

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041816\
 Data File : BM004986.D
 Acq On : 18 Apr 2016 23:10
 Operator : UM/SJ
 Sample : H2298-22
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9TA4

Quant Time: Apr 19 08:29:16 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	1256	0.40	ng/ul	0.00
4) Naphthalene-d8	10.61	136	5149	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.45	164	2786	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.28	188	365275	0.40	ng/ul	0.09
18) Chrysene-d12	21.39	240	4420	0.40	ng/ul	0.00
22) Perylene-d12	23.51	264	262390	0.40	ng/ul	-0.16

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.31	96	1680	2.77	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	2128	0.35	ng/ul	0.01
16) Fluoranthene-d10	19.23	212	3994	0.01	ng/ul	0.00

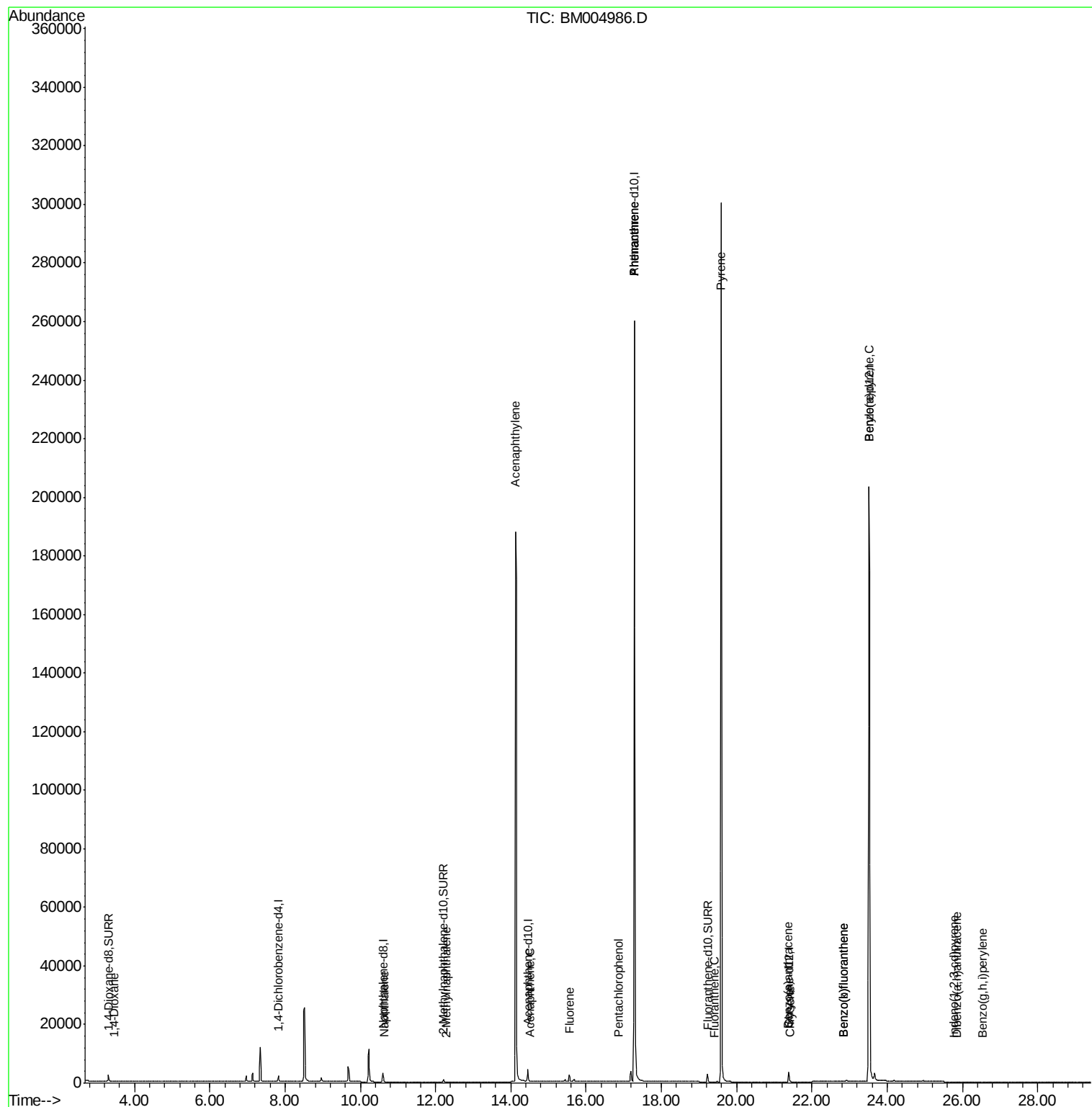
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) 1,4-Dioxane	3.46	88	5	0.01	ng/ul#	73
5) Naphthalene	10.65	128	54	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.28	142	34	0.00	ng/ul#	78
9) Acenaphthylene	14.13	152	41	0.00	ng/ul#	1
10) Acenaphthene	14.50	153	12	0.00	ng/ul#	74
11) Fluorene	15.56	166	34	0.00	ng/ul#	1
13) Pentachlorophenol	16.85	266	3	0.00	ng/ul#	51
14) Phenanthrene	17.28	178	204	0.00	ng/ul#	1
15) Anthracene	17.28	178	222	0.00	ng/ul#	1
17) Fluoranthene	19.40	202	4	0.00	ng/ul#	1
19) Pyrene	19.58	202	641	0.04	ng/ul#	1
20) Benzo(a)anthracene	21.38	228	44	0.00	ng/ul#	1
21) Chrysene	21.42	228	49	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	22.84	252	6	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.84	252	6	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.51	252	1161	0.00	ng/ul#	39
26) Indeno(1,2,3-cd)pyrene	25.78	276	1	0.00	ng/ul#	53
27) Dibenzo(a,h)anthracene	25.85	278	1	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.53	276	1	0.00	ng/ul#	1

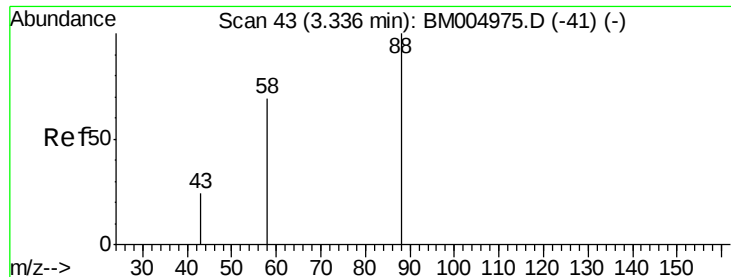
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041816\
Data File : BM004986.D
Acq On : 18 Apr 2016 23:10
Operator : UM/SJ
Sample : H2298-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9TA4

Quant Time: Apr 19 08:29:16 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





#3

1,4-Dioxane

Concen: 0.01 ng/ul

RT: 3.46 min Scan# 51

Delta R.T. 0.12 min

Lab File: BM004986.D

Acq: 18 Apr 2016 23:10

Instrument :

BNA_M

ClientSampleId :

D9TA4

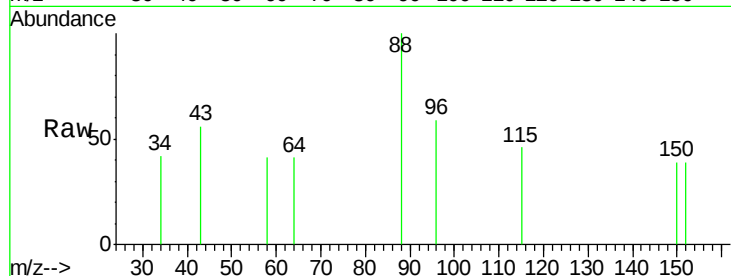
Tot Ion: 88 Resp: 5

Ion Ratio Lower Upper

88 100

58 0.0 8.0 12.0#

43 0.0 8.0 12.0#



Abundance Ion 88.00 (87.70 to 88.70): BM004975.D (-41) (-)

