

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
 Data File : BM003261.D
 Acq On : 21 Nov 2015 22:53
 Operator : UM/IZ
 Sample : PB86665BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK65

Quant Time: Nov 22 04:46:47 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 : Sun Nov 22 04:42:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	14523	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	56798	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	30552	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	3841882	0.40	ng/ul	0.10
18) Chrysene-d12	21.33	240	59774	0.40	ng/ul	0.00
22) Perylene-d12	23.44	264	4312874	0.40	ng/ul	-0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.20	96	82671	5.33	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	22010	0.29	ng/ul	0.00
16) Fluoranthene-d10	19.16	212	44282	0.00	ng/ul	0.00

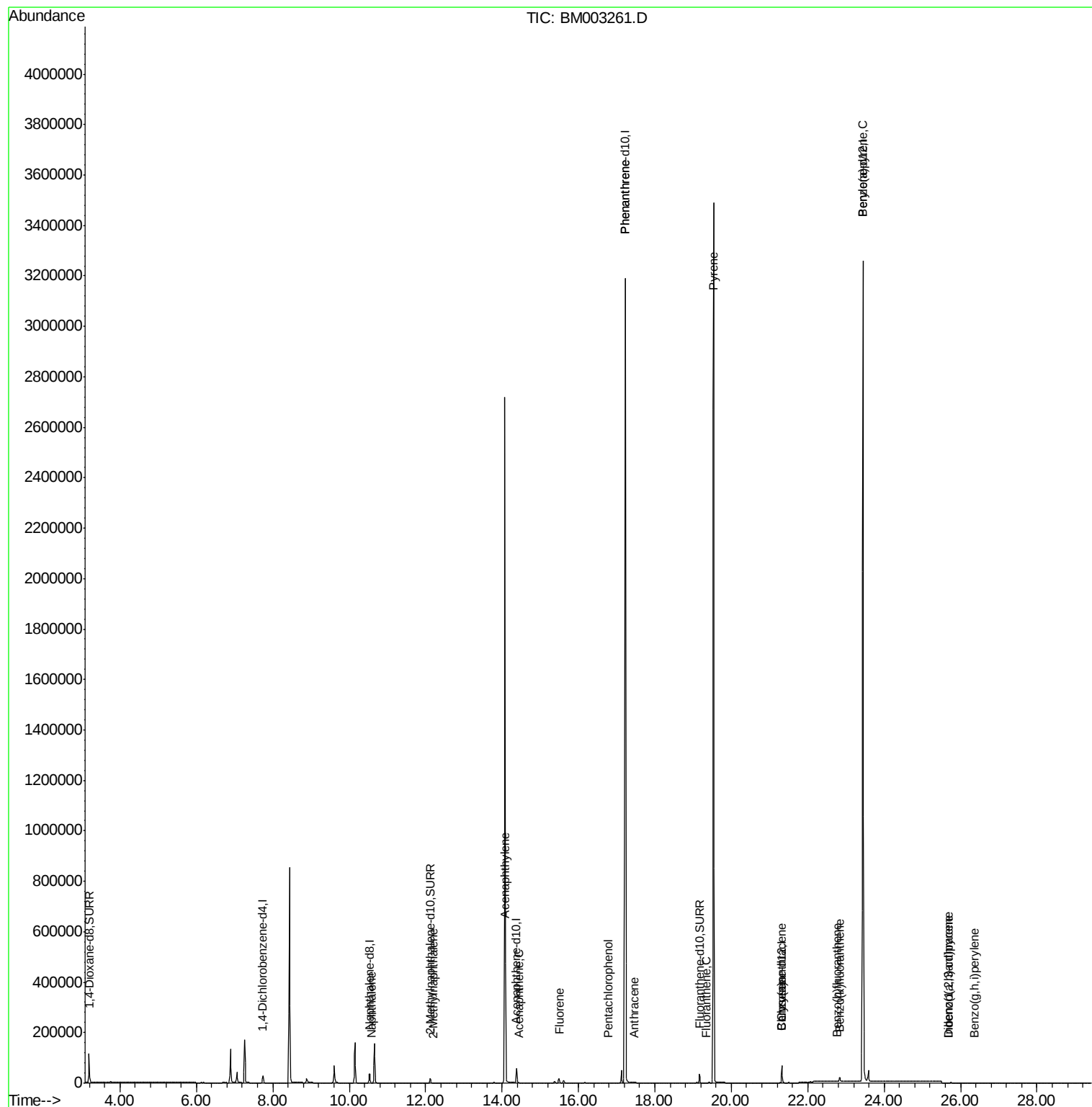
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	10.57	128	150	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.19	142	52	0.00	ng/ul#	100
9) Acenaphthylene	14.09	152	1040	0.01	ng/ul#	34
10) Acenaphthene	14.43	153	216	0.00	ng/ul#	67
11) Fluorene	15.49	166	311	0.00	ng/ul#	1
13) Pentachlorophenol	16.78	266	678	0.00	ng/ul	94
14) Phenanthrene	17.23	178	2257	0.00	ng/ul#	1
15) Anthracene	17.45	178	71	0.00	ng/ul#	1
17) Fluoranthene	19.34	202	414	0.00	ng/ul#	1
19) Pyrene	19.53	202	6857	0.03	ng/ul#	1
20) Benzo(a)anthracene	21.32	228	874	0.01	ng/ul#	1
21) Chrysene	21.32	228	778	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	22.78	252	46	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.84	252	152	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.44	252	16849	0.00	ng/ul#	69
26) Indeno(1,2,3-cd)pyrene	25.68	276	29	0.00	ng/ul#	39
27) Dibenzo(a,h)anthracene	25.68	278	116	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.37	276	81	0.00	ng/ul#	1

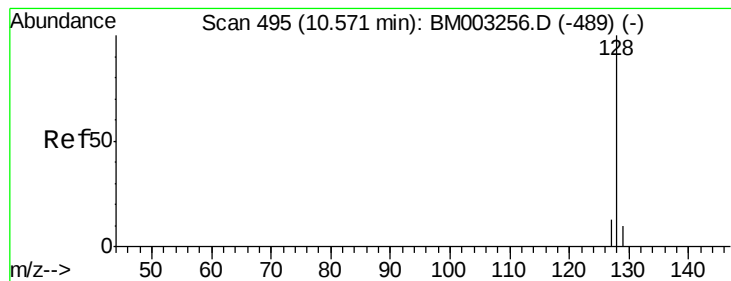
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
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#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.57 min Scan# 495

Delta R.T. -0.00 min

Lab File: BM003261.D

Acq: 21 Nov 2015 22:53

Instrument :

BNA_M

ClientSampleId :

