

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022715\
 Data File : BM000619.D
 Acq On : 27 Feb 2015 22:41
 Operator : TP/IZ
 Sample : MDL-03-W
 Misc : MDL-WATER-0.4PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 28 01:10:52 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	3162	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	10589	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.31	164	5371	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	11104	0.40	ng/ul	0.00
18) Chrysene-d12	21.26	240	8234	0.40	ng/ul	0.01
22) Perylene-d12	23.46	264	6997	0.40	ng/ul	0.00

System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	60	0.03	ng/uL	0.03
6) 2-Methylnaphthalene-d10	12.06	152	3780	0.30	ng/ul	0.01
16) Fluoranthene-d10	19.10	212	6596	0.32	ng/ul	0.01

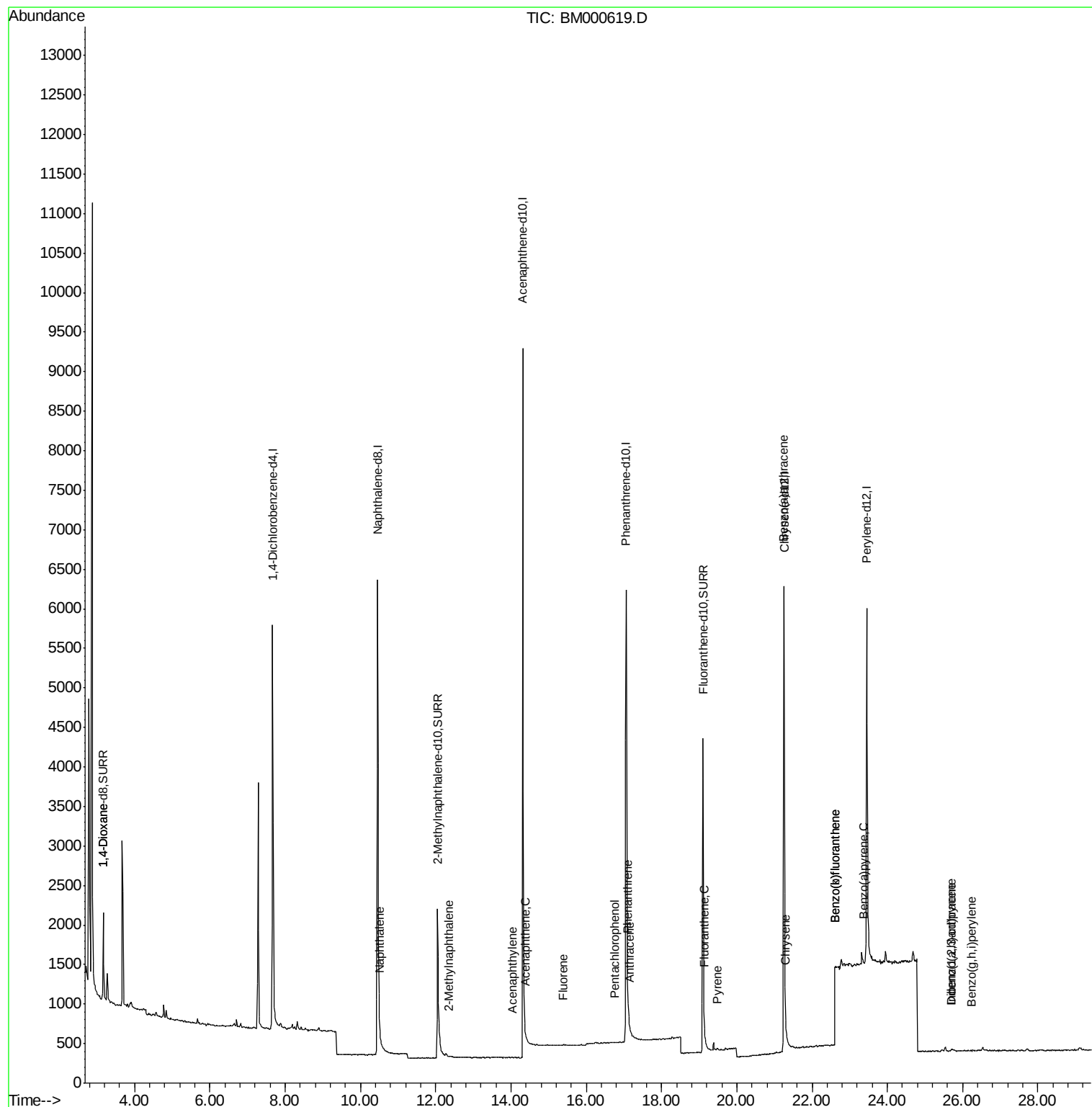
Target Compounds				Qvalue		
3) 1,4-Dioxane	3.17	88	1853	0.57	ng/ul#	49
5) Naphthalene	10.50	128	20	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.35	142	4	0.00	ng/ul	88
9) Acenaphthylene	14.04	152	9	0.00	ng/ul#	1
10) Acenaphthene	14.38	153	14	0.00	ng/ul#	72
11) Fluorene	15.38	166	14	0.00	ng/ul#	53
13) Pentachlorophenol	16.76	266	8	0.01	ng/ul#	57
14) Phenanthrene	17.10	178	55	0.00	ng/ul#	1
15) Anthracene	17.16	178	5	0.00	ng/ul#	1
17) Fluoranthene	19.12	202	31	0.00	ng/ul#	1
19) Pyrene	19.49	202	17	0.00	ng/ul#	1
20) Benzo(a)anthracene	21.25	228	52	0.00	ng/ul#	1
21) Chrysene	21.29	228	33	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	22.61	252	477	0.02	ng/ul#	1
24) Benzo(k)fluoranthene	22.61	252	477	0.02	ng/ul#	1
25) Benzo(a)pyrene	23.37	252	99	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	25.69	276	19	0.00	ng/ul#	53
27) Dibenzo(a,h)anthracene	25.71	278	30	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.24	276	1	0.00	ng/ul#	1

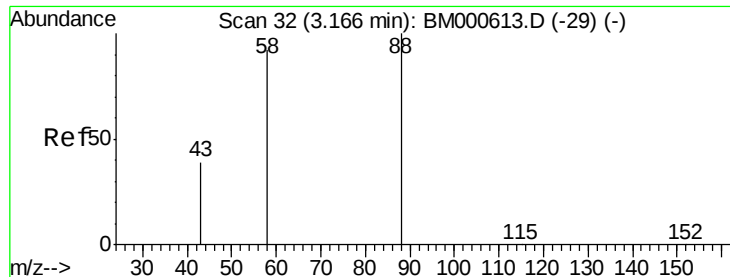
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

1,4-Dioxane

Concen: 0.57 ng/ul

RT: 3.17 min Scan# 32

Delta R.T. -0.00 min

Lab File: BM000619.D

Acq: 27 Feb 2015 22:41

Instrument :

BNA_M

ClientSampled :

