

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
 Data File : BM008683.D
 Acq On : 27 Dec 2016 21:05
 Operator : UM/SJ
 Sample : H5995-03DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA864DL

Quant Time: Dec 28 03:28:55 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:24:04 2016
 Response via : Initial Calibration

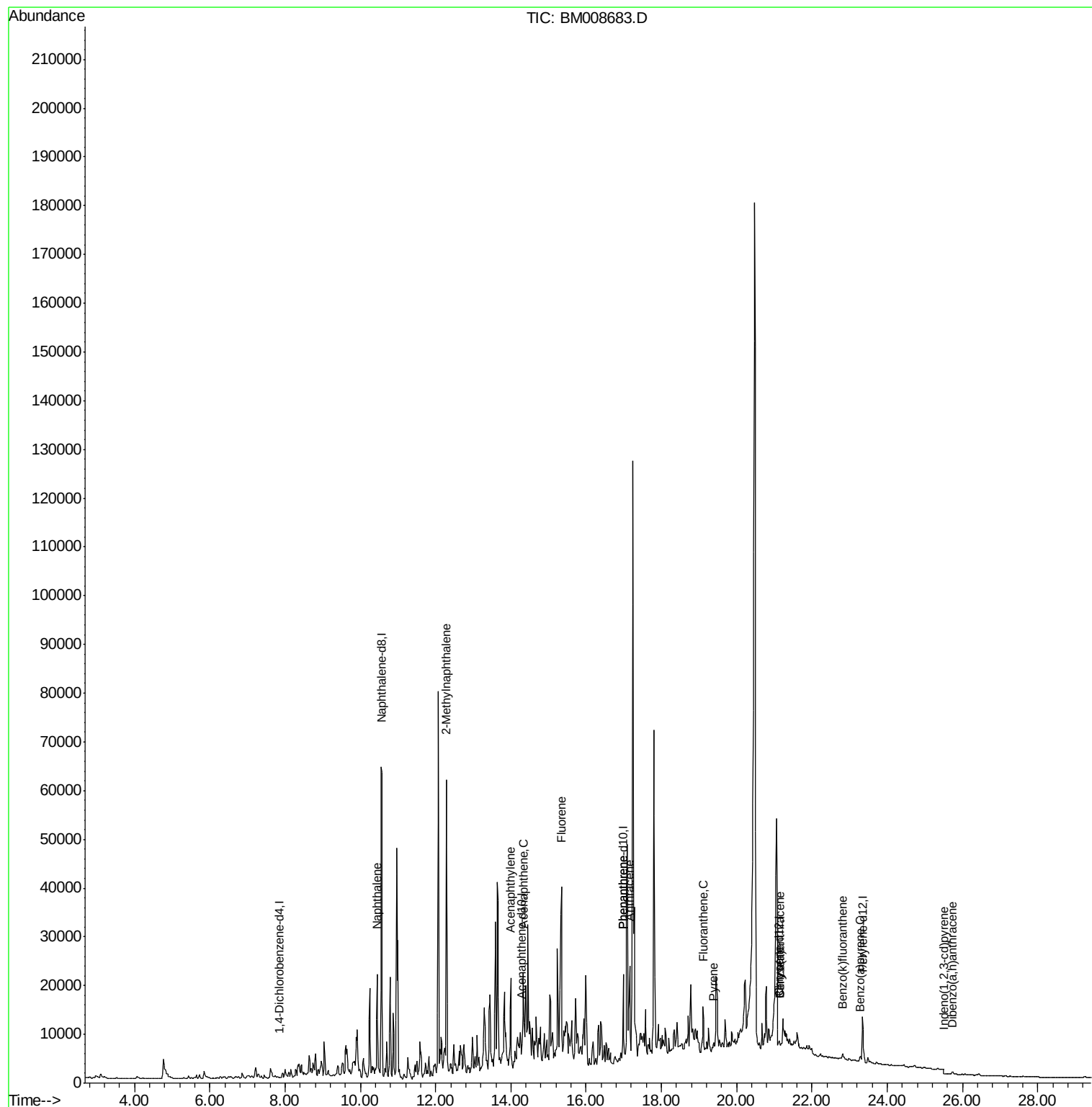
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	33	0.40	ng/ul	0.00
2) Naphthalene-d8	10.56	136	104345	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.30	164	2805	0.40	ng/ul	-0.05
10) Phenanthrene-d10	16.99	188	21667	0.40	ng/ul	-0.14
16) Chrysene-d12	21.13	240	668	0.40	ng/ul	-0.17
20) Perylene-d12	23.35	264	11696	0.40	ng/ul	-0.19
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	1308	0.01	ng/ul	0.04
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Qvalue		
3) Naphthalene	10.45	128	26896	0.09	ng/ul	94
5) 2-Methylnaphthalene	12.29	142	40587	0.21	ng/ul	100
7) Acenaphthylene	14.00	152	3769	0.30	ng/ul#	34
8) Acenaphthene	14.33	153	6922	0.73	ng/ul	93
9) Fluorene	15.34	166	29397	2.70	ng/ul	98
12) Phenanthrene	16.99	178	1364	0.02	ng/ul#	1
13) Anthracene	17.16	178	6183	0.10	ng/ul#	1
15) Fluoranthene	19.11	202	8689	0.11	ng/ul	76
17) Pyrene	19.37	202	1032	0.40	ng/ul#	1
18) Benzo(a)anthracene	21.15	228	353	0.16	ng/ul#	1
19) Chrysene	21.15	228	353	0.15	ng/ul#	1
22) Benzo(k)fluoranthene	22.82	252	2281	0.05	ng/ul#	12
23) Benzo(a)pyrene	23.28	252	1625	0.04	ng/ul#	14
24) Indeno(1,2,3-cd)pyrene	25.50	276	2623	0.05	ng/ul#	51
25) Dibenzo(a,h)anthracene	25.72	278	3687	0.09	ng/ul#	1

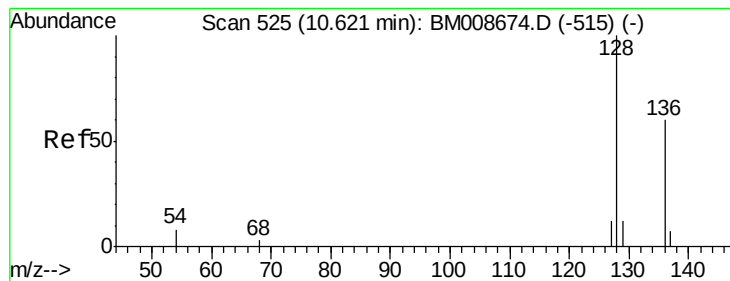
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.09 ng/ul