SBLK65

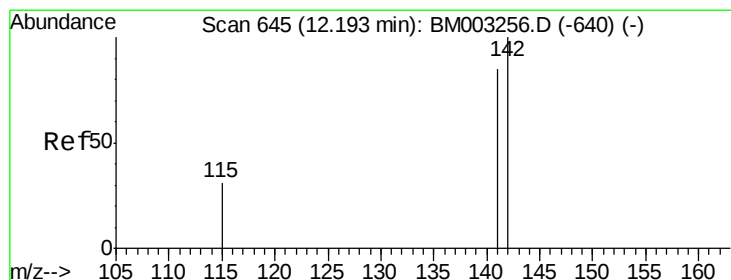
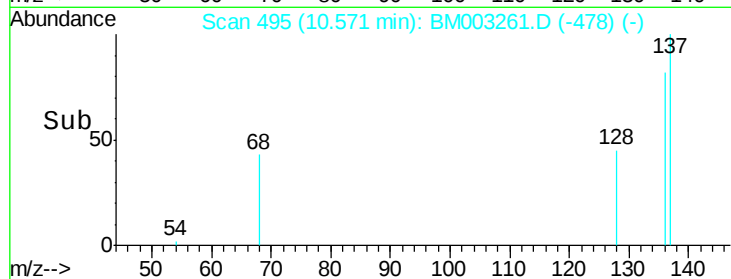
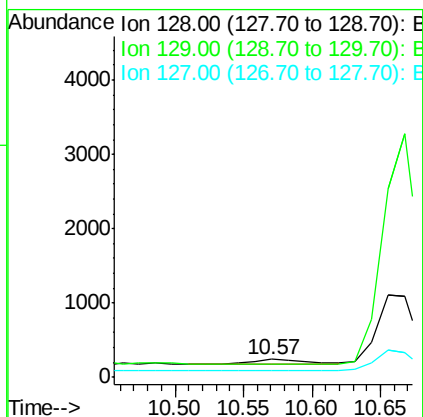
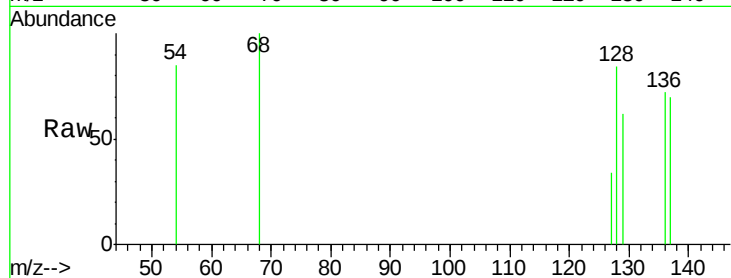
Tgt Ion:128 Resp: 150

Ion Ratio Lower Upper

128 100

129 74.0 9.0 13.6#

127 40.5 9.6 14.4#



#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.19 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM003261.D

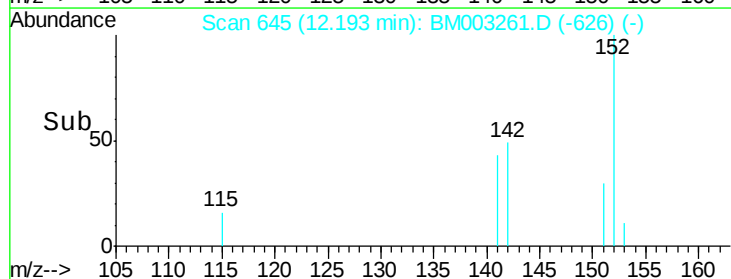
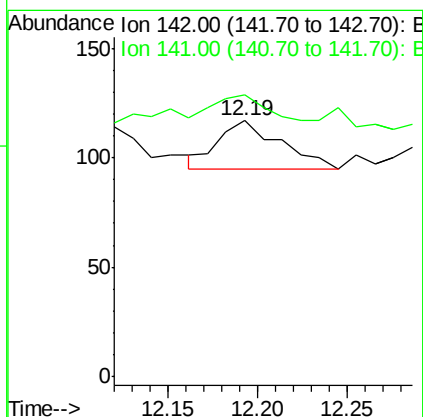
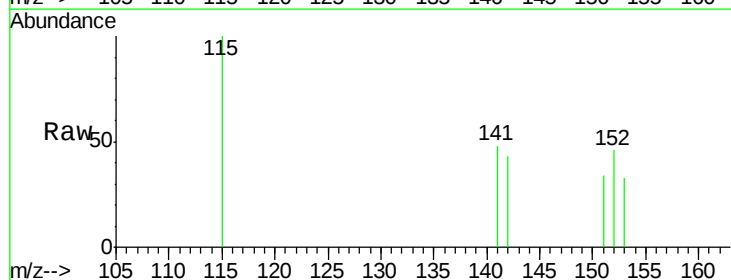
Acq: 21 Nov 2015 22:53

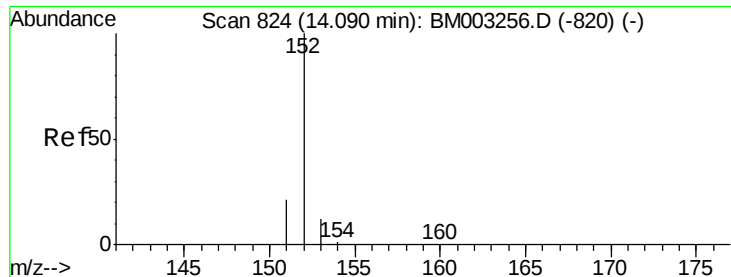
Tgt Ion:142 Resp: 52

Ion Ratio Lower Upper

142 100

141 128.8 0.0 0.0#





#9

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM003261.D

Acq: 21 Nov 2015 22:53

Instrument :

BNA_M

ClientSampleId :

SBLK65

Tgt Ion:152 Resp: 1040

Ion Ratio Lower Upper

152 100

151 43.5 17.6 26.4#

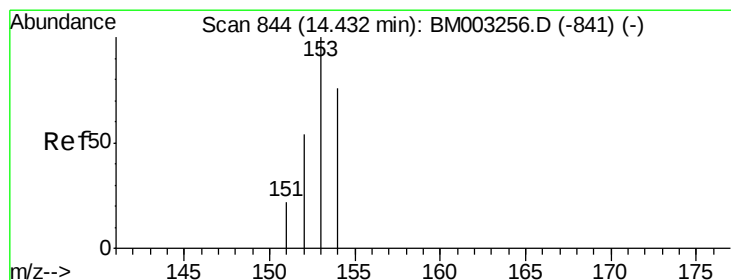
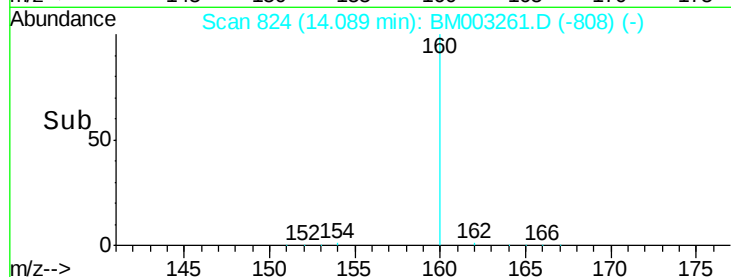
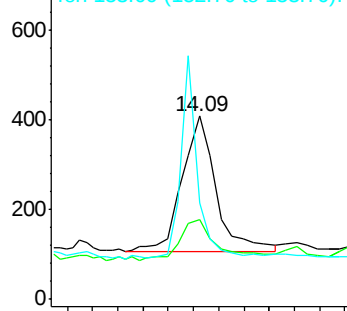
153 52.6 9.7 14.5#



