

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041816\
 Data File : BM004977.D
 Acq On : 18 Apr 2016 17:42
 Operator : UM/SJ
 Sample : PB89716BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK16

Quant Time: Apr 19 08:28:01 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM041816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 19 08:25:48 2016
 Response via : Initial Calibration

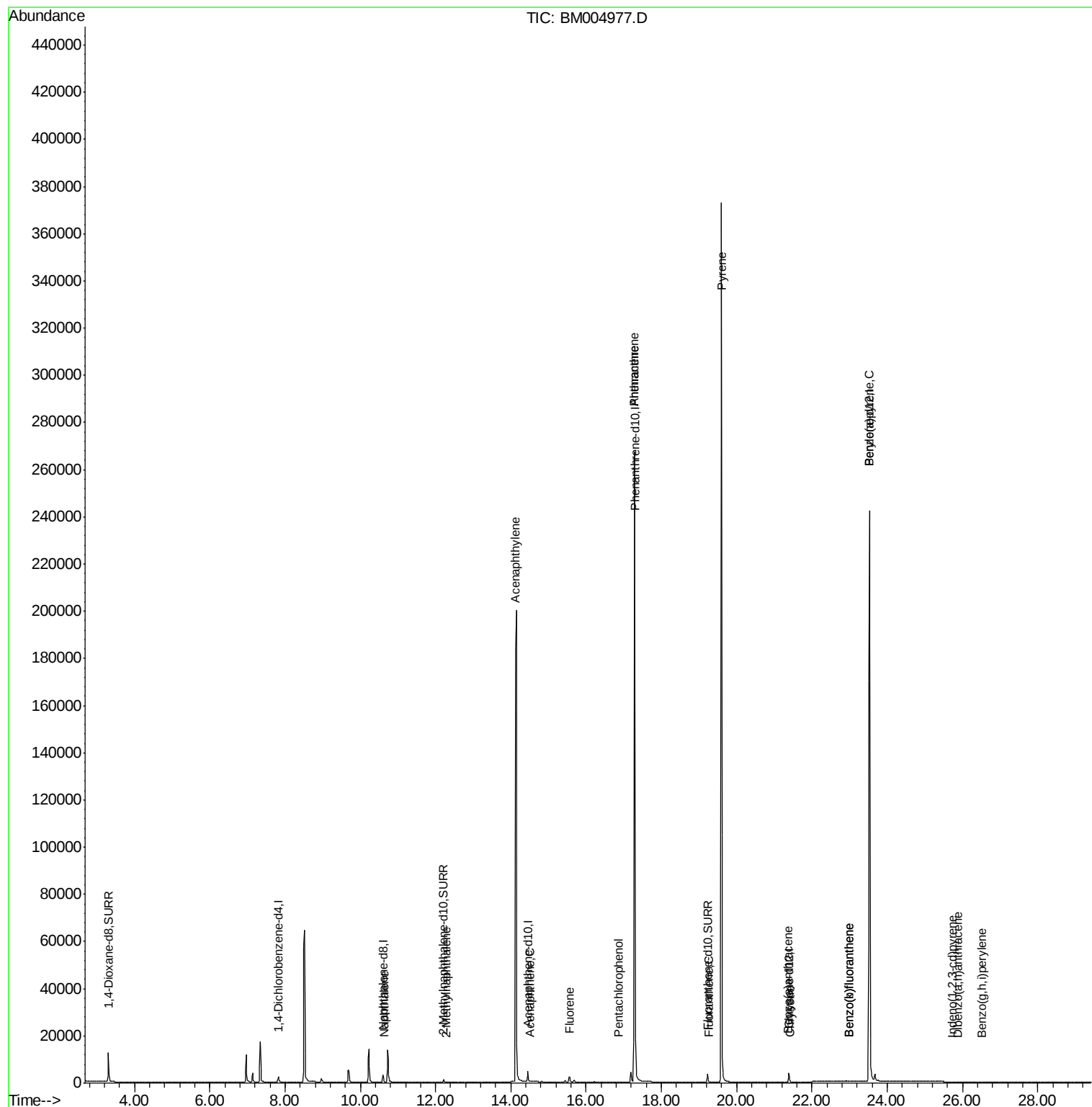
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1350	0.40	ng/ul	0.00
4) Naphthalene-d8	10.61	136	5508	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.45	164	2875	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.30	188	428626	0.40	ng/ul	0.10
18) Chrysene-d12	21.39	240	4576	0.40	ng/ul	0.00
22) Perylene-d12	23.52	264	328003	0.40	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.31	96	9026	13.86	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	2340	0.36	ng/ul	0.01
16) Fluoranthene-d10	19.23	212	4650	0.01	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.65	128	18	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.28	142	14	0.00	ng/ul	98
9) Acenaphthylene	14.13	152	49	0.00	ng/ul#	1
10) Acenaphthene	14.50	153	7	0.00	ng/ul#	73
11) Fluorene	15.56	166	41	0.00	ng/ul#	1
13) Pentachlorophenol	16.87	266	20	0.00	ng/ul#	70
14) Phenanthrene	17.28	178	289	0.00	ng/ul#	1
15) Anthracene	17.28	178	255	0.00	ng/ul#	1
17) Fluoranthene	19.25	202	36	0.00	ng/ul#	1
19) Pyrene	19.59	202	733	0.04	ng/ul#	1
20) Benzo(a)anthracene	21.38	228	73	0.01	ng/ul#	2
21) Chrysene	21.42	228	88	0.01	ng/ul#	5
23) Benzo(b)fluoranthene	22.98	252	180	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.98	252	251	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.52	252	1439	0.00	ng/ul#	45
26) Indeno(1,2,3-cd)pyrene	25.73	276	3	0.00	ng/ul#	53
27) Dibenzo(a,h)anthracene	25.87	278	2	0.00	ng/ul#	1
28) Benzo(a,h,i)perylene	26.52	276	3	0.00	ng/ul#	1

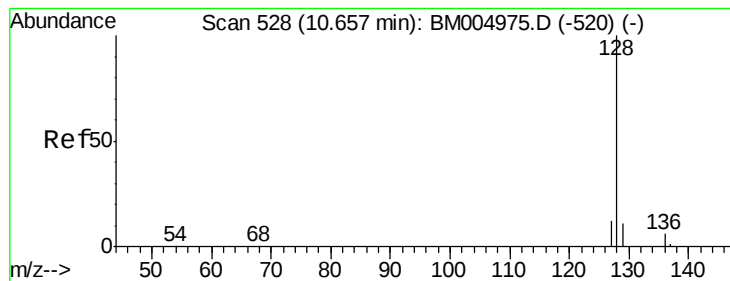
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.65 min Scan# 527

Delta R.T. -0.01 min

Lab File: BM004977.D

Acq: 18 Apr 2016 17:42

Instrument :

BNA_M

ClientSampleId :

