

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041816\
 Data File : BM004978.D
 Acq On : 18 Apr 2016 18:18
 Operator : UM/SJ
 Sample : PB89718BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK18

Quant Time: Apr 19 08:28:07 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

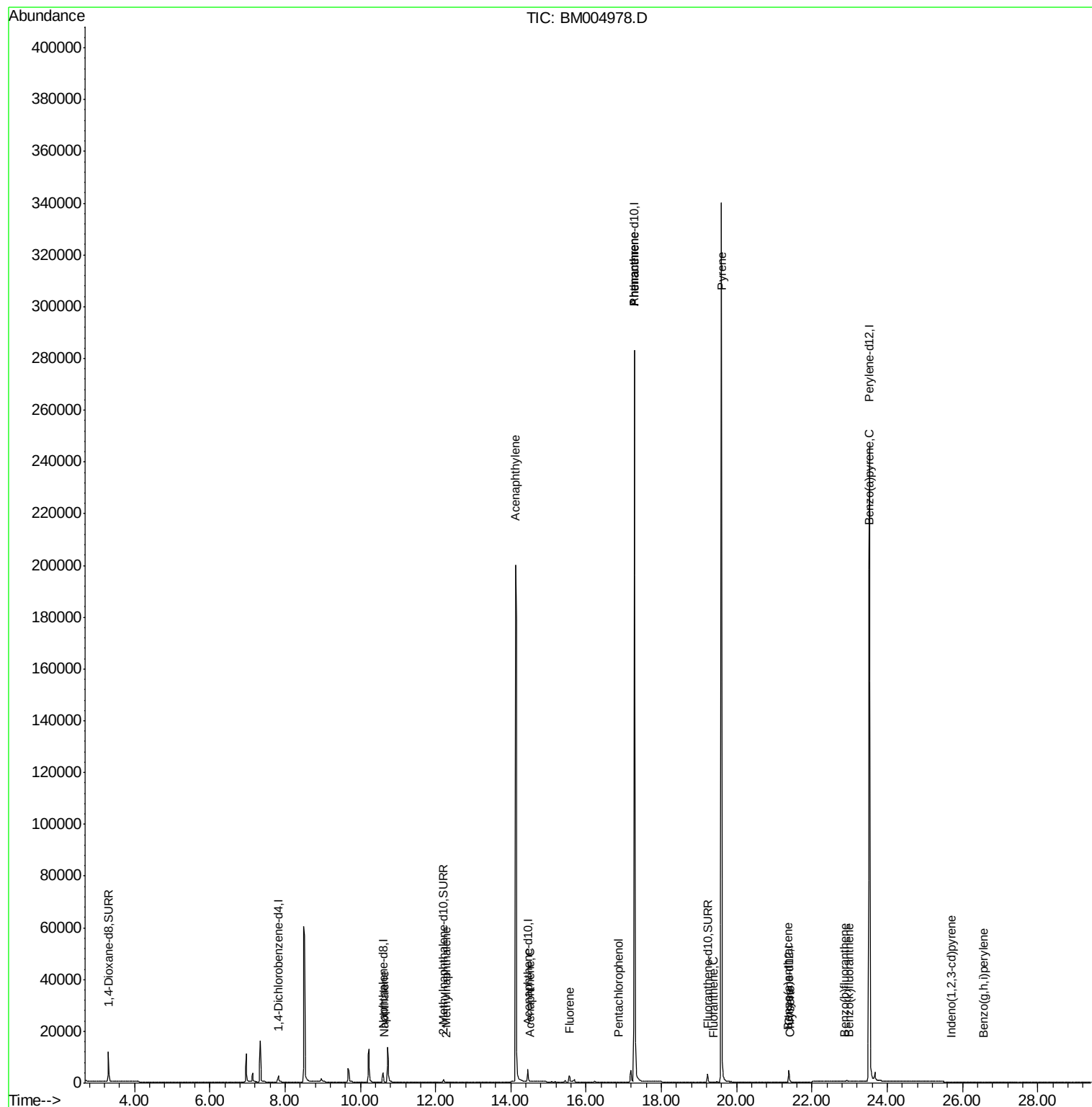
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1550	0.40	ng/ul	0.00
4) Naphthalene-d8	10.61	136	6403	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.45	164	3328	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.28	188	419825	0.40	ng/ul	0.09
18) Chrysene-d12	21.39	240	5428	0.40	ng/ul	0.00
22) Perylene-d12	23.52	264	323815	0.40	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.31	96	8580	11.48	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	2251	0.30	ng/ul	0.01
16) Fluoranthene-d10	19.23	212	4625	0.01	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.65	128	14	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.27	142	7	0.00	ng/ul#	56
9) Acenaphthylene	14.13	152	39	0.00	ng/ul#	1
10) Acenaphthene	14.50	153	4	0.00	ng/ul#	73
11) Fluorene	15.56	166	40	0.00	ng/ul#	1
13) Pentachlorophenol	16.87	266	10	0.00	ng/ul	91
14) Phenanthrene	17.28	178	263	0.00	ng/ul#	1
15) Anthracene	17.28	178	232	0.00	ng/ul#	1
17) Fluoranthene	19.39	202	1	0.00	ng/ul#	1
19) Pyrene	19.59	202	706	0.03	ng/ul#	1
20) Benzo(a)anthracene	21.38	228	50	0.00	ng/ul#	1
21) Chrysene	21.42	228	58	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	22.86	252	5	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.98	252	221	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.51	252	1385	0.00	ng/ul#	49
26) Indeno(1,2,3-cd)pyrene	25.70	276	6	0.00	ng/ul#	62
28) Benzo(a,h,i)perylene	26.55	276	3	0.00	ng/ul#	1

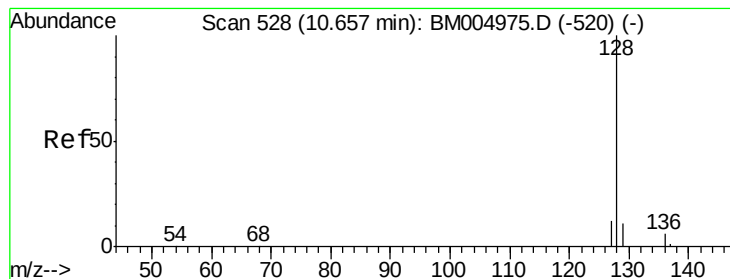
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.65 min Scan# 527

Delta R.T. -0.01 min

Lab File: BM004978.D

Acq: 18 Apr 2016 18:18

Instrument :

BNA_M

ClientSampleId :

