

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092215\
 Data File : BM002701.D
 Acq On : 22 Sep 2015 19:23
 Operator : UM/IZ
 Sample : PB85703BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK03

Quant Time: Sep 23 03:41:52 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

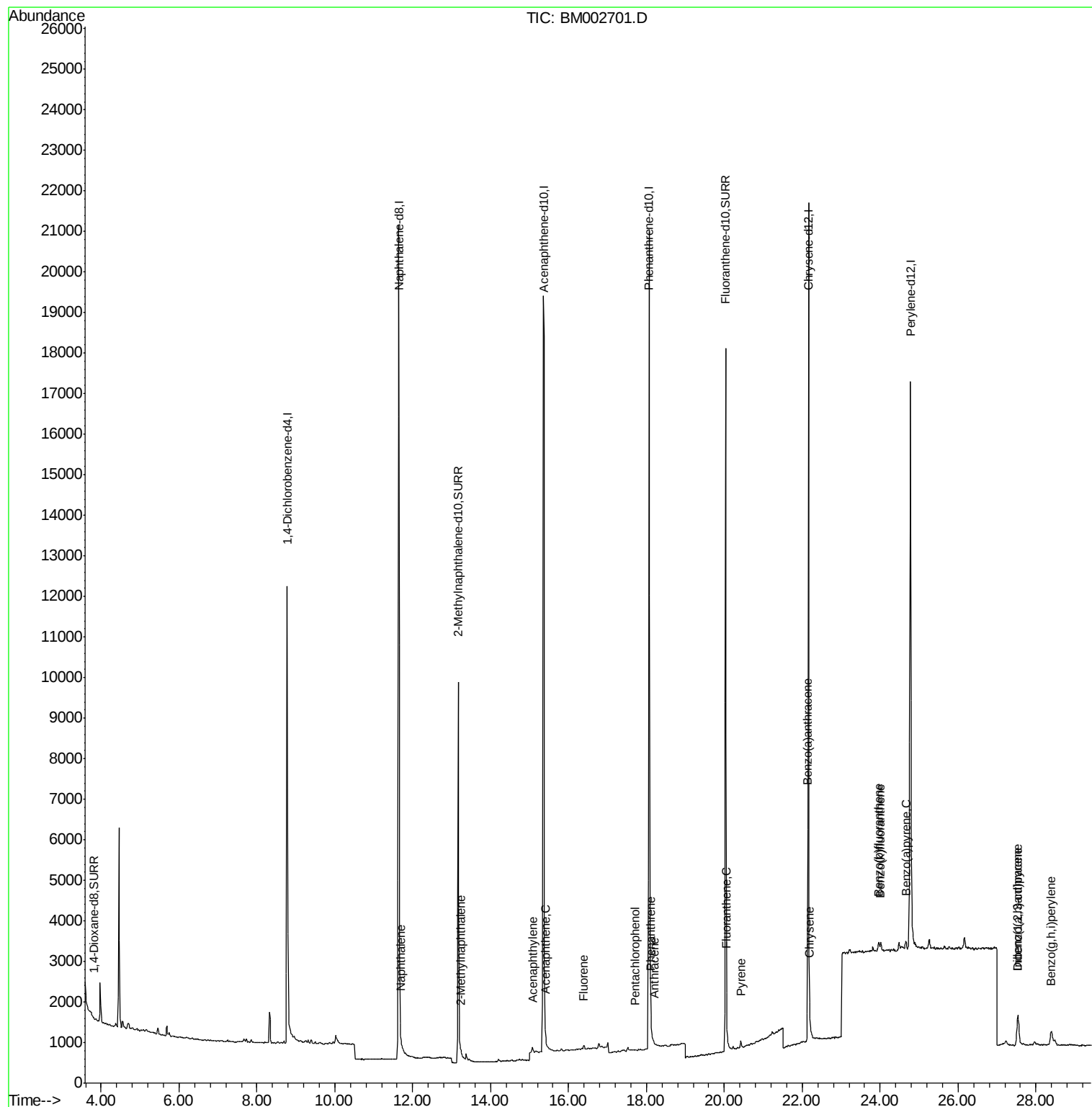
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	8893	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	34211	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	15785	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.06	188	30176	0.40	ng/ul	0.00
18) Chrysene-d12	22.16	240	25051	0.40	ng/ul	0.00
22) Perylene-d12	24.77	264	23870	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.82	96	44	0.00	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.16	152	14784	0.32	ng/ul	0.00
16) Fluoranthene-d10	20.03	212	21595	0.31	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.69	128	139	0.00	ng/ul#	1
7) 2-Methylnaphthalene	13.24	142	2393	0.04	ng/ul#	71
9) Acenaphthylene	15.07	152	218	0.00	ng/ul#	1
10) Acenaphthene	15.42	153	45	0.00	ng/ul#	69
11) Fluorene	16.39	166	137	0.00	ng/ul#	59
13) Pentachlorophenol	17.71	266	15	0.01	ng/ul#	42
14) Phenanthrene	18.11	178	183	0.00	ng/ul#	1
15) Anthracene	18.20	178	53	0.00	ng/ul#	1
17) Fluoranthene	20.06	202	126	0.00	ng/ul#	1
19) Pyrene	20.42	202	198	0.00	ng/ul#	1
20) Benzo(a)anthracene	22.14	228	259	0.00	ng/ul#	7
21) Chrysene	22.19	228	243	0.00	ng/ul#	14
23) Benzo(b)fluoranthene	23.96	252	406	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	24.01	252	403	0.01	ng/ul#	1
25) Benzo(a)pyrene	24.66	252	375	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	27.54	276	1158	0.01	ng/ul	97
27) Dibenzo(a,h)anthracene	27.54	278	798	0.01	ng/ul#	1
28) Benzo(a,h,i)perylene	28.39	276	1013	0.01	ng/ul#	22

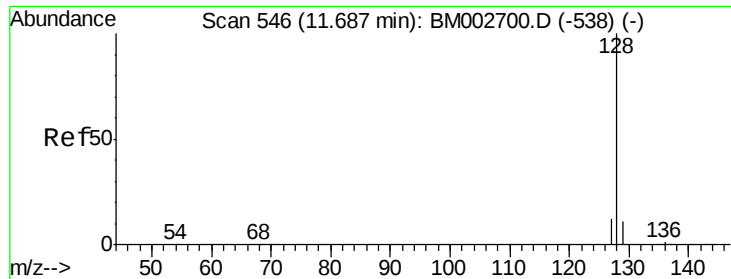
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 23 03:41:52 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM90315.M
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QLast Update : Wed Sep 23 03:40:59 2015
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#5