SBLK16

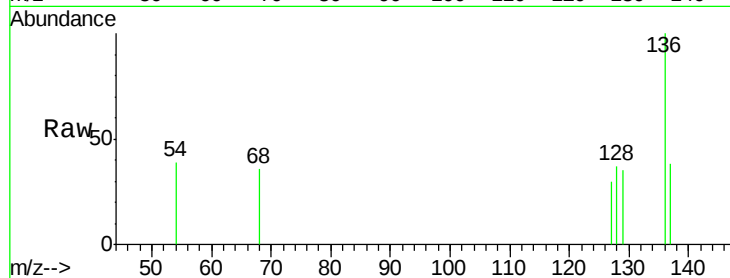
Tot Ion:128 Resp: 18

Ion Ratio Lower Upper

128 100

129 95.2 9.0 13.6#

127 80.6 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

400

300

200

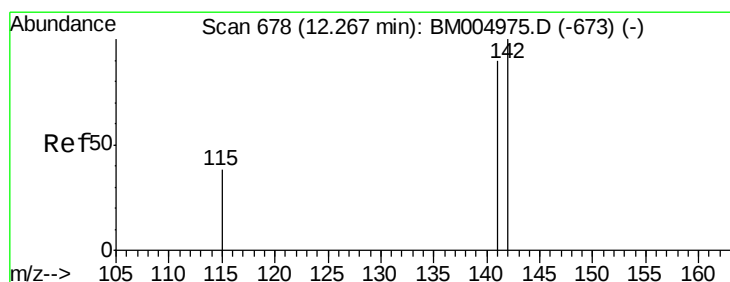
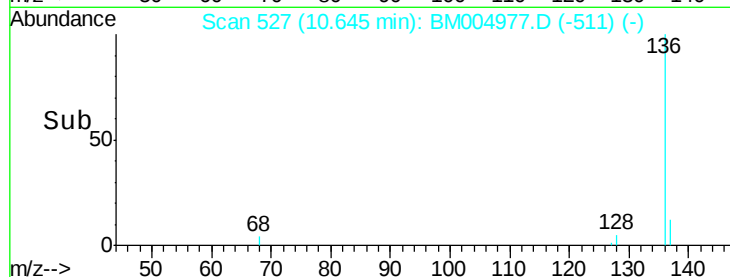
100

0

10.50 10.60 10.70

10.65

Time-->



#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BM004977.D

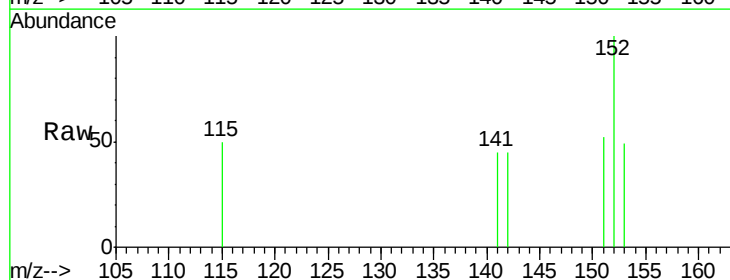
Acq: 18 Apr 2016 17:42

Tgt Ion:142 Resp: 14

Ion Ratio Lower Upper

142 100

141 85.7 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

60

50

40

30

20

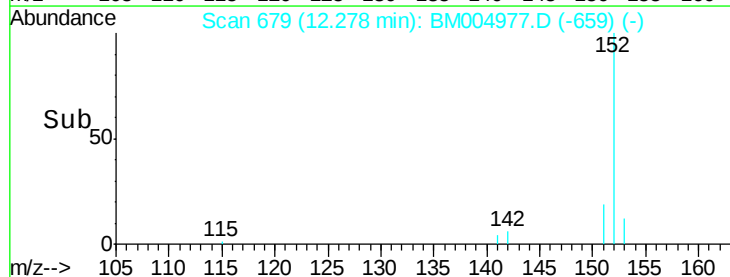
10

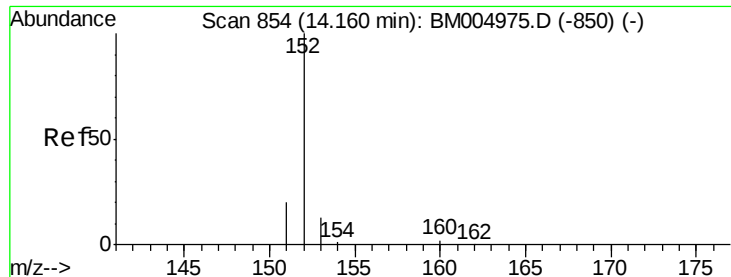
0

12.20 12.30 12.40

12.28

Time-->





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.13 min Scan# 852

Delta R.T. -0.03 min

Lab File: BM004977.D

Acq: 18 Apr 2016 17:42

Instrument :

BNA_M

ClientSampled :

SBLK16

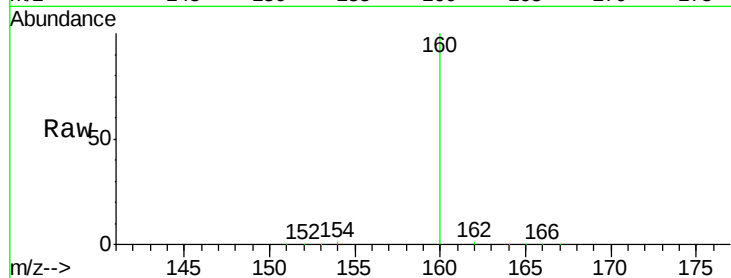
Tot Ion:152 Resp: 49

Ion Ratio Lower Upper

152 100

151 79.7 17.6 26.4#

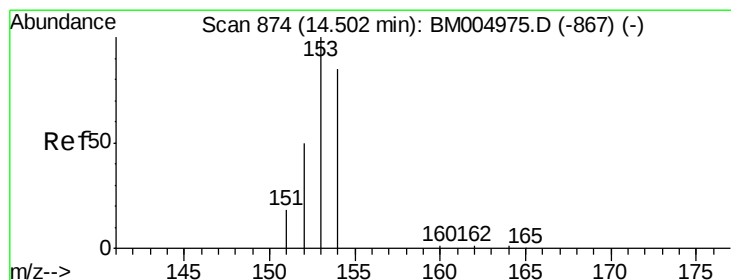
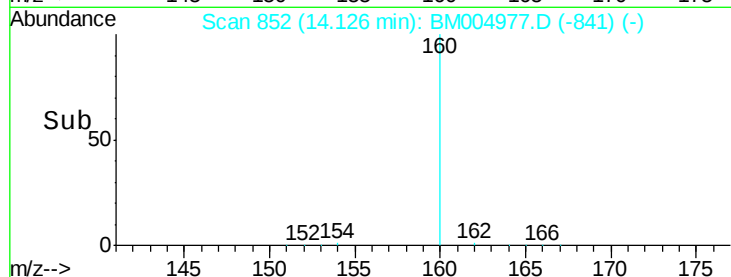
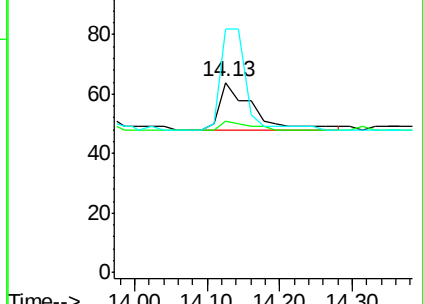
153 128.1 9.7 14.5#