SBLK18

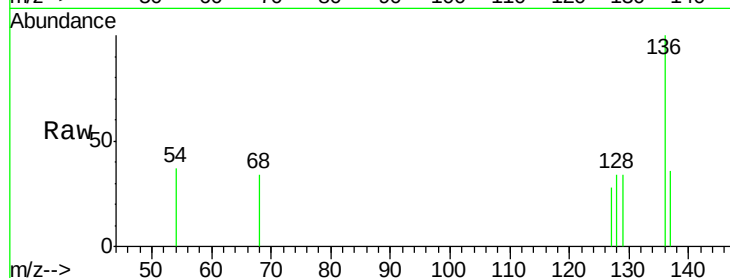
Tot Ion:128 Resp: 14

Ion Ratio Lower Upper

128 100

129 98.3 9.0 13.6#

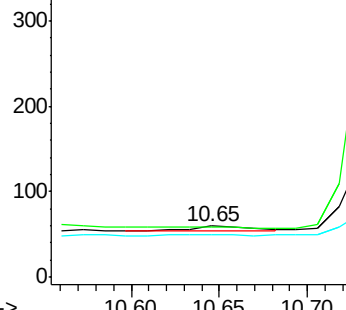
127 81.7 9.6 14.4#



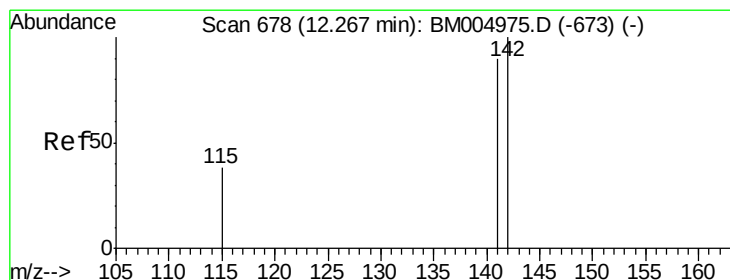
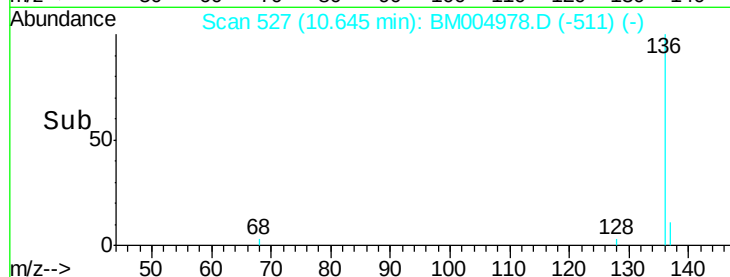
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.27 min Scan# 678

Delta R.T. 0.00 min

Lab File: BM004978.D

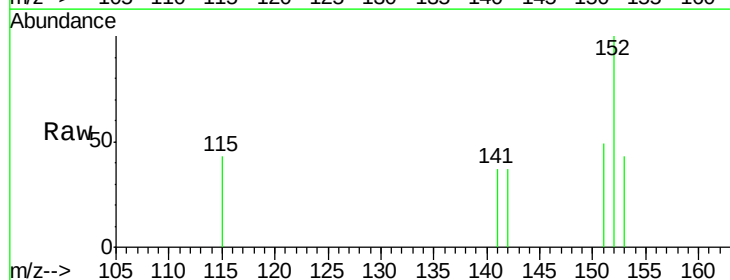
Acq: 18 Apr 2016 18:18

Tgt Ion:142 Resp: 7

Ion Ratio Lower Upper

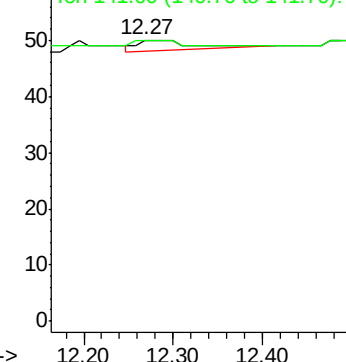
142 100

141 128.6 70.3 105.5#

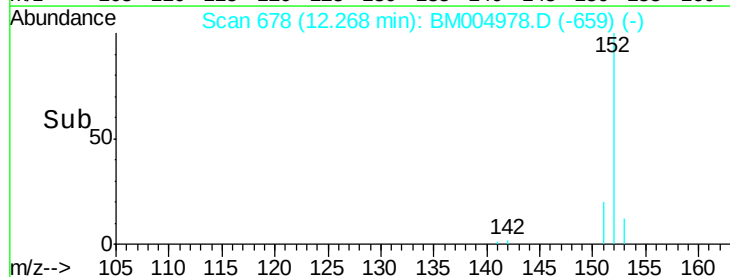


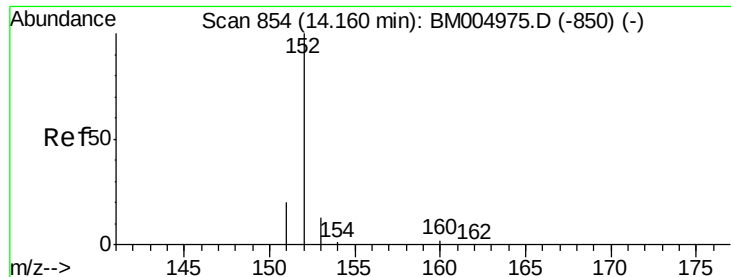
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.13 min Scan# 852

Delta R.T. -0.03 min

Lab File: BM004978.D

Acq: 18 Apr 2016 18:18

Instrument :

BNA_M

ClientSampleId :

