

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032416\
 Data File : BM004753.D
 Acq On : 24 Mar 2016 12:50
 Operator : UM/SJ
 Sample : PB89139BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK40

Quant Time: Mar 25 02:30:19 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 02:29:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1235	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5084	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2638	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.30	188	413696	5.00	ng/ul	0.09
18) Chrysene-d12	21.40	240	3567	5.00	ng/ul	0.00
22) Perylene-d12	23.54	264	364117	5.00	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.32	96	8421	14.07	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	2275	0.39	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	4201	0.01	ng/ul	0.00

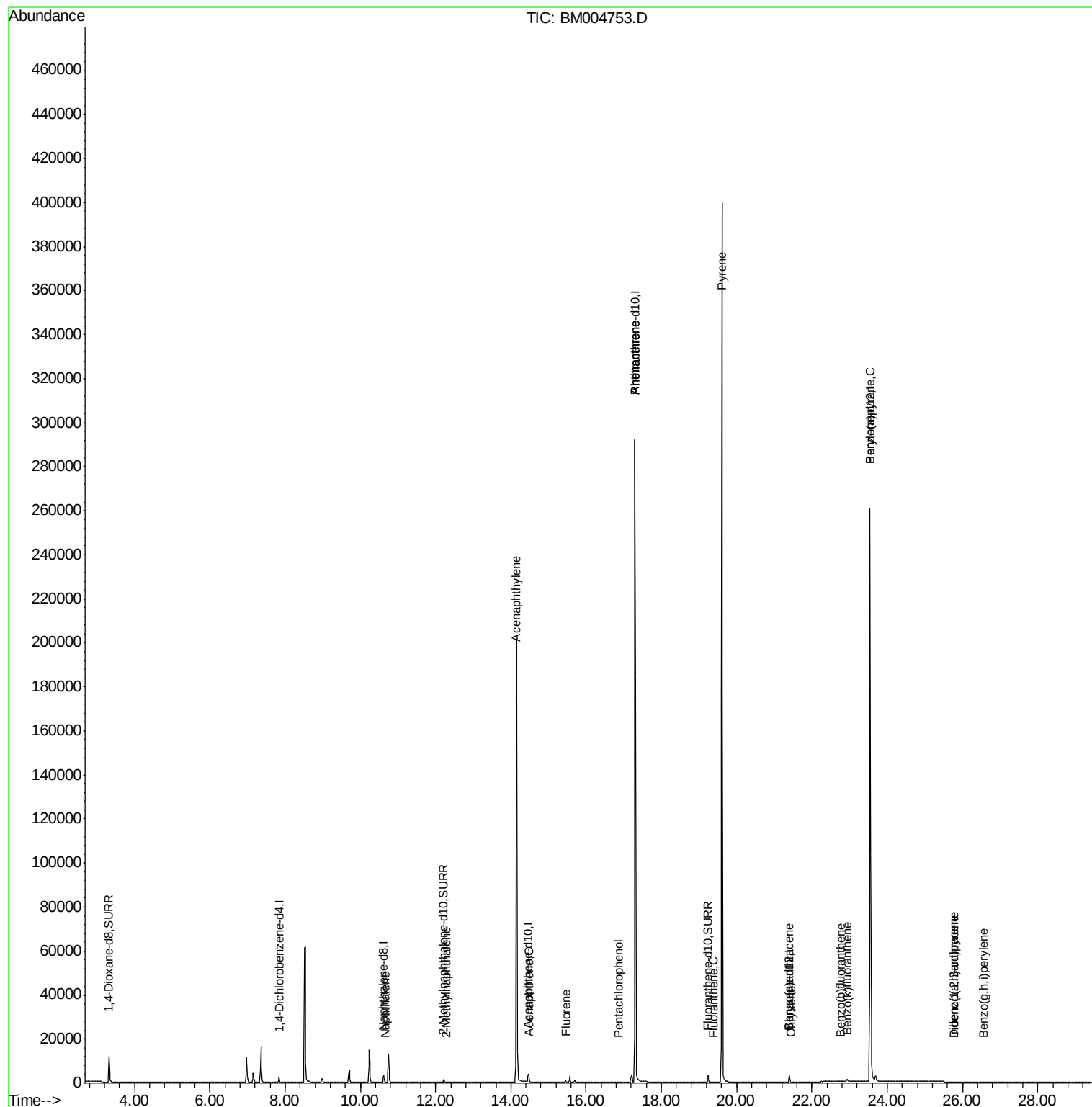
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	10.67	128	23	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.29	142	8	0.00	ng/ul#	20
9) Acenaphthylene	14.14	152	30	0.00	ng/ul#	1
10) Acenaphthene	14.49	153	3	0.00	ng/ul#	70
11) Fluorene	15.46	166	757	0.08	ng/ul#	23
13) Pentachlorophenol	16.87	266	25	0.00	ng/ul#	73
14) Phenanthrene	17.30	178	216	0.00	ng/ul#	1
15) Anthracene	17.30	178	201	0.00	ng/ul#	1
17) Fluoranthene	19.37	202	5	0.00	ng/ul#	1
19) Pyrene	19.60	202	692	0.06	ng/ul#	1
20) Benzo(a)anthracene	21.40	228	21	0.00	ng/ul#	1
21) Chrysene	21.43	228	11	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	22.77	252	9	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.93	252	16	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.54	252	1423	0.00	ng/ul#	62
26) Indeno(1,2,3-cd)pyrene	25.79	276	1	0.00	ng/ul#	1
27) Dibenzo(a,h)anthracene	25.79	278	6	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.55	276	3	0.00	ng/ul#	1

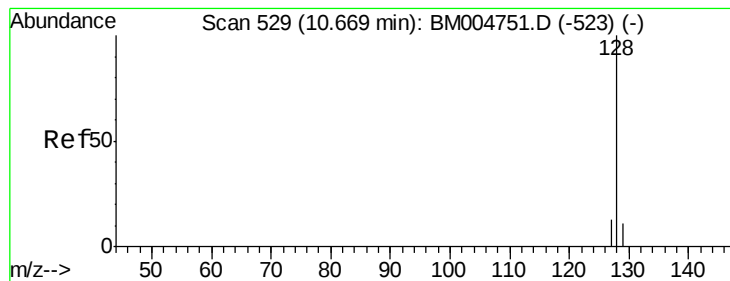
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004753.D

Acq: 24 Mar 2016 12:50

Instrument :

BNA_M

ClientSampleId :

