

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092215\
 Data File : BM002702.D
 Acq On : 22 Sep 2015 20:00
 Operator : UM/IZ
 Sample : G3741-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 23 03:42:02 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM90315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 23 03:40:59 2015
 Response via : Initial Calibration

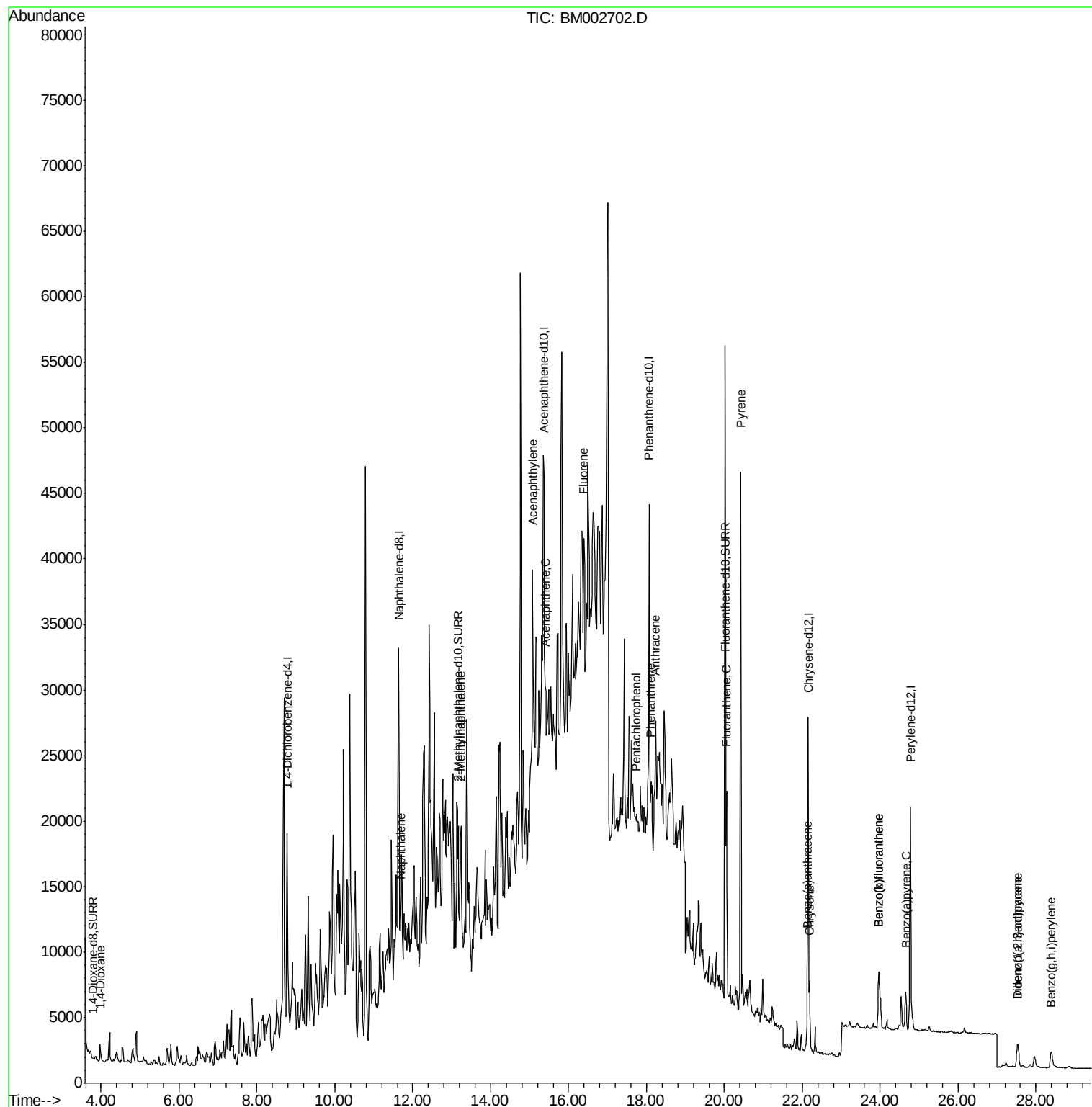
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	9185	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	35291	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	25346	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.06	188	31383	0.40	ng/ul	0.00
18) Chrysene-d12	22.16	240	27187	0.40	ng/ul	0.00
22) Perylene-d12	24.77	264	27142	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.79	96	58	0.01	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	13.16	152	29901	0.63	ng/ul	0.00
16) Fluoranthene-d10	20.03	212	21500	0.30	ng/ul	0.00
Target Compounds				Ovalue		
3) 1,4-Dioxane	3.99	88	94	0.01	ng/ul#	1
5) Naphthalene	11.69	128	4899	0.05	ng/ul#	6
7) 2-Methylnaphthalene	13.23	142	1871	0.03	ng/ul#	1
9) Acenaphthylene	15.07	152	12171	0.09	ng/ul#	1
10) Acenaphthene	15.42	153	4961	0.05	ng/ul#	65
11) Fluorene	16.39	166	3359	0.03	ng/ul#	23
13) Pentachlorophenol	17.72	266	509	0.17	ng/ul#	50
14) Phenanthrene	18.11	178	7078	0.08	ng/ul#	1
15) Anthracene	18.23	178	17244	0.18	ng/ul#	1
17) Fluoranthene	20.06	202	15360	0.16	ng/ul	81
19) Pyrene	20.42	202	43387	0.42	ng/ul#	90
20) Benzo(a)anthracene	22.13	228	6638	0.07	ng/ul#	82
21) Chrysene	22.19	228	6281	0.07	ng/ul#	82
23) Benzo(b)fluoranthene	23.96	252	11567	0.12	ng/ul#	61
24) Benzo(k)fluoranthene	23.96	252	11592	0.13	ng/ul#	62
25) Benzo(a)pyrene	24.66	252	5152	0.06	ng/ul#	53
26) Indeno(1,2,3-cd)pyrene	27.54	276	3301	0.03	ng/ul	95
27) Dibenzo(a,h)anthracene	27.54	278	1247	0.01	ng/ul#	1
28) Benzo(g,h,i)perylene	28.39	276	3201	0.04	ng/ul#	70

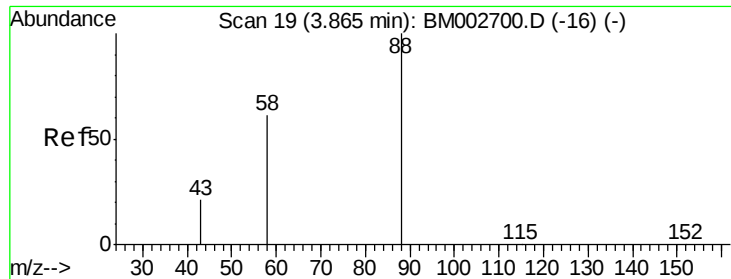
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 23 03:42:02 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM90315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 23 03:40:59 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 0.01 ng/ul

RT: 3.99 min Scan# 27

Delta R.T. 0.12 min

Lab File: BM002702.D

Acq: 22 Sep 2015 20:00

Instrument :

BNA_M

ClientSampleId :