Ion 58.00 (57.70 to 58.70): BM004975.D (-41) (-)

Ion 43.00 (42.70 to 43.70): BM004975.D (-41) (-)

3.46

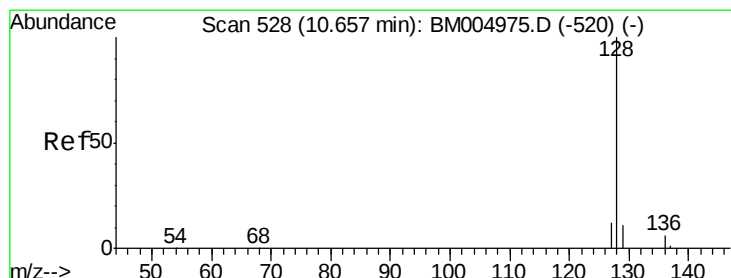
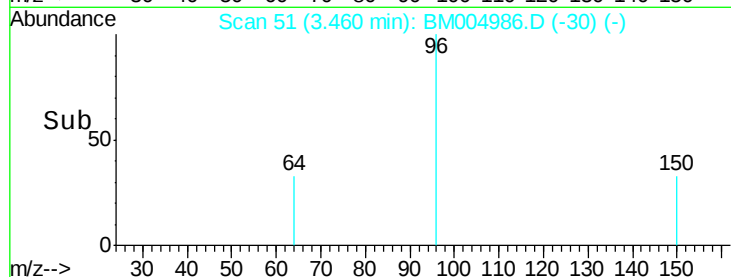
100

50

0

3.44 3.46 3.48

Time-->



#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.65 min Scan# 527

Delta R.T. -0.01 min

Lab File: BM004986.D

Acq: 18 Apr 2016 23:10

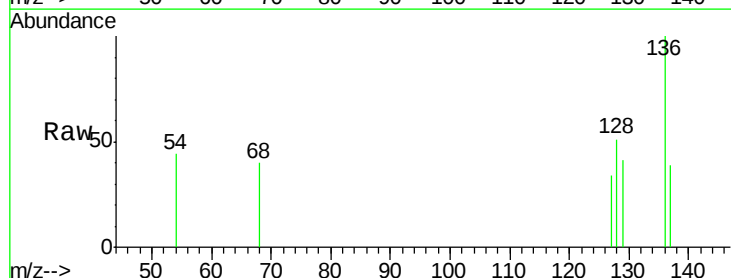
Tgt Ion: 128 Resp: 54

Ion Ratio Lower Upper

128 100

129 80.8 9.0 13.6#

127 66.7 9.6 14.4#



Abundance Ion 128.00 (127.70 to 128.70): BM004975.D (-520) (-)

Ion 129.00 (128.70 to 129.70): BM004975.D (-520) (-)

Ion 127.00 (126.70 to 127.70): BM004975.D (-520) (-)

10.65

80

60

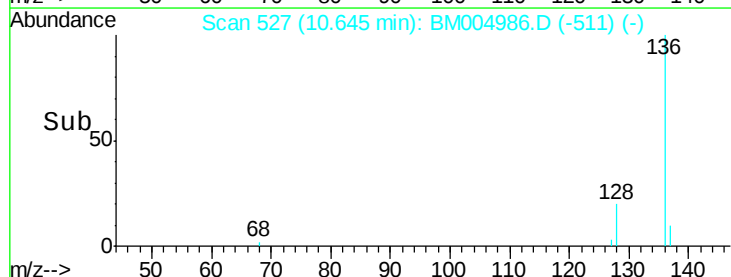
40

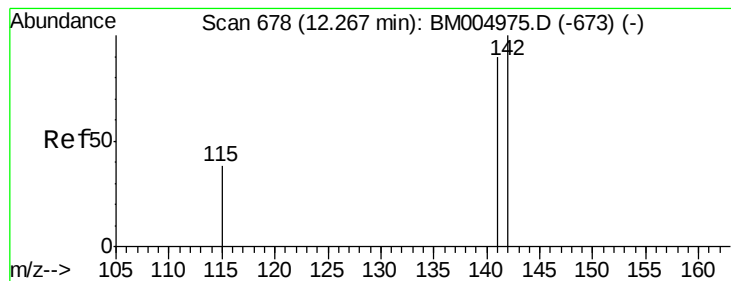
20

0

10.50 10.60 10.70 10.80

Time-->





#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BM004986.D

Acq: 18 Apr 2016 23:10

Instrument :

BNA_M

ClientSampleId :

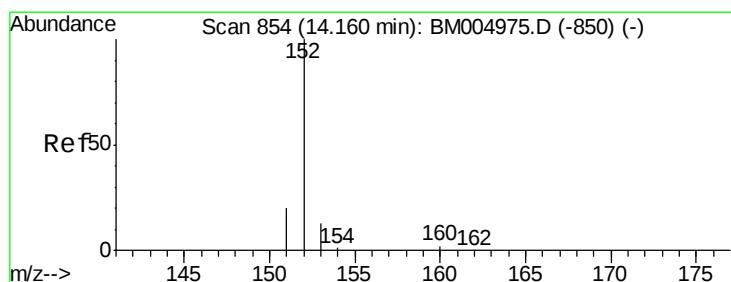
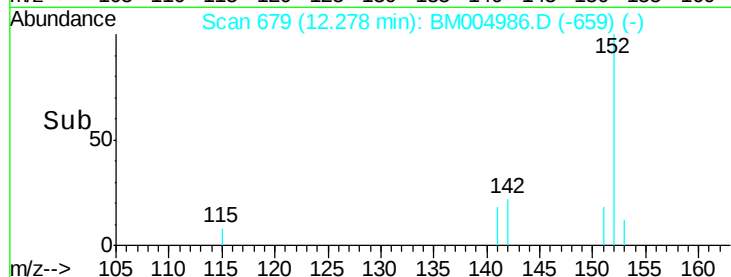
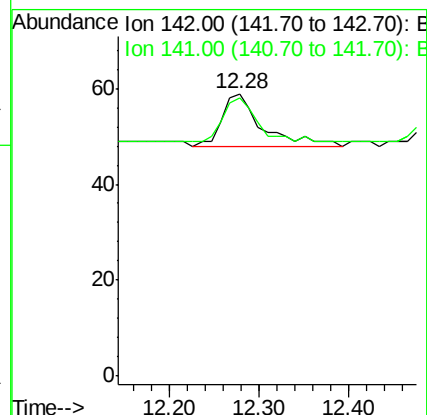
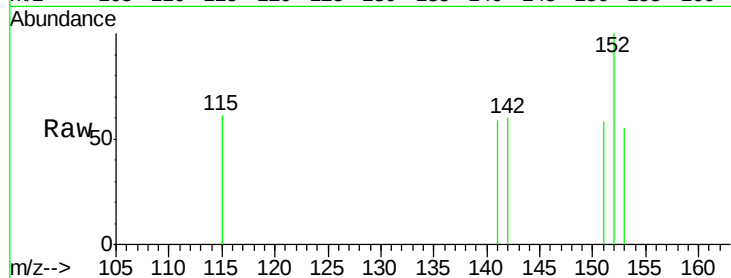
D9TA4