SBLK40

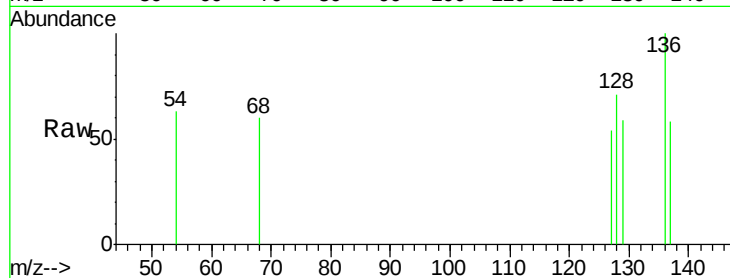
Tgt Ion:128 Resp: 23

Ion Ratio Lower Upper

128 100

129 83.1 9.0 13.6#

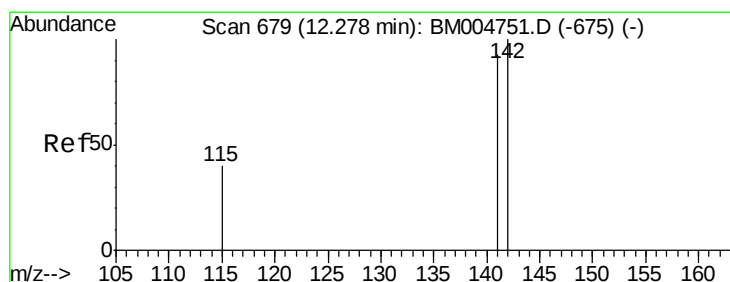
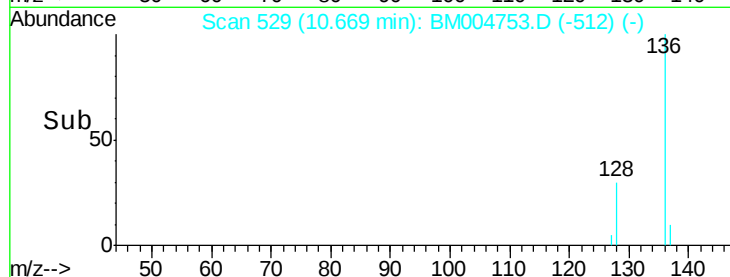
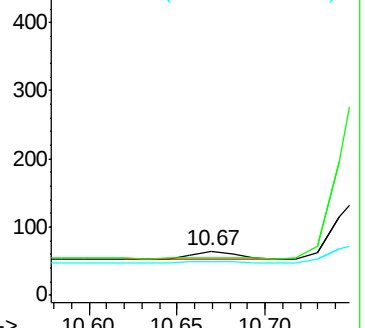
127 76.9 9.6 14.4#



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



#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.29 min Scan# 680

Delta R.T. 0.01 min

Lab File: BM004753.D

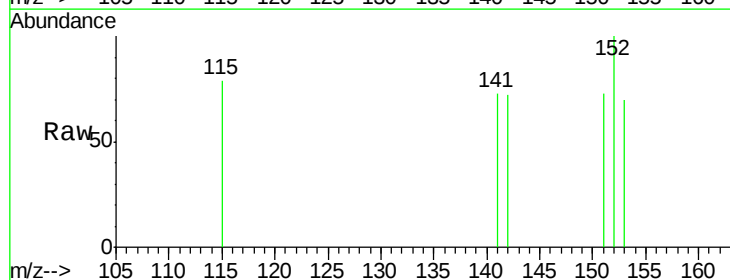
Acq: 24 Mar 2016 12:50

Tgt Ion:142 Resp: 8

Ion Ratio Lower Upper

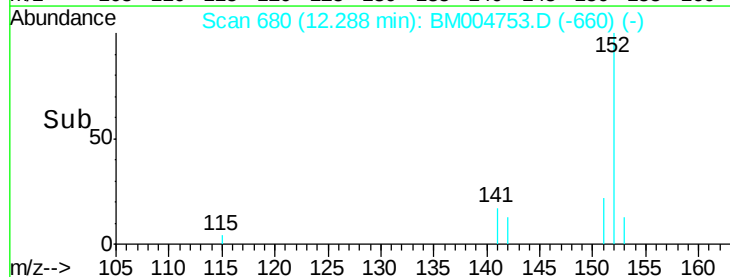
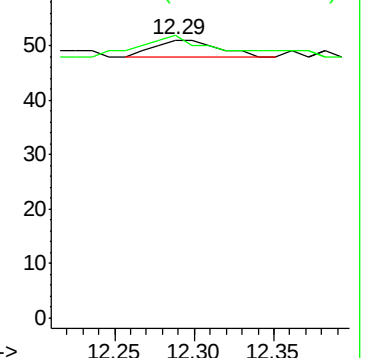
142 100

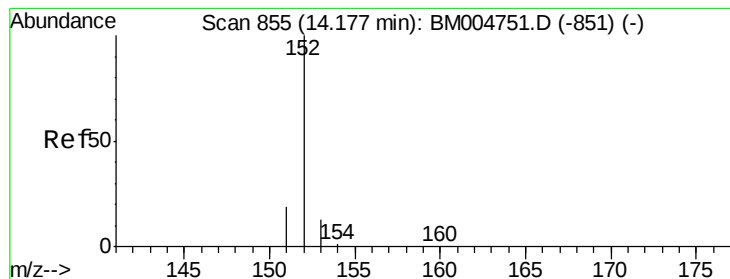
141 162.5 70.3 105.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.14 min Scan# 853

Delta R.T. -0.03 min

Lab File: BM004753.D

Acq: 24 Mar 2016 12:50

Instrument :

BNA_M

ClientSampled :

SBLK40

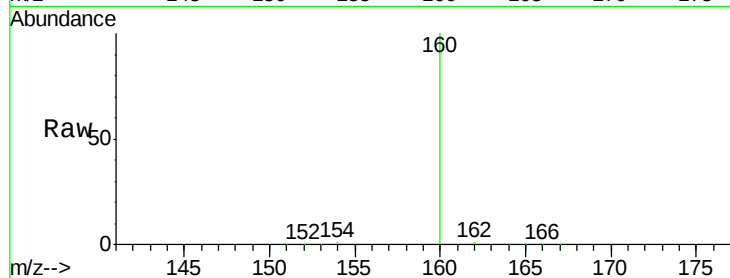
Tgt Ion:152 Resp: 30

Ion Ratio Lower Upper

152 100

151 80.6 17.6 26.4#

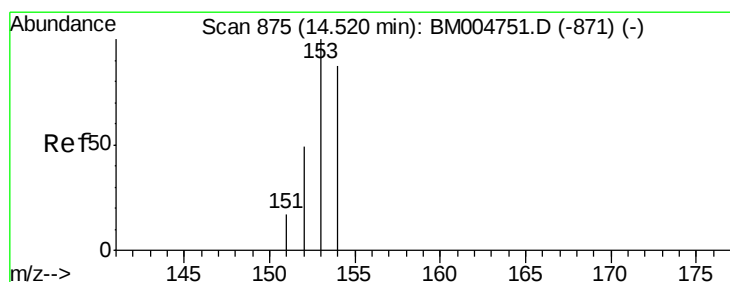
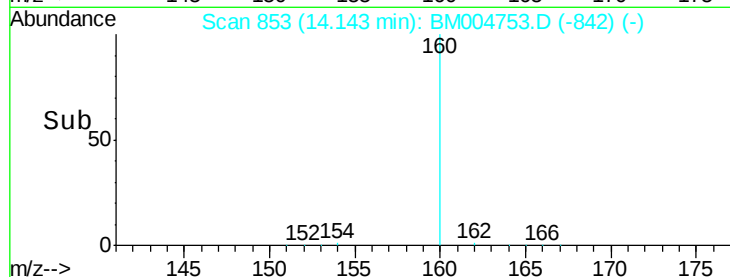
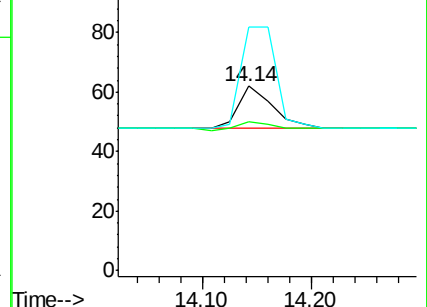
153 132.3 9.7 14.5#



