

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112015\
 Data File : BM003229.D
 Acq On : 20 Nov 2015 19:57
 Operator : UM/IZ
 Sample : PB86722BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK65

Quant Time: Nov 21 04:26:29 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 : Sat Nov 21 04:24:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	12215	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	47147	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	27238	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	3486513	0.40	ng/ul	0.10
18) Chrysene-d12	21.33	240	53850	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	3786417	0.40	ng/ul	-0.13

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.20	96	70152	5.38	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	18378	0.29	ng/ul	0.00
16) Fluoranthene-d10	19.16	212	38113	0.00	ng/ul	0.00

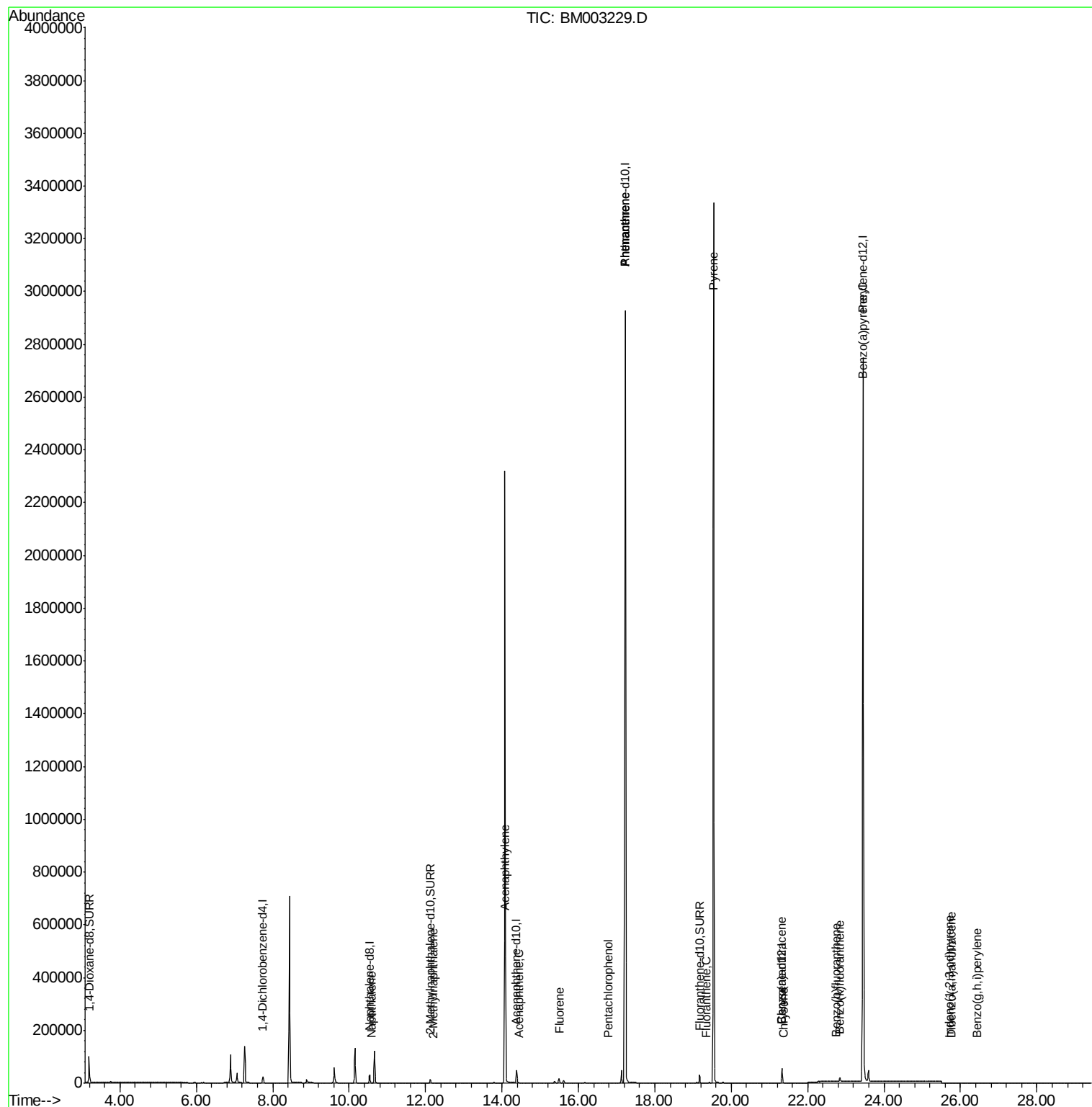
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	10.58	128	110	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.19	142	31	0.00	ng/ul#	100
9) Acenaphthylene	14.09	152	759	0.01	ng/ul#	22
10) Acenaphthene	14.43	153	192	0.00	ng/ul#	66
11) Fluorene	15.49	166	311	0.00	ng/ul#	1
13) Pentachlorophenol	16.78	266	595	0.00	ng/ul	94
14) Phenanthrene	17.23	178	2002	0.00	ng/ul#	1
15) Anthracene	17.23	178	1634	0.00	ng/ul#	1
17) Fluoranthene	19.34	202	234	0.00	ng/ul#	1
19) Pyrene	19.54	202	6216	0.03	ng/ul#	1
20) Benzo(a)anthracene	21.33	228	519	0.00	ng/ul#	1
21) Chrysene	21.37	228	204	0.00	ng/ul#	7
23) Benzo(b)fluoranthene	22.74	252	29	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.84	252	72	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.44	252	14258	0.00	ng/ul#	70
26) Indeno(1,2,3-cd)pyrene	25.70	276	24	0.00	ng/ul#	53
27) Dibenzo(a,h)anthracene	25.76	278	16	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.43	276	36	0.00	ng/ul#	1

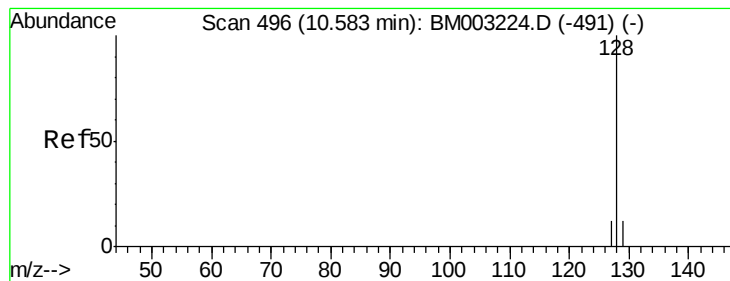
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.58 min Scan# 496

Delta R.T. -0.00 min

Lab File: BM003229.D

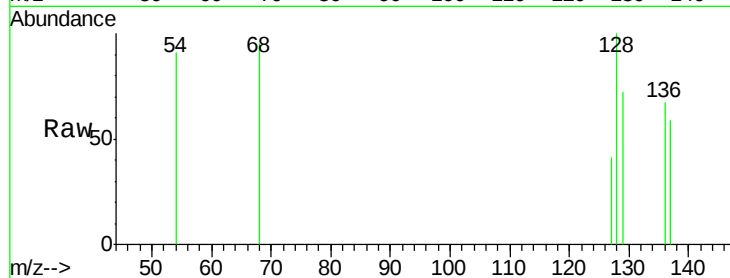
Acq: 20 Nov 2015 19:57

Instrument :

