

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
 Data File : BM003173.D
 Acq On : 18 Nov 2015 22:59
 Operator : UM/IZ
 Sample : PB86663BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK34

Quant Time: Nov 19 03:22:05 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 : Thu Nov 19 03:20:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	28250	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	112149	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	67685	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	6252119	0.40	ng/ul	0.10
18) Chrysene-d12	21.32	240	210923	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	219023	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.20	96	141793	4.70	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	36238	0.24	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	67891	0.00	ng/ul	0.00

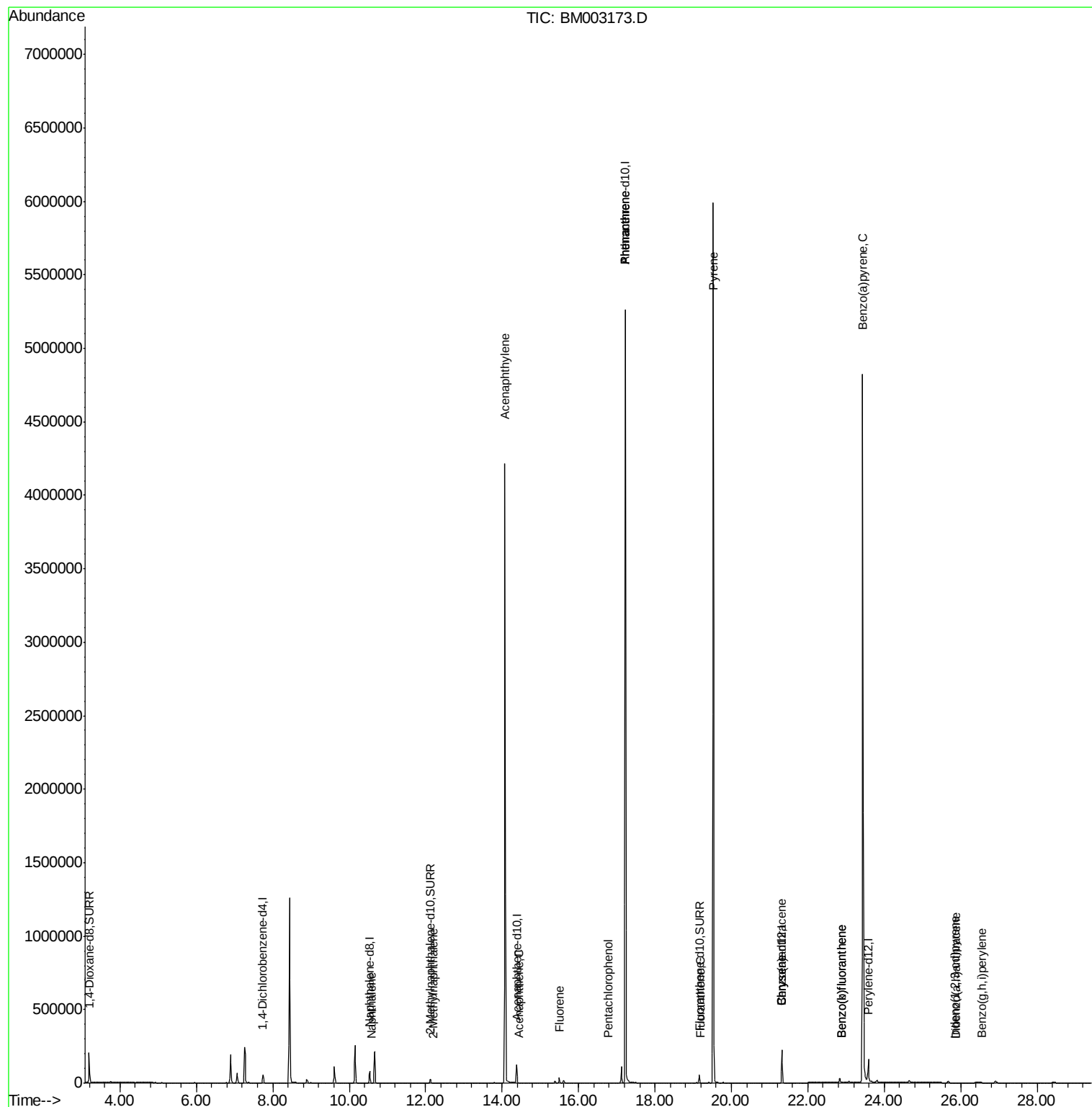
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	10.58	128	189	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.19	142	49	0.00	ng/ul#	100
9) Acenaphthylene	14.07	152	443	0.00	ng/ul#	1
10) Acenaphthene	14.43	153	199	0.00	ng/ul#	62
11) Fluorene	15.49	166	613	0.00	ng/ul#	1
13) Pentachlorophenol	16.78	266	882	0.00	ng/ul#	13
14) Phenanthrene	17.23	178	3288	0.00	ng/ul#	1
15) Anthracene	17.23	178	3003	0.00	ng/ul#	1
17) Fluoranthene	19.19	202	319	0.00	ng/ul#	1
19) Pyrene	19.53	202	11361	0.02	ng/ul#	1
20) Benzo(a)anthracene	21.32	228	1288	0.00	ng/ul#	82
21) Chrysene	21.32	228	1288	0.00	ng/ul#	82
23) Benzo(b)fluoranthene	22.90	252	807	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.90	252	784	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.44	252	27725	0.04	ng/ul#	78
26) Indeno(1,2,3-cd)pyrene	25.86	276	809	0.00	ng/ul#	100
27) Dibenzo(a,h)anthracene	25.88	278	830	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.56	276	645	0.00	ng/ul#	1

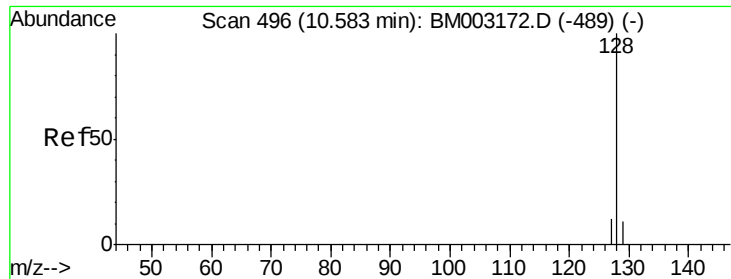
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM003173.D

Acq: 18 Nov 2015 22:59

Instrument :

BNA_M

ClientSampleId :