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: 14.50 min Scan# 874

Delta R.T. 0.00 min

Lab File: BM004977.D

Acq: 18 Apr 2016 17:42

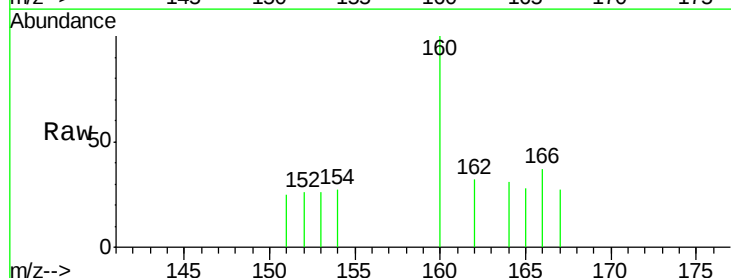
Tgt Ion:153 Resp: 7

Ion Ratio Lower Upper

153 100

152 98.0 33.9 50.9#

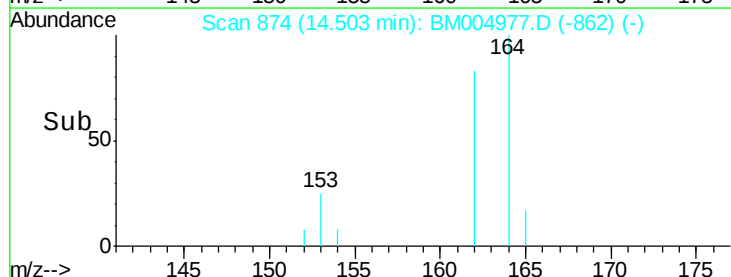
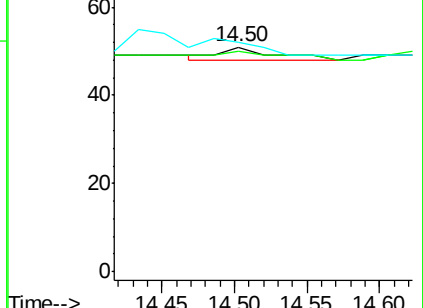
154 102.0 80.6 121.0

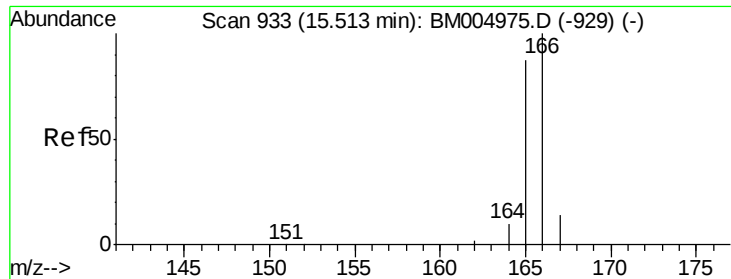


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

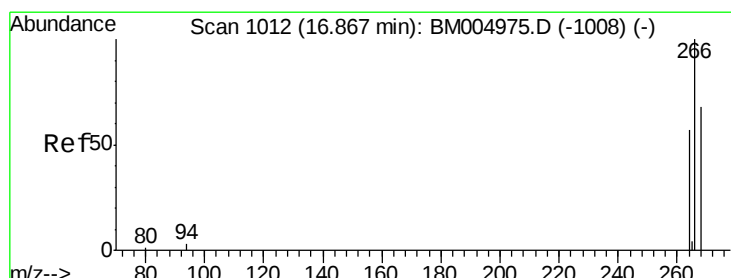
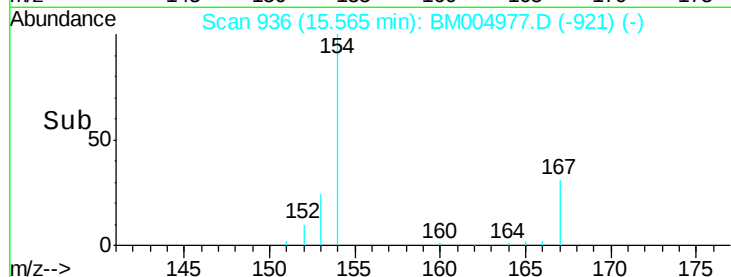
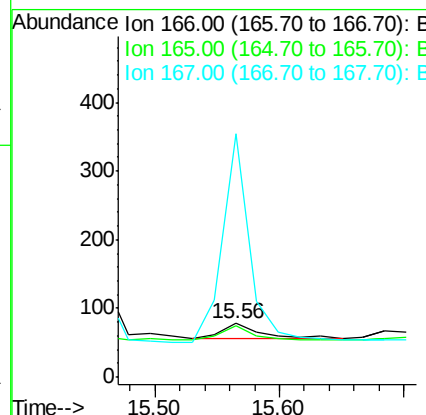
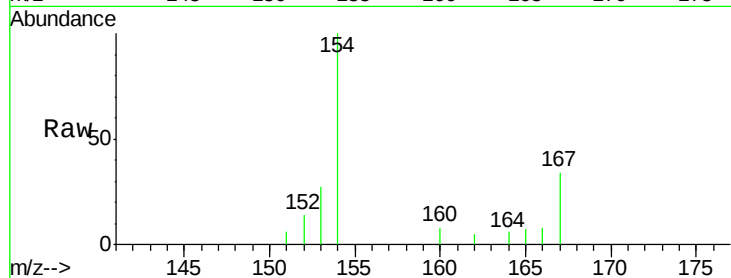




#11
Fluorene
Concen: 0.00 ng/ul
RT: 15.56 min Scan# 936
Delta R.T. 0.05 min
Lab File: BM004977.D
Acq: 18 Apr 2016 17:42

