

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022715\
 Data File : BM000623.D
 Acq On : 28 Feb 2015 01:02
 Operator : TP/IZ
 Sample : MDL-07-W
 Misc : MDL-WATER-0.4PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 28 01:51:11 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM022715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 27 23:02:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3063	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	10292	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.32	164	6053	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.05	188	10888	0.40	ng/ul	-0.01
18) Chrysene-d12	21.25	240	7911	0.40	ng/ul	0.00
22) Perylene-d12	23.46	264	6817	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.10	96	45	0.02	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	12.06	152	3721	0.30	ng/ul	0.01
16) Fluoranthene-d10	19.09	212	6372	0.32	ng/ul	0.00

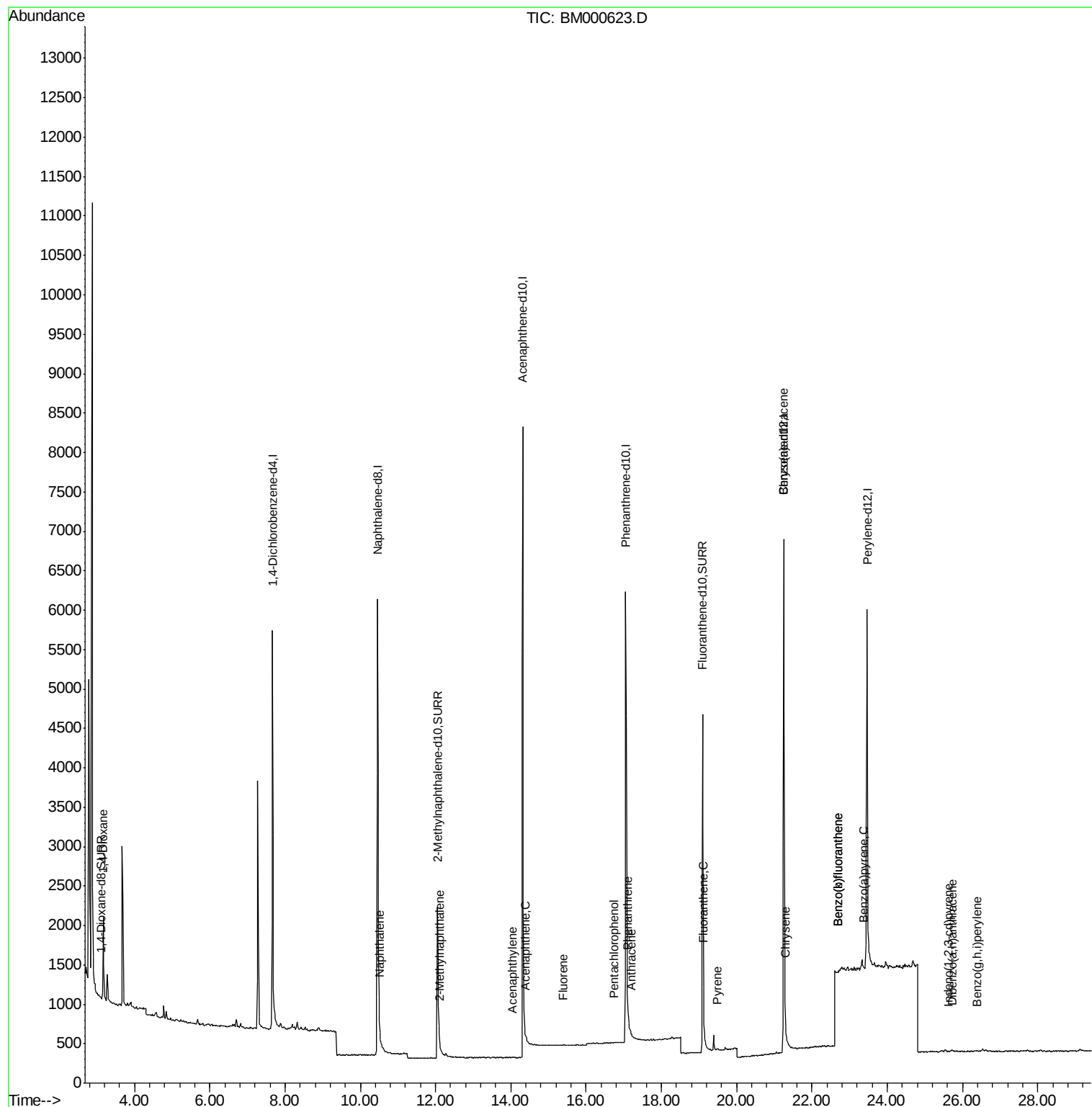
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) 1,4-Dioxane	3.17	88	1296	0.41	ng/ul#	60
5) Naphthalene	10.50	128	25	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.12	142	4	0.00	ng/ul	88
9) Acenaphthylene	14.04	152	9	0.00	ng/ul#	1
10) Acenaphthene	14.38	153	4	0.00	ng/ul#	71
11) Fluorene	15.40	166	23	0.00	ng/ul#	52
13) Pentachlorophenol	16.75	266	3	0.00	ng/ul#	19
14) Phenanthrene	17.10	178	58	0.00	ng/ul#	1
15) Anthracene	17.21	178	5	0.00	ng/ul#	1
17) Fluoranthene	19.12	202	28	0.00	ng/ul#	1
19) Pyrene	19.49	202	23	0.00	ng/ul#	1
20) Benzo(a)anthracene	21.25	228	53	0.00	ng/ul#	1
21) Chrysene	21.28	228	36	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	22.68	252	1023	0.04	ng/ul#	1
24) Benzo(k)fluoranthene	22.68	252	1023	0.04	ng/ul#	1
25) Benzo(a)pyrene	23.37	252	39	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	25.64	276	1	0.00	ng/ul#	1
27) Dibenzo(a,h)anthracene	25.73	278	31	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.38	276	41	0.00	ng/ul#	1

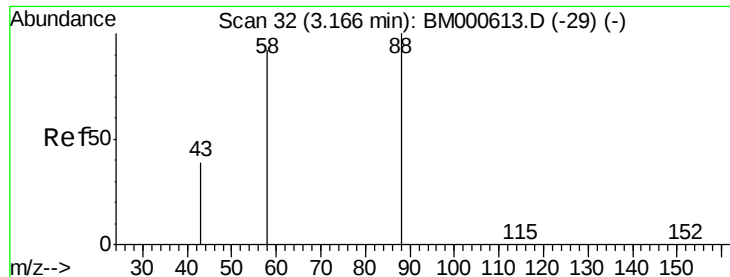
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

1,4-Dioxane

Concen: 0.41 ng/ul

RT: 3.17 min Scan# 32

Delta R.T. 0.00 min

Lab File: BM000623.D

Acq: 28 Feb 2015 01:02

Instrument :

BNA_M

ClientSampled :