BNA_M

ClientSampleId :

SBLK65



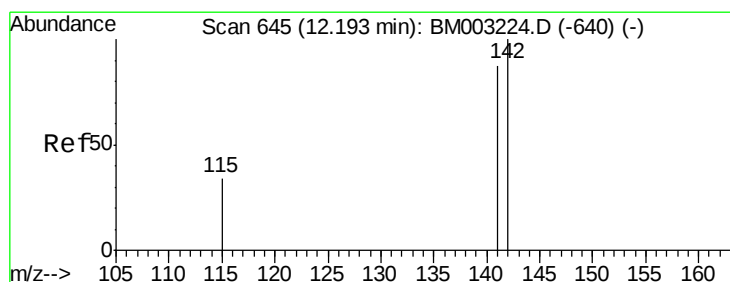
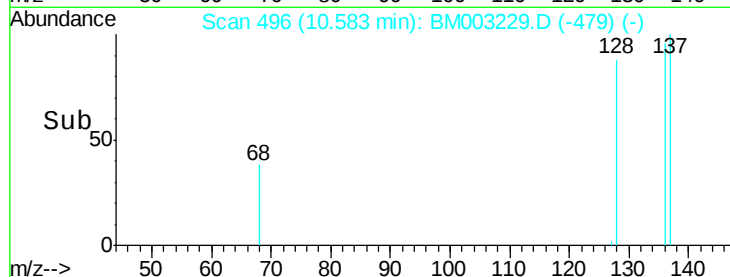
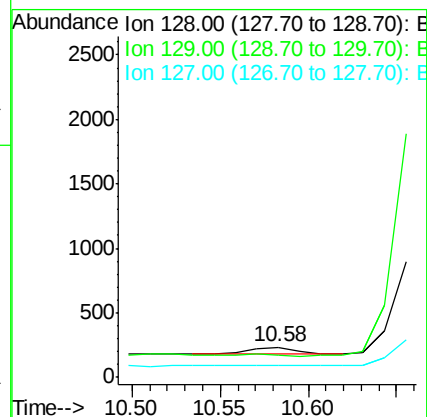
Tgt Ion:128 Resp: 110

Ion Ratio Lower Upper

128 100

129 72.4 9.0 13.6#

127 40.9 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: BM003229.D

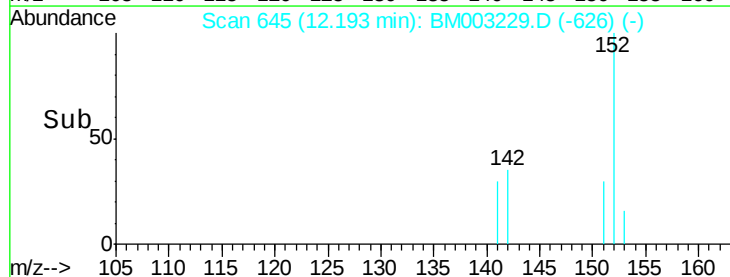
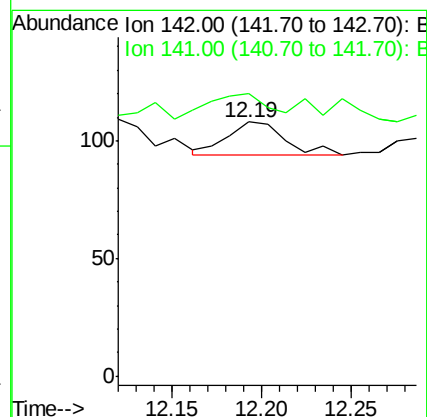
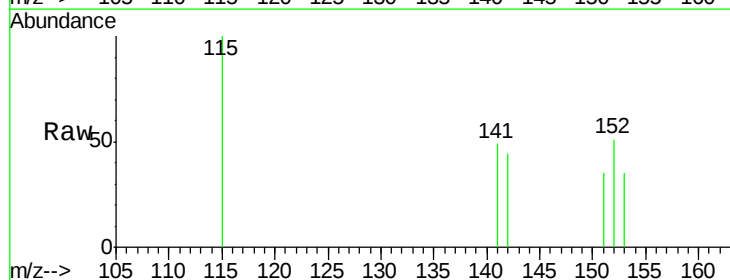
Acq: 20 Nov 2015 19:57

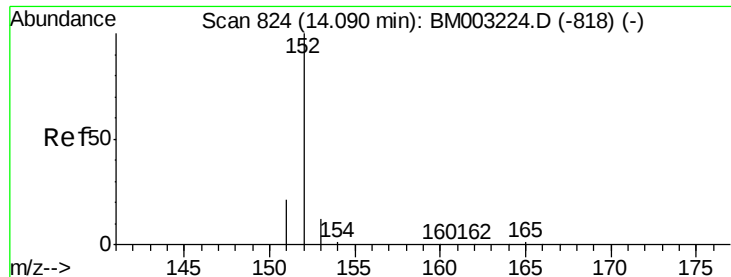
Tgt Ion:142 Resp: 31

Ion Ratio Lower Upper

142 100

141 100.0 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: BM003229.D

Acq: 20 Nov 2015 19:57

Instrument :

BNA_M

ClientSampleId :

SBLK65

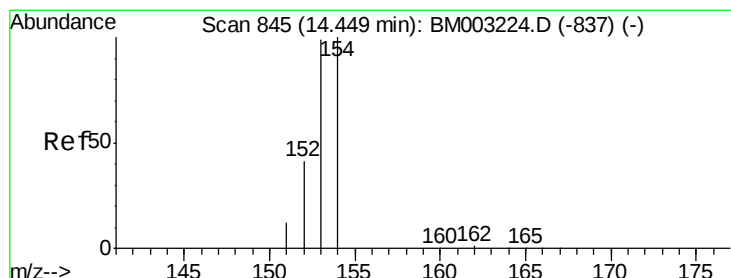
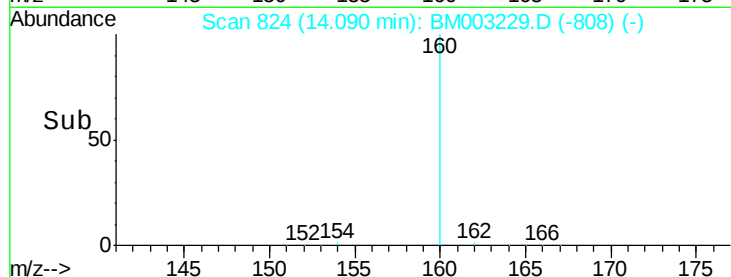
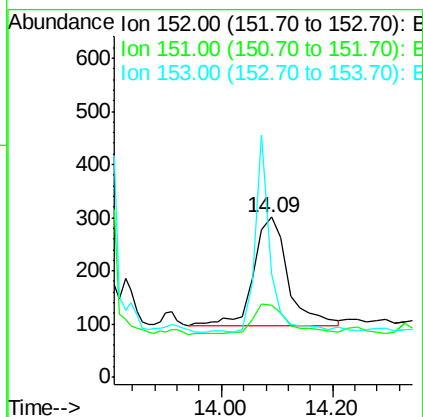
Tgt Ion:152 Resp: 759