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: 14.49 min Scan# 873

Delta R.T. -0.03 min

Lab File: BM004753.D

Acq: 24 Mar 2016 12:50

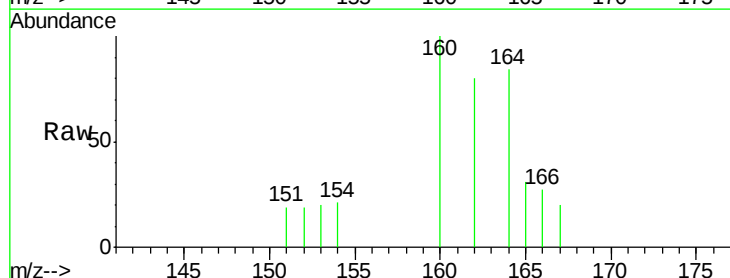
Tgt Ion:153 Resp: 3

Ion Ratio Lower Upper

153 100

152 98.0 33.9 50.9#

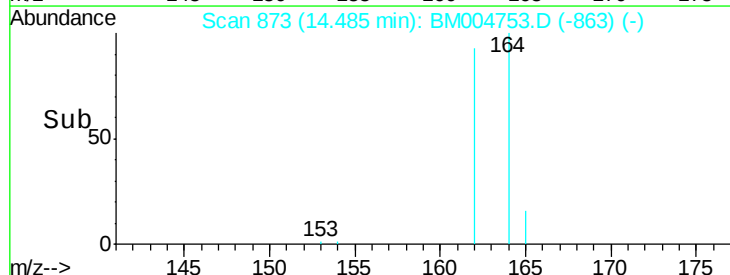
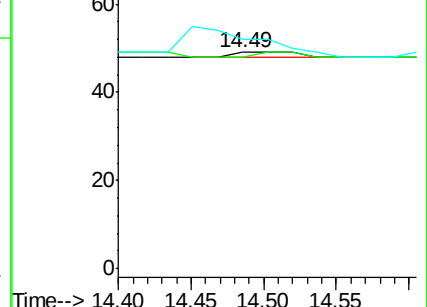
154 106.1 80.6 121.0

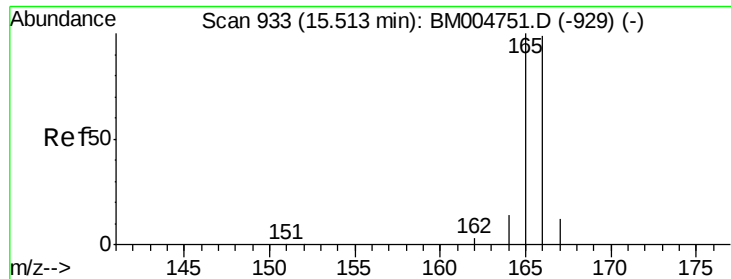


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.08 ng/ul

RT: 15.46 min Scan# 930

Delta R.T. -0.05 min

Lab File: BM004753.D

Acq: 24 Mar 2016 12:50

Instrument :

BNA_M

ClientSampleId :

SBLK40

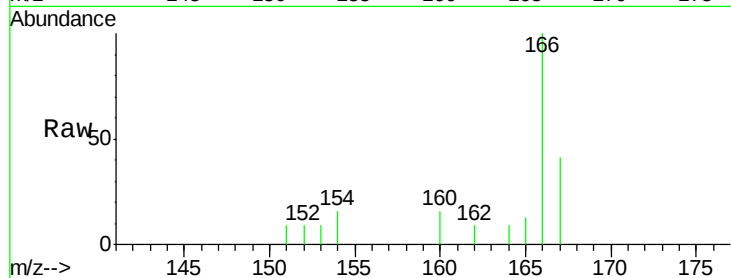
Tgt Ion:166 Resp: 757

Ion Ratio Lower Upper

166 100

165 13.3 69.6 104.4#

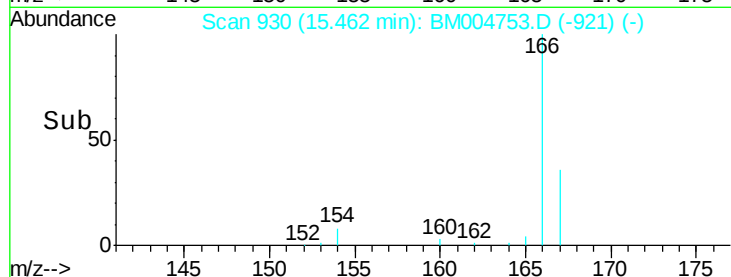
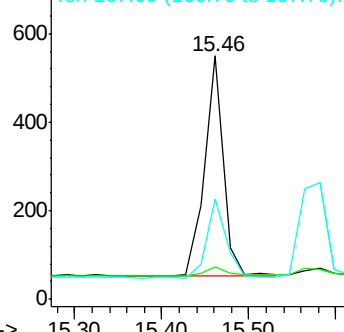
167 41.1 11.9 17.9#



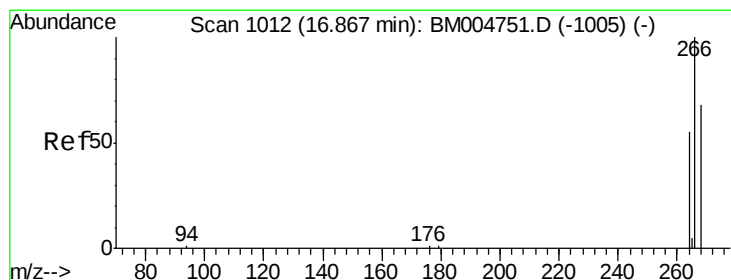
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.87 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BM004753.D

