

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081516\
 Data File : BM007132.D
 Acq On : 16 Aug 2016 00:32
 Operator : UM/SJ
 Sample : PB92716BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK16

Quant Time: Aug 16 01:56:46 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM081516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 01:54:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1972	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.60	136	6369	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.43	164	3385	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	730343	0.40	ng/ul	0.10
16) Chrysene-d12	21.37	240	6762	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	657135	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.18	152	4178	0.52	ng/ul	0.00
14) Fluoranthene-d10	19.21	212	8369	0.01	ng/ul	0.00

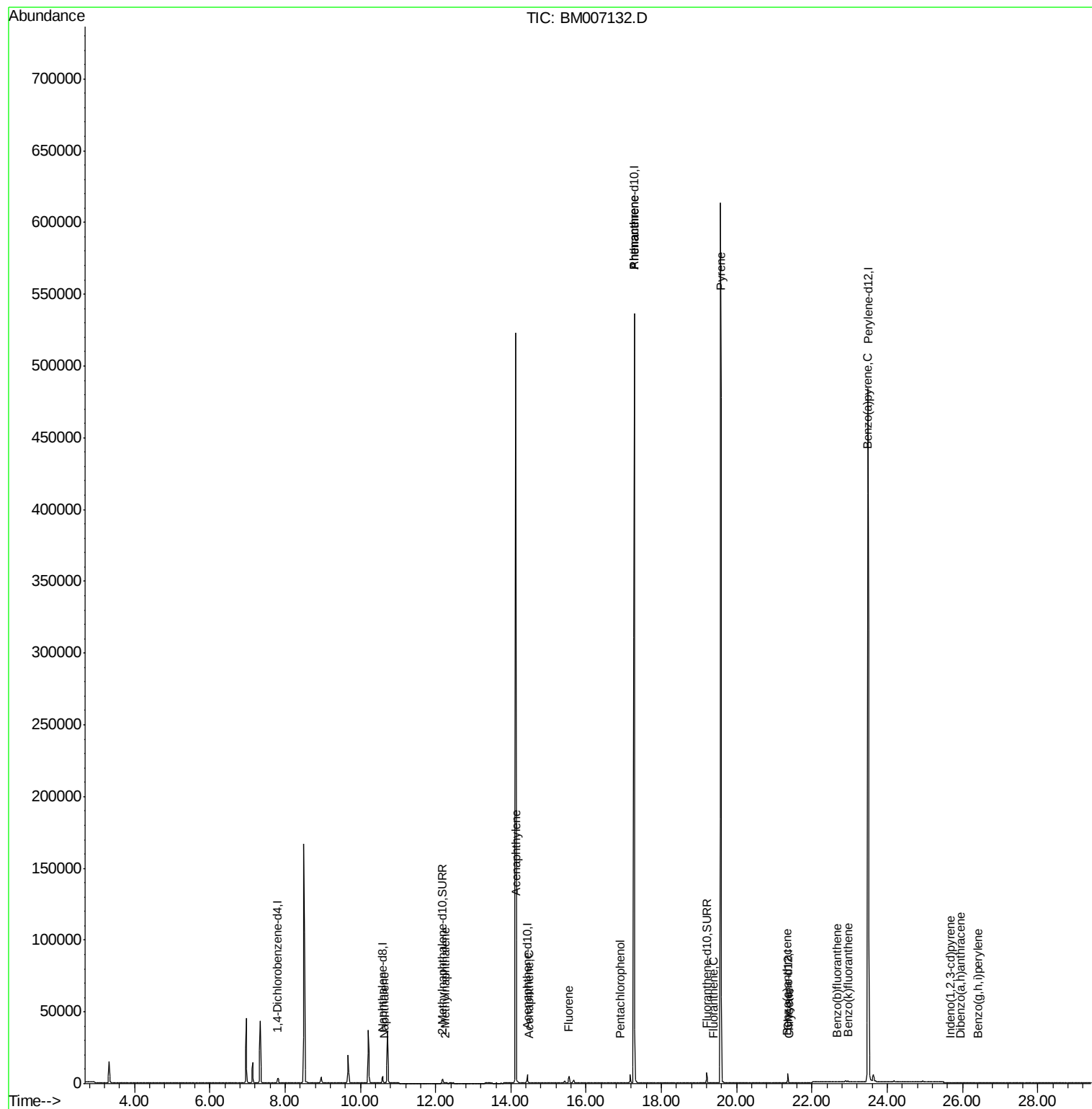
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.65	128	62	0.00	ng/ul#	1
5) 2-Methylnaphthalene	12.26	142	25	0.00	ng/ul	91
7) Acenaphthylene	14.14	152	224	0.01	ng/ul#	6
8) Acenaphthene	14.49	153	24	0.00	ng/ul#	67
9) Fluorene	15.55	166	83	0.01	ng/ul#	1
11) Pentachlorophenol	16.92	266	2	0.00	ng/ul#	1
12) Phenanthrene	17.28	178	476	0.00	ng/ul#	1
13) Anthracene	17.28	178	403	0.00	ng/ul#	1
15) Fluoranthene	19.39	202	73	0.00	ng/ul#	1
17) Pyrene	19.57	202	1337	0.06	ng/ul#	1
18) Benzo(a)anthracene	21.35	228	206	0.01	ng/ul#	14
19) Chrysene	21.40	228	162	0.01	ng/ul#	30
21) Benzo(b)fluoranthene	22.67	252	18	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	22.95	252	624	0.00	ng/ul#	1
23) Benzo(a)pyrene	23.48	252	3124	0.00	ng/ul#	66
24) Indeno(1,2,3-cd)pyrene	25.68	276	20	0.00	ng/ul#	54
25) Dibenzo(a,h)anthracene	25.94	278	320	0.00	ng/ul#	8
26) Benzo(g,h,i)perylene	26.41	276	6	0.00	ng/ul#	1

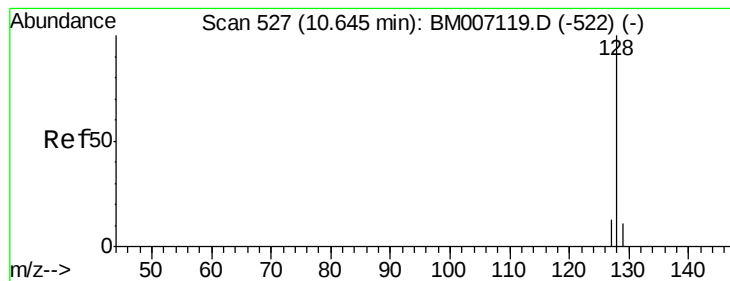
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.00 ng/ul

RT: 10.65 min Scan# 527

Delta R.T. 0.00 min

Lab File: BM007132.D

Acq: 16 Aug 2016 00:32

Instrument :

BNA_M

ClientSampleId :