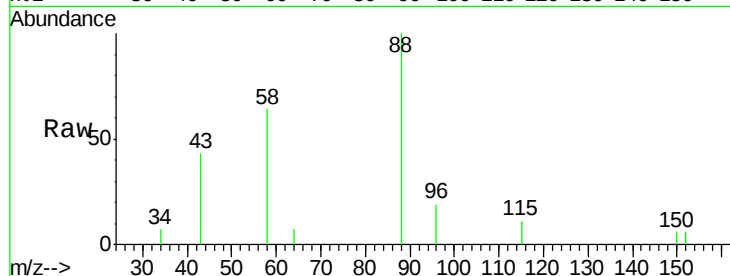
Tgt Ion: 88 Resp: 1296

Ion Ratio Lower Upper

88 100

58 52.5 62.7 94.1#

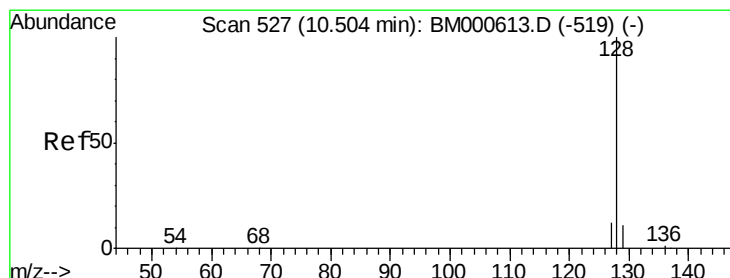
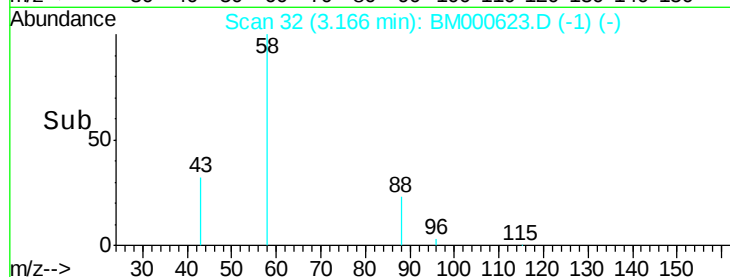
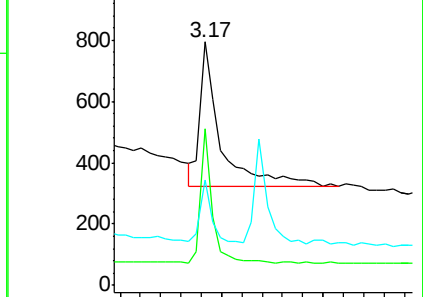
43 0.0 28.8 43.2#



Abundance Ion 88.00 (87.70 to 88.70): BM000623.D (-29) (-)

Ion 58.00 (57.70 to 58.70): BM000623.D (-29) (-)

Ion 43.00 (42.70 to 43.70): BM000623.D (-29) (-)



#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.50 min Scan# 527

Delta R.T. 0.00 min

Lab File: BM000623.D

Acq: 28 Feb 2015 01:02

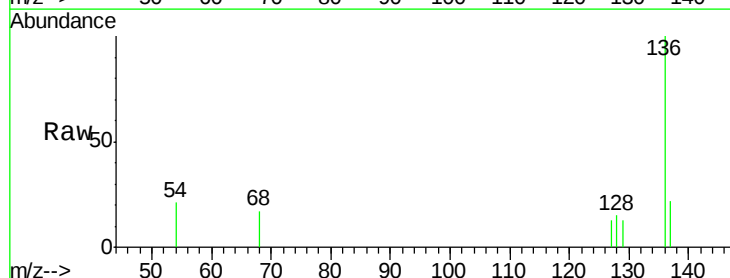
Tgt Ion: 128 Resp: 25

Ion Ratio Lower Upper

128 100

129 89.5 9.4 14.0#

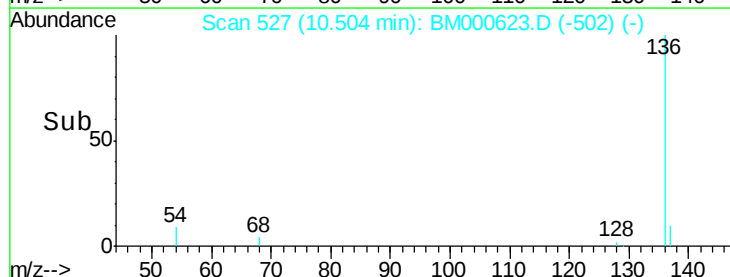
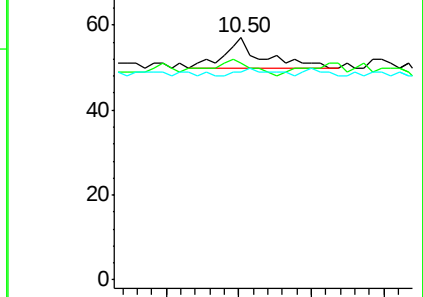
127 86.0 10.0 15.0#

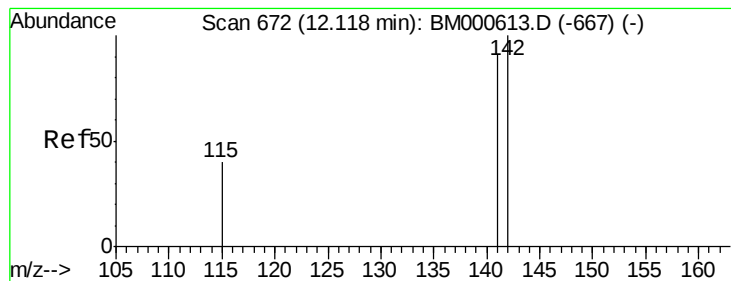


Abundance Ion 128.00 (127.70 to 128.70): BM000623.D (-519) (-)

Ion 129.00 (128.70 to 129.70): BM000623.D (-519) (-)

Ion 127.00 (126.70 to 127.70): BM000623.D (-519) (-)





#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.12 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM000623.D

Acq: 28 Feb 2015 01:02

Instrument :

BNA_M

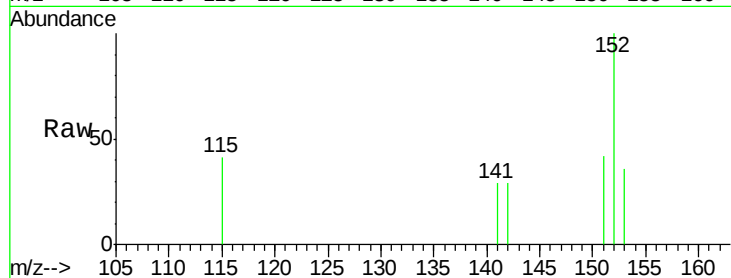
ClientSampleId :

Tgt Ion:142 Resp: 4

Ion Ratio Lower Upper

142 100

141 100.0 71.2 106.8

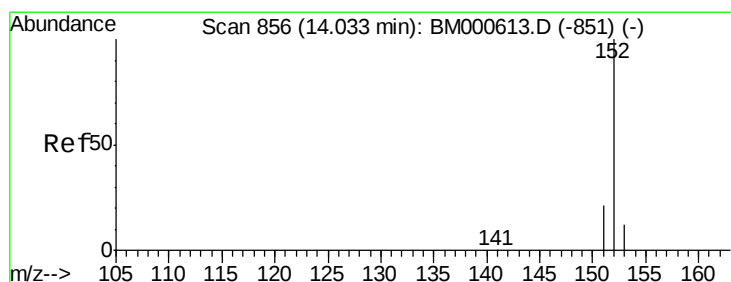
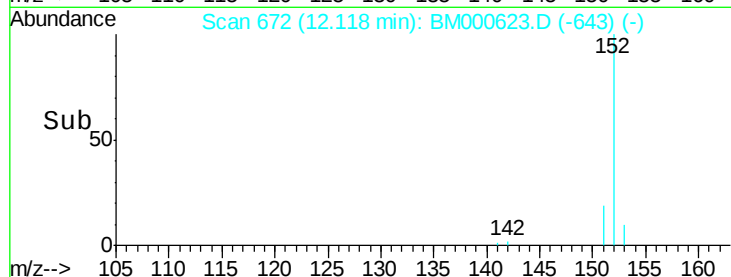