RT: 10.45 min Scan# 511

Delta R.T. -0.17 min

Lab File: BM008683.D

Acq: 27 Dec 2016 21:05

Instrument :

BNA_M

ClientSampleId :

DA864DL

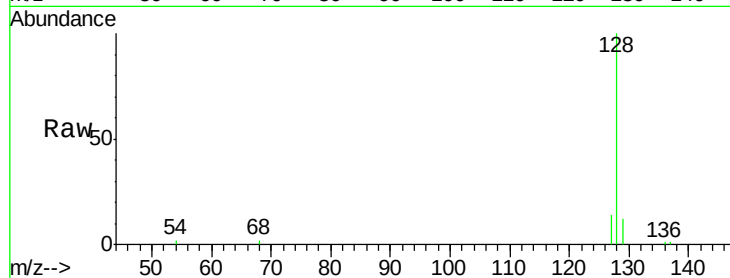
Tgt Ion:128 Resp: 26896

Ion Ratio Lower Upper

128 100

129 11.7 11.3 16.9

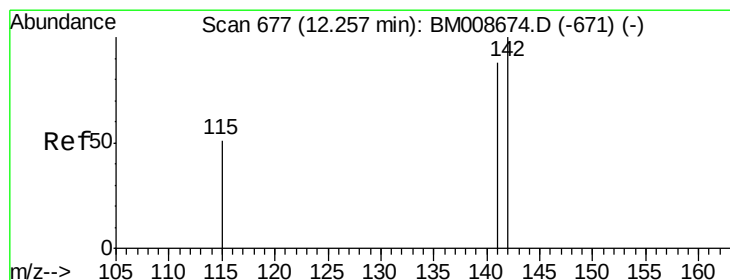
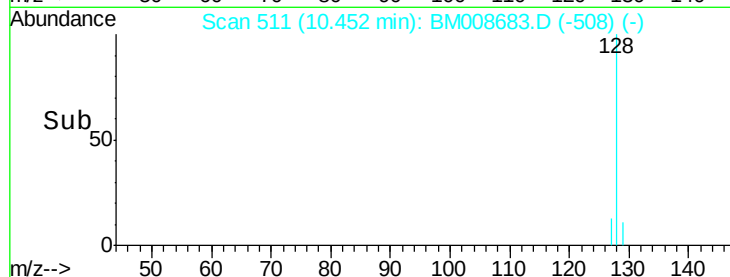
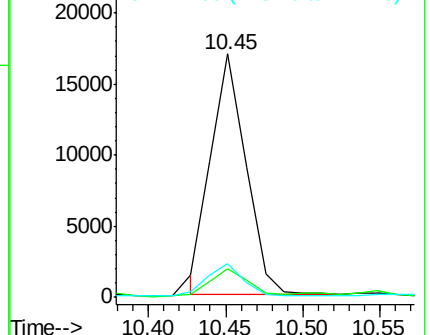
127 13.6 12.8 19.2



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



#5

2-Methylnaphthalene

Concen: 0.21 ng/ul

RT: 12.29 min Scan# 680

Delta R.T. 0.03 min

Lab File: BM008683.D

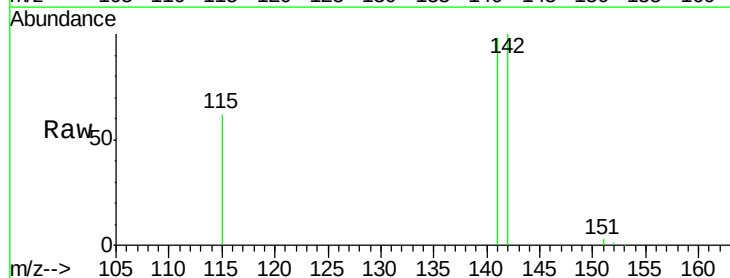
Acq: 27 Dec 2016 21:05

Tgt Ion:142 Resp: 40587

Ion Ratio Lower Upper

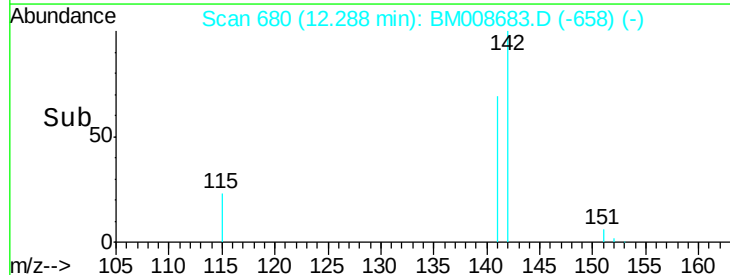
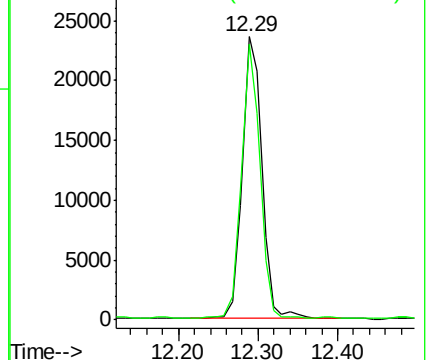
142 100

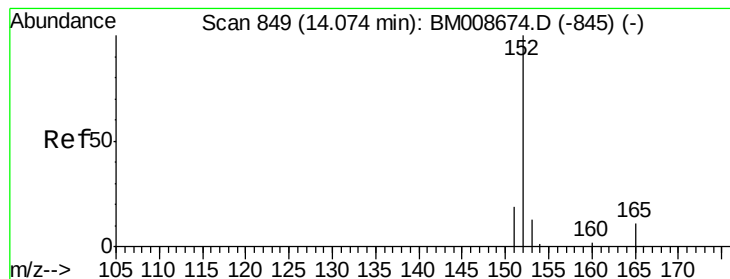
141 90.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.30 ng/ul

RT: 14.00 min Scan# 844

Delta R.T. -0.08 min

Lab File: BM008683.D

Acq: 27 Dec 2016 21:05

Instrument :