Tot Ion:142 Resp: 34

Ion Ratio Lower Upper

142 100

141 67.6 70.3 105.5#



#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.13 min Scan# 852

Delta R.T. -0.03 min

Lab File: BM004986.D

Acq: 18 Apr 2016 23:10

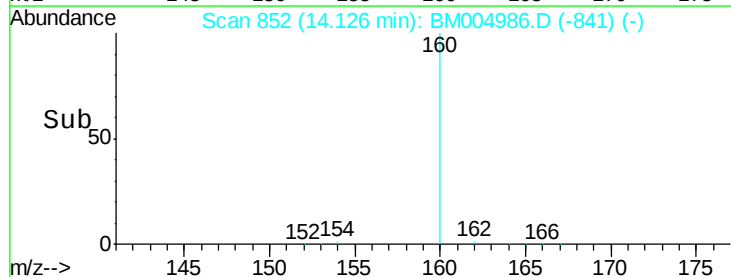
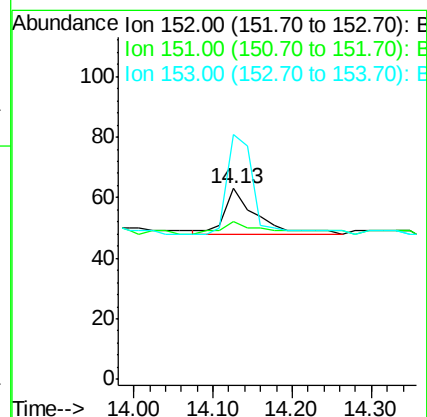
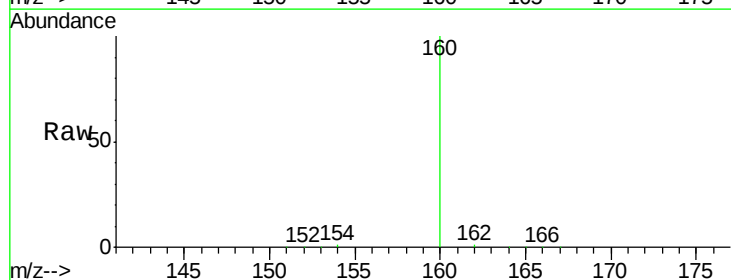
Tgt Ion:152 Resp: 41

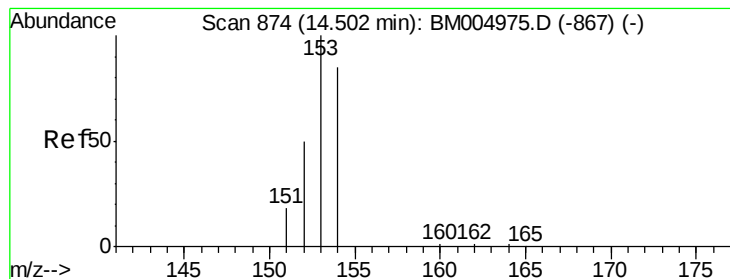
Ion Ratio Lower Upper

152 100

151 82.5 17.6 26.4#

153 128.6 9.7 14.5#





#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.50 min Scan# 874

Delta R.T. 0.00 min

Lab File: BM004986.D

Acq: 18 Apr 2016 23:10

Instrument :

BNA_M

ClientSampleId :

D9TA4

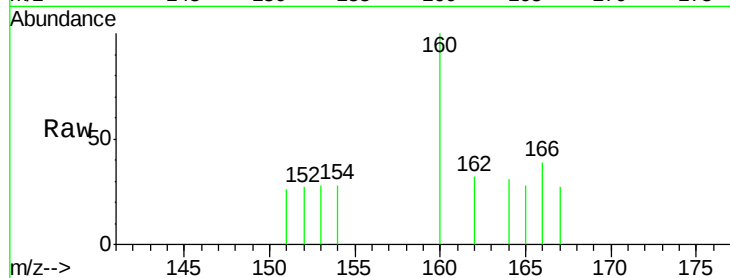
Tot Ion:153 Resp: 12

Ion Ratio Lower Upper

153 100

152 96.3 33.9 50.9#

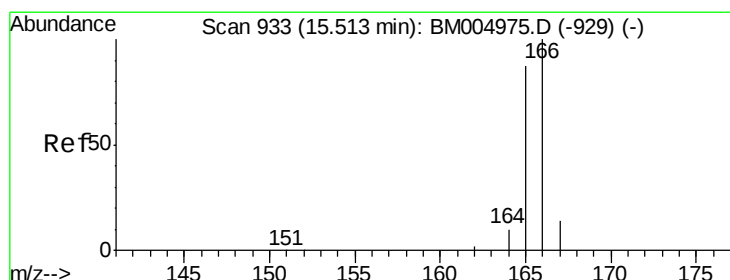
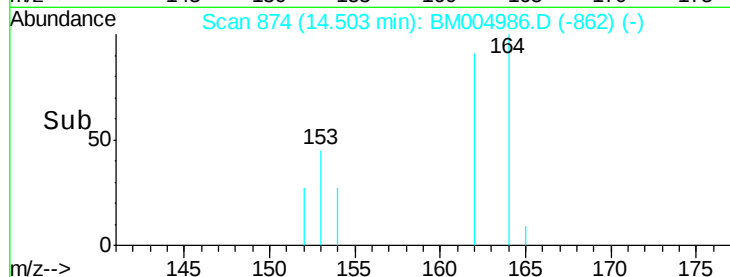
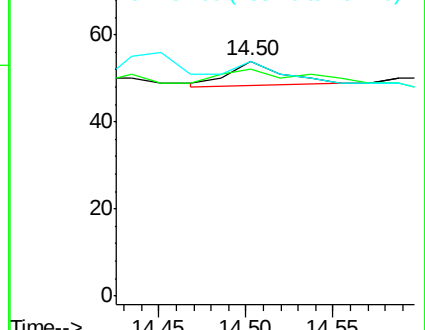
154 100.0 80.6 121.0



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: BM004986.D

Acq: 18 Apr 2016 23:10

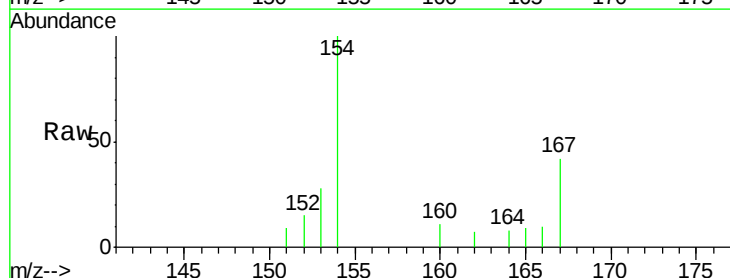
Tgt Ion:166 Resp: 34

Ion Ratio Lower Upper

166 100

165 91.0 69.6 104.4

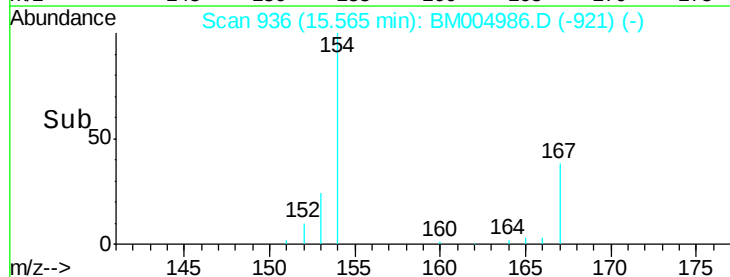
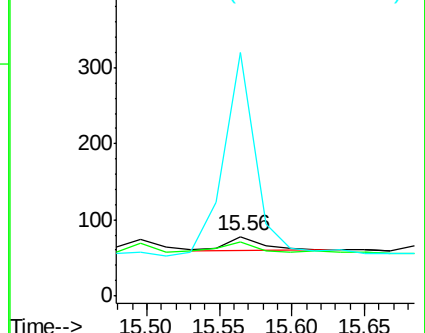
167 410.3 11.9 17.9#