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.12

Time--> 12.10 12.15



#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.04 min Scan# 857

Delta R.T. 0.01 min

Lab File: BM000623.D

Acq: 28 Feb 2015 01:02

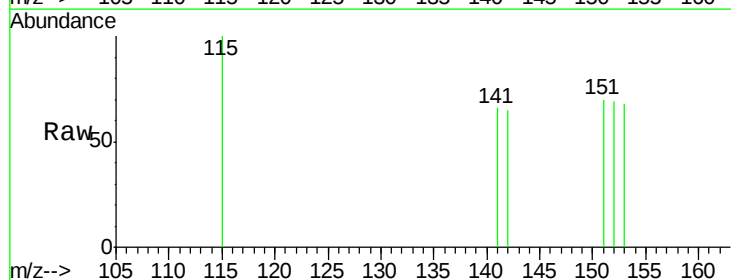
Tgt Ion:152 Resp: 9

Ion Ratio Lower Upper

152 100

151 102.0 17.0 25.6#

153 98.0 9.9 14.9#



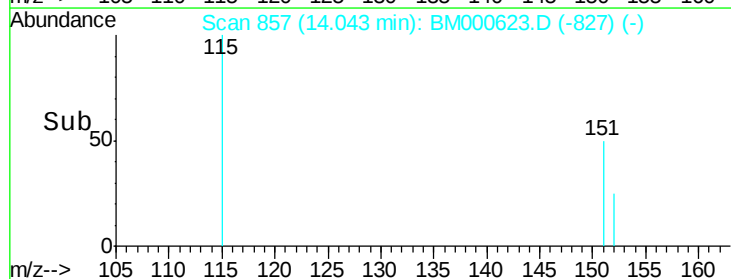
Abundance Ion 152.00 (151.70 to 152.70): E

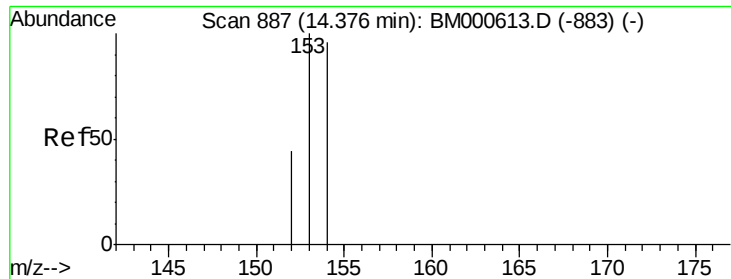
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.04

Time--> 14.00 14.05 14.10





#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.38 min Scan# 887

Delta R.T. 0.01 min

Lab File: BM000623.D

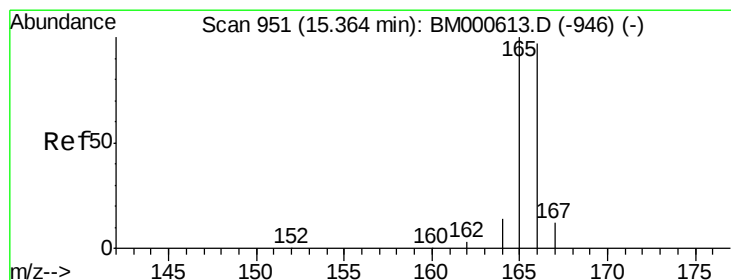
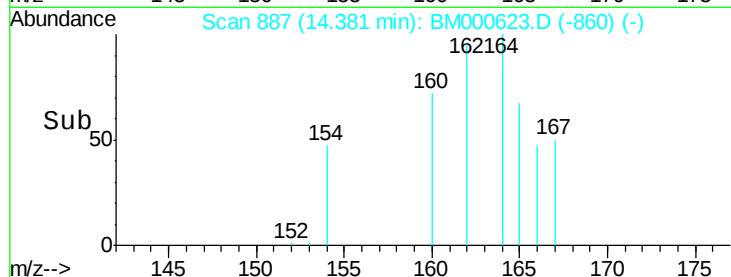
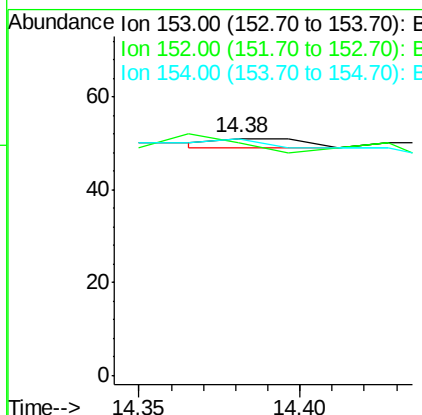
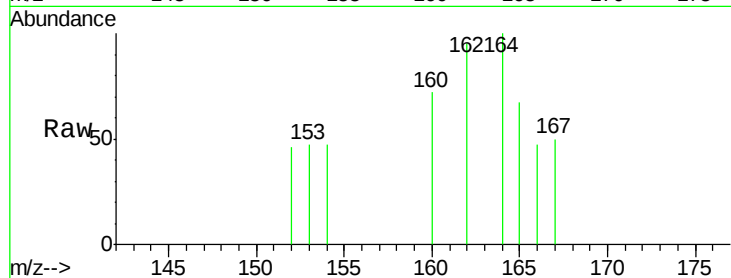
Acq: 28 Feb 2015 01:02

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	153	Resp:	4
Ion	Ratio	Lower	Upper
153	100		
152	98.0	35.9	53.9#
154	100.0	76.9	115.3



#11

Fluorene

Concen: 0.00 ng/ul

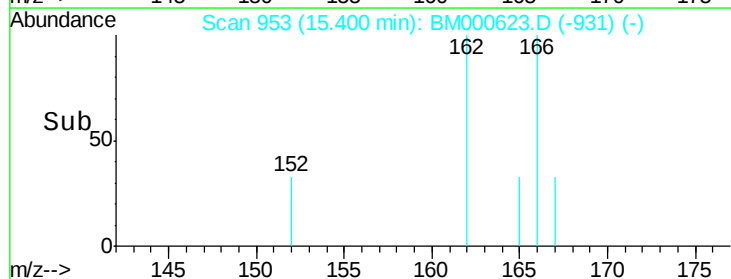
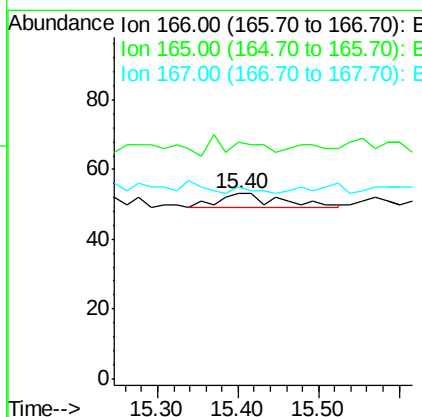
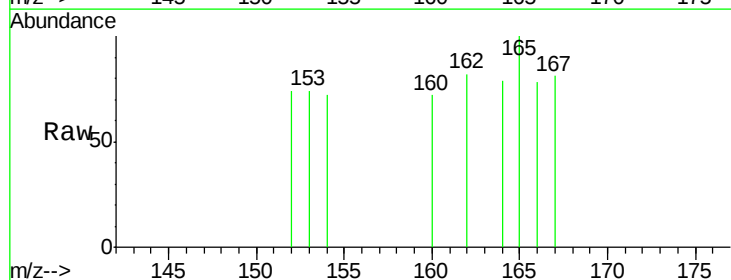
RT: 15.40 min Scan# 953