SBLK16

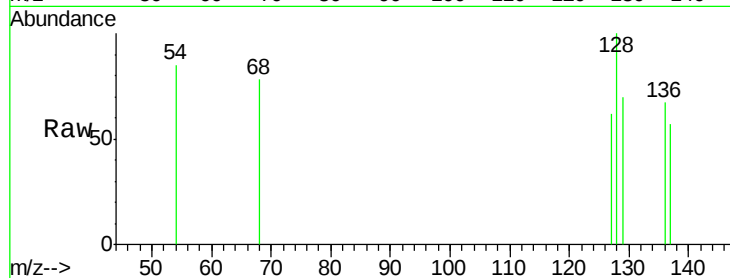
Tgt Ion:128 Resp: 62

Ion Ratio Lower Upper

128 100

129 70.3 9.0 13.6#

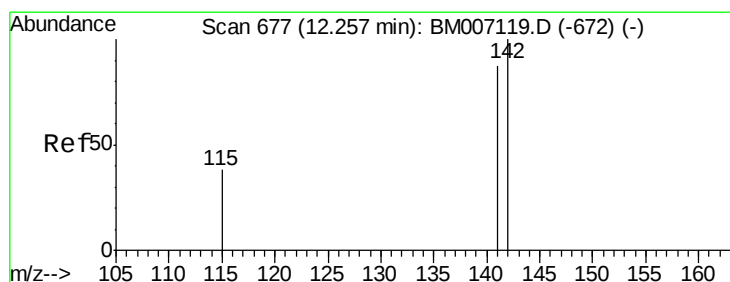
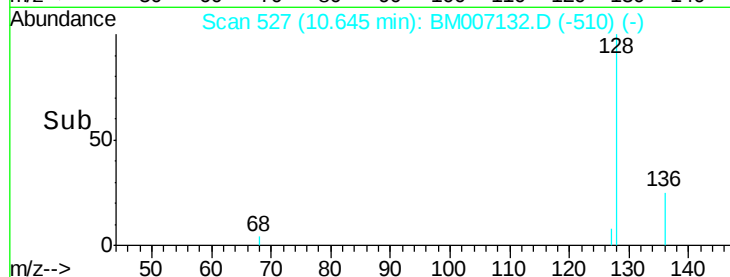
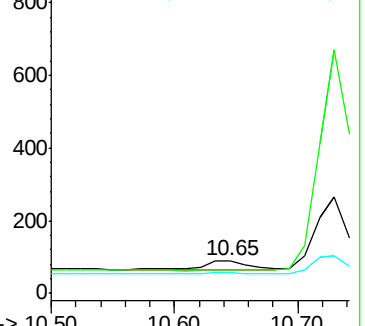
127 61.5 9.6 14.4#



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: 0.00 ng/ul

RT: 12.26 min Scan# 677

Delta R.T. 0.00 min

Lab File: BM007132.D

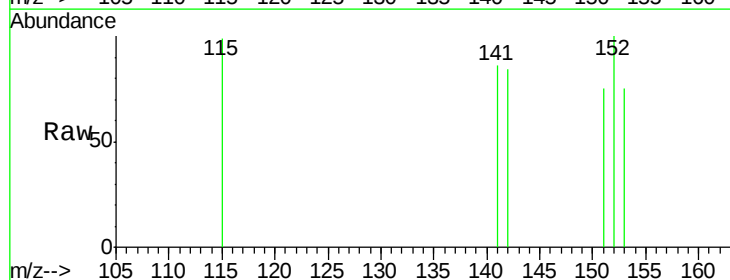
Acq: 16 Aug 2016 00:32

Tgt Ion:142 Resp: 25

Ion Ratio Lower Upper

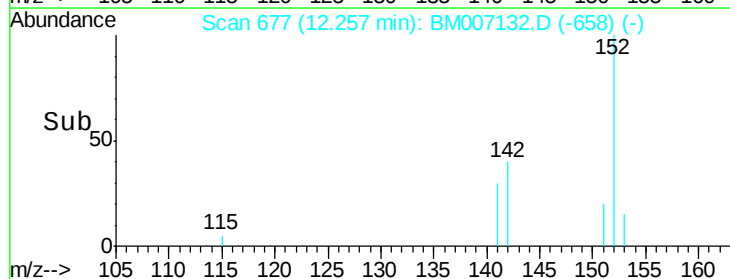
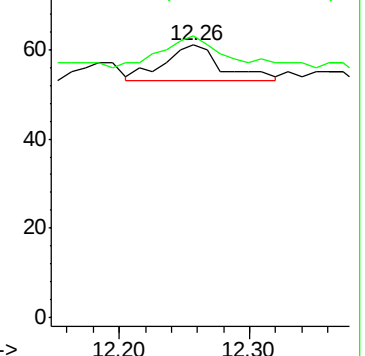
142 100

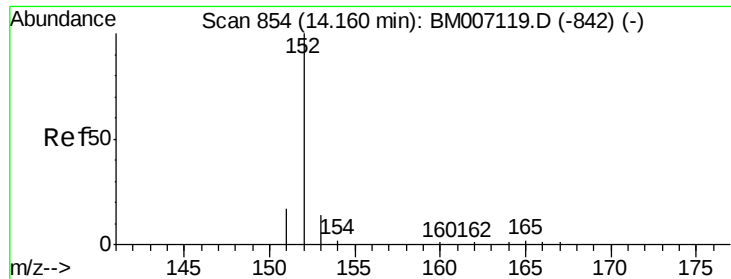
141 96.0 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.14 min Scan# 853

Delta R.T. -0.02 min

Lab File: BM007132.D

Acq: 16 Aug 2016 00:32

Instrument :

BNA_M

ClientSampleId :

SBLK16

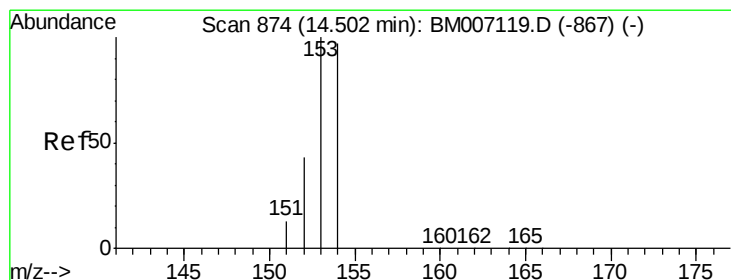
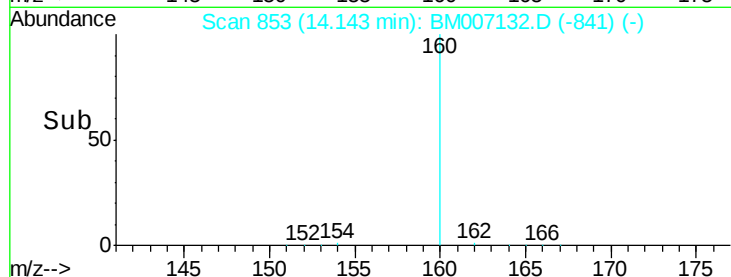
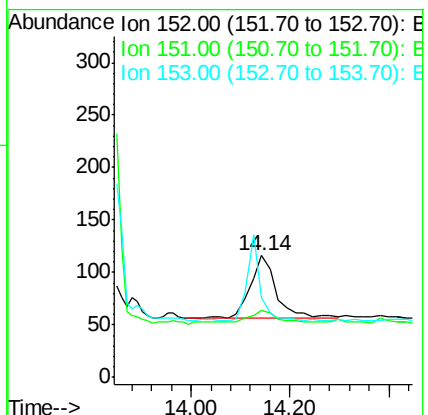
Tgt Ion:152 Resp: 224