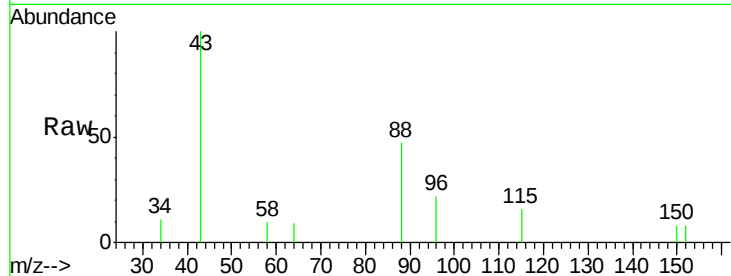
Tot Ion: 88 Resp: 94

Ion Ratio Lower Upper

88 100

58 14.9 55.4 83.2#

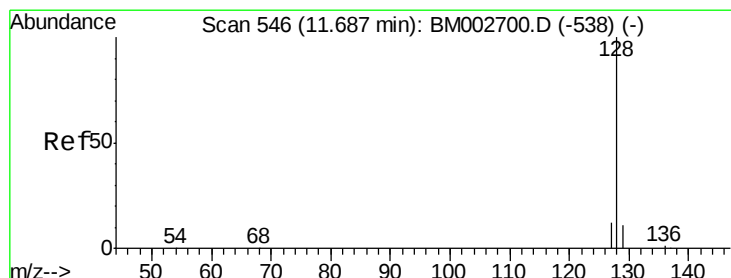
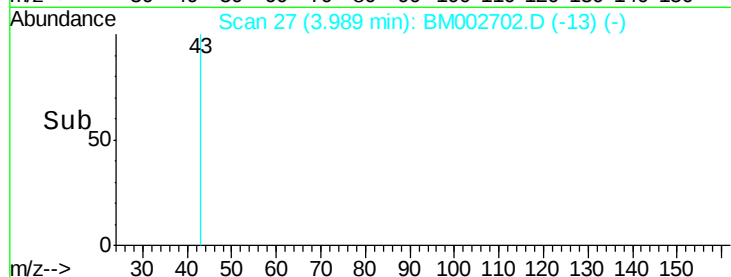
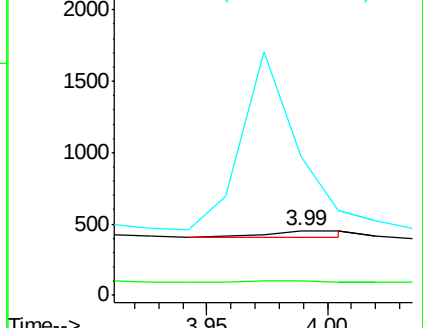
43 2052.1 24.2 36.2#



Abundance Ion 88.00 (87.70 to 88.70): BM002702.D (-16) (-)

Ion 58.00 (57.70 to 58.70): BM002702.D (-16) (-)

Ion 43.00 (42.70 to 43.70): BM002702.D (-16) (-)



#5

Naphthalene

Concen: 0.05 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. 0.00 min

Lab File: BM002702.D

Acq: 22 Sep 2015 20:00

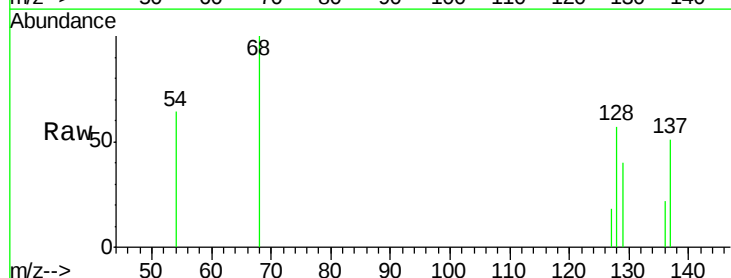
Tgt Ion: 128 Resp: 4899

Ion Ratio Lower Upper

128 100

129 70.6 9.8 14.8#

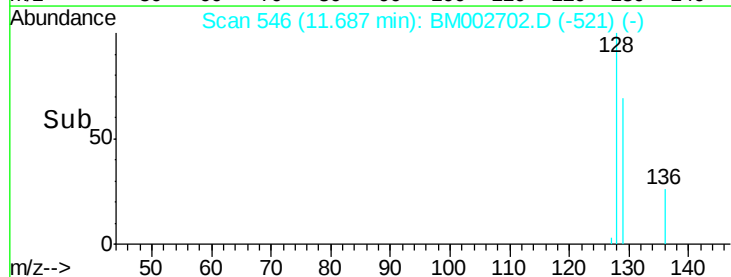
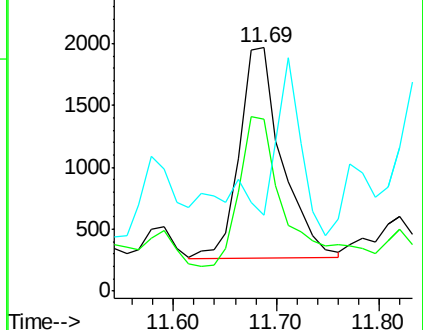
127 31.1 10.7 16.1#

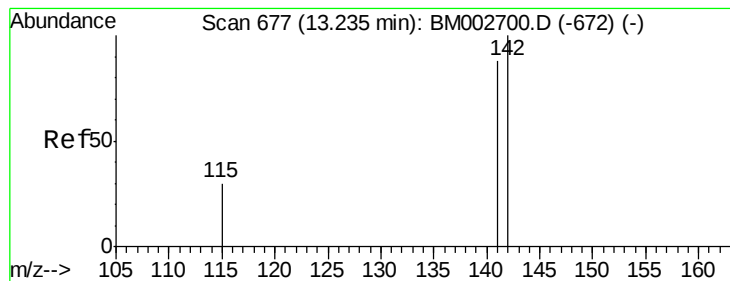


Abundance Ion 128.00 (127.70 to 128.70): BM002702.D (-538) (-)

Ion 129.00 (128.70 to 129.70): BM002702.D (-538) (-)

Ion 127.00 (126.70 to 127.70): BM002702.D (-538) (-)





#7

2-Methylnaphthalene

Concen: 0.03 ng/ul

RT: 13.23 min Scan# 677

Delta R.T. 0.00 min

Lab File: BM002702.D

Acq: 22 Sep 2015 20:00

Instrument :

BNA_M

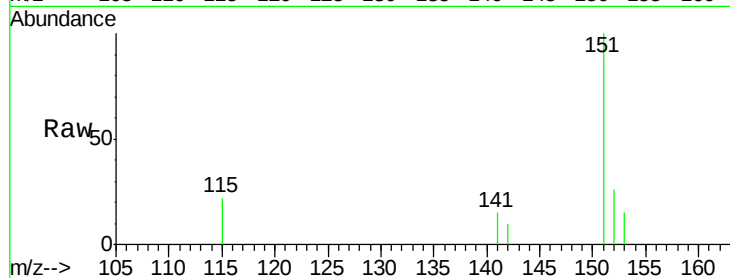
ClientSampleId :

Tot Ion:142 Resp: 1871

Ion Ratio Lower Upper

142 100

141 219.3 70.3 105.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

2000

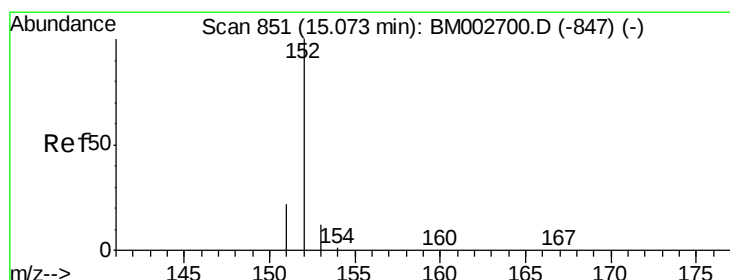
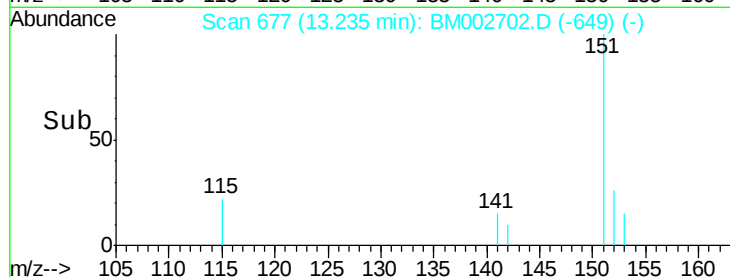
1500