BNA_M

ClientSampleId :

DA864DL

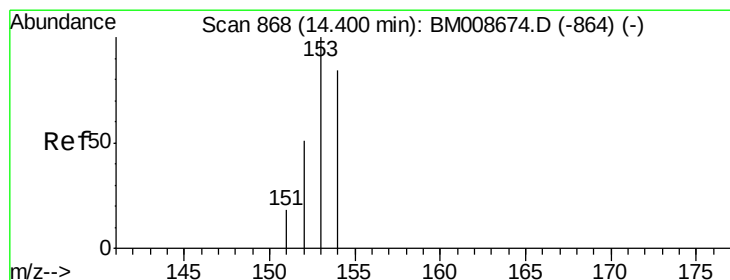
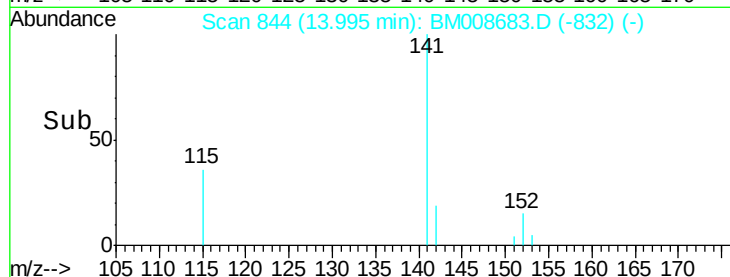
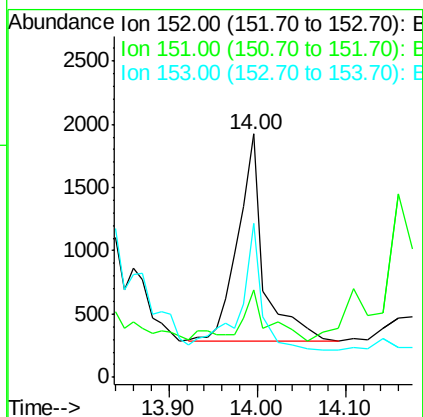
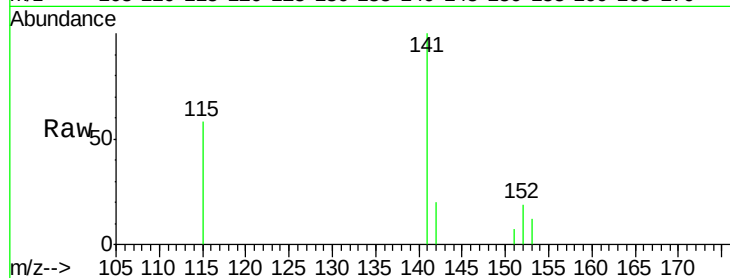
Tgt Ion:152 Resp: 3769

Ion Ratio Lower Upper

152 100

151 36.1 17.1 25.7#

153 63.4 12.8 19.2#



#8

Acenaphthene

Concen: 0.73 ng/ul

RT: 14.33 min Scan# 864

Delta R.T. -0.07 min

Lab File: BM008683.D

Acq: 27 Dec 2016 21:05

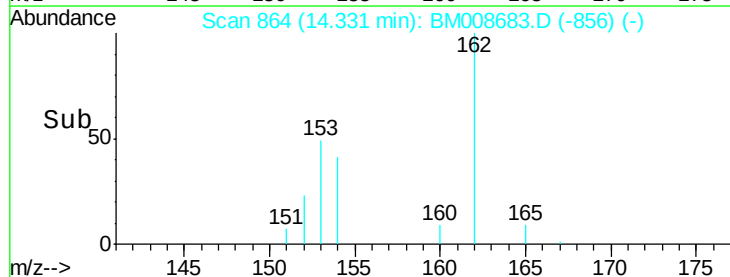
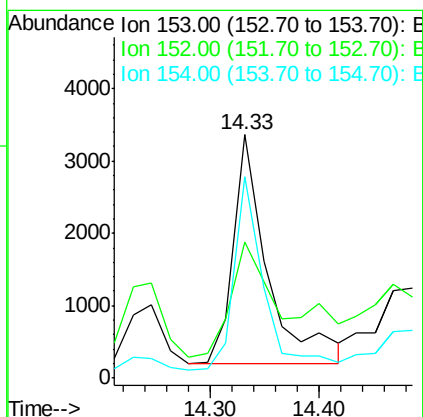
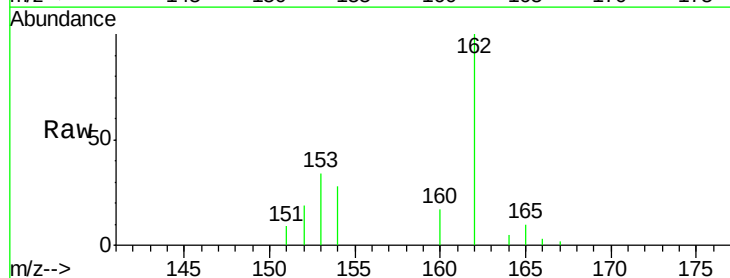
Tgt Ion:153 Resp: 6922