Ion Ratio Lower Upper

152 100

151 55.2 17.6 26.4#

153 65.5 9.7 14.5#



#8

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.49 min Scan# 873

Delta R.T. -0.02 min

Lab File: BM007132.D

Acq: 16 Aug 2016 00:32

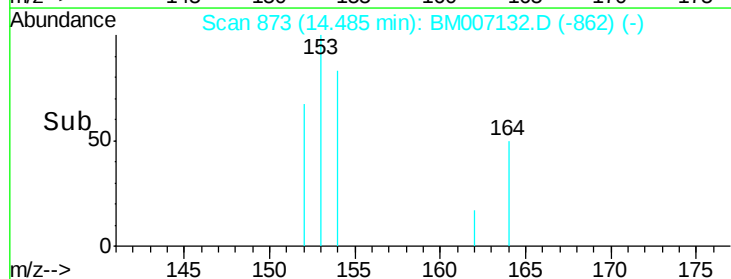
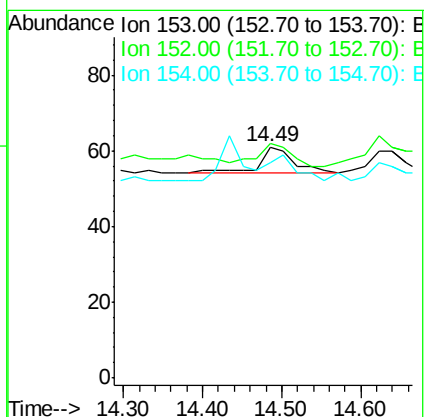
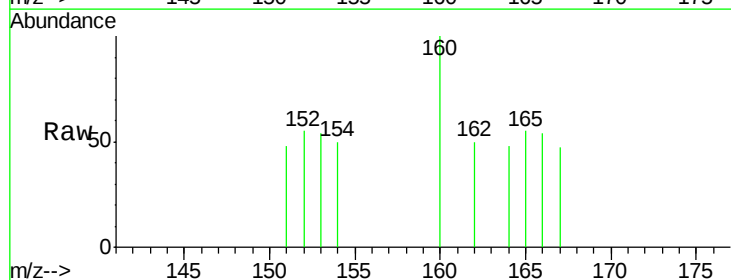
Tgt Ion:153 Resp: 24

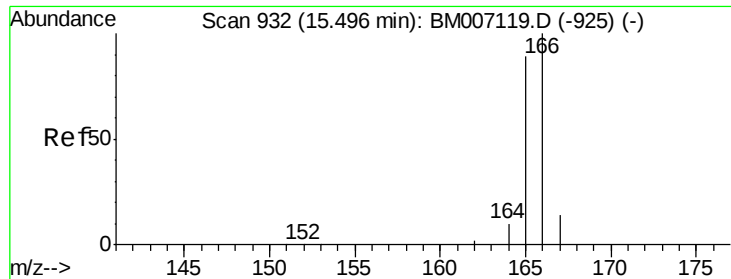
Ion Ratio Lower Upper

153 100

152 101.6 33.9 50.9#

154 93.4 80.6 121.0





#9

Fluorene

Concen: 0.01 ng/ul

RT: 15.55 min Scan# 935

Delta R.T. 0.05 min

Lab File: BM007132.D

Acq: 16 Aug 2016 00:32

Instrument :

BNA_M

ClientSampleId :

SBLK16

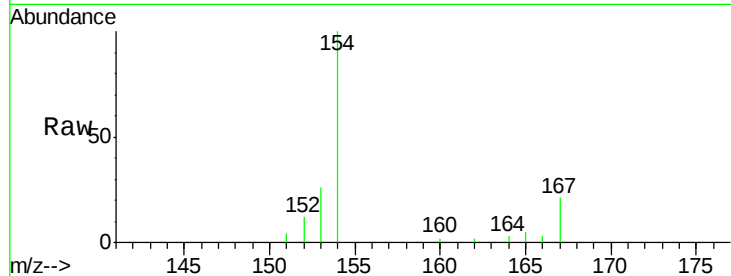
Tgt Ion:166 Resp: 83

Ion Ratio Lower Upper

166 100

165 130.3 69.6 104.4#

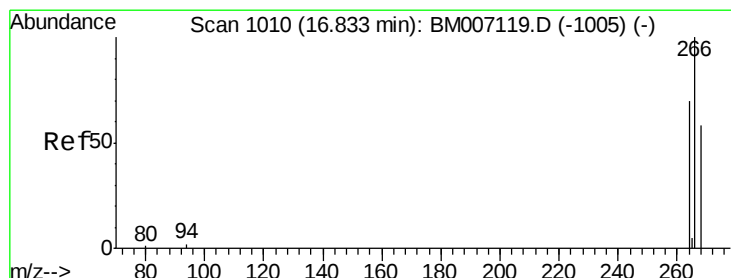
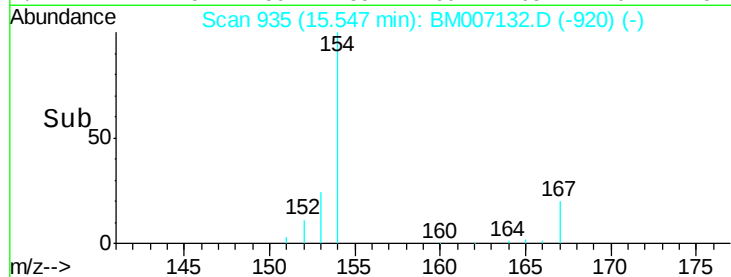
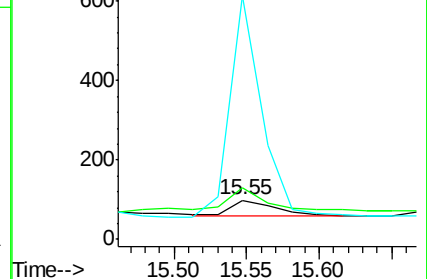
167 619.2 11.9 17.9#



