

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092415\
 Data File : BM002716.D
 Acq On : 24 Sep 2015 17:39
 Operator : UM/IZ
 Sample : G3741-06MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHAF7MS

Quant Time: Sep 25 02:01:35 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 24 17:00:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	13183	0.40	ng/ul	0.00
4) Naphthalene-d8	11.60	136	51884	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	41802	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	61694	0.40	ng/ul	0.00
18) Chrysene-d12	22.12	240	53945	0.40	ng/ul	0.00
22) Perylene-d12	24.72	264	50129	0.40	ng/ul	0.00

System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.76	96	212	0.02	ng/uL	-0.05
6) 2-Methylnaphthalene-d10	13.13	152	36388	0.48	ng/ul	0.00
16) Fluoranthene-d10	20.00	212	50532	0.33	ng/ul	-0.01

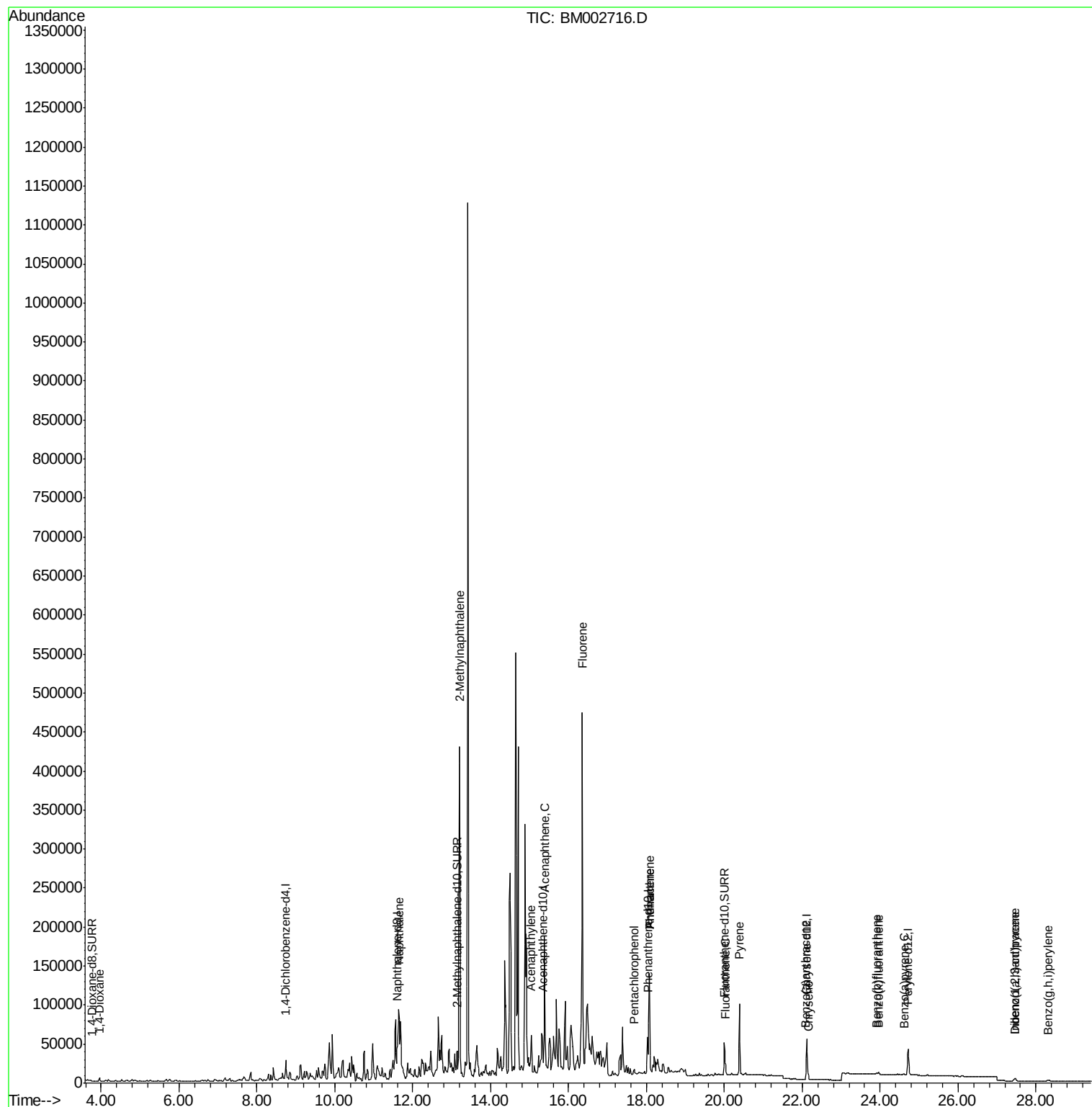
Target Compounds				Ovalue		
3) 1,4-Dioxane	3.96	88	76	0.00	ng/ul#	1
5) Naphthalene	11.64	128	209880	1.49	ng/ul#	61
7) 2-Methylnaphthalene	13.20	142	335990	3.71	ng/ul	98
9) Acenaphthylene	15.04	152	28174	0.13	ng/ul#	1
10) Acenaphthene	15.38	153	103832	0.66	ng/ul	98
11) Fluorene	16.36	166	314654	1.75	ng/ul	86
13) Pentachlorophenol	17.69	266	5614	0.47	ng/ul	97
14) Phenanthrene	18.08	178	152020	0.76	ng/ul#	94
15) Anthracene	18.08	178	146751	0.79	ng/ul	95
17) Fluoranthene	20.04	202	15868	0.07	ng/ul	69
19) Pyrene	20.39	202	84080	0.40	ng/ul	96
20) Benzo(a)anthracene	22.10	228	4795	0.03	ng/ul#	70
21) Chrysene	22.16	228	4783	0.03	ng/ul#	74
23) Benzo(b)fluoranthene	23.91	252	3712	0.02	ng/ul#	1
24) Benzo(k)fluoranthene	23.96	252	3084	0.02	ng/ul#	1
25) Benzo(a)pyrene	24.61	252	3360	0.02	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	27.45	276	4022	0.02	ng/ul	94
27) Dibenzo(a,h)anthracene	27.46	278	3174	0.02	ng/ul#	1
28) Benzo(g,h,i)perylene	28.31	276	3447	0.02	ng/ul#	32

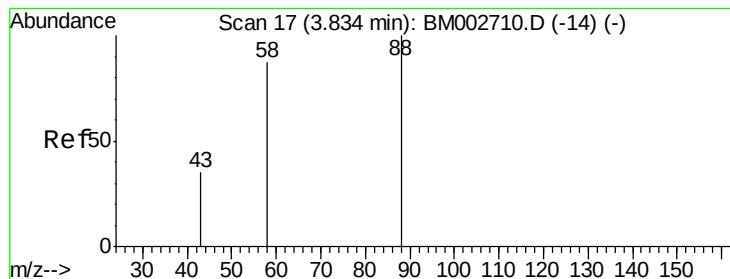
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

1,4-Dioxane

Concen: 0.00 ng/ul

RT: 3.96 min Scan# 25

Delta R.T. 0.12 min

Lab File: BM002716.D

Acq: 24 Sep 2015 17:39

Instrument :

BNA_M

ClientSampleId :