SBLK34

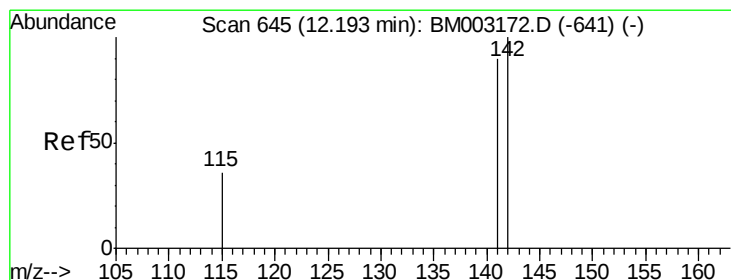
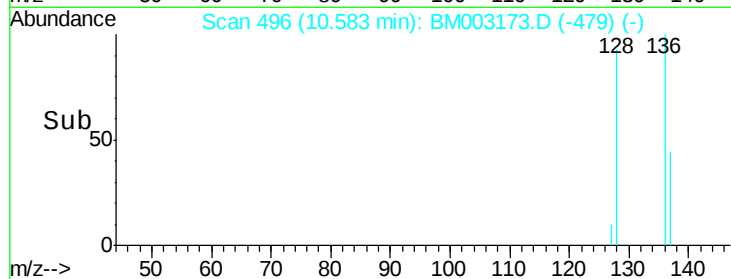
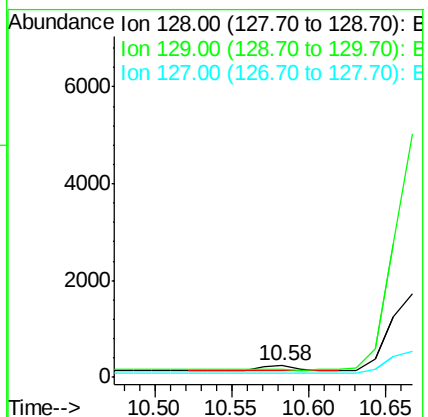
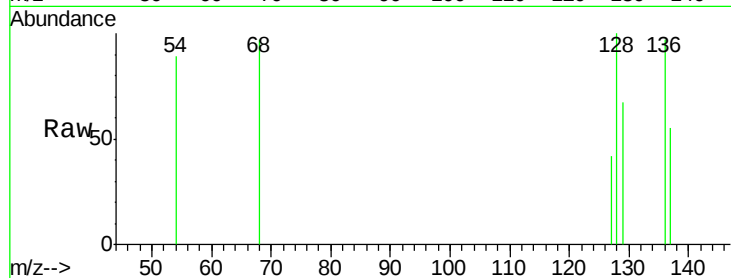
Tgt Ion:128 Resp: 189

Ion Ratio Lower Upper

128 100

129 66.9 9.0 13.6#

127 41.5 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: BM003173.D

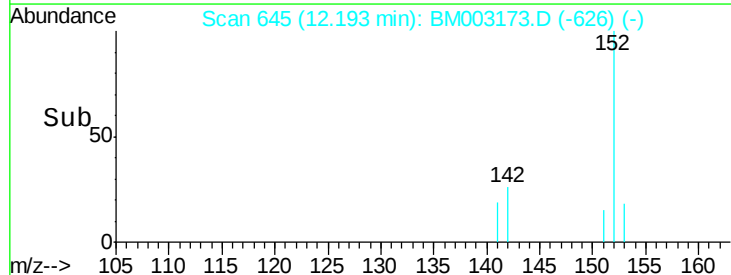
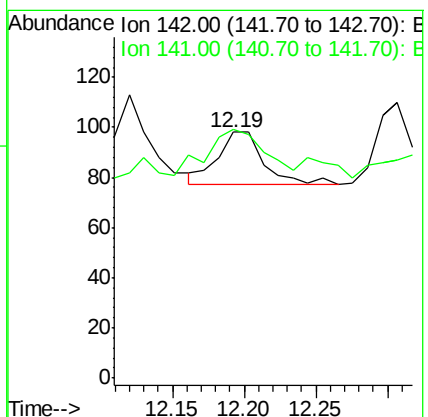
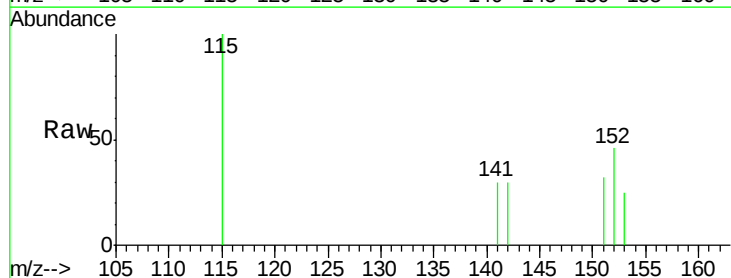
Acq: 18 Nov 2015 22:59

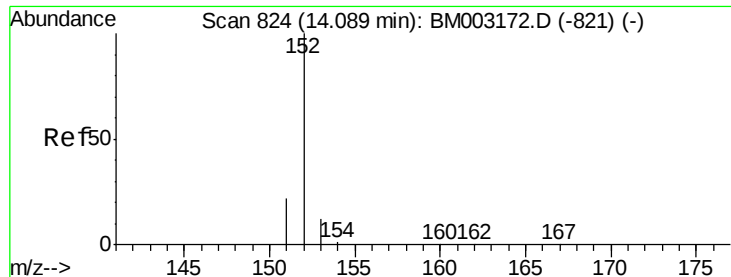
Tgt Ion:142 Resp: 49

Ion Ratio Lower Upper

142 100

141 100.0 0.0 0.0#





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.07 min Scan# 823

Delta R.T. -0.02 min

Lab File: BM003173.D

Acq: 18 Nov 2015 22:59

Instrument :

BNA_M

ClientSampleId :

SBLK34

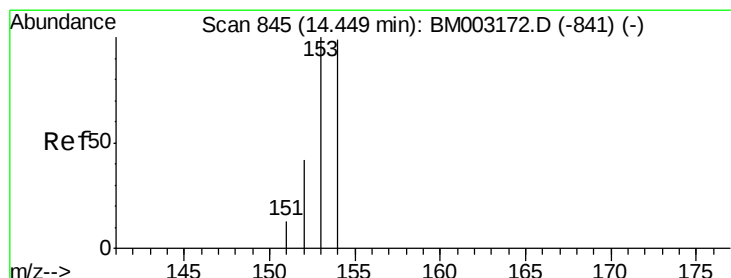
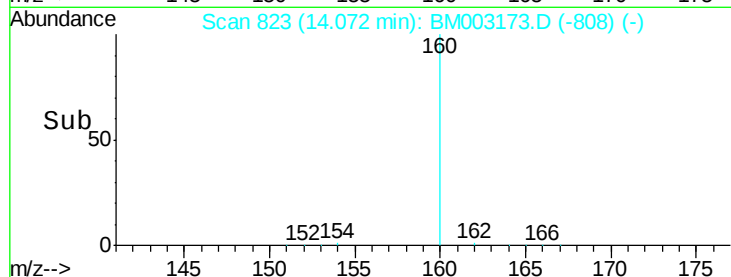
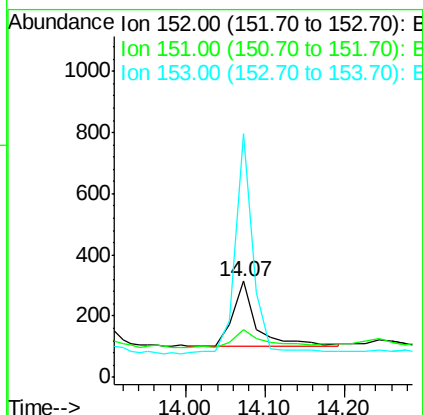
Tgt Ion:152 Resp: 443

