

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022715\
 Data File : BM000616.D
 Acq On : 27 Feb 2015 20:55
 Operator : TP/IZ
 Sample : MDL-BLK-W
 Misc : MDL-WATER-BLK-SBLK28
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 27 22:51:24 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 22:41:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3037	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	10457	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.31	164	5281	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	10983	0.40	ng/ul	0.00
18) Chrysene-d12	21.26	240	8308	0.40	ng/ul	0.01
22) Perylene-d12	23.46	264	7147	0.40	ng/ul	0.00

System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.12	96	67	0.03	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	12.06	152	3654	0.29	ng/ul	0.01
16) Fluoranthene-d10	19.10	212	6347	0.33	ng/ul	0.01

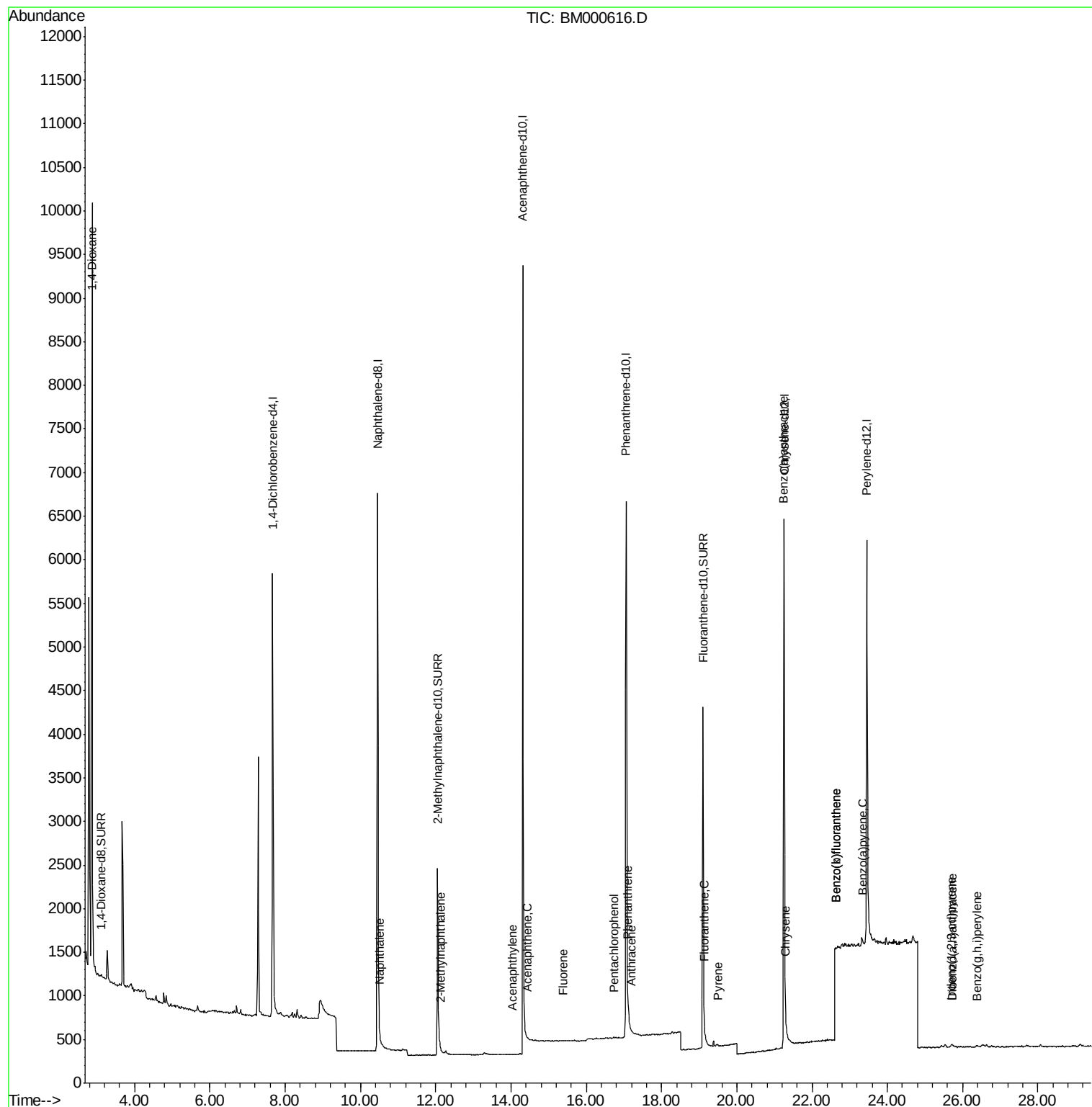
Target Compounds				Qvalue		
3) 1,4-Dioxane	2.87	88	4368	1.23	ng/ul#	1
5) Naphthalene	10.50	128	15	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.13	142	8	0.00	ng/ul#	72
9) Acenaphthylene	14.04	152	3	0.00	ng/ul#	1
10) Acenaphthene	14.42	153	15	0.00	ng/ul#	73
11) Fluorene	15.38	166	4	0.00	ng/ul#	55
13) Pentachlorophenol	16.72	266	32	0.02	ng/ul#	66
14) Phenanthrene	17.10	178	37	0.00	ng/ul#	1
15) Anthracene	17.20	178	14	0.00	ng/ul#	1
17) Fluoranthene	19.12	202	25	0.00	ng/ul#	1
19) Pyrene	19.50	202	19	0.00	ng/ul#	1
20) Benzo(a)anthracene	21.25	228	58	0.00	ng/ul#	1
21) Chrysene	21.29	228	44	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	22.64	252	704	0.03	ng/ul#	1
24) Benzo(k)fluoranthene	22.64	252	704	0.03	ng/ul#	1
25) Benzo(a)pyrene	23.34	252	56	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	25.71	276	48	0.00	ng/ul#	67
27) Dibenzo(a,h)anthracene	25.72	278	59	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.39	276	34	0.00	ng/ul#	1

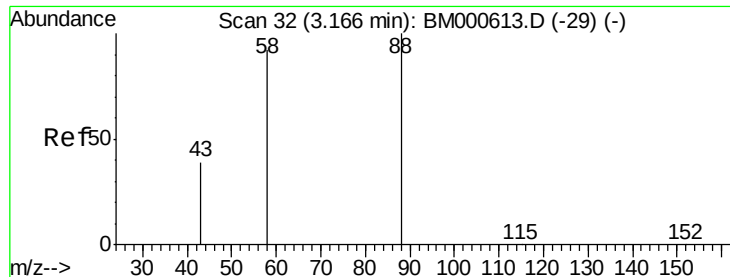
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

1,4-Dioxane

Concen: 1.23 ng/ul

RT: 2.87 min Scan# 13

Delta R.T. -0.29 min

Lab File: BM000616.D

Acq: 27 Feb 2015 20:55

Instrument :

BNA_M

ClientSampled :