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: 0.00 ng/ul

RT: 14.43 min Scan# 844

Delta R.T. -0.00 min

Lab File: BM003261.D

Acq: 21 Nov 2015 22:53

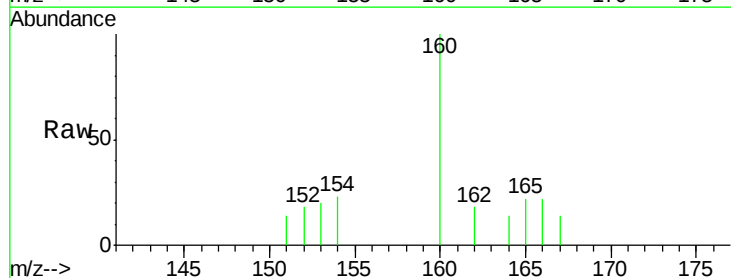
Tgt Ion:153 Resp: 216

Ion Ratio Lower Upper

153 100

152 89.2 33.9 50.9#

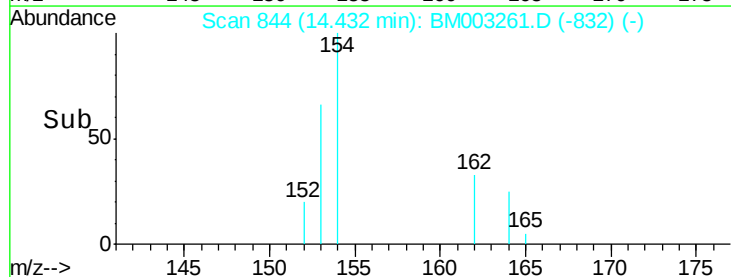
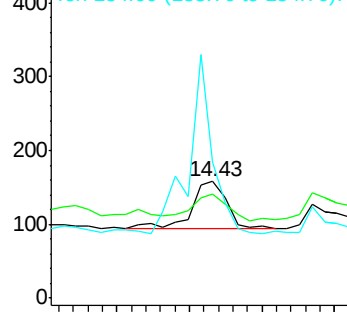
154 117.1 80.6 121.0

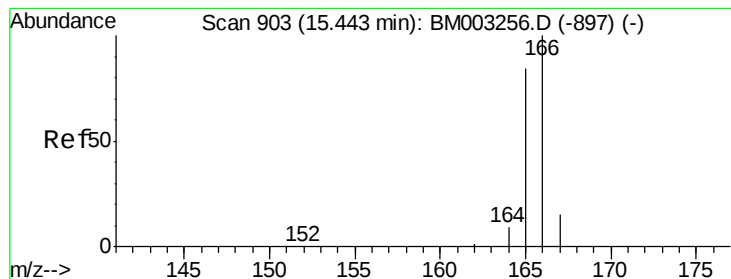


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.00 ng/ul

RT: 15.49 min Scan# 906

Delta R.T. 0.05 min

Lab File: BM003261.D

Acq: 21 Nov 2015 22:53

Instrument :

BNA_M

ClientSampleId :

SBLK65

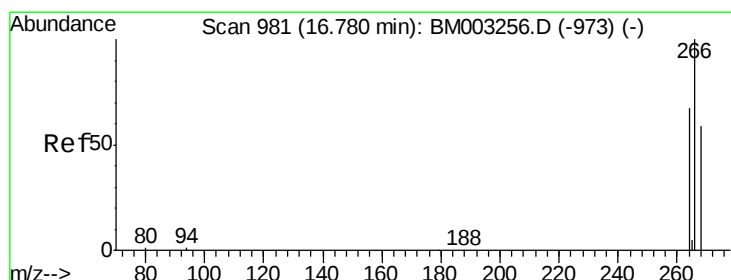
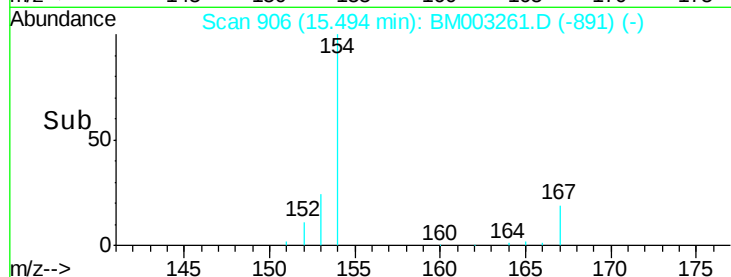
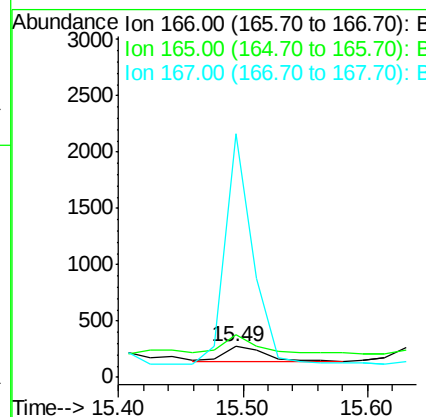
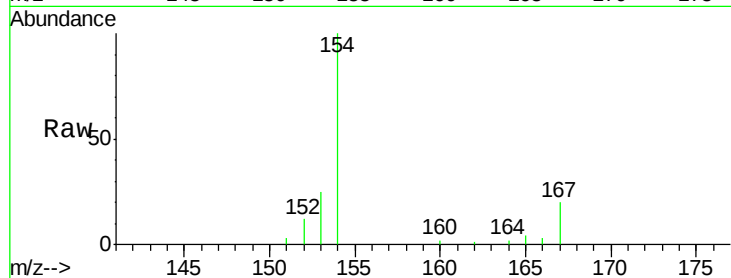
Tgt Ion:166 Resp: 311

Ion Ratio Lower Upper

166 100

165 138.9 69.6 104.4#

167 786.2 11.9 17.9#



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.78 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM003261.D