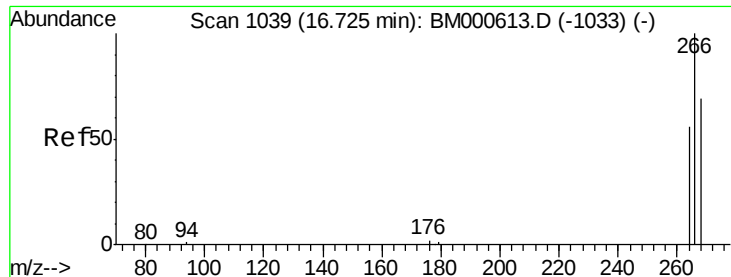
Delta R.T. 0.04 min

Lab File: BM000623.D

Acq: 28 Feb 2015 01:02

Tgt Ion:	166	Resp:	23
Ion	Ratio	Lower	Upper
166	100		
165	128.3	82.5	123.7#
167	103.8	10.6	16.0#

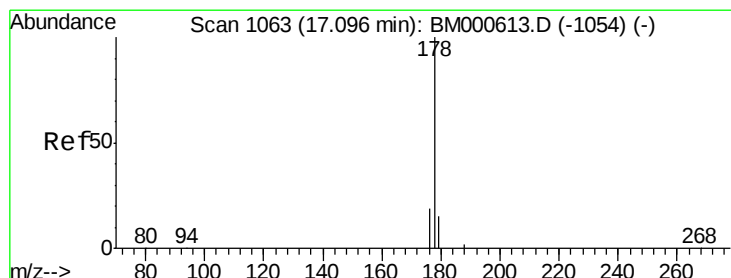
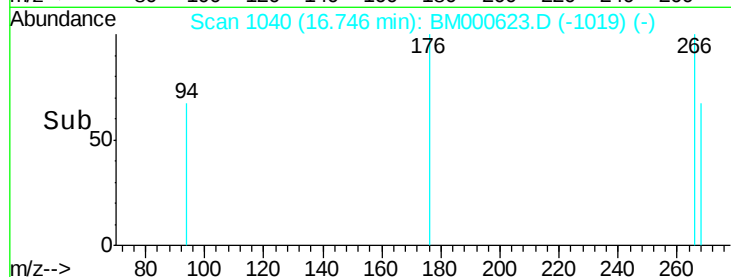
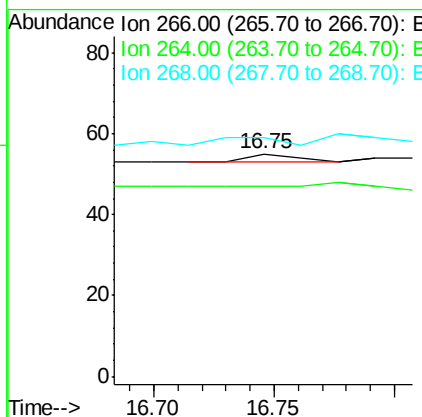
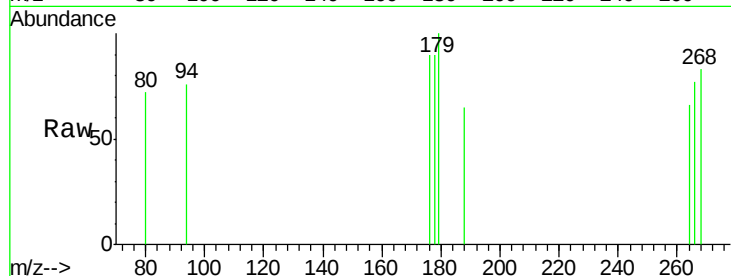




#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.75 min Scan# 1040
 Delta R.T. 0.02 min
 Lab File: BM000623.D
 Acq: 28 Feb 2015 01:02

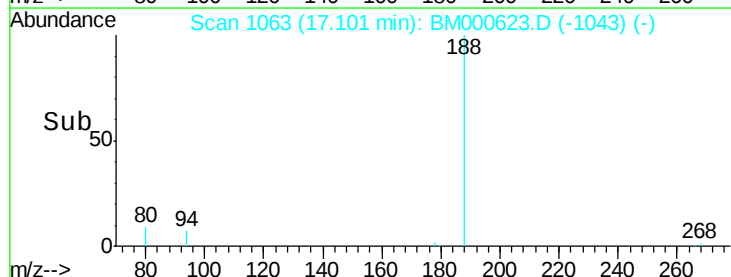
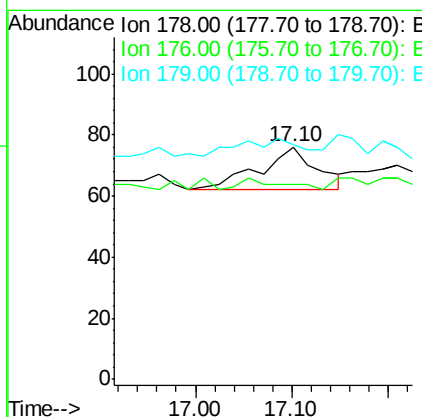
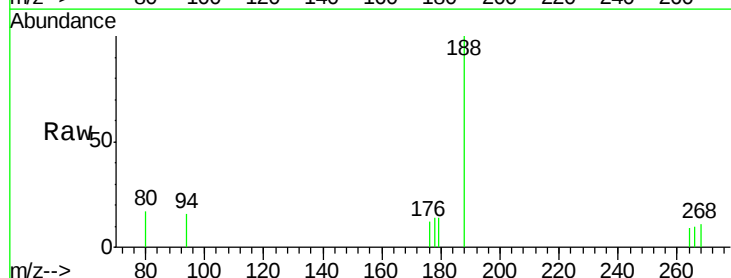
Instrument :
 BNA_M
 ClientSampleId :

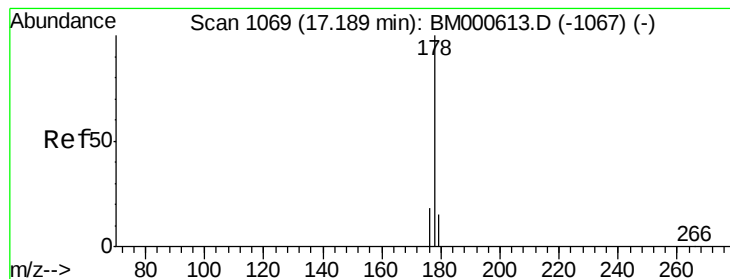
Tgt Ion: 266 Resp: 3
 Ion Ratio Lower Upper
 266 100
 264 0.0 51.0 76.6#
 268 133.3 54.9 82.3#



#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 17.10 min Scan# 1063
 Delta R.T. 0.01 min
 Lab File: BM000623.D
 Acq: 28 Feb 2015 01:02

Tgt Ion: 178 Resp: 58
 Ion Ratio Lower Upper
 178 100
 176 84.2 15.3 22.9#
 179 101.3 12.2 18.2#





#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.21 min Scan# 1070

Delta R.T. 0.02 min

Lab File: BM000623.D

Acq: 28 Feb 2015 01:02

Instrument :

BNA_M

ClientSampleId :