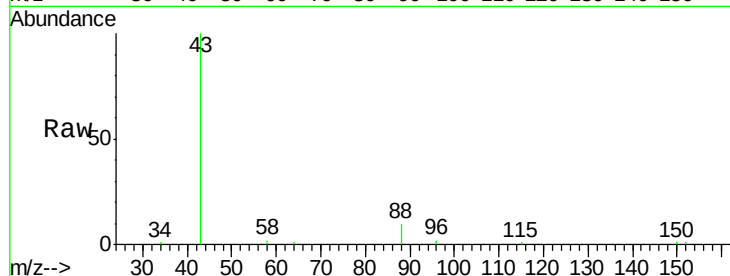
Tgt Ion: 88 Resp: 4368

Ion Ratio Lower Upper

88 100

58 3.6 62.7 94.1#

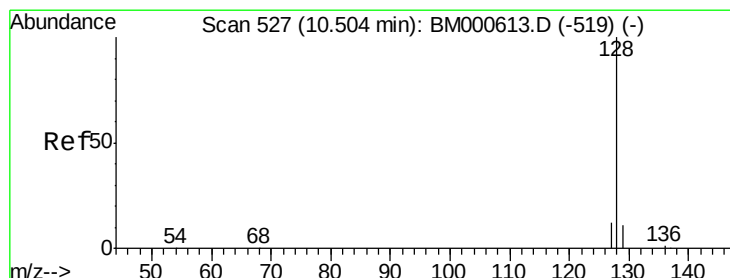
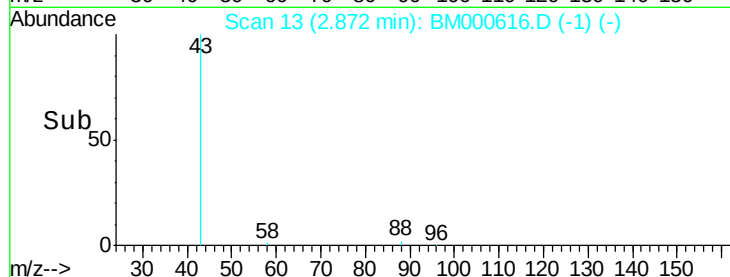
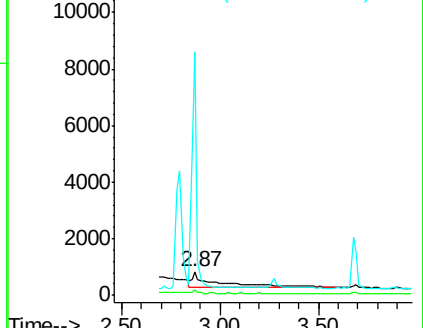
43 314.7 28.8 43.2#



Abundance Ion 88.00 (87.70 to 88.70): BM000613.D (-29) (-)

Ion 58.00 (57.70 to 58.70): BM000613.D (-29) (-)

Ion 43.00 (42.70 to 43.70): BM000613.D (-29) (-)



#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.50 min Scan# 527

Delta R.T. 0.00 min

Lab File: BM000616.D

Acq: 27 Feb 2015 20:55

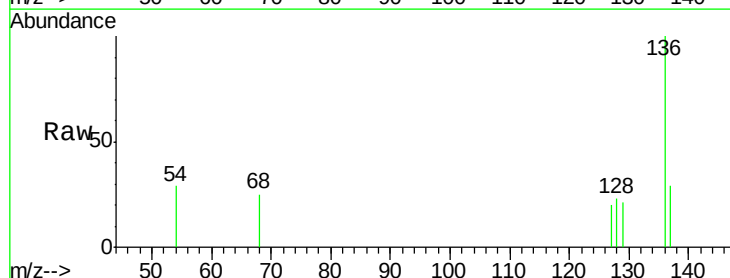
Tgt Ion: 128 Resp: 15

Ion Ratio Lower Upper

128 100

129 91.2 9.4 14.0#

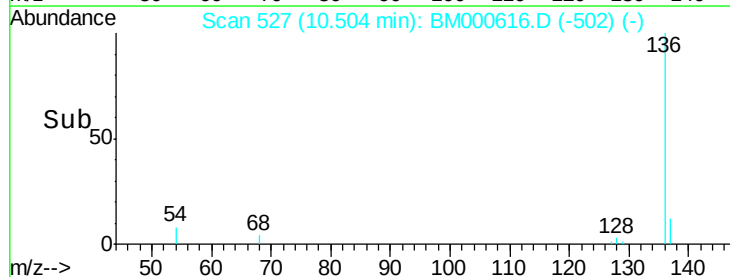
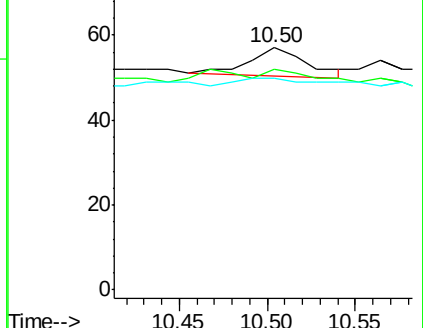
127 87.7 10.0 15.0#

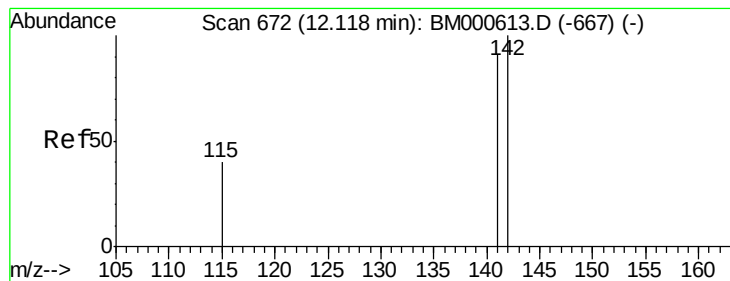


Abundance Ion 128.00 (127.70 to 128.70): BM000613.D (-519) (-)

Ion 129.00 (128.70 to 129.70): BM000613.D (-519) (-)

Ion 127.00 (126.70 to 127.70): BM000613.D (-519) (-)





#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.13 min Scan# 673

Delta R.T. 0.01 min

Lab File: BM000616.D

Acq: 27 Feb 2015 20:55

Instrument :

BNA_M

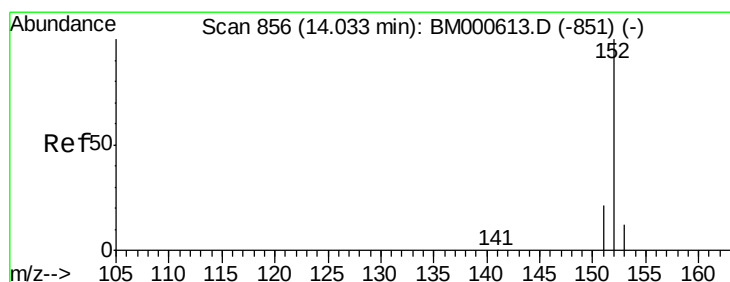
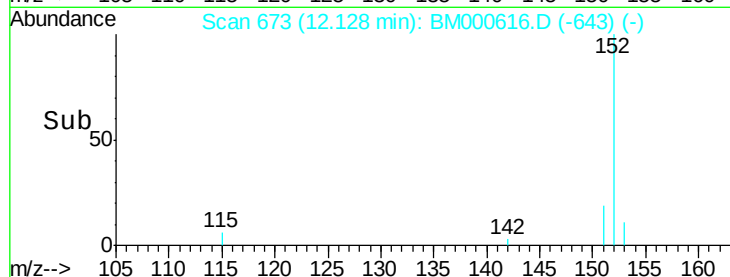
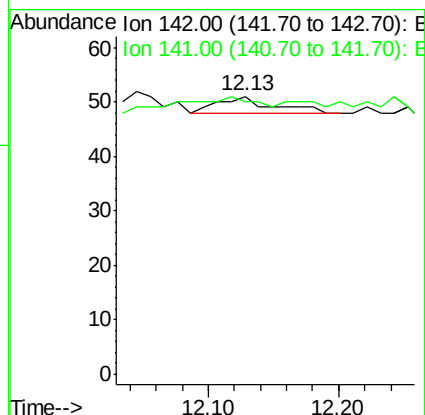
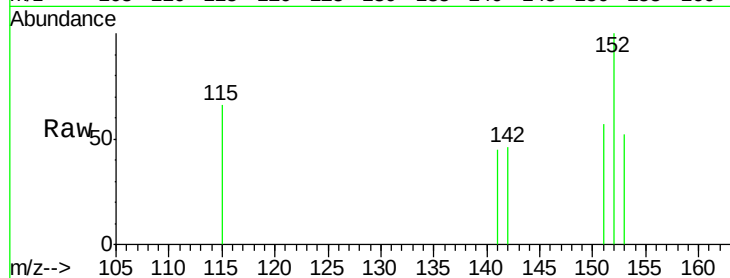
ClientSampleId :