Acq: 24 Mar 2016 12:50

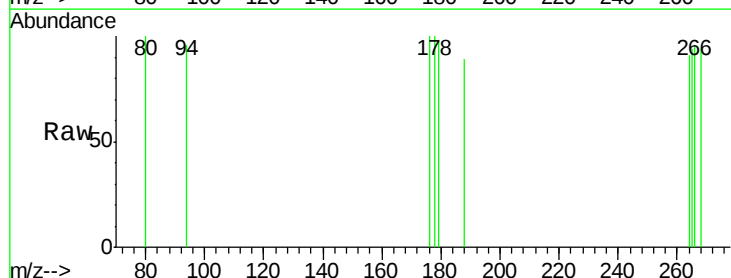
Tgt Ion:266 Resp: 25

Ion Ratio Lower Upper

266 100

264 80.0 51.8 77.8#

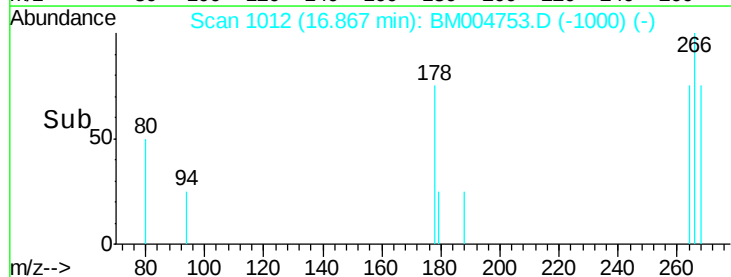
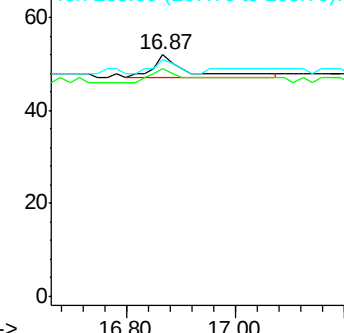
268 32.0 46.8 70.2#



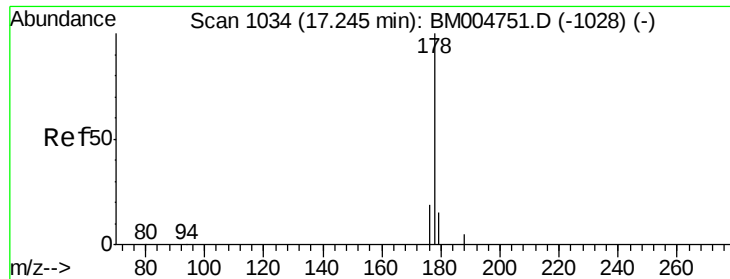
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->



#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. 0.05 min

Lab File: BM004753.D

Acq: 24 Mar 2016 12:50

Instrument :

BNA_M

ClientSampleId :

SBLK40

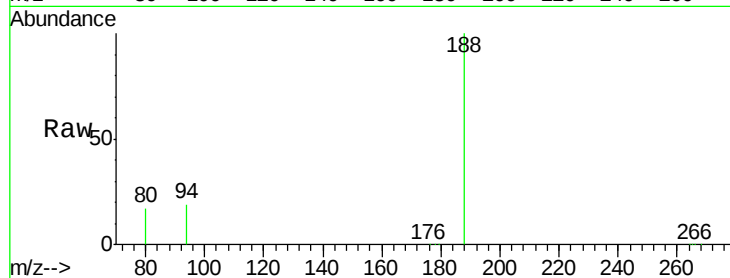
Tgt Ion:178 Resp: 216

Ion Ratio Lower Upper

178 100

176 35.5 13.0 19.4#

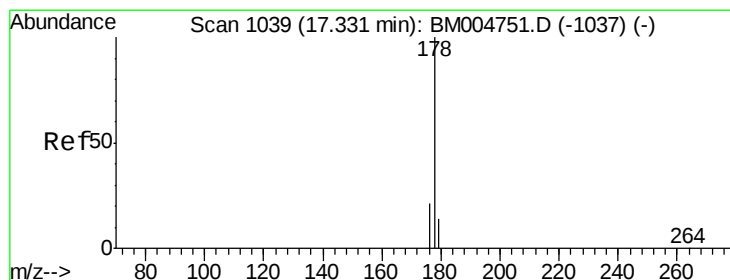
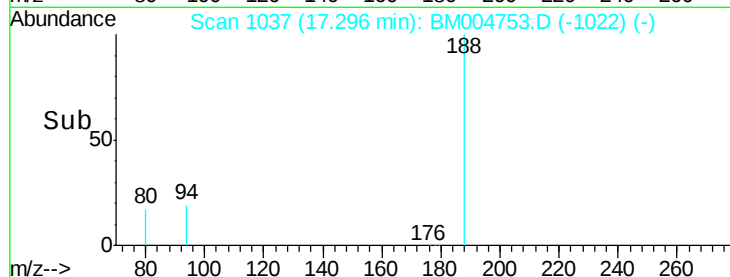
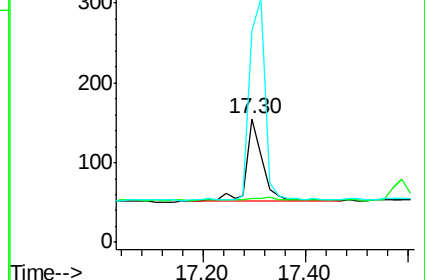
179 171.0 14.2 21.2#



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: 17.30 min Scan# 1037

Delta R.T. -0.03 min

Lab File: BM004753.D

Acq: 24 Mar 2016 12:50

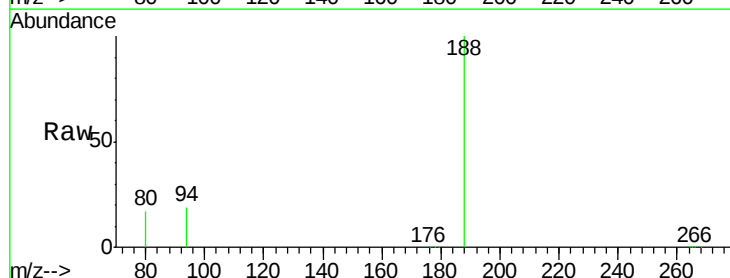
Tgt Ion:178 Resp: 201

Ion Ratio Lower Upper

178 100

176 35.5 14.0 21.0#

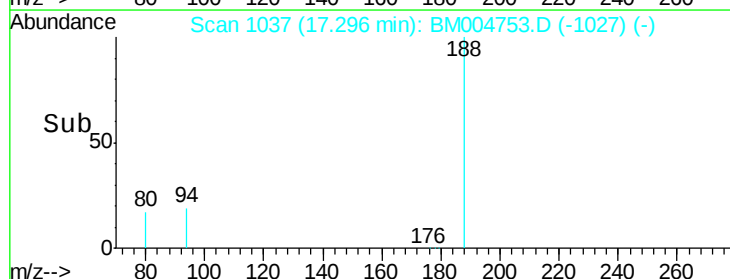
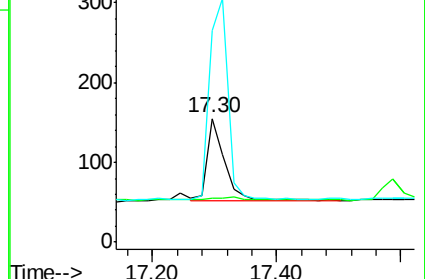
179 171.0 12.9 19.3#