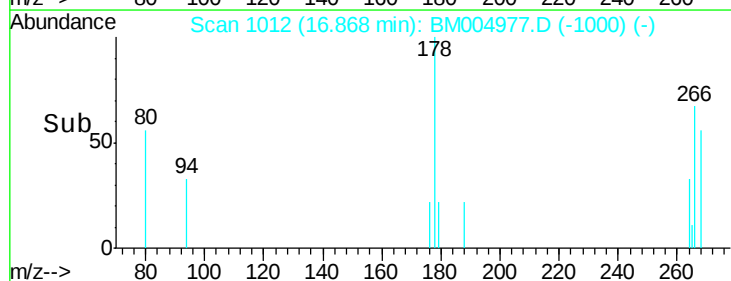
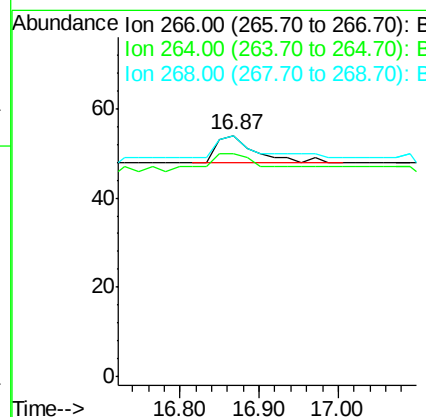
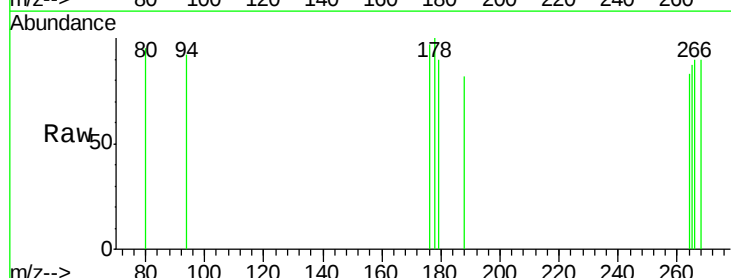
Instrument :
BNA_M
ClientSampleId :
SBLK16

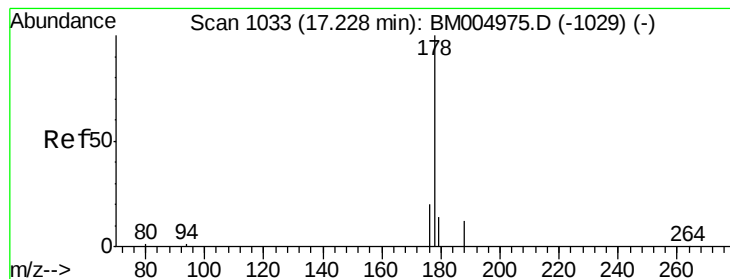
Tot Ion:166 Resp: 41
Ion Ratio Lower Upper
166 100
165 94.9 69.6 104.4
167 453.8 11.9 17.9#



#13
Pentachlorophenol
Concen: 0.00 ng/ul
RT: 16.87 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BM004977.D
Acq: 18 Apr 2016 17:42

Tgt Ion:266 Resp: 20
Ion Ratio Lower Upper
266 100
264 40.0 51.8 77.8#
268 80.0 46.8 70.2#





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.28 min Scan# 1036

Delta R.T. 0.05 min

Lab File: BM004977.D

Acq: 18 Apr 2016 17:42

Instrument :

BNA_M

ClientSampleId :

SBLK16

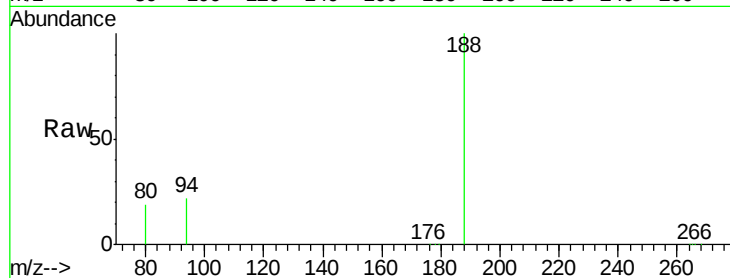
Tot Ion:178 Resp: 289

Ion Ratio Lower Upper

178 100

176 38.8 13.0 19.4#

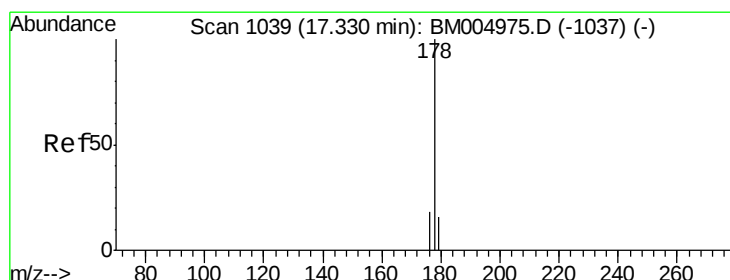
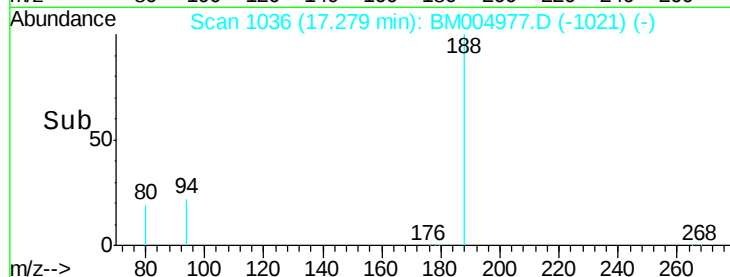
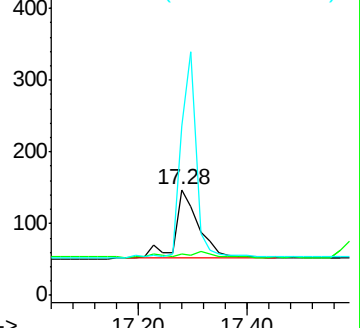
179 161.2 14.2 21.2#



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: 17.28 min Scan# 1036

Delta R.T. -0.05 min

Lab File: BM004977.D

Acq: 18 Apr 2016 17:42

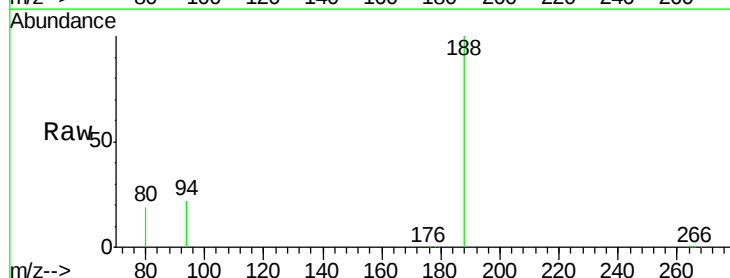
Tgt Ion:178 Resp: 255

Ion Ratio Lower Upper

178 100

176 38.8 14.0 21.0#

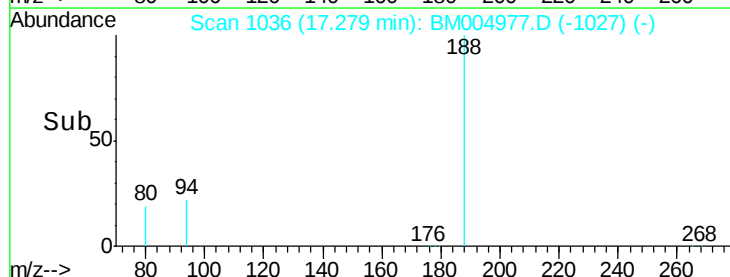
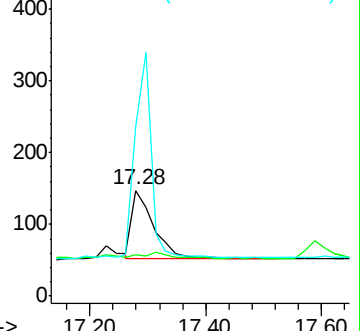
179 161.2 12.9 19.3#