Tgt Ion:142 Resp: 8

Ion Ratio Lower Upper

142 100

141 62.5 71.2 106.8#



#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.04 min Scan# 857

Delta R.T. 0.01 min

Lab File: BM000616.D

Acq: 27 Feb 2015 20:55

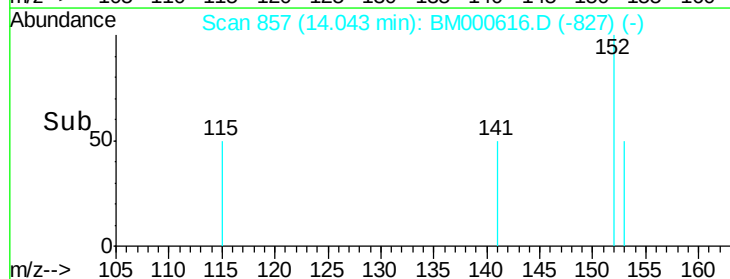
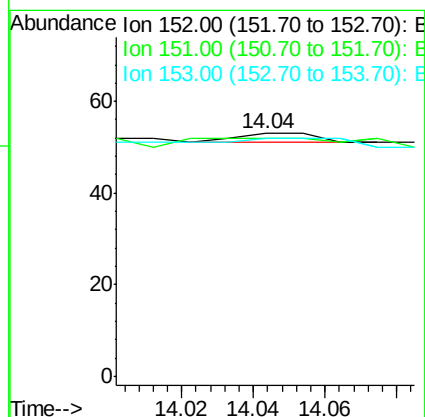
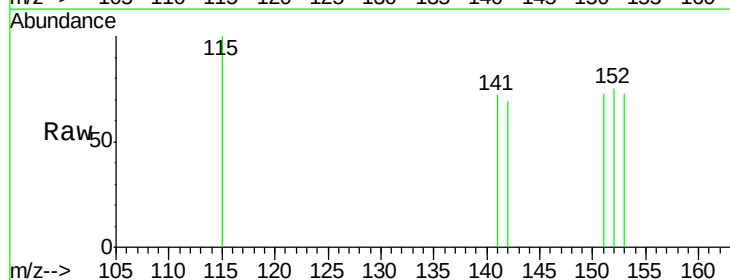
Tgt Ion:152 Resp: 3

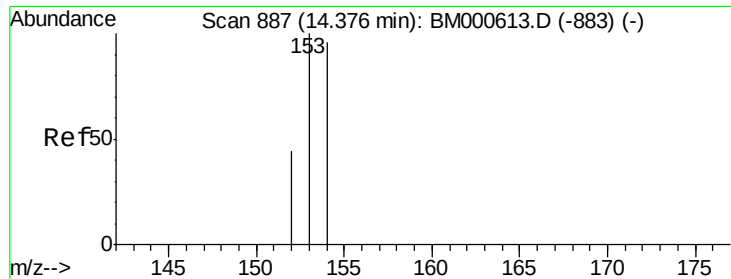
Ion Ratio Lower Upper

152 100

151 98.1 17.0 25.6#

153 98.1 9.9 14.9#





#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.42 min Scan# 890

Delta R.T. 0.05 min

Lab File: BM000616.D

Acq: 27 Feb 2015 20:55

Instrument :

BNA_M

ClientSampleId :

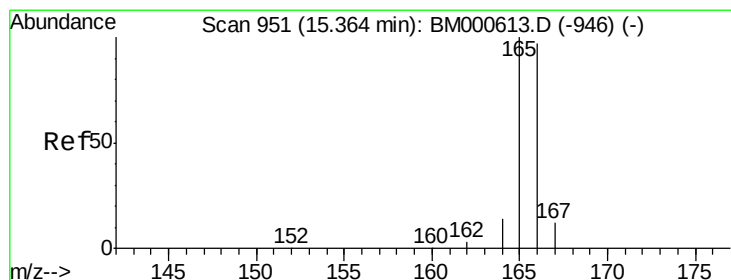
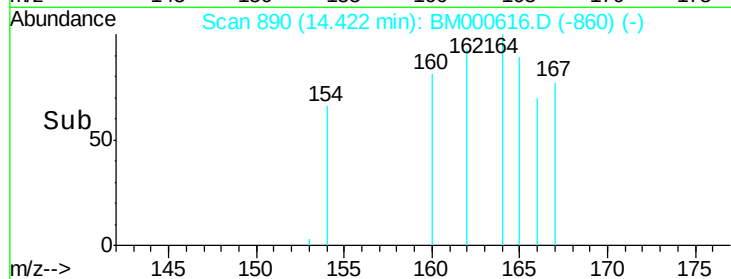
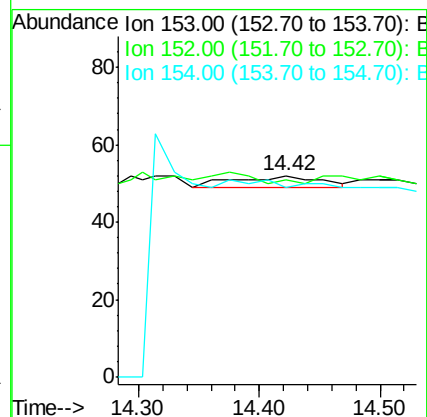
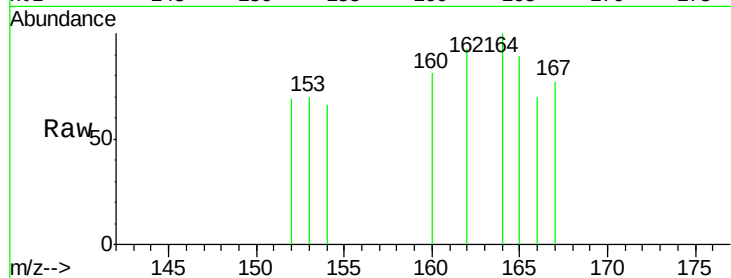
Tgt Ion:153 Resp: 15

Ion Ratio Lower Upper

153 100

152 98.1 35.9 53.9#

154 94.2 76.9 115.3



#11

Fluorene

Concen: 0.00 ng/ul

RT: 15.38 min Scan# 952

Delta R.T. 0.02 min

Lab File: BM000616.D

Acq: 27 Feb 2015 20:55

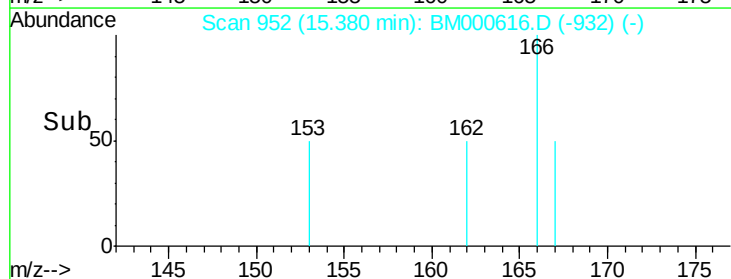
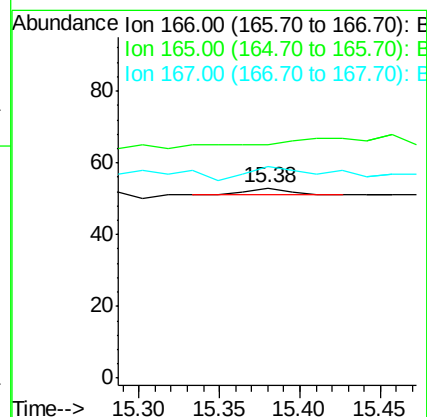
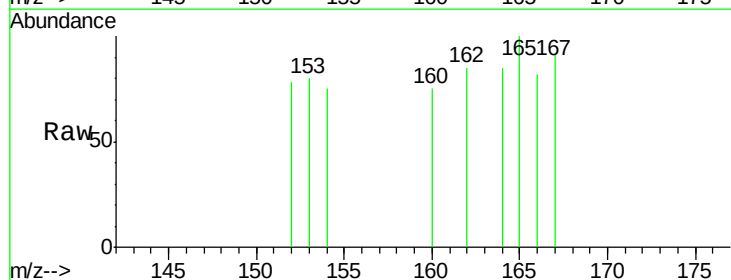
Tgt Ion:166 Resp: 4