Ion Ratio Lower Upper

152 100

151 49.8 17.6 26.4#

153 254.3 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: BM003173.D

Acq: 18 Nov 2015 22:59

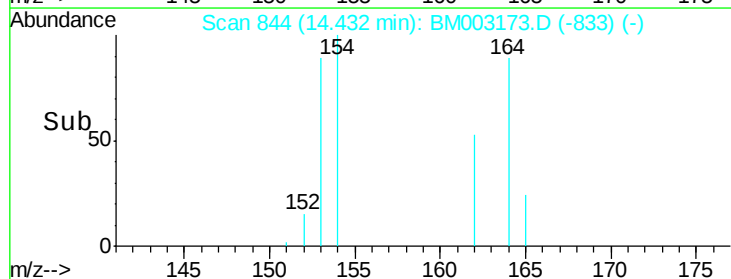
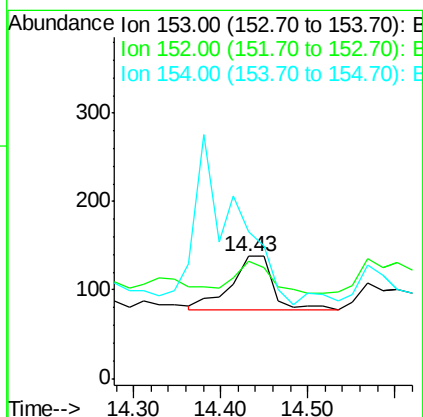
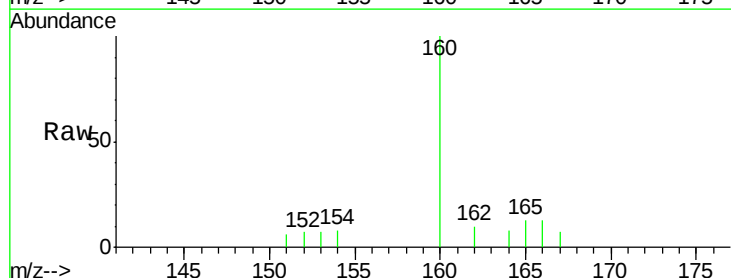
Tgt Ion:153 Resp: 199

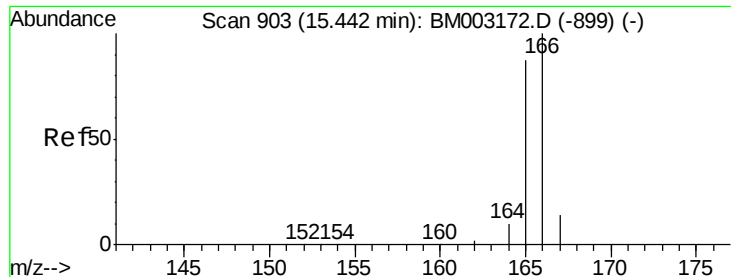
Ion Ratio Lower Upper

153 100

152 95.7 33.9 50.9#

154 120.3 80.6 121.0

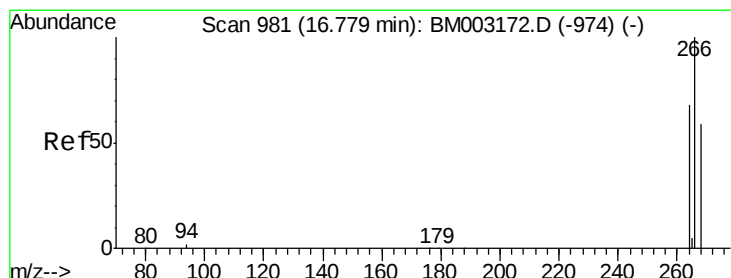
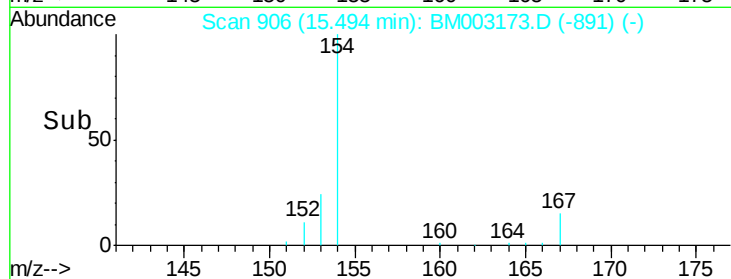
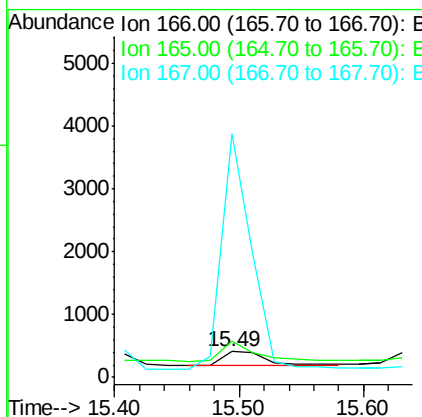
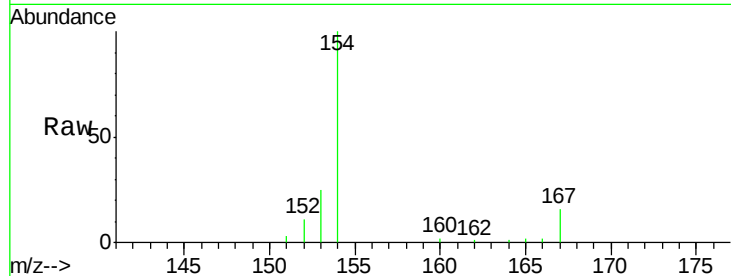




#11
 Fluorene
 Concen: 0.00 ng/ul
 RT: 15.49 min Scan# 906
 Delta R.T. 0.05 min
 Lab File: BM003173.D
 Acq: 18 Nov 2015 22:59

