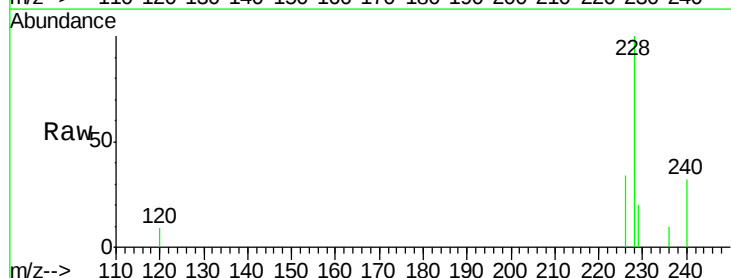
Tgt Ion:228 Resp: 3749

Ion Ratio Lower Upper

228 100

226 33.8 25.3 37.9

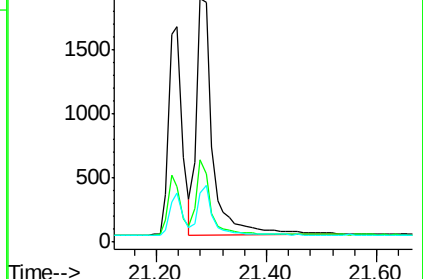
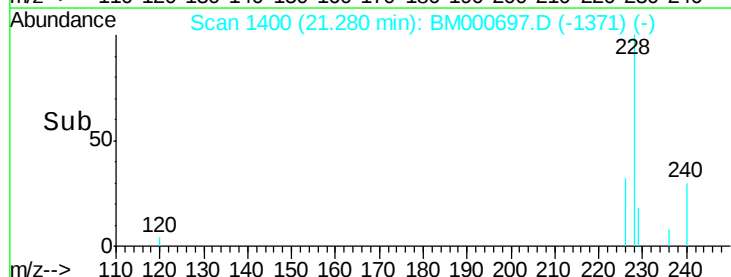
229 20.4 14.7 22.1

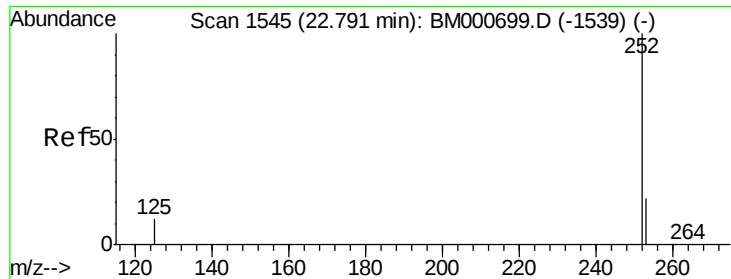


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.09 ng/u1

RT: 22.79 min Scan# 1545

Delta R.T. 0.00 min

Lab File: BM000697.D

Acq: 11 Mar 2015 19:55

Instrument :

BNA_M

ClientSampleId :