JHAF7MS

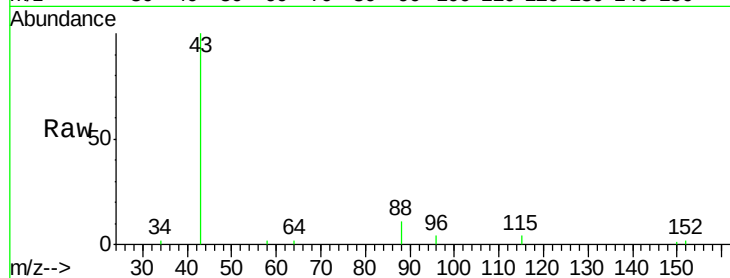
Tot Ion: 88 Resp: 76

Ion Ratio Lower Upper

88 100

58 25.0 55.4 83.2#

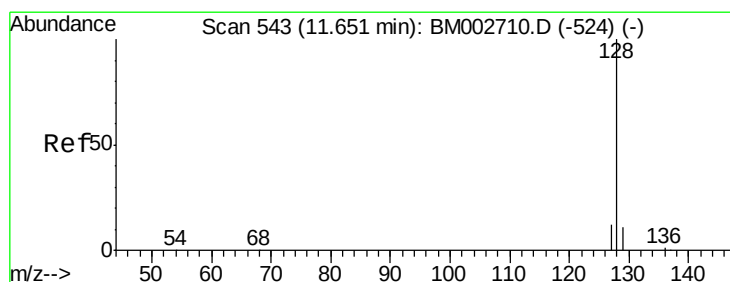
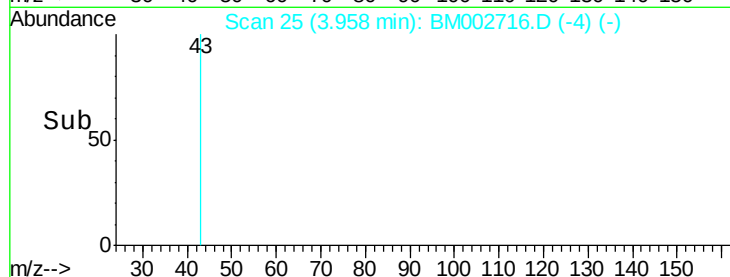
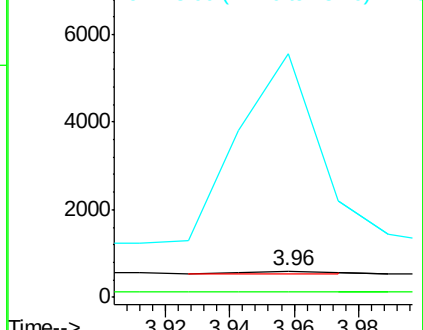
43 9764.5 24.2 36.2#



Abundance Ion 88.00 (87.70 to 88.70): BM002716.D (-14) (-)

Ion 58.00 (57.70 to 58.70): BM002716.D (-14) (-)

Ion 43.00 (42.70 to 43.70): BM002716.D (-14) (-)



#5

Naphthalene

Concen: 1.49 ng/ul

RT: 11.64 min Scan# 542

Delta R.T. -0.01 min

Lab File: BM002716.D

Acq: 24 Sep 2015 17:39

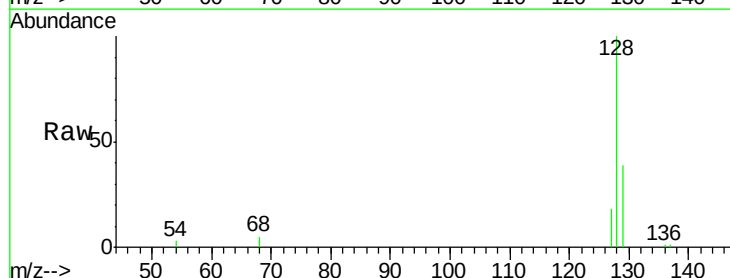
Tgt Ion: 128 Resp: 209880

Ion Ratio Lower Upper

128 100

129 38.8 9.8 14.8#

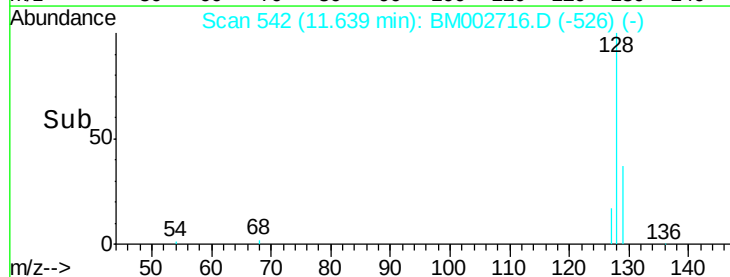
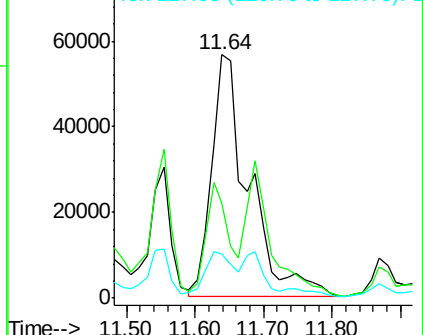
127 18.1 10.7 16.1#

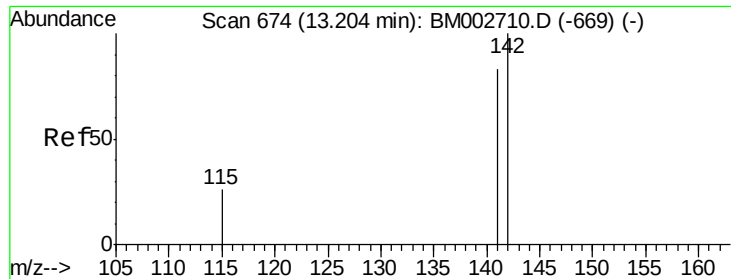


Abundance Ion 128.00 (127.70 to 128.70): BM002716.D (-524) (-)

Ion 129.00 (128.70 to 129.70): BM002716.D (-524) (-)

Ion 127.00 (126.70 to 127.70): BM002716.D (-524) (-)





#7

2-Methylnaphthalene

Concen: 3.71 ng/ul

RT: 13.20 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM002716.D

Acq: 24 Sep 2015 17:39

Instrument :

BNA_M

ClientSampleId :

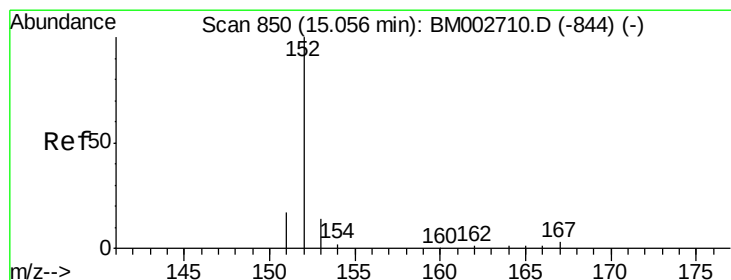
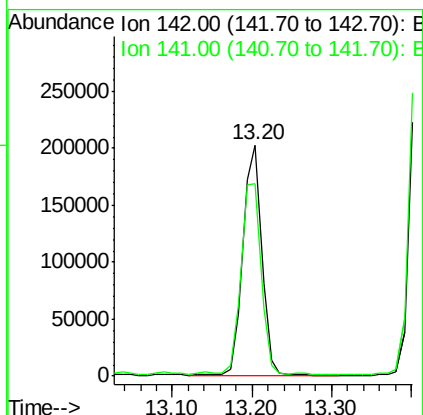
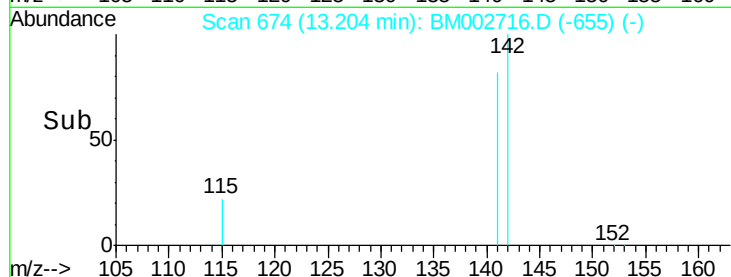
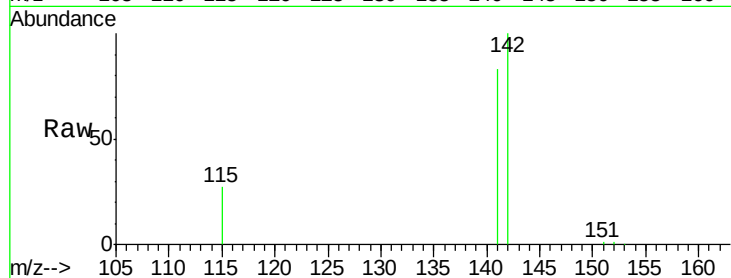
JHAF7MS