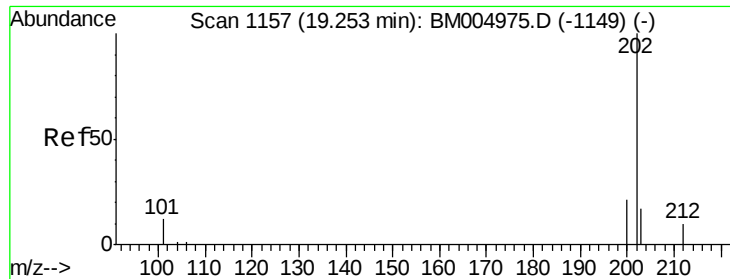


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

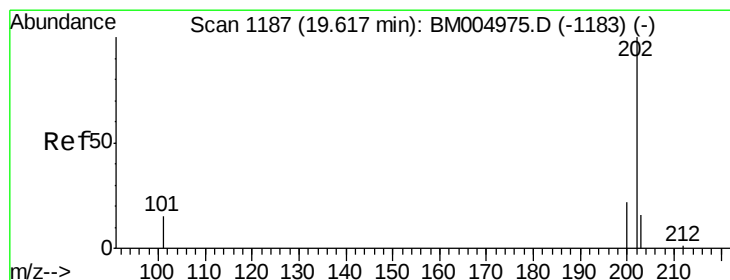
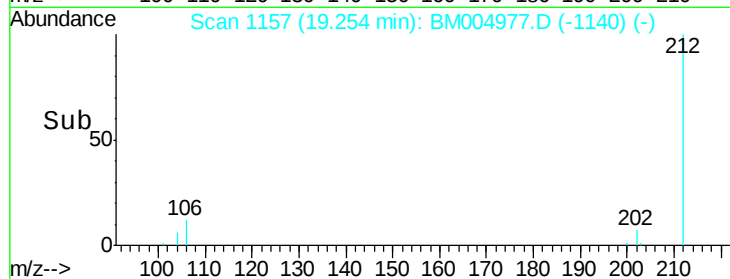
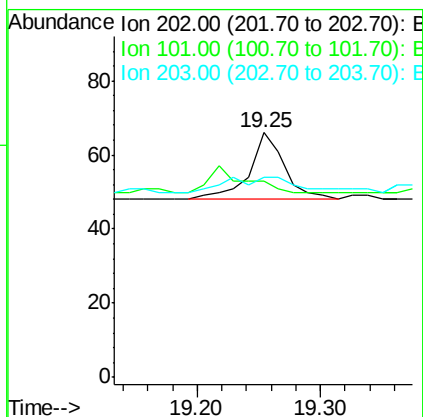
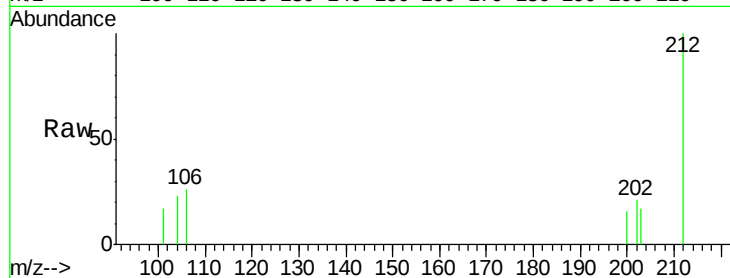




#17
Fluoranthene
 Concen: 0.00 ng/ul
 RT: 19.25 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BM004977.D
 Acq: 18 Apr 2016 17:42

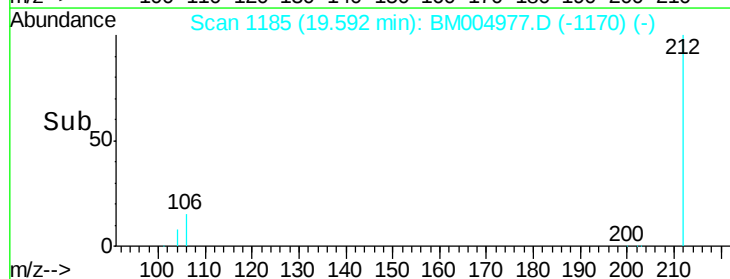
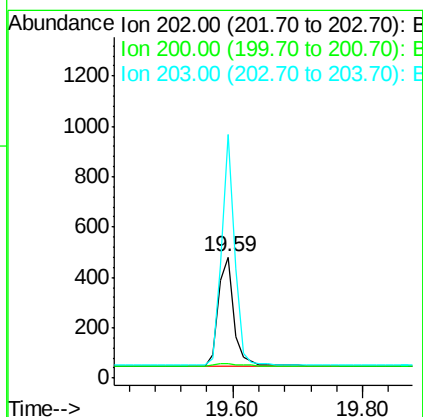
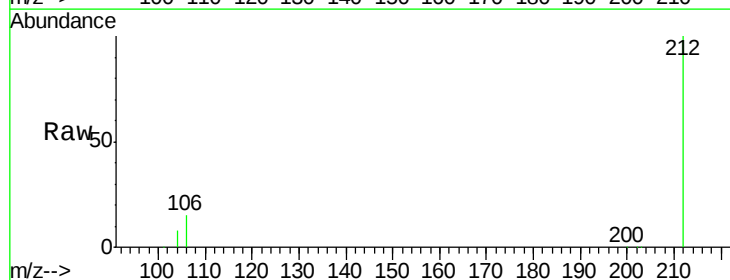
Instrument :
 BNA_M
 ClientSampleId :
 SBLK16

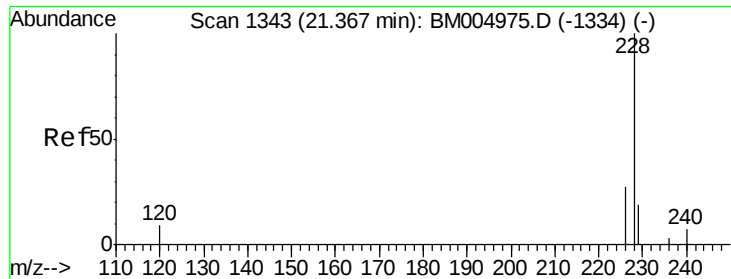
Tot Ion	Ratio	Lower	Upper
202	100		
101	80.3	0.0	29.6#
203	81.8	0.0	36.3#