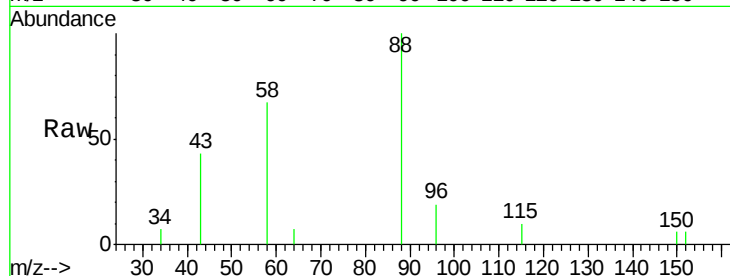
Tgt Ion: 88 Resp: 1853

Ion Ratio Lower Upper

88 100

58 38.5 62.7 94.1#

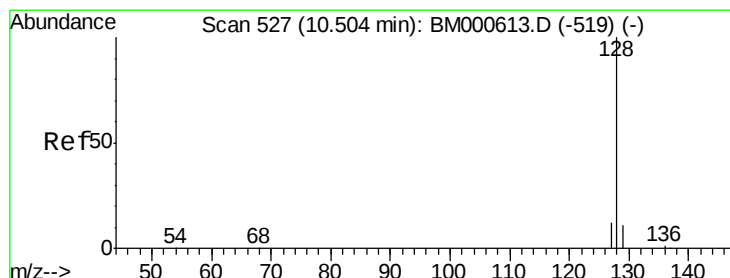
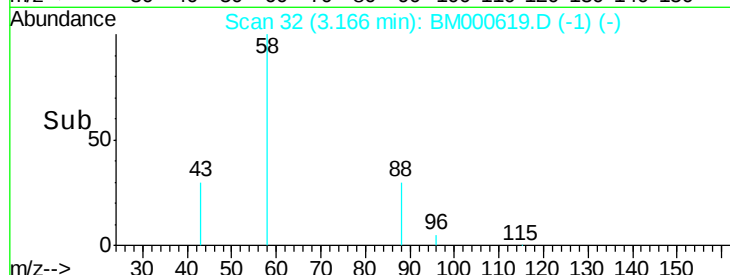
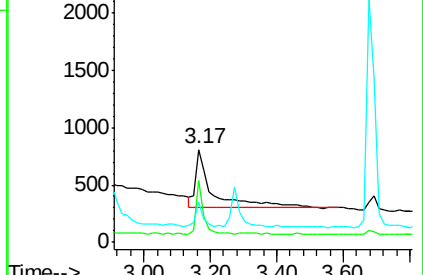
43 0.0 28.8 43.2#



Abundance Ion 88.00 (87.70 to 88.70): BM000619.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM000619.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM000619.D (-1) (-)



#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.50 min Scan# 527

Delta R.T. -0.00 min

Lab File: BM000619.D

Acq: 27 Feb 2015 22:41

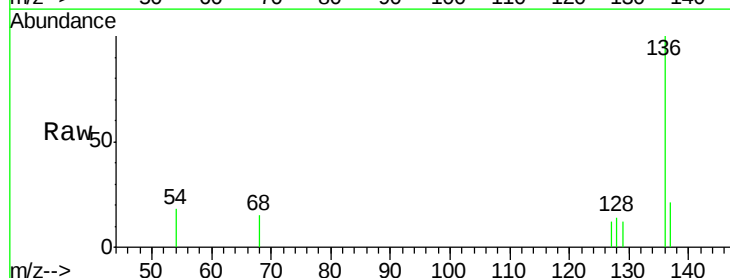
Tgt Ion: 128 Resp: 20

Ion Ratio Lower Upper

128 100

129 86.4 9.4 14.0#

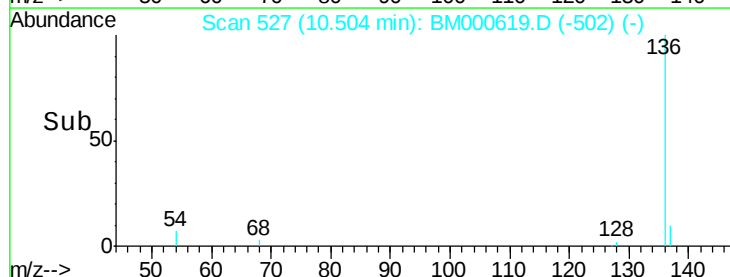
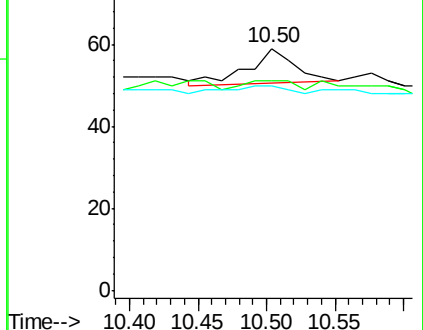
127 84.7 10.0 15.0#

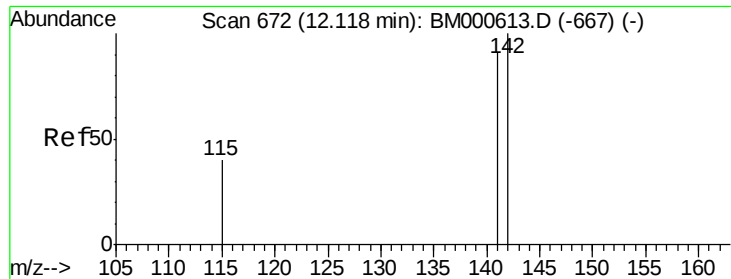


Abundance Ion 128.00 (127.70 to 128.70): BM000619.D (-502) (-)

Ion 129.00 (128.70 to 129.70): BM000619.D (-502) (-)

Ion 127.00 (126.70 to 127.70): BM000619.D (-502) (-)





#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.35 min Scan# 694

Delta R.T. 0.23 min

Lab File: BM000619.D

Acq: 27 Feb 2015 22:41

Instrument :

BNA_M

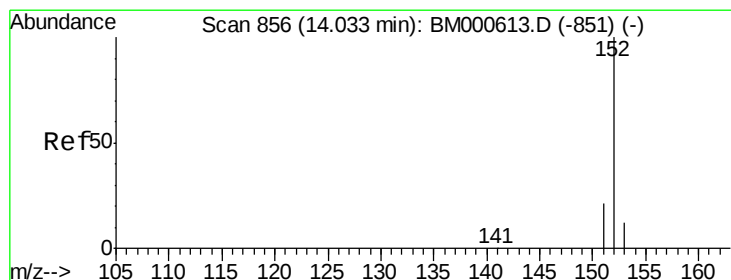
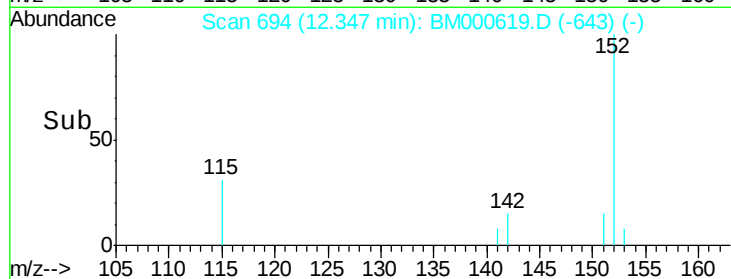
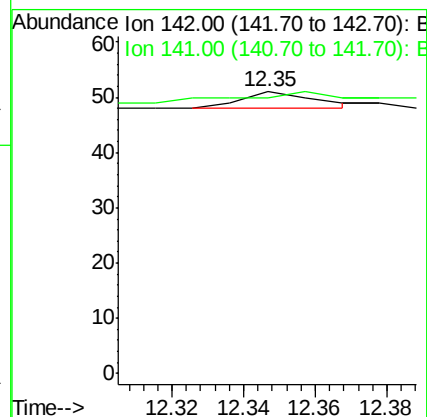
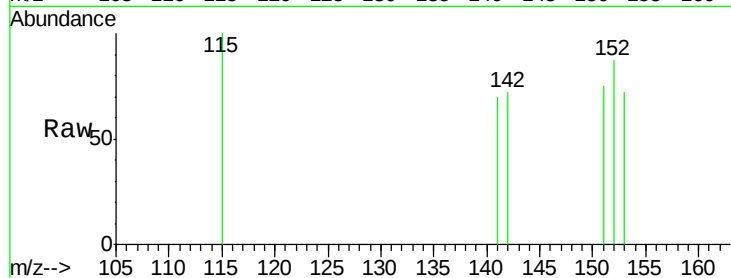
ClientSampled :