Ion Ratio Lower Upper

152 100

151 45.2 17.6 26.4#

153 63.8 9.7 14.5#



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.43 min Scan# 844

Delta R.T. -0.02 min

Lab File: BM003229.D

Acq: 20 Nov 2015 19:57

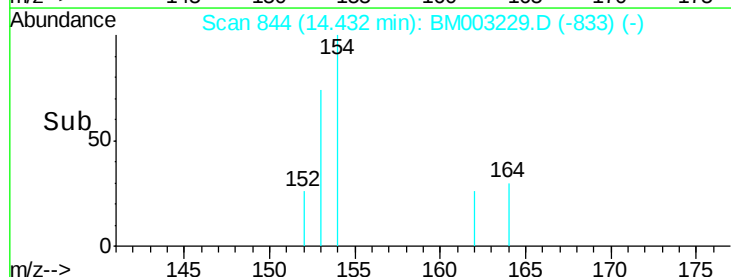
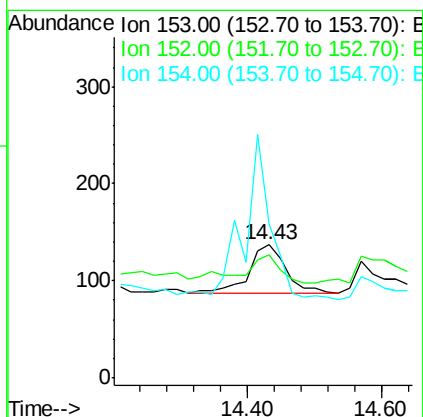
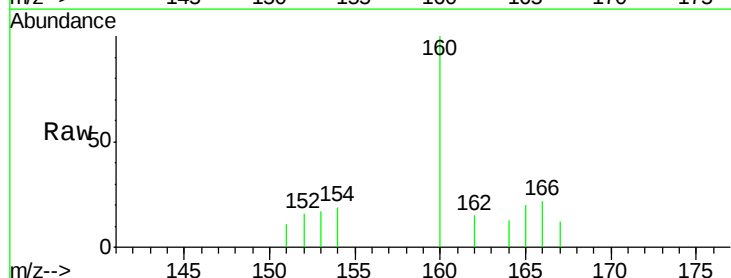
Tgt Ion:153 Resp: 192

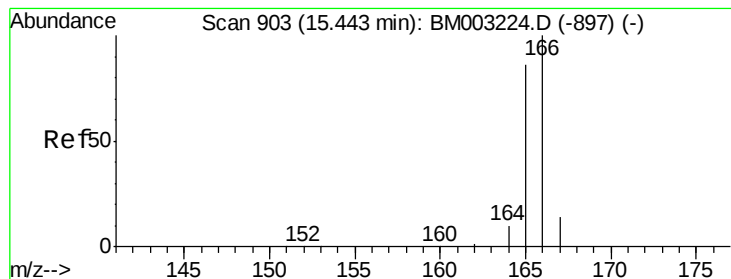
Ion Ratio Lower Upper

153 100

152 92.7 33.9 50.9#

154 115.3 80.6 121.0





#11

Fluorene

Concen: 0.00 ng/ul

RT: 15.49 min Scan# 906

Delta R.T. 0.05 min

Lab File: BM003229.D

Acq: 20 Nov 2015 19:57

Instrument :

BNA_M

ClientSampleId :

SBLK65

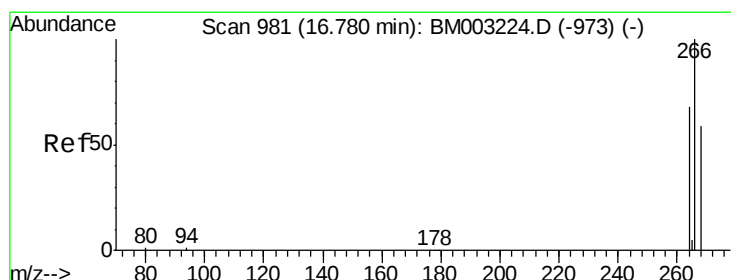
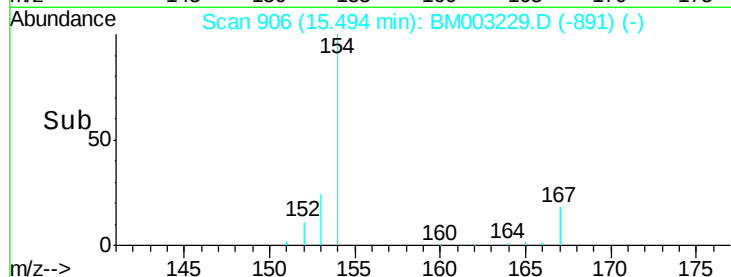
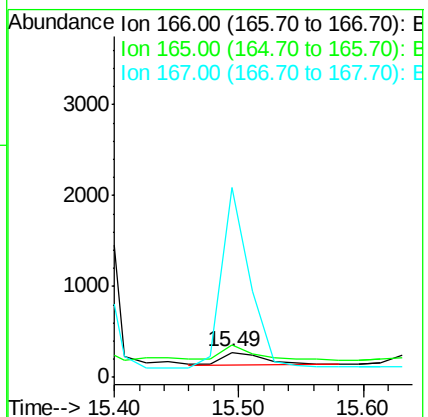
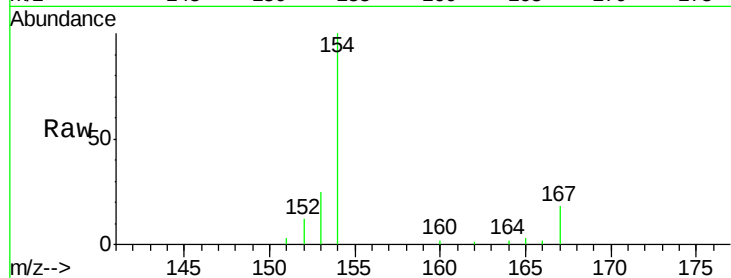
Tgt Ion:166 Resp: 311