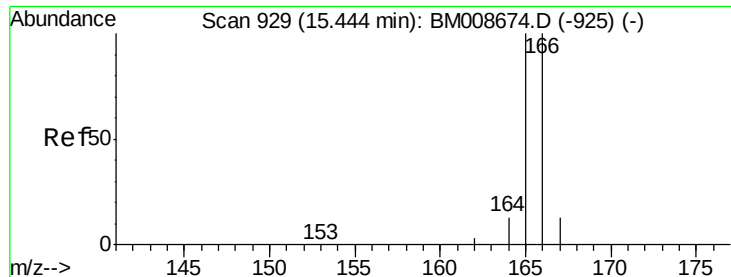
Ion Ratio Lower Upper

153 100

152 55.9 40.3 60.5

154 82.6 71.4 107.2

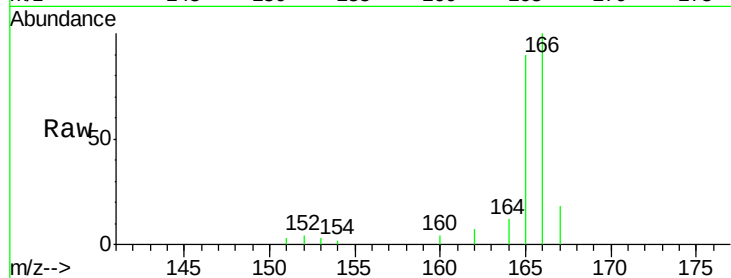




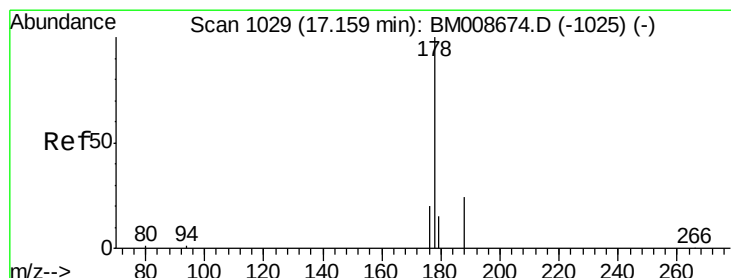
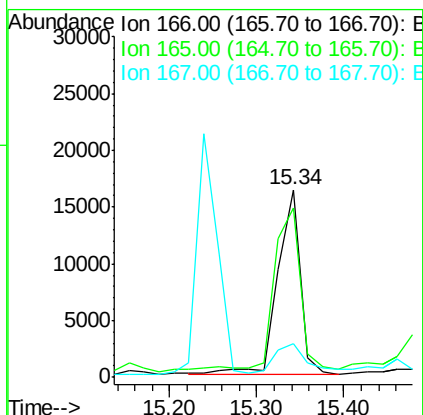
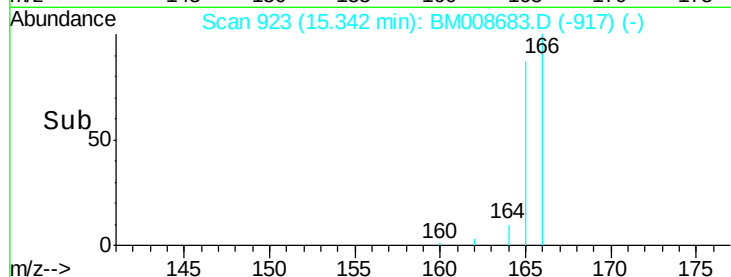
#9
Fluorene
Concen: 2.70 ng/ul
RT: 15.34 min Scan# 923
Delta R.T. -0.10 min
Lab File: BM008683.D
Acq: 27 Dec 2016 21:05

Instrument :
BNA_M
ClientSampleId :
DA864DL

Tgt Ion:166 Resp: 29397
Ion Ratio Lower Upper
166 100
165 90.0 73.4 110.2
167 17.7 14.6 22.0

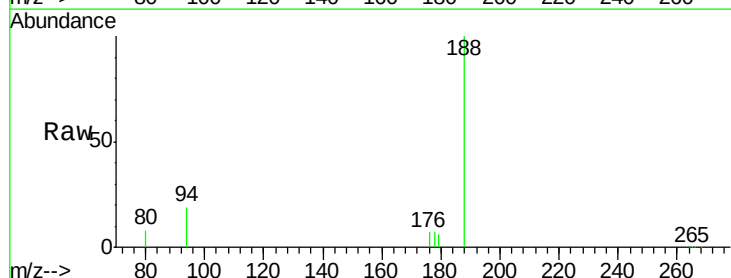


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

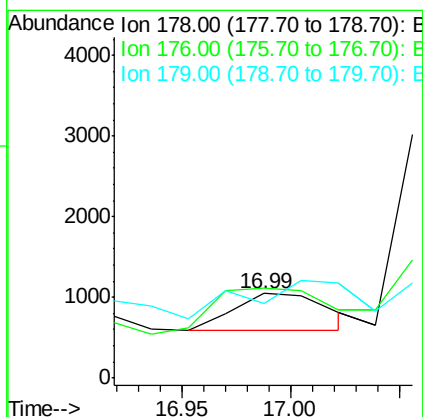
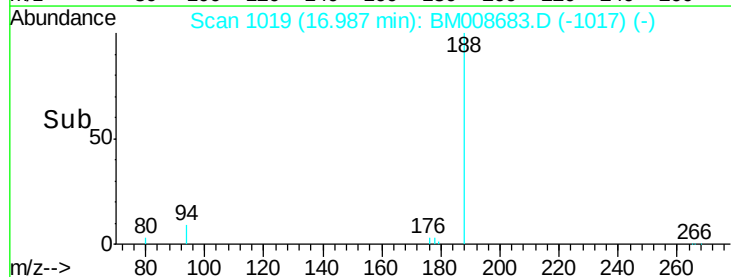


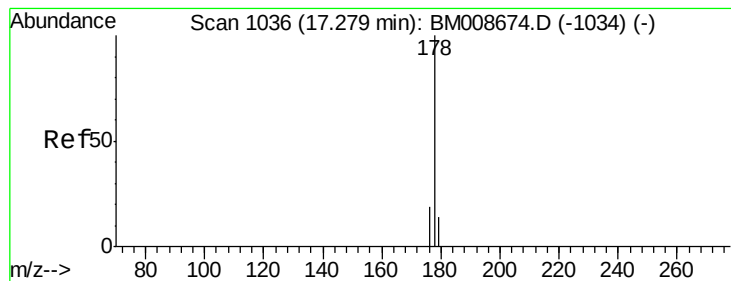
#12
Phenanthrene
Concen: 0.02 ng/ul
RT: 16.99 min Scan# 1019
Delta R.T. -0.17 min
Lab File: BM008683.D
Acq: 27 Dec 2016 21:05

Tgt Ion:178 Resp: 1364
Ion Ratio Lower Upper
178 100
176 106.1 18.4 27.6#
179 87.9 13.6 20.4#



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





#13

Anthracene

Concen: 0.10 ng/ul

RT: 17.16 min Scan# 1029

Delta R.T. -0.12 min

Lab File: BM008683.D

Acq: 27 Dec 2016 21:05

Instrument :

BNA_M

ClientSampleId :