Naphthalene

Concen: 0.00 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. 0.00 min

Lab File: BM002701.D

Acq: 22 Sep 2015 19:23

Instrument :

BNA_M

ClientSampleId :

SBLK03

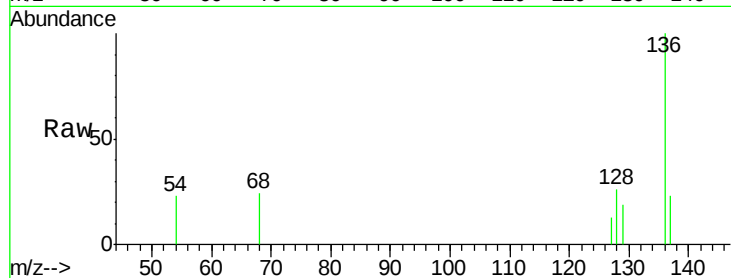
Tot Ion:128 Resp: 139

Ion Ratio Lower Upper

128 100

129 76.2 9.8 14.8#

127 52.3 10.7 16.1#



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

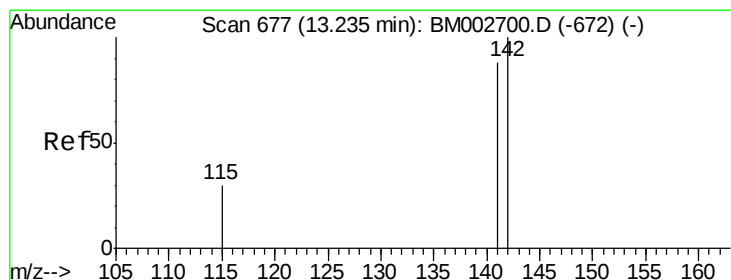
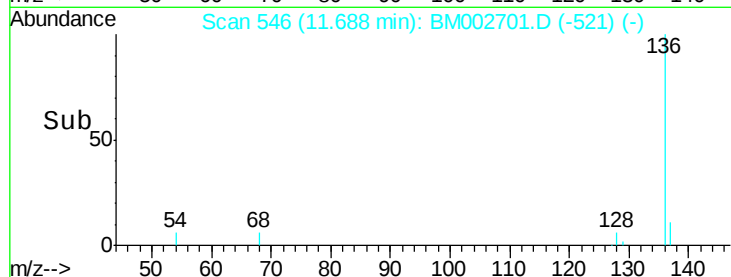
11.69

100

50

0

Time-->



#7

2-Methylnaphthalene

Concen: 0.04 ng/ul

RT: 13.24 min Scan# 677

Delta R.T. 0.00 min

Lab File: BM002701.D

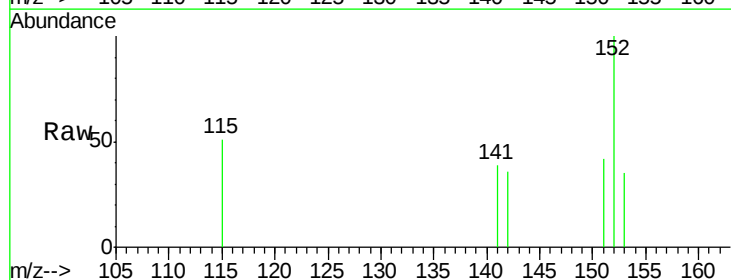
Acq: 22 Sep 2015 19:23

Tgt Ion:142 Resp: 2393

Ion Ratio Lower Upper

142 100

141 114.9 70.3 105.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

13.24

100

80

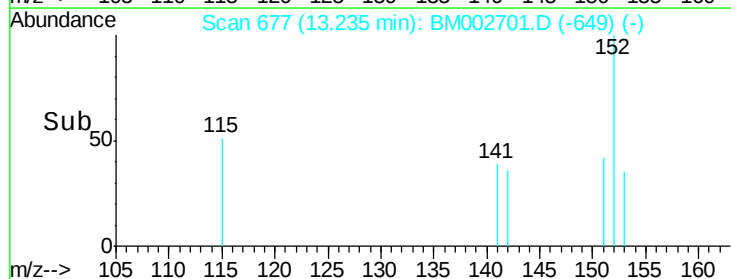
60

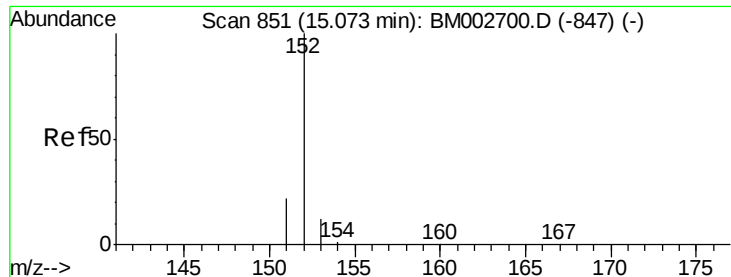
40

20

0

Time-->





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 15.07 min Scan# 851

Delta R.T. 0.00 min

Lab File: BM002701.D

Acq: 22 Sep 2015 19:23

Instrument :

BNA_M

ClientSampleId :

SBLK03

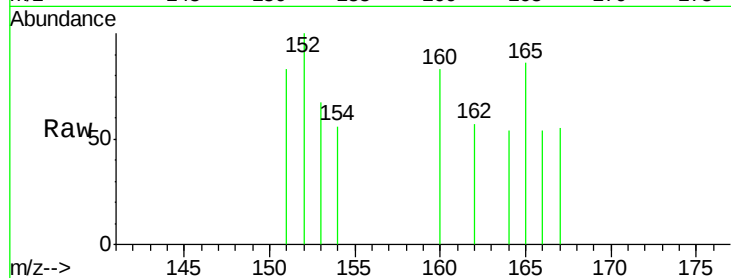
Tot Ion:152 Resp: 218

Ion Ratio Lower Upper

152 100

151 83.3 16.8 25.2#

153 67.5 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

15.07

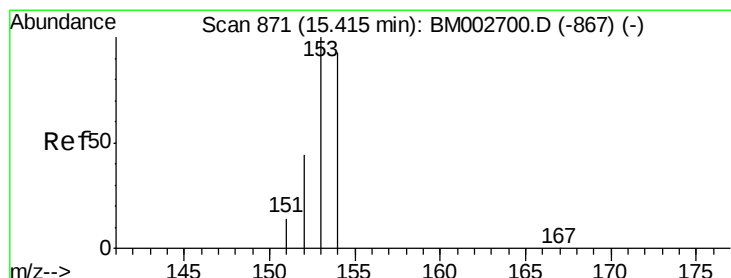
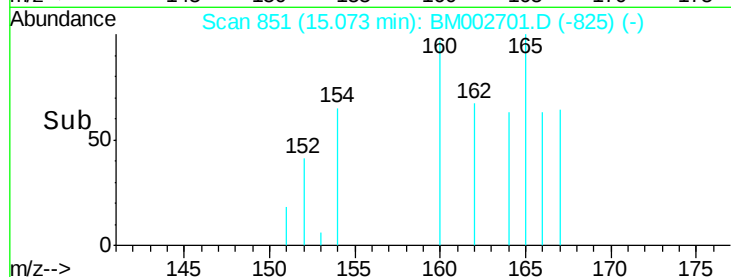
100