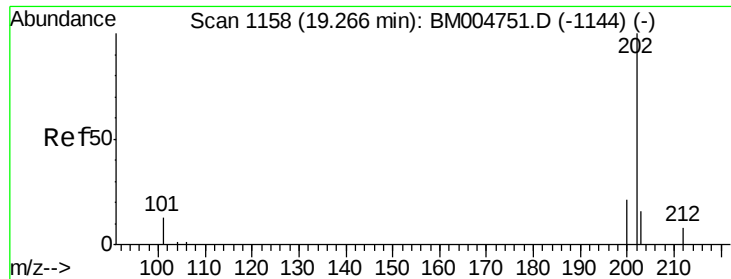


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

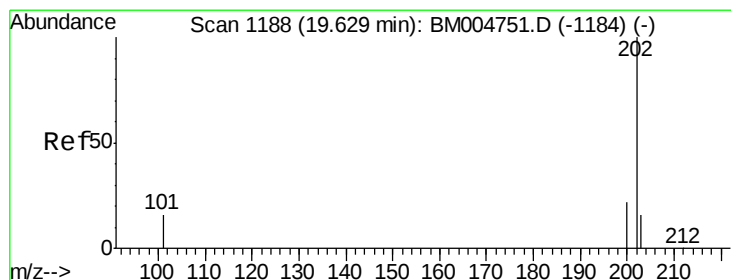
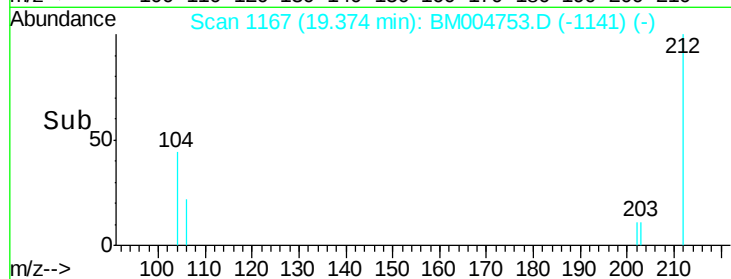
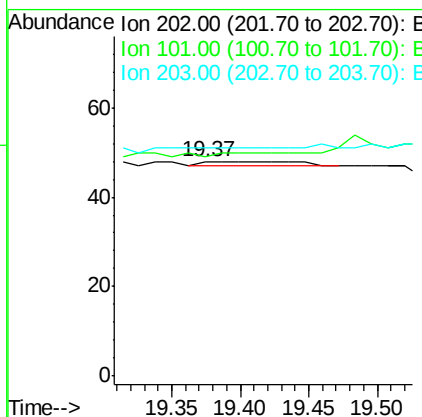
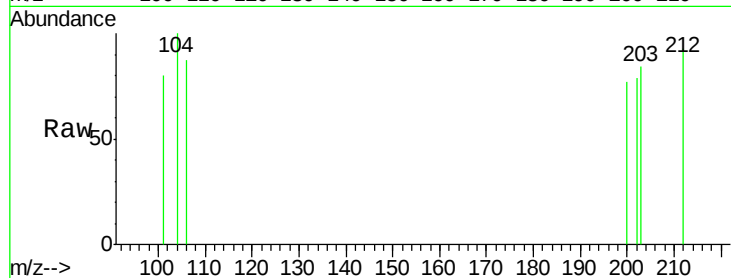




#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.37 min Scan# 1167
Delta R.T. 0.11 min
Lab File: BM004753.D
Acq: 24 Mar 2016 12:50

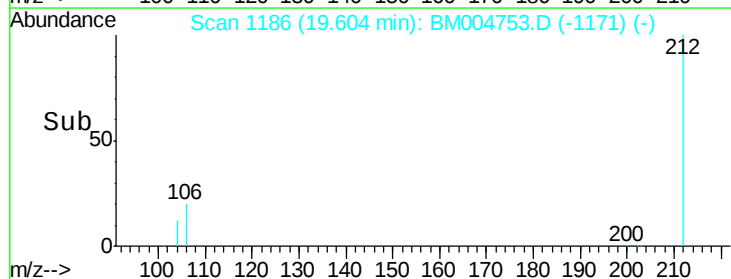
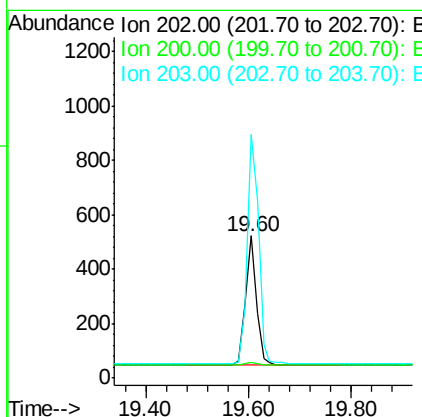
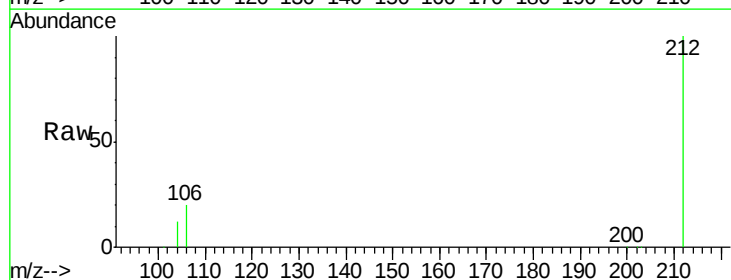
Instrument :
BNA_M
ClientSampleId :
SBLK40

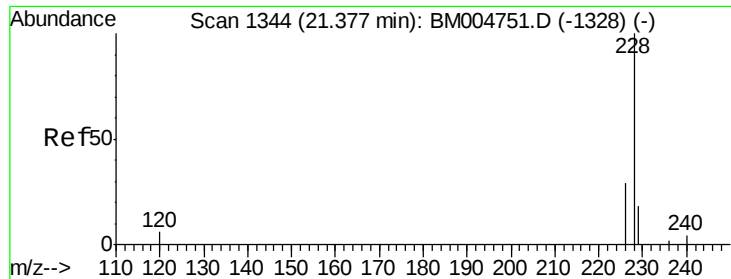
Tgt Ion: 202 Resp: 5
Ion Ratio Lower Upper
202 100
101 102.1 0.0 29.6#
203 106.3 0.0 36.3#



#19
Pyrene
Concen: 0.06 ng/ul
RT: 19.60 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BM004753.D
Acq: 24 Mar 2016 12:50

Tgt Ion: 202 Resp: 692
Ion Ratio Lower Upper
202 100
200 11.5 17.8 26.8#
203 171.0 12.8 19.2#