DA864DL

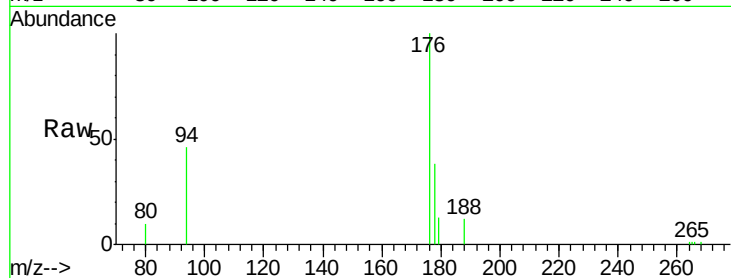
Tgt Ion:178 Resp: 6183

Ion Ratio Lower Upper

178 100

176 261.1 18.1 27.1#

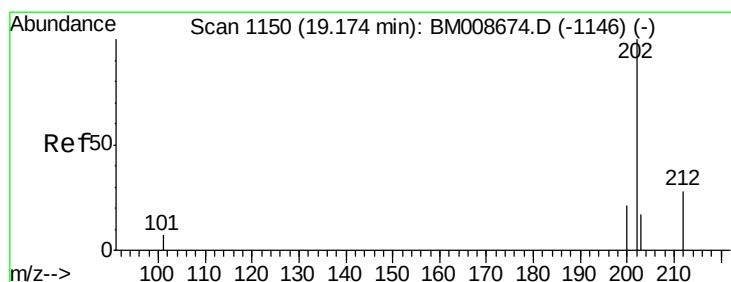
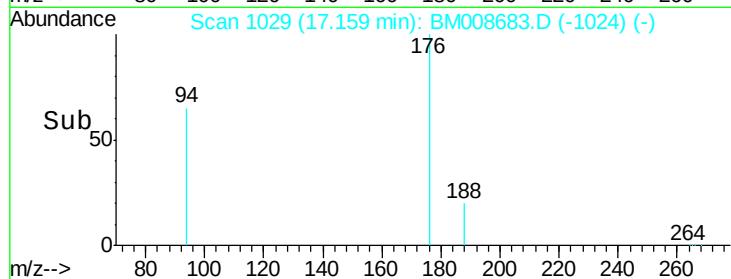
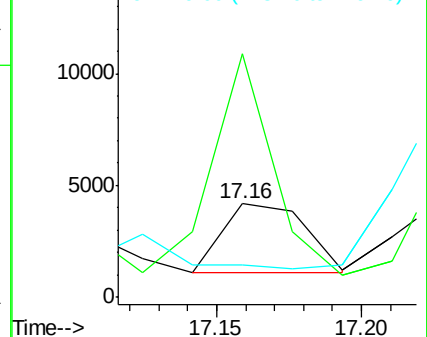
179 34.6 14.7 22.1#



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

Fluoranthene

Concen: 0.11 ng/ul

RT: 19.11 min Scan# 1145

Delta R.T. -0.07 min

Lab File: BM008683.D

Acq: 27 Dec 2016 21:05

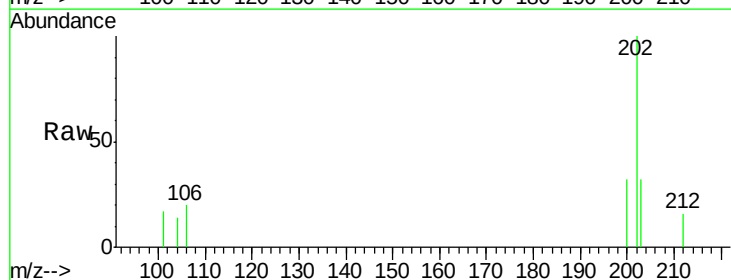
Tgt Ion:202 Resp: 8689

Ion Ratio Lower Upper

202 100

101 17.1 0.0 30.3

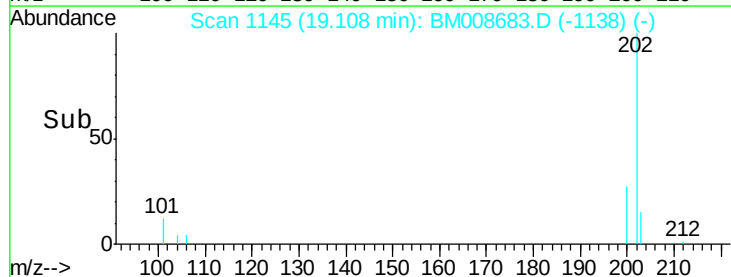
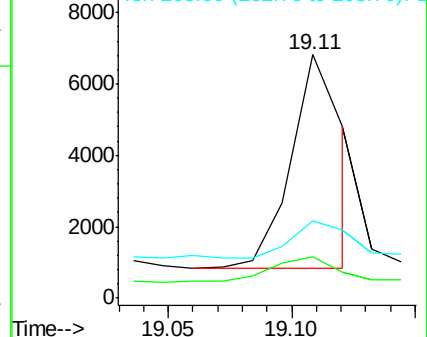
203 31.7 0.0 39.5