50

0

Time-->

15.00 15.20



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 15.42 min Scan# 871

Delta R.T. 0.00 min

Lab File: BM002701.D

Acq: 22 Sep 2015 19:23

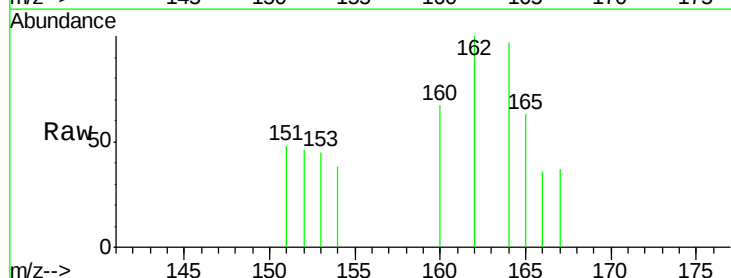
Tgt Ion:153 Resp: 45

Ion Ratio Lower Upper

153 100

152 103.5 42.3 63.5#

154 84.9 64.7 97.1



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

15.42

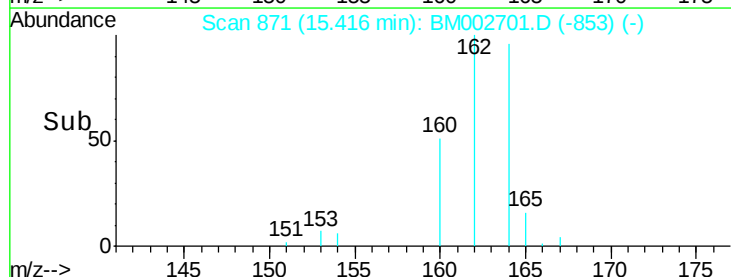
100

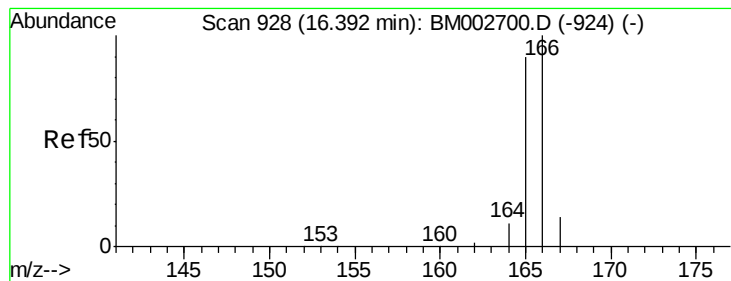
50

0

Time-->

15.30 15.40 15.50





#11

Fluorene

Concen: 0.00 ng/ul

RT: 16.39 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM002701.D

Acq: 22 Sep 2015 19:23

Instrument :

BNA_M

ClientSampleId :

SBLK03

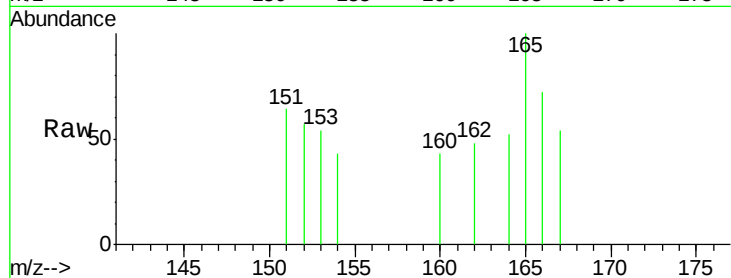
Tot Ion:166 Resp: 137

Ion Ratio Lower Upper

166 100

165 138.3 87.6 131.4#

167 74.8 11.1 16.7#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

16.39

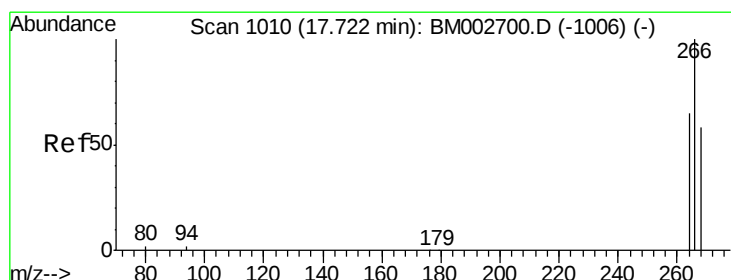
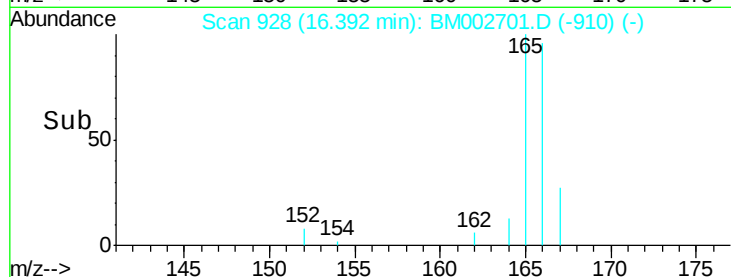
150