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



#11

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.92 min Scan# 1015

Delta R.T. 0.09 min

Lab File: BM007132.D

Acq: 16 Aug 2016 00:32

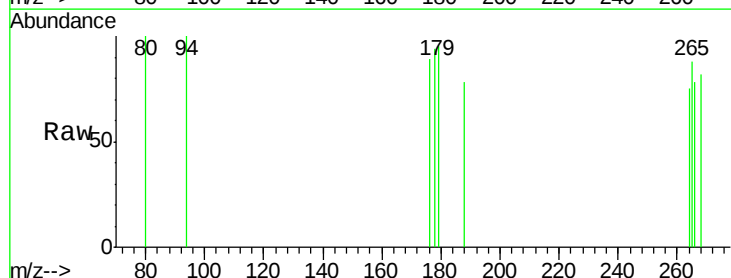
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 300.0 51.8 77.8#

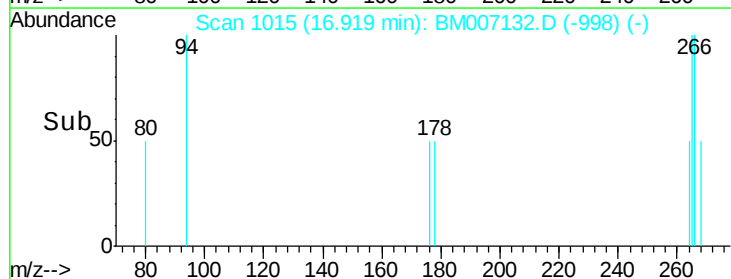
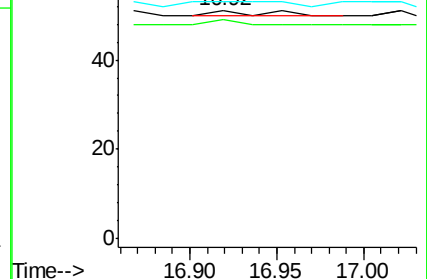
268 200.0 46.8 70.2#

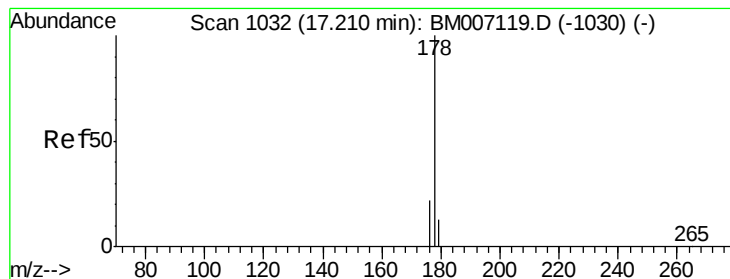


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.28 min Scan# 1036

Delta R.T. 0.07 min

Lab File: BM007132.D

Acq: 16 Aug 2016 00:32

Instrument :

BNA_M

ClientSampleId :

SBLK16

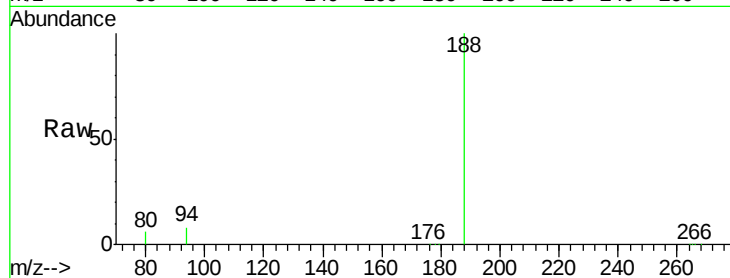
Tgt Ion:178 Resp: 476

Ion Ratio Lower Upper

178 100

176 25.6 13.0 19.4#

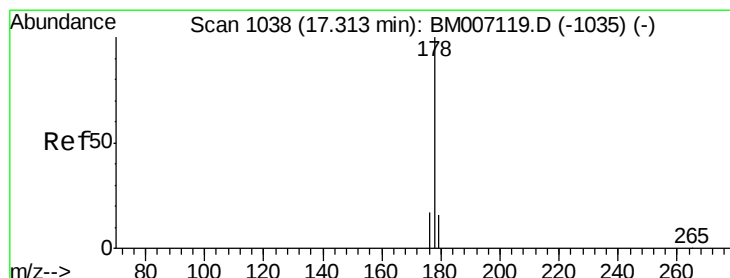
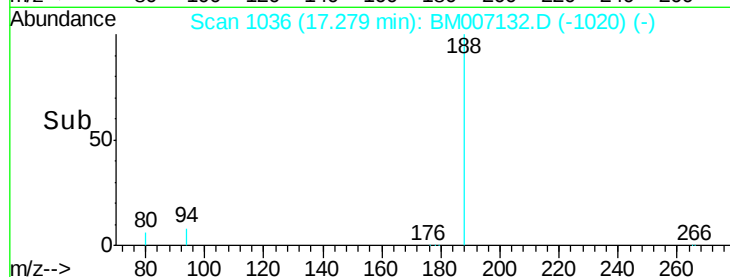
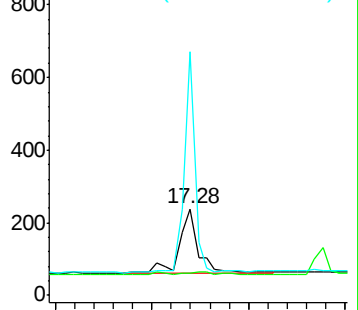
179 281.9 14.2 21.2#



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



#13

Anthracene

Concen: 0.00 ng/ul

RT: 17.28 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BM007132.D

Acq: 16 Aug 2016 00:32

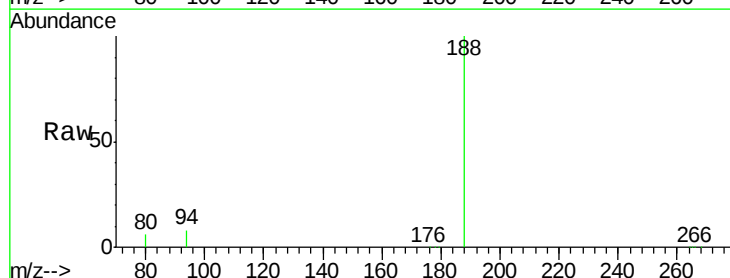
Tgt Ion:178 Resp: 403

Ion Ratio Lower Upper

178 100

176 25.6 14.0 21.0#

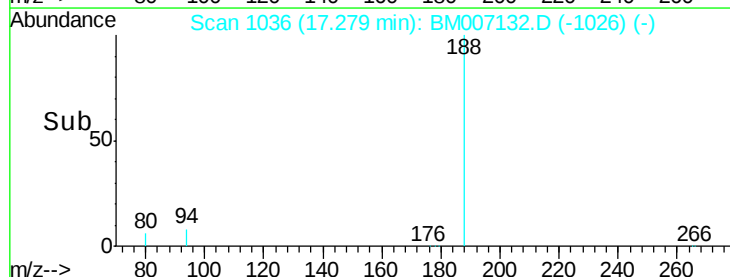
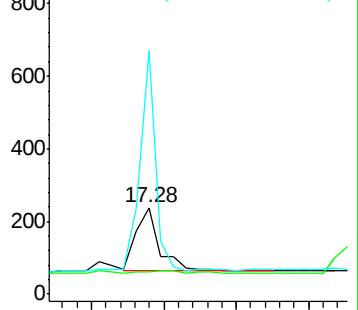
179 281.9 12.9 19.3#