Tgt Ion:142 Resp: 4

Ion Ratio Lower Upper

142 100

141 100.0 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: BM000619.D

Acq: 27 Feb 2015 22:41

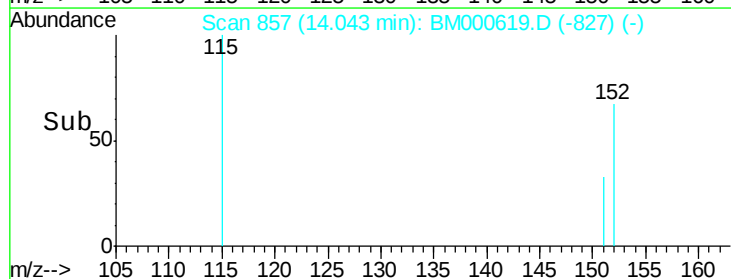
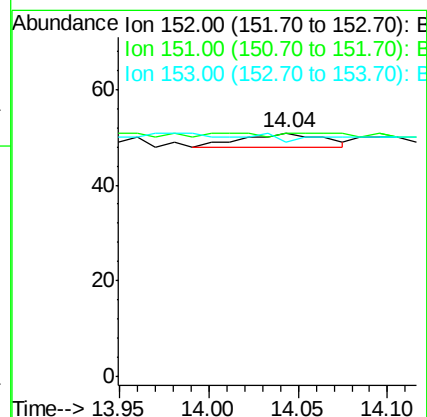
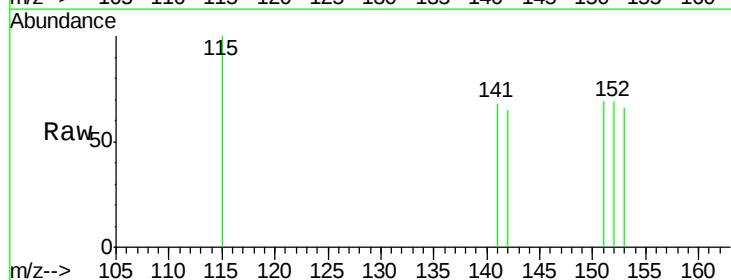
Tgt Ion:152 Resp: 9

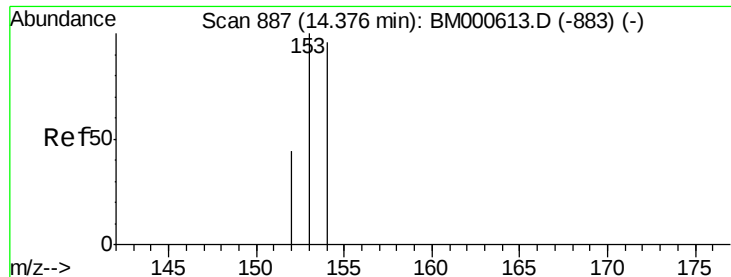
Ion Ratio Lower Upper

152 100

151 100.0 17.0 25.6#

153 96.1 9.9 14.9#





#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.38 min Scan# 887

Delta R.T. -0.00 min

Lab File: BM000619.D

Acq: 27 Feb 2015 22:41

Instrument :

BNA_M

ClientSampleId :

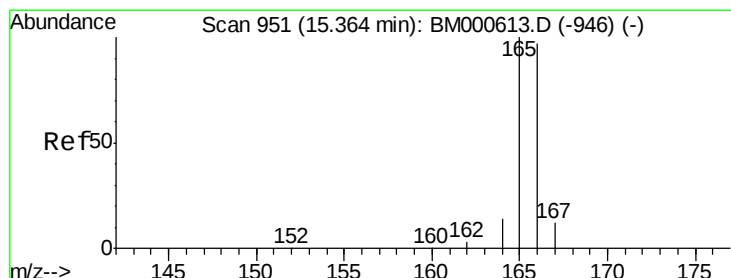
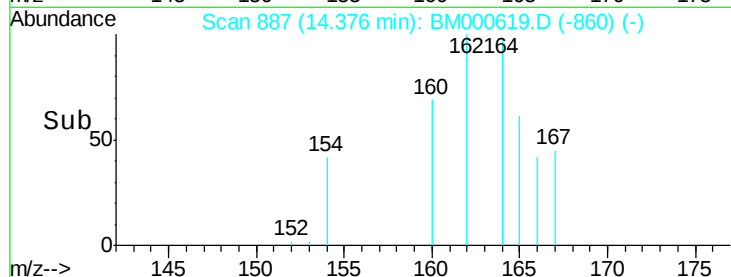
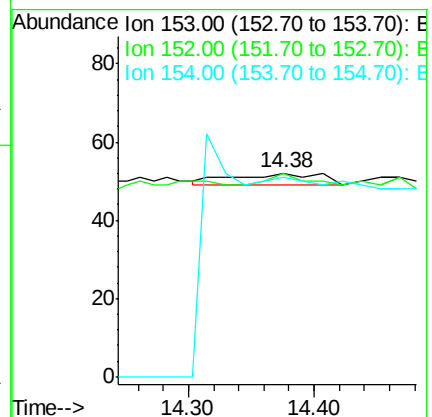
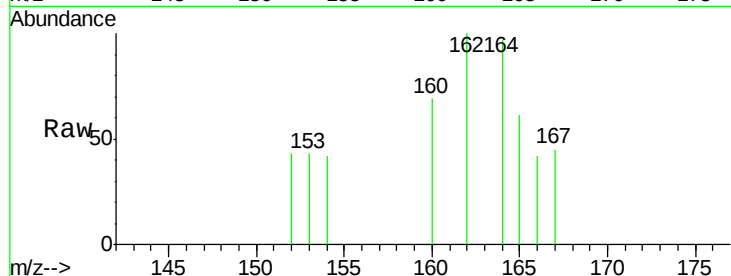
Tgt Ion:153 Resp: 14

Ion Ratio Lower Upper

153 100

152 100.0 35.9 53.9#

154 98.1 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: BM000619.D

Acq: 27 Feb 2015 22:41

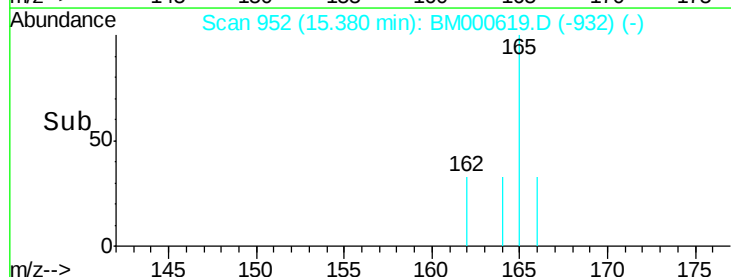
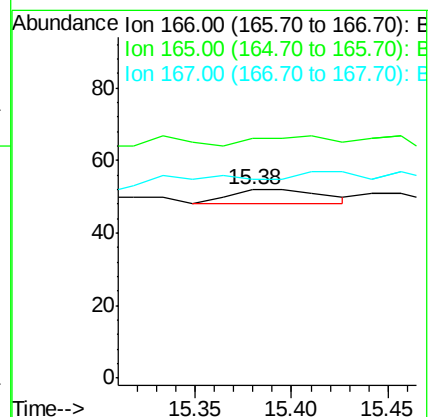
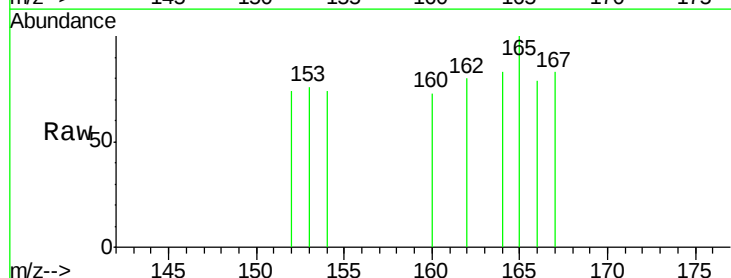
Tgt Ion:166 Resp: 14