100

50

0

Time--> 16.20 16.30 16.40 16.50



#13

Pentachlorophenol

Concen: 0.01 ng/ul

RT: 17.71 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BM002701.D

Acq: 22 Sep 2015 19:23

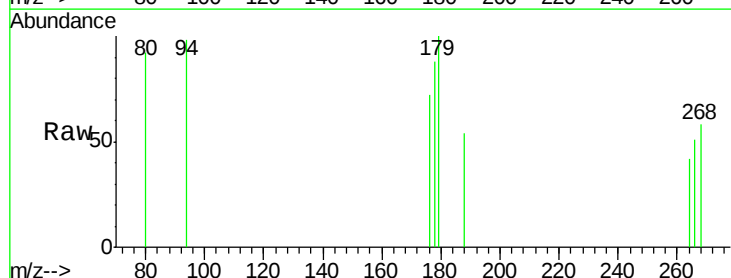
Tgt Ion:266 Resp: 15

Ion Ratio Lower Upper

266 100

264 0.0 53.5 80.3#

268 93.3 54.2 81.2#



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

17.71

100

80

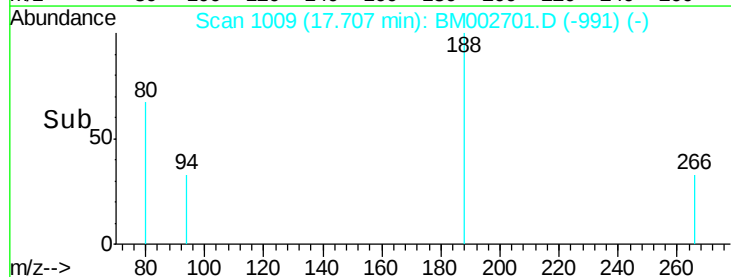
60

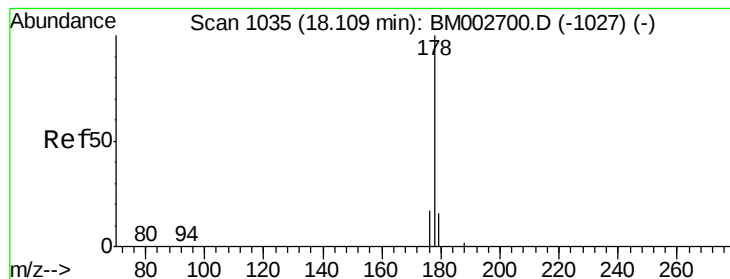
40

20

0

Time--> 17.65 17.70 17.75





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 18.11 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BM002701.D

Acq: 22 Sep 2015 19:23

Instrument :

BNA_M

ClientSampleId :

SBLK03

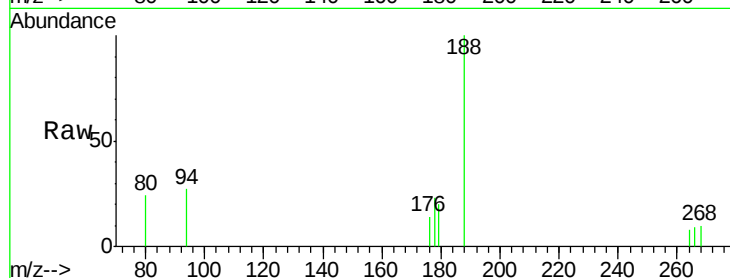
Tot Ion:178 Resp: 183

Ion Ratio Lower Upper

178 100

176 62.0 16.2 24.4#

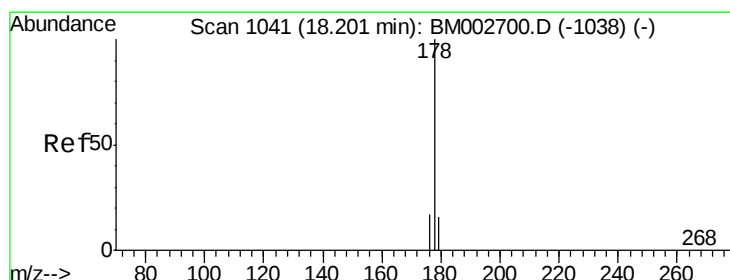
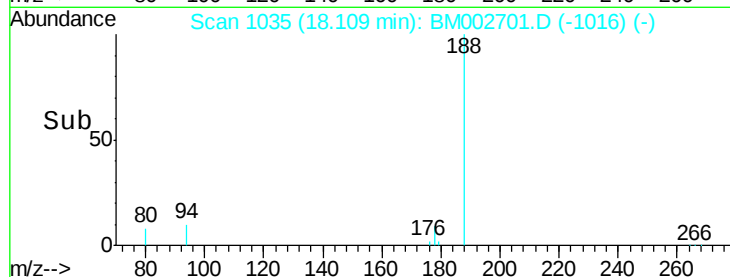
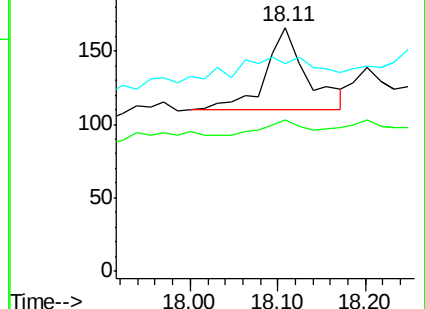
179 84.9 12.8 19.2#



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: 0.00 ng/ul

RT: 18.20 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BM002701.D

Acq: 22 Sep 2015 19:23

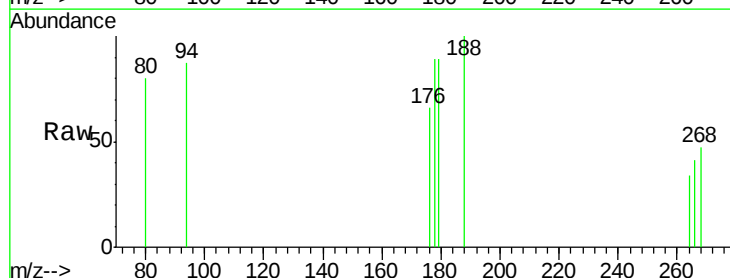
Tgt Ion:178 Resp: 53

Ion Ratio Lower Upper

178 100

176 74.1 15.8 23.8#

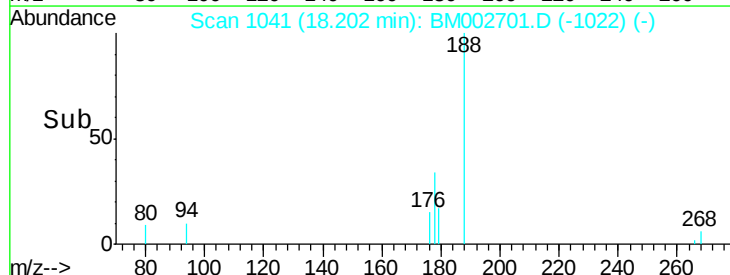
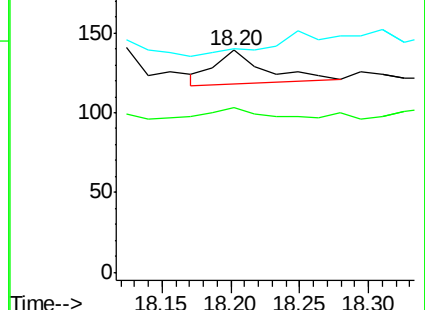
179 100.7 13.3 19.9#