1000

500

0

Time--> 13.20 13.30



#9

Acenaphthylene

Concen: 0.09 ng/ul

RT: 15.07 min Scan# 851

Delta R.T. 0.00 min

Lab File: BM002702.D

Acq: 22 Sep 2015 20:00

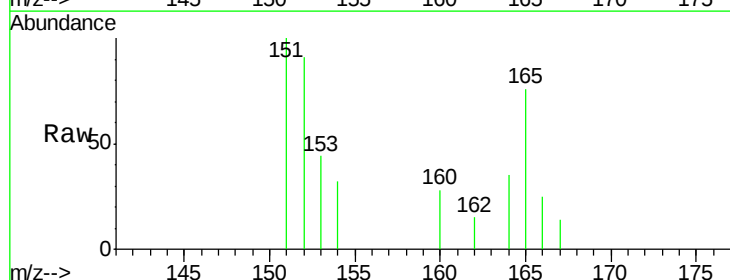
Tgt Ion:152 Resp: 12171

Ion Ratio Lower Upper

152 100

151 109.6 16.8 25.2#

153 48.4 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

10000

8000

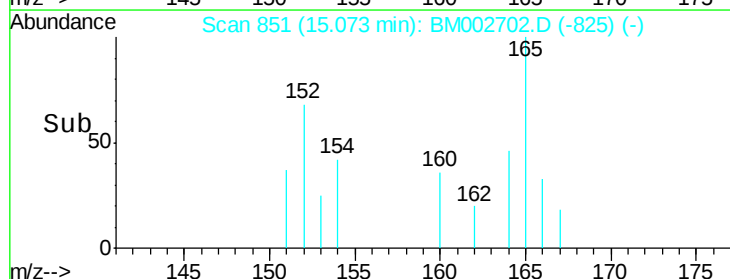
6000

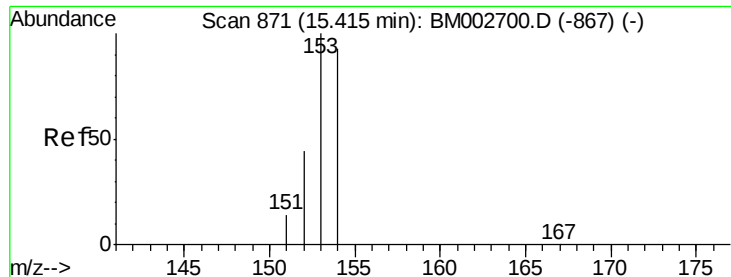
4000

2000

0

Time--> 15.00 15.10





#10

Acenaphthene

Concen: 0.05 ng/ul

RT: 15.42 min Scan# 871

Delta R.T. 0.00 min

Lab File: BM002702.D

Acq: 22 Sep 2015 20:00

Instrument :

BNA_M

ClientSampled :

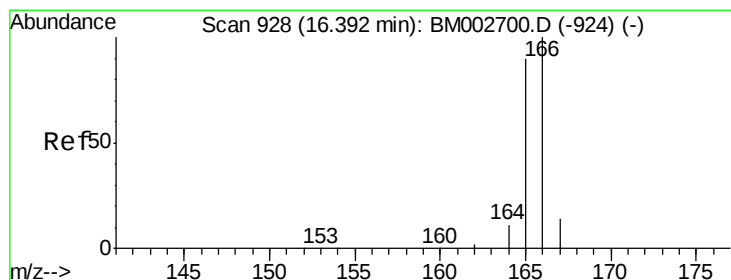
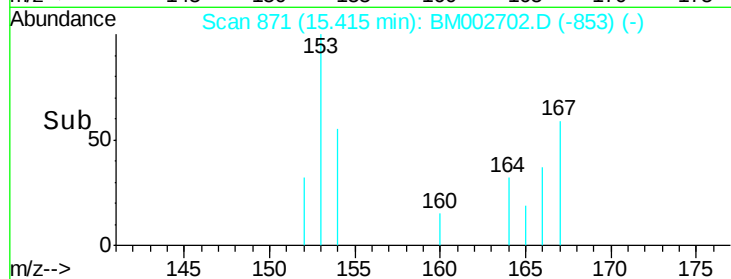
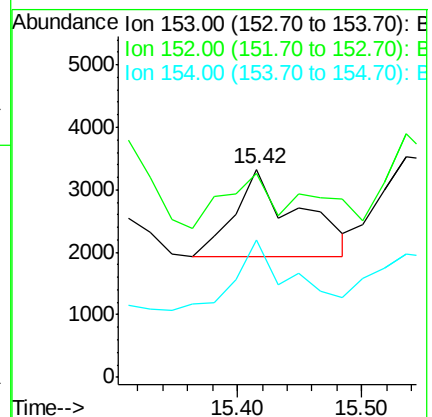
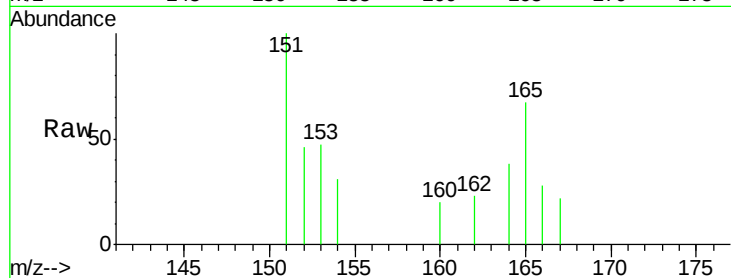
Tot Ion:153 Resp: 4961

Ion Ratio Lower Upper

153 100

152 97.9 42.3 63.5#

154 66.0 64.7 97.1



#11

Fluorene

Concen: 0.03 ng/ul

RT: 16.39 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM002702.D

Acq: 22 Sep 2015 20:00

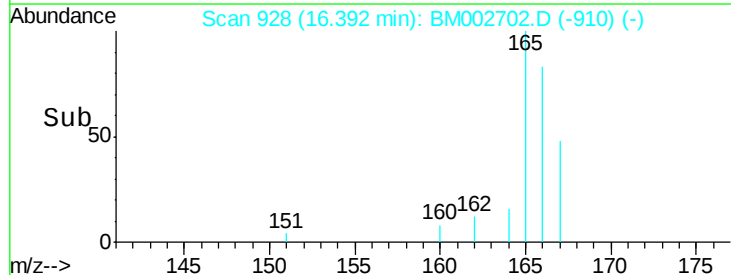
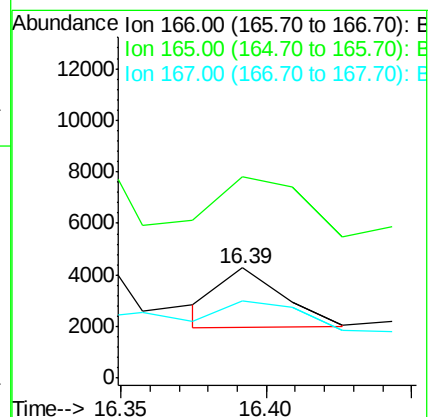
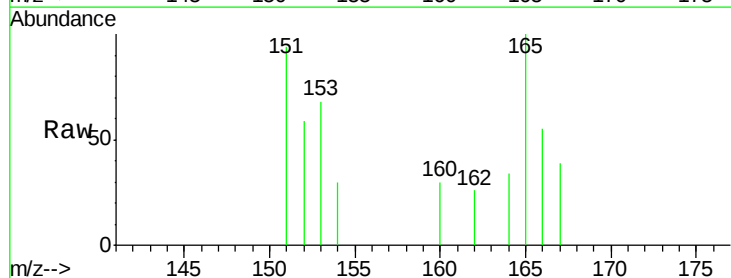
Tgt Ion:166 Resp: 3359