Ion Ratio Lower Upper

166 100

165 129.6 69.6 104.4#

167 753.1 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: BM003229.D

Acq: 20 Nov 2015 19:57

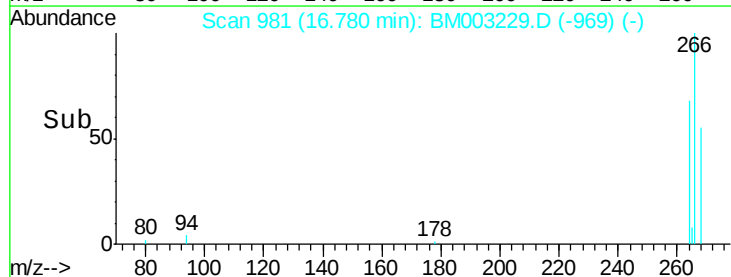
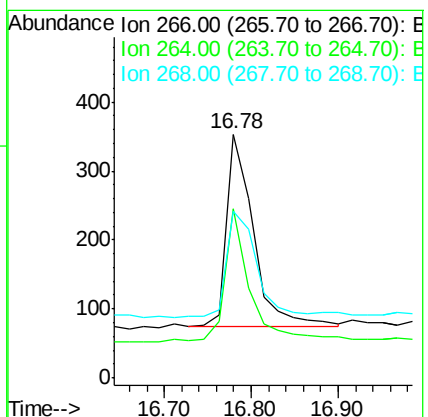
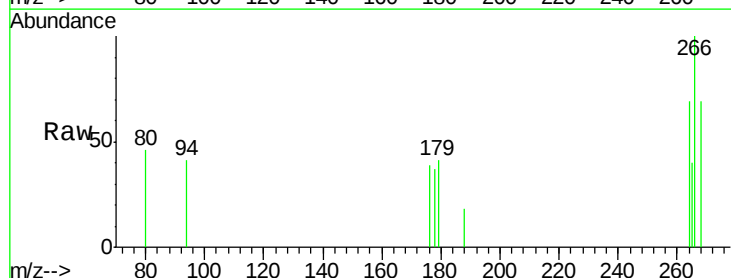
Tgt Ion:266 Resp: 595

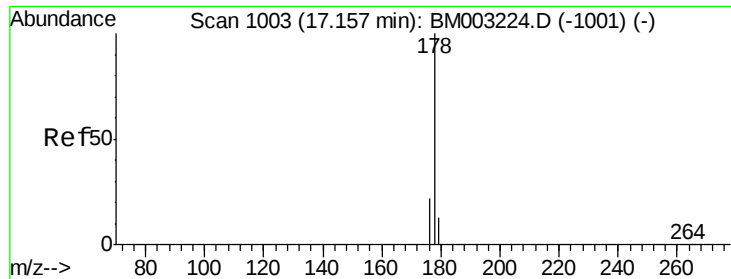
Ion Ratio Lower Upper

266 100

264 64.4 51.8 77.8

268 67.6 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: BM003229.D

Acq: 20 Nov 2015 19:57

Instrument :

BNA_M

ClientSampleId :

SBLK65

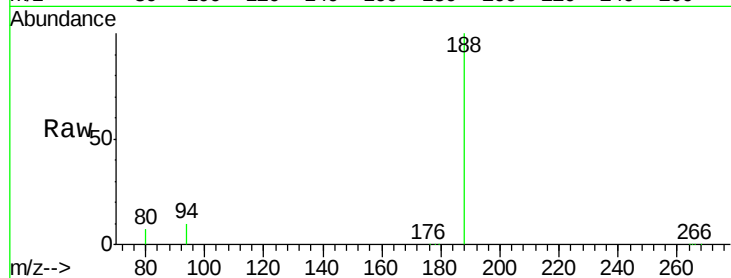
Tgt Ion:178 Resp: 2002

Ion Ratio Lower Upper

178 100

176 13.5 13.0 19.4

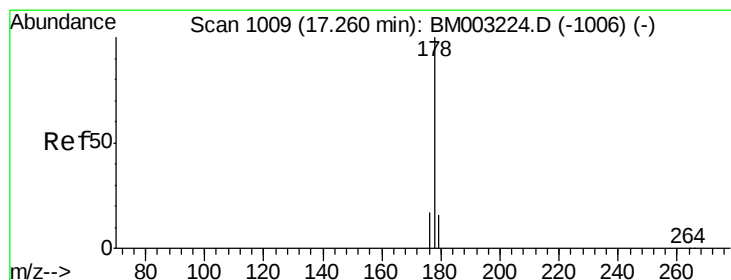
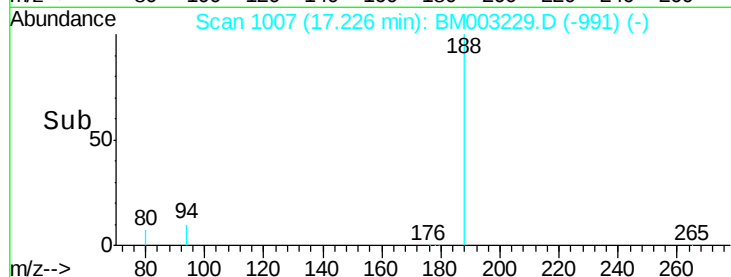
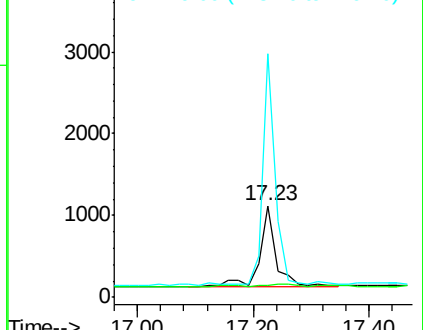
179 265.2 14.2 21.2#



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: 17.23 min Scan# 1007

Delta R.T. -0.03 min

Lab File: BM003229.D

Acq: 20 Nov 2015 19:57

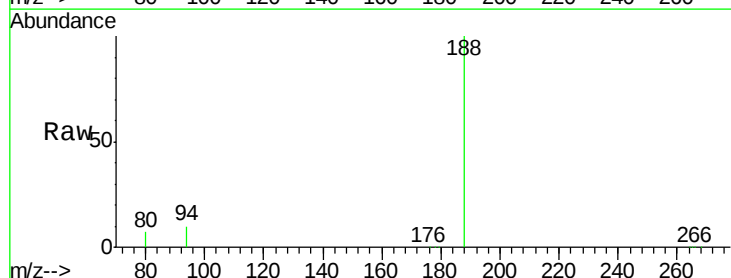
Tgt Ion:178 Resp: 1634

Ion Ratio Lower Upper

178 100

176 13.5 14.0 21.0#

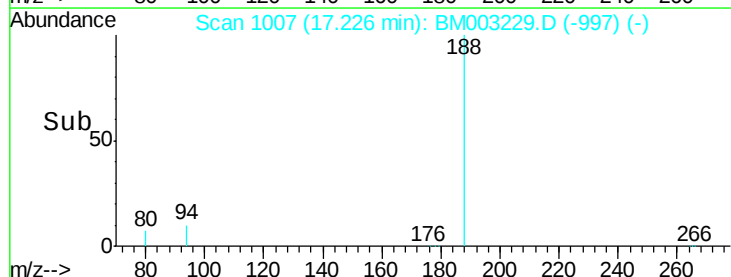
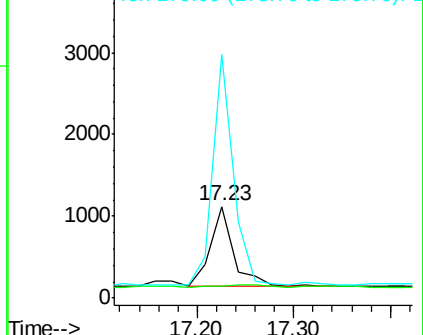
179 265.2 12.9 19.3#