Tot Ion:142 Resp: 335990

Ion Ratio Lower Upper

142 100

141 90.2 70.3 105.5



#9

Acenaphthylene

Concen: 0.13 ng/ul

RT: 15.04 min Scan# 849

Delta R.T. -0.02 min

Lab File: BM002716.D

Acq: 24 Sep 2015 17:39

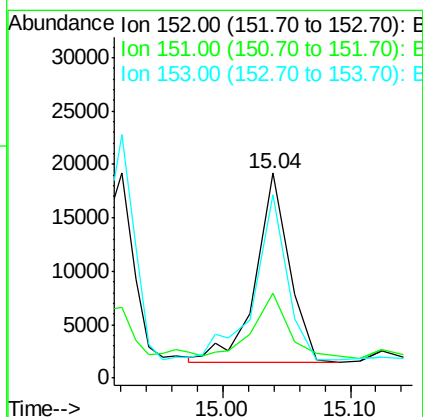
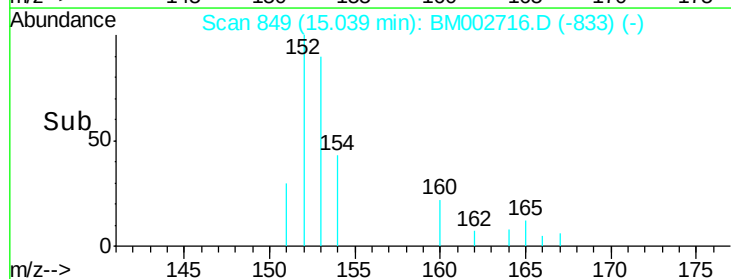
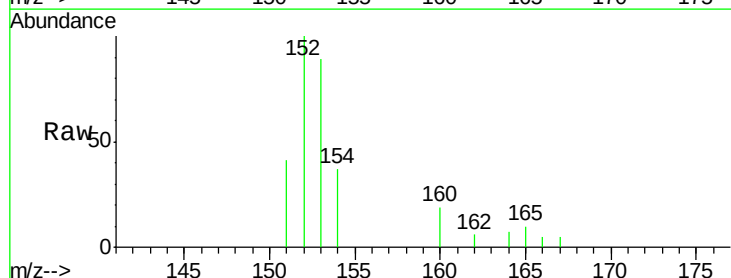
Tgt Ion:152 Resp: 28174

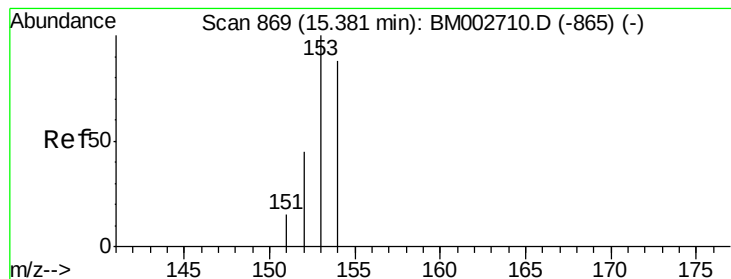
Ion Ratio Lower Upper

152 100

151 41.2 16.8 25.2#

153 89.4 11.3 16.9#





#10

Acenaphthene

Concen: 0.66 ng/ul

RT: 15.38 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM002716.D

Acq: 24 Sep 2015 17:39

Instrument :

BNA_M

ClientSampleId :

JHAF7MS

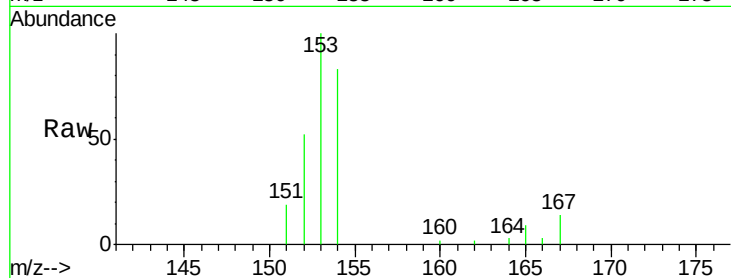
Tot Ion:153 Resp: 103832

Ion Ratio Lower Upper

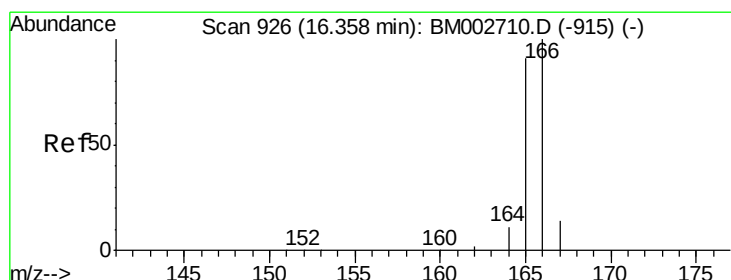
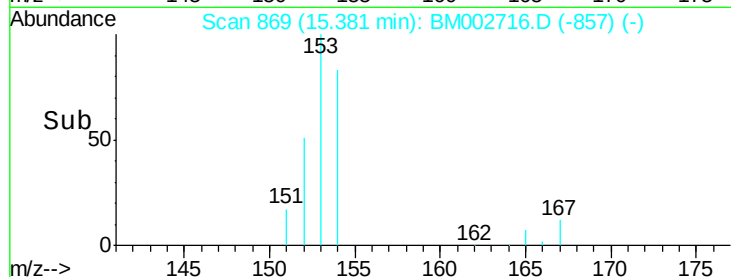
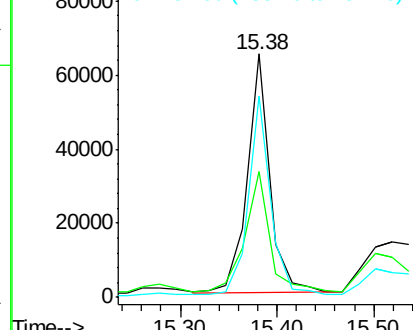
153 100