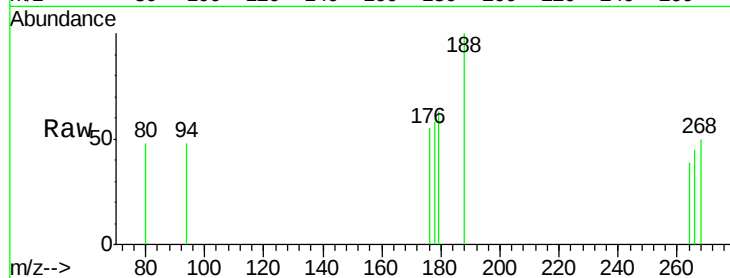
Tgt Ion:178 Resp: 5

Ion Ratio Lower Upper

178 100

176 94.3 14.6 22.0#

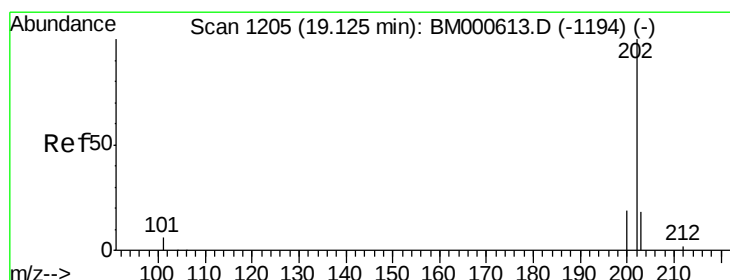
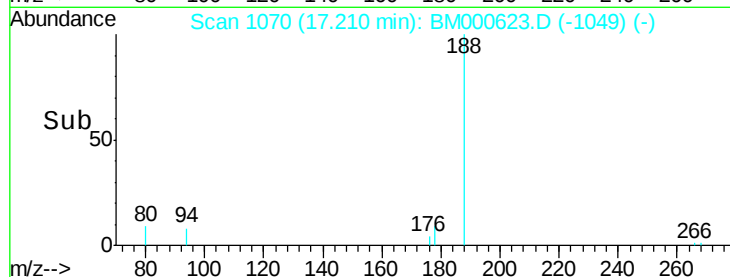
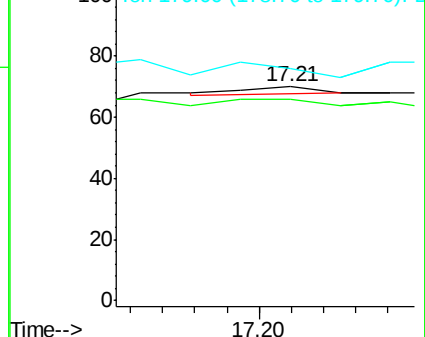
179 108.6 12.9 19.3#



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/ul

RT: 19.12 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BM000623.D

Acq: 28 Feb 2015 01:02

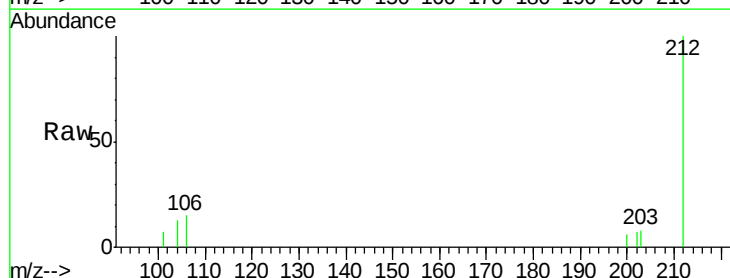
Tgt Ion:202 Resp: 28

Ion Ratio Lower Upper

202 100

101 96.4 0.0 26.2#

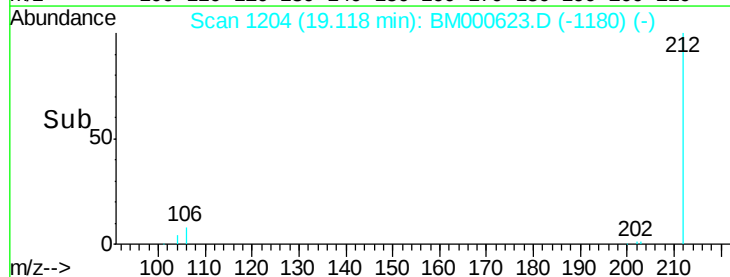
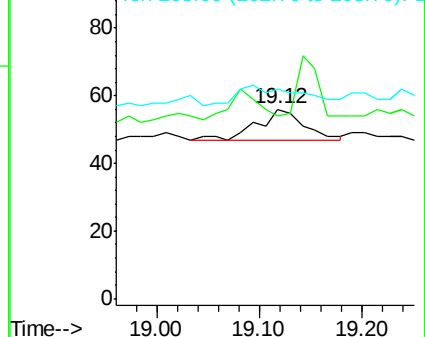
203 110.7 0.0 38.3#

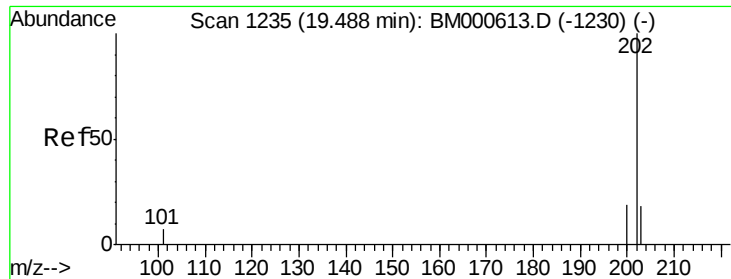


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pyrene

Concen: 0.00 ng/ul

RT: 19.49 min Scan# 1235

Delta R.T. 0.01 min

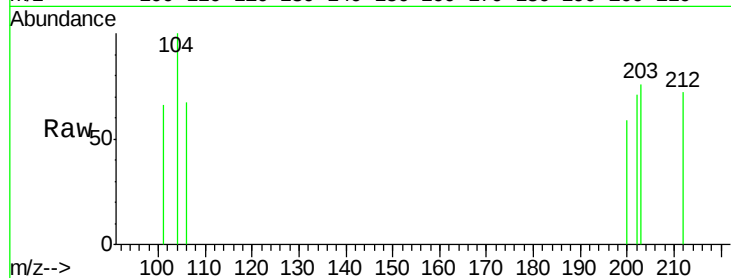
Lab File: BM000623.D

Acq: 28 Feb 2015 01:02

Instrument :

BNA_M

ClientSampled :



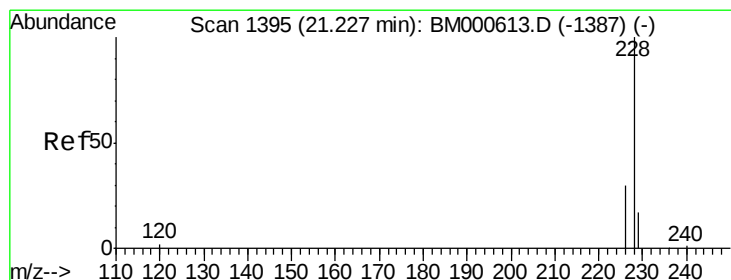
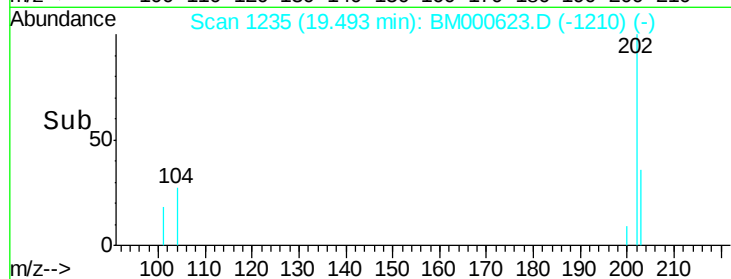
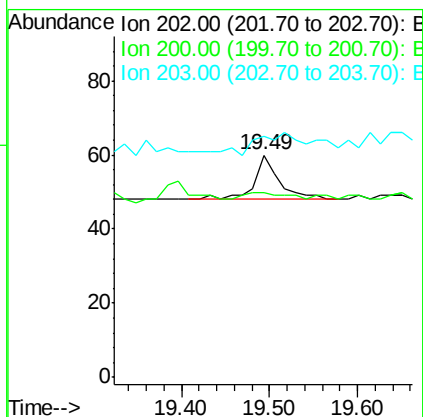
Tgt Ion:202 Resp: 23