#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.40 min Scan# 1346

Delta R.T. 0.02 min

Lab File: BM004753.D

Acq: 24 Mar 2016 12:50

Instrument :

BNA_M

ClientSampleId :

SBLK40

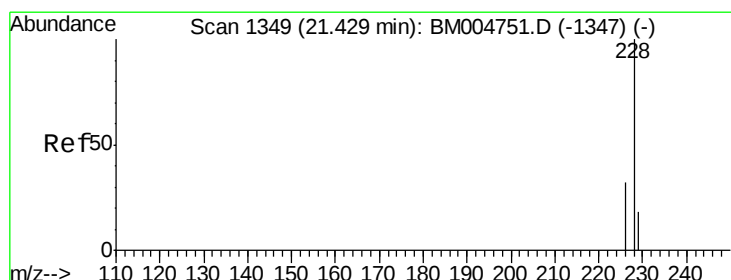
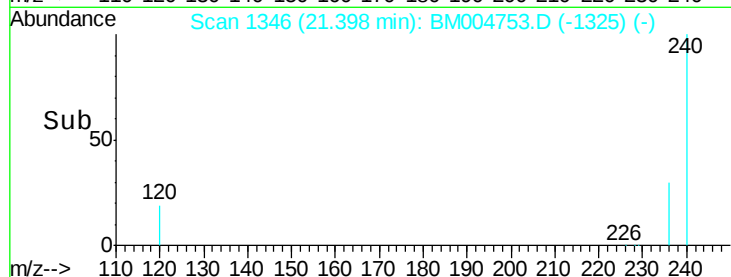
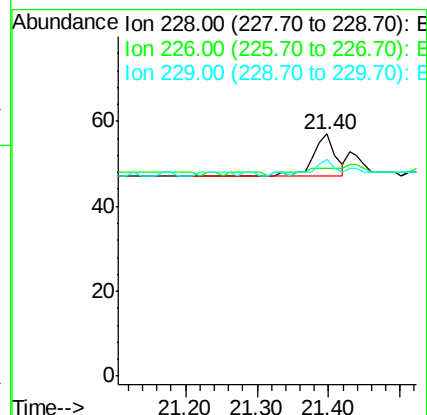
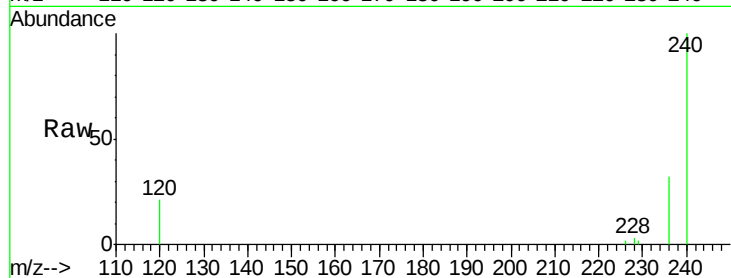
Tgt Ion:228 Resp: 21

Ion Ratio Lower Upper

228 100

226 86.0 18.8 28.2#

229 89.5 17.1 25.7#



#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.43 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BM004753.D

Acq: 24 Mar 2016 12:50

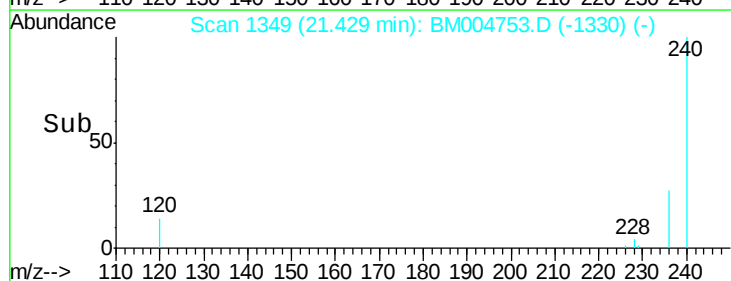
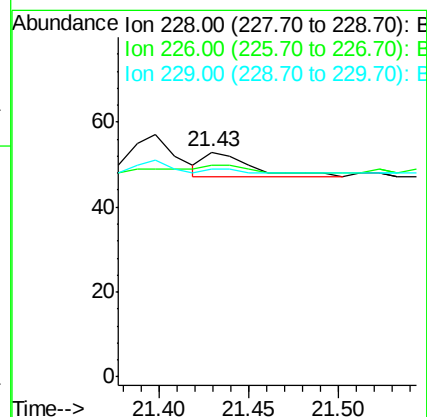
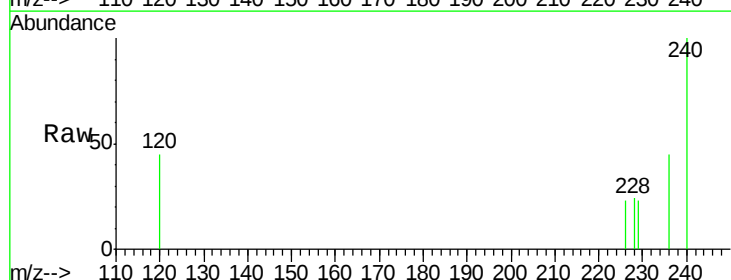
Tgt Ion:228 Resp: 11

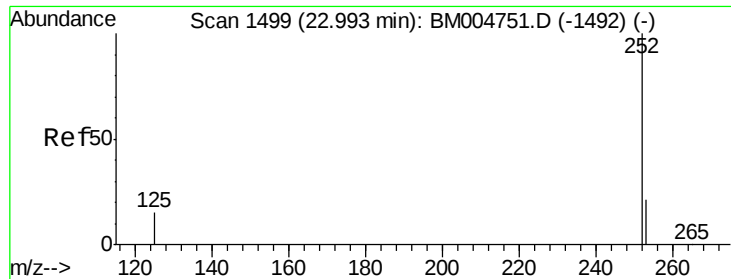
Ion Ratio Lower Upper

228 100

226 94.3 21.2 31.8#

229 92.5 17.0 25.6#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 22.77 min Scan# 1478

Delta R.T. -0.22 min

Lab File: BM004753.D

Acq: 24 Mar 2016 12:50

Instrument :

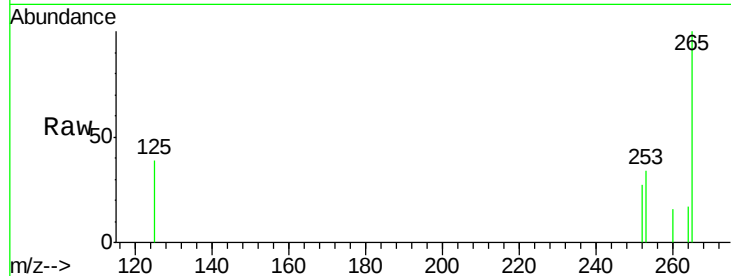
BNA_M

ClientSampleId :