152 51.6 42.3 63.5

154 82.8 64.7 97.1



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: 1.75 ng/ul

RT: 16.36 min Scan# 926

Delta R.T. 0.00 min

Lab File: BM002716.D

Acq: 24 Sep 2015 17:39

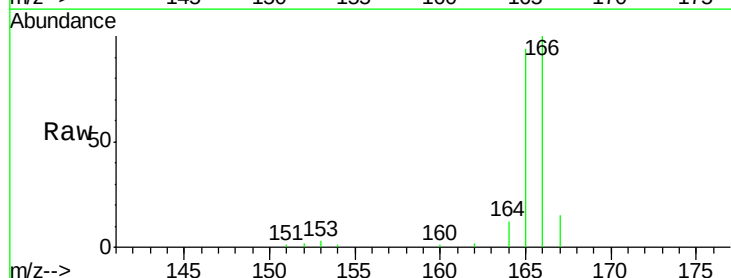
Tgt Ion:166 Resp: 314654

Ion Ratio Lower Upper

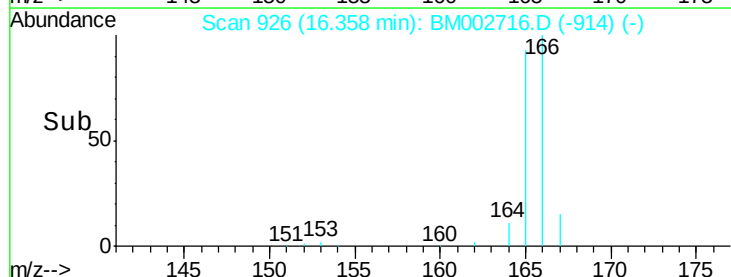
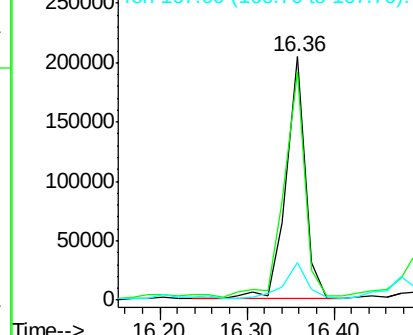
166 100

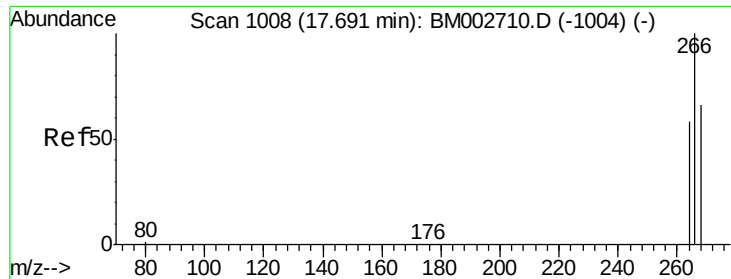
165 93.7 87.6 131.4

167 15.3 11.1 16.7



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

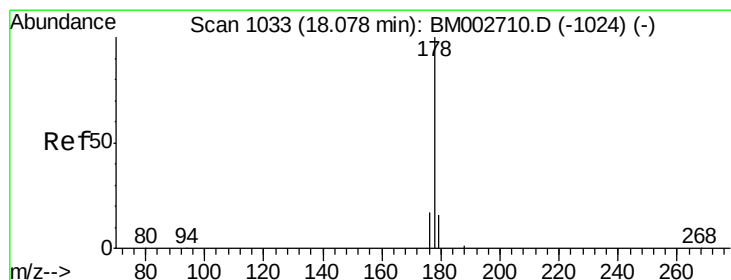
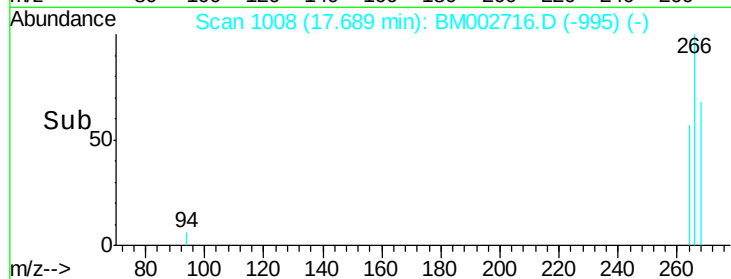
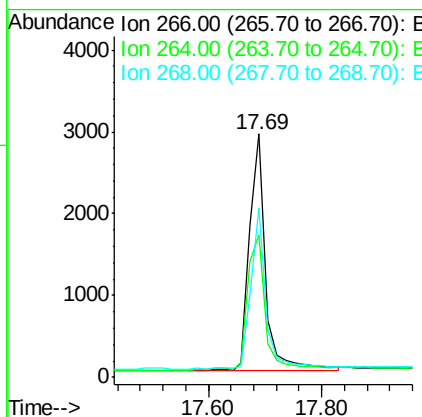
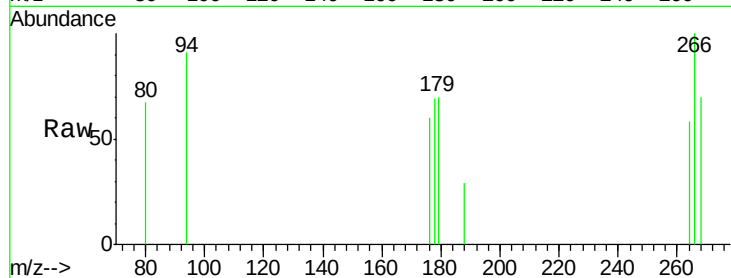




#13
 Pentachlorophenol
 Concen: 0.47 ng/ul
 RT: 17.69 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BM002716.D
 Acq: 24 Sep 2015 17:39

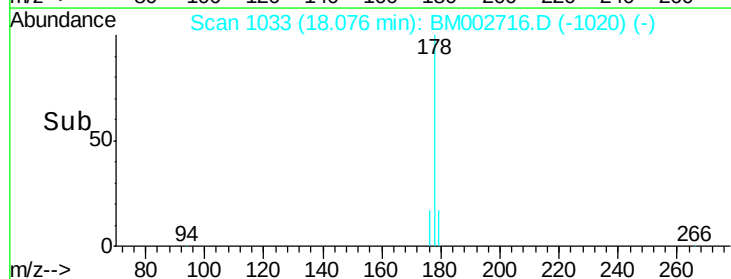
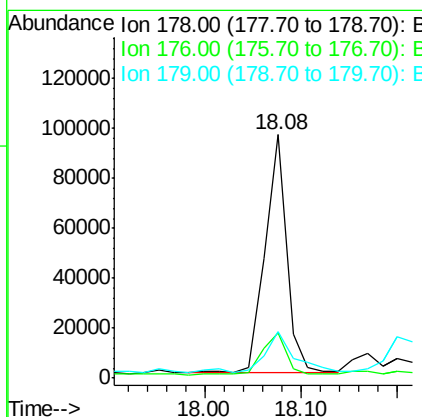
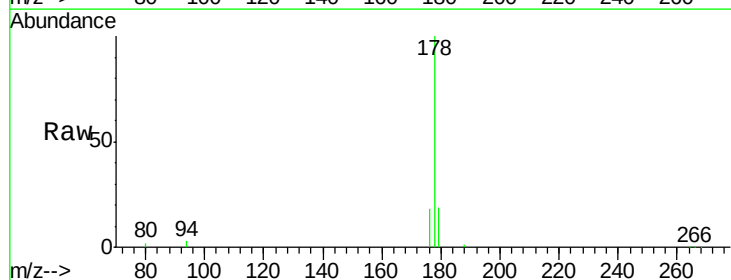
Instrument :
 BNA_M
 ClientSampleId :
 JHAF7MS

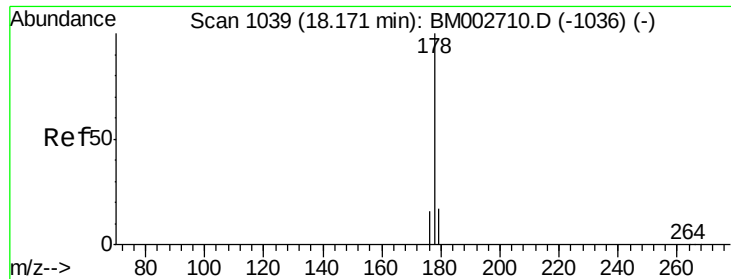
Tot Ion:266 Resp: 5614
 Ion Ratio Lower Upper
 266 100
 264 64.9 53.5 80.3
 268 64.6 54.2 81.2