#19
Pyrene
 Concen: 0.04 ng/ul
 RT: 19.59 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BM004977.D
 Acq: 18 Apr 2016 17:42

Tgt Ion	Ratio	Lower	Upper
202	100		
200	12.5	17.8	26.8#
203	201.5	12.8	19.2#





#20

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.38 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BM004977.D

Acq: 18 Apr 2016 17:42

Instrument :

BNA_M

ClientSampleId :

SBLK16

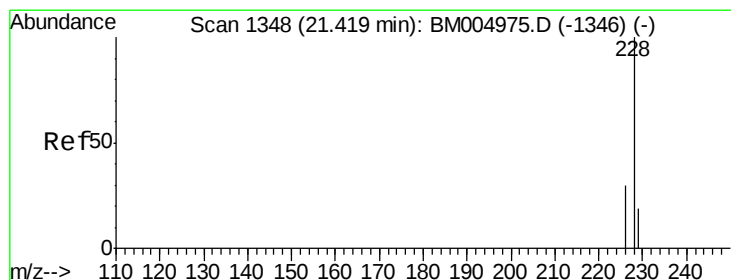
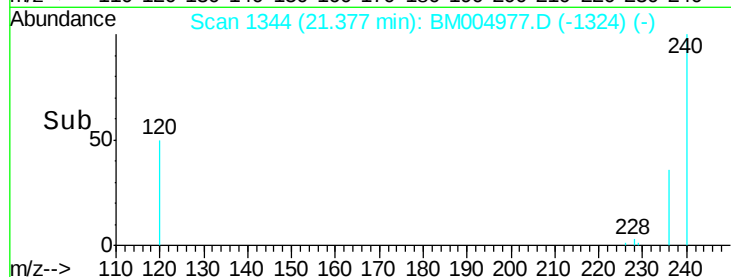
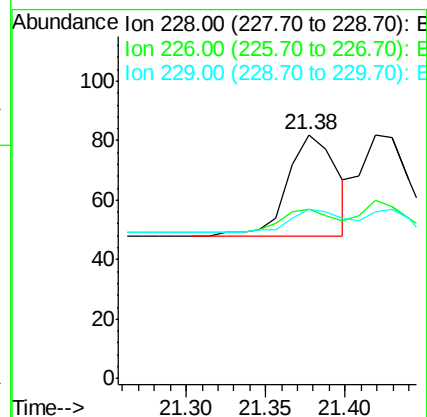
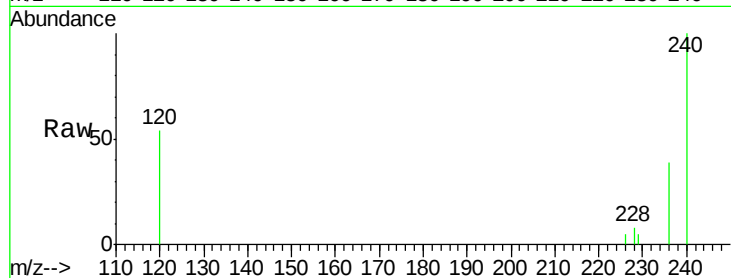
Tot Ion:228 Resp: 73

Ion Ratio Lower Upper

228 100

226 69.5 18.8 28.2#

229 69.5 17.1 25.7#



#21

Chrysene

Concen: 0.01 ng/ul

RT: 21.42 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BM004977.D

Acq: 18 Apr 2016 17:42

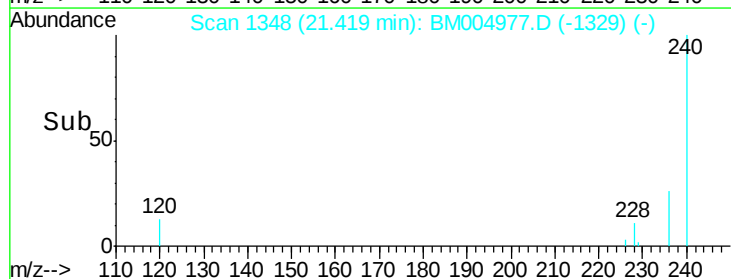
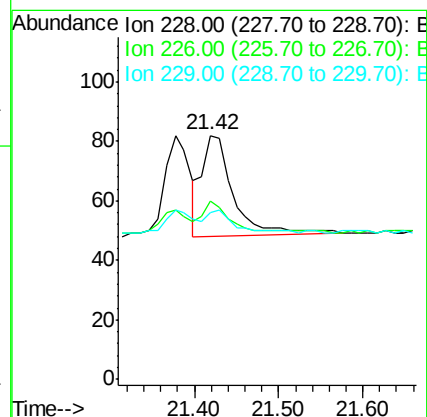
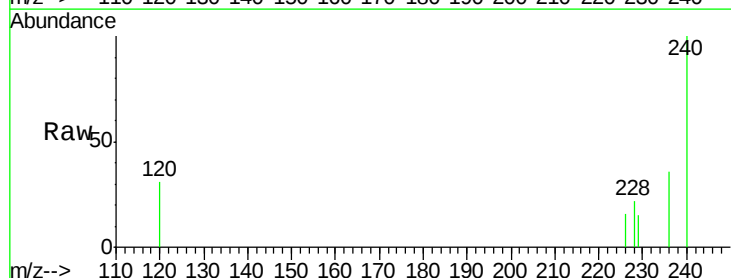
Tgt Ion:228 Resp: 88

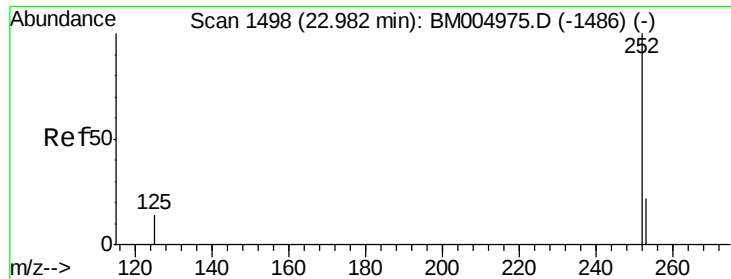
Ion Ratio Lower Upper

228 100

226 73.2 21.2 31.8#

229 68.3 17.0 25.6#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 22.98 min Scan# 1498

Delta R.T. 0.00 min

Lab File: BM004977.D

Acq: 18 Apr 2016 17:42

Instrument :

BNA_M

ClientSampleId :