SBLK18

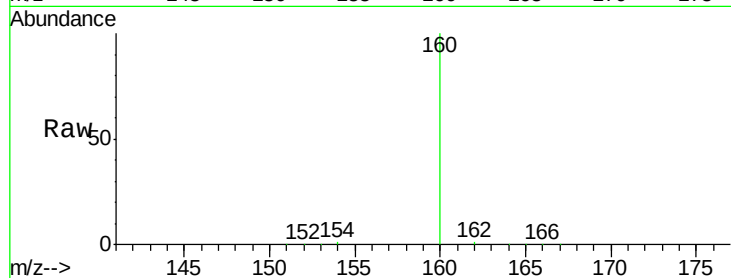
Tot Ion:152 Resp: 39

Ion Ratio Lower Upper

152 100

151 79.4 17.6 26.4#

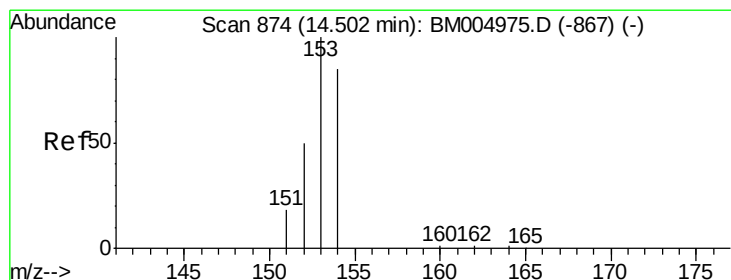
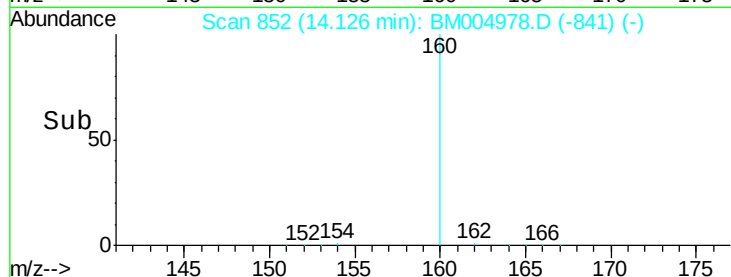
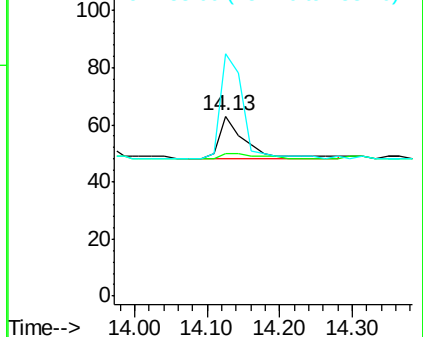
153 134.9 9.7 14.5#



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: BM004978.D

Acq: 18 Apr 2016 18:18

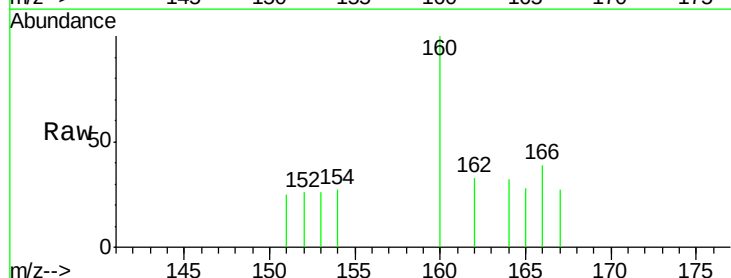
Tgt Ion:153 Resp: 4

Ion Ratio Lower Upper

153 100

152 98.0 33.9 50.9#

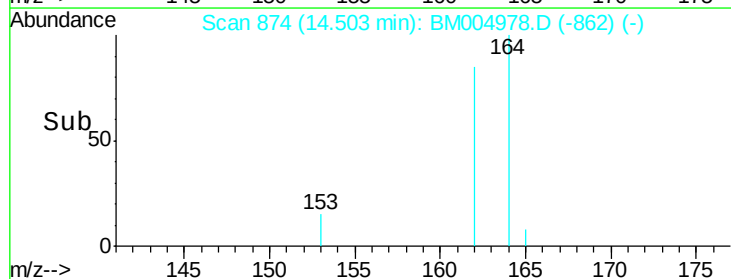
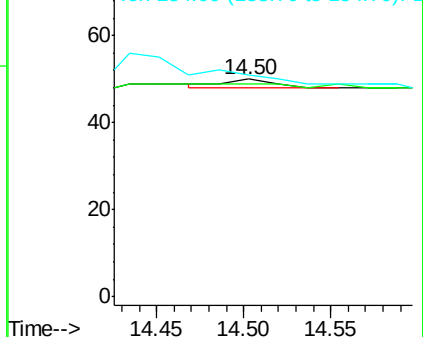
154 102.0 80.6 121.0

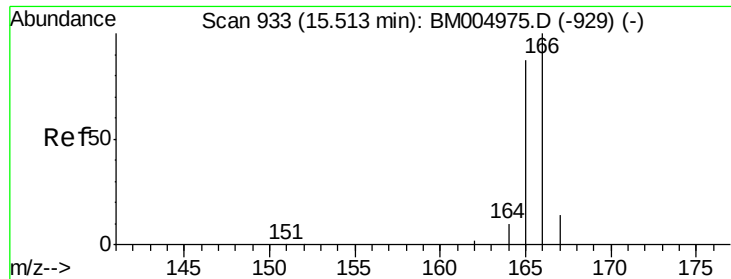


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

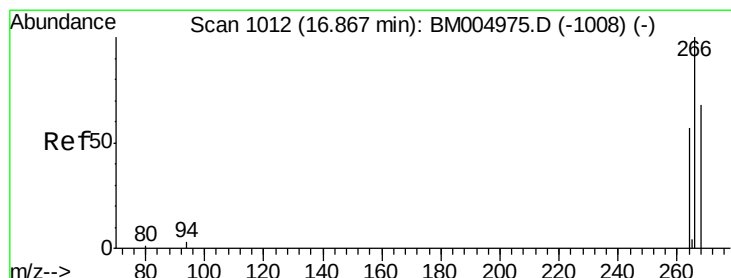
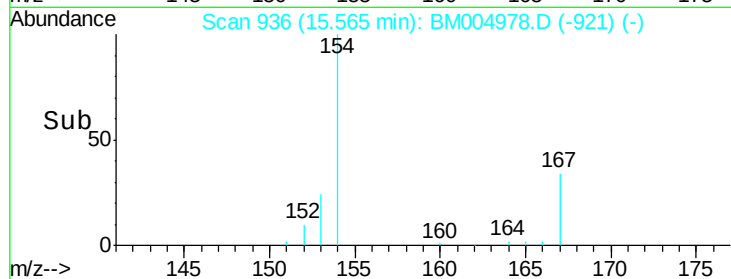
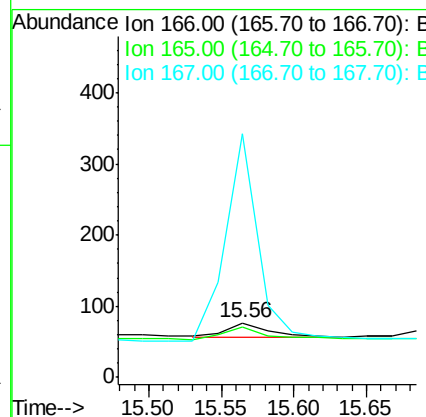
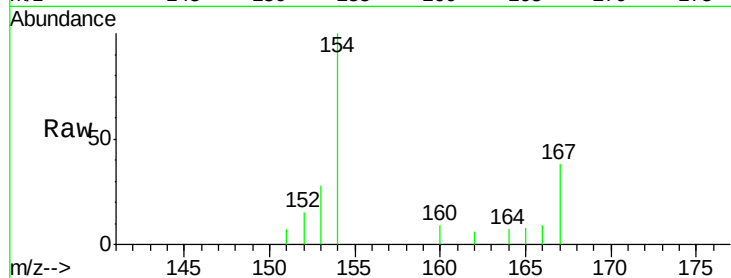




