

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002987.D
 Acq On : 22 Oct 2015 21:14
 Operator : UM/IZ
 Sample : G4074-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9H2

Quant Time: Oct 23 02:01:38 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM102215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:55:29 2015
 Response via : Initial Calibration

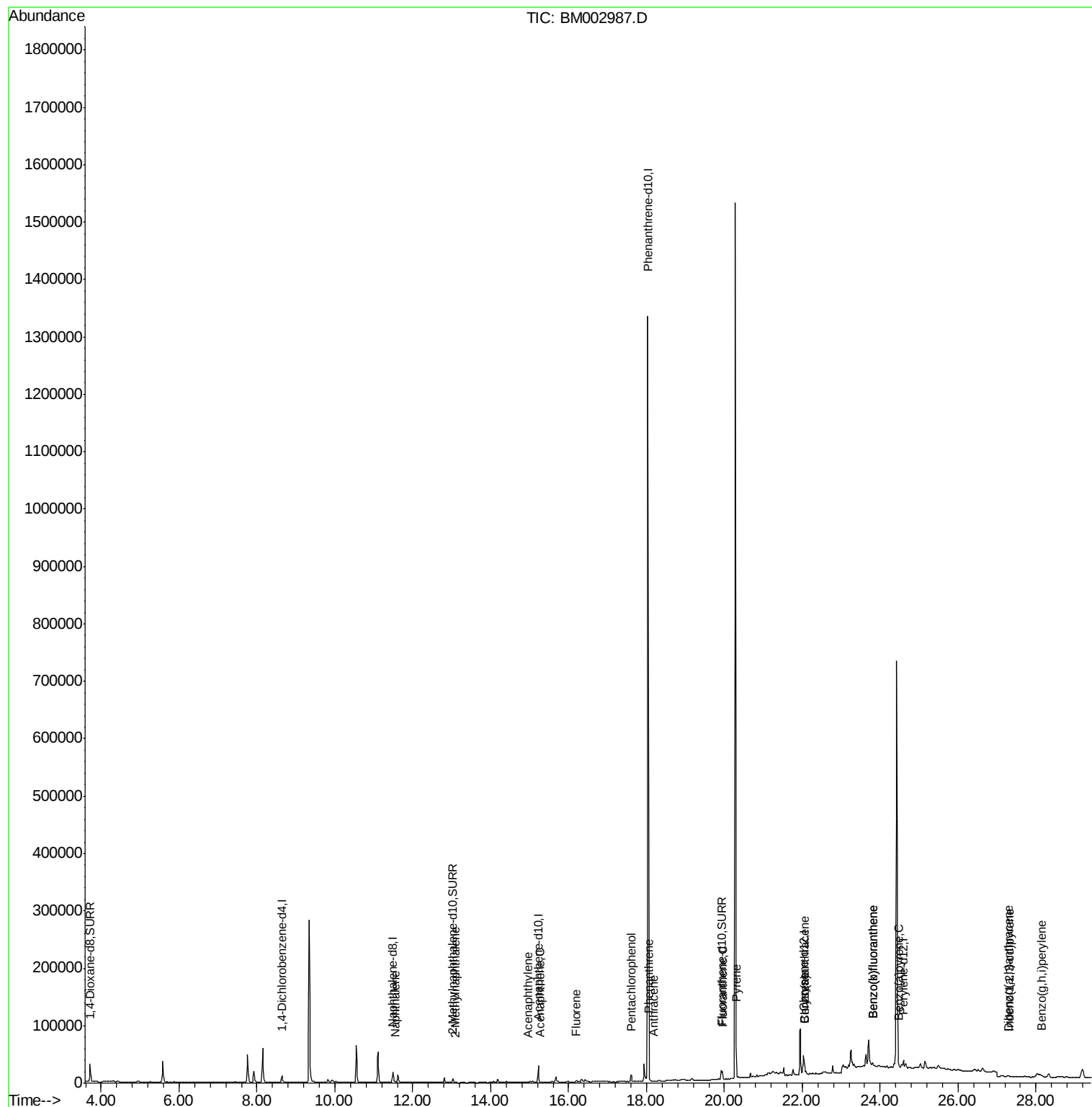
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	7198	0.40	ng/ul	0.00
4) Naphthalene-d8	11.48	136	31327	0.40	ng/ul	-0.01
8) Acenaphthene-d10	15.23	164	17507	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	1725233	0.40	ng/ul	0.09
18) Chrysene-d12	22.03	240	26826	0.40	ng/ul	0.00
22) Perylene-d12	24.60	264	23858	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.71	96	25563	3.32	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.03	152	11080	0.21	ng/ul	-0.01
16) Fluoranthene-d10	19.93	212	20589	0.00	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.54	128	2449	0.03	ng/ul#	82
7) 2-Methylnaphthalene	13.10	142	988	0.02	ng/ul	85
9) Acenaphthylene	14.96	152	730	0.01	ng/ul#	22
10) Acenaphthene	15.28	153	237	0.00	ng/ul#	69
11) Fluorene	16.20	166	3619	0.05	ng/ul#	16
13) Pentachlorophenol	17.61	266	104	0.00	ng/ul#	45
14) Phenanthrene	18.06	178	1997	0.00	ng/ul#	22
15) Anthracene	18.19	178	255	0.00	ng/ul#	1
17) Fluoranthene	19.95	202	13825	0.00	ng/ul	78
19) Pyrene	20.30	202	15621	0.16	ng/ul#	73
20) Benzo(a)anthracene	22.06	228	23079	0.26	ng/ul#	50
21) Chrysene	22.06	228	23079	0.26	ng/ul#	56
23) Benzo(b)fluoranthene	23.80	252	12338	0.15	ng/ul#	1
24) Benzo(k)fluoranthene	23.80	252	12338	0.15	ng/ul#	1
25) Benzo(a)pyrene	24.48	252	3373	0.04	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	27.31	276	3562	0.04	ng/ul#	75
27) Dibenzo(a,h)anthracene	27.29	278	1571	0.02	ng/ul#	1
28) Benzo(a,h,i)perylene	28.15	276	7216	0.10	ng/ul#	1