Acq: 21 Nov 2015 22:53

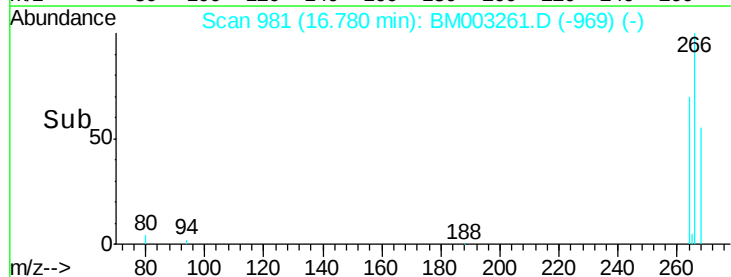
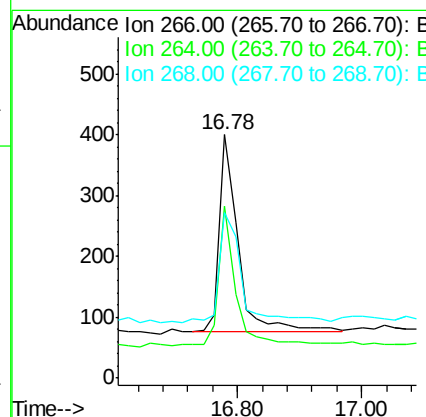
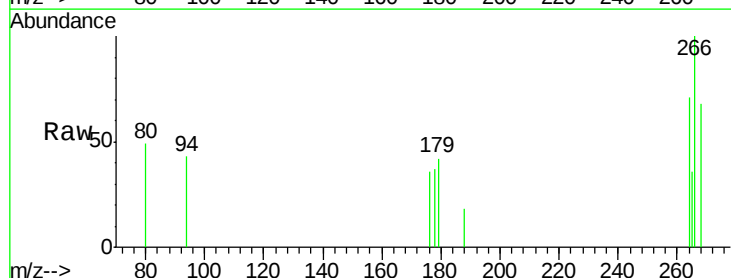
Tgt Ion:266 Resp: 678

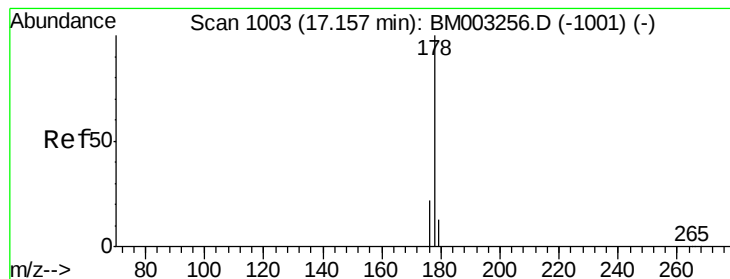
Ion Ratio Lower Upper

266 100

264 63.0 51.8 77.8

268 65.9 46.8 70.2





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.23 min Scan# 1007

Delta R.T. 0.07 min

Lab File: BM003261.D

Acq: 21 Nov 2015 22:53

Instrument :

BNA_M

ClientSampleId :

SBLK65

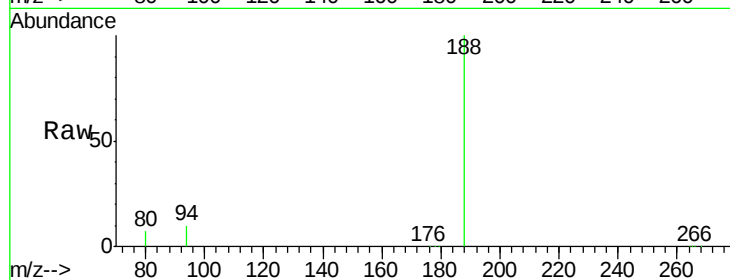
Tgt Ion:178 Resp: 2257

Ion Ratio Lower Upper

178 100

176 13.5 13.0 19.4

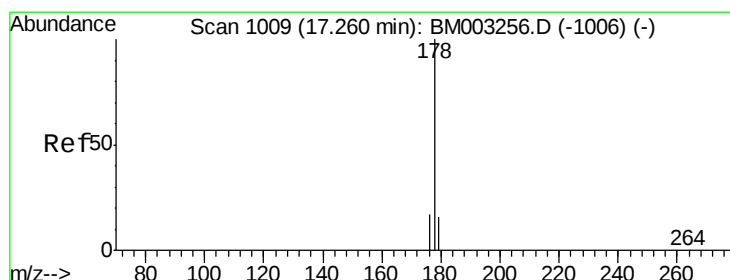
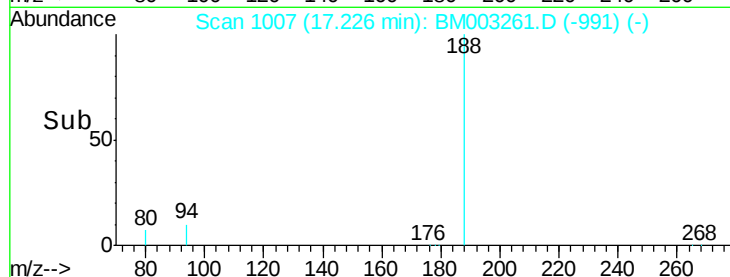
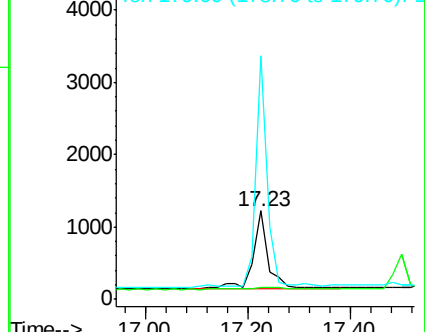
179 275.3 14.2 21.2#



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: 17.45 min Scan# 1020

Delta R.T. 0.19 min

Lab File: BM003261.D

Acq: 21 Nov 2015 22:53

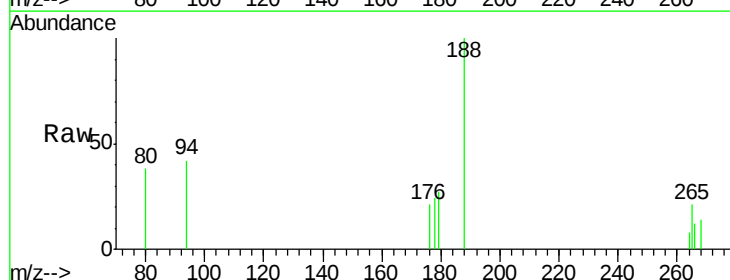
Tgt Ion:178 Resp: 71

Ion Ratio Lower Upper

178 100

176 85.5 14.0 21.0#

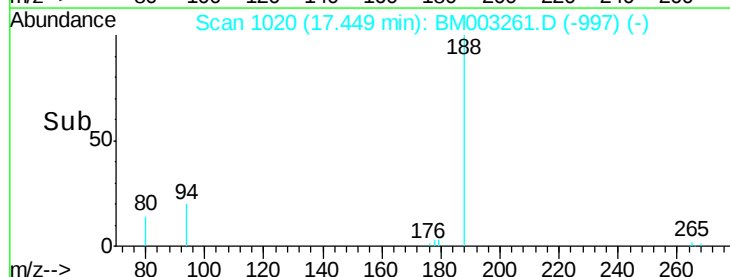
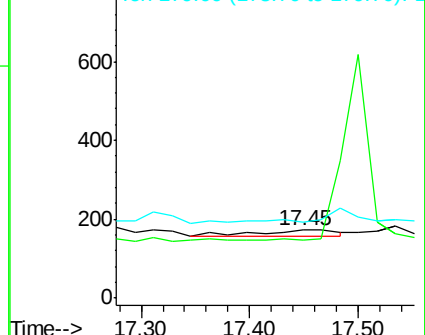
179 112.2 12.9 19.3#