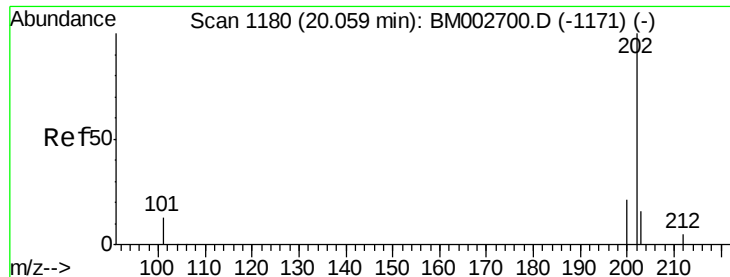


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#17

Fluoranthene

Concen: 0.00 ng/ul

RT: 20.06 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BM002701.D

Acq: 22 Sep 2015 19:23

Instrument :

BNA_M

ClientSampleId :

SBLK03

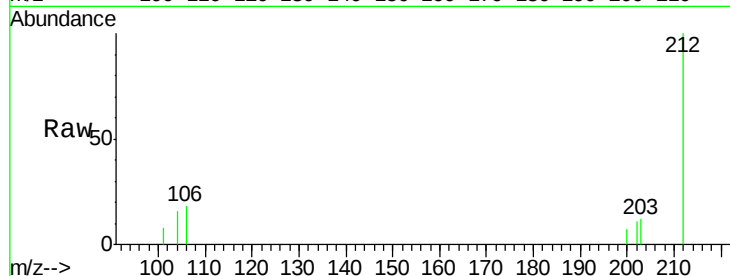
Tot Ion:202 Resp: 126

Ion Ratio Lower Upper

202 100

101 70.2 0.0 33.1#

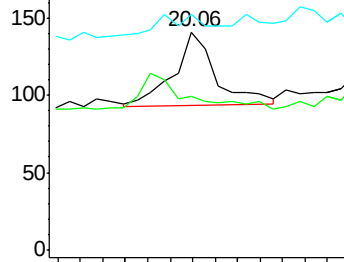
203 107.8 0.0 37.2#



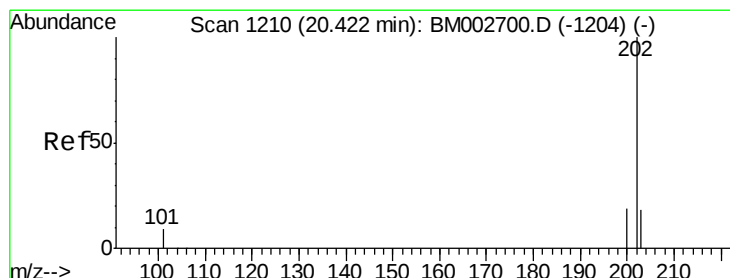
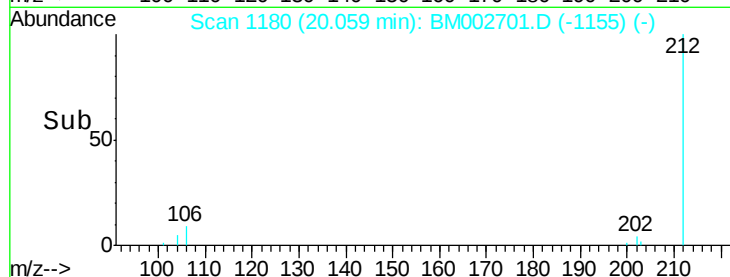
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#19

Pyrene

Concen: 0.00 ng/ul

RT: 20.42 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BM002701.D

Acq: 22 Sep 2015 19:23

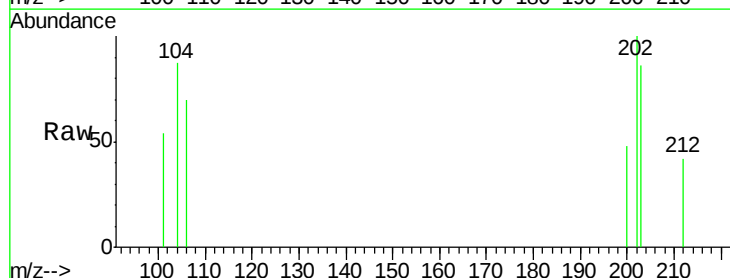
Tgt Ion:202 Resp: 198

Ion Ratio Lower Upper

202 100

200 47.9 18.0 27.0#

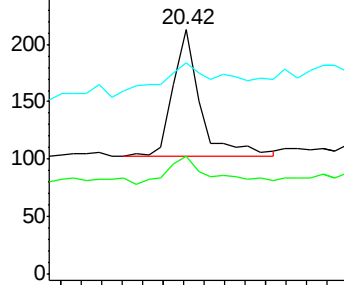
203 86.4 13.8 20.6#



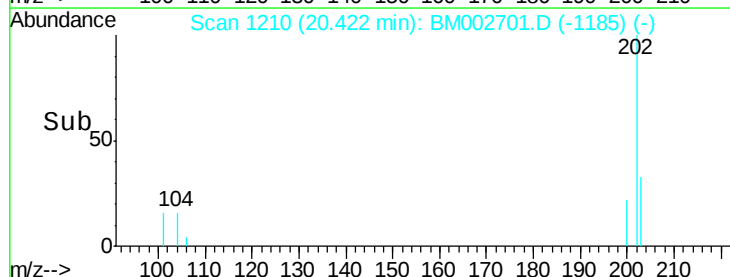
Abundance Ion 202.00 (201.70 to 202.70): E

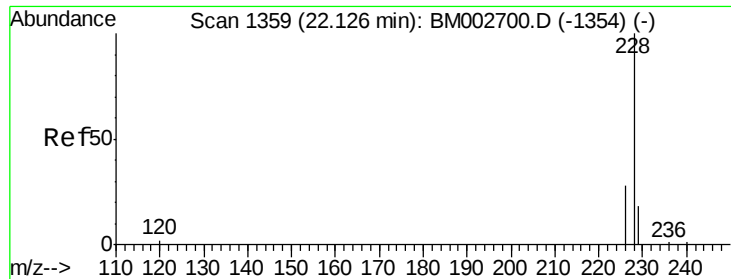
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 22.14 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BM002701.D

Acq: 22 Sep 2015 19:23

Instrument :