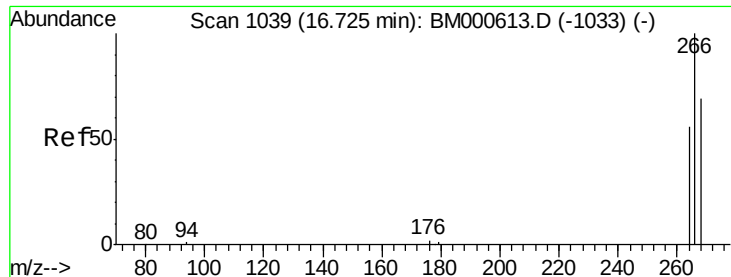
Ion Ratio Lower Upper

166 100

165 122.6 82.5 123.7

167 111.3 10.6 16.0#

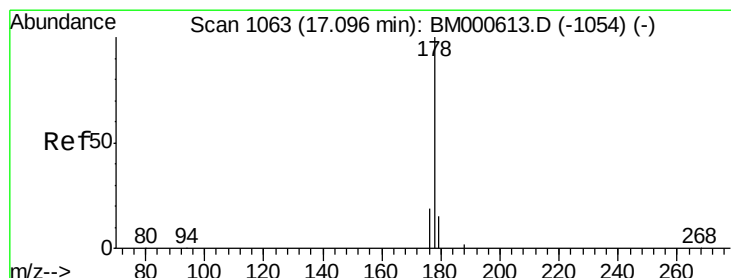
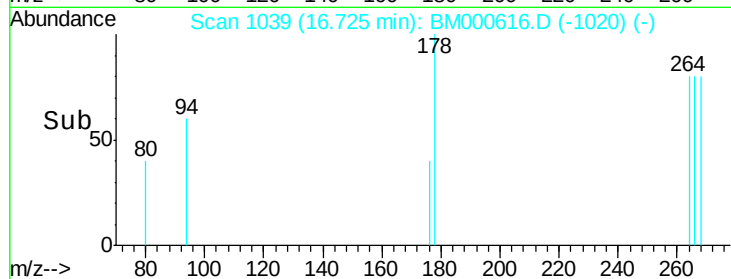
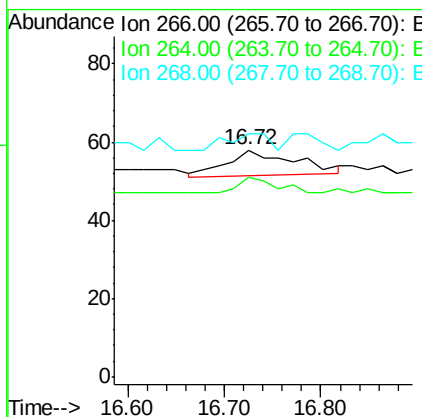
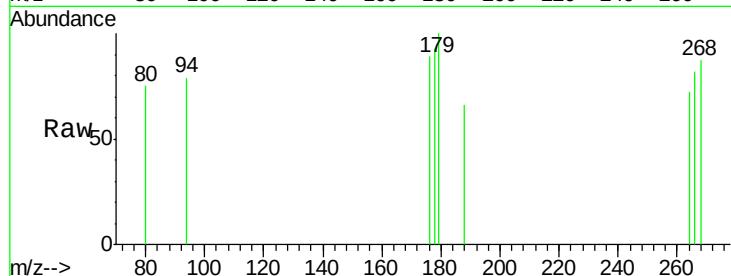




#13
 Pentachlorophenol
 Concen: 0.02 ng/ul
 RT: 16.72 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BM000616.D
 Acq: 27 Feb 2015 20:55

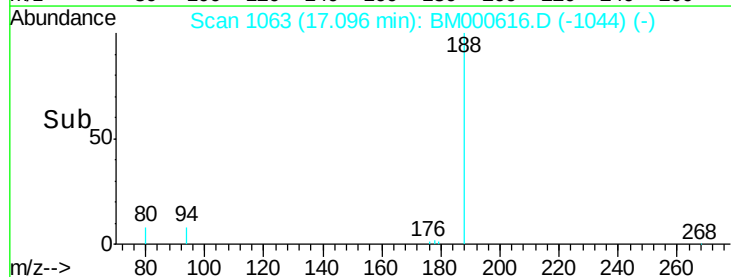
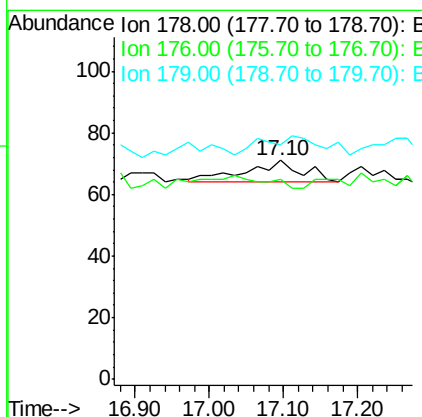
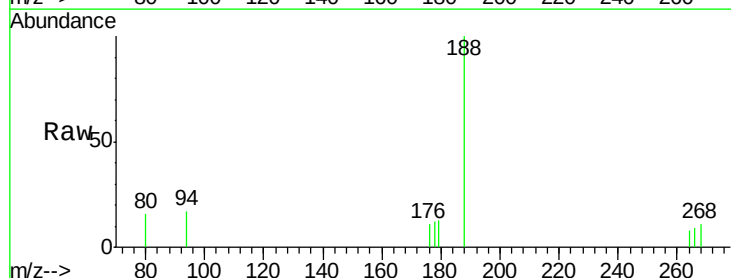
Instrument :
 BNA_M
 ClientSampleId :

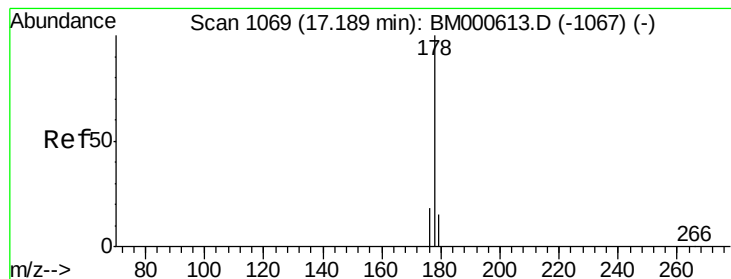
Tgt Ion: 266 Resp: 32
 Ion Ratio Lower Upper
 266 100
 264 31.3 51.0 76.6#
 268 46.9 54.9 82.3#



#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 17.10 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BM000616.D
 Acq: 27 Feb 2015 20:55

Tgt Ion: 178 Resp: 37
 Ion Ratio Lower Upper
 178 100
 176 91.5 15.3 22.9#
 179 107.0 12.2 18.2#