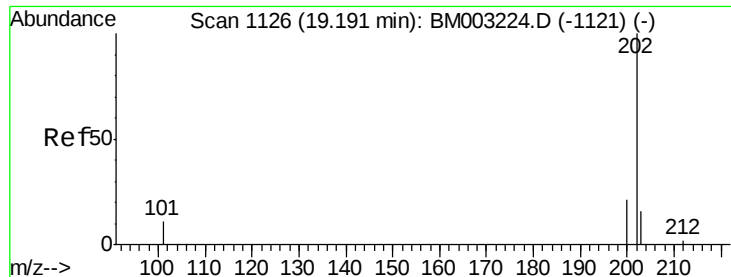


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

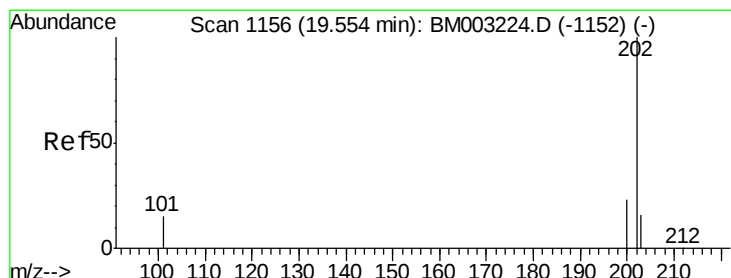
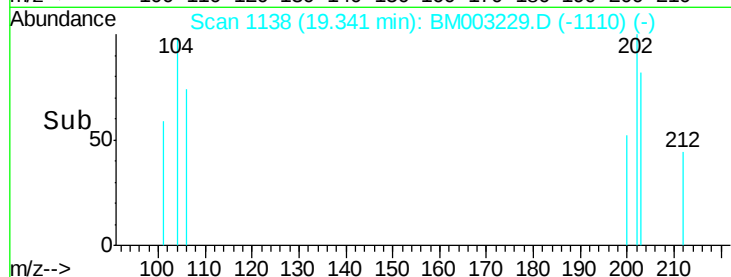
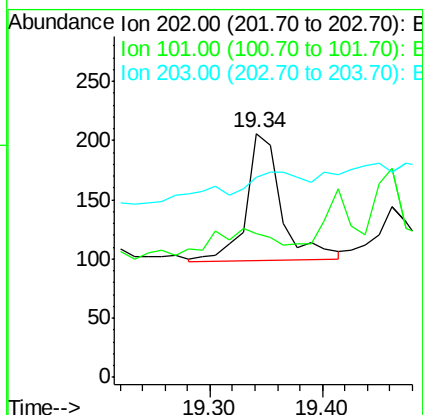
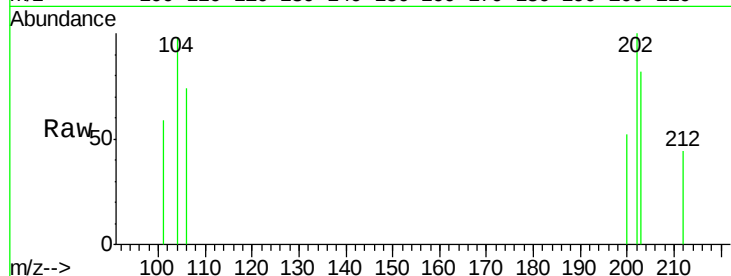




#17
Fluoranthene
 Concen: 0.00 ng/ul
 RT: 19.34 min Scan# 1138
 Delta R.T. 0.15 min
 Lab File: BM003229.D
 Acq: 20 Nov 2015 19:57

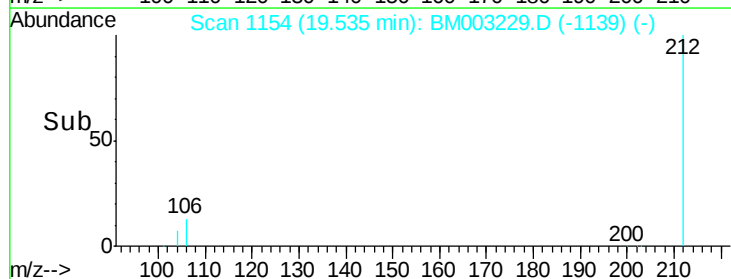
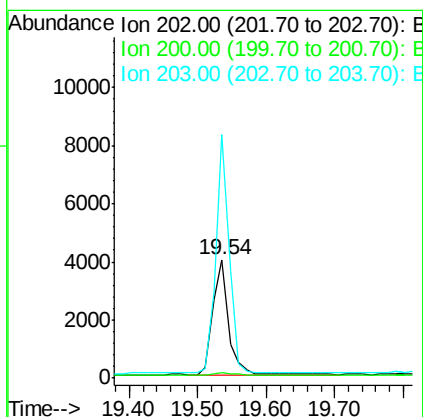
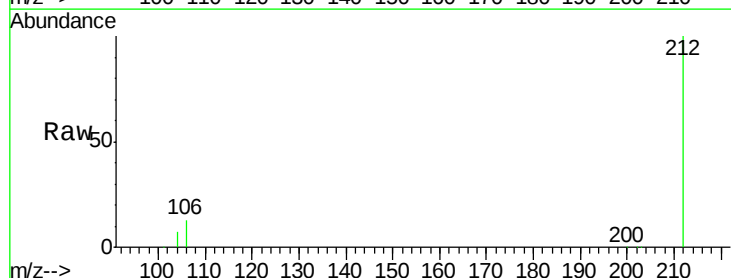
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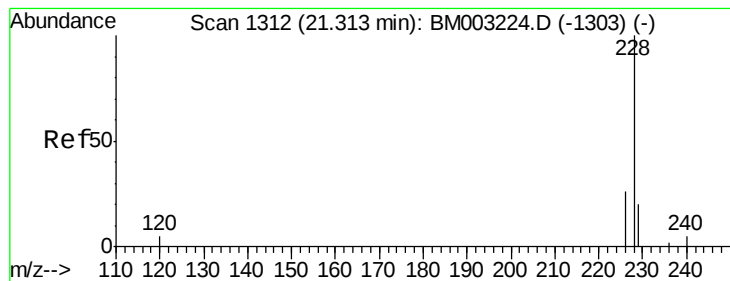
Tgt Ion:202 Resp: 234
 Ion Ratio Lower Upper
 202 100
 101 59.2 0.0 29.6#
 203 82.0 0.0 36.3#



#19
Pyrene
 Concen: 0.03 ng/ul
 RT: 19.54 min Scan# 1154
 Delta R.T. -0.02 min
 Lab File: BM003229.D
 Acq: 20 Nov 2015 19:57