#11
Fluorene
Concen: 0.00 ng/ul
RT: 15.56 min Scan# 936
Delta R.T. 0.05 min
Lab File: BM004978.D
Acq: 18 Apr 2016 18:18

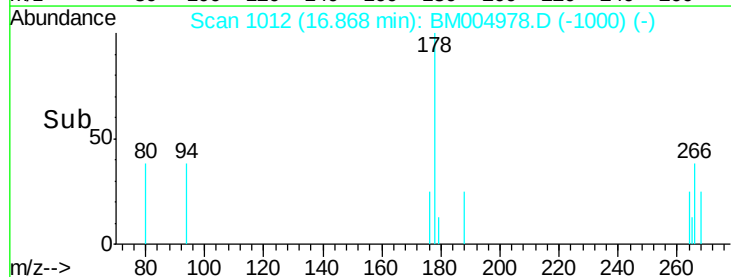
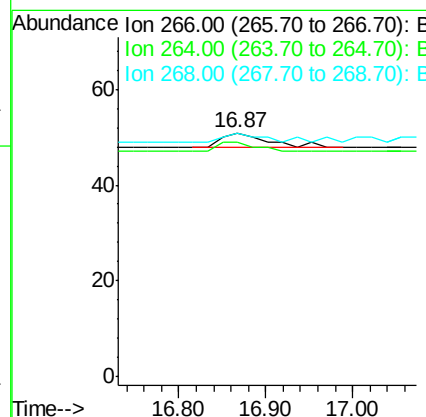
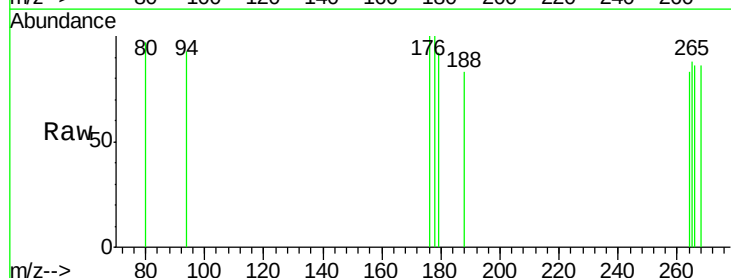
Instrument :
BNA_M
ClientSampleId :
SBLK18

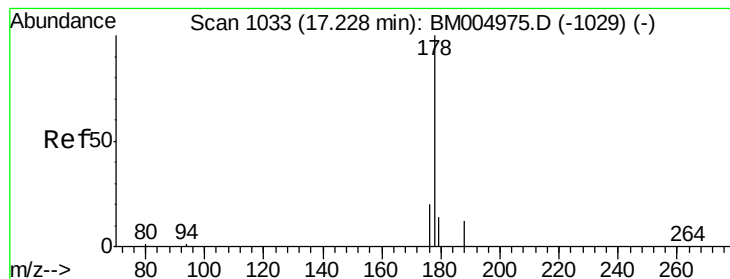
Tot Ion:166 Resp: 40
Ion Ratio Lower Upper
166 100
165 92.2 69.6 104.4
167 444.2 11.9 17.9#



#13
Pentachlorophenol
Concen: 0.00 ng/ul
RT: 16.87 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BM004978.D
Acq: 18 Apr 2016 18:18

Tgt Ion:266 Resp: 10
Ion Ratio Lower Upper
266 100
264 60.0 51.8 77.8
268 50.0 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: BM004978.D

Acq: 18 Apr 2016 18:18

Instrument :

BNA_M

ClientSampleId :

SBLK18

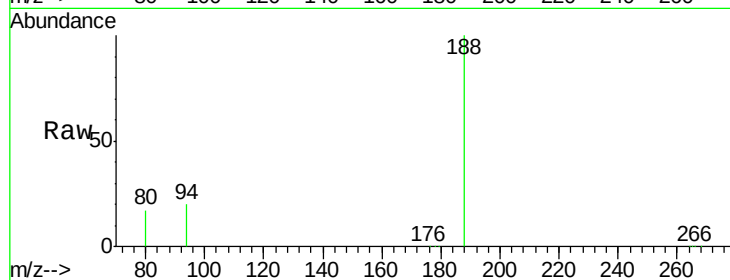
Tot Ion:178 Resp: 263

Ion Ratio Lower Upper

178 100

176 37.3 13.0 19.4#

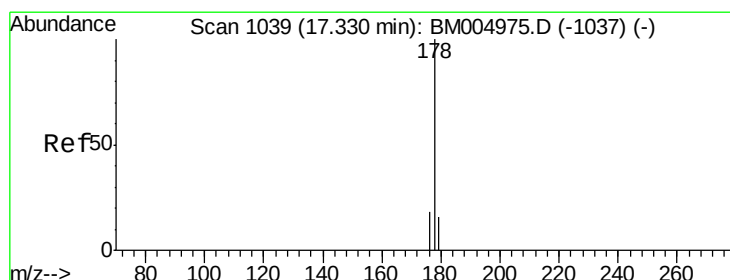
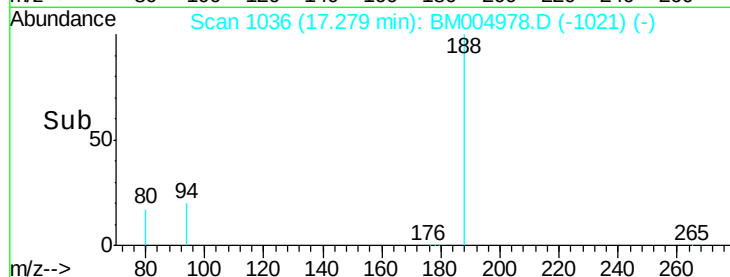
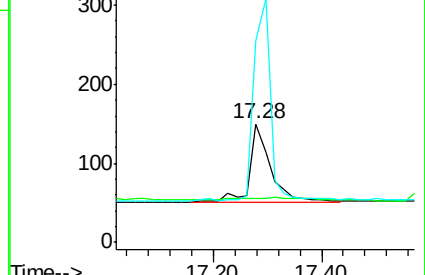
179 169.3 14.2 21.2#