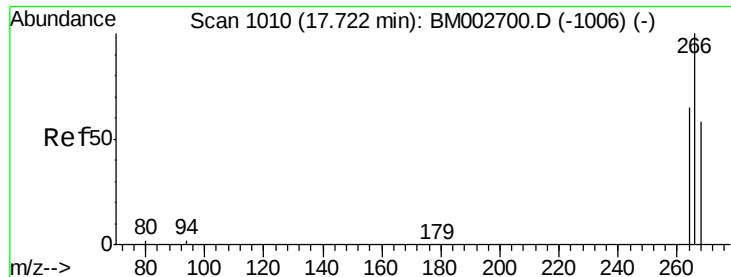
Ion Ratio Lower Upper

166 100

165 182.3 87.6 131.4#

167 70.3 11.1 16.7#

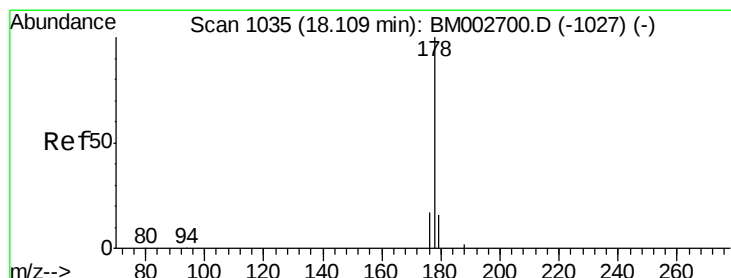
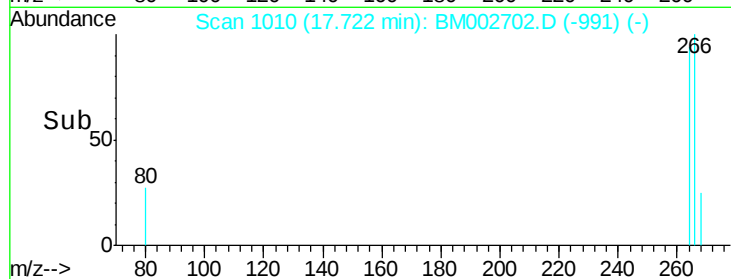
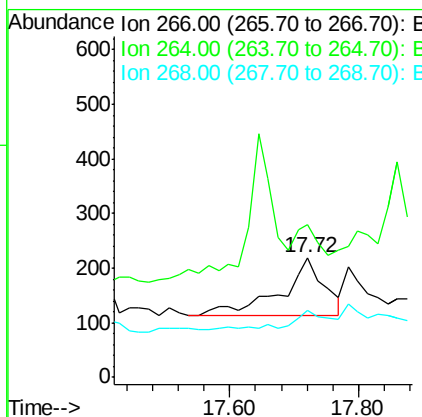
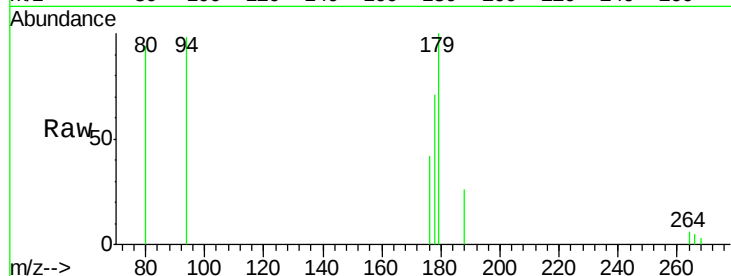




#13
 Pentachlorophenol
 Concen: 0.17 ng/ul
 RT: 17.72 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BM002702.D
 Acq: 22 Sep 2015 20:00

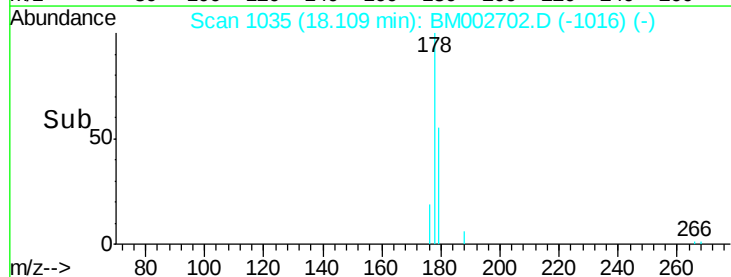
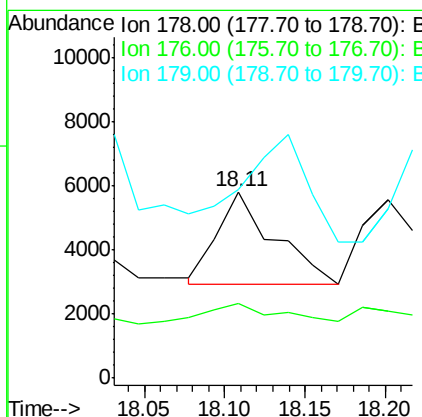
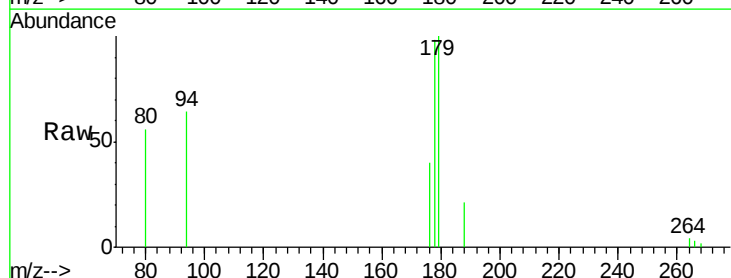
Instrument :
 BNA_M
 ClientSampled :

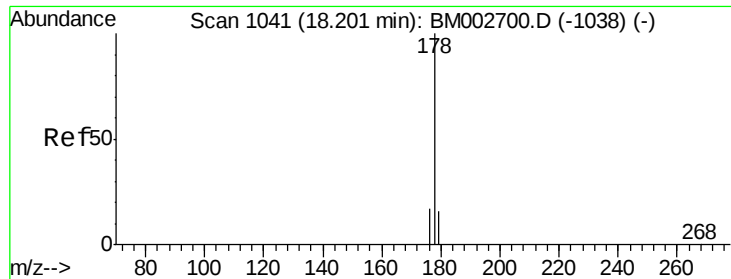
Tot Ion:266 Resp: 509
 Ion Ratio Lower Upper
 266 100
 264 25.7 53.5 80.3#
 268 27.9 54.2 81.2#



#14
 Phenanthrene
 Concen: 0.08 ng/ul
 RT: 18.11 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BM002702.D
 Acq: 22 Sep 2015 20:00

Tgt Ion:178 Resp: 7078
 Ion Ratio Lower Upper
 178 100
 176 40.2 16.2 24.4#
 179 101.6 12.8 19.2#





#15

Anthracene

Concen: 0.18 ng/ul

RT: 18.23 min Scan# 1043

Delta R.T. 0.03 min

Lab File: BM002702.D

Acq: 22 Sep 2015 20:00

Instrument :