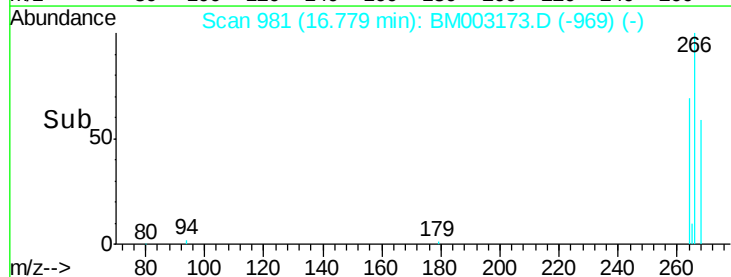
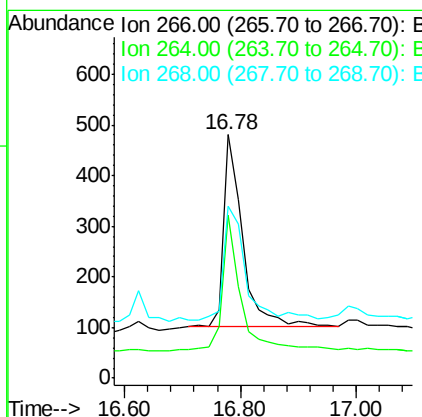
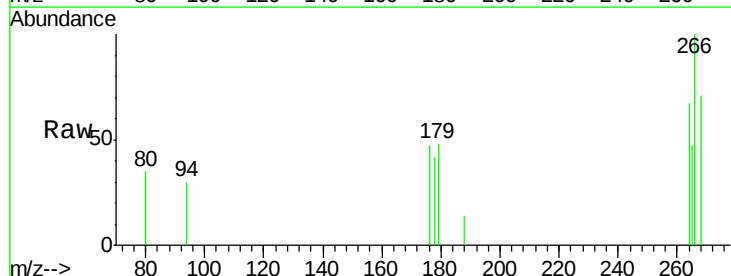
Instrument :
 BNA_M
 ClientSampleId :
 SBLK34

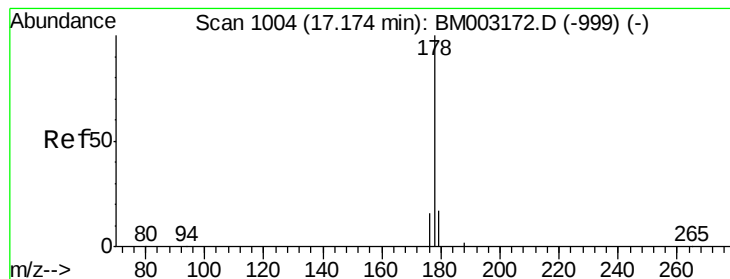
Tgt Ion:166 Resp: 613
 Ion Ratio Lower Upper
 166 100
 165 140.8 69.6 104.4#
 167 947.7 11.9 17.9#



#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.78 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BM003173.D
 Acq: 18 Nov 2015 22:59

Tgt Ion:266 Resp: 882
 Ion Ratio Lower Upper
 266 100
 264 65.6 0.3 0.5#
 268 66.4 0.0 0.0#





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.23 min Scan# 1007

Delta R.T. 0.05 min

Lab File: BM003173.D

Acq: 18 Nov 2015 22:59

Instrument :

BNA_M

ClientSampleId :

SBLK34

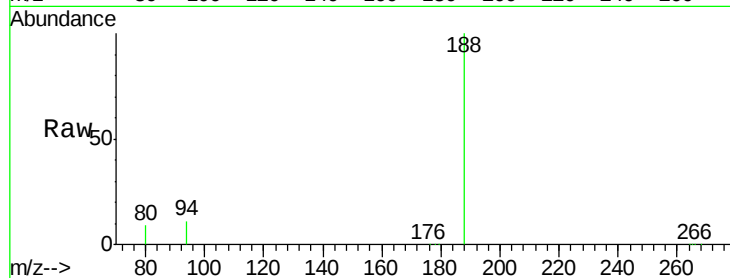
Tgt Ion:178 Resp: 3288

Ion Ratio Lower Upper

178 100

176 11.0 13.0 19.4#

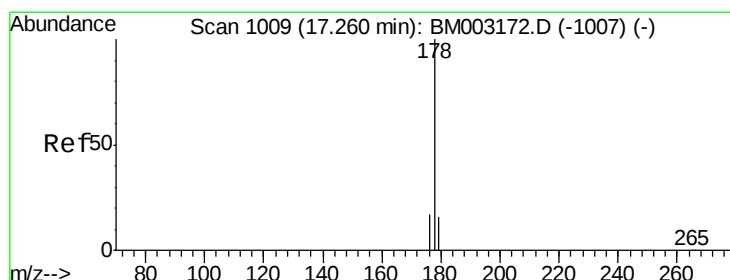
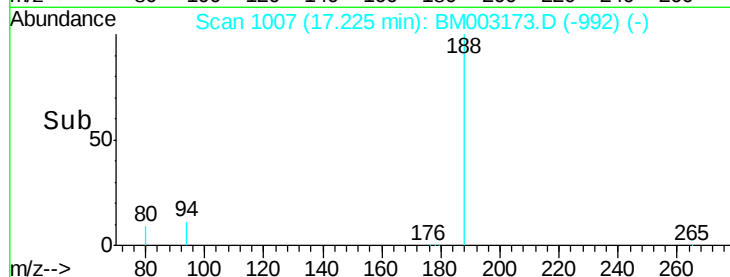
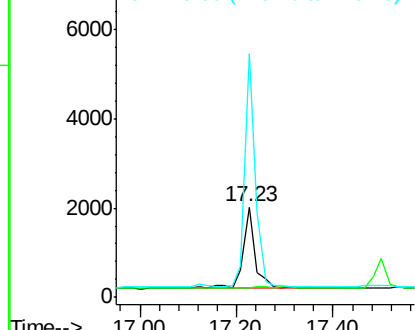
179 269.0 14.2 21.2#



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: BM003173.D

Acq: 18 Nov 2015 22:59

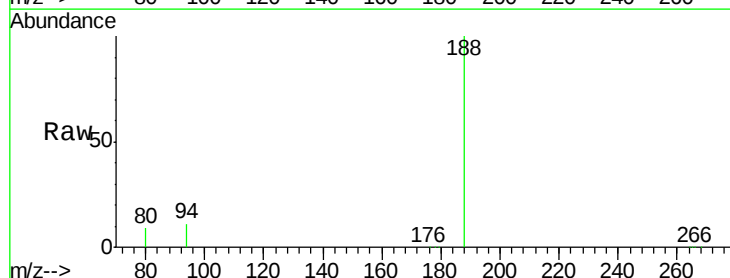
Tgt Ion:178 Resp: 3003

Ion Ratio Lower Upper

178 100

176 11.0 14.0 21.0#

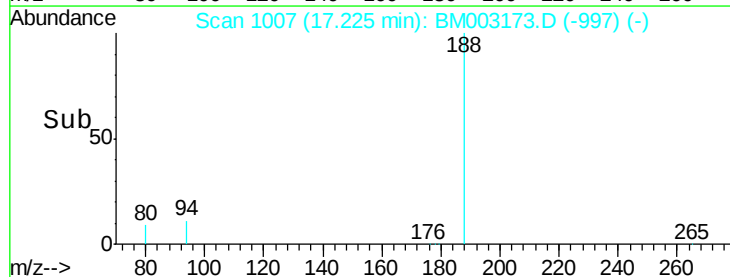
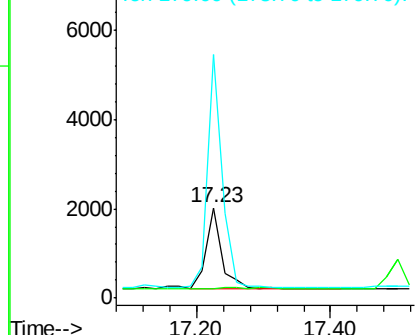
179 269.0 12.9 19.3#