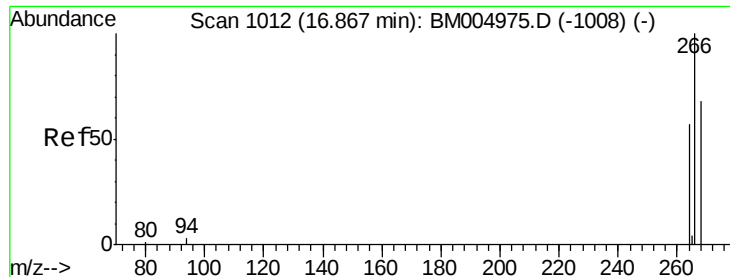


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

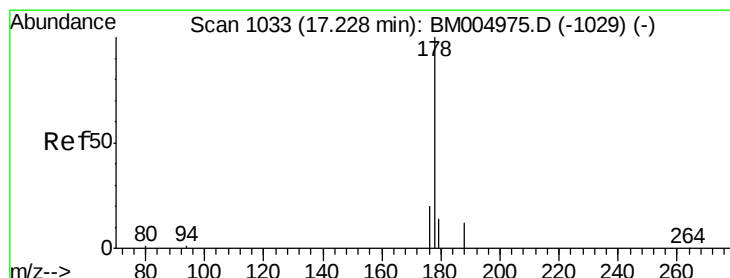
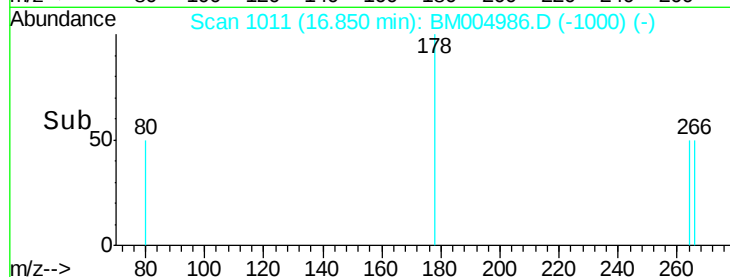
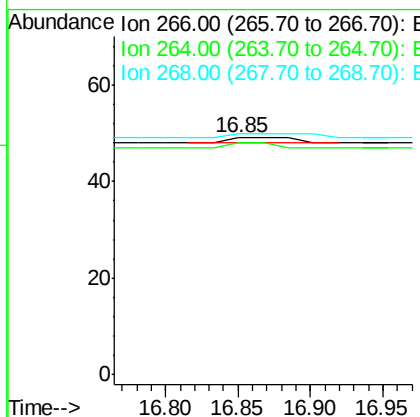
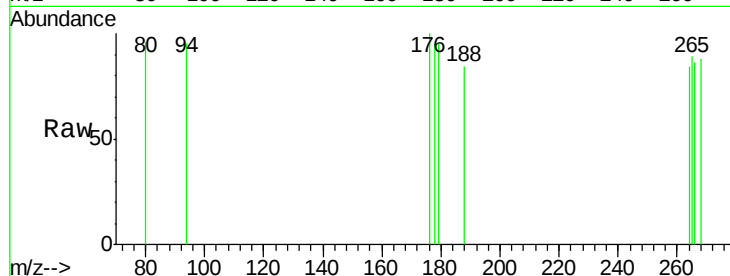




#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.85 min Scan# 1011
 Delta R.T. -0.02 min
 Lab File: BM004986.D
 Acq: 18 Apr 2016 23:10

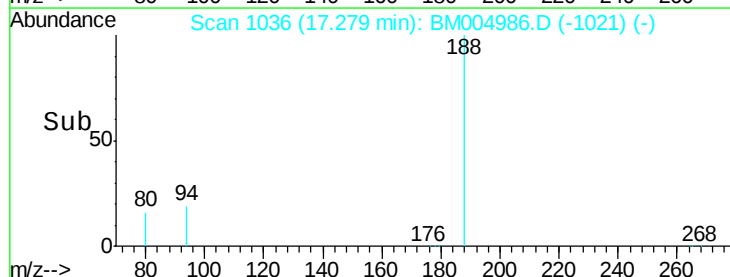
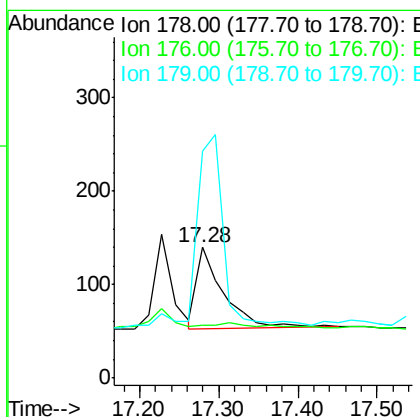
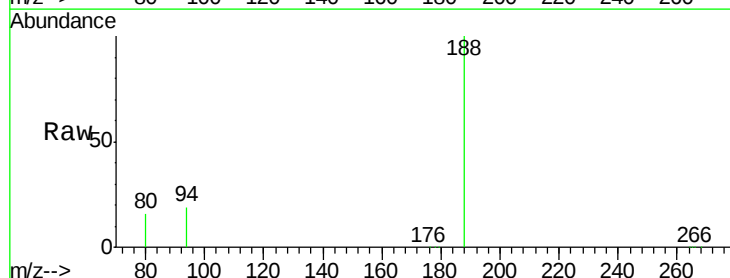
Instrument :
 BNA_M
 ClientSampleId :
 D9TA4

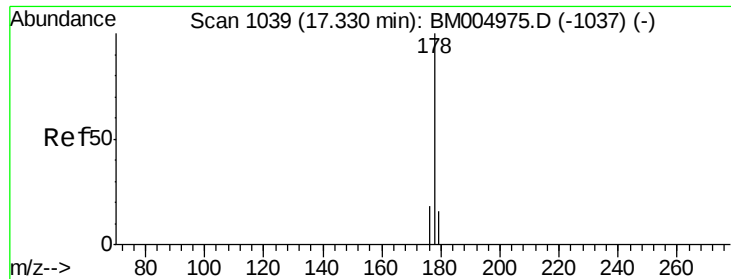
Tot Ion:266 Resp: 3
 Ion Ratio Lower Upper
 266 100
 264 66.7 51.8 77.8
 268 133.3 46.8 70.2#



#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 17.28 min Scan# 1036
 Delta R.T. 0.05 min
 Lab File: BM004986.D
 Acq: 18 Apr 2016 23:10

Tgt Ion:178 Resp: 204
 Ion Ratio Lower Upper
 178 100
 176 40.7 13.0 19.4#
 179 173.6 14.2 21.2#





#15

Anthracene

Concen: 0.00 ng/u1

RT: 17.28 min Scan# 1036

Delta R.T. -0.05 min

Lab File: BM004986.D

Acq: 18 Apr 2016 23:10

Instrument :

BNA_M

ClientSampleId :