BNA_M

ClientSampleId :

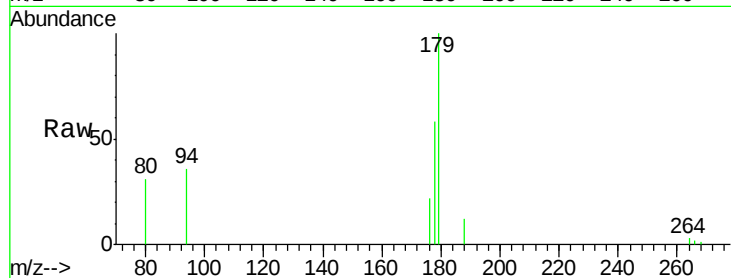
Tot Ion:178 Resp: 17244

Ion Ratio Lower Upper

178 100

176 38.7 15.8 23.8#

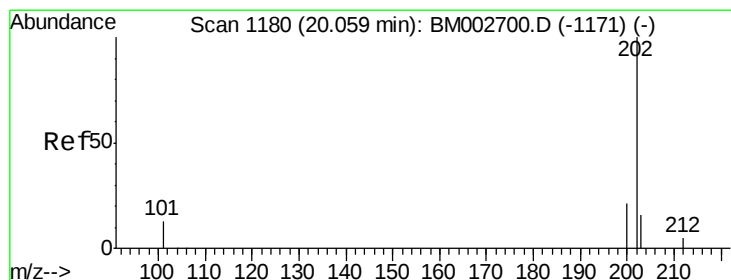
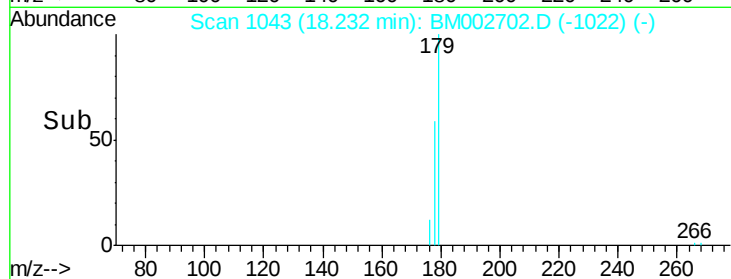
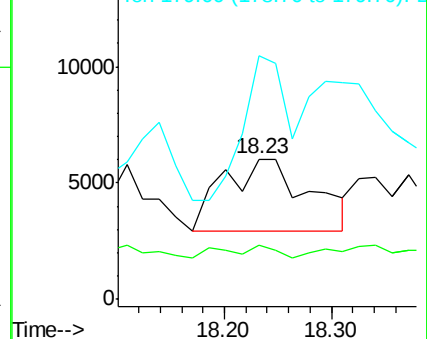
179 173.5 13.3 19.9#



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: 0.16 ng/ul

RT: 20.06 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BM002702.D

Acq: 22 Sep 2015 20:00

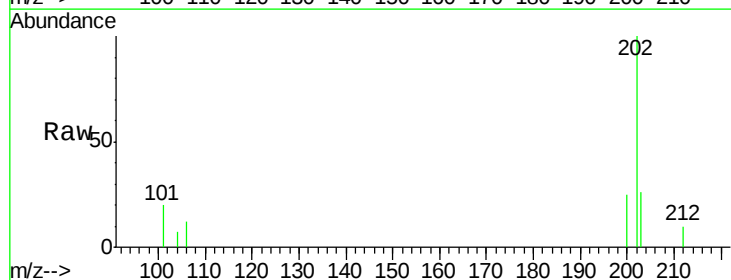
Tgt Ion:202 Resp: 15360

Ion Ratio Lower Upper

202 100

101 19.8 0.0 33.1

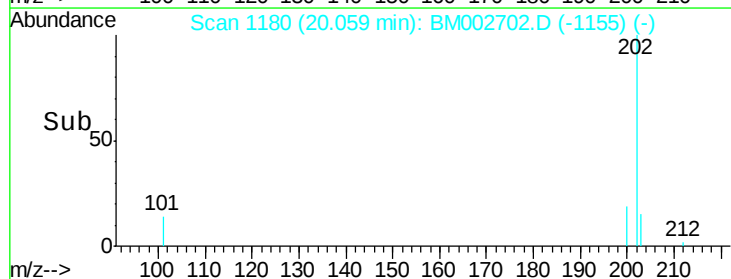
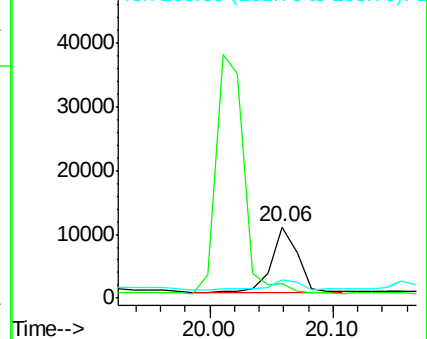
203 26.2 0.0 37.2

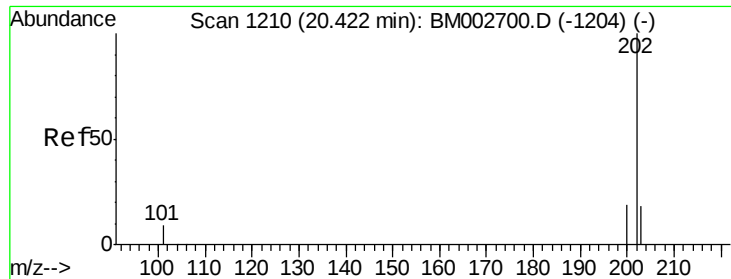


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

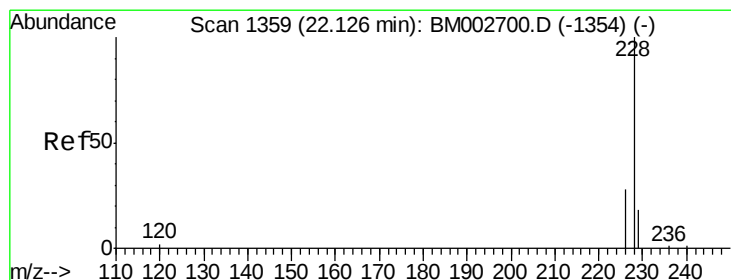
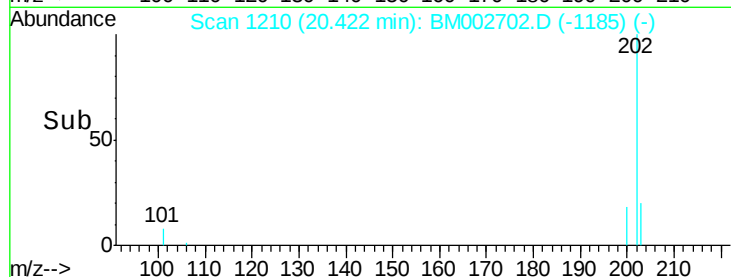
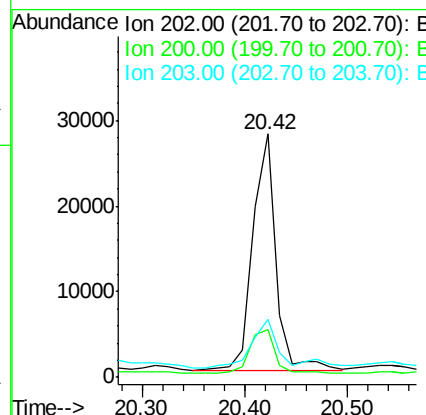
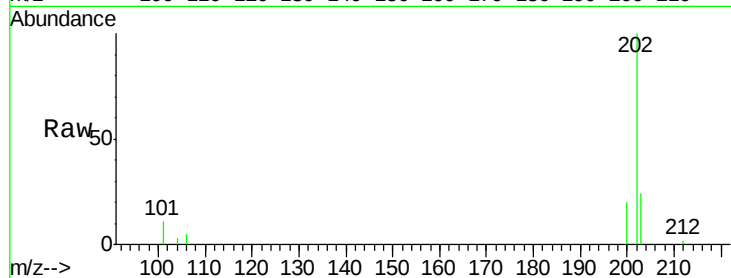