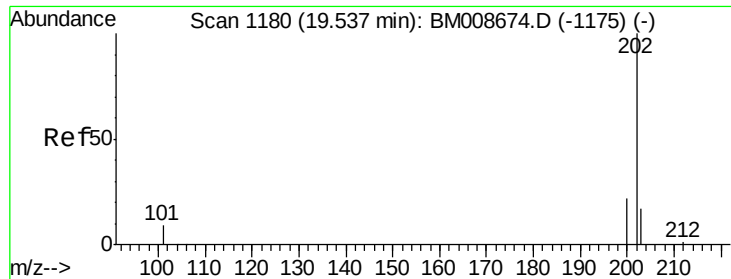


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

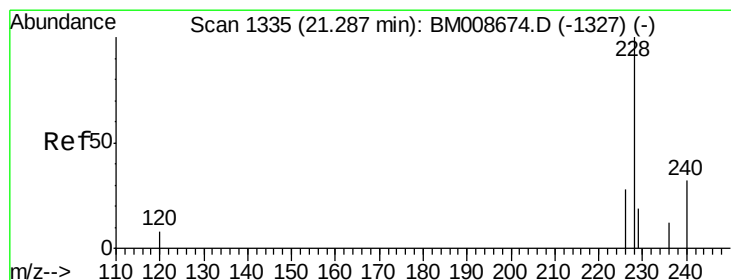
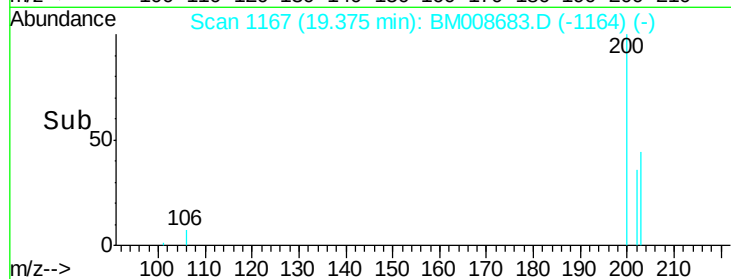
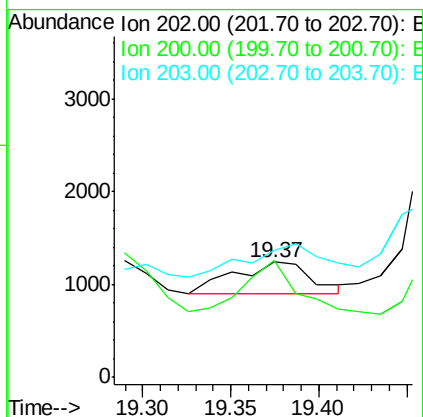
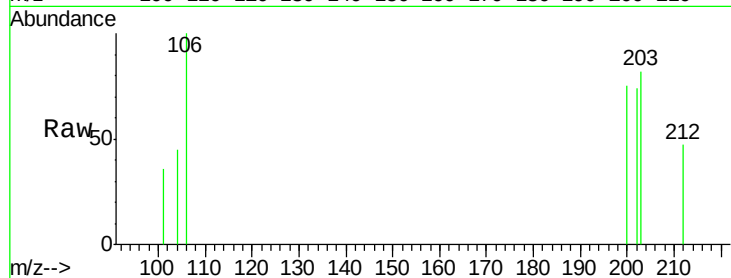




#17
 Pyrene
 Concen: 0.40 ng/ul
 RT: 19.37 min Scan# 1167
 Delta R.T. -0.16 min
 Lab File: BM008683.D
 Acq: 27 Dec 2016 21:05

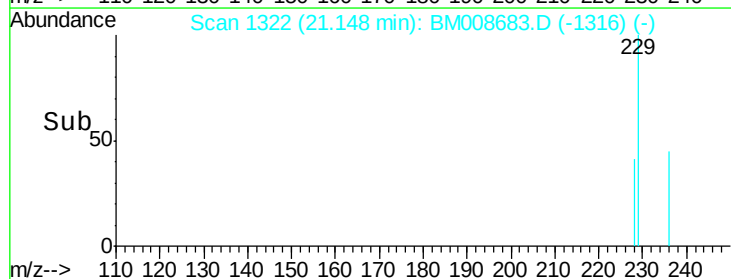
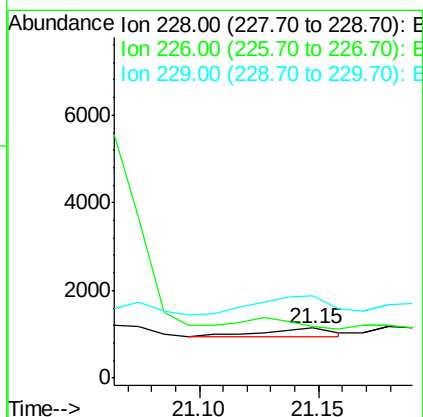
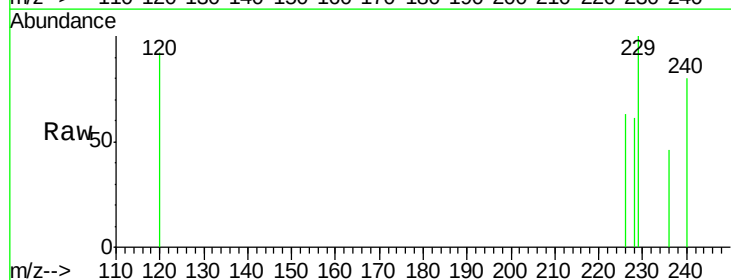
Instrument :
 BNA_M
 ClientSampleId :
 DA864DL

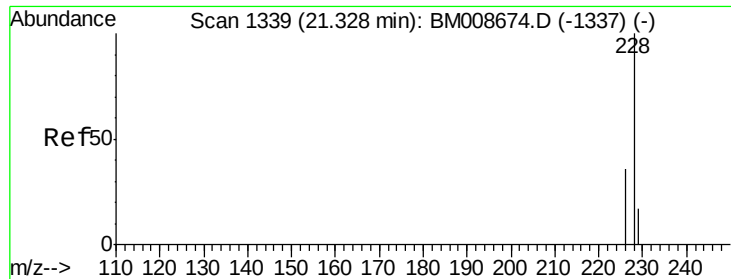
Tgt Ion: 202 Resp: 1032
 Ion Ratio Lower Upper
 202 100
 200 101.5 18.2 27.4#
 203 110.6 15.6 23.4#



#18
 Benzo(a)anthracene
 Concen: 0.16 ng/ul
 RT: 21.15 min Scan# 1322
 Delta R.T. -0.14 min
 Lab File: BM008683.D
 Acq: 27 Dec 2016 21:05

Tgt Ion: 228 Resp: 353
 Ion Ratio Lower Upper
 228 100
 226 103.9 22.8 34.2#
 229 164.7 17.0 25.6#





#19

Chrysene

Concen: 0.15 ng/ul

RT: 21.15 min Scan# 1322

Delta R.T. -0.18 min

Lab File: BM008683.D

Acq: 27 Dec 2016 21:05

Instrument :

BNA_M

ClientSampleId :