DFTPP36

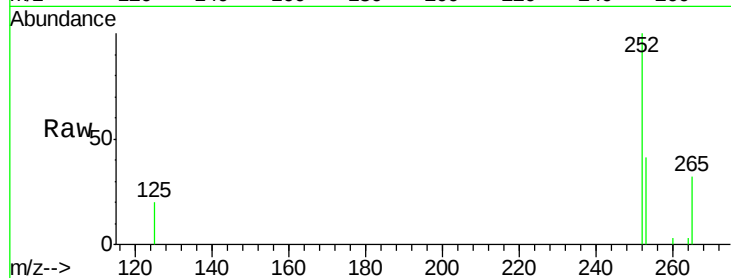
Tgt Ion:252 Resp: 3013

Ion Ratio Lower Upper

252 100

253 41.4 0.0 53.2

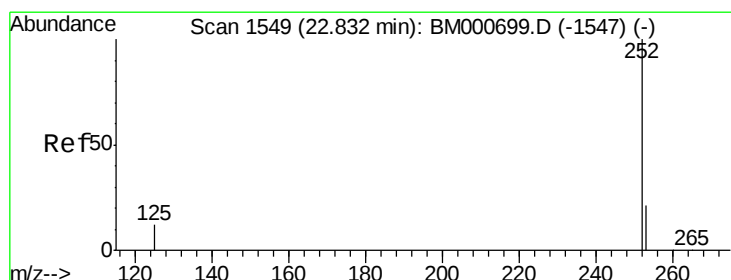
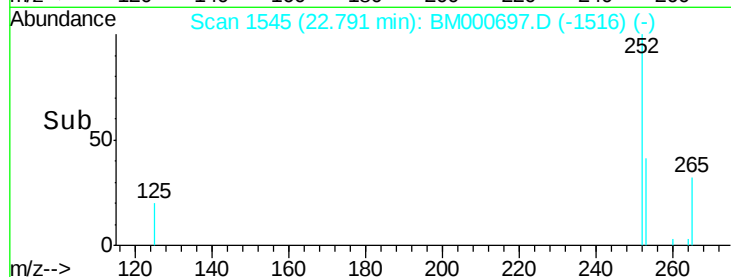
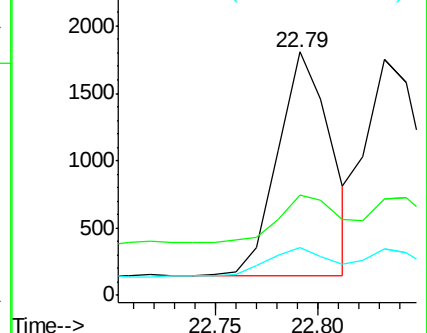
125 19.7 0.0 27.0



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: 0.10 ng/u1

RT: 22.83 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BM000697.D

Acq: 11 Mar 2015 19:55

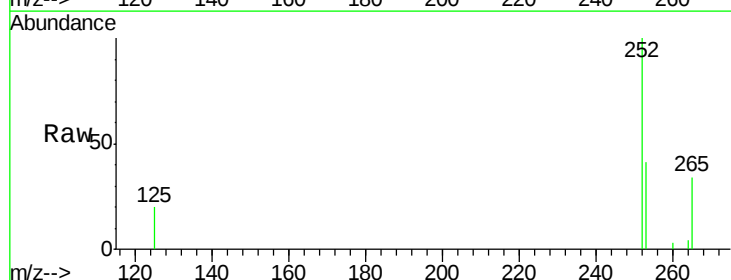
Tgt Ion:252 Resp: 3536

Ion Ratio Lower Upper

252 100

253 41.2 20.8 31.2#

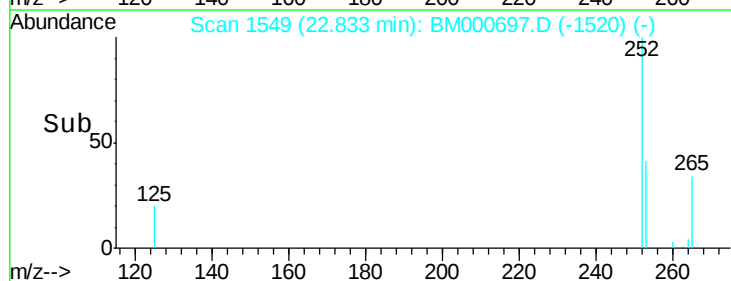
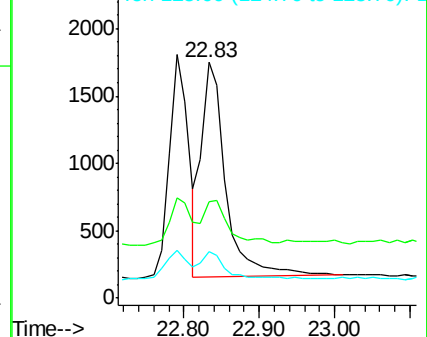
125 19.7 11.2 16.8#

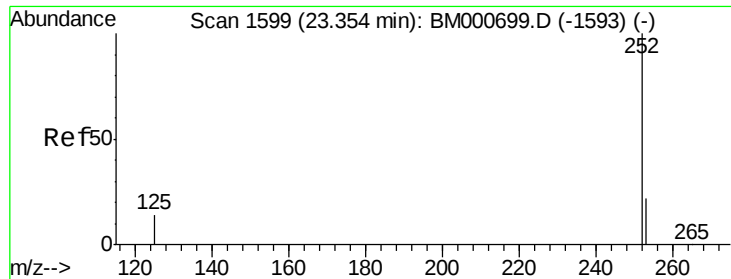


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.10 ng/ul

RT: 23.35 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BM000697.D

Acq: 11 Mar 2015 19:55

Instrument :

BNA_M

ClientSampleId :