#19
Pvrene
Concen: 0.42 ng/ul
RT: 20.42 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BM002702.D
Acq: 22 Sep 2015 20:00

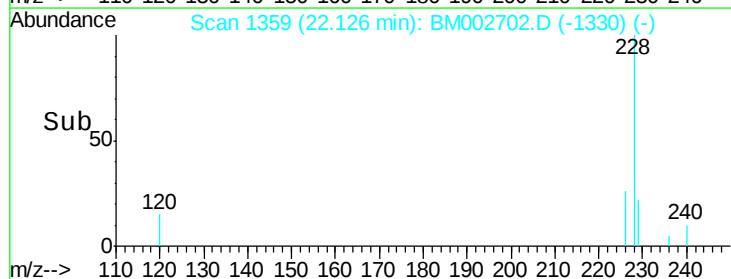
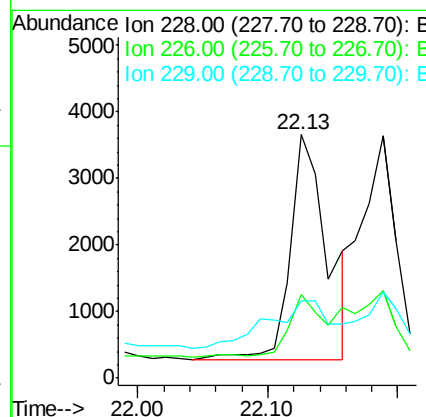
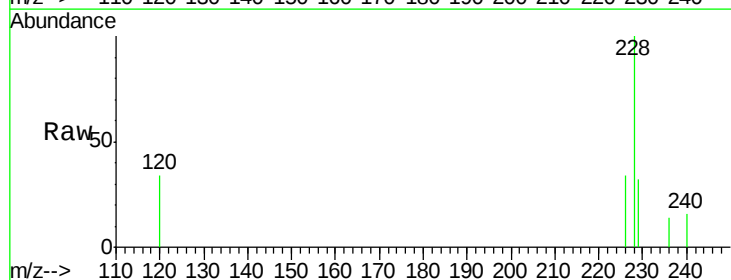
Instrument :
BNA_M
ClientSampleId :

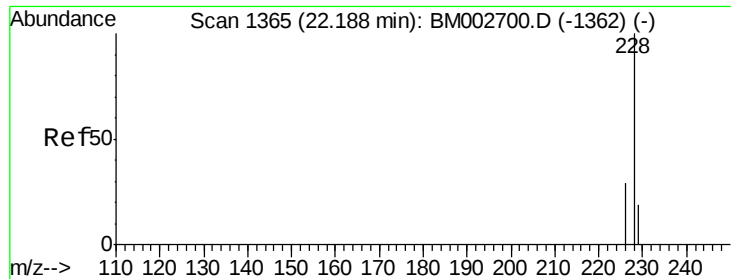
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.6	18.0	27.0
203	23.9	13.8	20.6



#20
Benzo(a)anthracene
Concen: 0.07 ng/ul
RT: 22.13 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BM002702.D
Acq: 22 Sep 2015 20:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.2	23.0	34.4
229	31.9	15.2	22.8





#21

Chrysene

Concen: 0.07 ng/ul

RT: 22.19 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BM002702.D

Acq: 22 Sep 2015 20:00

Instrument :

BNA_M

ClientSampled :

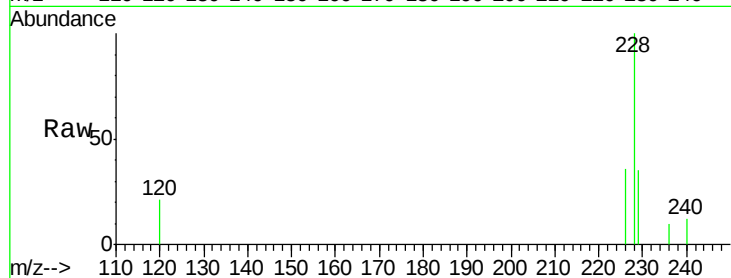
Tot Ion:228 Resp: 6281

Ion Ratio Lower Upper

228 100

226 36.2 25.7 38.5

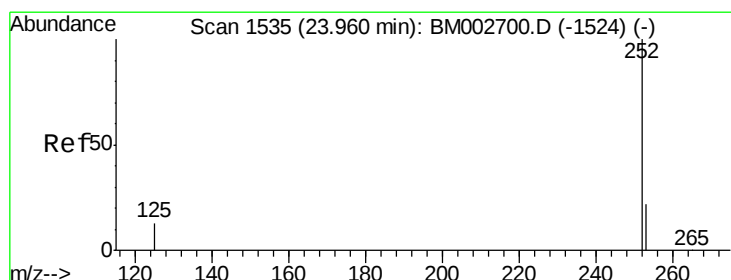
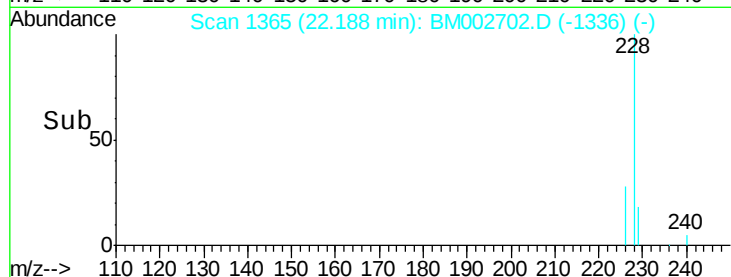
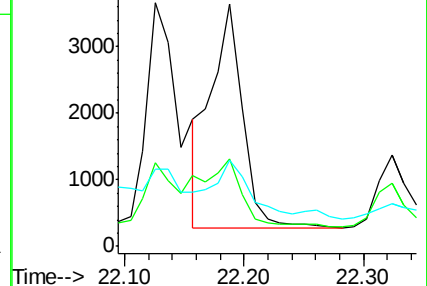
229 35.3 15.2 22.8#