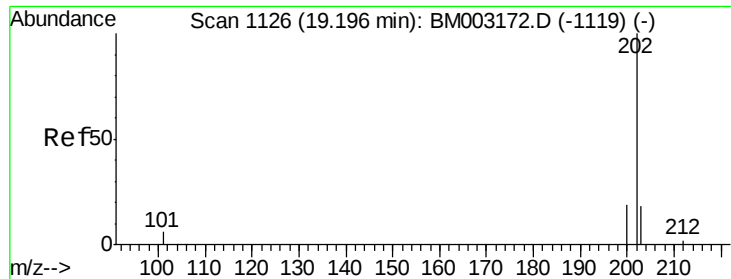


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

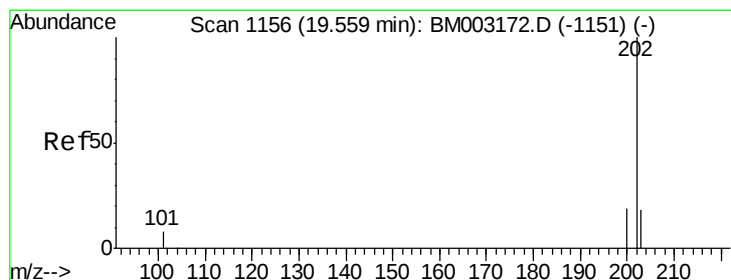
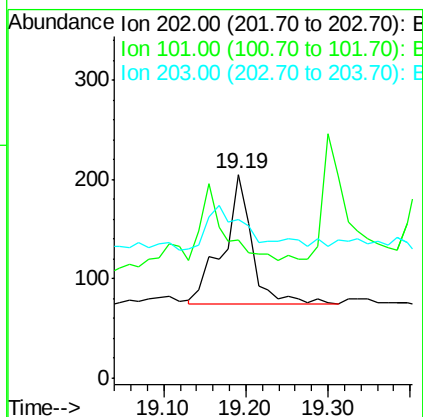
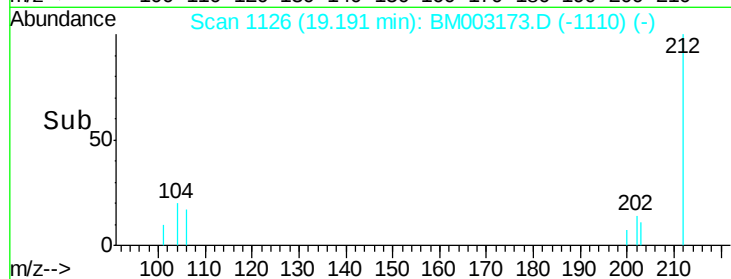
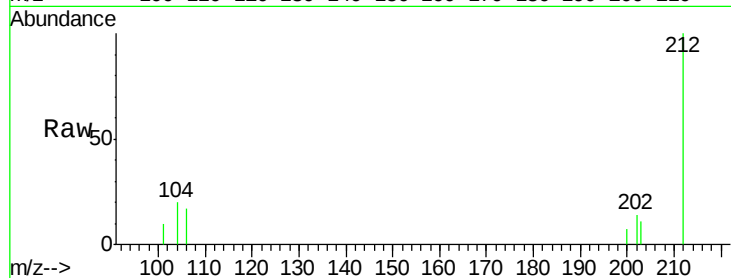




#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.19 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BM003173.D
Acq: 18 Nov 2015 22:59

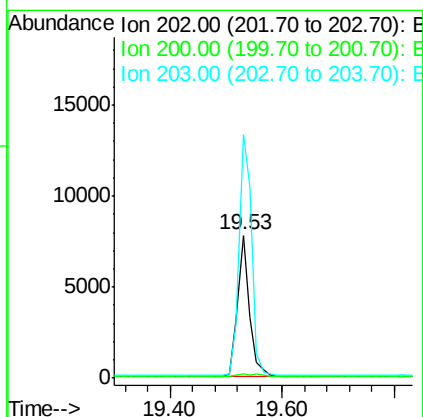
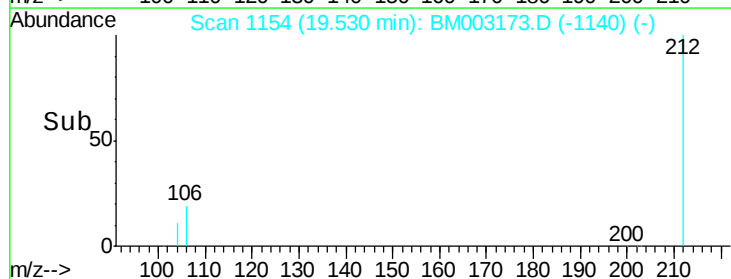
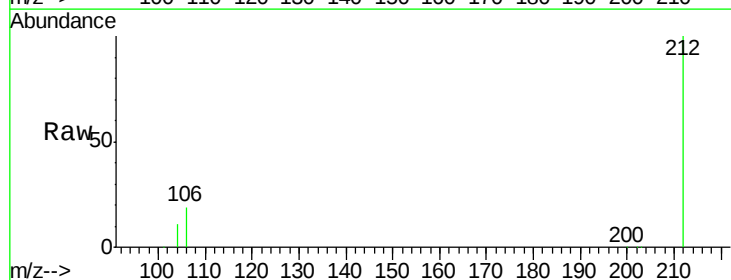
Instrument :
BNA_M
ClientSampleId :
SBLK34

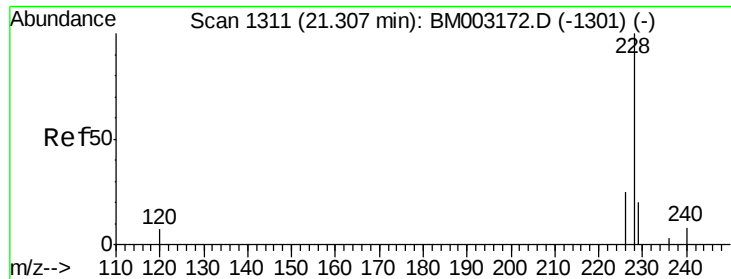
Tgt Ion:202 Resp: 319
Ion Ratio Lower Upper
202 100
101 67.8 0.0 29.6#
203 78.0 0.0 36.3#



#19
Pyrene
Concen: 0.02 ng/ul
RT: 19.53 min Scan# 1154
Delta R.T. -0.03 min
Lab File: BM003173.D
Acq: 18 Nov 2015 22:59

Tgt Ion:202 Resp: 11361
Ion Ratio Lower Upper
202 100
200 3.2 17.8 26.8#
203 170.9 12.8 19.2#





#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.32 min Scan# 1313

Delta R.T. 0.02 min

Lab File: BM003173.D

Acq: 18 Nov 2015 22:59

Instrument :

BNA_M

ClientSampleId :