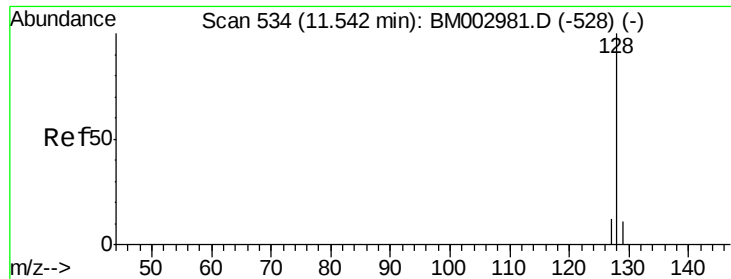
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.03 ng/ul

RT: 11.54 min Scan# 534

Delta R.T. -0.00 min

Lab File: BM002987.D

Acq: 22 Oct 2015 21:14

Instrument :

BNA_M

ClientSampleId :

JG9H2

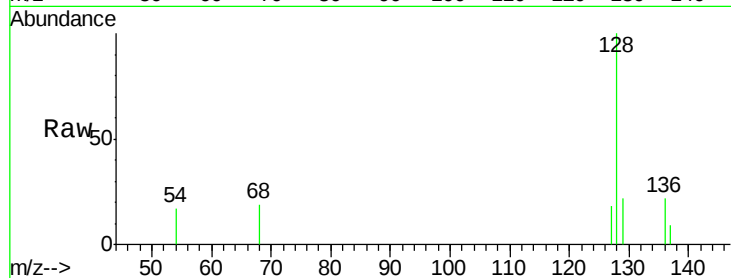
Tot Ion:128 Resp: 2449

Ion Ratio Lower Upper

128 100

129 22.3 9.8 14.8#

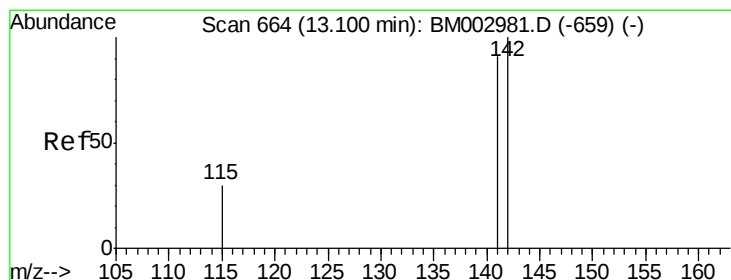
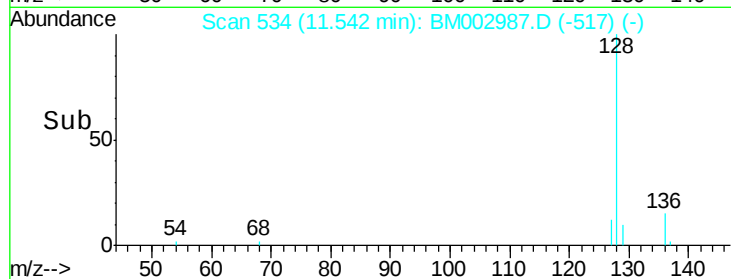
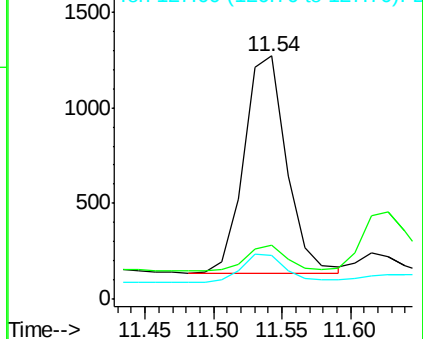
127 17.9 10.7 16.1#



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