#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.20 min Scan# 1070

Delta R.T. 0.02 min

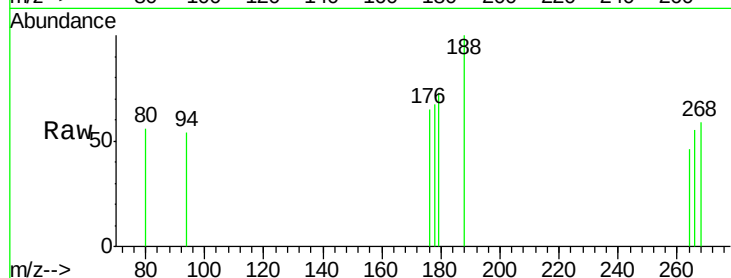
Lab File: BM000616.D

Acq: 27 Feb 2015 20:55

Instrument :

BNA_M

ClientSampleId :



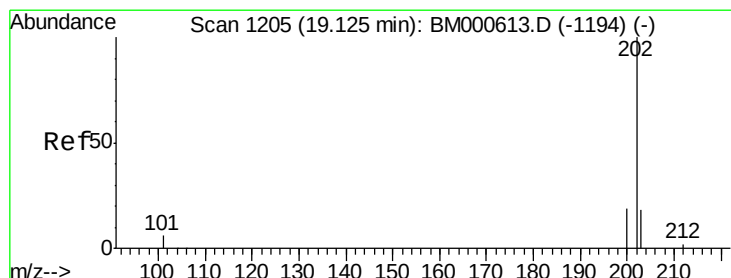
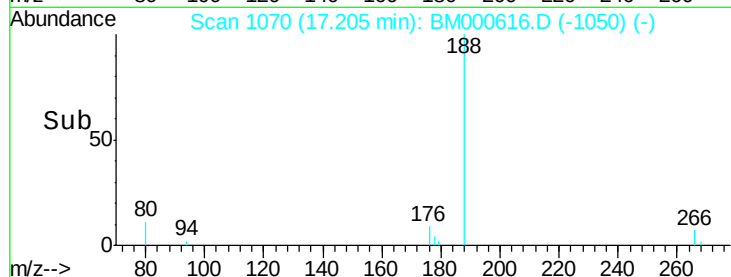
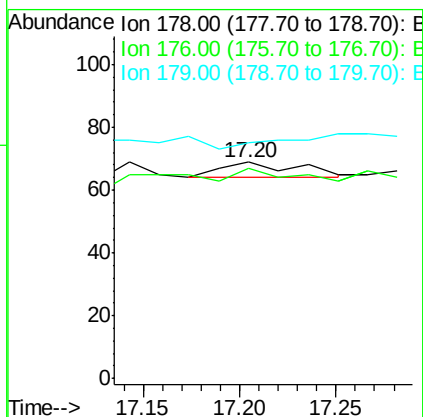
Tgt Ion:178 Resp: 14

Ion Ratio Lower Upper

178 100

176 97.1 14.6 22.0#

179 108.7 12.9 19.3#



#17

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.12 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BM000616.D

Acq: 27 Feb 2015 20:55

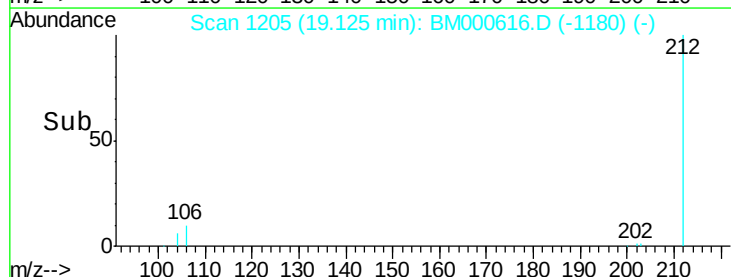
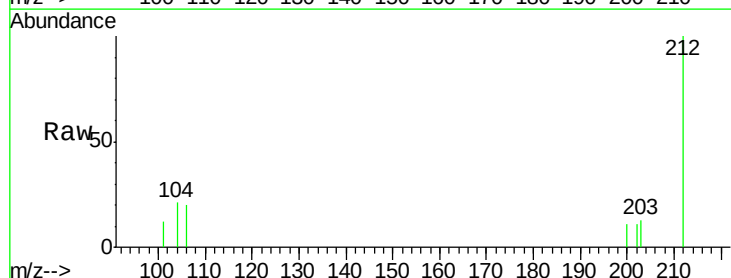
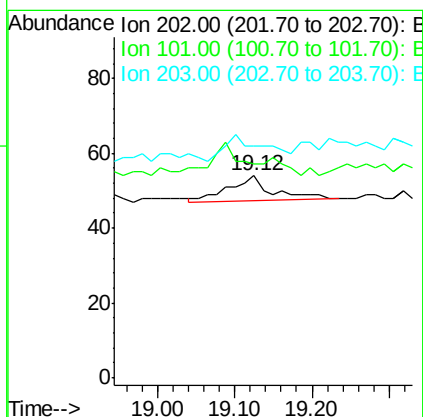
Tgt Ion:202 Resp: 25

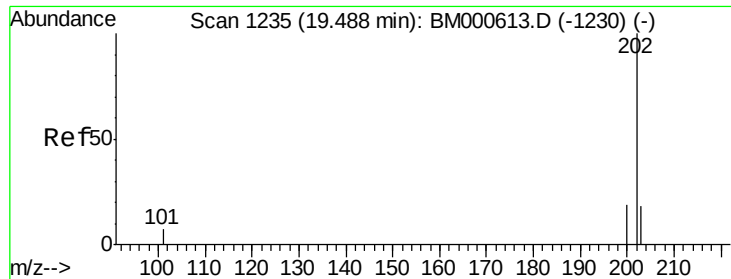
Ion Ratio Lower Upper

202 100

101 105.6 0.0 26.2#

203 114.8 0.0 38.3#





#19

Pyrene

Concen: 0.00 ng/ul

RT: 19.50 min Scan# 1236

Delta R.T. 0.01 min

Lab File: BM000616.D

Acq: 27 Feb 2015 20:55

Instrument :

BNA_M

ClientSampleId :

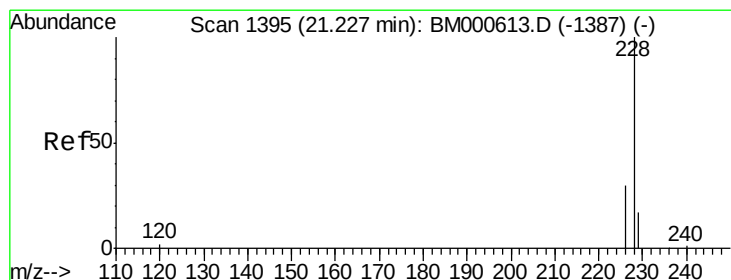
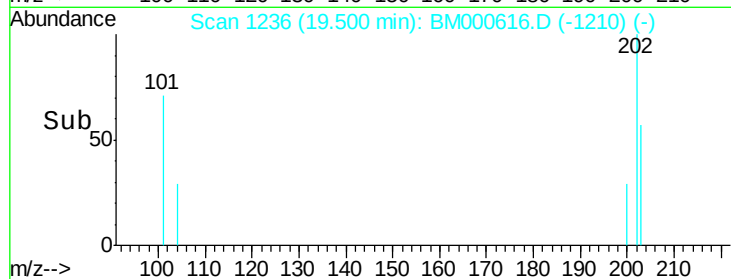
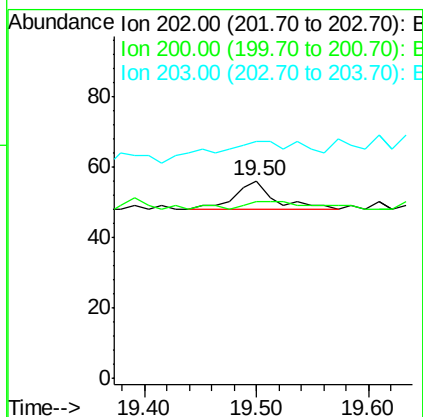
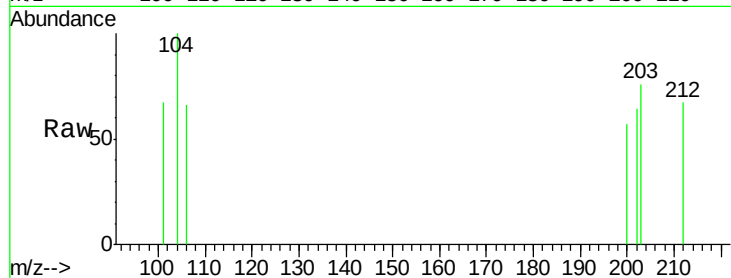
Tgt Ion:202 Resp: 19