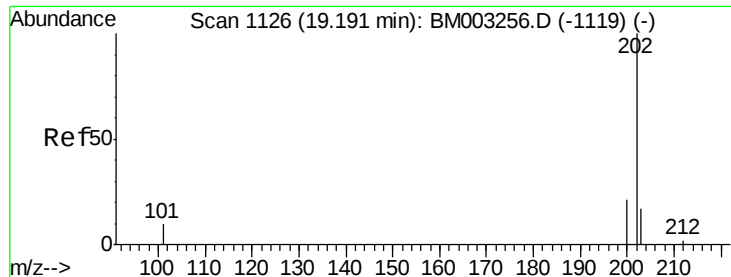


Abundance Ion 178.00 (177.70 to 178.70): E

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: 19.34 min Scan# 1138

Delta R.T. 0.15 min

Lab File: BM003261.D

Acq: 21 Nov 2015 22:53

Instrument :

BNA_M

ClientSampleId :

SBLK65

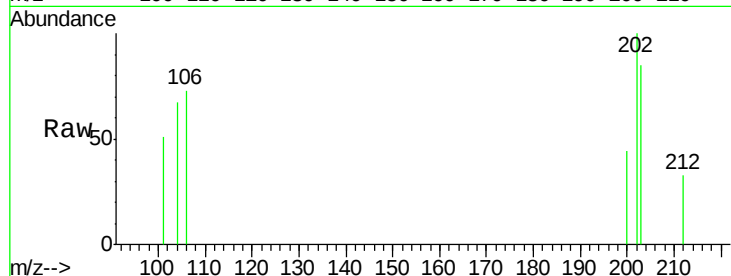
Tgt Ion:202 Resp: 414

Ion Ratio Lower Upper

202 100

101 51.5 0.0 29.6#

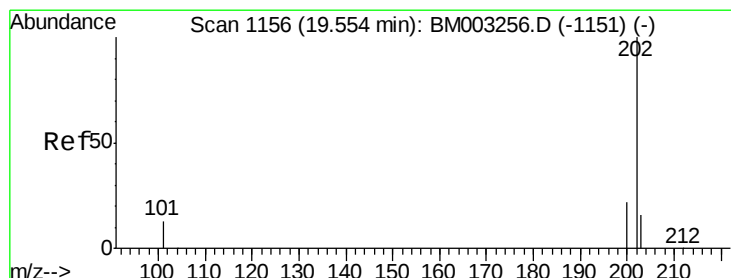
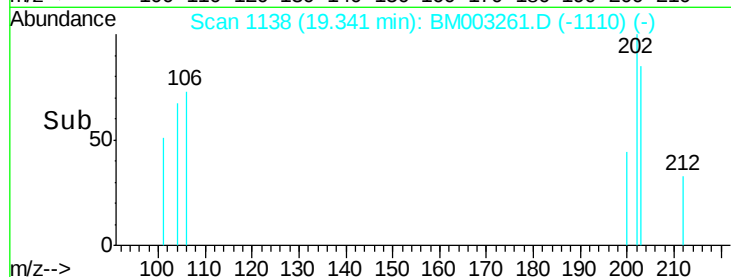
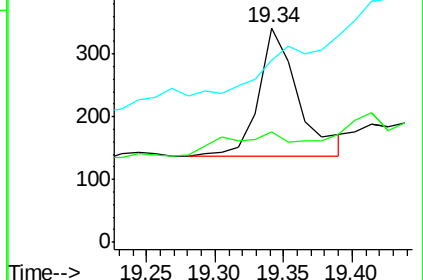
203 85.1 0.0 36.3#



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

Pyrene

Concen: 0.03 ng/ul

RT: 19.53 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BM003261.D

Acq: 21 Nov 2015 22:53

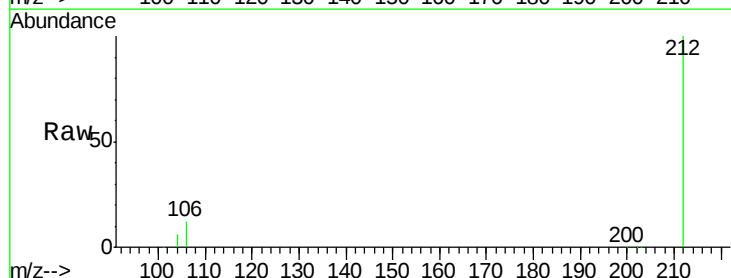
Tgt Ion:202 Resp: 6857

Ion Ratio Lower Upper

202 100

200 5.4 17.8 26.8#

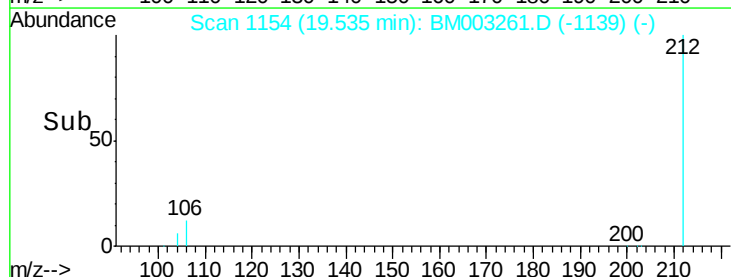
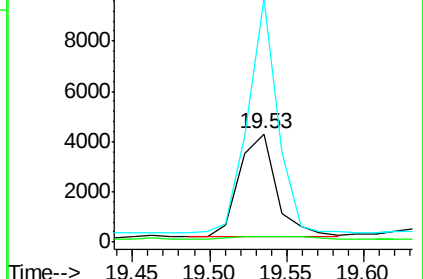
203 225.2 12.8 19.2#

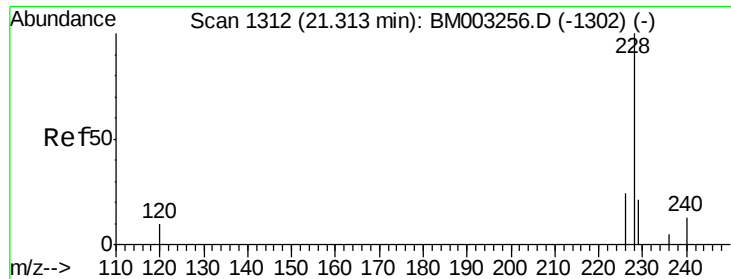


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.32 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BM003261.D

Acq: 21 Nov 2015 22:53

Instrument :

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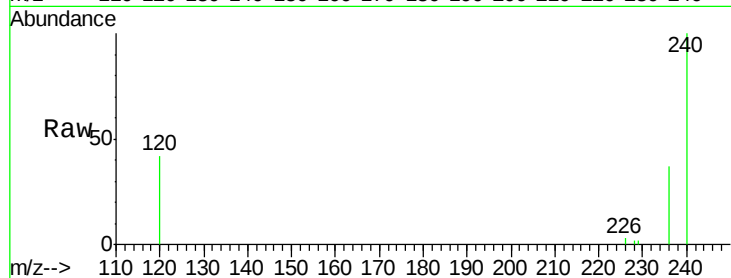
Tgt Ion:228 Resp: 874