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: BM004978.D

Acq: 18 Apr 2016 18:18

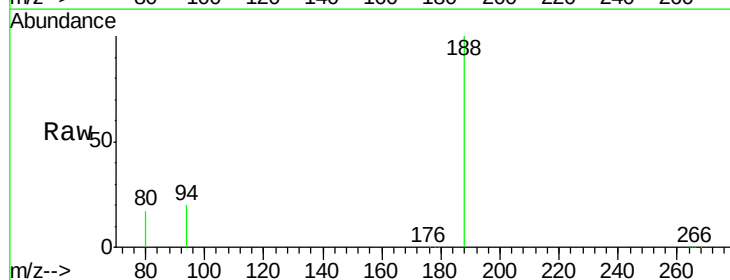
Tgt Ion:178 Resp: 232

Ion Ratio Lower Upper

178 100

176 37.3 14.0 21.0#

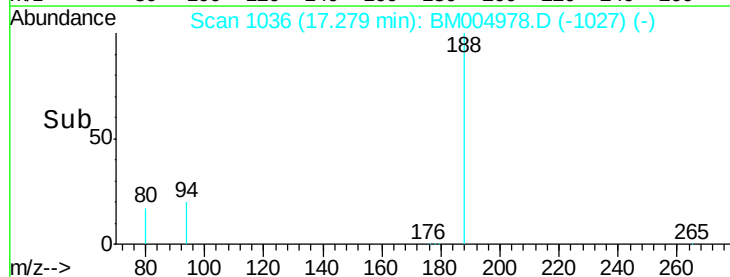
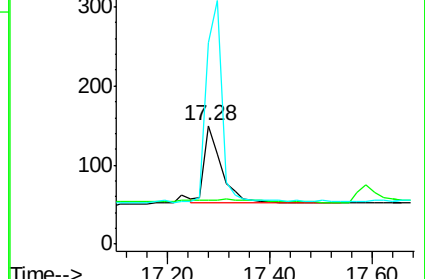
179 169.3 12.9 19.3#

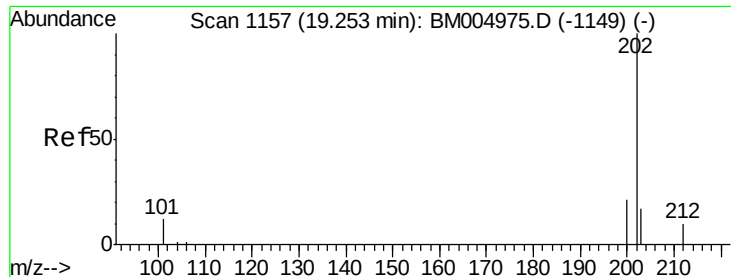


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

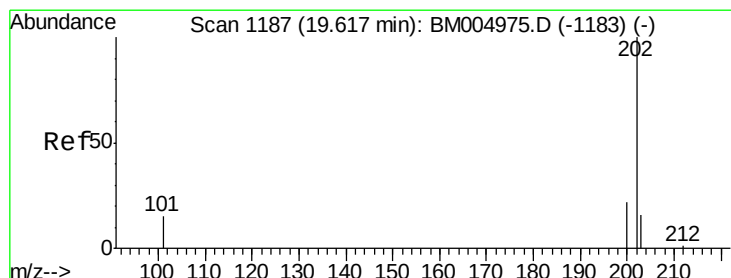
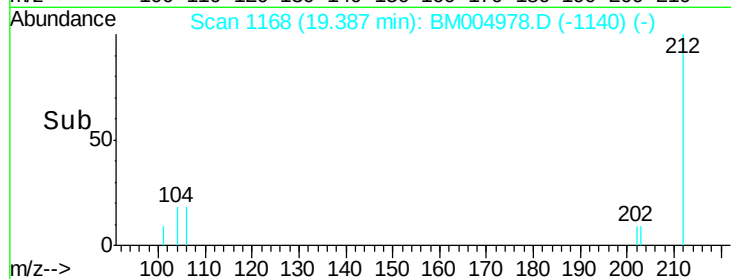
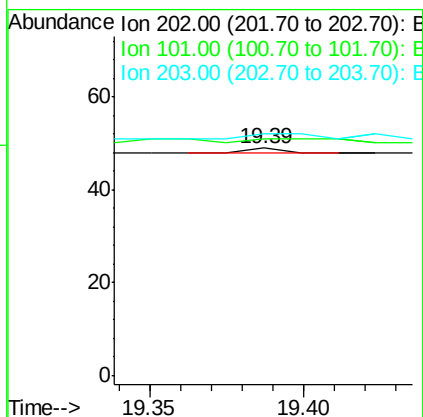
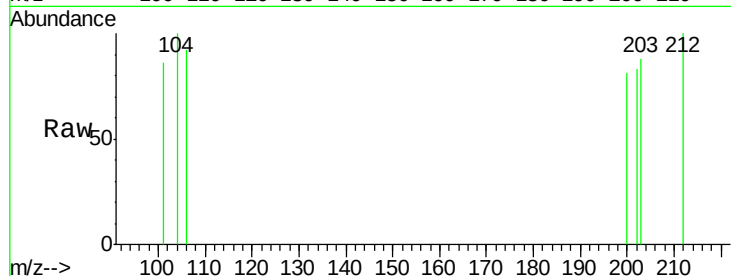




#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.39 min Scan# 1168
Delta R.T. 0.13 min
Lab File: BM004978.D
Acq: 18 Apr 2016 18:18

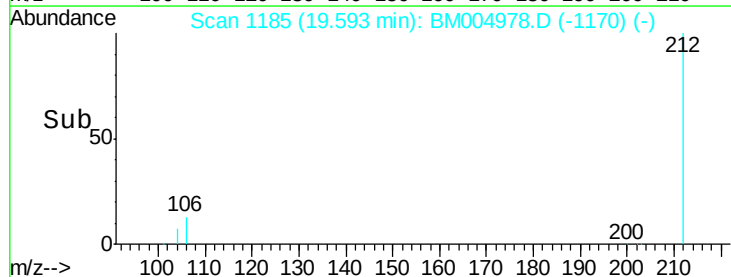
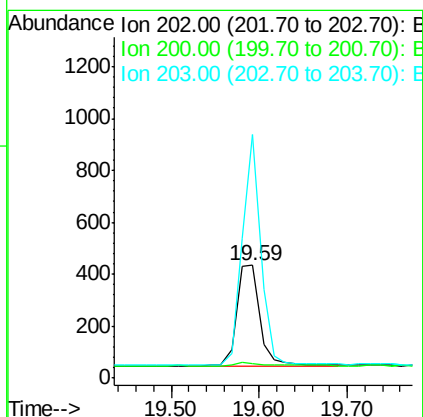
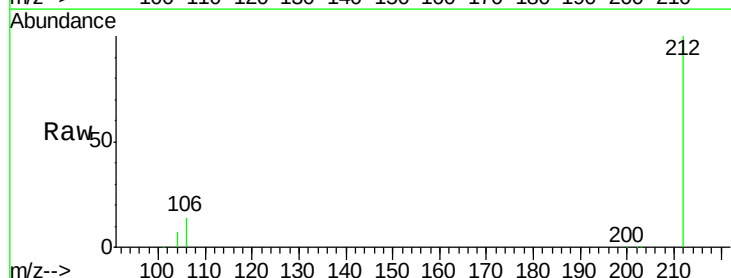
Instrument :
BNA_M
ClientSampleId :
SBLK18