DA864DL

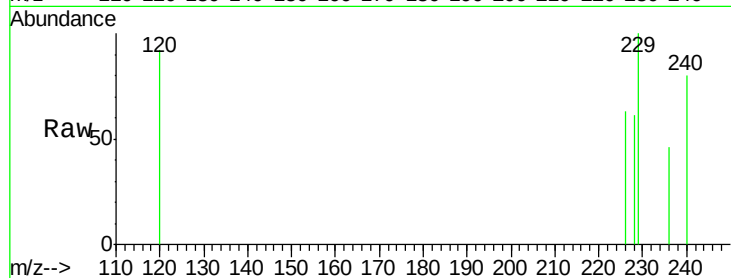
Tgt Ion:228 Resp: 353

Ion Ratio Lower Upper

228 100

226 103.9 23.4 35.0#

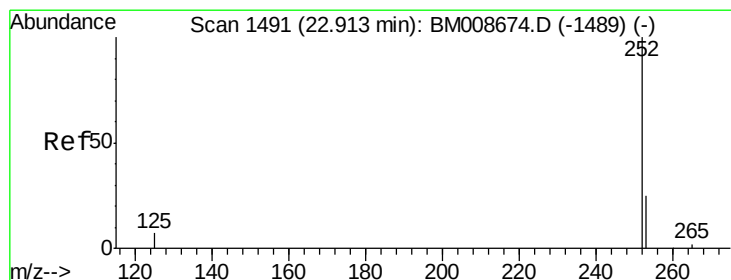
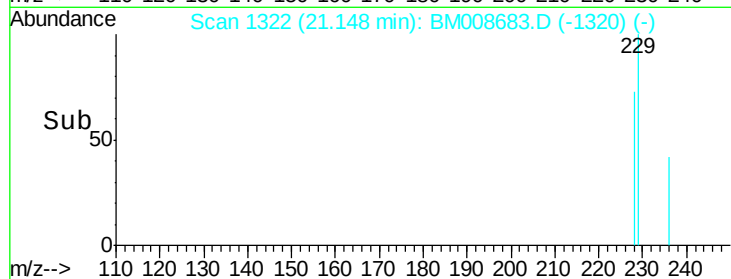
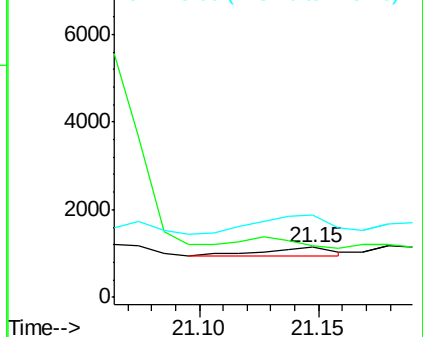
229 164.7 17.7 26.5#



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



#22

Benzo(k)fluoranthene

Concen: 0.05 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.10 min

Lab File: BM008683.D

Acq: 27 Dec 2016 21:05

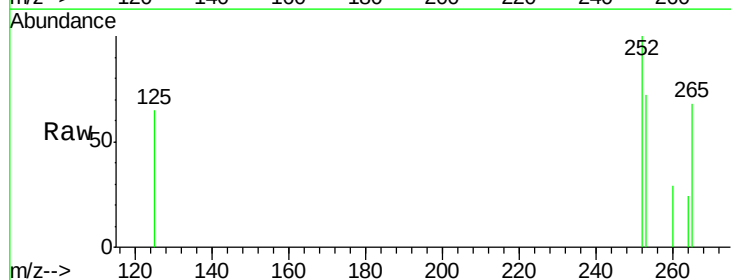
Tgt Ion:252 Resp: 2281

Ion Ratio Lower Upper

252 100

253 72.2 24.5 36.7#

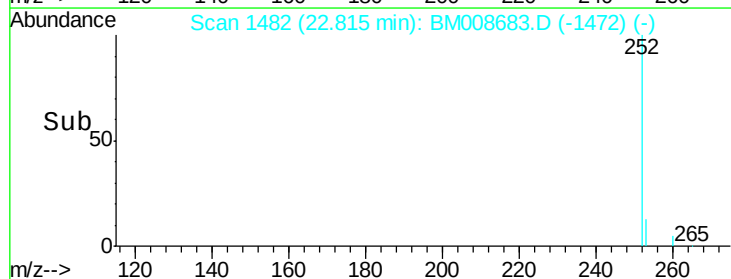
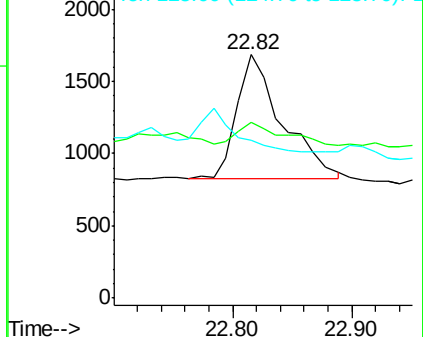
125 64.6 13.7 20.5#

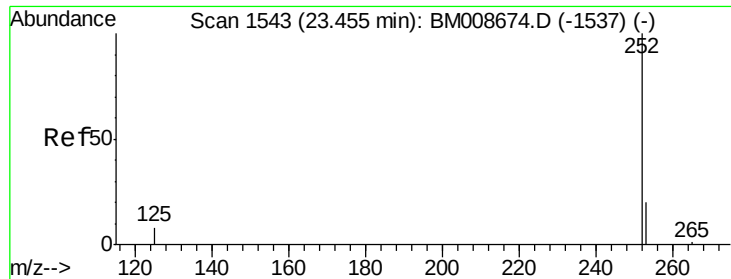


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.04 ng/ul

RT: 23.28 min Scan# 1527

Delta R.T. -0.17 min

Lab File: BM008683.D

Acq: 27 Dec 2016 21:05

Instrument :

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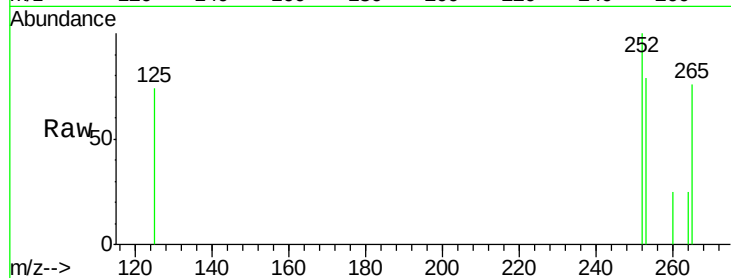
Tgt Ion: 252 Resp: 1625