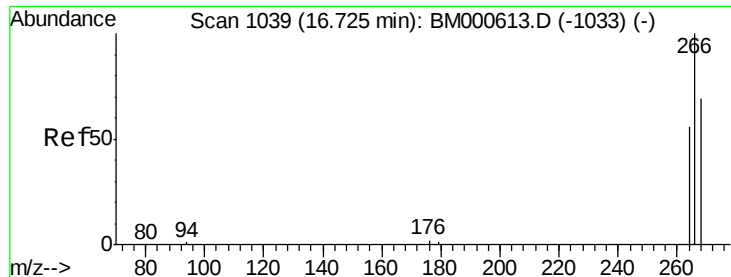
Ion Ratio Lower Upper

166 100

165 126.9 82.5 123.7#

167 105.8 10.6 16.0#

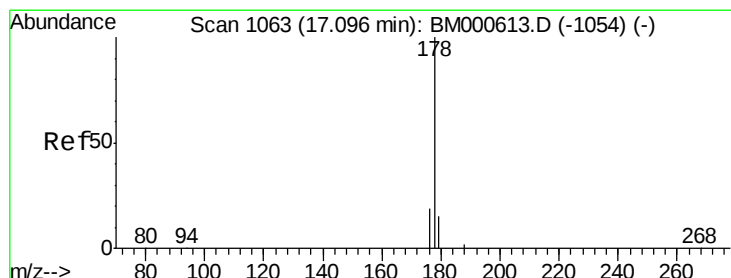
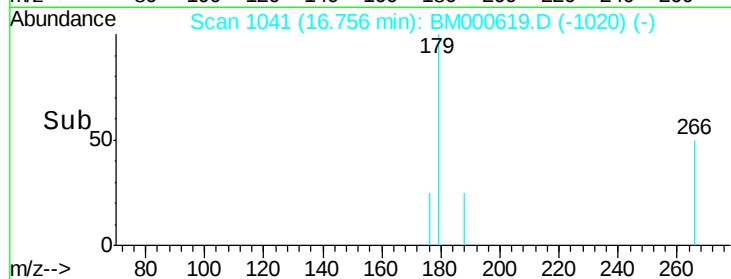
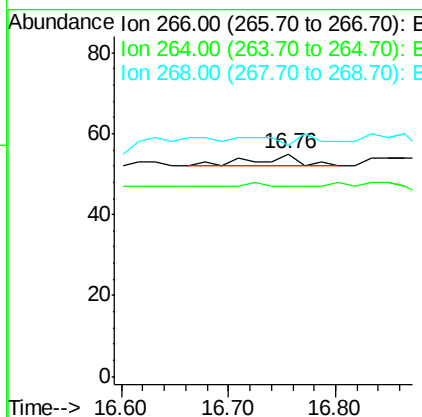
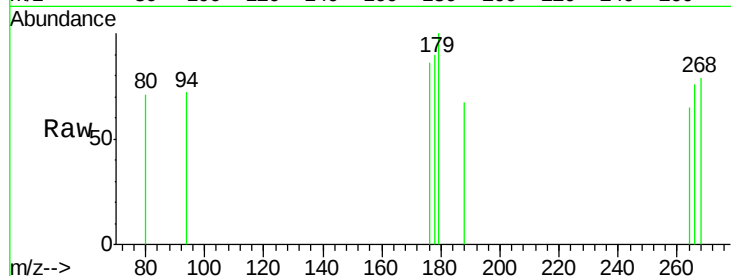




#13
 Pentachlorophenol
 Concen: 0.01 ng/ul
 RT: 16.76 min Scan# 1041
 Delta R.T. 0.03 min
 Lab File: BM000619.D
 Acq: 27 Feb 2015 22:41

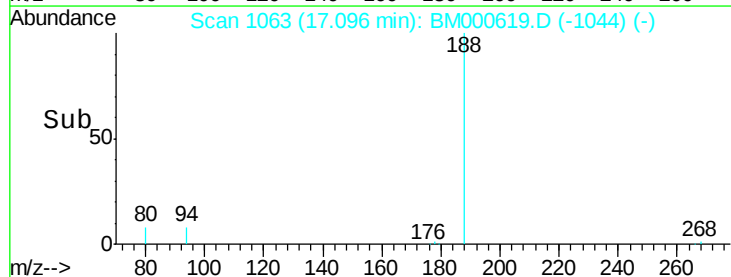
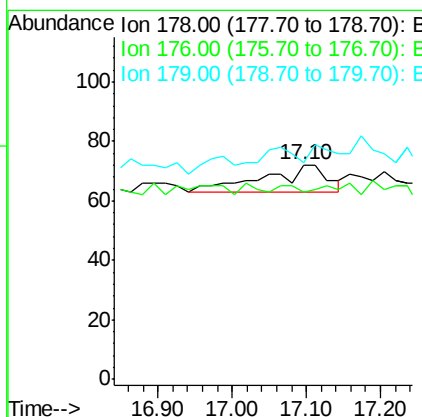
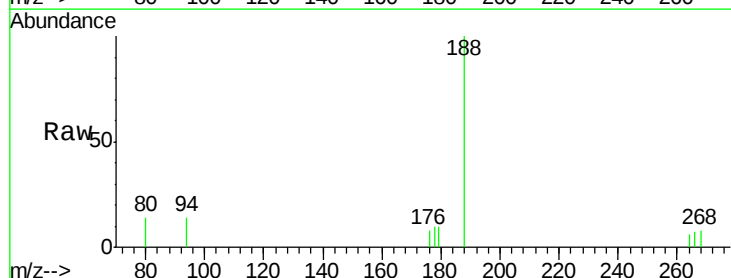
Instrument :
 BNA_M
 ClientSampleId :

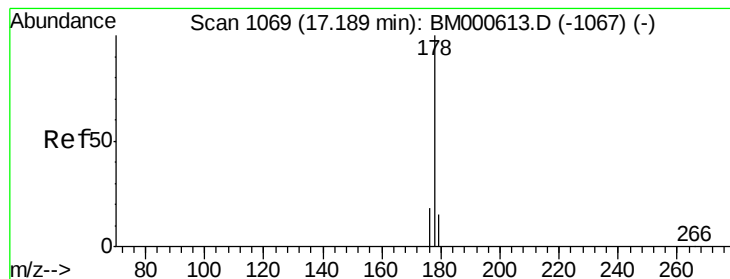
Tgt Ion: 266 Resp: 8
 Ion Ratio Lower Upper
 266 100
 264 0.0 51.0 76.6#
 268 62.5 54.9 82.3



#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 17.10 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BM000619.D
 Acq: 27 Feb 2015 22:41