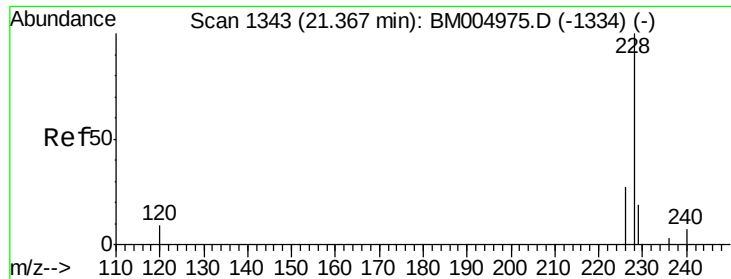
Tot Ion:202 Resp: 1
Ion Ratio Lower Upper
202 100
101 104.1 0.0 29.6#
203 106.1 0.0 36.3#



#19
Pyrene
Concen: 0.03 ng/ul
RT: 19.59 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BM004978.D
Acq: 18 Apr 2016 18:18

Tgt Ion:202 Resp: 706
Ion Ratio Lower Upper
202 100
200 13.3 17.8 26.8#
203 215.6 12.8 19.2#





#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.38 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BM004978.D

Acq: 18 Apr 2016 18:18

Instrument :

BNA_M

ClientSampleId :

SBLK18

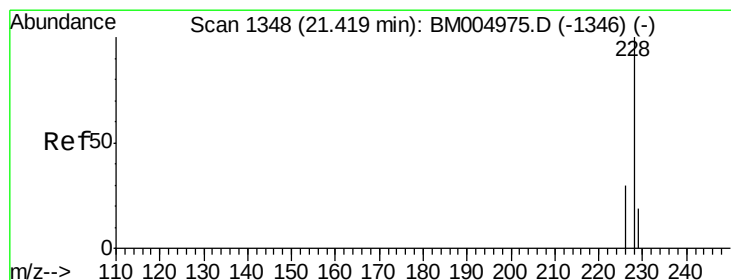
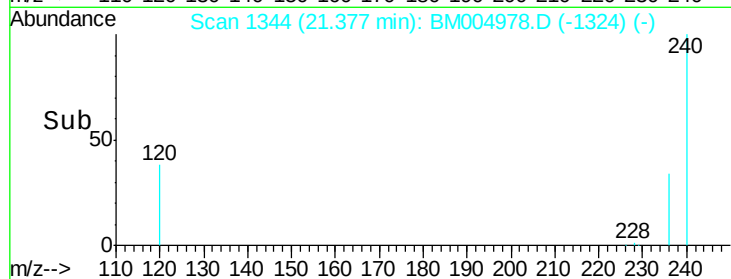
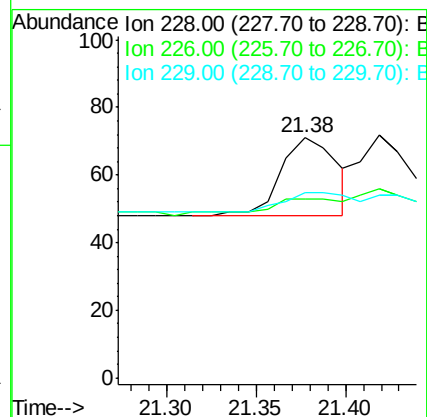
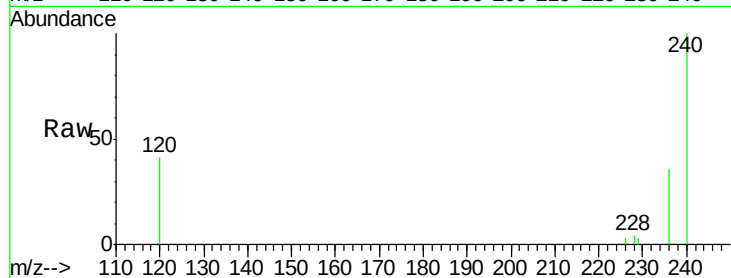
Tot Ion:228 Resp: 50

Ion Ratio Lower Upper

228 100

226 74.6 18.8 28.2#

229 77.5 17.1 25.7#



#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.42 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BM004978.D

Acq: 18 Apr 2016 18:18

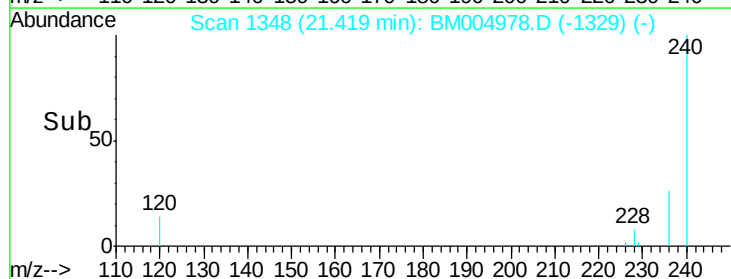
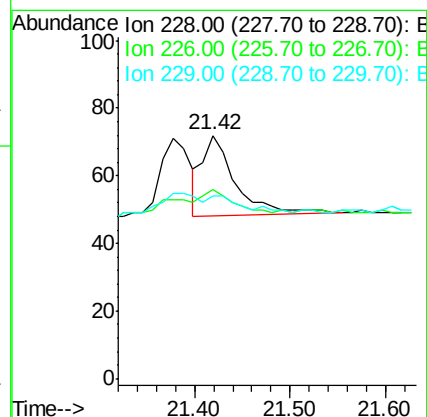
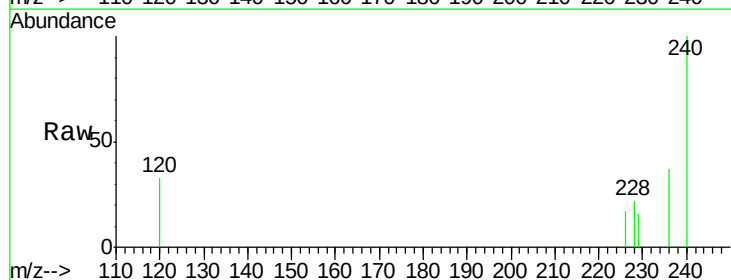
Tgt Ion:228 Resp: 58