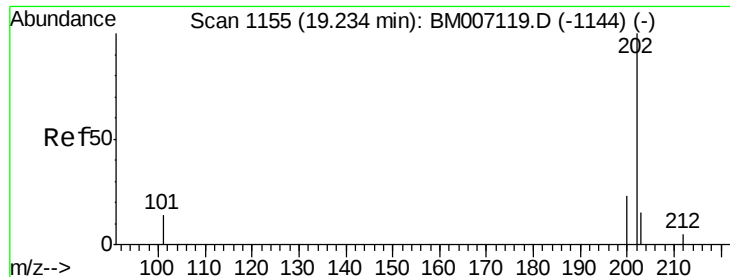


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.39 min Scan# 1168

Delta R.T. 0.15 min

Lab File: BM007132.D

Acq: 16 Aug 2016 00:32

Instrument :

BNA_M

ClientSampleId :

SBLK16

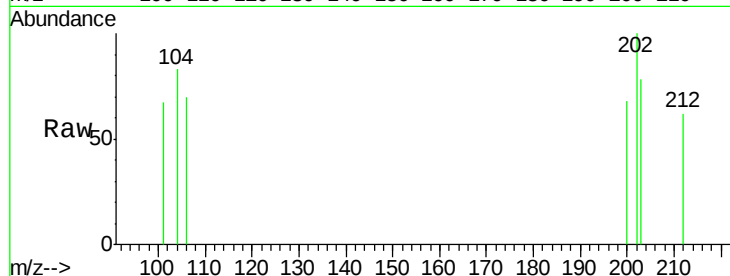
Tgt Ion:202 Resp: 73

Ion Ratio Lower Upper

202 100

101 66.7 0.0 29.6#

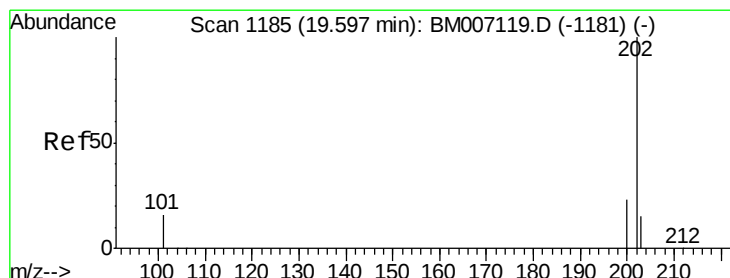
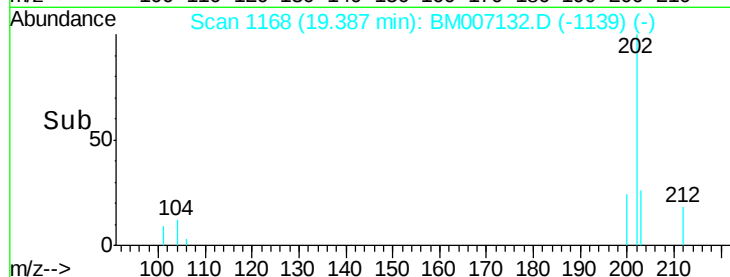
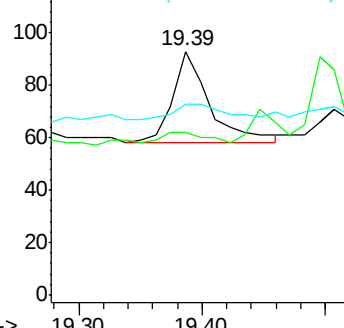
203 78.5 0.0 36.3#



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



#17

Pyrene

Concen: 0.06 ng/ul

RT: 19.57 min Scan# 1183

Delta R.T. -0.03 min

Lab File: BM007132.D

Acq: 16 Aug 2016 00:32

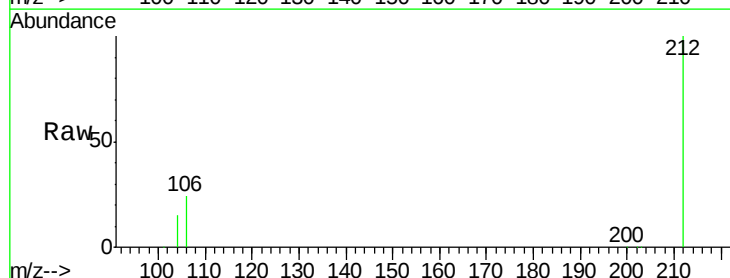
Tgt Ion:202 Resp: 1337

Ion Ratio Lower Upper

202 100

200 9.0 17.8 26.8#

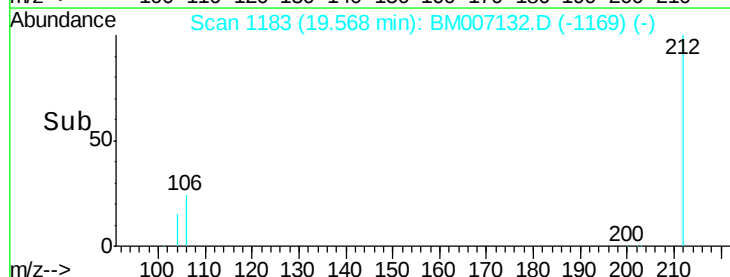
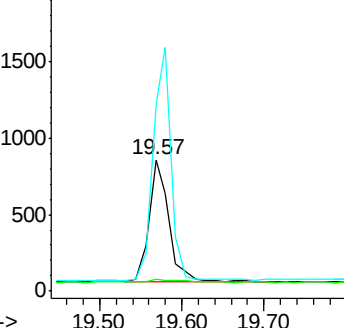
203 143.1 12.8 19.2#

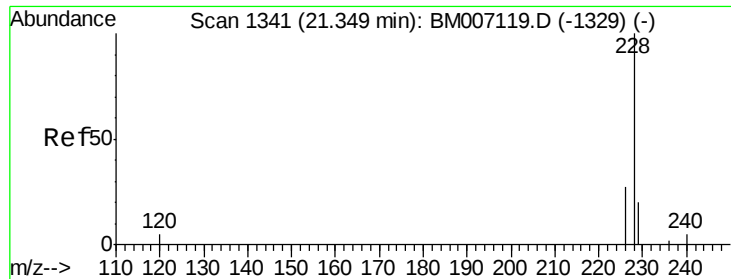


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.35 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BM007132.D

Acq: 16 Aug 2016 00:32

Instrument :