SBLK16

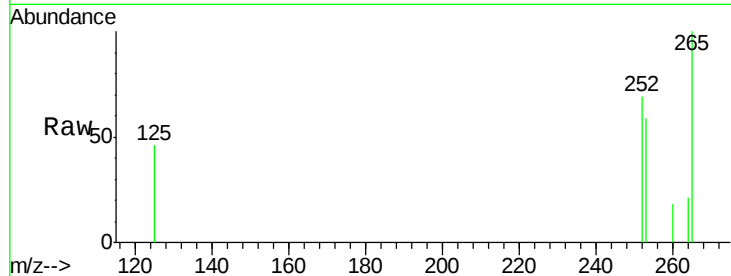
Tot Ion:252 Resp: 180

Ion Ratio Lower Upper

252 100

253 85.3 0.0 45.4#

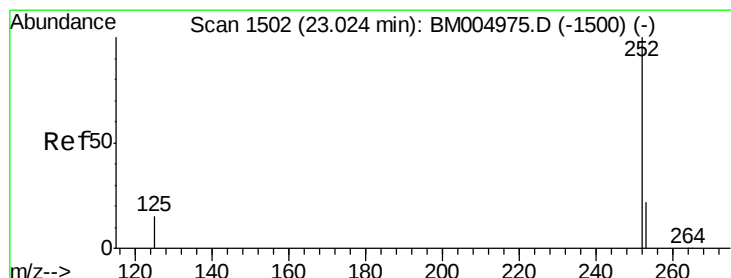
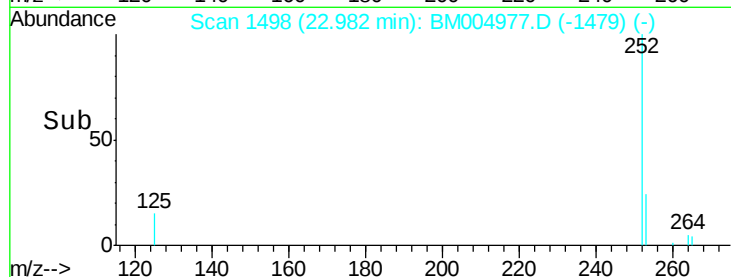
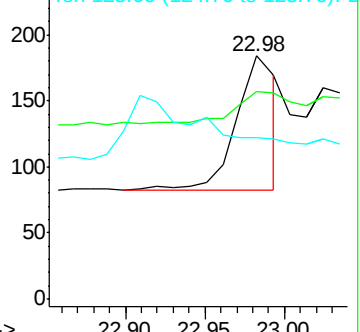
125 66.3 0.0 28.8#



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: 22.98 min Scan# 1498

Delta R.T. -0.04 min

Lab File: BM004977.D

Acq: 18 Apr 2016 17:42

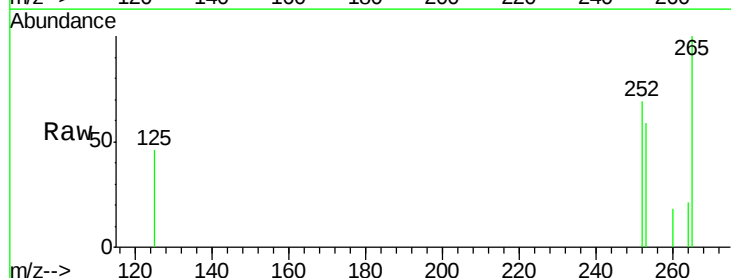
Tgt Ion:252 Resp: 251

Ion Ratio Lower Upper

252 100

253 85.3 19.8 29.8#

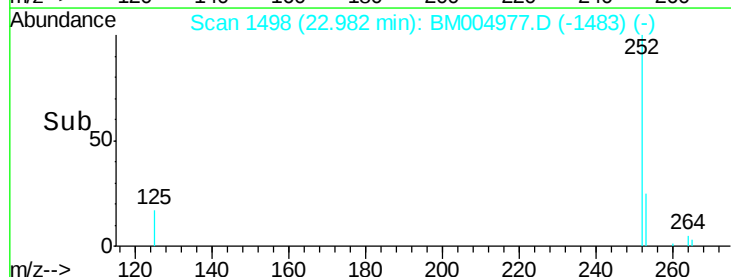
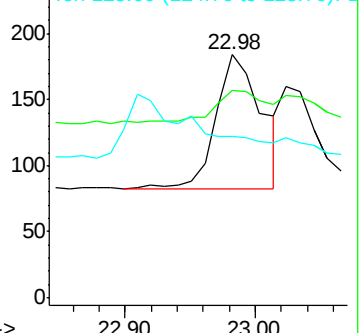
125 66.3 10.4 15.6#

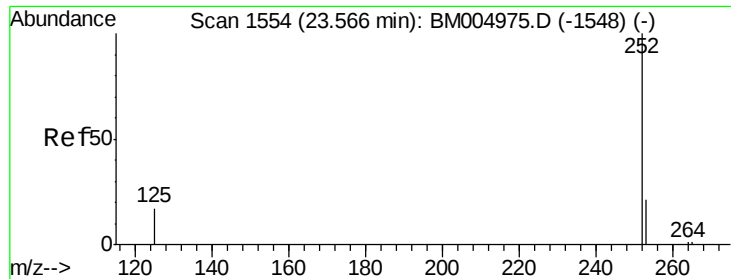


Abundance Ion 252.00 (251.70 to 252.70): E

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: 23.52 min Scan# 1550

Delta R.T. -0.04 min

Lab File: BM004977.D

Acq: 18 Apr 2016 17:42

Instrument :

BNA_M

ClientSampleId :

SBLK16

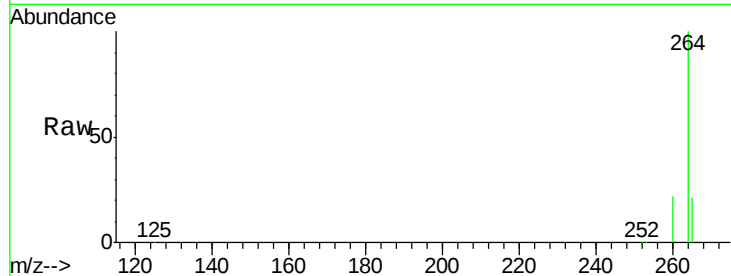
Tot Ion:252 Resp: 1439

Ion Ratio Lower Upper

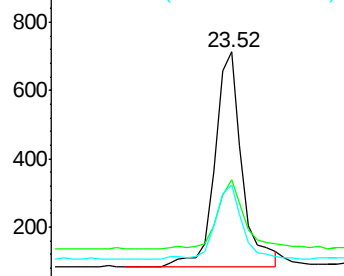
252 100

253 47.3 19.4 29.2#

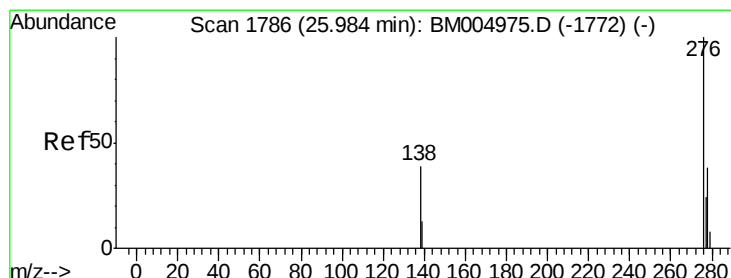
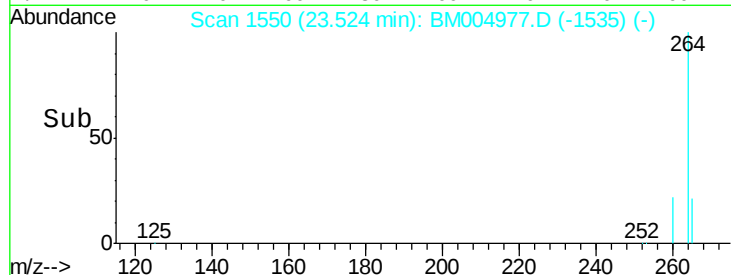
125 45.3 12.7 19.1#