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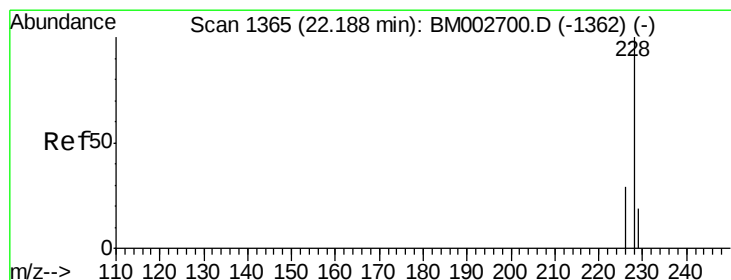
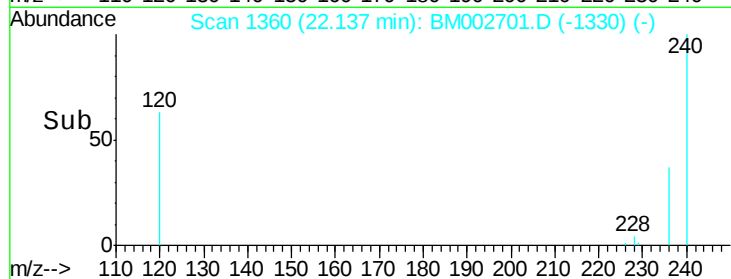
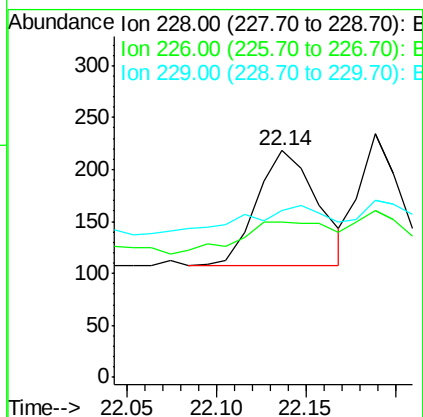
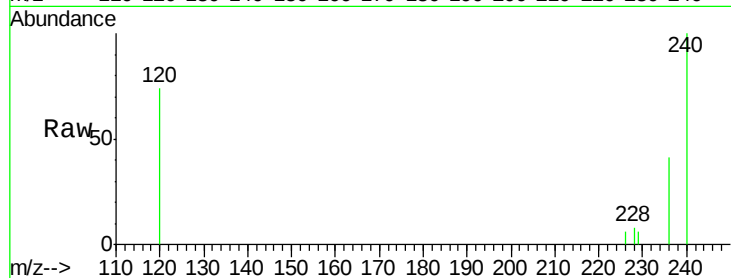
Tot Ion:228 Resp: 259

Ion Ratio Lower Upper

228 100

226 68.3 23.0 34.4#

229 73.4 15.2 22.8#



#21

Chrysene

Concen: 0.00 ng/ul

RT: 22.19 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BM002701.D

Acq: 22 Sep 2015 19:23

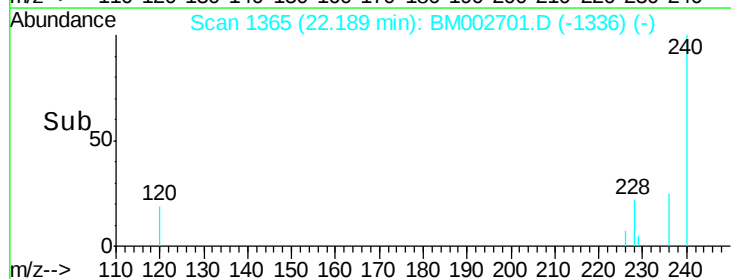
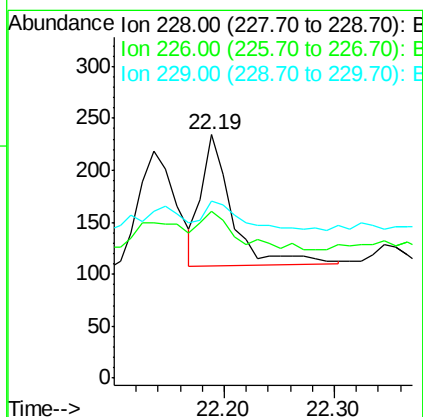
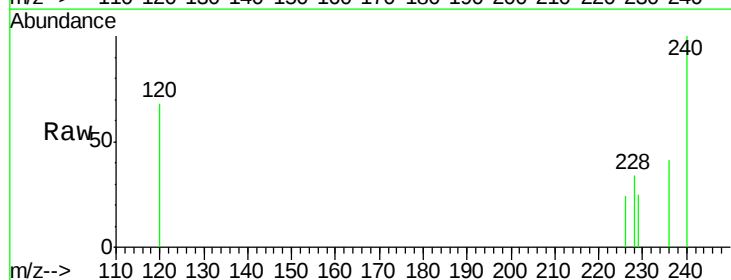
Tgt Ion:228 Resp: 243

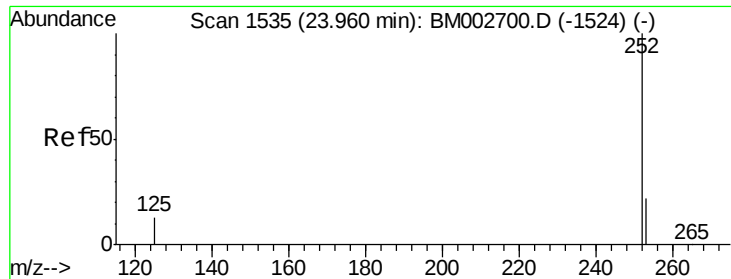
Ion Ratio Lower Upper

228 100

226 68.8 25.7 38.5#

229 73.1 15.2 22.8#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 23.96 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BM002701.D

Acq: 22 Sep 2015 19:23

Instrument :

BNA_M

ClientSampleId :