D9TA4

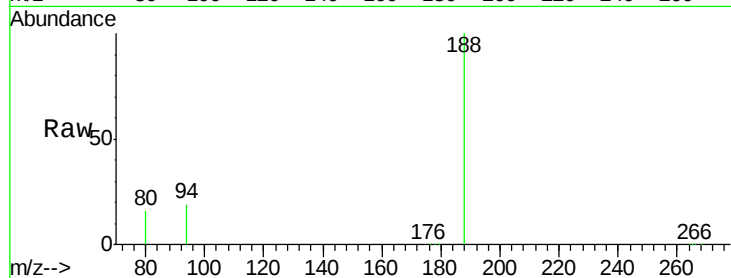
Tot Ion:178 Resp: 222

Ion Ratio Lower Upper

178 100

176 40.7 14.0 21.0#

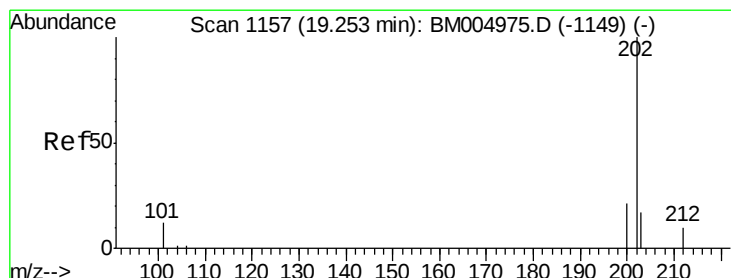
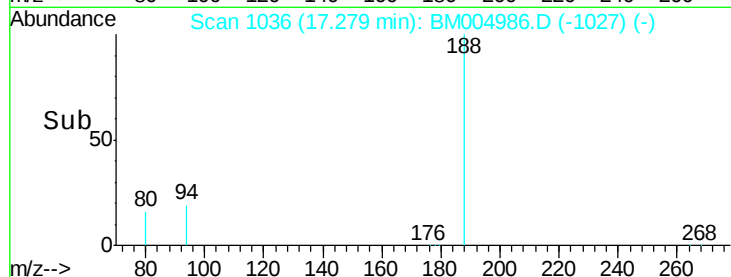
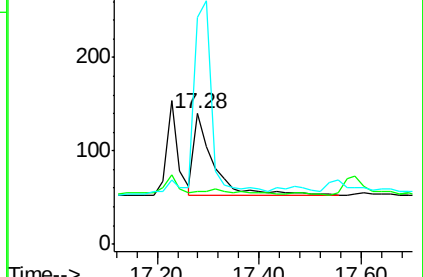
179 173.6 12.9 19.3#



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/u1

RT: 19.40 min Scan# 1169

Delta R.T. 0.15 min

Lab File: BM004986.D

Acq: 18 Apr 2016 23:10

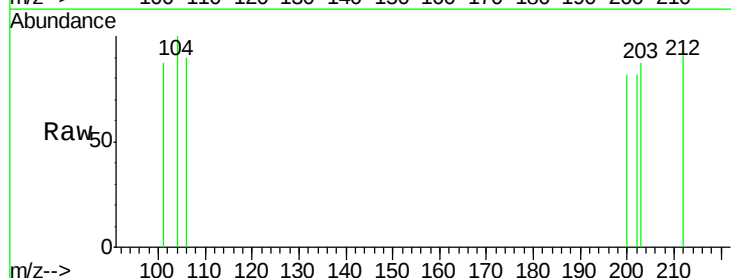
Tgt Ion:202 Resp: 4

Ion Ratio Lower Upper

202 100

101 106.1 0.0 29.6#

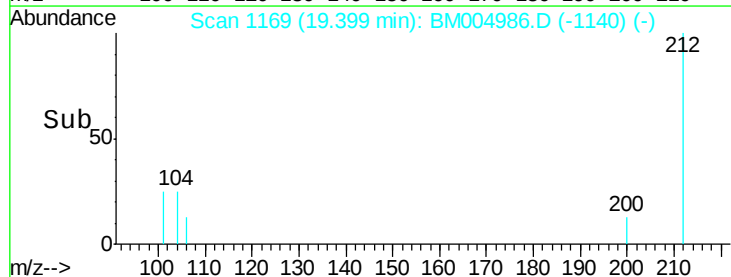
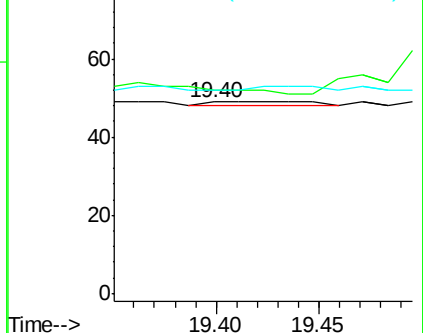
203 106.1 0.0 36.3#

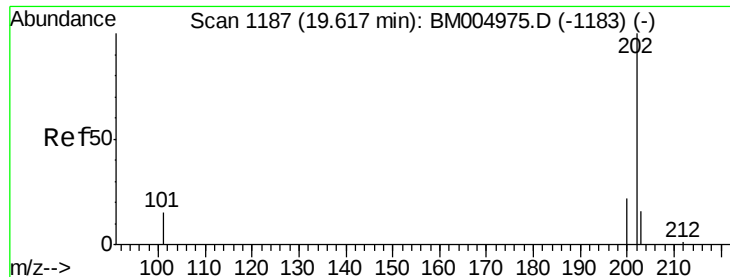


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pvrene

Concen: 0.04 ng/ul

RT: 19.58 min Scan# 1184

Delta R.T. -0.04 min

Lab File: BM004986.D

Acq: 18 Apr 2016 23:10

Instrument :

BNA_M

ClientSampled :

D9TA4

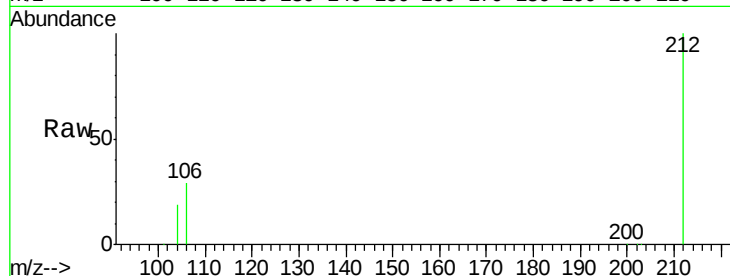
Tot Ion:202 Resp: 641

Ion Ratio Lower Upper

202 100

200 14.5 17.8 26.8#

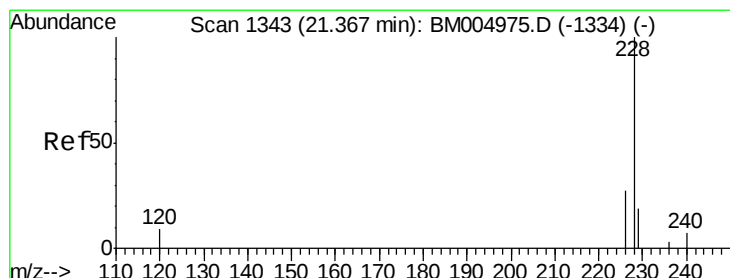
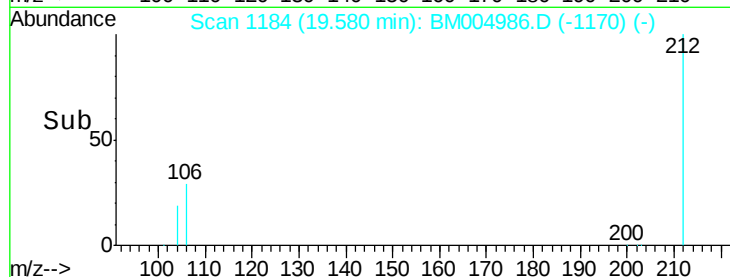
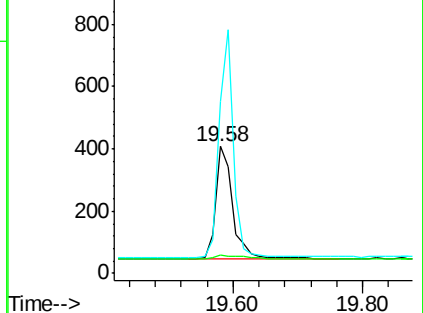
203 135.3 12.8 19.2#