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: 0.12 ng/ul

RT: 23.96 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BM002702.D

Acq: 22 Sep 2015 20:00

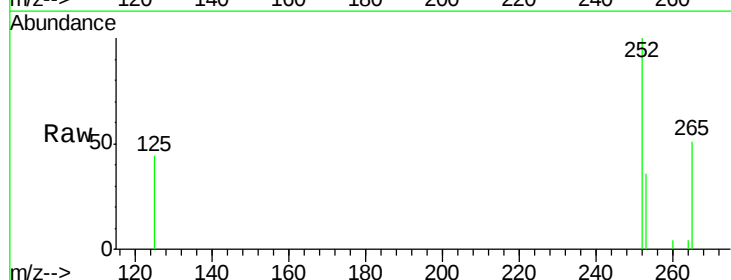
Tgt Ion:252 Resp: 11567

Ion Ratio Lower Upper

252 100

253 35.8 0.0 48.0

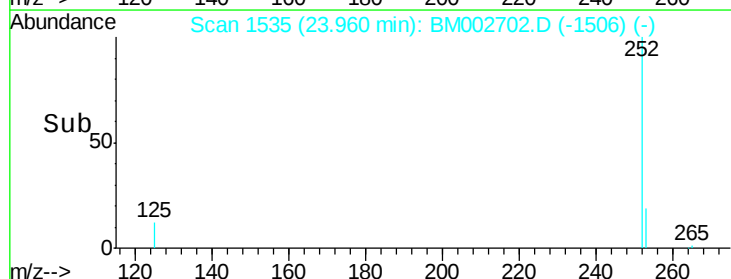
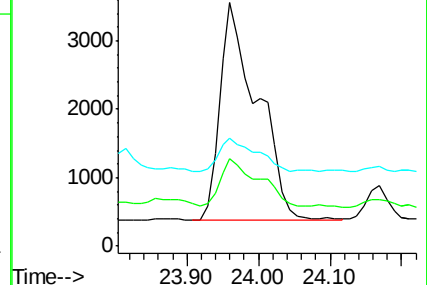
125 44.3 0.0 36.6#

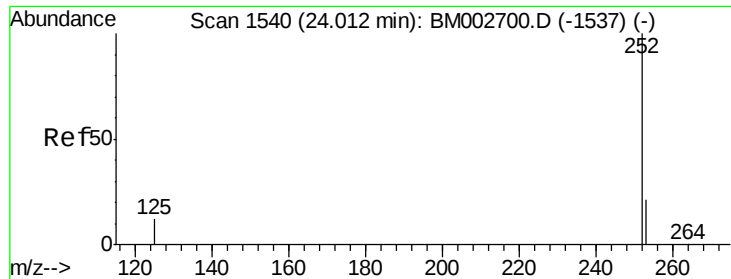


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.13 ng/ul

RT: 23.96 min Scan# 1535

Delta R.T. -0.05 min

Lab File: BM002702.D

Acq: 22 Sep 2015 20:00

Instrument :

BNA_M

ClientSampleId :

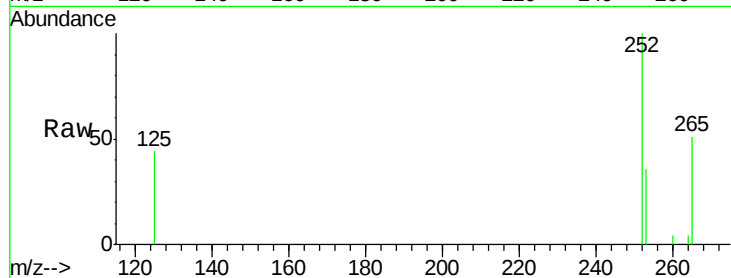
Tot Ion:252 Resp: 11592

Ion Ratio Lower Upper

252 100

253 35.8 20.8 31.2#

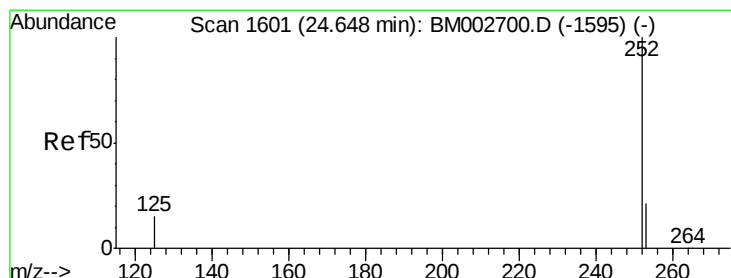
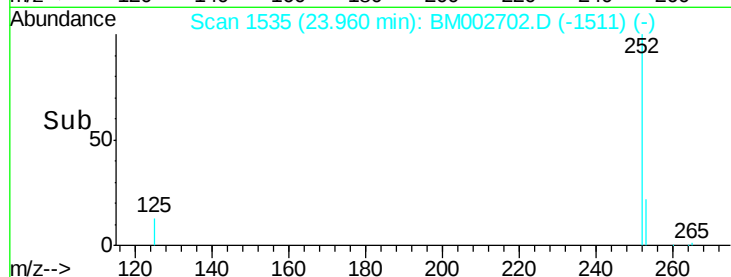
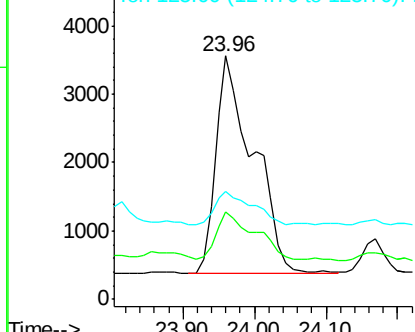
125 44.3 12.2 18.4#



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: 0.06 ng/ul

RT: 24.66 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BM002702.D

Acq: 22 Sep 2015 20:00

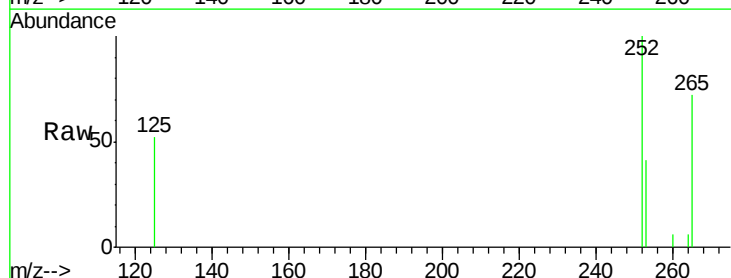
Tgt Ion:252 Resp: 5152

Ion Ratio Lower Upper

252 100

253 41.4 21.8 32.8#

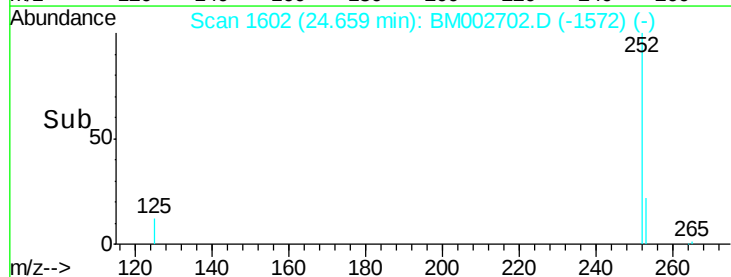
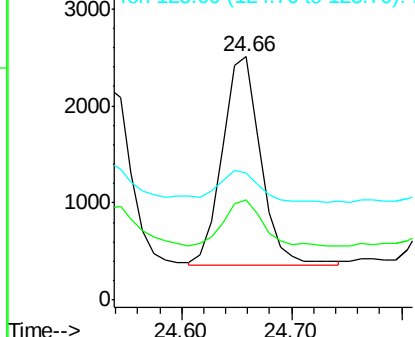
125 52.2 14.5 21.7#