SBLK34

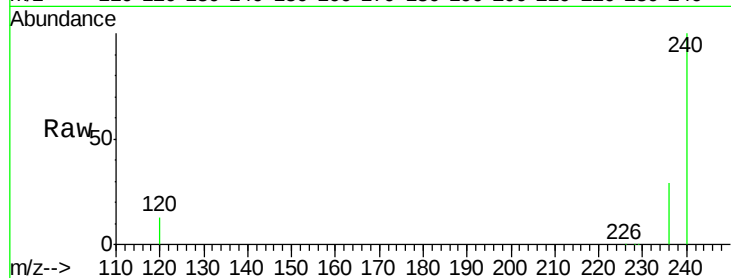
Tgt Ion:228 Resp: 1288

Ion Ratio Lower Upper

228 100

226 24.4 18.8 28.2

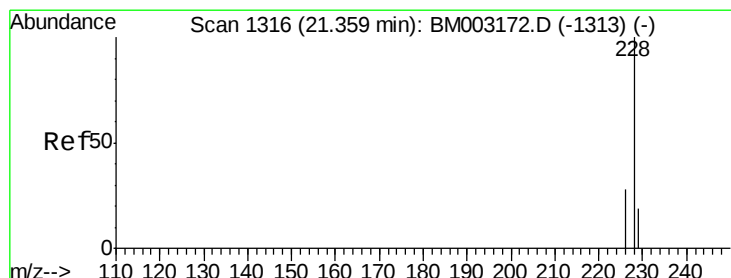
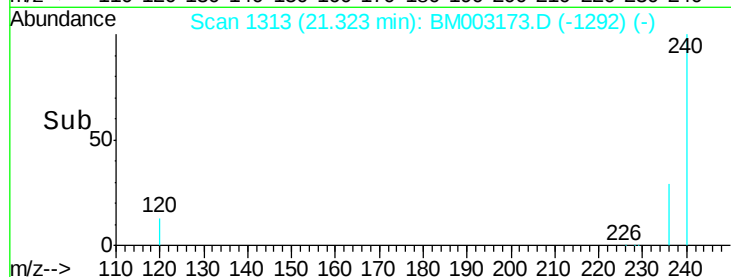
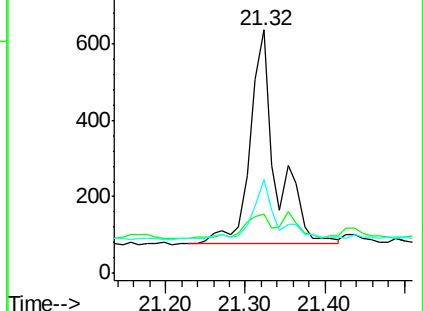
229 38.4 17.1 25.7#



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: 21.32 min Scan# 1313

Delta R.T. -0.04 min

Lab File: BM003173.D

Acq: 18 Nov 2015 22:59

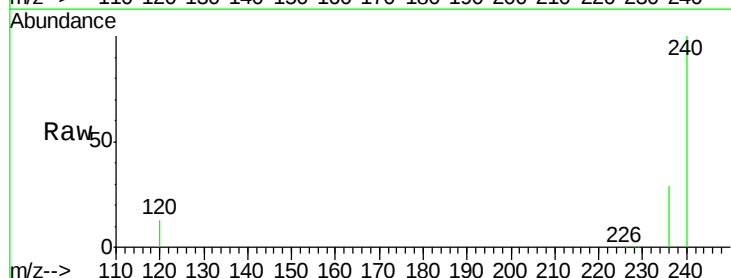
Tgt Ion:228 Resp: 1288

Ion Ratio Lower Upper

228 100

226 24.4 21.2 31.8

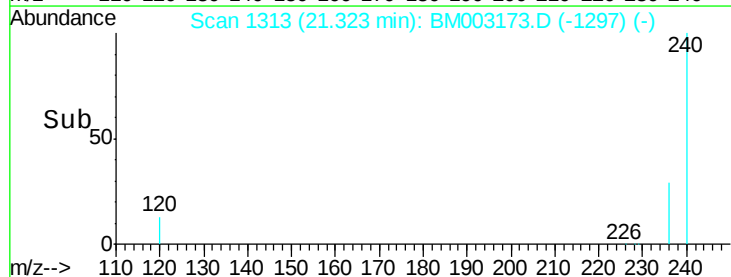
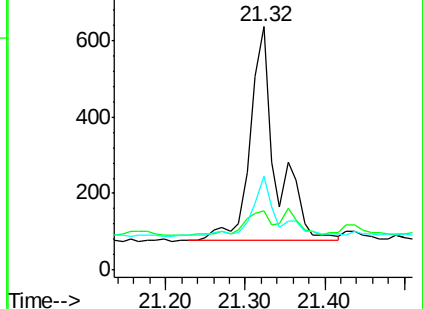
229 38.4 17.0 25.6#

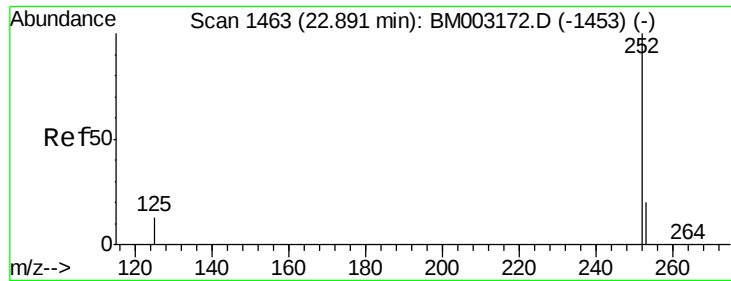


Abundance Ion 228.00 (227.70 to 228.70): E

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/u1

RT: 22.90 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BM003173.D

Acq: 18 Nov 2015 22:59

Instrument :

BNA_M

ClientSampleId :