Tgt Ion:202 Resp: 6216
 Ion Ratio Lower Upper
 202 100
 200 4.4 17.8 26.8#
 203 205.9 12.8 19.2#





#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.33 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BM003229.D

Acq: 20 Nov 2015 19:57

Instrument :

BNA_M

ClientSampleId :

SBLK65

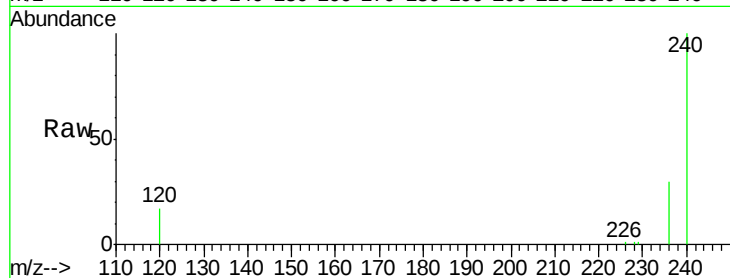
Tgt Ion:228 Resp: 519

Ion Ratio Lower Upper

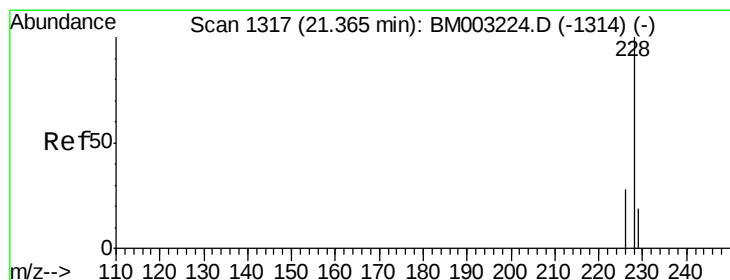
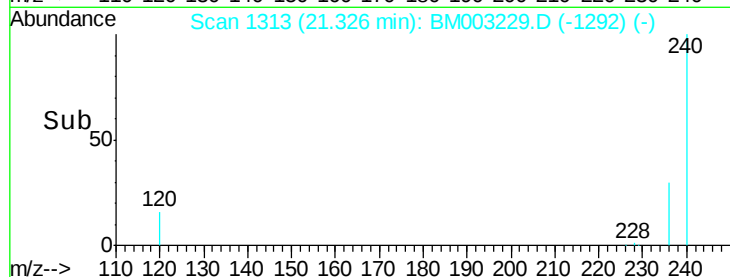
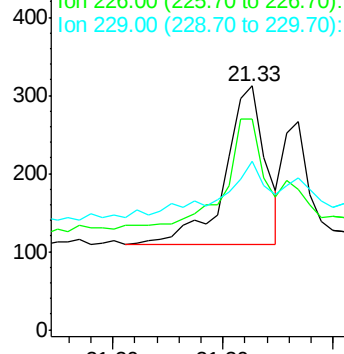
228 100

226 86.5 18.8 28.2#

229 68.9 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



#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.37 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BM003229.D

Acq: 20 Nov 2015 19:57

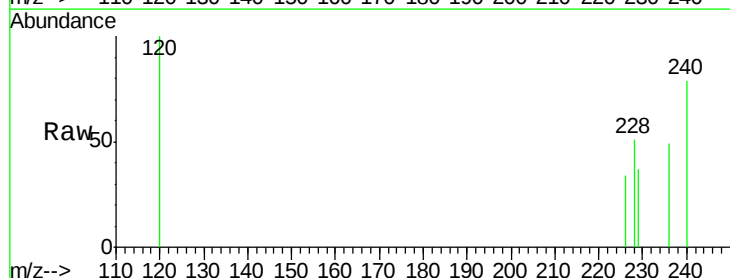
Tgt Ion:228 Resp: 204

Ion Ratio Lower Upper

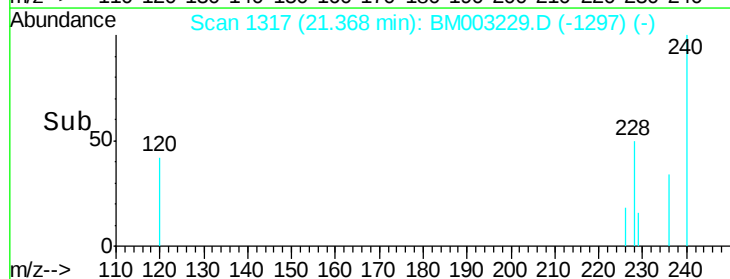
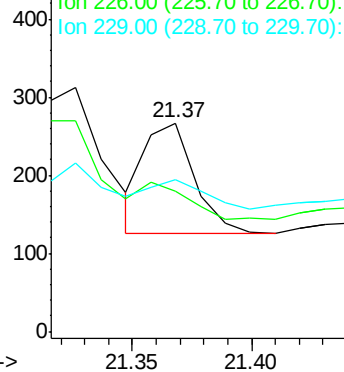
228 100

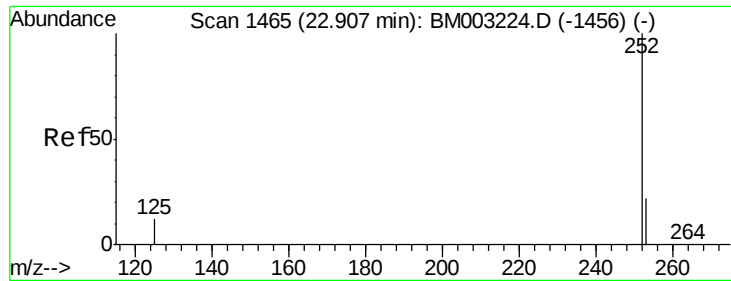
226 67.4 21.2 31.8#

229 72.7 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





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.74 min Scan# 1449

Delta R.T. -0.16 min

Lab File: BM003229.D

Acq: 20 Nov 2015 19:57

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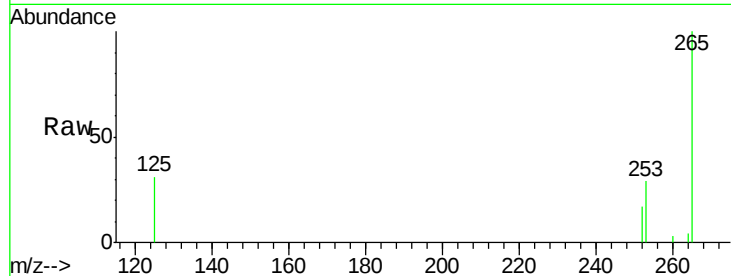
Tgt Ion:252 Resp: 29