Ion Ratio Lower Upper

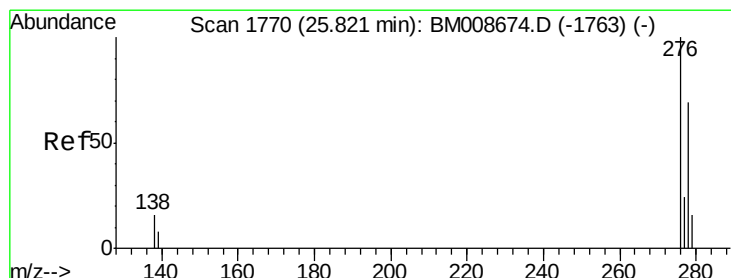
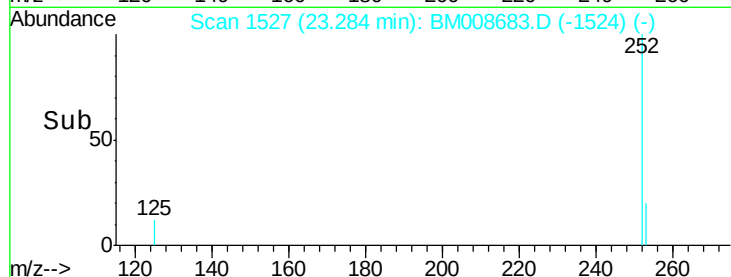
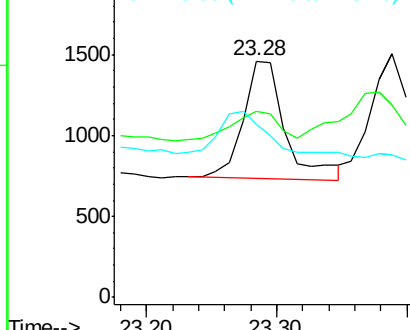
252 100

253 78.8 28.5 42.7#

125 73.6 18.1 27.1#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.05 ng/ul

RT: 25.50 min Scan# 1740

Delta R.T. -0.32 min

Lab File: BM008683.D

Acq: 27 Dec 2016 21:05

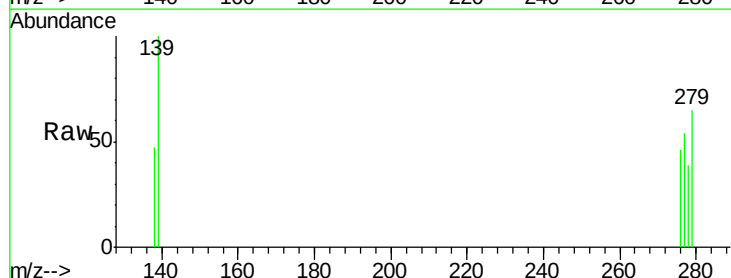
Tgt Ion: 276 Resp: 2623

Ion Ratio Lower Upper

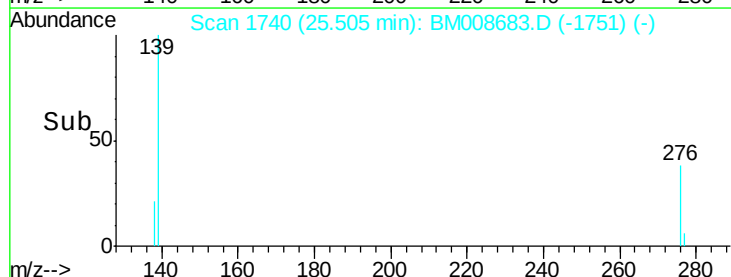
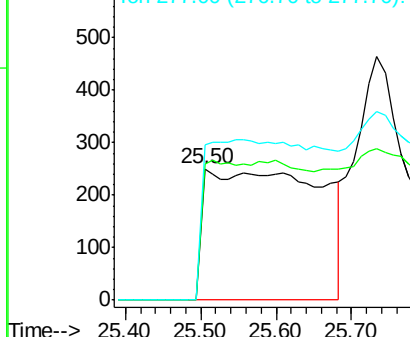
276 100

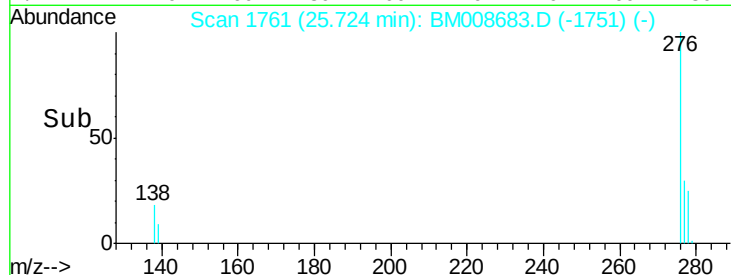
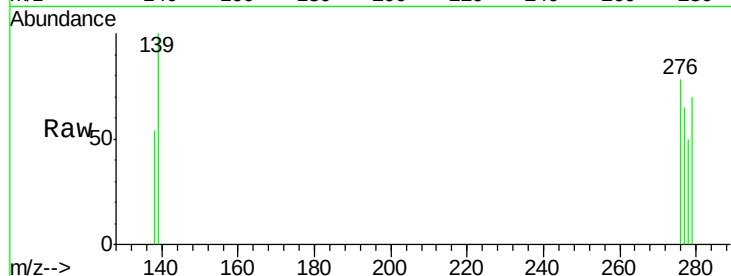
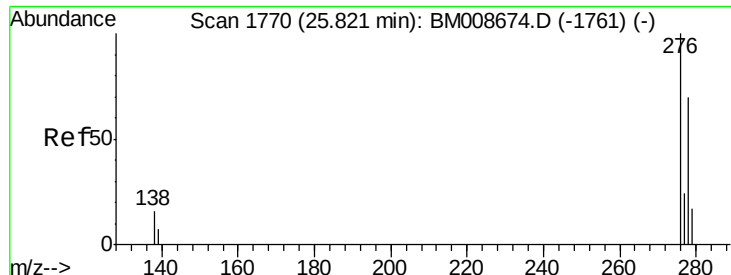
138 0.0 19.1 28.7#

277 0.0 19.6 29.4#



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





#25
 Dibenzo(a,h)anthracene
 Concen: 0.09 ng/ul
 RT: 25.72 min Scan# 1761
 Delta R.T. -0.10 min
 Lab File: BM008683.D
 Acq: 27 Dec 2016 21:05

Instrument :
 BNA_M
 ClientSampleId :
 DA864DL

Tgt Ion: 278 Resp: 3687
 Ion Ratio Lower Upper
 278 100
 139 200.0 17.4 26.0#
 279 140.4 25.9 38.9#