Ion Ratio Lower Upper

202 100

200 89.3 15.7 23.5#

203 119.6 14.8 22.2#



#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.25 min Scan# 1397

Delta R.T. 0.02 min

Lab File: BM000616.D

Acq: 27 Feb 2015 20:55

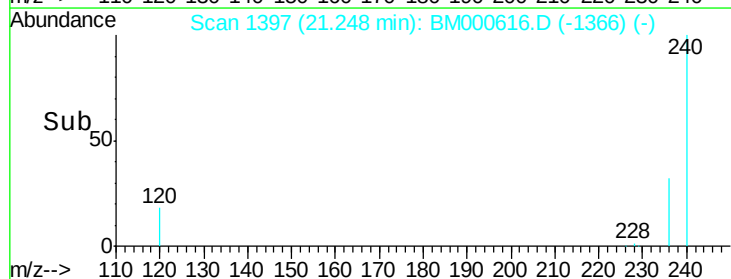
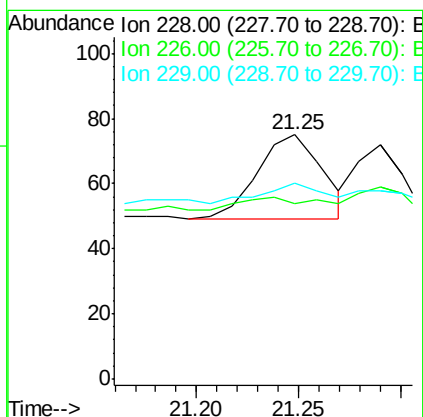
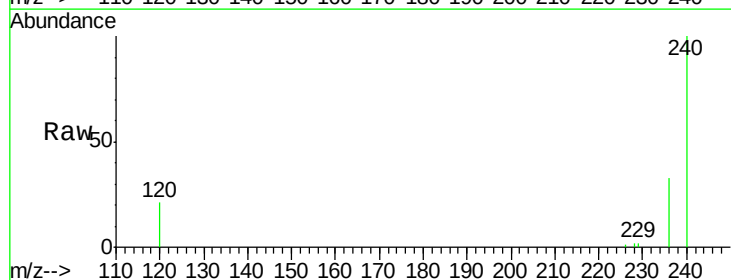
Tgt Ion:228 Resp: 58

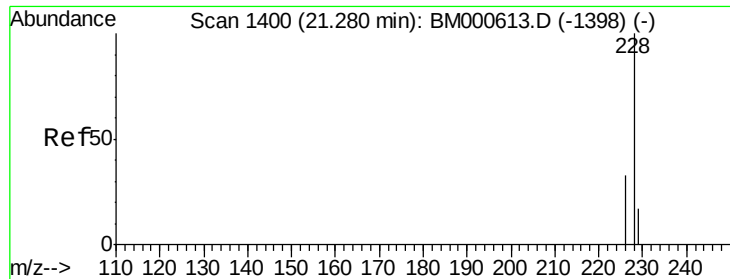
Ion Ratio Lower Upper

228 100

226 72.0 24.1 36.1#

229 80.0 14.2 21.4#





#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.29 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BM000616.D

Acq: 27 Feb 2015 20:55

Instrument :

BNA_M

ClientSampleId :

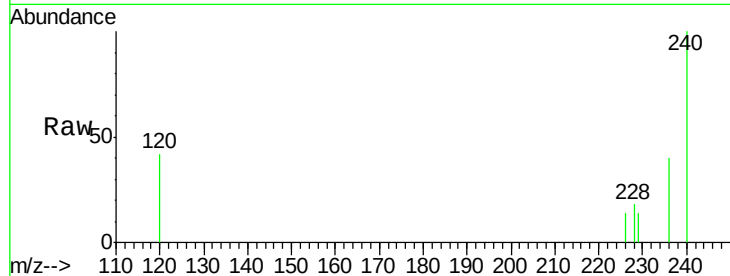
Tgt Ion:228 Resp: 44

Ion Ratio Lower Upper

228 100

226 81.9 26.5 39.7#

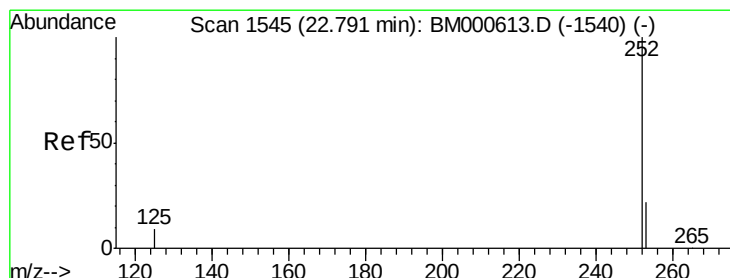
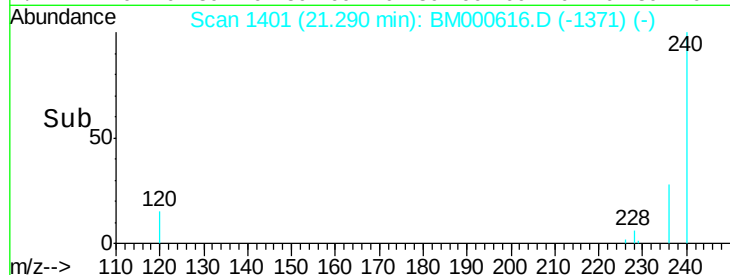
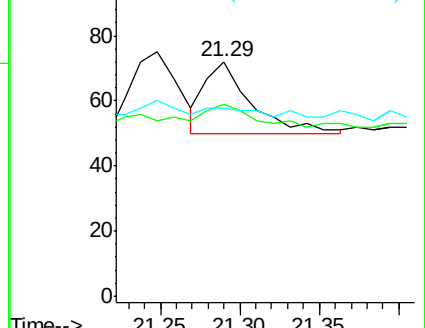
229 80.6 14.3 21.5#