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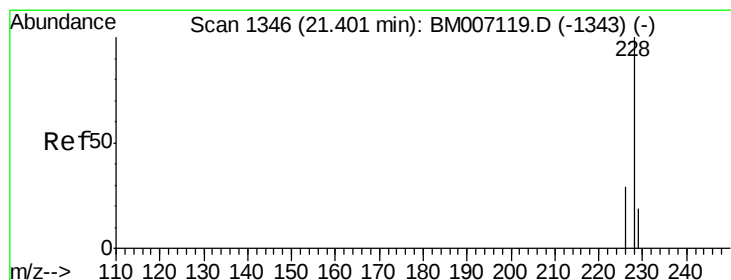
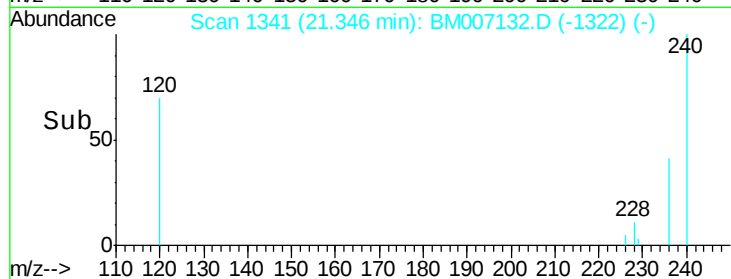
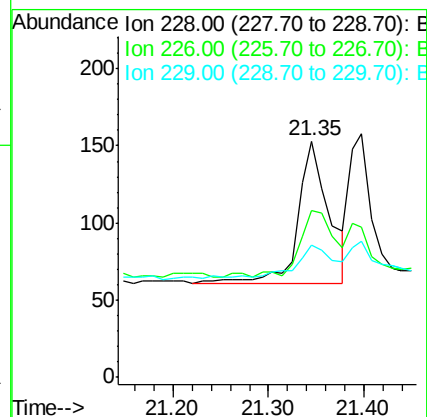
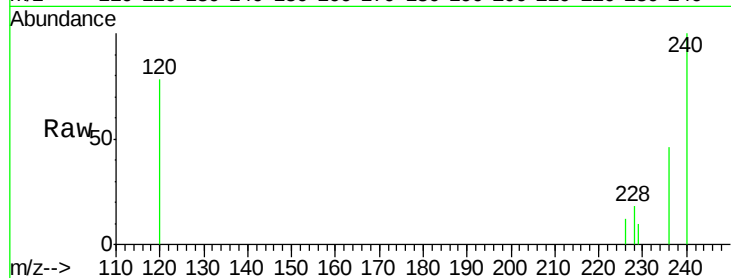
Tgt Ion:228 Resp: 206

Ion Ratio Lower Upper

228 100

226 70.6 18.8 28.2#

229 56.2 17.1 25.7#



#19

Chrysene

Concen: 0.01 ng/ul

RT: 21.40 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BM007132.D

Acq: 16 Aug 2016 00:32

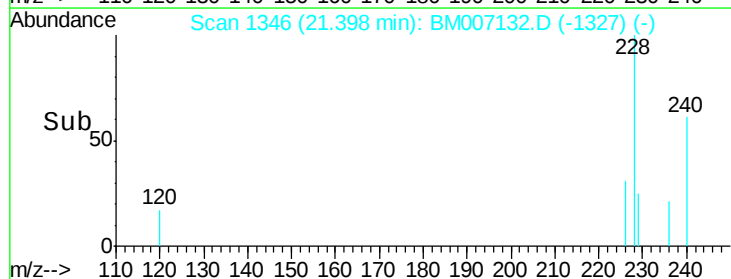
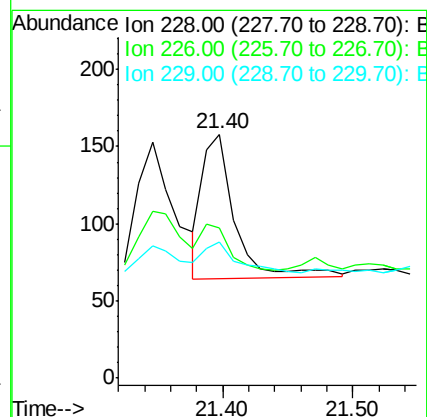
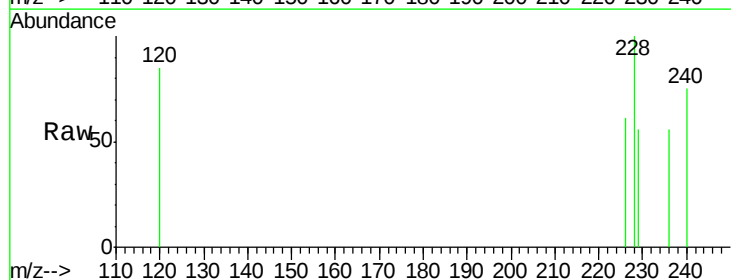
Tgt Ion:228 Resp: 162

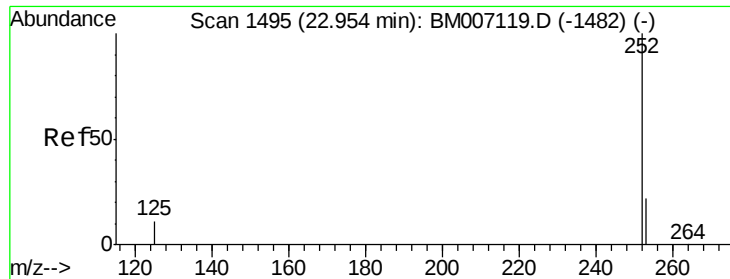
Ion Ratio Lower Upper

228 100

226 61.4 21.2 31.8#

229 55.7 17.0 25.6#





#21

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 22.67 min Scan# 1468

Delta R.T. -0.28 min

Lab File: BM007132.D

Acq: 16 Aug 2016 00:32

Instrument :