Tgt Ion: 178 Resp: 55
 Ion Ratio Lower Upper
 178 100
 176 87.5 15.3 22.9#
 179 101.4 12.2 18.2#





#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.16 min Scan# 1067

Delta R.T. -0.03 min

Lab File: BM000619.D

Acq: 27 Feb 2015 22:41

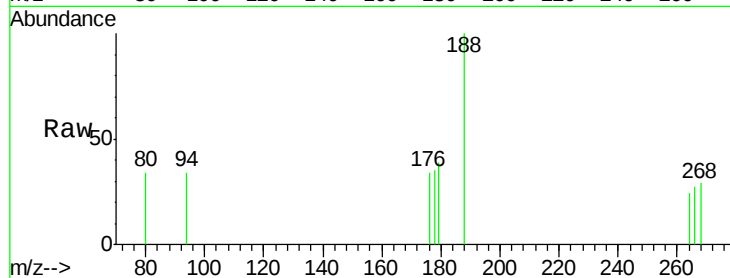
Instrument :

BNA_M

ClientSampleId :

Tgt Ion:178 Resp: 5

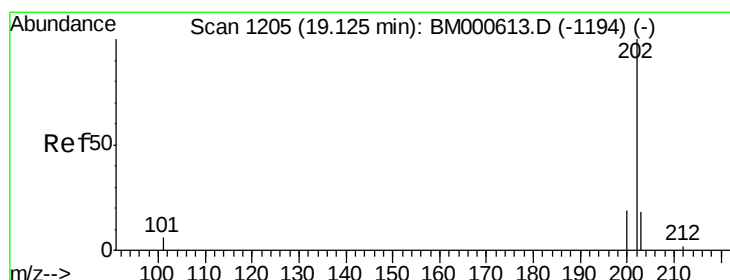
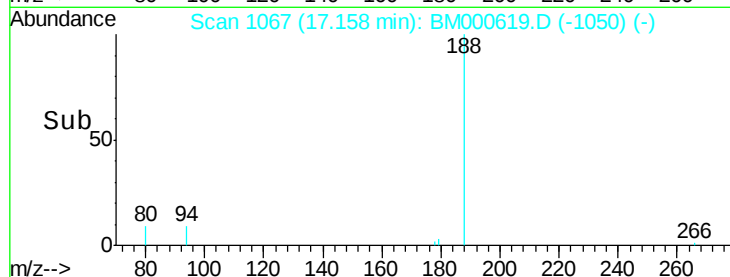
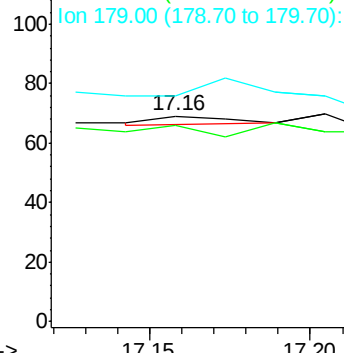
Ion	Ratio	Lower	Upper
178	100		
176	95.7	14.6	22.0#
179	110.1	12.9	19.3#



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# 1205

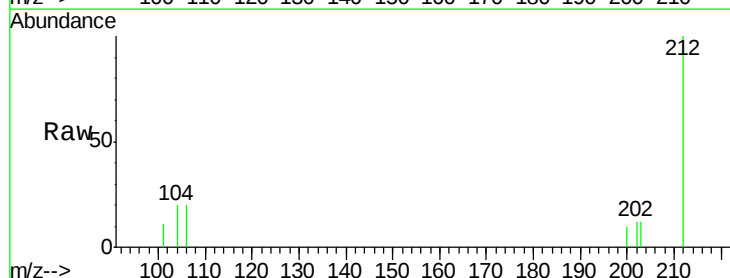
Delta R.T. -0.00 min

Lab File: BM000619.D

Acq: 27 Feb 2015 22:41

Tgt Ion:202 Resp: 31

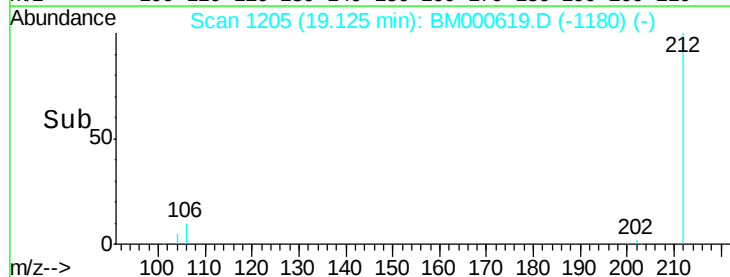
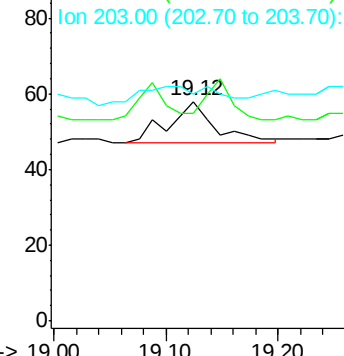
Ion	Ratio	Lower	Upper
202	100		
101	94.8	0.0	26.2#
203	103.4	0.0	38.3#

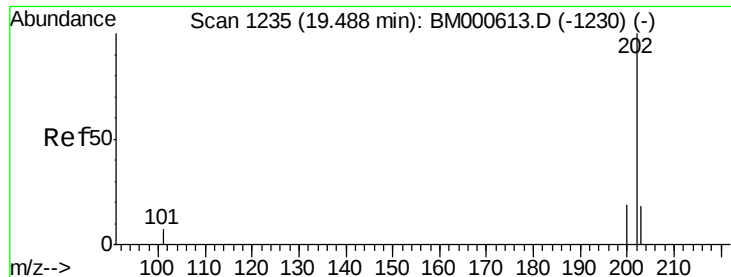


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.00 min

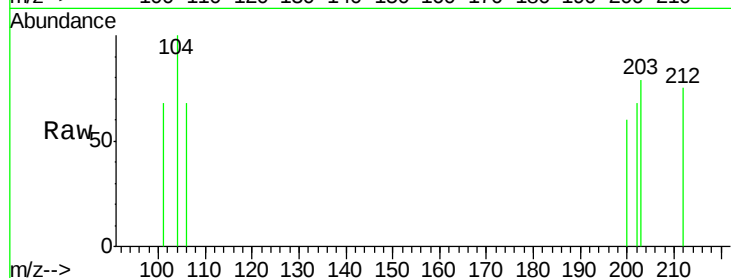
Lab File: BM000619.D

Acq: 27 Feb 2015 22:41

Instrument :

BNA_M

ClientSampleId :



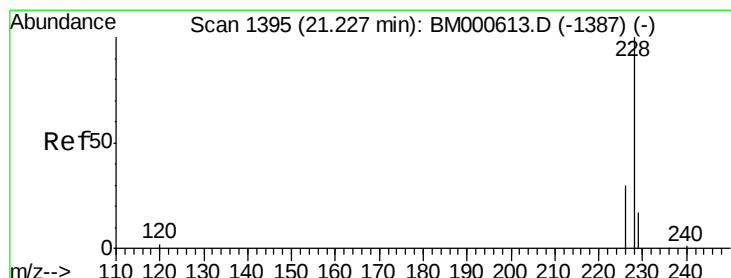
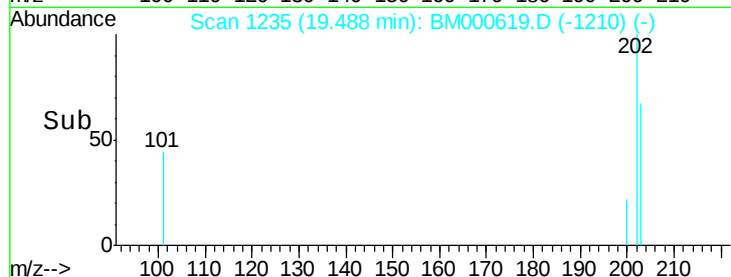
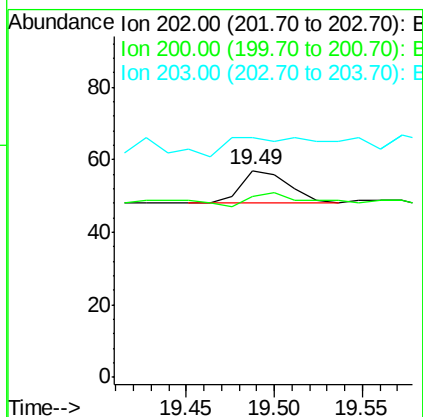
Tgt Ion:202 Resp: 17