Ion Ratio Lower Upper

202 100

200 83.3 15.7 23.5#

203 108.3 14.8 22.2#



#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.25 min Scan# 1397

Delta R.T. 0.03 min

Lab File: BM000623.D

Acq: 28 Feb 2015 01:02

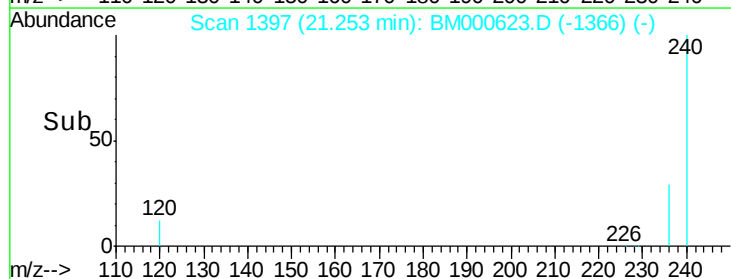
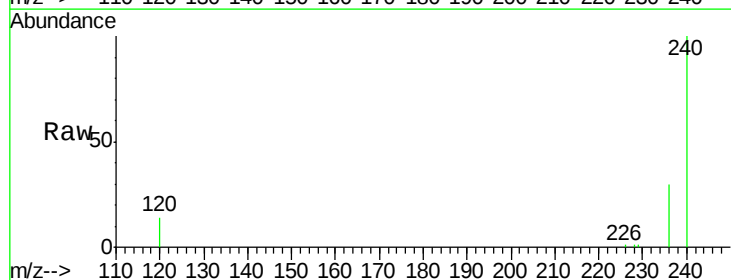
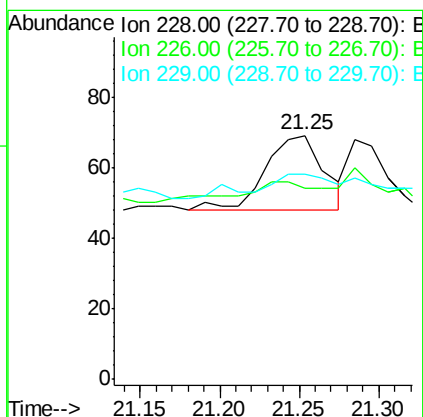
Tgt Ion:228 Resp: 53

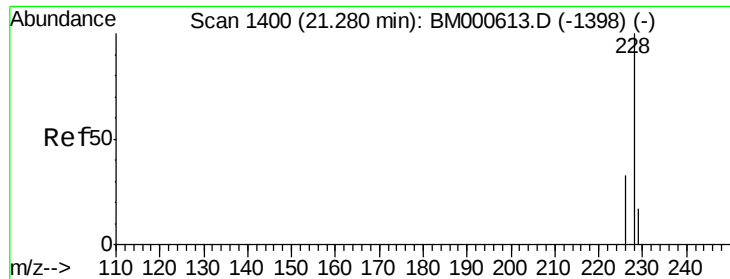
Ion Ratio Lower Upper

228 100

226 78.3 24.1 36.1#

229 84.1 14.2 21.4#





#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.28 min Scan# 1400

Delta R.T. 0.01 min

Lab File: BM000623.D

Acq: 28 Feb 2015 01:02

Instrument :

BNA_M

ClientSampleId :

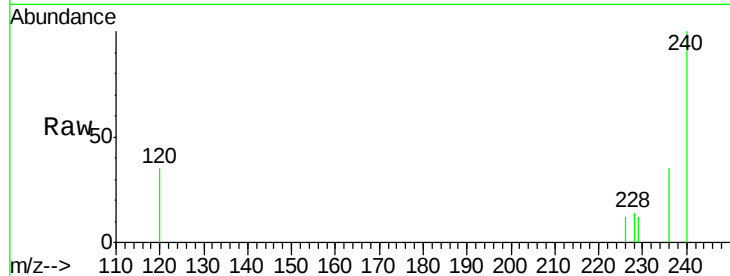
Tgt Ion:228 Resp: 36

Ion Ratio Lower Upper

228 100

226 88.2 26.5 39.7#

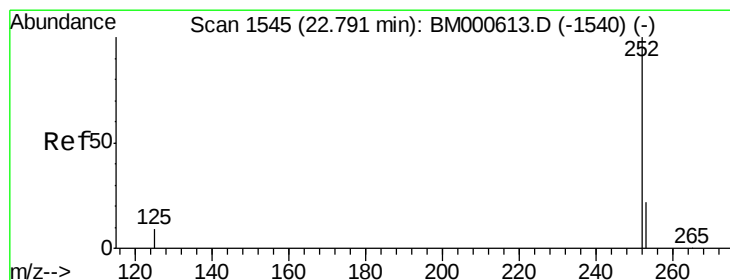
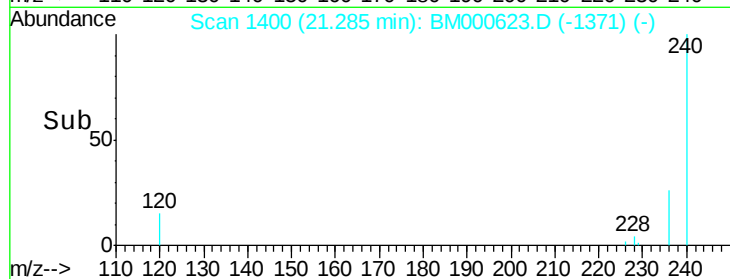
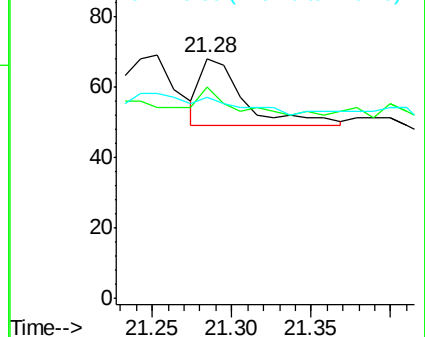
229 83.8 14.3 21.5#