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SBLK16

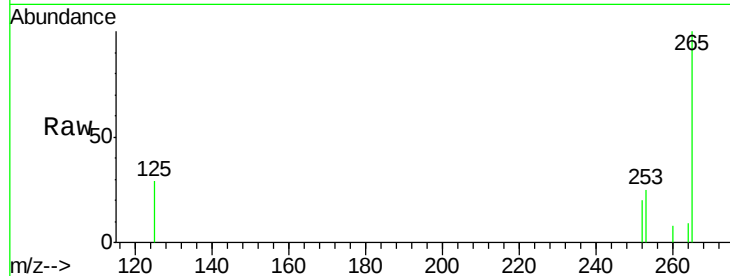
Tgt Ion:252 Resp: 18

Ion Ratio Lower Upper

252 100

253 120.7 0.0 45.4#

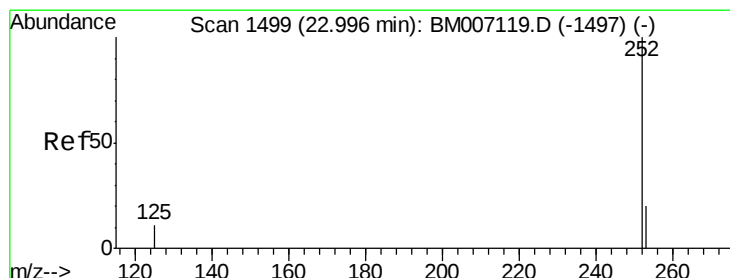
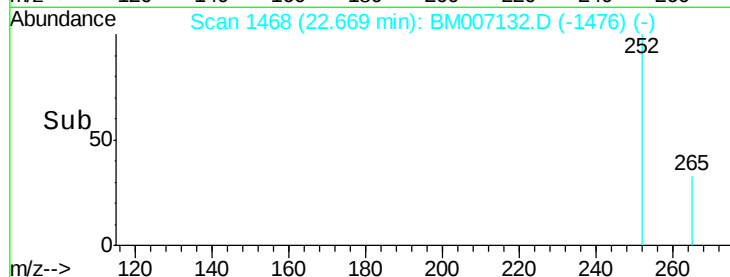
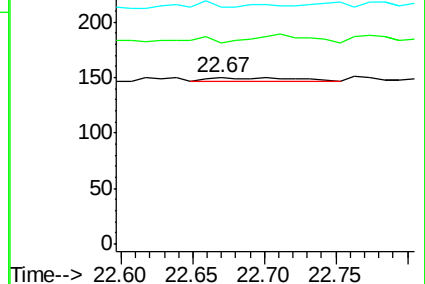
125 142.0 0.0 28.8#



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



#22

Benzo(k)fluoranthene

Concen: 0.00 ng/u1

RT: 22.95 min Scan# 1495

Delta R.T. -0.05 min

Lab File: BM007132.D

Acq: 16 Aug 2016 00:32

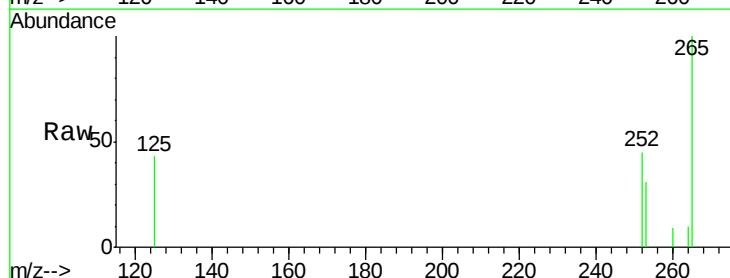
Tgt Ion:252 Resp: 624

Ion Ratio Lower Upper

252 100

253 70.0 19.8 29.8#

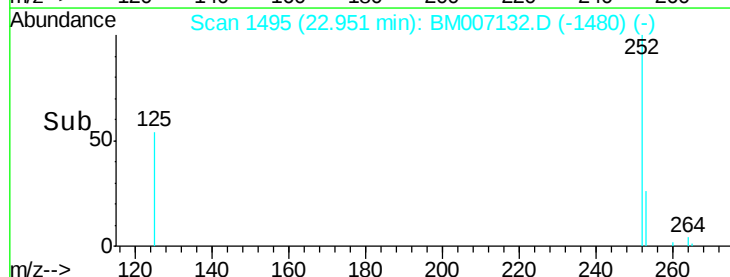
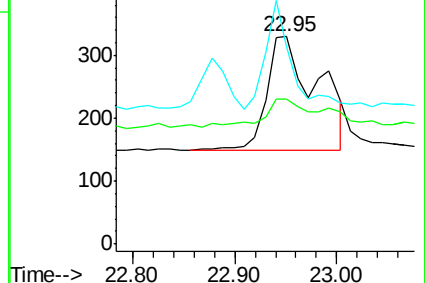
125 94.8 10.4 15.6#

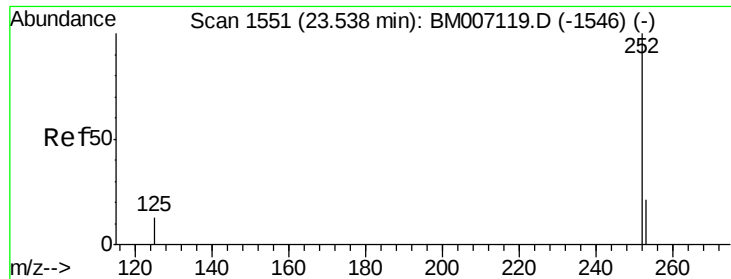


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.48 min Scan# 1546

Delta R.T. -0.06 min

Lab File: BM007132.D

Acq: 16 Aug 2016 00:32

Instrument :

BNA_M

ClientSampleId :

SBLK16

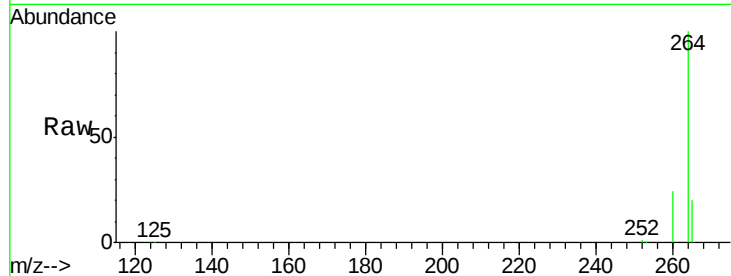
Tgt Ion:252 Resp: 3124

Ion Ratio Lower Upper

252 100

253 36.7 19.4 29.2#

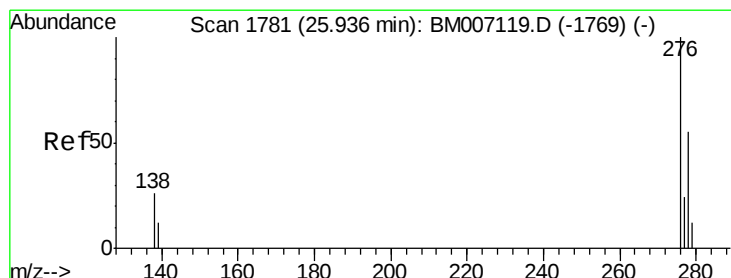
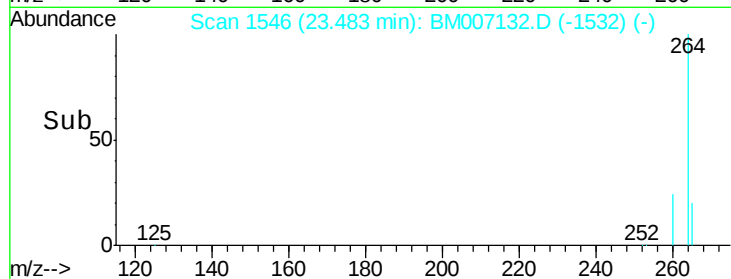
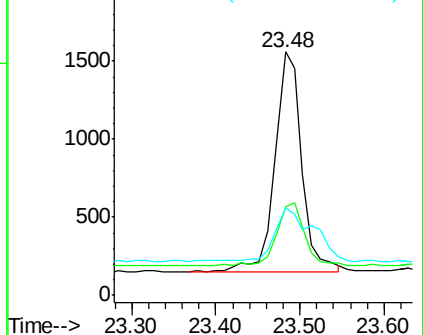
125 35.7 12.7 19.1#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.68 min Scan# 1757