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: 0.03 ng/ul

RT: 22.64 min Scan# 1531

Delta R.T. -0.15 min

Lab File: BM000616.D

Acq: 27 Feb 2015 20:55

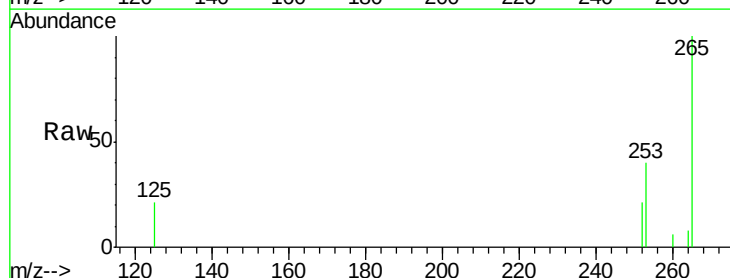
Tgt Ion:252 Resp: 704

Ion Ratio Lower Upper

252 100

253 189.8 0.0 51.2#

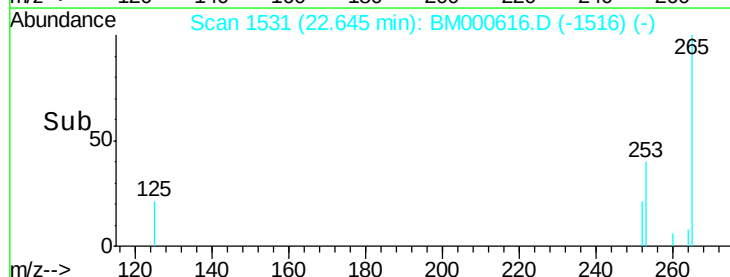
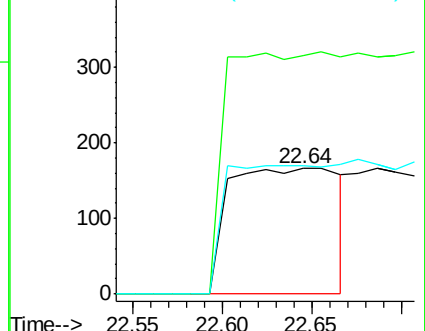
125 102.4 0.0 22.8#

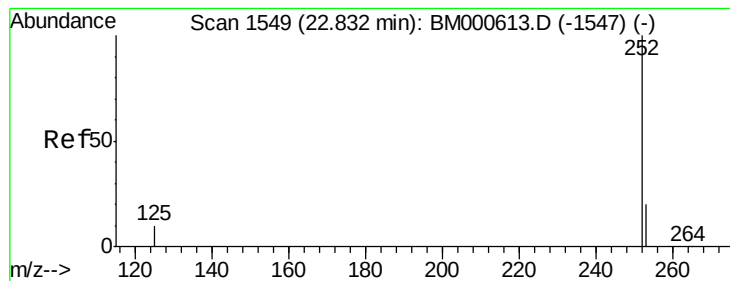


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.03 ng/ul

RT: 22.64 min Scan# 1531

Delta R.T. -0.19 min

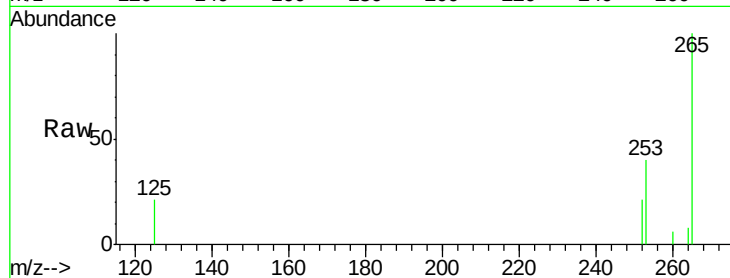
Lab File: BM000616.D

Acq: 27 Feb 2015 20:55

Instrument :

BNA_M

ClientSampled :



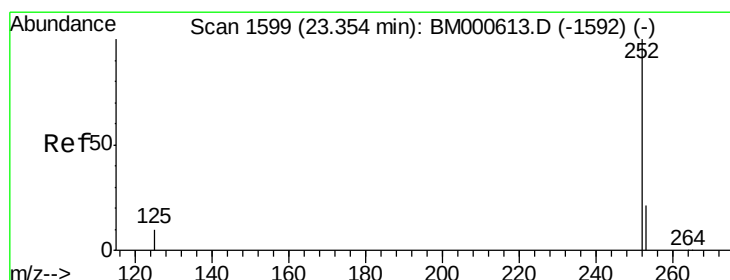
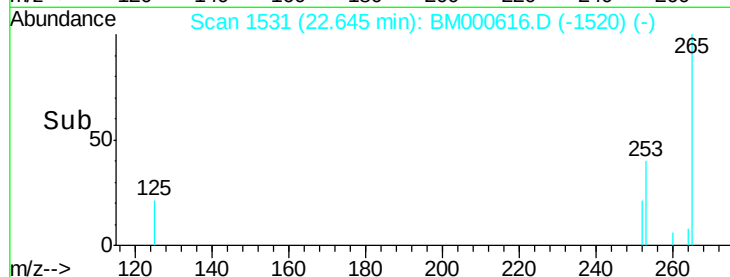
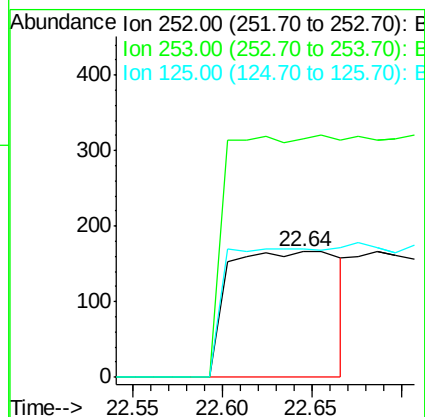
Tgt Ion: 252 Resp: 704

Ion Ratio Lower Upper

252 100

253 189.8 20.2 30.2#

125 102.4 9.6 14.4#



#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.34 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BM000616.D

Acq: 27 Feb 2015 20:55

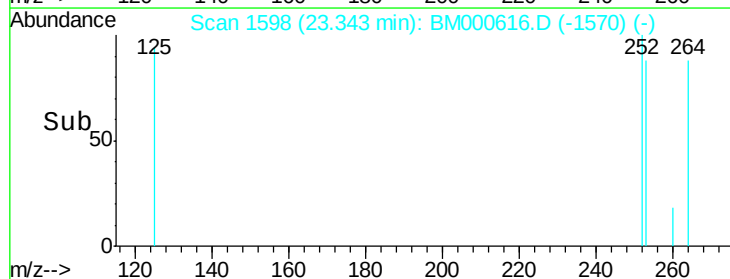
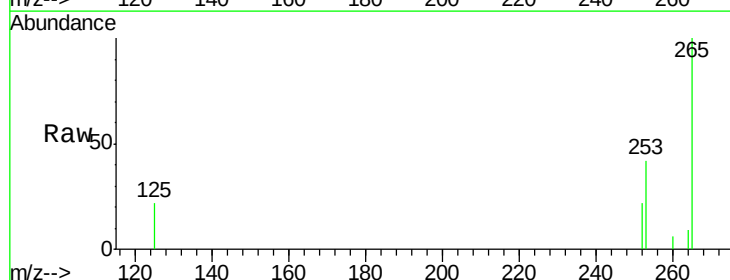
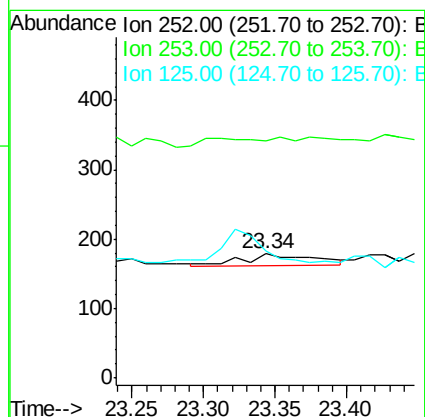
Tgt Ion: 252 Resp: 56