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



Time-->



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.73 min Scan# 1762

Delta R.T. -0.25 min

Lab File: BM004977.D

Acq: 18 Apr 2016 17:42

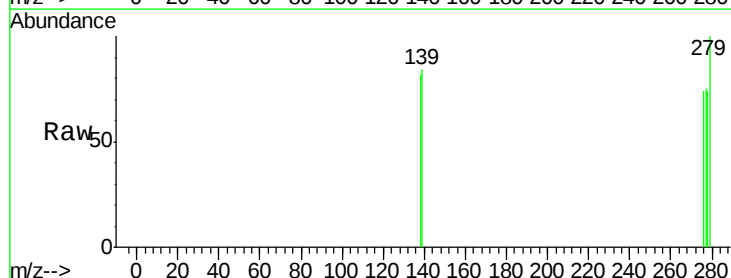
Tgt Ion:276 Resp: 3

Ion Ratio Lower Upper

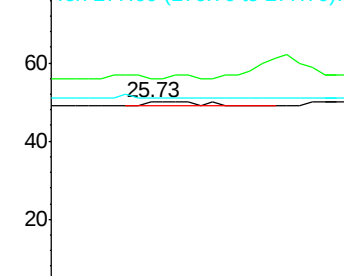
276 100

138 0.0 16.3 24.5#

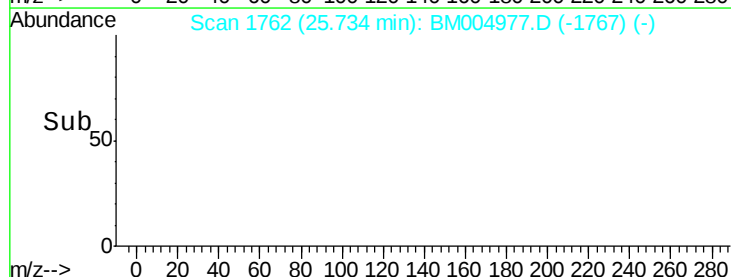
277 0.0 19.8 29.8#

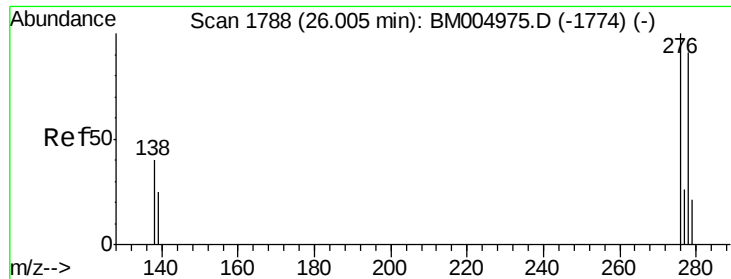


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->





#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.87 min Scan# 1775

Delta R.T. -0.14 min

Lab File: BM004977.D

Acq: 18 Apr 2016 17:42

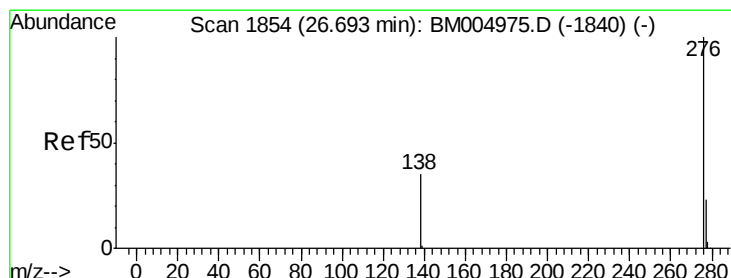
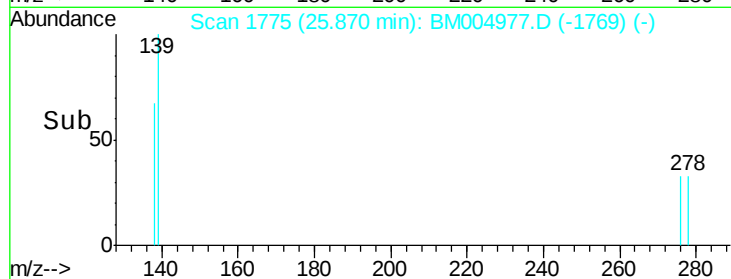
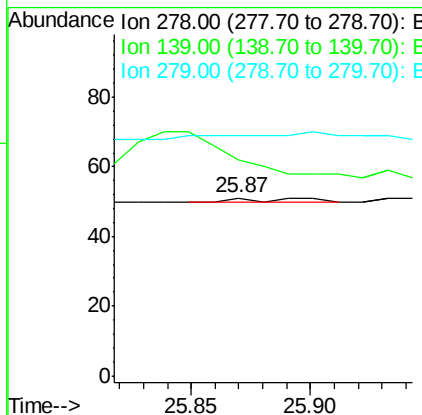
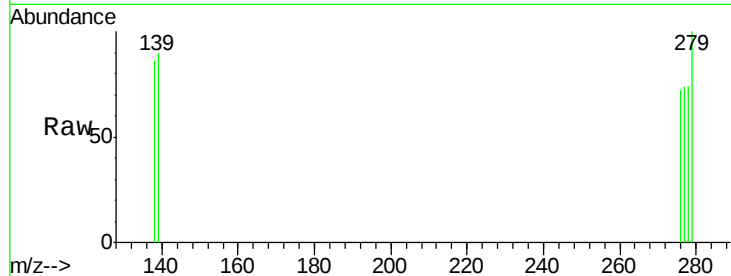
Instrument :

BNA_M

ClientSampleId :

SBLK16

Tot Ion:278	Resp:	2
Ion	Ratio	Lower Upper
278	100	
139	121.6	16.4 24.6#
279	135.3	20.2 30.2#



#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.52 min Scan# 1837

Delta R.T. -0.18 min

Lab File: BM004977.D

Acq: 18 Apr 2016 17:42

Tgt Ion:276	Resp:	3
Ion	Ratio	Lower Upper
276	100	
277	102.0	18.9 28.3#
138	114.0	22.5 33.7#