Delta R.T. -0.25 min

Lab File: BM007132.D

Acq: 16 Aug 2016 00:32

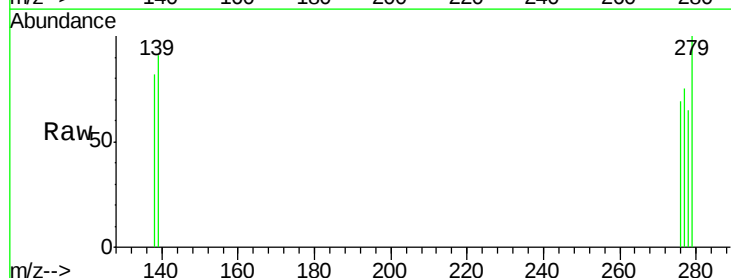
Tgt Ion:276 Resp: 20

Ion Ratio Lower Upper

276 100

138 50.0 16.3 24.5#

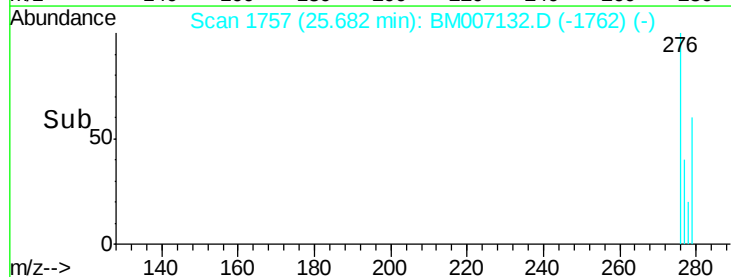
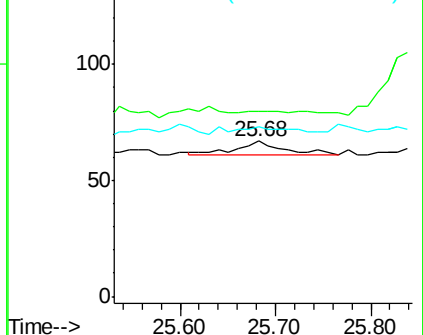
277 40.0 19.8 29.8#

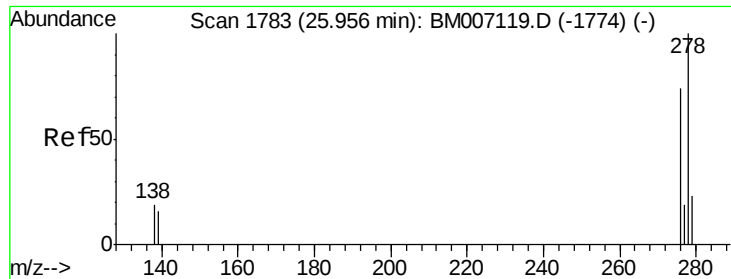


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.94 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BM007132.D

Acq: 16 Aug 2016 00:32

Instrument :

BNA_M

ClientSampleId :

SBLK16

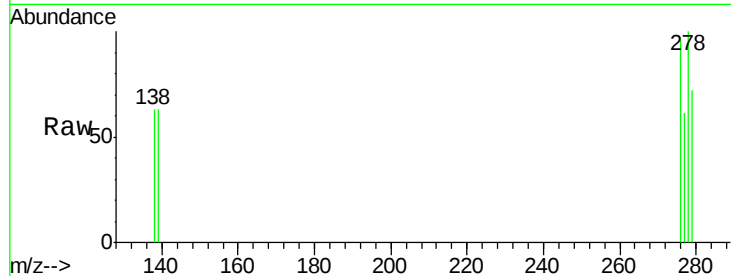
Tgt Ion: 278 Resp: 320

Ion Ratio Lower Upper

278 100

139 62.7 16.4 24.6#

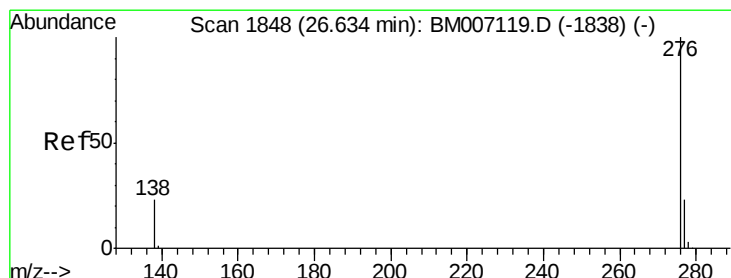
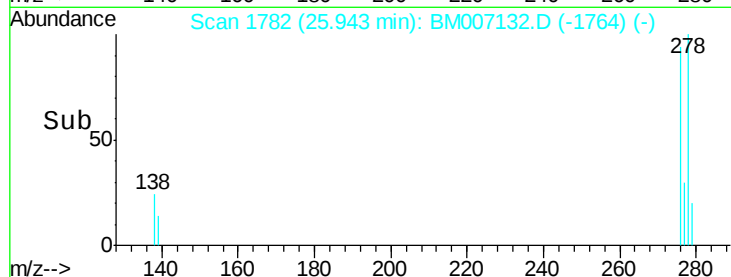
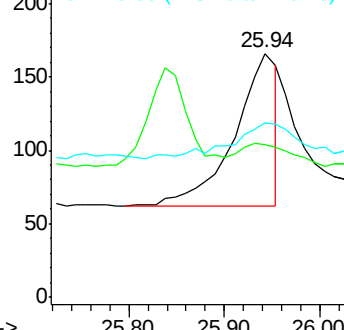
279 71.7 20.2 30.2#



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



#26

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.41 min Scan# 1827

Delta R.T. -0.22 min

Lab File: BM007132.D

Acq: 16 Aug 2016 00:32

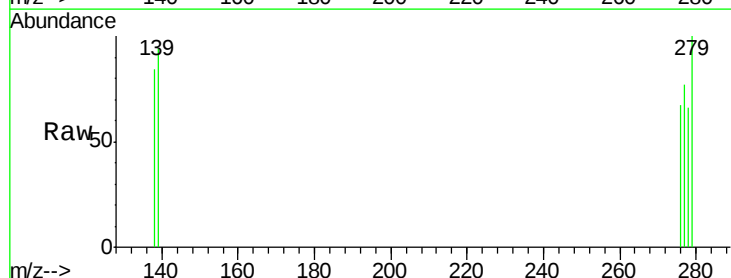
Tgt Ion: 276 Resp: 6

Ion Ratio Lower Upper

276 100

277 114.1 18.9 28.3#

138 125.0 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