DFTPP36

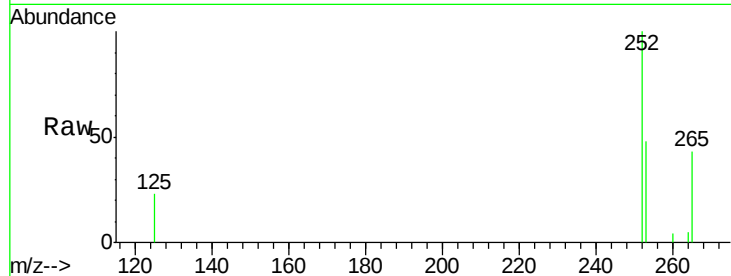
Tgt Ion:252 Resp: 3170

Ion Ratio Lower Upper

252 100

253 48.2 22.7 34.1#

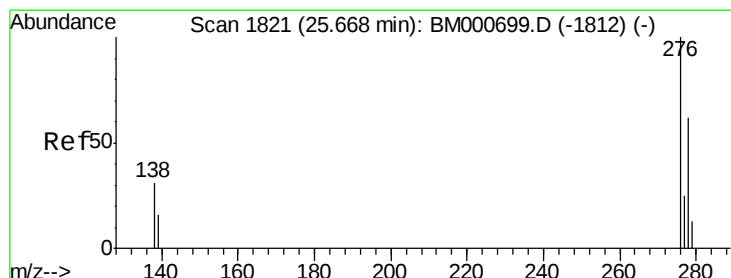
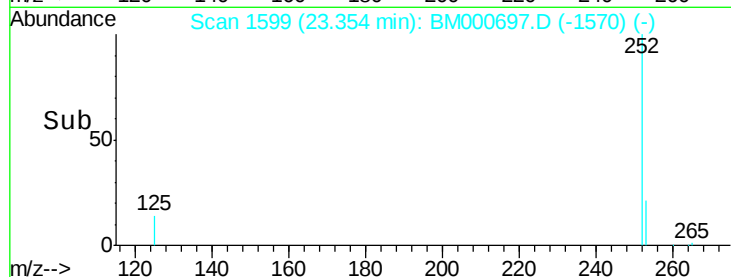
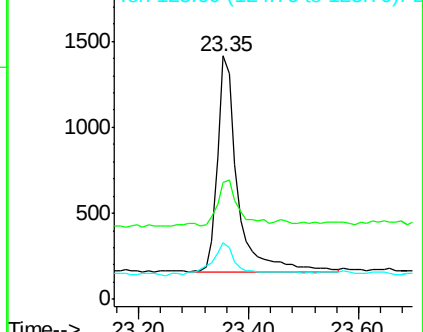
125 23.2 12.6 18.8#



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

Indeno(1,2,3-cd)pyrene

Concen: 0.10 ng/ul

RT: 25.67 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BM000697.D

Acq: 11 Mar 2015 19:55

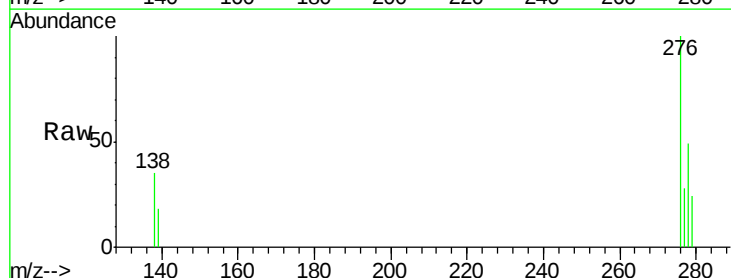
Tgt Ion:276 Resp: 3683

Ion Ratio Lower Upper

276 100

138 30.6 25.4 38.2

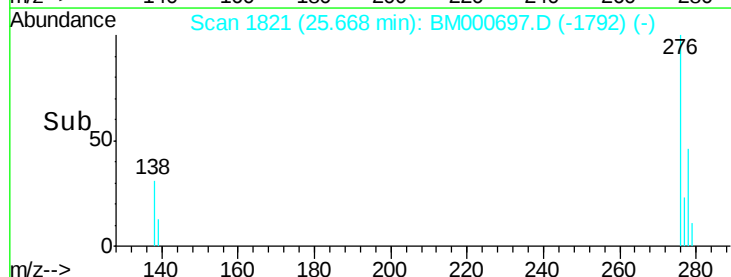
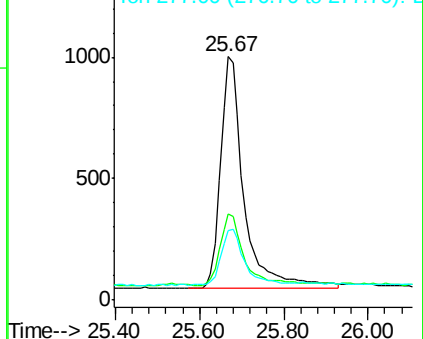
277 24.8 20.0 30.0