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



#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.38 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BM004986.D

Acq: 18 Apr 2016 23:10

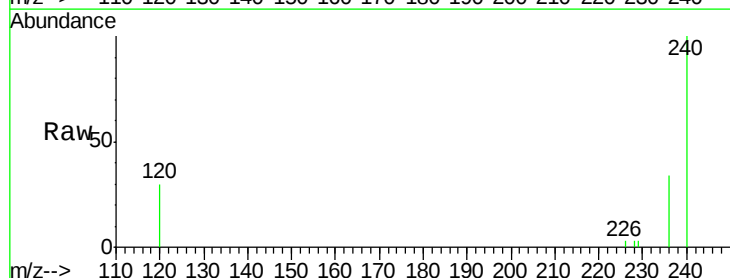
Tgt Ion:228 Resp: 44

Ion Ratio Lower Upper

228 100

226 77.9 18.8 28.2#

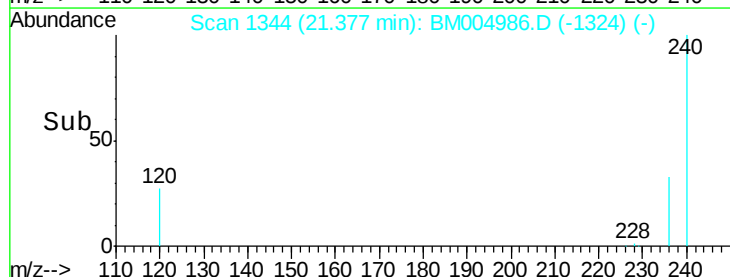
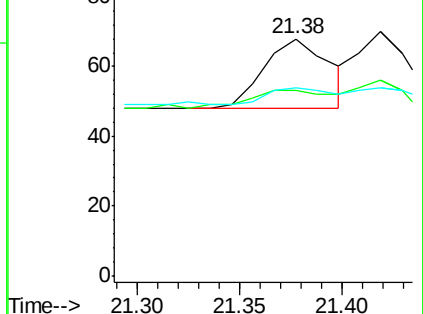
229 79.4 17.1 25.7#

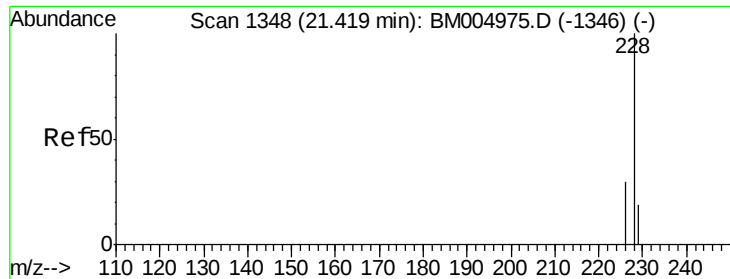


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.00 ng/u1

RT: 21.42 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BM004986.D

Acq: 18 Apr 2016 23:10

Instrument :

BNA_M

ClientSampleId :

D9TA4

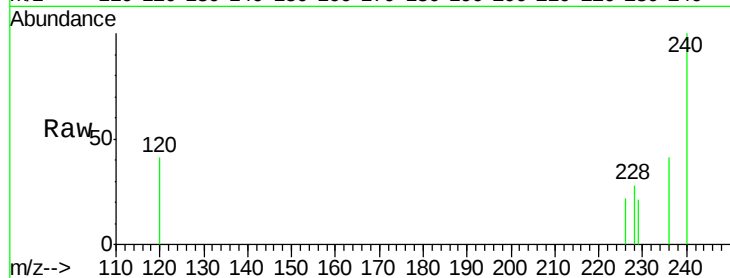
Tot Ion:228 Resp: 49

Ion Ratio Lower Upper

228 100

226 80.0 21.2 31.8#

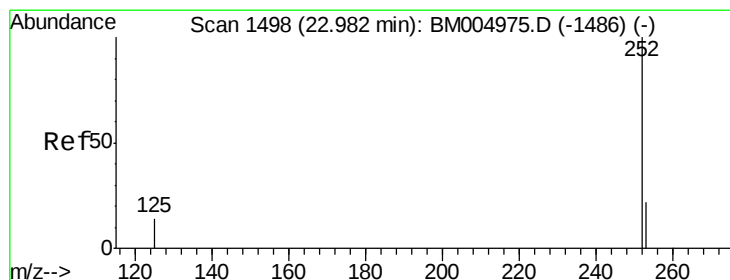
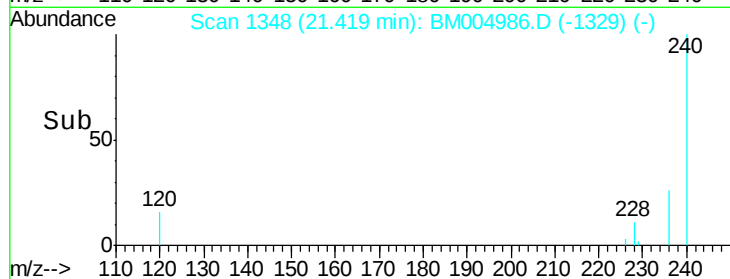
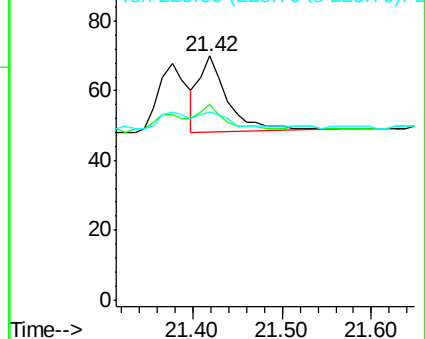
229 77.1 17.0 25.6#