SBLK03

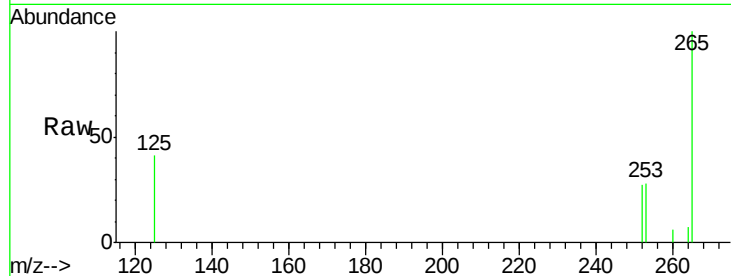
Tot Ion:252 Resp: 406

Ion Ratio Lower Upper

252 100

253 104.2 0.0 48.0#

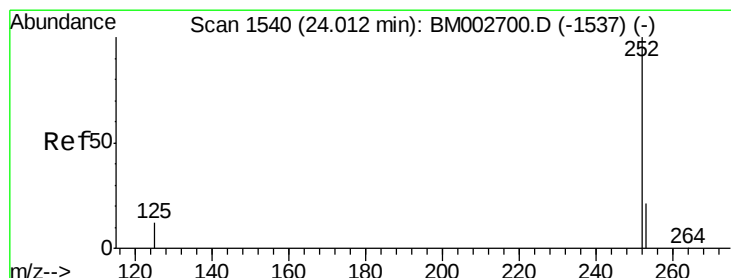
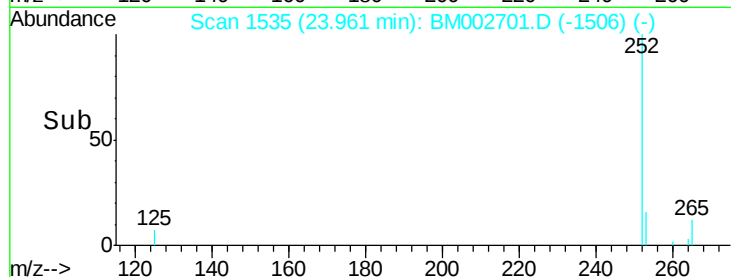
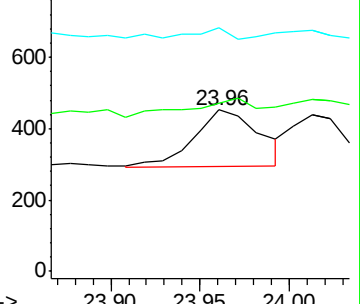
125 150.6 0.0 36.6#



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: 0.01 ng/u1

RT: 24.01 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BM002701.D

Acq: 22 Sep 2015 19:23

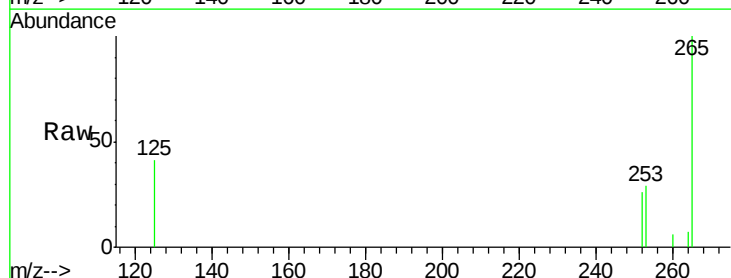
Tgt Ion:252 Resp: 403

Ion Ratio Lower Upper

252 100

253 109.8 20.8 31.2#

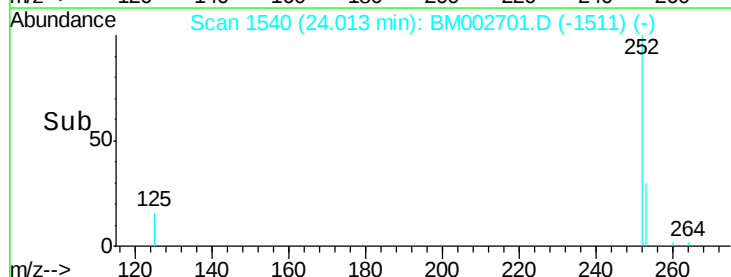
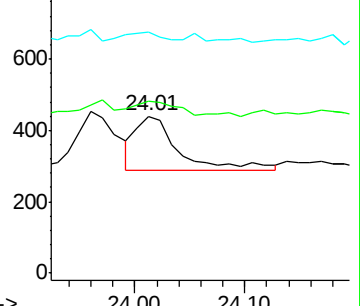
125 154.2 12.2 18.4#

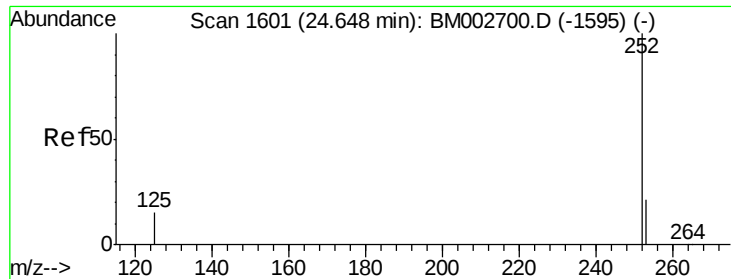


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 24.66 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BM002701.D

Acq: 22 Sep 2015 19:23

Instrument :

BNA_M

ClientSampleId :

SBLK03

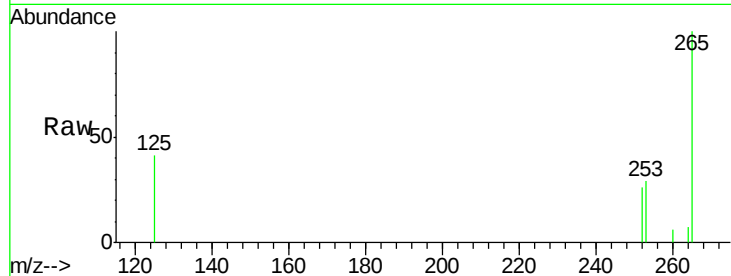
Tot Ion:252 Resp: 375

Ion Ratio Lower Upper

252 100

253 111.7 21.8 32.8#

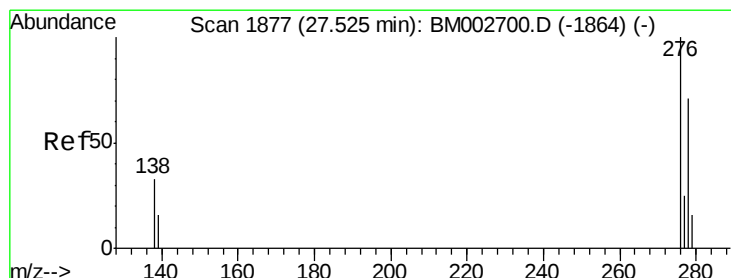
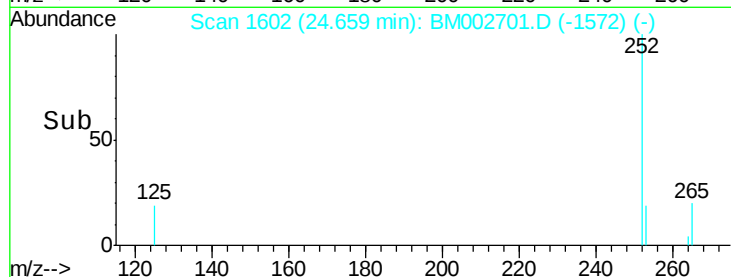
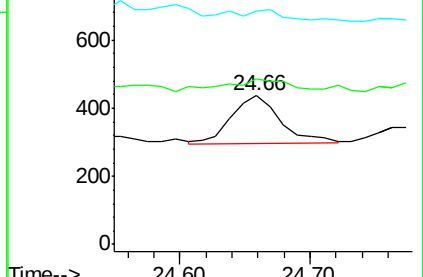
125 156.9 14.5 21.7#