#14
 Phenanthrene
 Concen: 0.76 ng/ul
 RT: 18.08 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BM002716.D
 Acq: 24 Sep 2015 17:39

Tgt Ion:178 Resp: 152020
 Ion Ratio Lower Upper
 178 100
 176 18.3 16.2 24.4
 179 19.3 12.8 19.2#





#15

Anthracene

Concen: 0.79 ng/ul

RT: 18.08 min Scan# 1033

Delta R.T. -0.09 min

Lab File: BM002716.D

Acq: 24 Sep 2015 17:39

Instrument :

BNA_M

ClientSampleId :

JHAF7MS

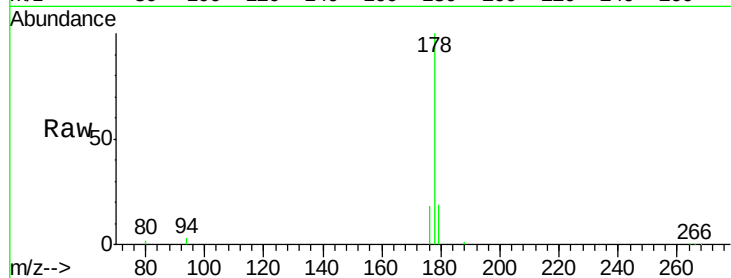
Tot Ion:178 Resp: 146751

Ion Ratio Lower Upper

178 100

176 18.3 15.8 23.8

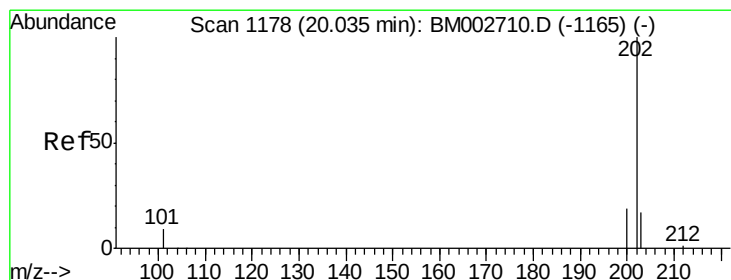
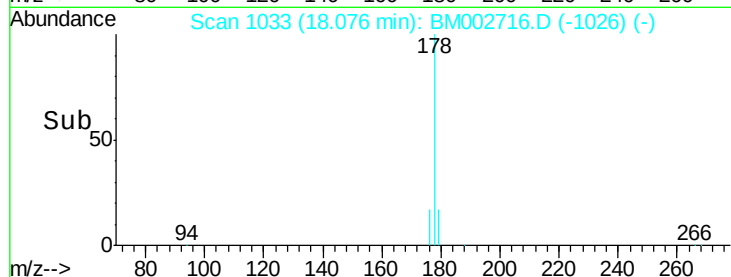
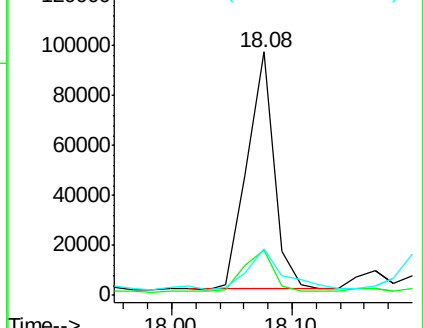
179 19.3 13.3 19.9



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: 0.07 ng/ul

RT: 20.04 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BM002716.D

Acq: 24 Sep 2015 17:39

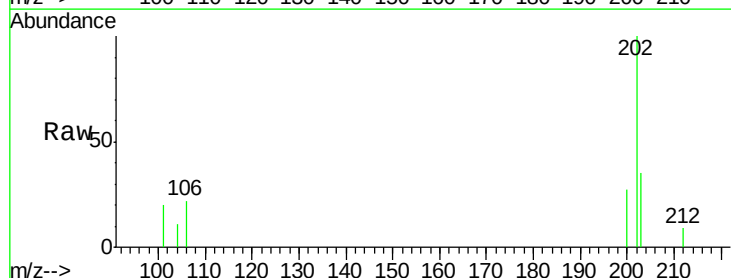
Tgt Ion:202 Resp: 15868

Ion Ratio Lower Upper

202 100

101 20.1 0.0 33.1

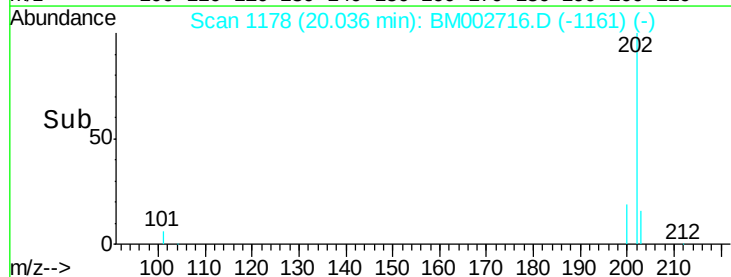
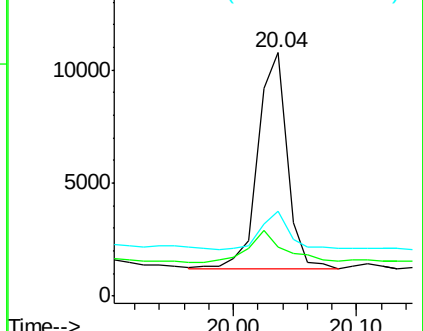
203 35.0 0.0 37.2

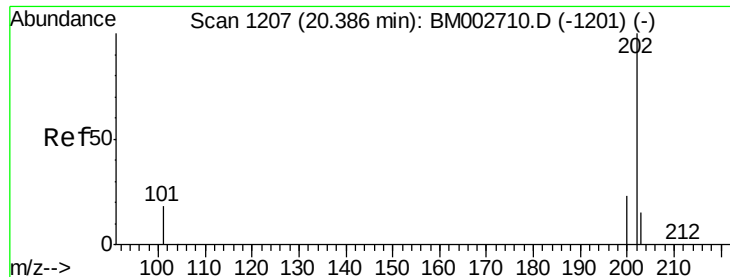


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pvrene

Concen: 0.40 ng/ul

RT: 20.39 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BM002716.D

Acq: 24 Sep 2015 17:39

Instrument :

BNA_M

ClientSampleId :