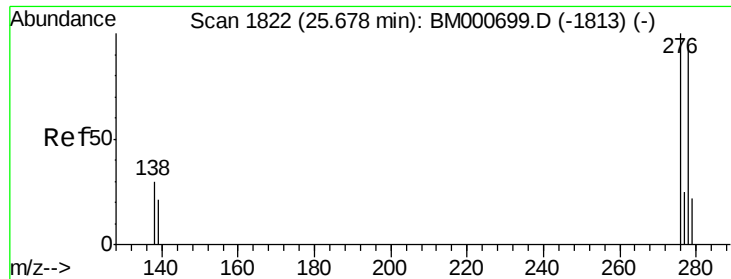


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



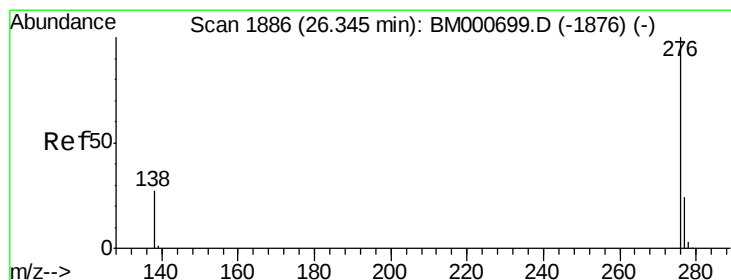
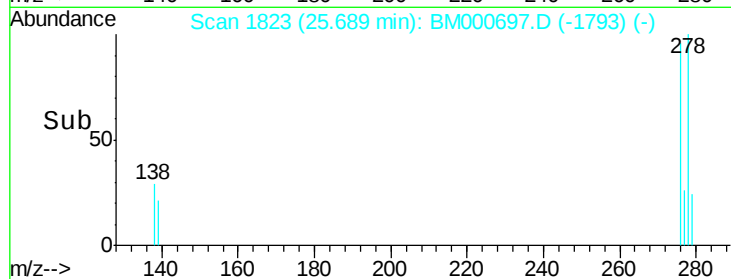
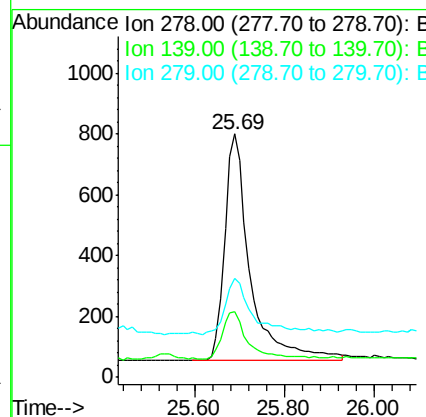
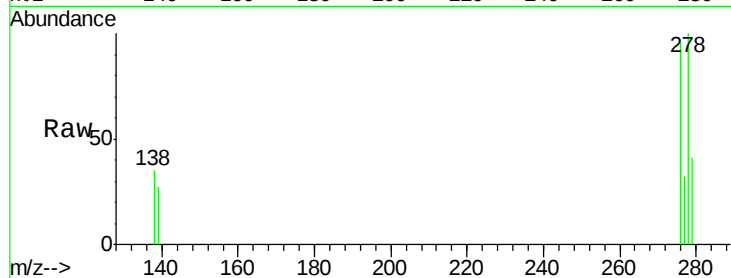


#25
Dibenzo(a,h)anthracene
Concen: 0.10 ng/ul
RT: 25.69 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BM000697.D
Acq: 11 Mar 2015 19:55

Instrument :
BNA_M
ClientSampleId :
DFTPP36

Tgt Ion: 278 Resp: 2948

Ion	Ratio	Lower	Upper
278	100		
139	26.8	18.8	28.2
279	40.5	21.6	32.4



#26
Benzo(g,h,i)perylene
Concen: 0.10 ng/ul
RT: 26.35 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BM000697.D
Acq: 11 Mar 2015 19:55

Tgt Ion: 276 Resp: 3329

Ion	Ratio	Lower	Upper
276	100		
277	28.4	20.2	30.4
138	31.6	22.5	33.7