SBLK40

Tgt Ion:252 Resp: 9

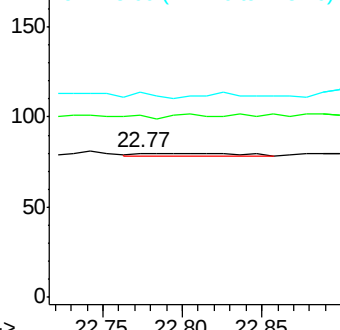
Ion	Ratio	Lower	Upper
252	100		
253	126.3	0.0	45.4#
125	142.5	0.0	28.8#



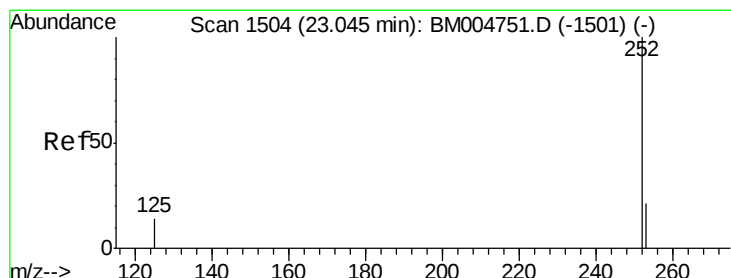
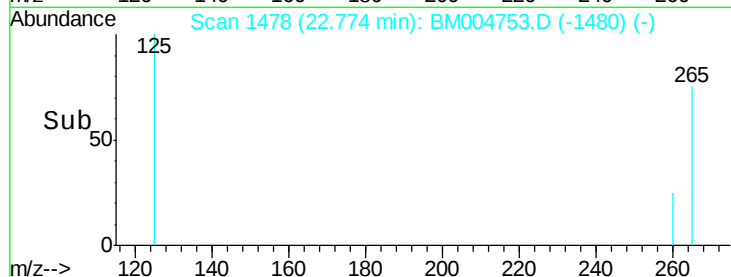
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/u1

RT: 22.93 min Scan# 1493

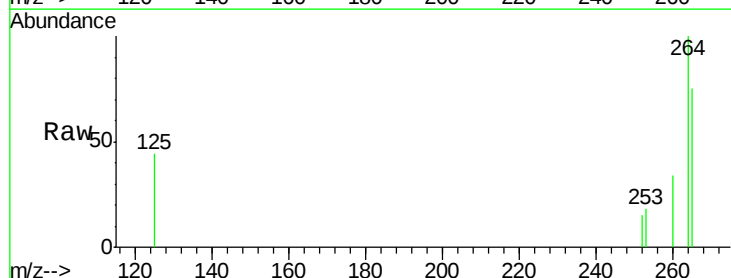
Delta R.T. -0.11 min

Lab File: BM004753.D

Acq: 24 Mar 2016 12:50

Tgt Ion:252 Resp: 16

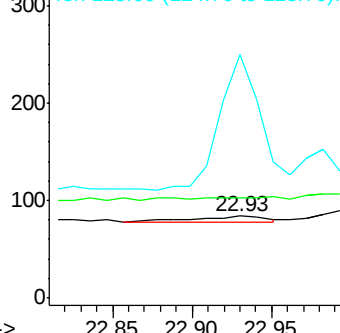
Ion	Ratio	Lower	Upper
252	100		
253	121.4	19.8	29.8#
125	297.6	10.4	15.6#



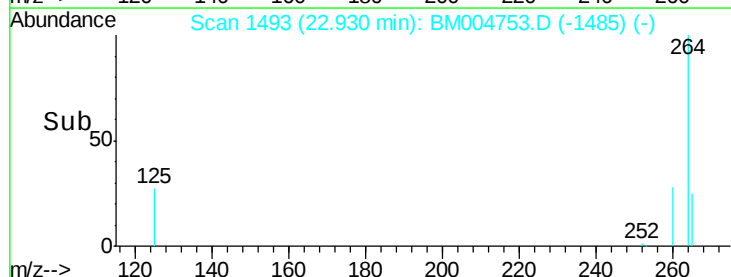
Abundance Ion 252.00 (251.70 to 252.70): E

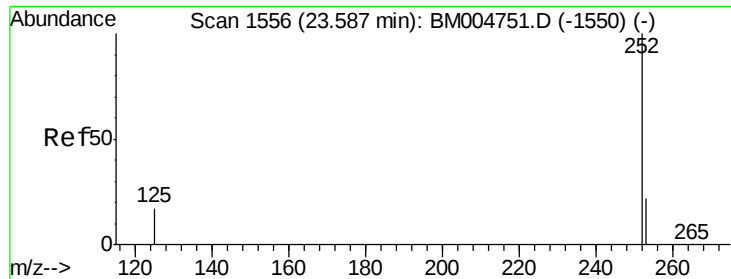
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.54 min Scan# 1552

Delta R.T. -0.04 min

Lab File: BM004753.D

Acq: 24 Mar 2016 12:50

Instrument :

BNA_M

ClientSampleId :

SBLK40

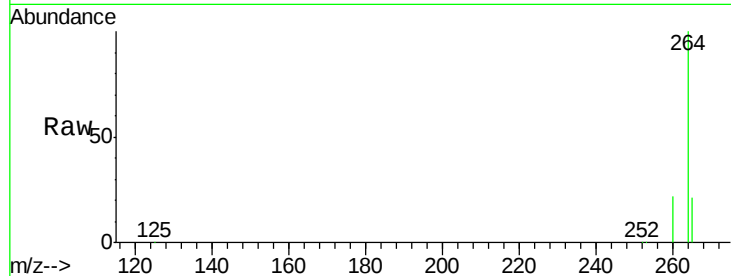
Tgt Ion:252 Resp: 1423

Ion Ratio Lower Upper

252 100

253 37.2 19.4 29.2#

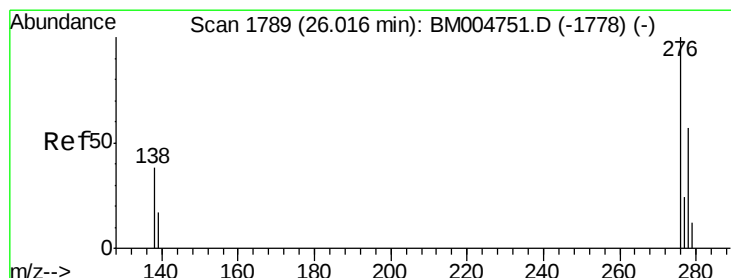
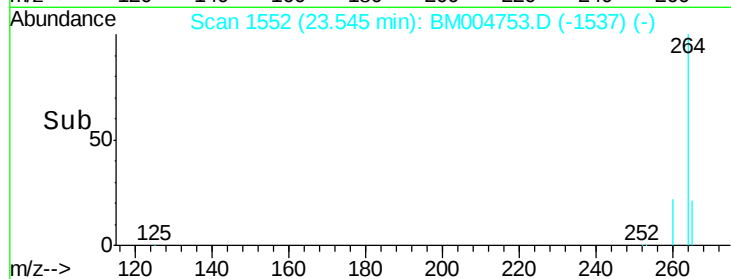
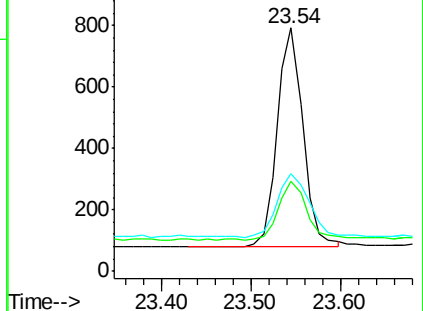
125 40.1 12.7 19.1#