SBLK34

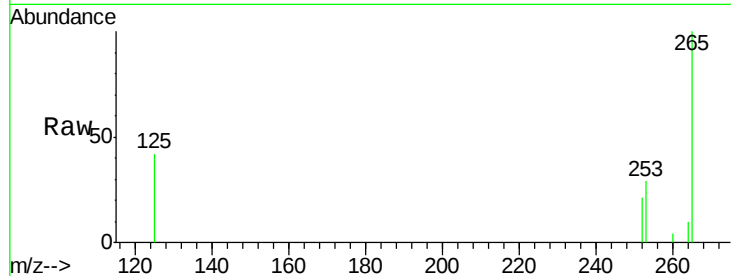
Tgt Ion:252 Resp: 807

Ion Ratio Lower Upper

252 100

253 138.0 0.0 45.4#

125 200.1 0.0 28.8#

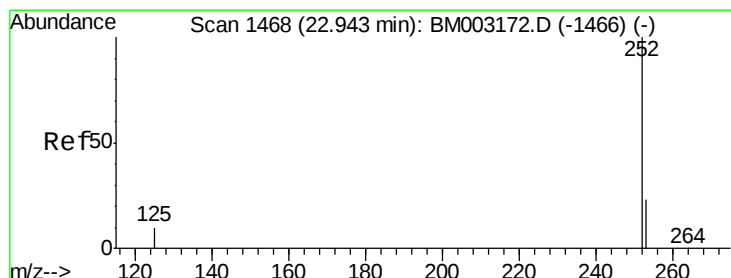
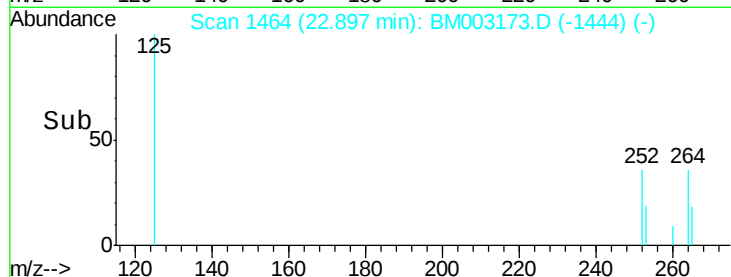
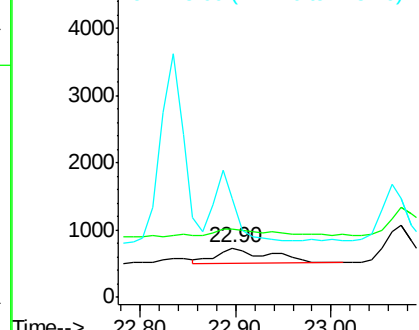


Abundance

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/u1

RT: 22.90 min Scan# 1464

Delta R.T. -0.05 min

Lab File: BM003173.D

Acq: 18 Nov 2015 22:59

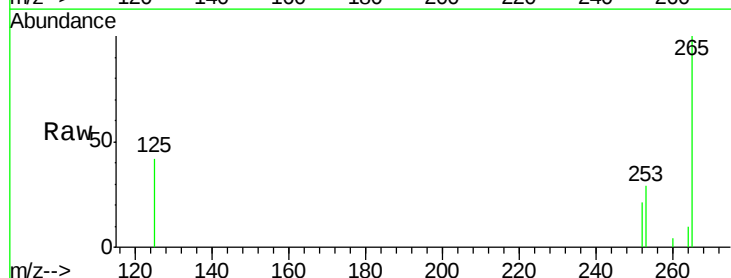
Tgt Ion:252 Resp: 784

Ion Ratio Lower Upper

252 100

253 138.0 19.8 29.8#

125 200.1 10.4 15.6#

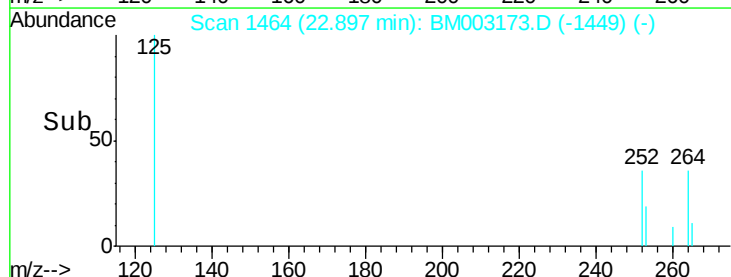
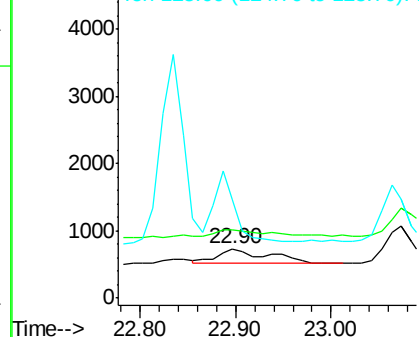


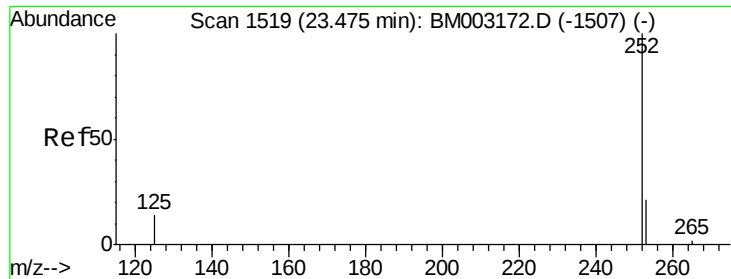
Abundance

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: 0.04 ng/u1

RT: 23.44 min Scan# 1516

Delta R.T. -0.04 min

Lab File: BM003173.D

Acq: 18 Nov 2015 22:59

Instrument :

BNA_M

ClientSampleId :

SBLK34

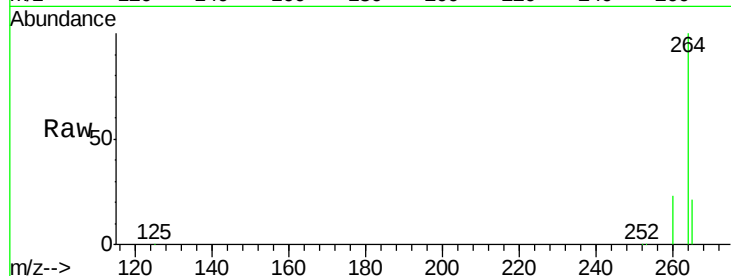
Tgt Ion:252 Resp: 27725

Ion Ratio Lower Upper

252 100

253 33.2 19.4 29.2#

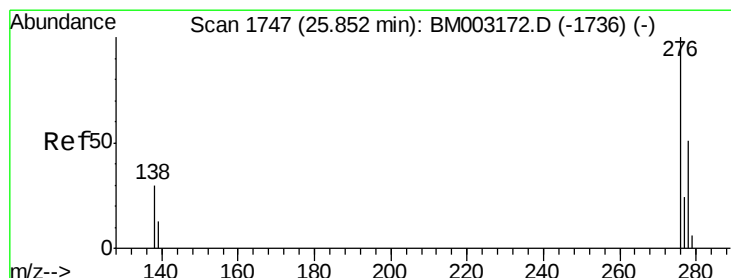
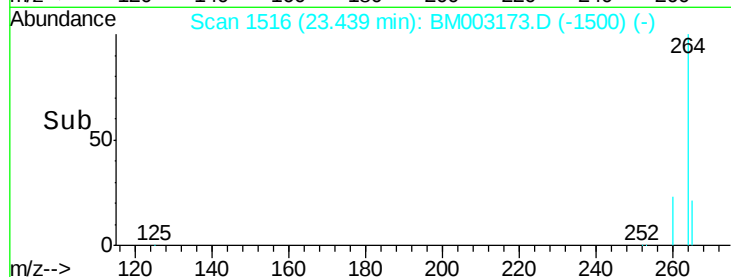
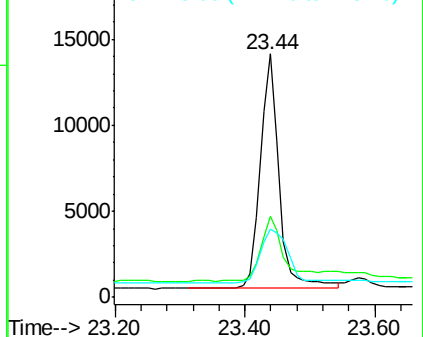
125 28.1 12.7 19.1#