Ion Ratio Lower Upper

252 100

253 167.2 0.0 45.4#

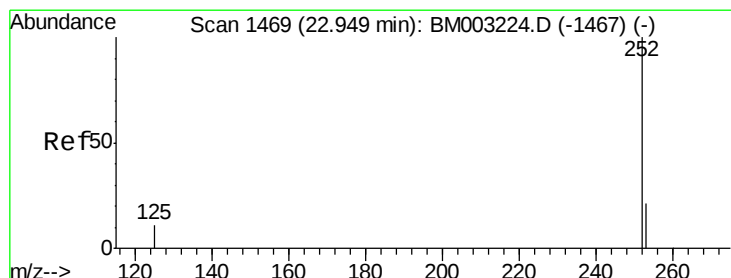
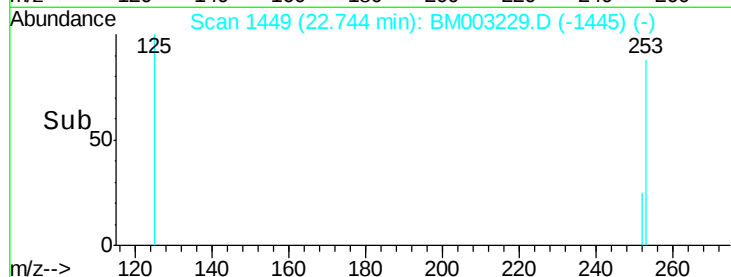
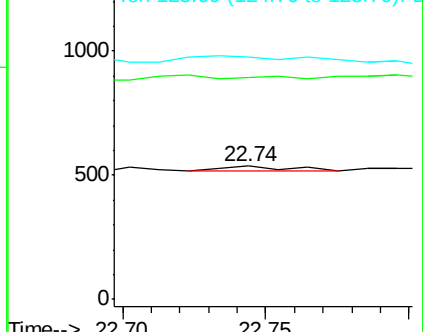
125 181.7 0.0 28.8#



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

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 22.84 min Scan# 1458

Delta R.T. -0.11 min

Lab File: BM003229.D

Acq: 20 Nov 2015 19:57

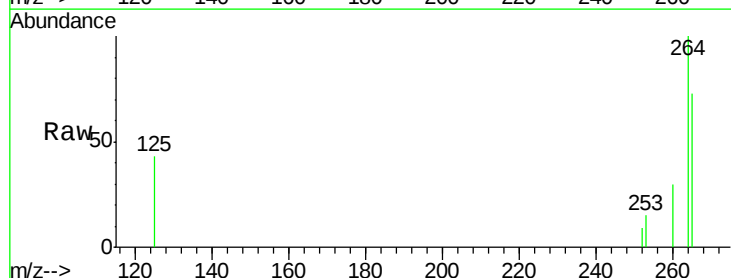
Tgt Ion:252 Resp: 72

Ion Ratio Lower Upper

252 100

253 161.3 19.8 29.8#

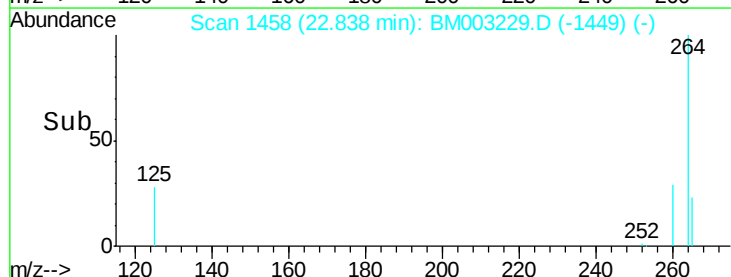
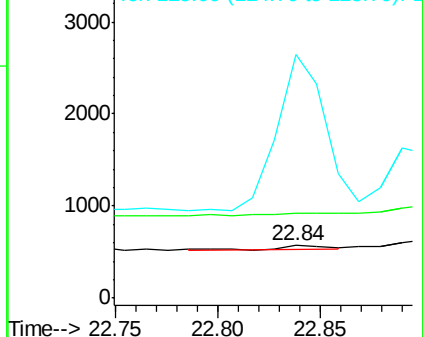
125 464.7 10.4 15.6#

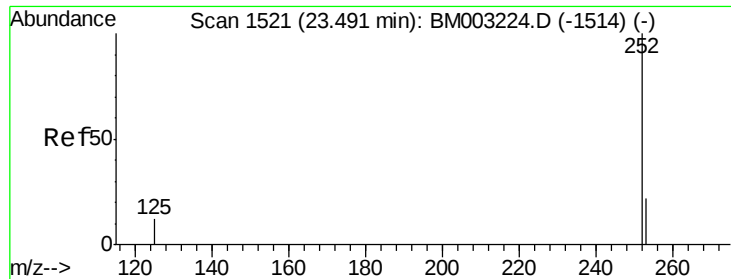


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.44 min Scan# 1516

Delta R.T. -0.05 min

Lab File: BM003229.D

Acq: 20 Nov 2015 19:57

Instrument :

BNA_M

ClientSampleId :

SBLK65

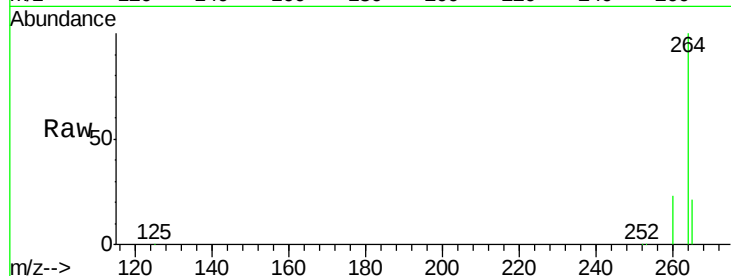
Tgt Ion: 252 Resp: 14258

Ion Ratio Lower Upper

252 100

253 35.5 19.4 29.2#

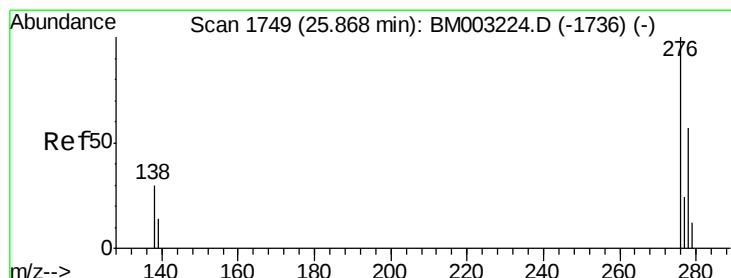
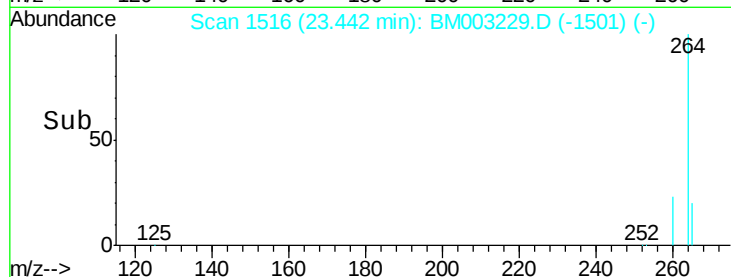
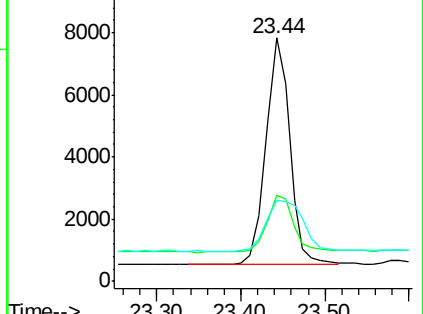
125 33.2 12.7 19.1#