Ion Ratio Lower Upper

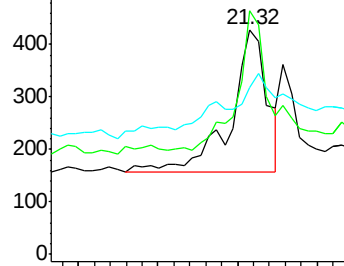
228 100

226 108.4 18.8 28.2#

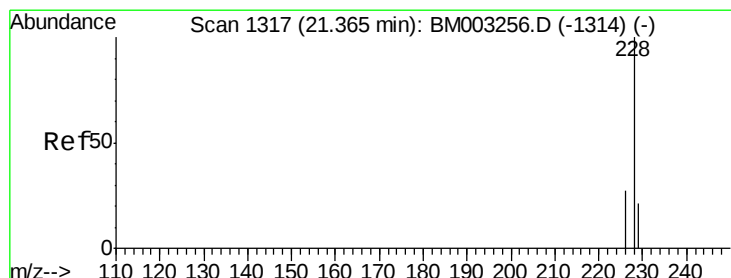
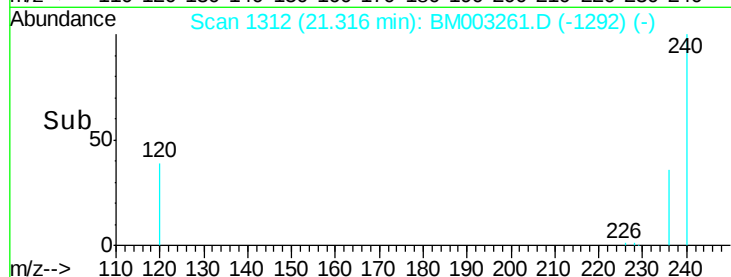
229 74.5 17.1 25.7#



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



Time-->



#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.32 min Scan# 1312

Delta R.T. -0.05 min

Lab File: BM003261.D

Acq: 21 Nov 2015 22:53

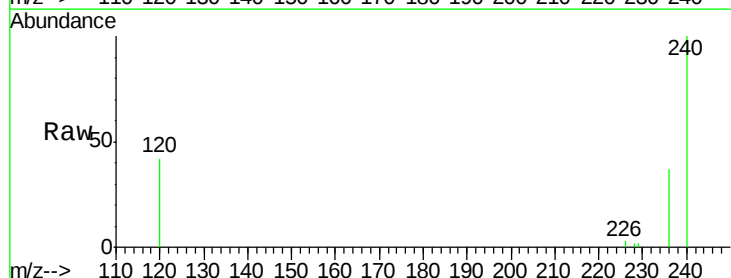
Tgt Ion:228 Resp: 778

Ion Ratio Lower Upper

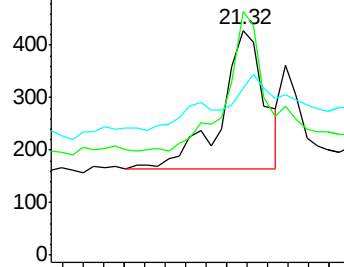
228 100

226 108.4 21.2 31.8#

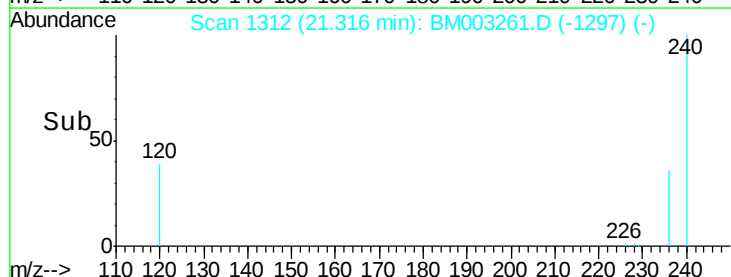
229 74.5 17.0 25.6#

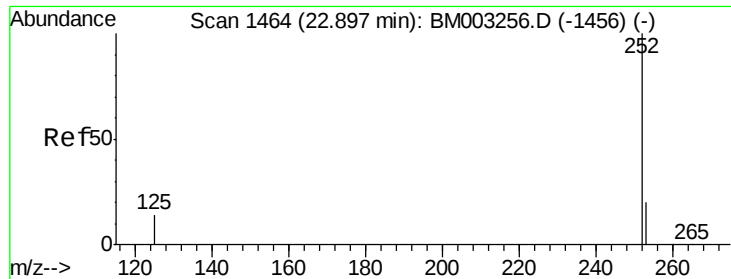


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.78 min Scan# 1452

Delta R.T. -0.12 min

Lab File: BM003261.D

Acq: 21 Nov 2015 22:53

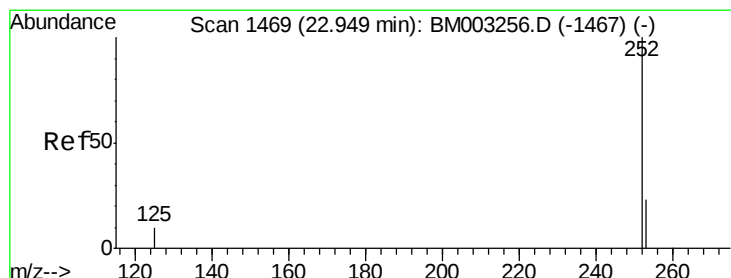
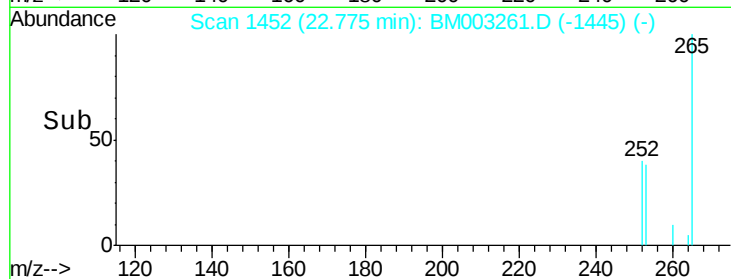
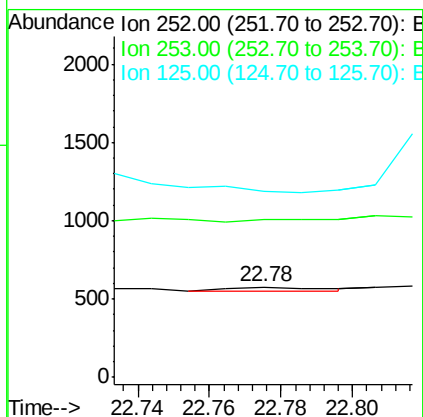
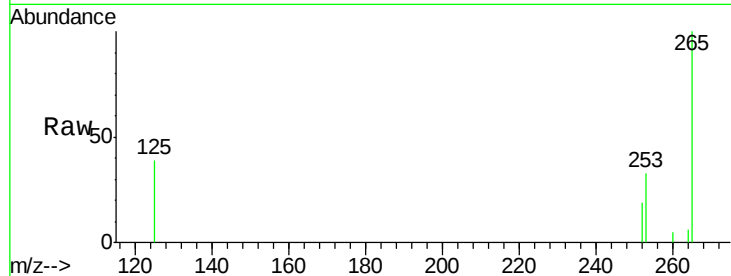
Instrument :