Ion Ratio Lower Upper

202 100

200 87.7 15.7 23.5#

203 115.8 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: BM000619.D

Acq: 27 Feb 2015 22:41

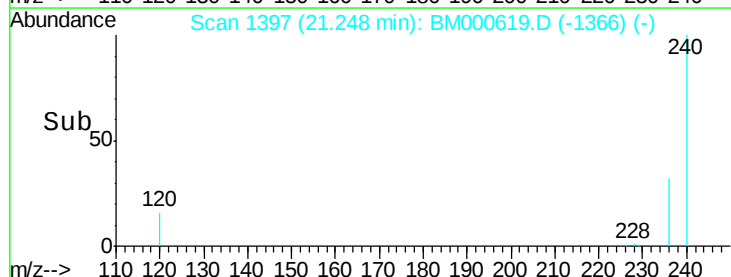
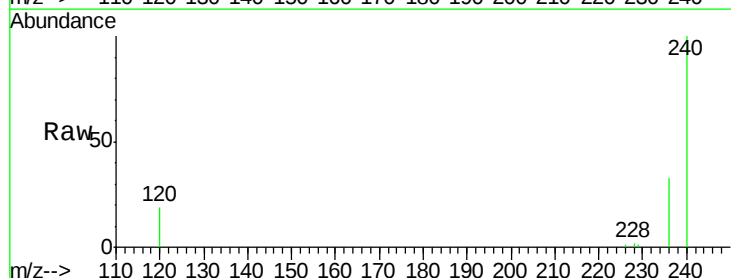
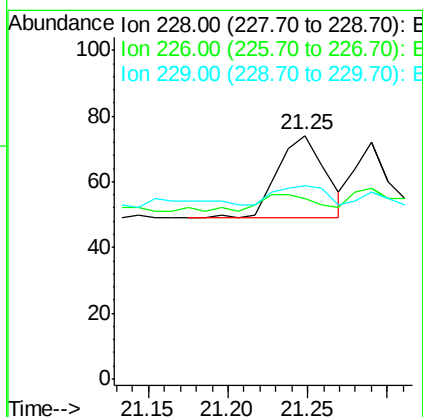
Tgt Ion:228 Resp: 52

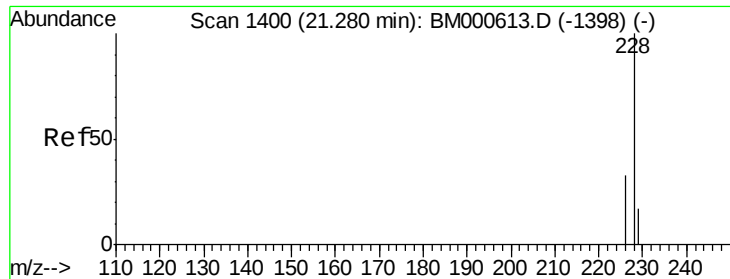
Ion Ratio Lower Upper

228 100

226 74.3 24.1 36.1#

229 79.7 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: BM000619.D

Acq: 27 Feb 2015 22:41

Instrument :

BNA_M

ClientSampleId :

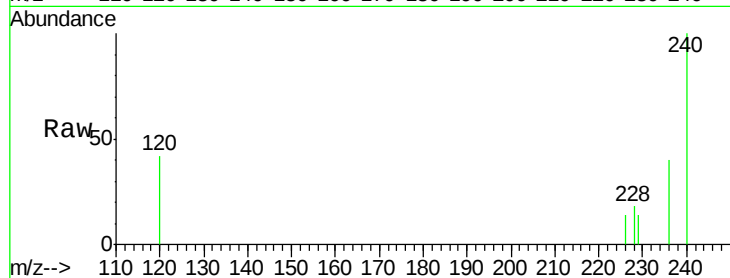
Tgt Ion:228 Resp: 33

Ion Ratio Lower Upper

228 100

226 80.6 26.5 39.7#

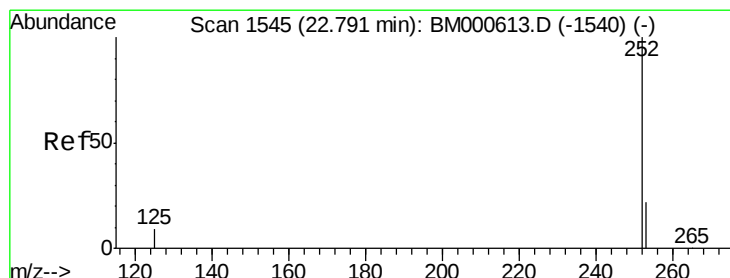
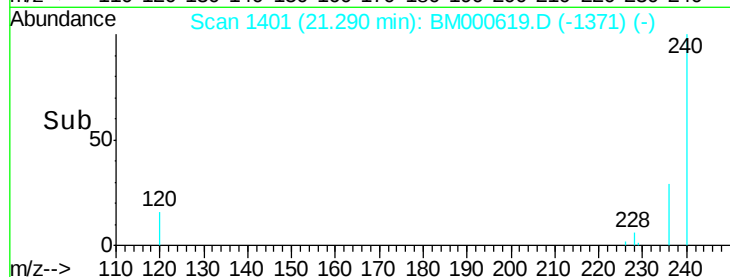
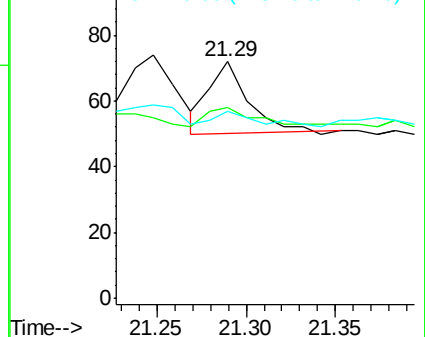
229 79.2 14.3 21.5#