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



#23

Benzo(b)fluoranthene

Concen: 0.04 ng/ul

RT: 22.68 min Scan# 1534

Delta R.T. -0.11 min

Lab File: BM000623.D

Acq: 28 Feb 2015 01:02

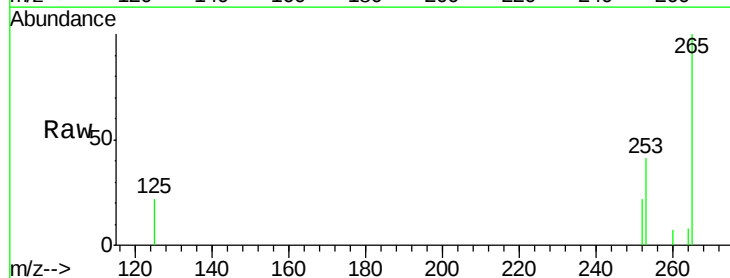
Tgt Ion:252 Resp: 1023

Ion Ratio Lower Upper

252 100

253 192.2 0.0 51.2#

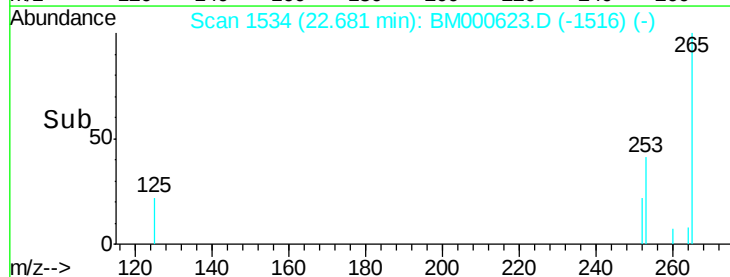
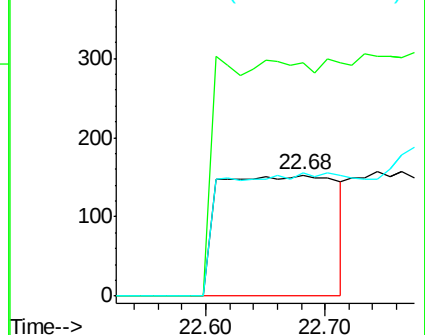
125 102.0 0.0 22.8#

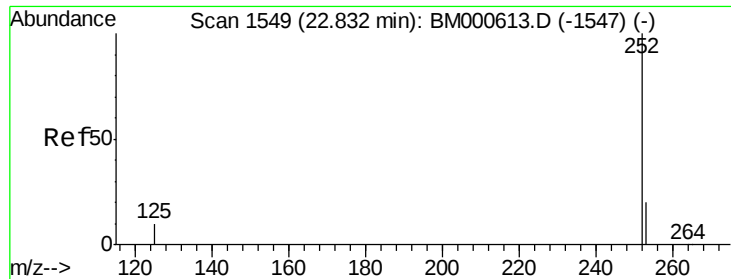


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.04 ng/u1

RT: 22.68 min Scan# 1534

Delta R.T. -0.15 min

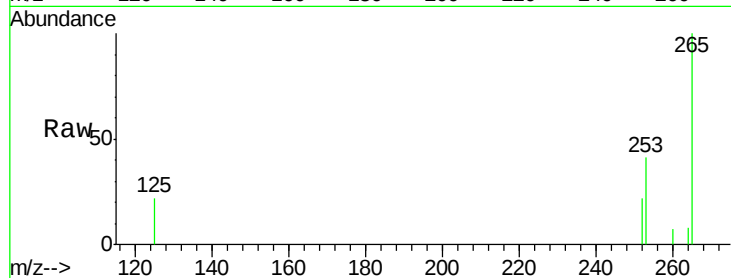
Lab File: BM000623.D

Acq: 28 Feb 2015 01:02

Instrument :

BNA_M

ClientSampleId :



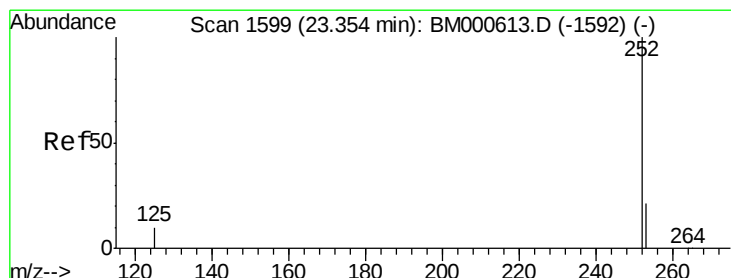
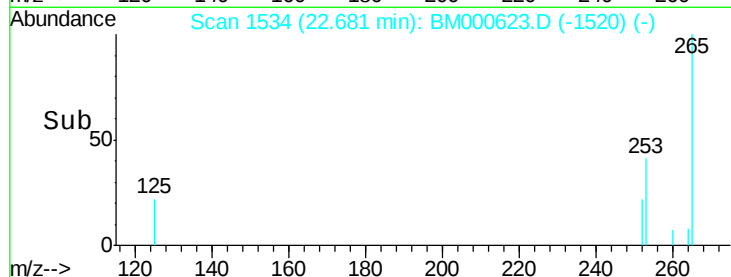
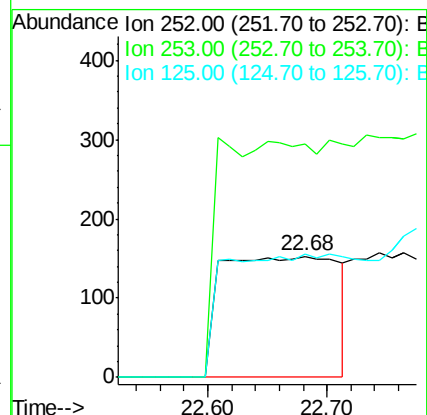
Tgt Ion:252 Resp: 1023

Ion Ratio Lower Upper

252 100

253 192.2 20.2 30.2#

125 102.0 9.6 14.4#



#25

Benzo(a)pyrene

Concen: 0.00 ng/u1

RT: 23.37 min Scan# 1600

Delta R.T. 0.02 min

Lab File: BM000623.D

Acq: 28 Feb 2015 01:02

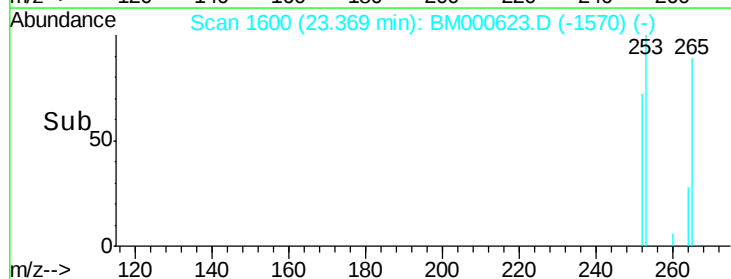
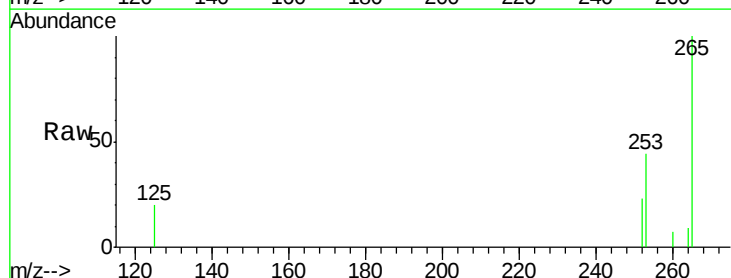
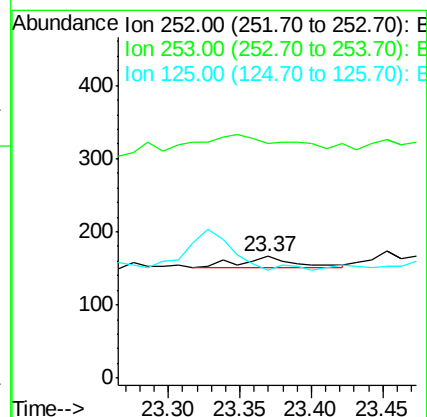
Tgt Ion:252 Resp: 39