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/ul

RT: 25.79 min Scan# 1767

Delta R.T. -0.23 min

Lab File: BM004753.D

Acq: 24 Mar 2016 12:50

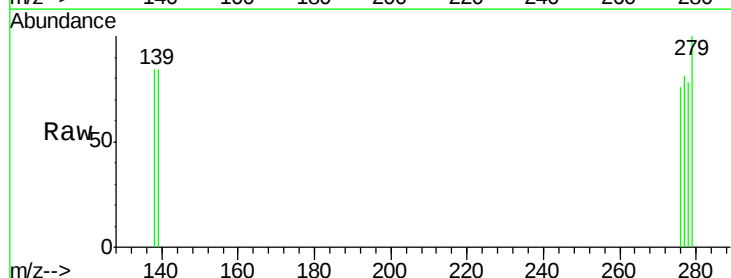
Tgt Ion:276 Resp: 1

Ion Ratio Lower Upper

276 100

138 0.0 16.3 24.5#

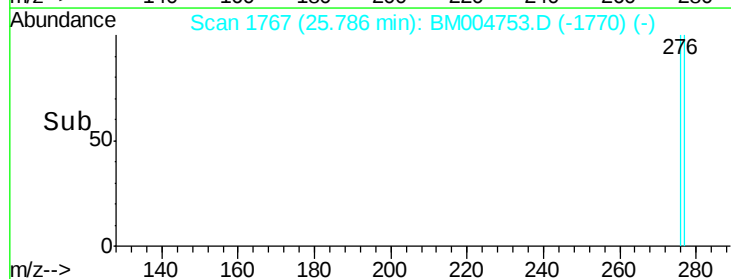
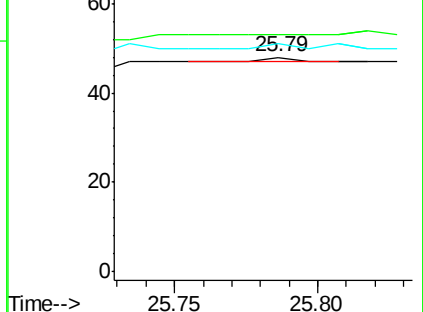
277 100.0 19.8 29.8#

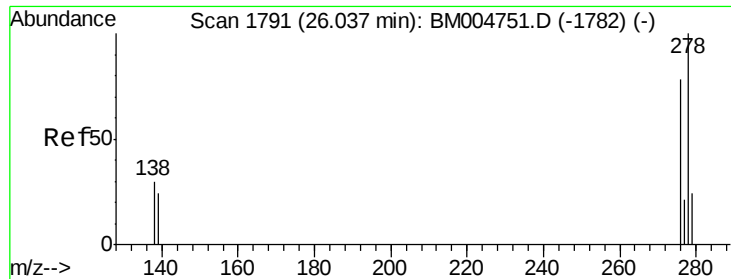


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

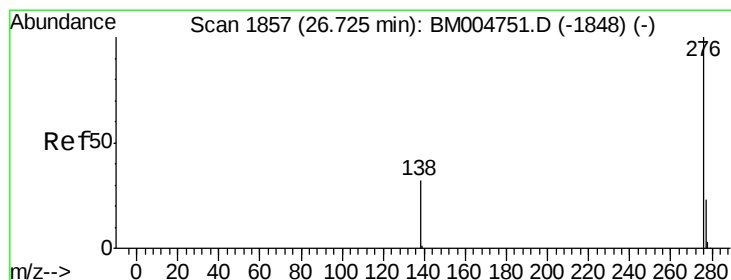
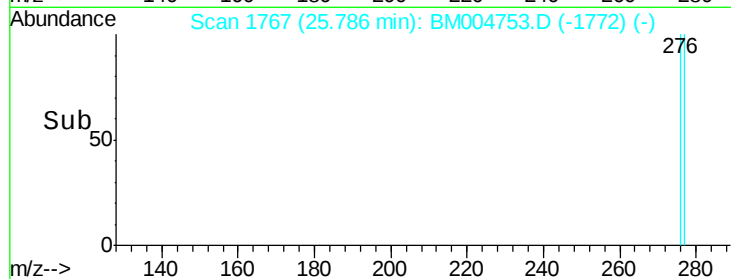
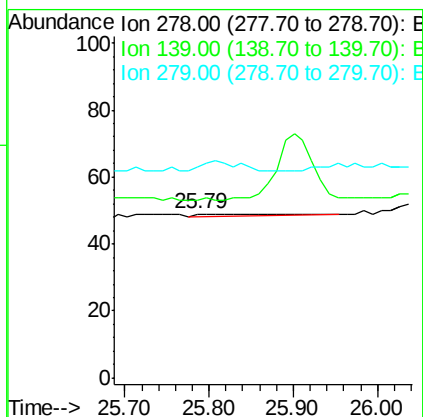
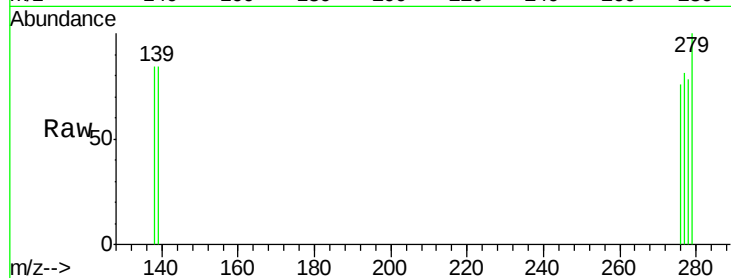




#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.79 min Scan# 1767
Delta R.T. -0.25 min
Lab File: BM004753.D
Acq: 24 Mar 2016 12:50

Instrument :
BNA_M
ClientSampleId :
SBLK40

Tgt Ion: 278 Resp: 6
Ion Ratio Lower Upper
278 100
139 108.2 16.4 24.6#
279 128.6 20.2 30.2#



#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.55 min Scan# 1840
Delta R.T. -0.18 min
Lab File: BM004753.D
Acq: 24 Mar 2016 12:50

Tgt Ion: 276 Resp: 3
Ion Ratio Lower Upper
276 100
277 106.3 18.9 28.3#
138 112.5 22.5 33.7#