BNA_M

ClientSampleId :

SBLK65

Tgt Ion:	252	Resp:	46
Ion	Ratio	Lower	Upper
252	100		
253	174.9	0.0	45.4#
125	205.2	0.0	28.8#



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

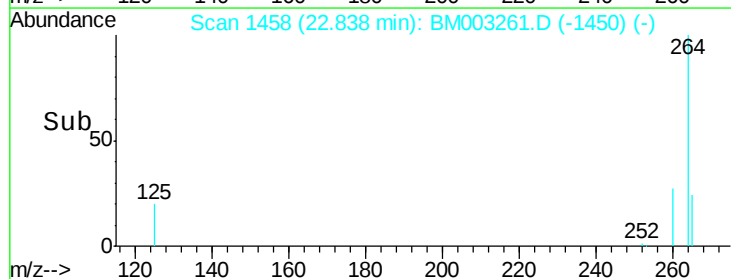
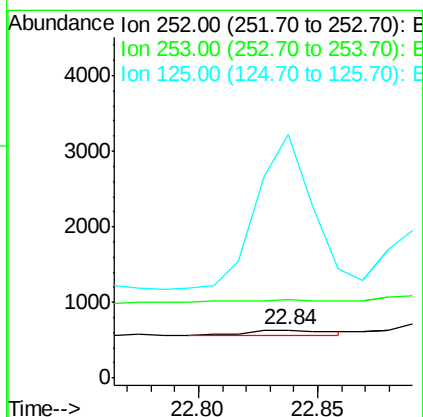
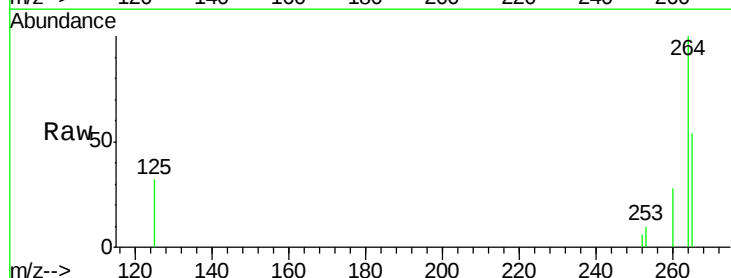
RT: 22.84 min Scan# 1458

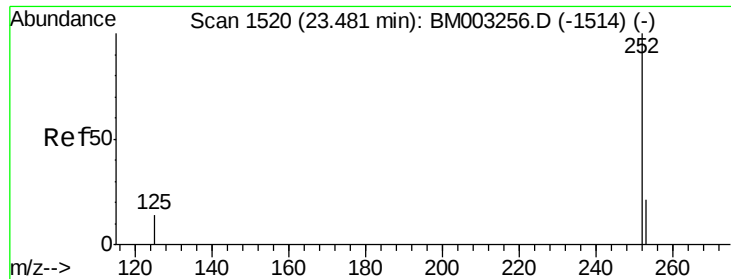
Delta R.T. -0.11 min

Lab File: BM003261.D

Acq: 21 Nov 2015 22:53

Tgt Ion:	252	Resp:	152
Ion	Ratio	Lower	Upper
252	100		
253	161.9	19.8	29.8#
125	505.5	10.4	15.6#





#25

Benzo(a)pyrene

Concen: 0.00 ng/u1

RT: 23.44 min Scan# 1516

Delta R.T. -0.04 min

Lab File: BM003261.D

Acq: 21 Nov 2015 22:53

Instrument :

BNA_M

ClientSampleId :

SBLK65

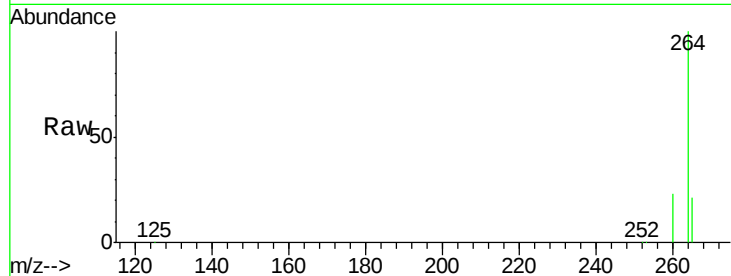
Tgt Ion:252 Resp: 16849

Ion Ratio Lower Upper

252 100

253 35.5 19.4 29.2#

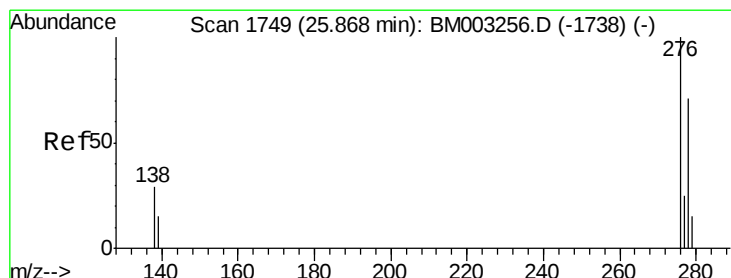
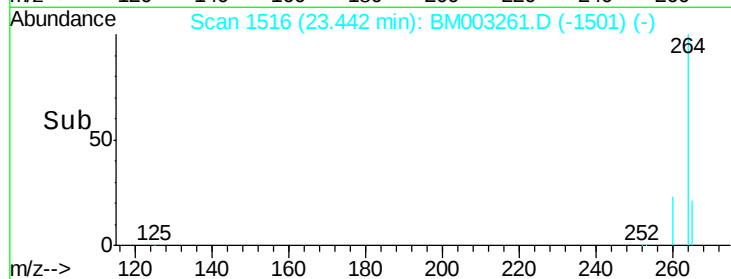
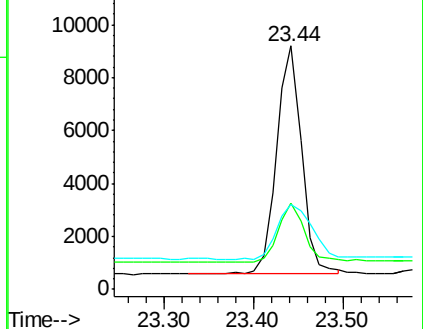
125 34.7 12.7 19.1#