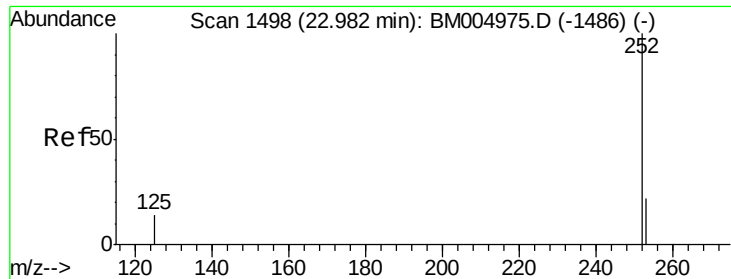
Ion Ratio Lower Upper

228 100

226 77.8 21.2 31.8#

229 75.0 17.0 25.6#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.86 min Scan# 1486

Delta R.T. -0.12 min

Lab File: BM004978.D

Acq: 18 Apr 2016 18:18

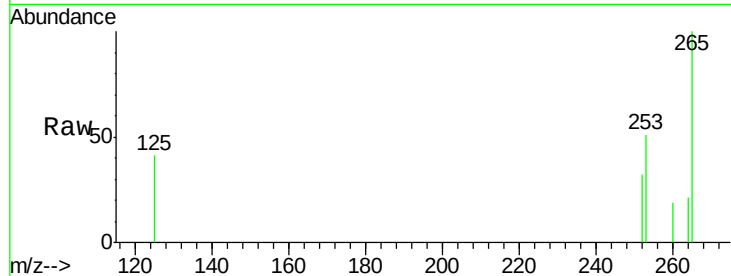
Instrument :

BNA_M

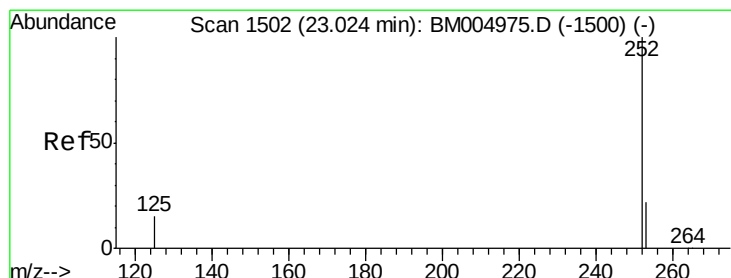
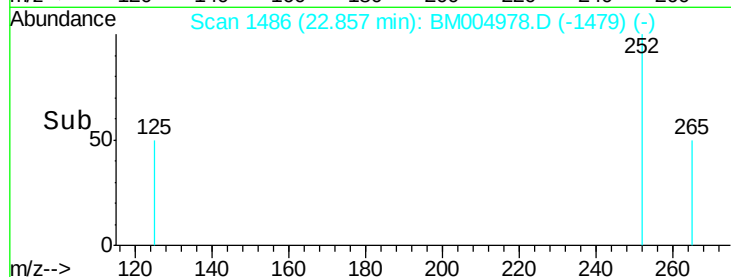
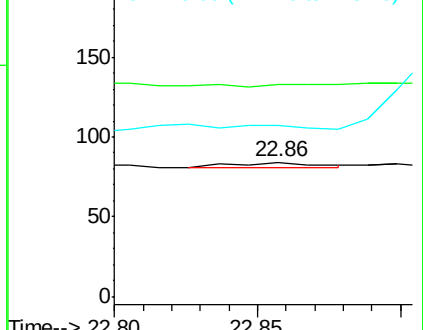
ClientSampleId :

SBLK18

Tot Ion:	252	Resp:	5
Ion	Ratio	Lower	Upper
252	100		
253	158.3	0.0	45.4#
125	127.4	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

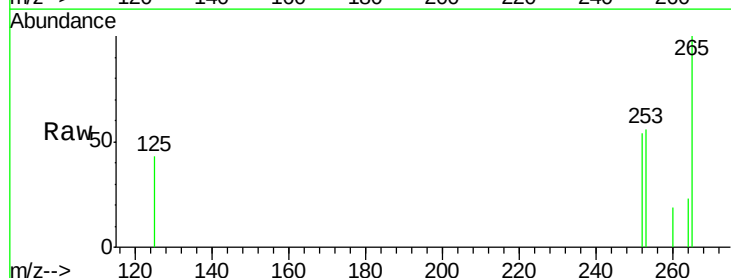
RT: 22.98 min Scan# 1498

Delta R.T. -0.04 min

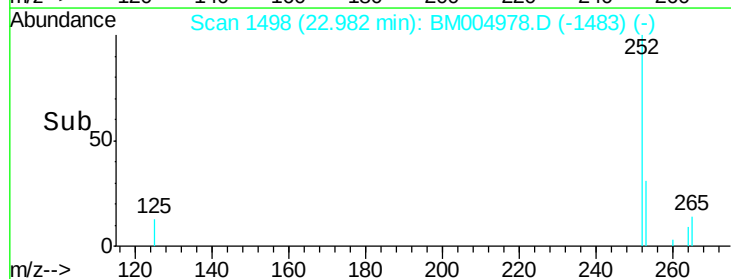
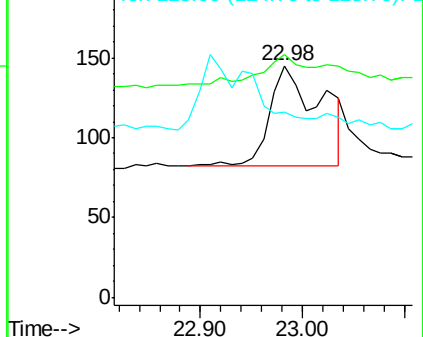
Lab File: BM004978.D

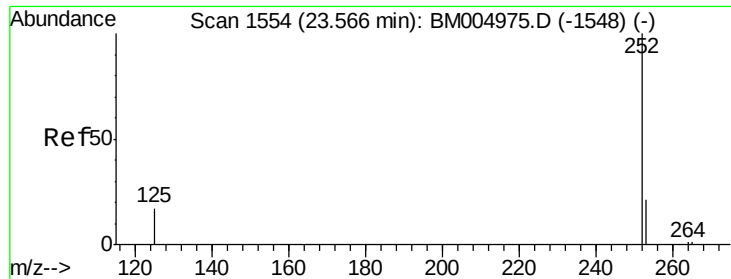
Acq: 18 Apr 2016 18:18

Tgt Ion:	252	Resp:	221
Ion	Ratio	Lower	Upper
252	100		
253	104.8	19.8	29.8#
125	80.0	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: 23.51 min Scan# 1549