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: 25.86 min Scan# 1748

Delta R.T. 0.01 min

Lab File: BM003173.D

Acq: 18 Nov 2015 22:59

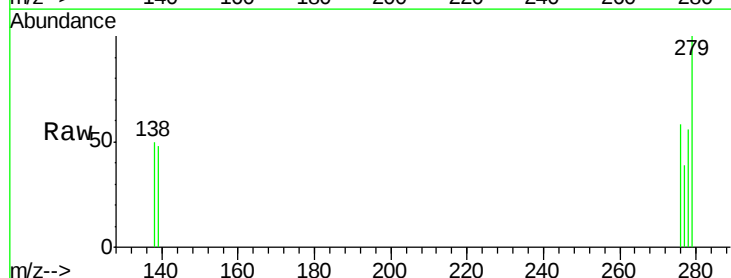
Tgt Ion:276 Resp: 809

Ion Ratio Lower Upper

276 100

138 30.7 0.0 0.0#

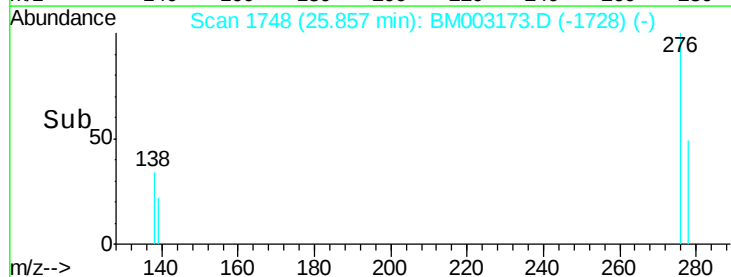
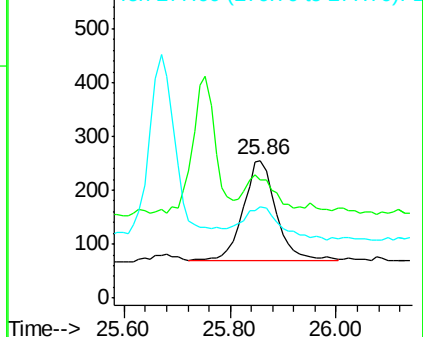
277 37.1 0.0 0.0#

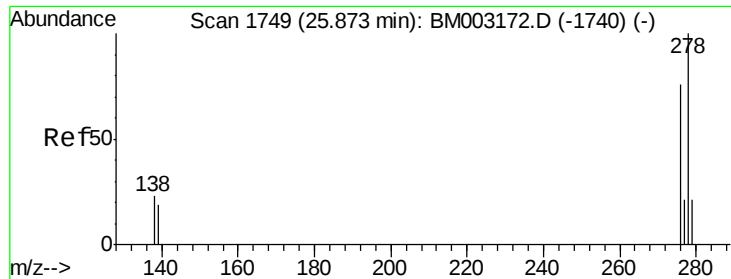


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

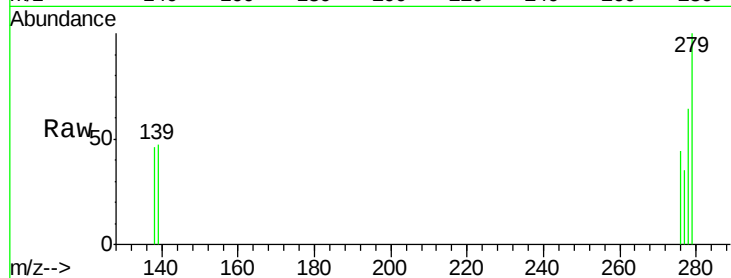




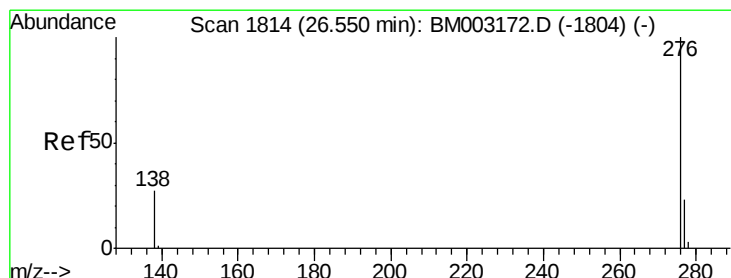
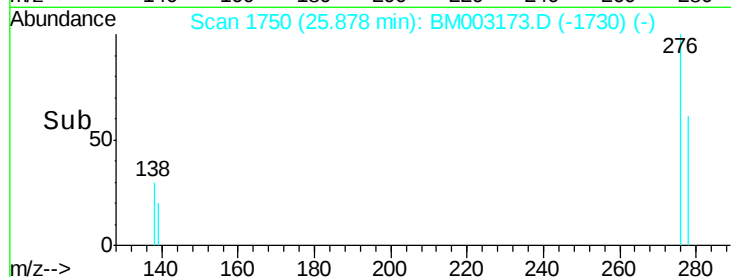
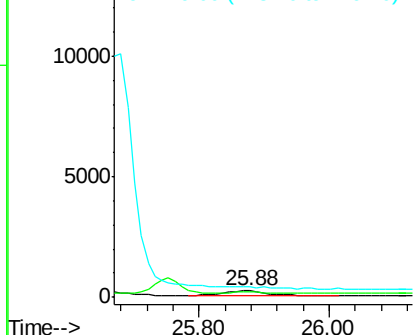
#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.88 min Scan# 1750
Delta R.T. 0.01 min
Lab File: BM003173.D
Acq: 18 Nov 2015 22:59

Instrument :
BNA_M
ClientSampleId :
SBLK34

Tgt Ion: 278 Resp: 830
Ion Ratio Lower Upper
278 100
139 73.7 16.4 24.6#
279 156.5 20.2 30.2#

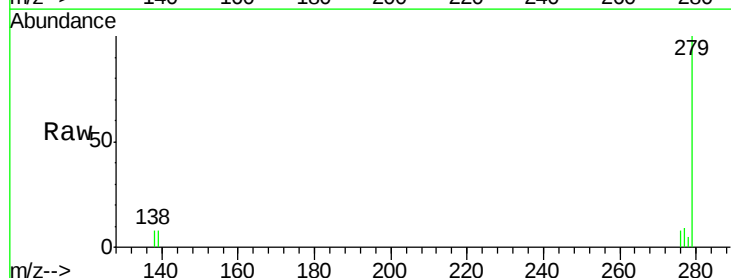


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.56 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BM003173.D
Acq: 18 Nov 2015 22:59

Tgt Ion: 276 Resp: 645
Ion Ratio Lower Upper
276 100
277 104.3 18.9 28.3#
138 101.4 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