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: 0.00 ng/u1

RT: 25.68 min Scan# 1731

Delta R.T. -0.18 min

Lab File: BM003261.D

Acq: 21 Nov 2015 22:53

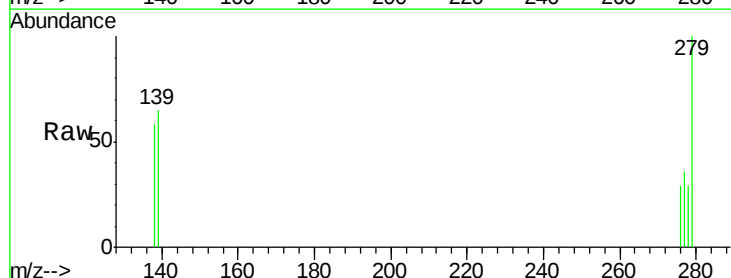
Tgt Ion:276 Resp: 29

Ion Ratio Lower Upper

276 100

138 0.0 16.3 24.5#

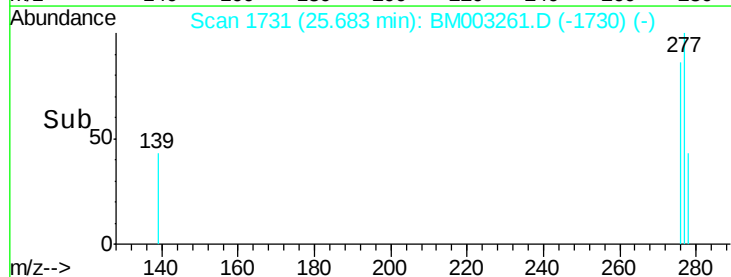
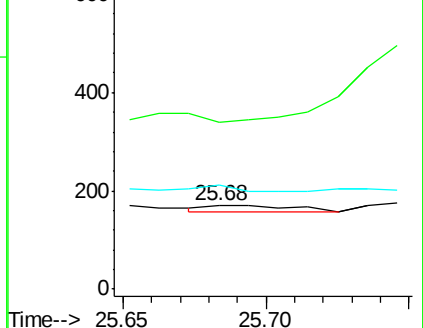
277 62.1 19.8 29.8#

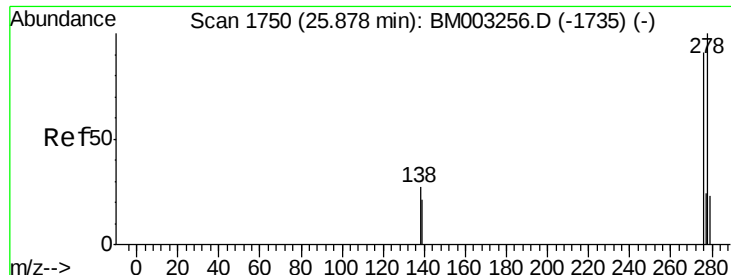


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.68 min Scan# 1731

Delta R.T. -0.19 min

Lab File: BM003261.D

Acq: 21 Nov 2015 22:53

Instrument :

BNA_M

ClientSampleId :

SBLK65

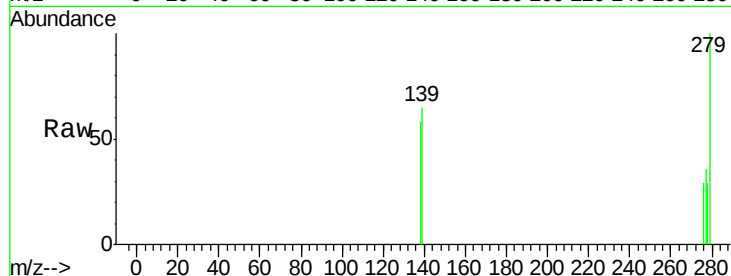
Tgt Ion: 278 Resp: 116

Ion Ratio Lower Upper

278 100

139 221.1 16.4 24.6#

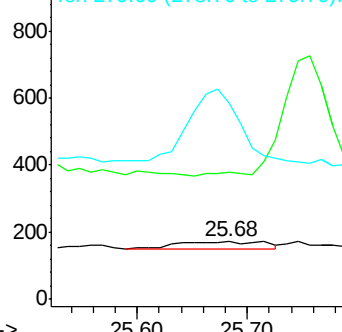
279 341.5 20.2 30.2#



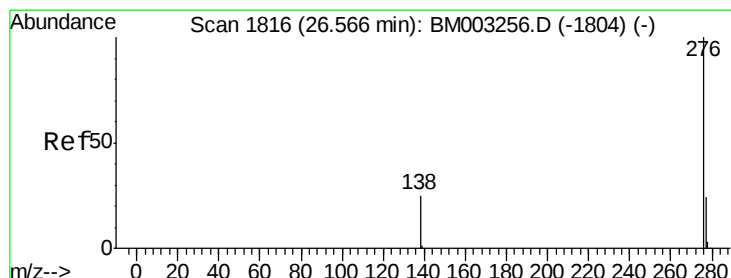
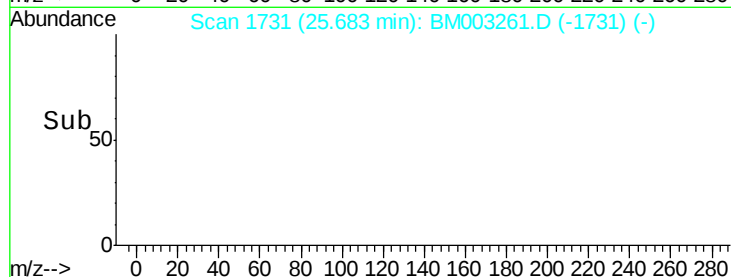
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.37 min Scan# 1797

Delta R.T. -0.19 min

Lab File: BM003261.D

Acq: 21 Nov 2015 22:53

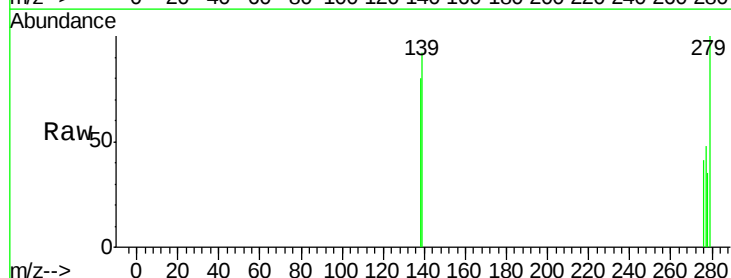
Tgt Ion: 276 Resp: 81

Ion Ratio Lower Upper

276 100

277 118.1 18.9 28.3#

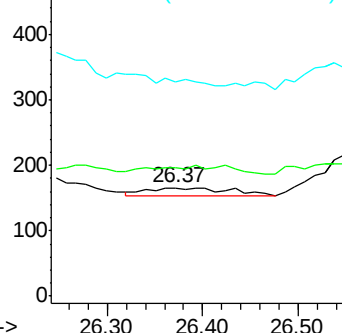
138 197.6 22.5 33.7#



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



Time-->