Delta R.T. -0.05 min

Lab File: BM004978.D

Acq: 18 Apr 2016 18:18

Instrument :

BNA_M

ClientSampleId :

SBLK18

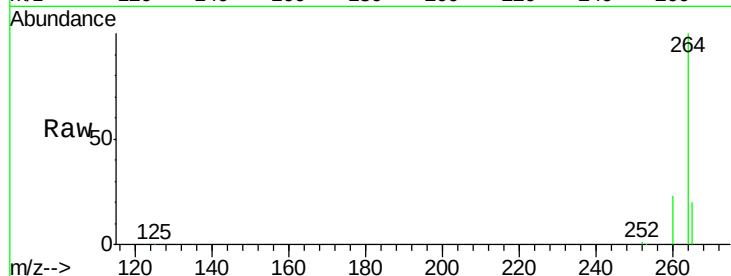
Tot Ion:252 Resp: 1385

Ion Ratio Lower Upper

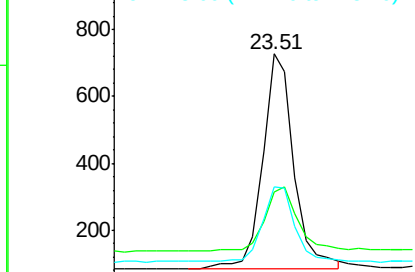
252 100

253 43.3 19.4 29.2#

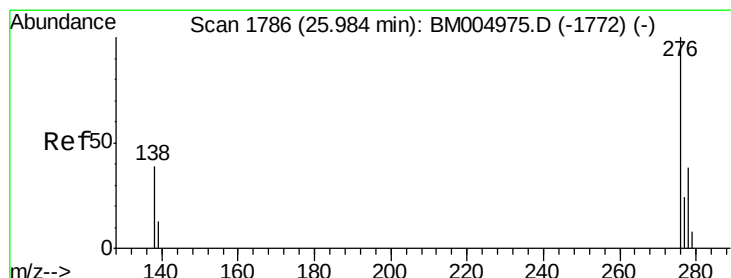
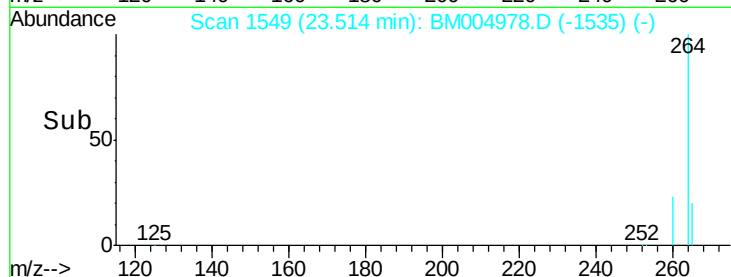
125 45.5 12.7 19.1#



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: 25.70 min Scan# 1759

Delta R.T. -0.28 min

Lab File: BM004978.D

Acq: 18 Apr 2016 18:18

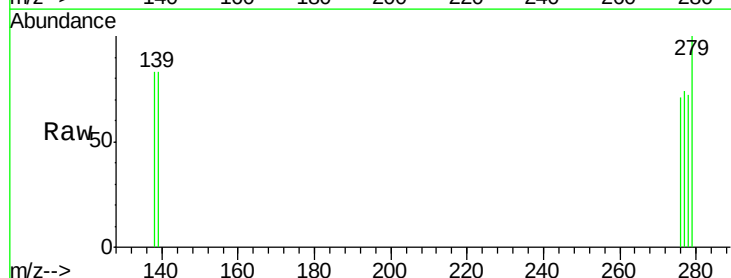
Tgt Ion:276 Resp: 6

Ion Ratio Lower Upper

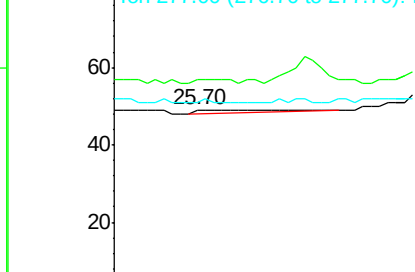
276 100

138 50.0 16.3 24.5#

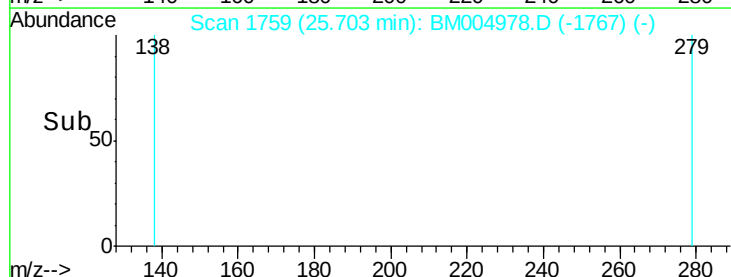
277 16.7 19.8 29.8#

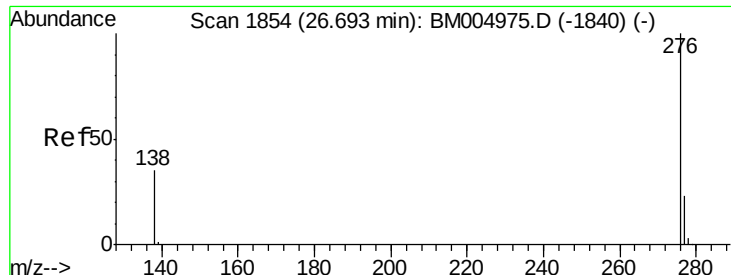


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->





#28

Benzo(a,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.55 min Scan# 1840

Delta R.T. -0.15 min

Lab File: BM004978.D

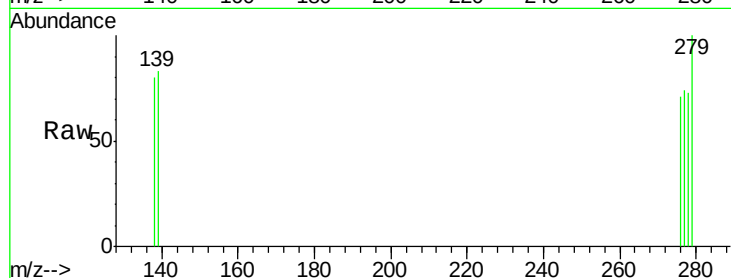
Acq: 18 Apr 2016 18:18

Instrument :

BNA_M

ClientSampleId :

SBLK18



Tot Ion:	276	Resp:	3
Ion	Ratio	Lower	Upper
276	100		
277	104.0	18.9	28.3#
138	112.0	22.5	33.7#