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: 0.01 ng/ul

RT: 27.54 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BM002701.D

Acq: 22 Sep 2015 19:23

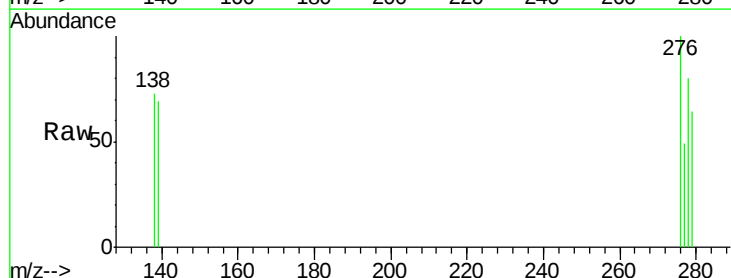
Tgt Ion:276 Resp: 1158

Ion Ratio Lower Upper

276 100

138 32.6 27.5 41.3

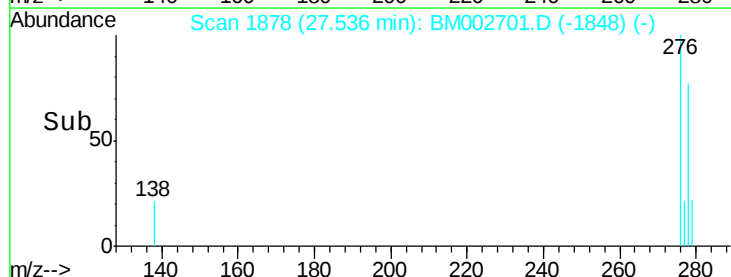
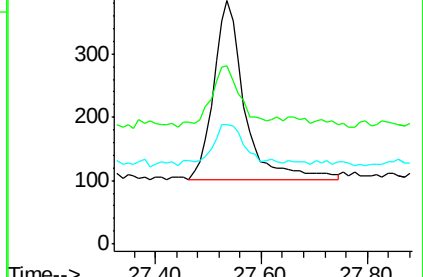
277 25.6 19.3 28.9

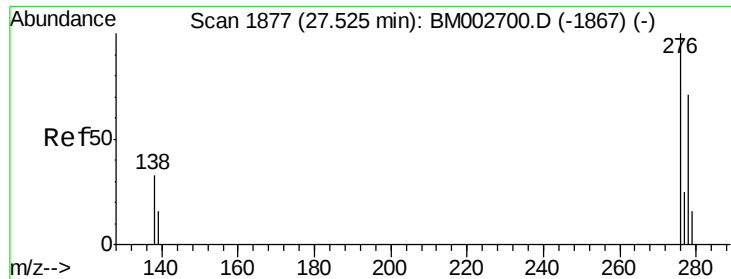


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

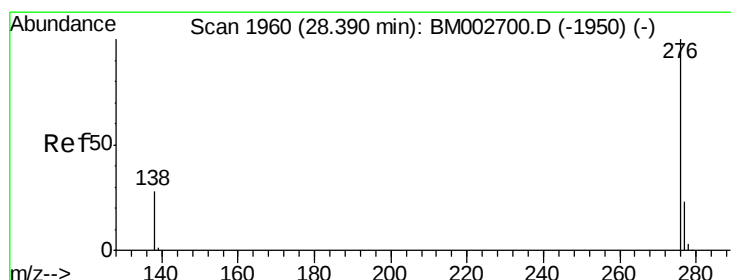
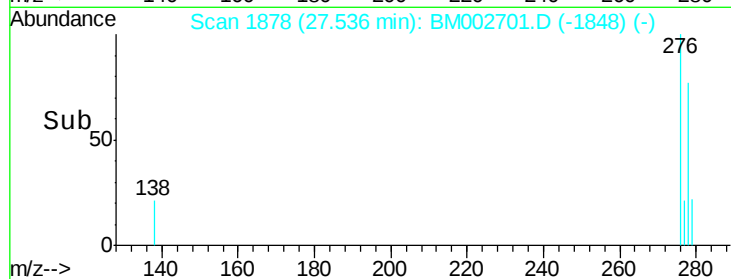
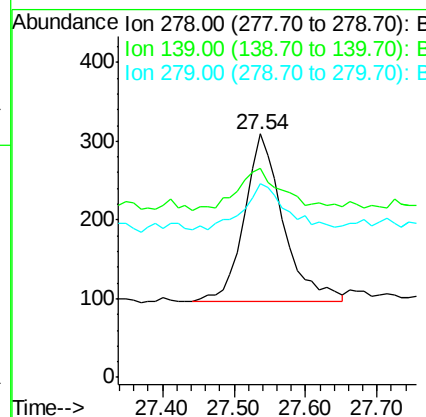
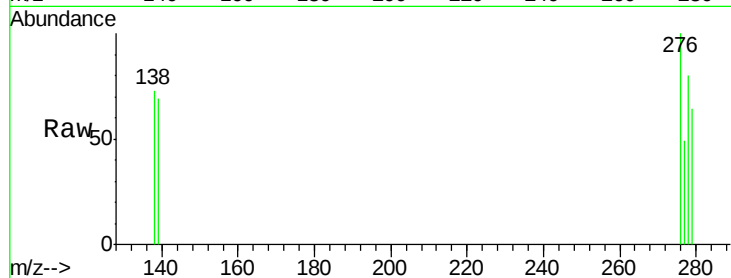




#27
Dibenzo(a,h)anthracene
Concen: 0.01 ng/ul
RT: 27.54 min Scan# 1878
Delta R.T. 0.01 min
Lab File: BM002701.D
Acq: 22 Sep 2015 19:23

Instrument :
BNA_M
ClientSampleId :
SBLK03

Tot Ion:278 Resp: 798
Ion Ratio Lower Upper
278 100
139 86.1 21.7 32.5#
279 79.6 21.9 32.9#



#28
Benzo(g,h,i)perylene
Concen: 0.01 ng/ul
RT: 28.39 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BM002701.D
Acq: 22 Sep 2015 19:23

Tgt Ion:276 Resp: 1013
Ion Ratio Lower Upper
276 100
277 57.4 21.3 31.9#
138 83.7 25.5 38.3#