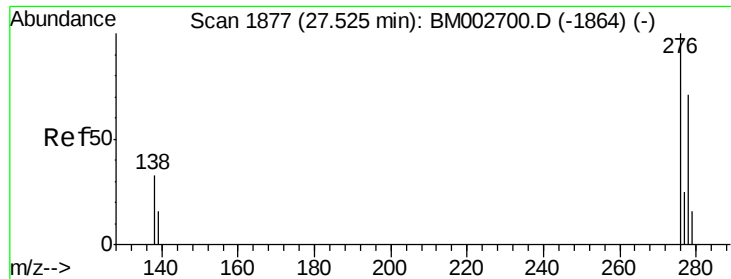


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

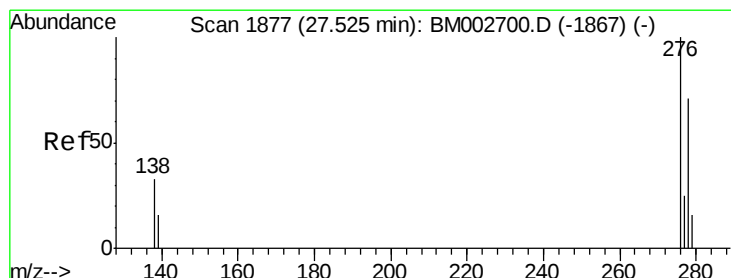
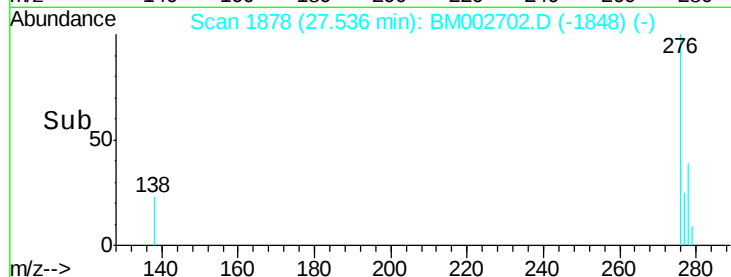
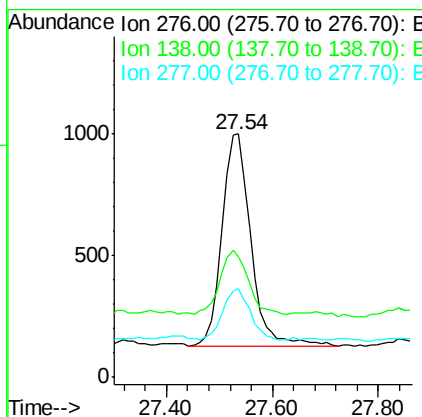
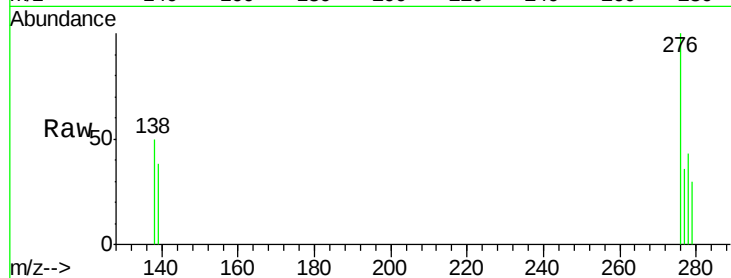




#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.03 ng/ul
 RT: 27.54 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: BM002702.D
 Acq: 22 Sep 2015 20:00

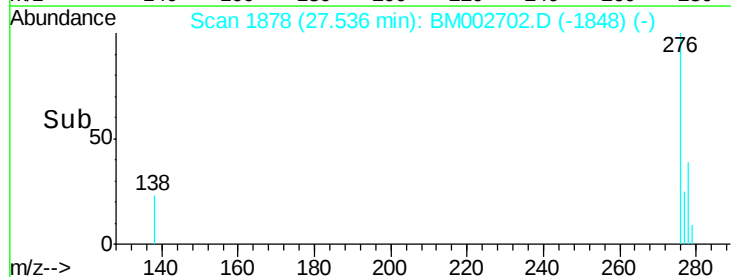
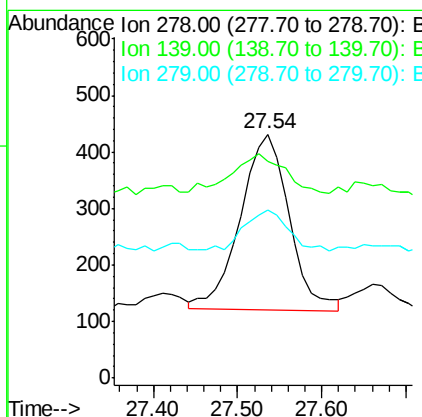
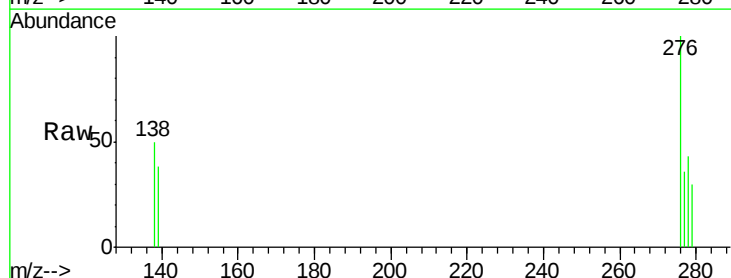
Instrument :
 BNA_M
 ClientSampleId :

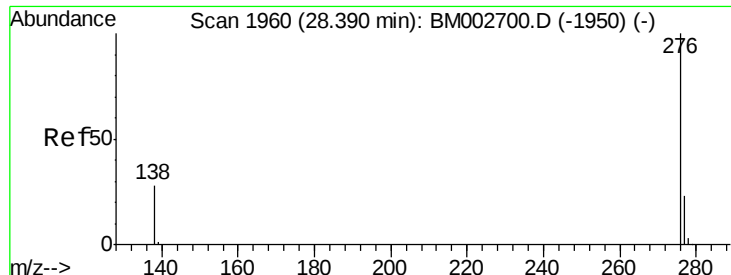
Tot Ion:276 Resp: 3301
 Ion Ratio Lower Upper
 276 100
 138 30.1 27.5 41.3
 277 23.5 19.3 28.9



#27
 Dibenzo(a,h)anthracene
 Concen: 0.01 ng/ul
 RT: 27.54 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: BM002702.D
 Acq: 22 Sep 2015 20:00

Tgt Ion:278 Resp: 1247
 Ion Ratio Lower Upper
 278 100
 139 88.9 21.7 32.5#
 279 68.9 21.9 32.9#





#28

Benzo(a,h,i)perylene

Concen: 0.04 ng/ul

RT: 28.39 min Scan# 1960

Delta R.T. 0.00 min

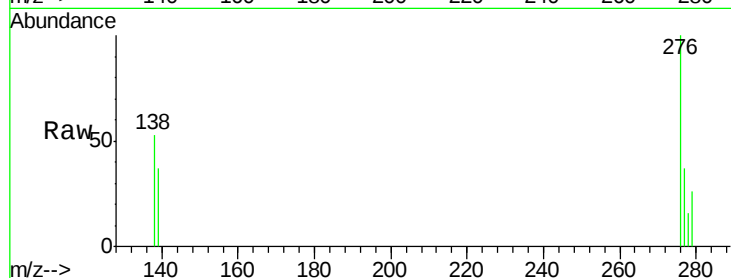
Lab File: BM002702.D

Acq: 22 Sep 2015 20:00

Instrument :

BNA_M

ClientSampleId :



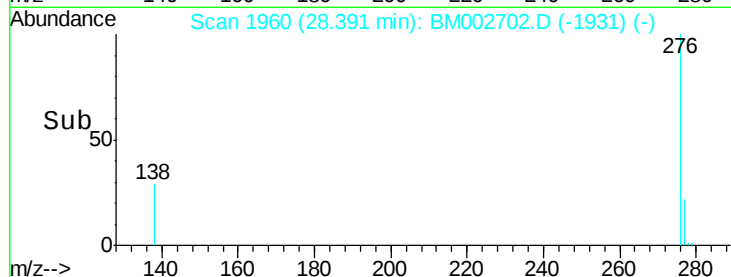
Tot Ion: 276 Resp: 3201

Ion Ratio Lower Upper

276 100

277 36.6 21.3 31.9#

138 53.3 25.5 38.3#



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