JHAF7MS

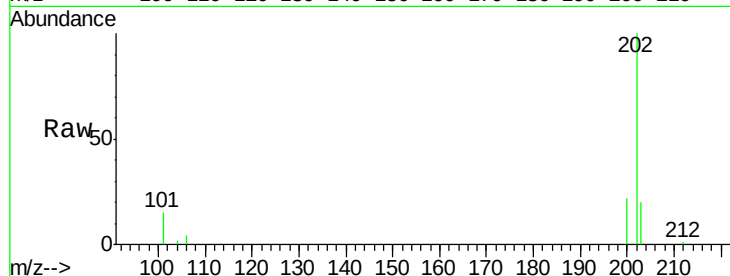
Tot Ion:202 Resp: 84080

Ion Ratio Lower Upper

202 100

200 21.8 18.0 27.0

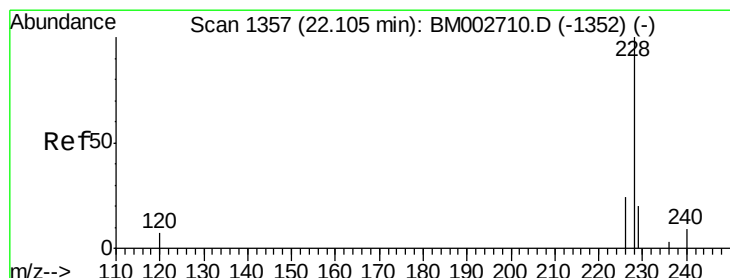
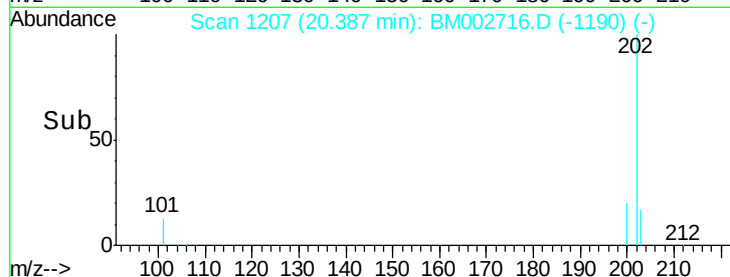
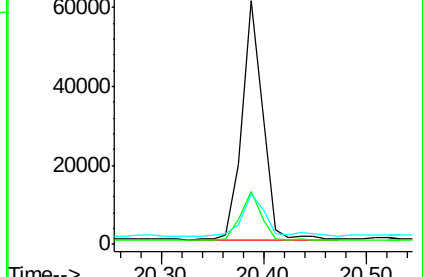
203 20.4 13.8 20.6



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: 0.03 ng/ul

RT: 22.10 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BM002716.D

Acq: 24 Sep 2015 17:39

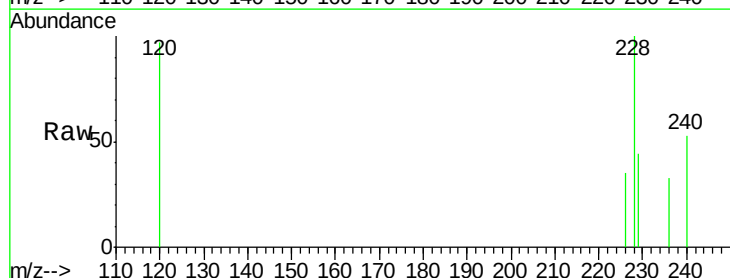
Tgt Ion:228 Resp: 4795

Ion Ratio Lower Upper

228 100

226 35.2 23.0 34.4#

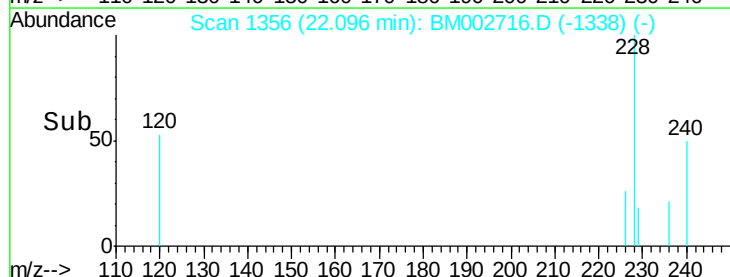
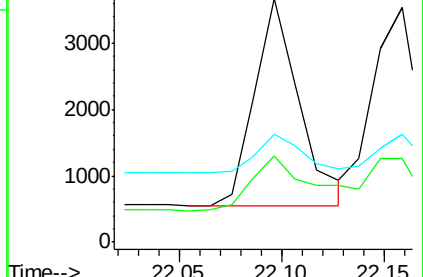
229 44.2 15.2 22.8#

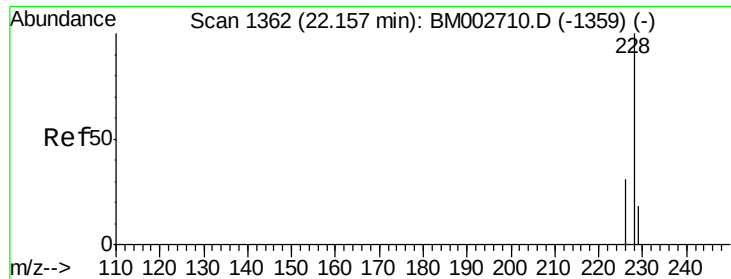


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.03 ng/ul

RT: 22.16 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BM002716.D

Acq: 24 Sep 2015 17:39

Instrument :

BNA_M

ClientSampleId :

JHAF7MS

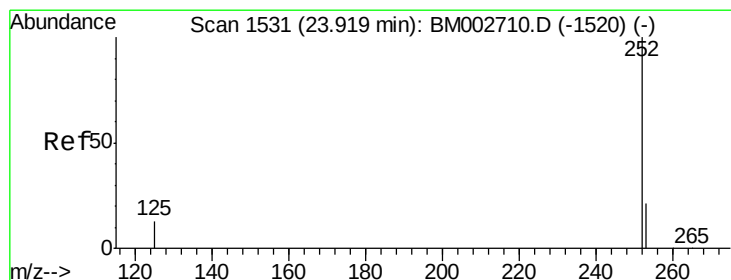
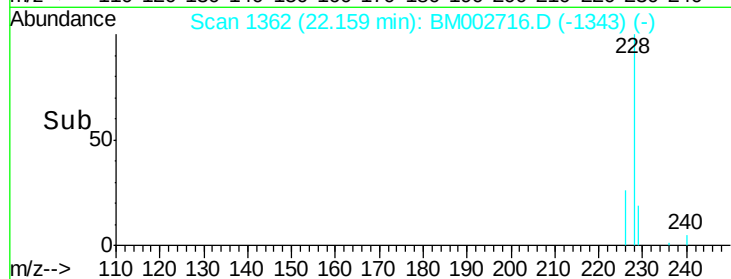
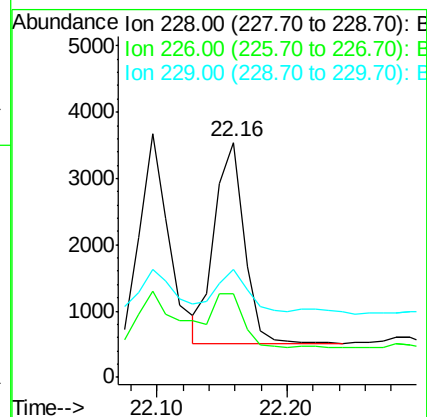
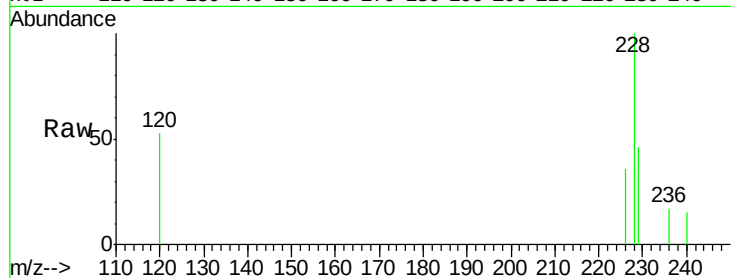
Tot Ion:228 Resp: 4783