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: 0.02 ng/ul

RT: 22.61 min Scan# 1528

Delta R.T. -0.18 min

Lab File: BM000619.D

Acq: 27 Feb 2015 22:41

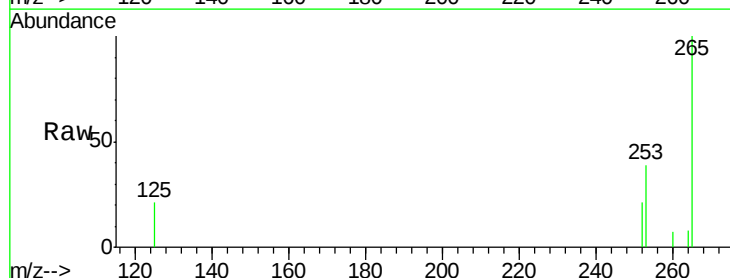
Tgt Ion:252 Resp: 477

Ion Ratio Lower Upper

252 100

253 187.2 0.0 51.2#

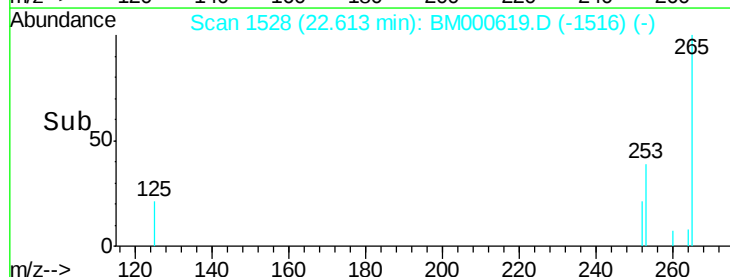
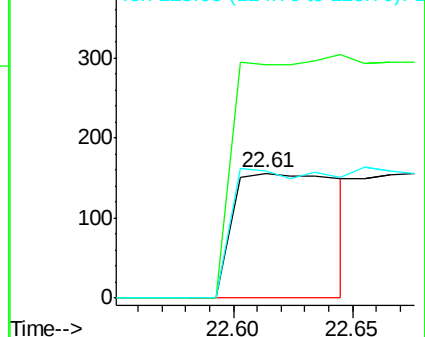
125 101.9 0.0 22.8#

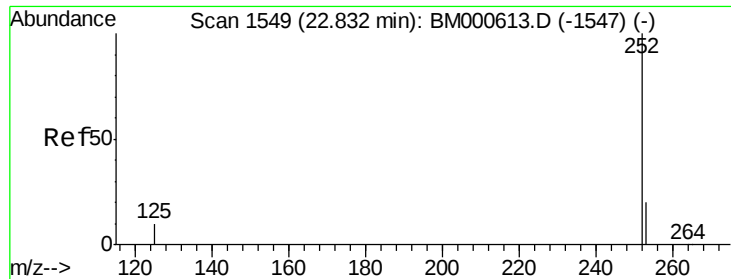


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.02 ng/u1

RT: 22.61 min Scan# 1528

Delta R.T. -0.22 min

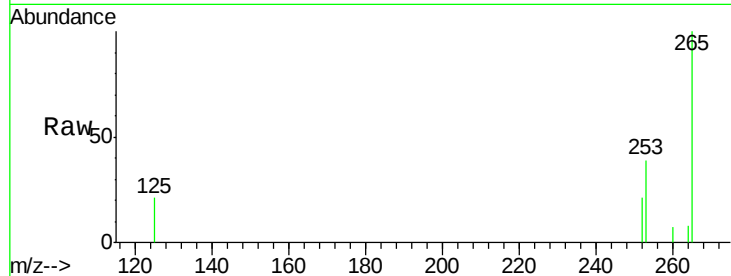
Lab File: BM000619.D

Acq: 27 Feb 2015 22:41

Instrument :

BNA_M

ClientSampleId :



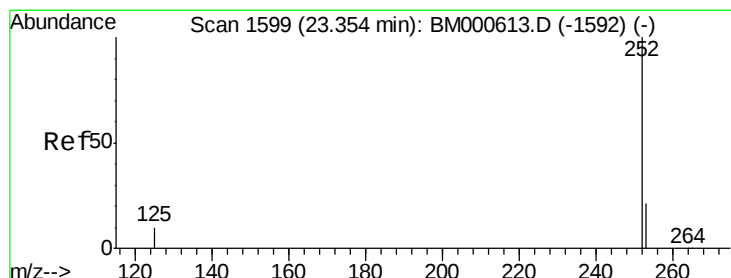
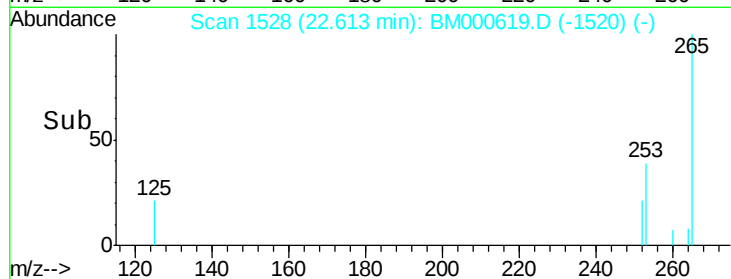
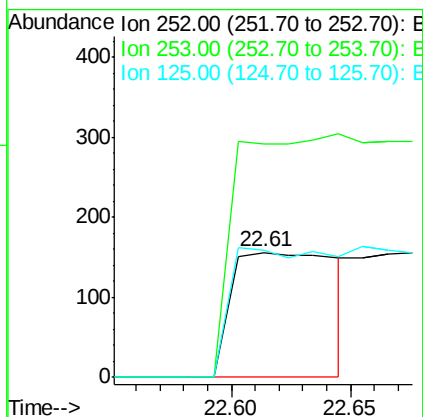
Tgt Ion:252 Resp: 477

Ion Ratio Lower Upper

252 100

253 187.2 20.2 30.2#

125 101.9 9.6 14.4#



#25

Benzo(a)pyrene

Concen: 0.00 ng/u1

RT: 23.37 min Scan# 1601

Delta R.T. 0.02 min

Lab File: BM000619.D

Acq: 27 Feb 2015 22:41

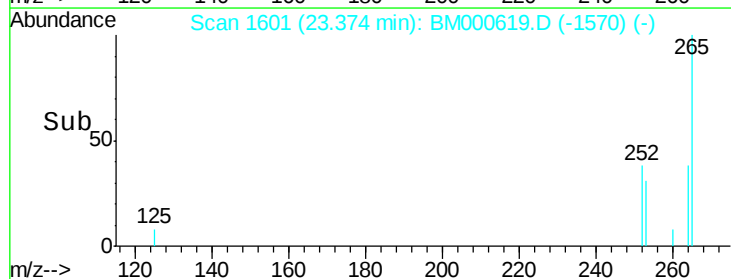
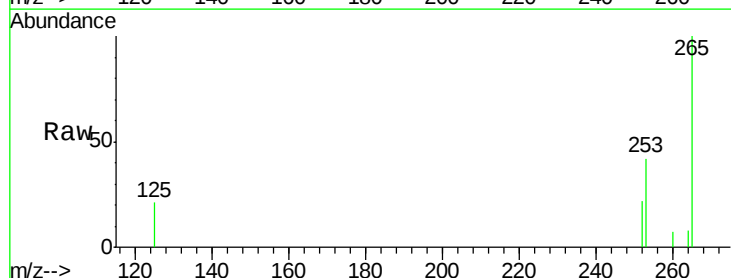
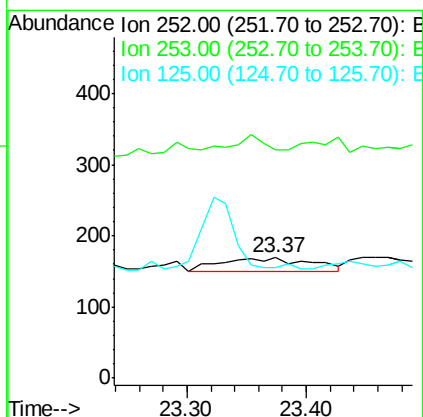
Tgt Ion:252 Resp: 99