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: 22.84 min Scan# 1484

Delta R.T. -0.15 min

Lab File: BM004986.D

Acq: 18 Apr 2016 23:10

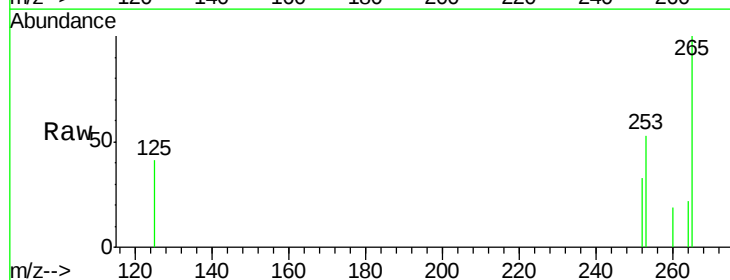
Tgt Ion:252 Resp: 6

Ion Ratio Lower Upper

252 100

253 161.4 0.0 45.4#

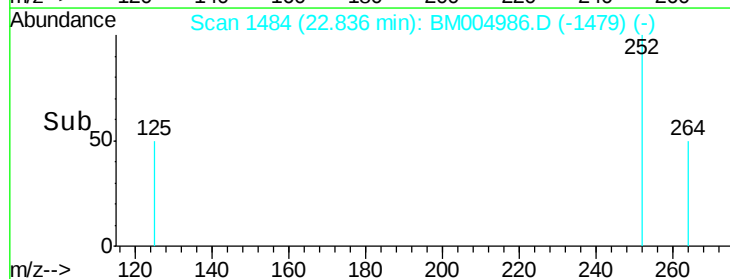
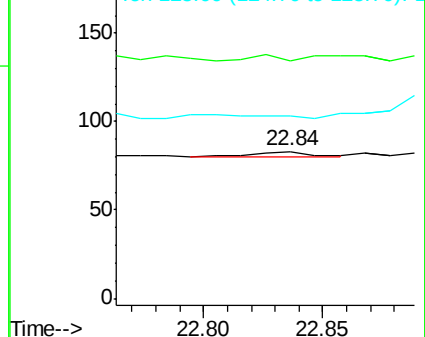
125 124.1 0.0 28.8#

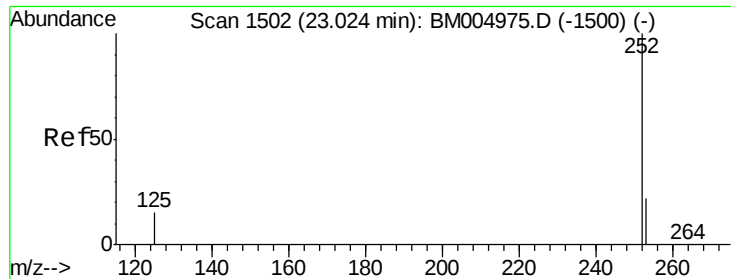


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

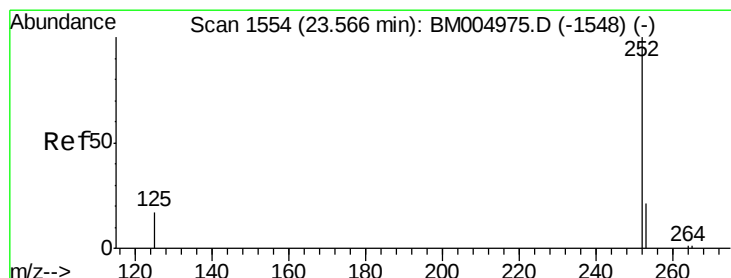
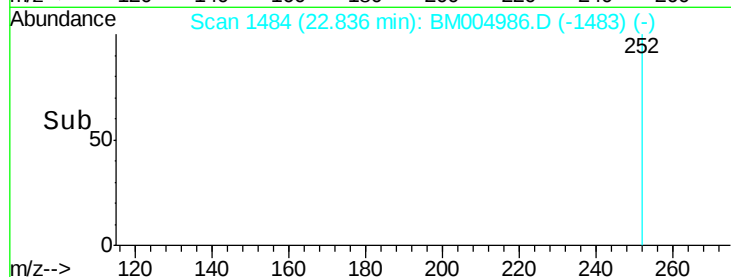
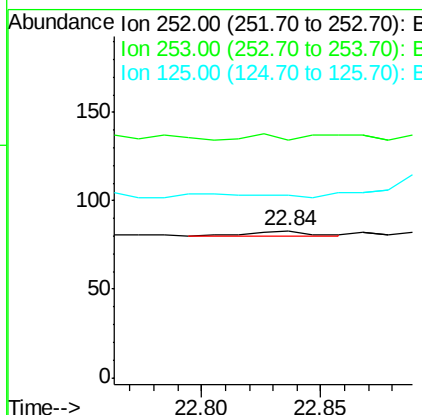
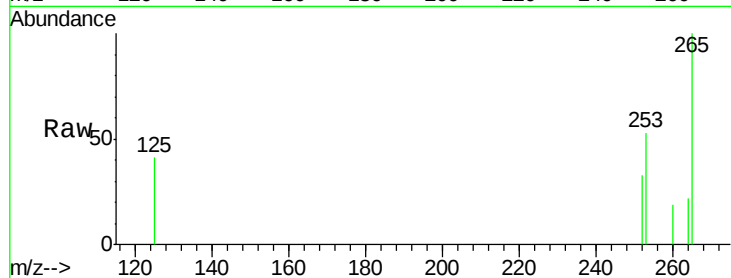




#24
Benzo(k)fluoranthene
Concen: 0.00 ng/ul
RT: 22.84 min Scan# 1484
Delta R.T. -0.19 min
Lab File: BM004986.D
Acq: 18 Apr 2016 23:10

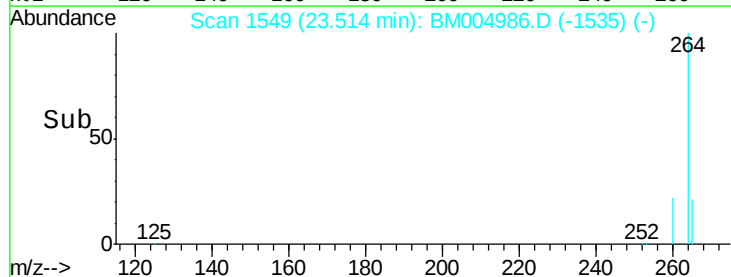
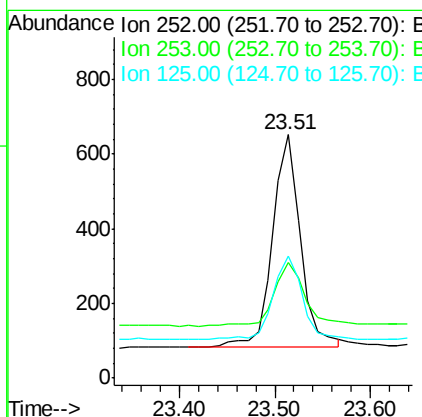
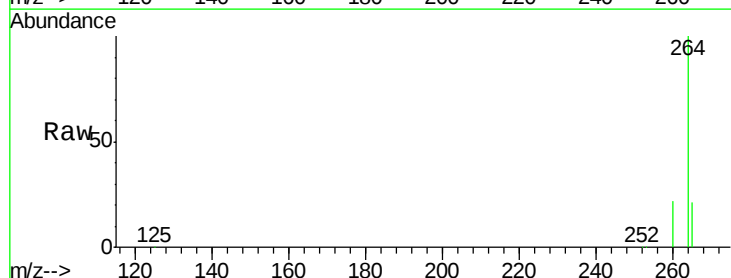
Instrument :
BNA_M
ClientSampleId :
D9TA4

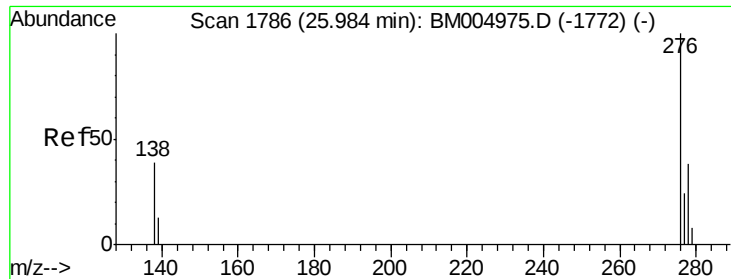
Tot Ion:252 Resp: 6
Ion Ratio Lower Upper
252 100
253 161.4 19.8 29.8#
125 124.1 10.4 15.6#