Ion Ratio Lower Upper

228 100

226 35.7 25.7 38.5

229 45.7 15.2 22.8#



#23

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

RT: 23.91 min Scan# 1530

Delta R.T. -0.01 min

Lab File: BM002716.D

Acq: 24 Sep 2015 17:39

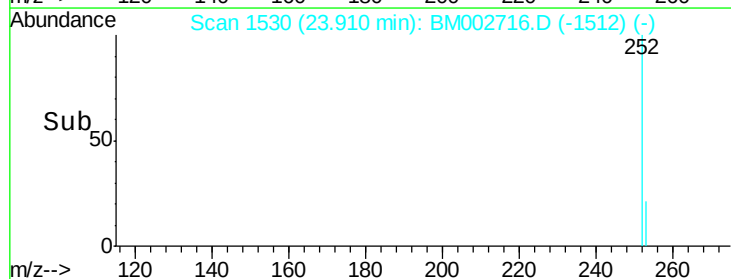
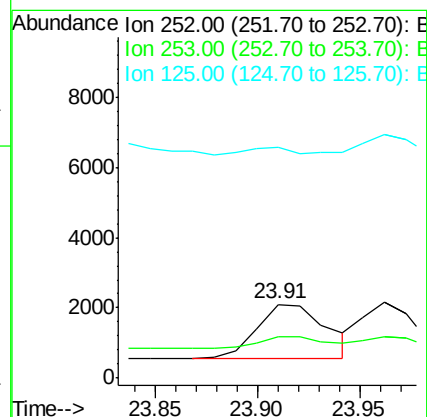
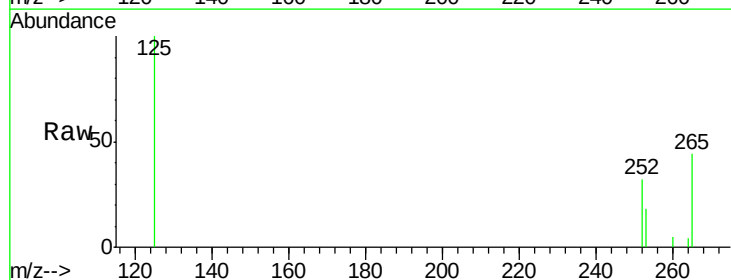
Tgt Ion:252 Resp: 3712

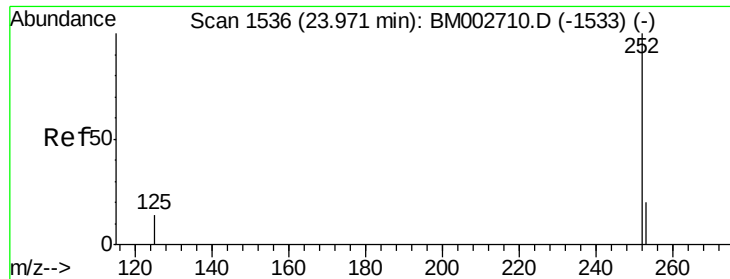
Ion Ratio Lower Upper

252 100

253 55.7 0.0 48.0#

125 311.4 0.0 36.6#





#24

Benzo(k)fluoranthene

Concen: 0.02 ng/ul

RT: 23.96 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BM002716.D

Acq: 24 Sep 2015 17:39

Instrument :

BNA_M

ClientSampleId :

JHAF7MS

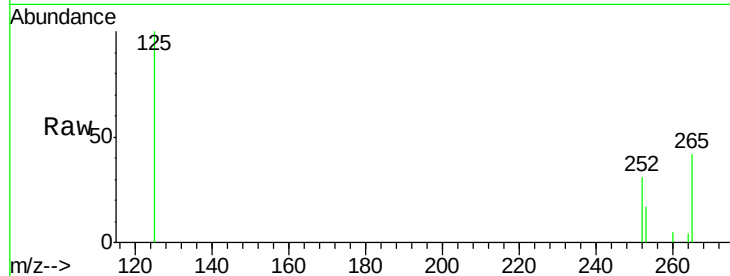
Tot Ion:252 Resp: 3084

Ion Ratio Lower Upper

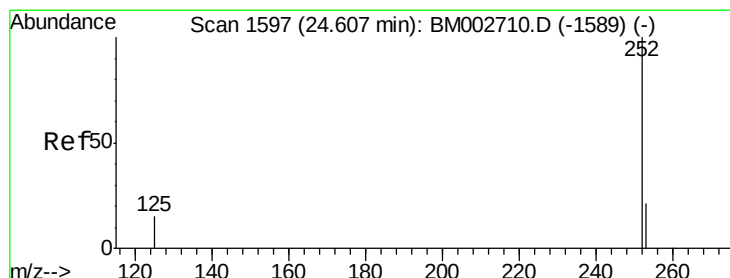
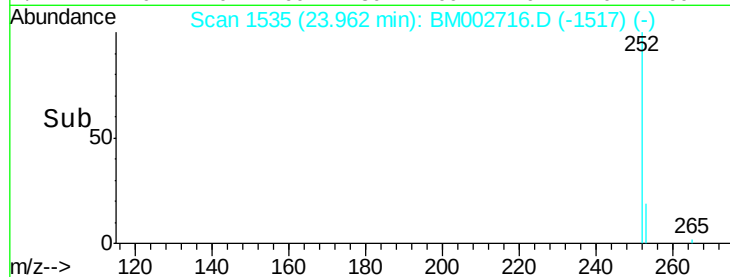
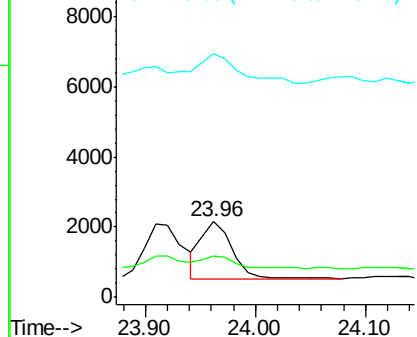
252 100

253 55.3 20.8 31.2#

125 321.8 12.2 18.4#



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



#25

Benzo(a)pyrene

Concen: 0.02 ng/ul

RT: 24.61 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BM002716.D

Acq: 24 Sep 2015 17:39

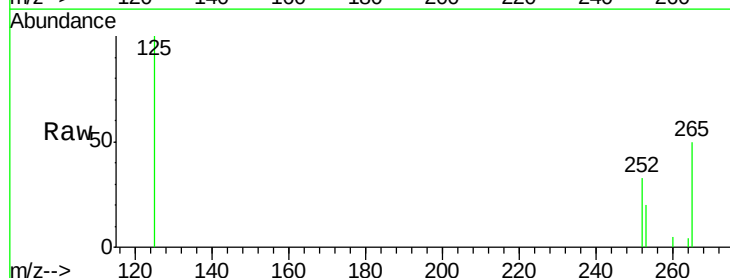
Tgt Ion:252 Resp: 3360

Ion Ratio Lower Upper

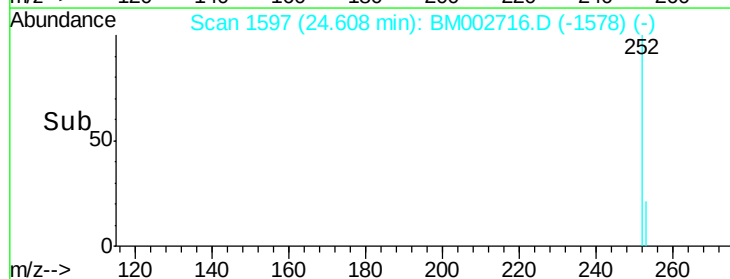
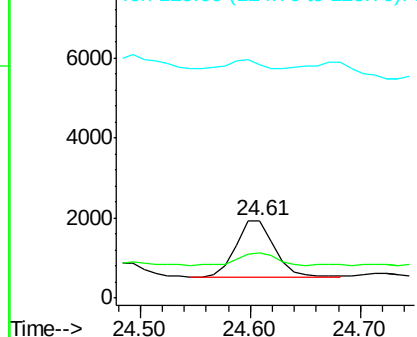
252 100