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/ul

RT: 25.70 min Scan# 1733

Delta R.T. -0.16 min

Lab File: BM003229.D

Acq: 20 Nov 2015 19:57

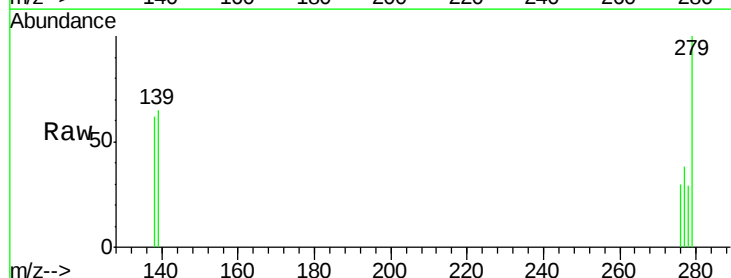
Tgt Ion: 276 Resp: 24

Ion Ratio Lower Upper

276 100

138 0.0 16.3 24.5#

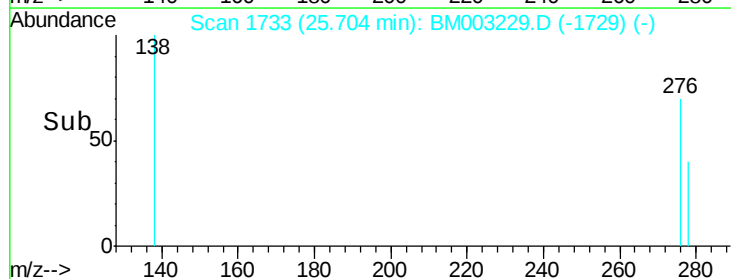
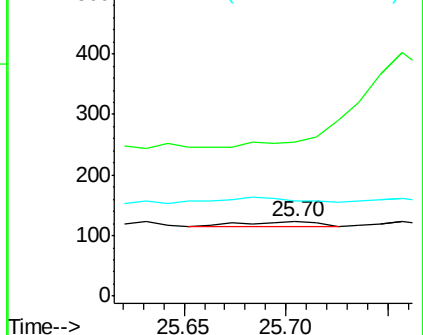
277 0.0 19.8 29.8#

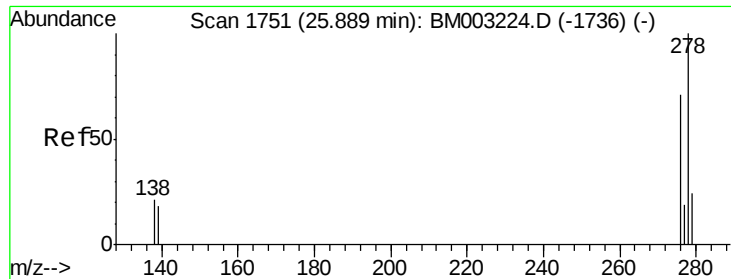


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.76 min Scan# 1738

Delta R.T. -0.13 min

Lab File: BM003229.D

Acq: 20 Nov 2015 19:57

Instrument :

BNA_M

ClientSampleId :

SBLK65

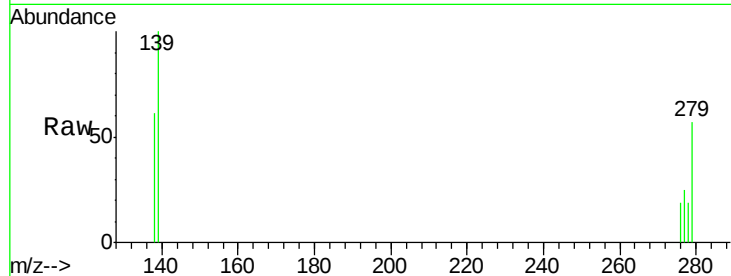
Tgt Ion:278 Resp: 16

Ion Ratio Lower Upper

278 100

139 521.4 16.4 24.6#

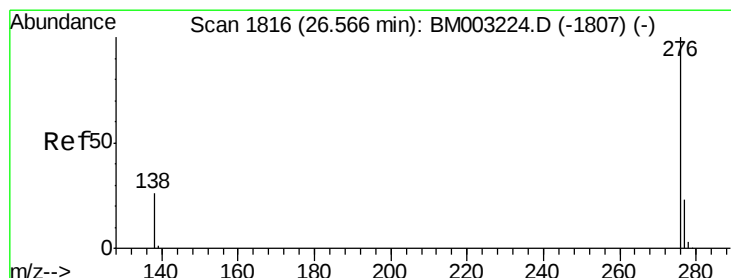
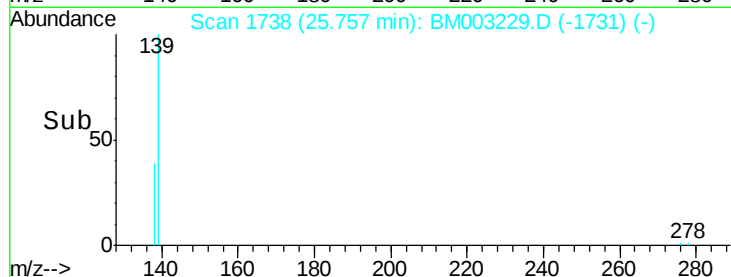
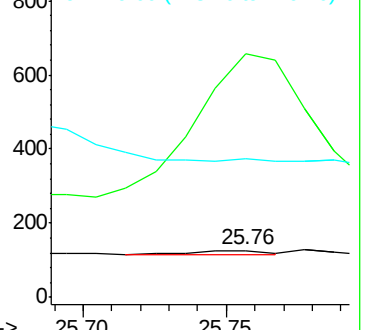
279 296.8 20.2 30.2#



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



#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.43 min Scan# 1803

Delta R.T. -0.13 min

Lab File: BM003229.D

Acq: 20 Nov 2015 19:57

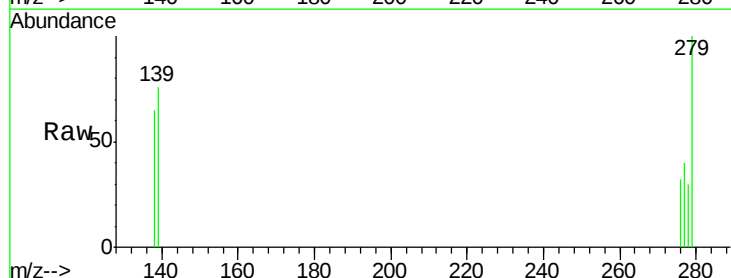
Tgt Ion:276 Resp: 36

Ion Ratio Lower Upper

276 100

277 124.8 18.9 28.3#

138 204.0 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