#25
Benzo(a)pyrene
Concen: 0.00 ng/ul
RT: 23.51 min Scan# 1549
Delta R.T. -0.05 min
Lab File: BM004986.D
Acq: 18 Apr 2016 23:10

Tgt Ion:252 Resp: 1161
Ion Ratio Lower Upper
252 100
253 47.7 19.4 29.2#
125 50.3 12.7 19.1#

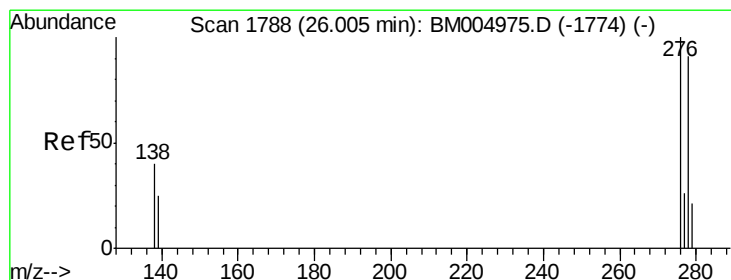
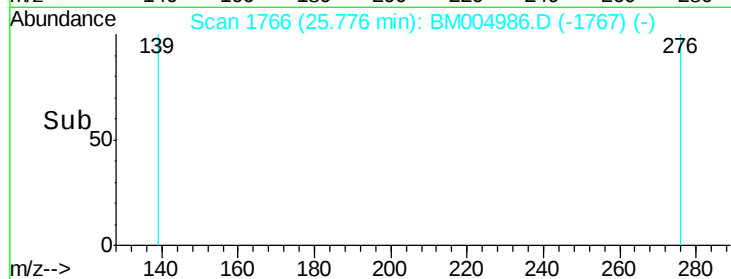
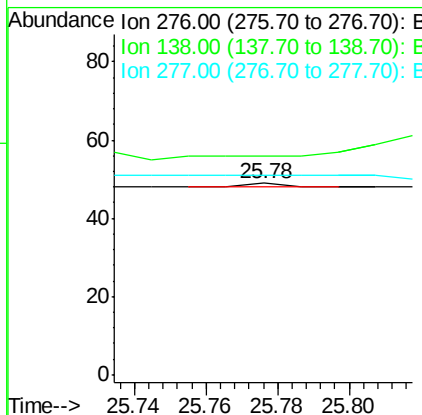
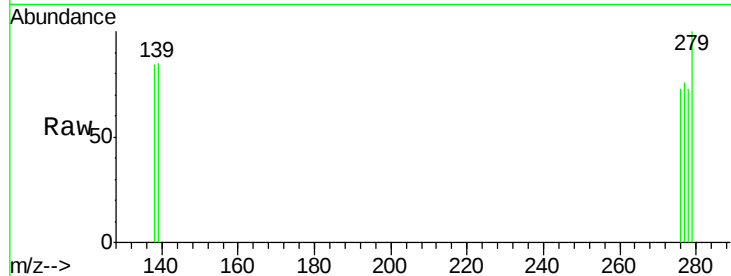




#26
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 25.78 min Scan# 1766
Delta R.T. -0.21 min
Lab File: BM004986.D
Acq: 18 Apr 2016 23:10

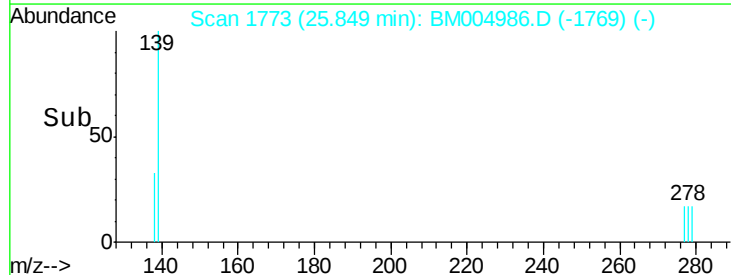
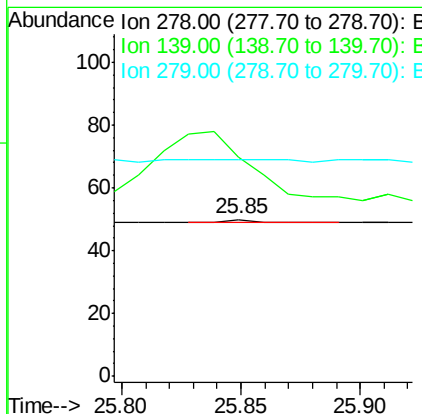
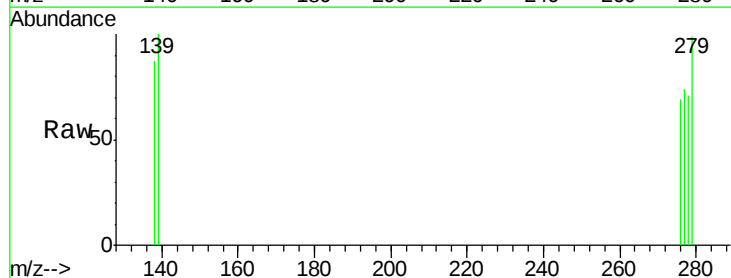
Instrument :
BNA_M
ClientSampleId :
D9TA4

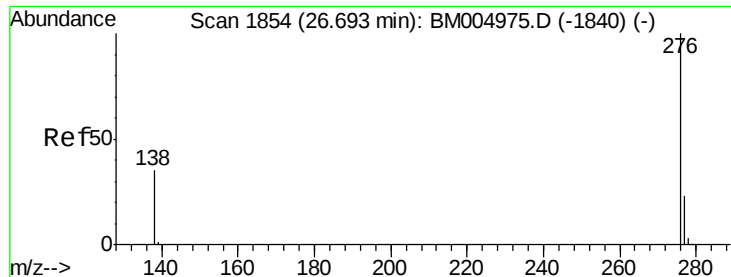
Tot Ion: 276 Resp: 1
Ion Ratio Lower Upper
276 100
138 0.0 16.3 24.5#
277 0.0 19.8 29.8#



#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.85 min Scan# 1773
Delta R.T. -0.16 min
Lab File: BM004986.D
Acq: 18 Apr 2016 23:10

Tgt Ion: 278 Resp: 1
Ion Ratio Lower Upper
278 100
139 140.0 16.4 24.6#
279 138.0 20.2 30.2#





#28

Benzo(a,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.53 min Scan# 1838

Delta R.T. -0.17 min

Lab File: BM004986.D

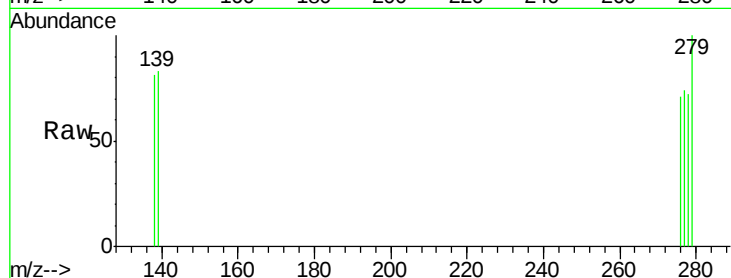
Acq: 18 Apr 2016 23:10

Instrument :

BNA_M

ClientSampleId :

D9TA4



Tot Ion: 276 Resp: 1

Ion Ratio Lower Upper

276 100

277 104.1 18.9 28.3#

138 114.3 22.5 33.7#