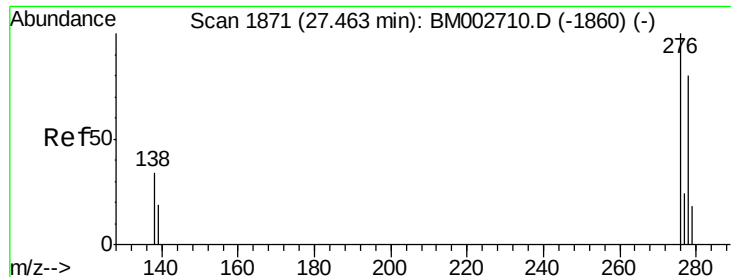
253 58.8 21.8 32.8#

125 300.1 14.5 21.7#



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

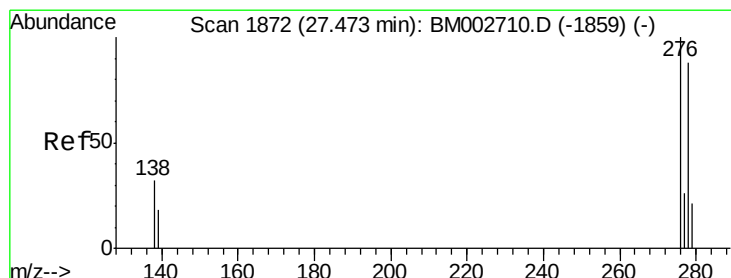
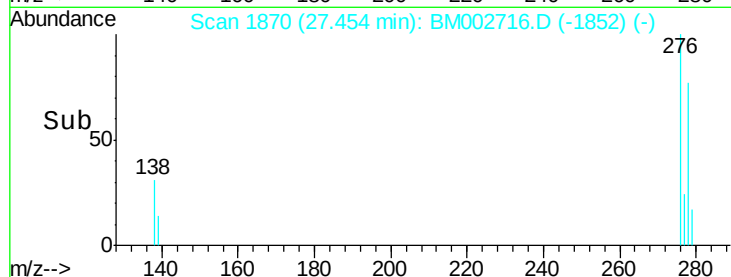
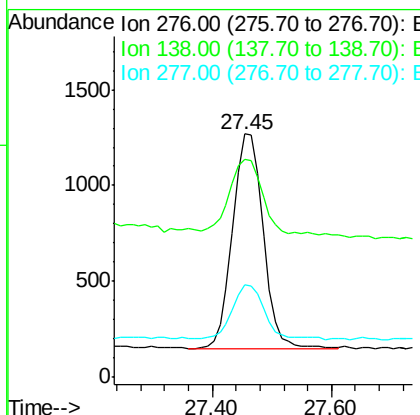
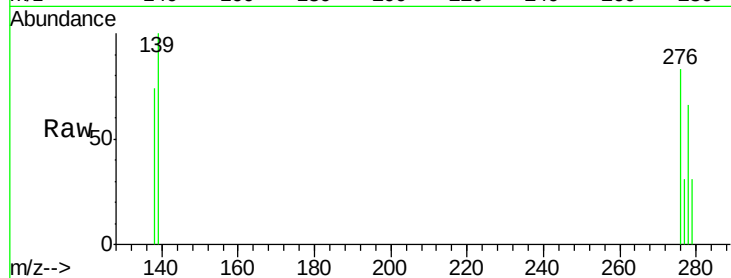




#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.02 ng/ul
 RT: 27.45 min Scan# 1870
 Delta R.T. -0.01 min
 Lab File: BM002716.D
 Acq: 24 Sep 2015 17:39

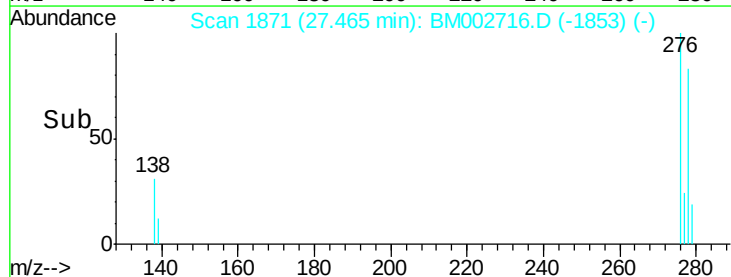
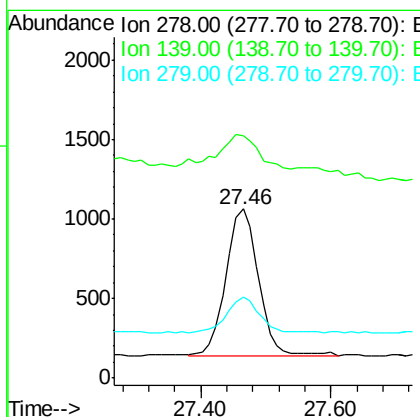
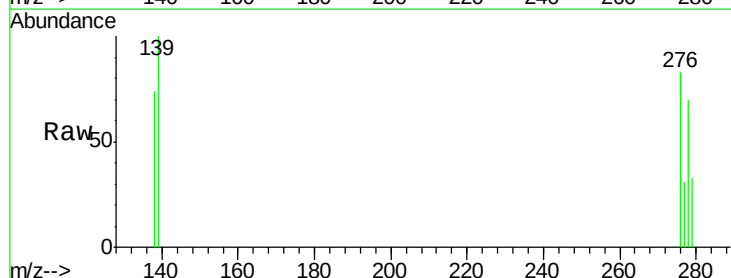
Instrument :
 BNA_M
 ClientSampleId :
 JHAF7MS

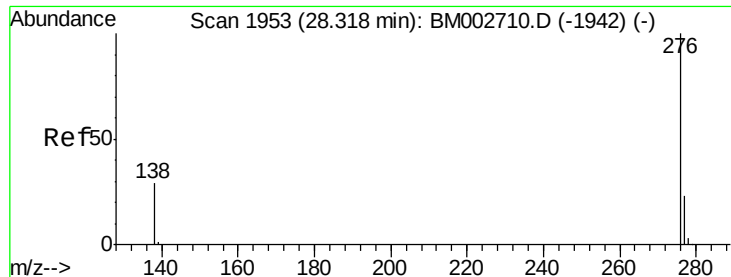
Tot Ion:276 Resp: 4022
 Ion Ratio Lower Upper
 276 100
 138 38.6 27.5 41.3
 277 26.5 19.3 28.9



#27
 Dibenzo(a,h)anthracene
 Concen: 0.02 ng/ul
 RT: 27.46 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BM002716.D
 Acq: 24 Sep 2015 17:39

Tgt Ion:278 Resp: 3174
 Ion Ratio Lower Upper
 278 100
 139 143.2 21.7 32.5#
 279 47.9 21.9 32.9#





#28

Benzo(a,h,i)perylene

Concen: 0.02 ng/ul

RT: 28.31 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BM002716.D

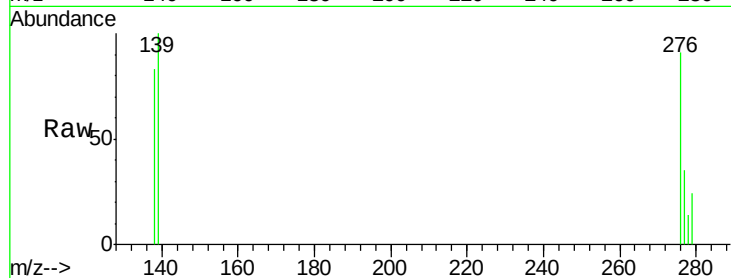
Acq: 24 Sep 2015 17:39

Instrument :

BNA_M

ClientSampleId :

JHAF7MS



Tot Ion: 276 Resp: 3447

Ion Ratio Lower Upper

276 100

277 38.0 21.3 31.9#

138 91.3 25.5 38.3#