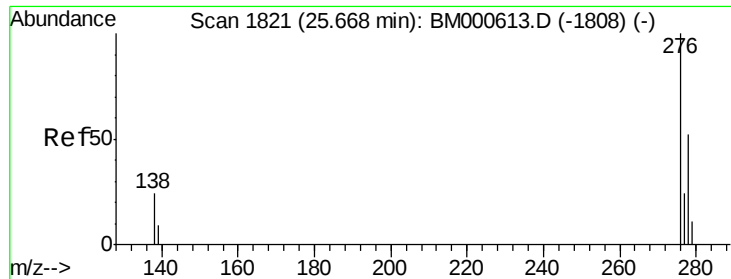
Ion Ratio Lower Upper

252 100

253 192.8 21.3 31.9#

125 88.6 10.6 15.8#





#26

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.64 min Scan# 1818

Delta R.T. -0.03 min

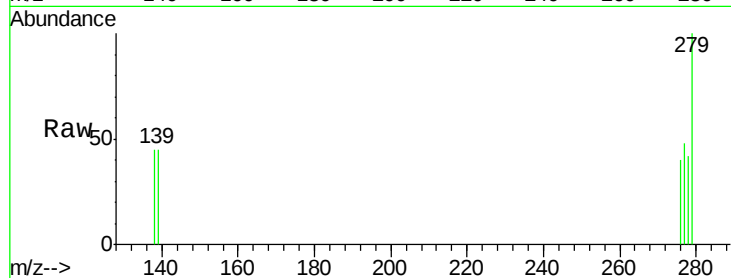
Lab File: BM000623.D

Acq: 28 Feb 2015 01:02

Instrument :

BNA_M

ClientSampleId :



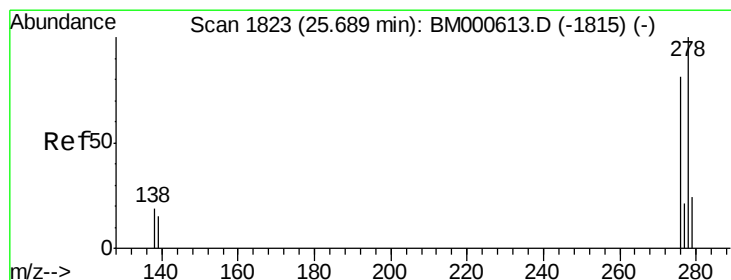
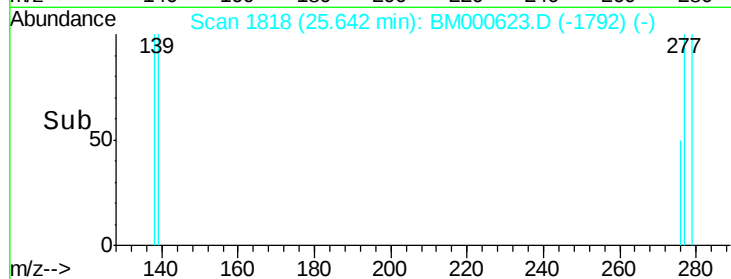
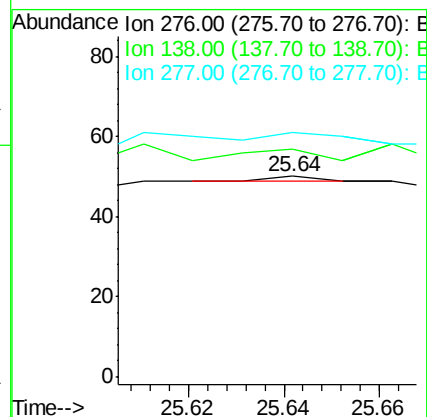
Tgt Ion: 276 Resp: 1

Ion Ratio Lower Upper

276 100

138 200.0 19.7 29.5#

277 0.0 19.9 29.9#



#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.73 min Scan# 1826

Delta R.T. 0.04 min

Lab File: BM000623.D

Acq: 28 Feb 2015 01:02

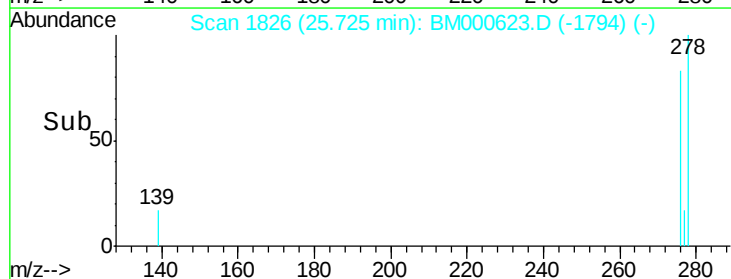
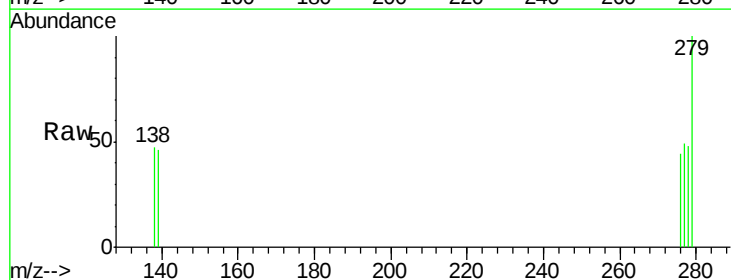
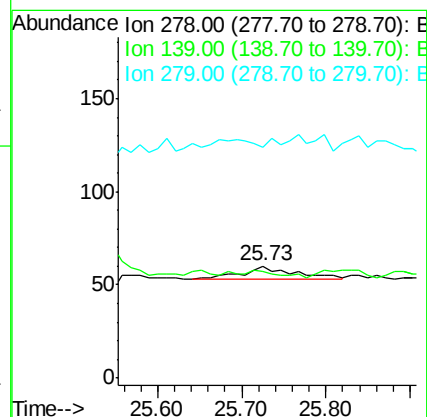
Tgt Ion: 278 Resp: 31

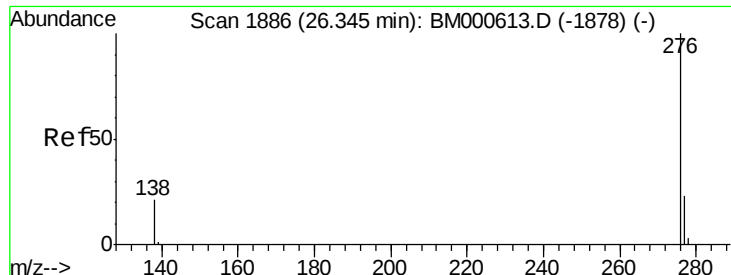
Ion Ratio Lower Upper

278 100

139 95.0 13.3 19.9#

279 206.7 21.9 32.9#





#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.38 min Scan# 1889

Delta R.T. 0.04 min

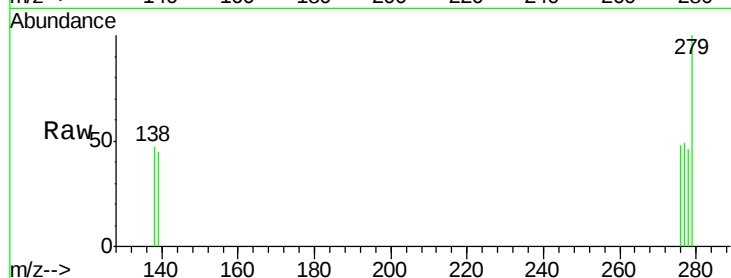
Lab File: BM000623.D

Acq: 28 Feb 2015 01:02

Instrument :

BNA_M

ClientSampleId :



Tgt Ion: 276 Resp: 41

Ion Ratio Lower Upper

276 100

277 103.4 19.8 29.8#

138 98.3 17.8 26.6#