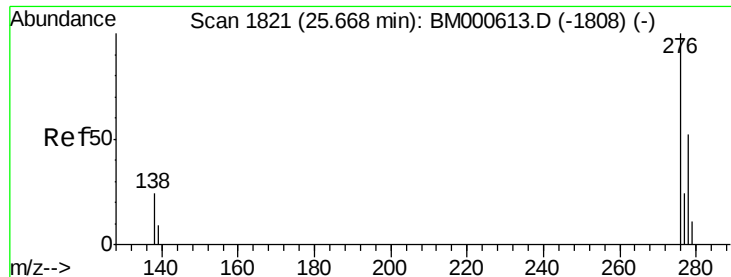
Ion Ratio Lower Upper

252 100

253 189.3 21.3 31.9#

125 91.7 10.6 15.8#





#26

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.69 min Scan# 1823

Delta R.T. 0.02 min

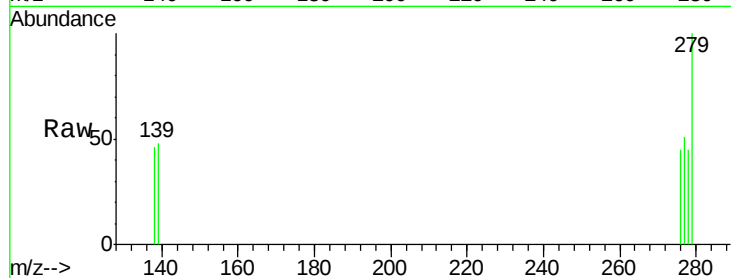
Lab File: BM000619.D

Acq: 27 Feb 2015 22:41

Instrument :

BNA_M

ClientSampleId :



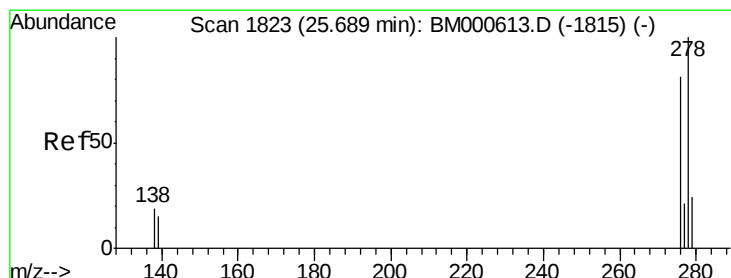
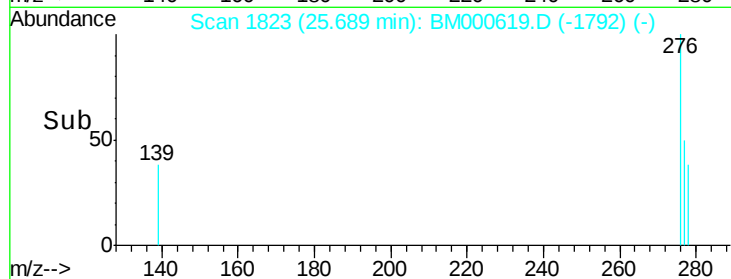
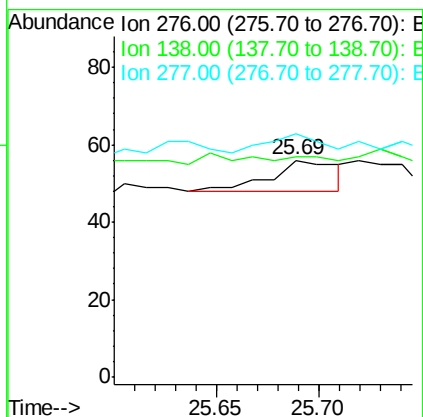
Tgt Ion: 276 Resp: 19

Ion Ratio Lower Upper

276 100

138 0.0 19.7 29.5#

277 47.4 19.9 29.9#



#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.71 min Scan# 1825

Delta R.T. 0.02 min

Lab File: BM000619.D

Acq: 27 Feb 2015 22:41

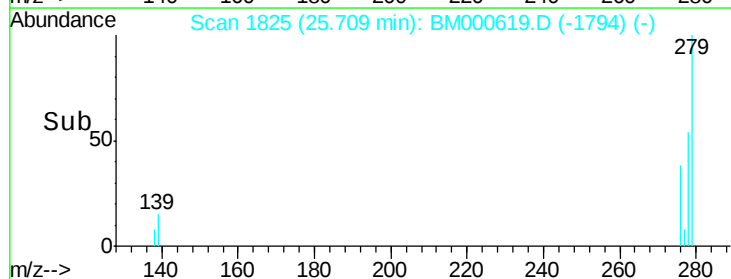
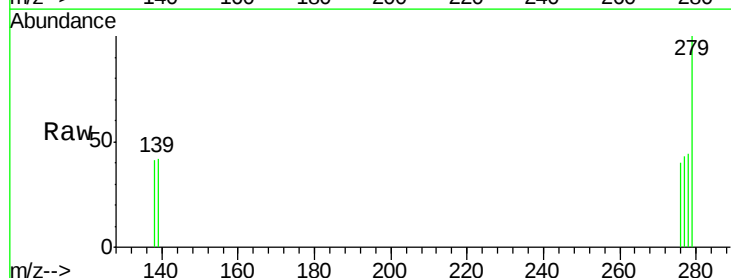
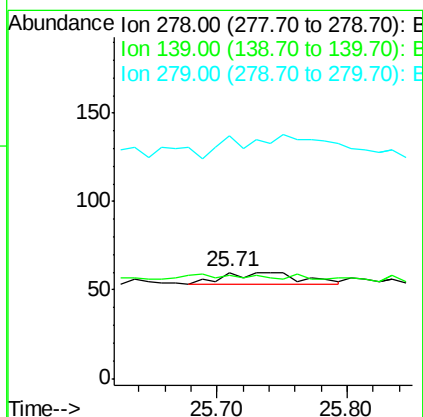
Tgt Ion: 278 Resp: 30

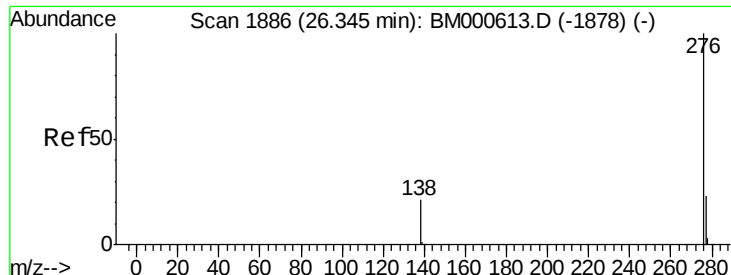
Ion Ratio Lower Upper

278 100

139 96.7 13.3 19.9#

279 228.3 21.9 32.9#





#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.24 min Scan# 1876

Delta R.T. -0.10 min

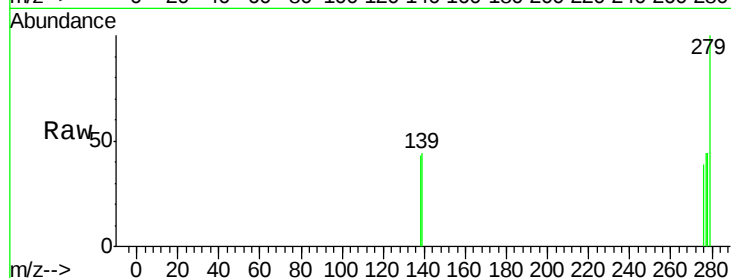
Lab File: BM000619.D

Acq: 27 Feb 2015 22:41

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	276	Resp:	1
Ion	Ratio	Lower	Upper
276	100		
277	114.0	19.8	29.8#
138	112.0	17.8	26.6#