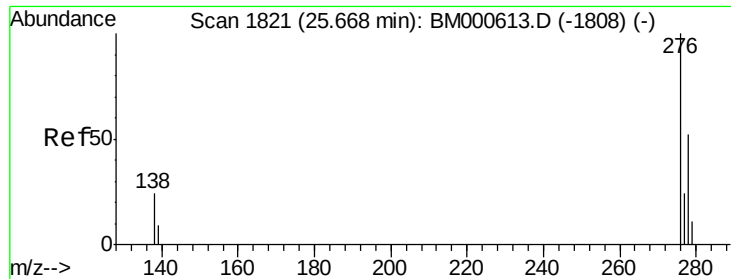
Ion Ratio Lower Upper

252 100

253 191.1 21.3 31.9#

125 101.7 10.6 15.8#





#26

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.71 min Scan# 1825

Delta R.T. 0.04 min

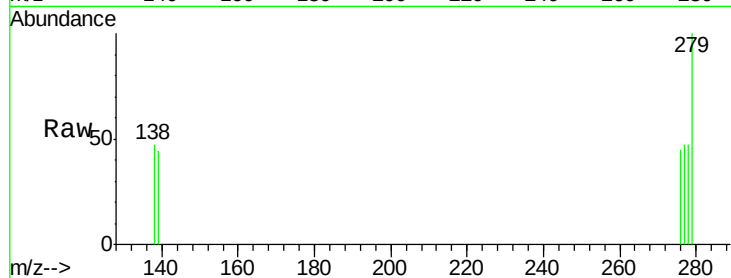
Lab File: BM000616.D

Acq: 27 Feb 2015 20:55

Instrument :

BNA_M

ClientSampleId :



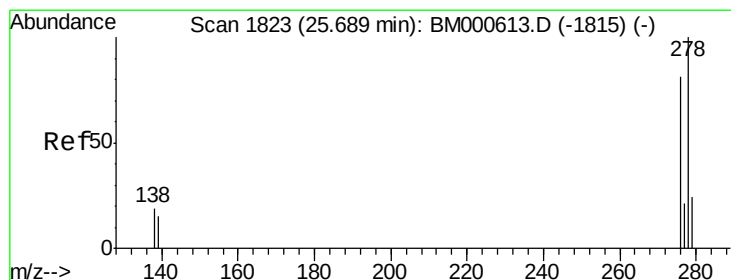
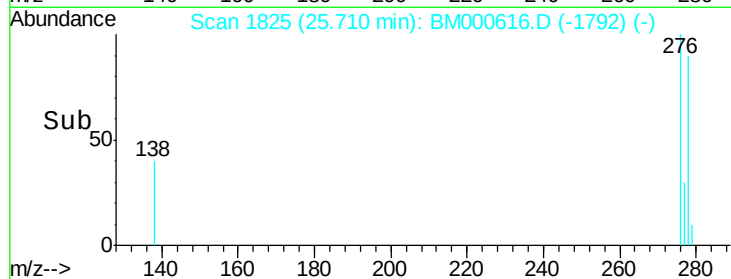
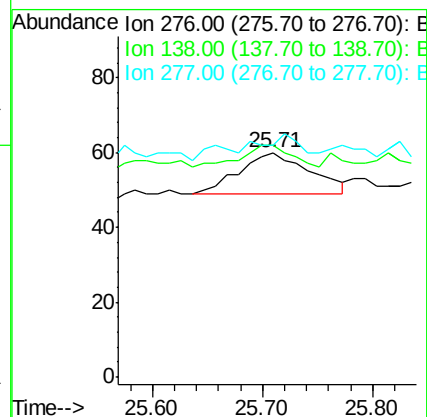
Tgt Ion:276 Resp: 48

Ion Ratio Lower Upper

276 100

138 0.0 19.7 29.5#

277 33.3 19.9 29.9#



#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.72 min Scan# 1826

Delta R.T. 0.03 min

Lab File: BM000616.D

Acq: 27 Feb 2015 20:55

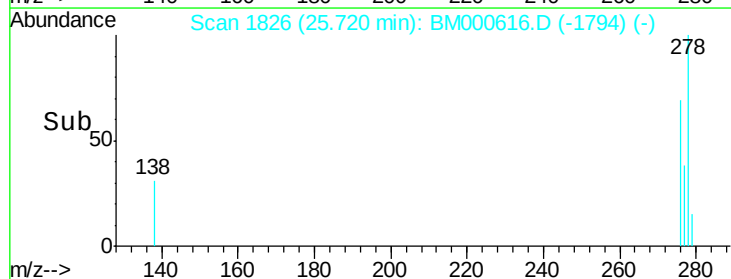
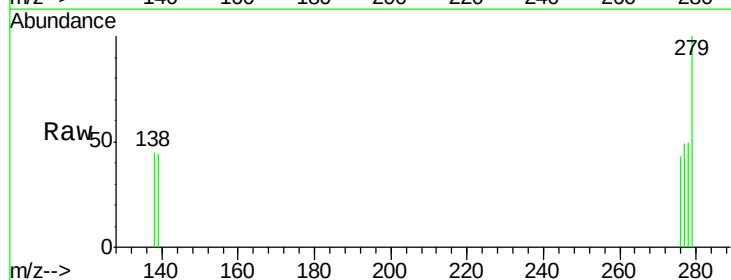
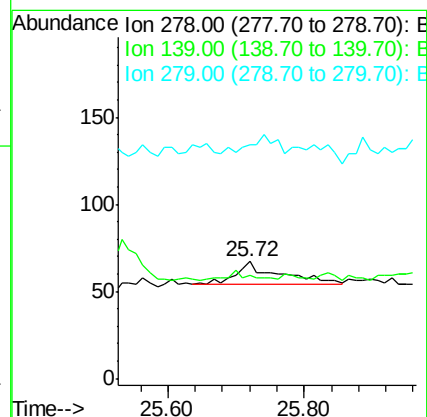
Tgt Ion:278 Resp: 59

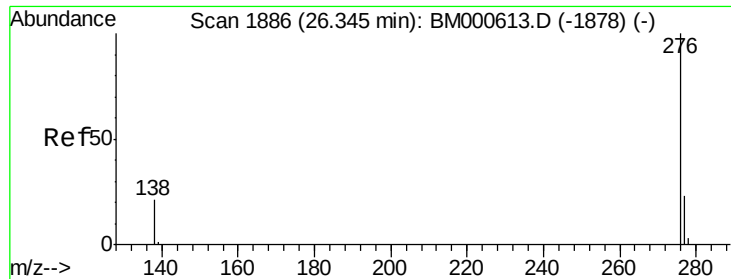
Ion Ratio Lower Upper

278 100

139 88.1 13.3 19.9#

279 200.0 21.9 32.9#





#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.39 min Scan# 1890

Delta R.T. 0.04 min

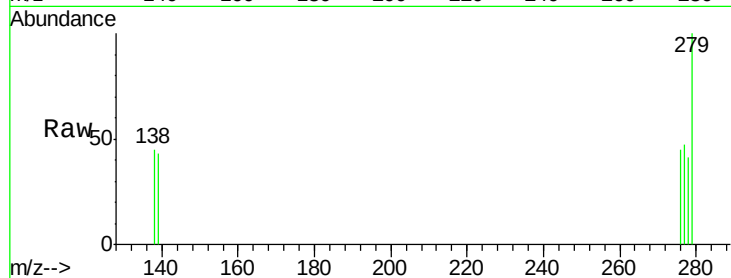
Lab File: BM000616.D

Acq: 27 Feb 2015 20:55

Instrument :

BNA_M

ClientSampleId :



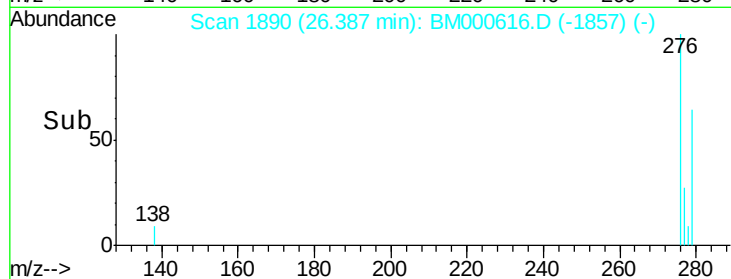
Tgt Ion: 276 Resp: 34

Ion Ratio Lower Upper

276 100

277 105.0 19.8 29.8#

138 100.0 17.8 26.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