#7

2-Methylnaphthalene

Concen: 0.02 ng/ul

RT: 13.10 min Scan# 664

Delta R.T. -0.00 min

Lab File: BM002987.D

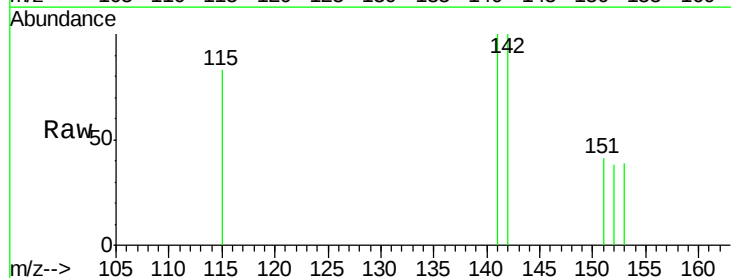
Acq: 22 Oct 2015 21:14

Tgt Ion:142 Resp: 988

Ion Ratio Lower Upper

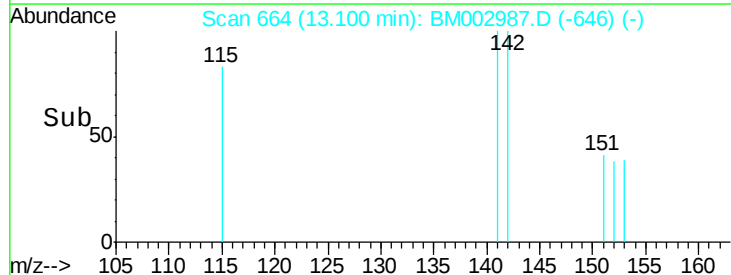
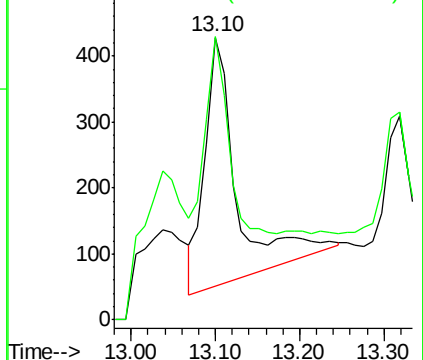
142 100

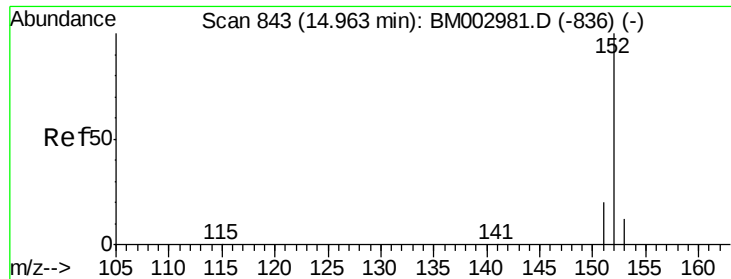
141 101.9 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.96 min Scan# 843

Delta R.T. -0.00 min

Lab File: BM002987.D

Acq: 22 Oct 2015 21:14

Instrument :

BNA_M

ClientSampleId :

JG9H2

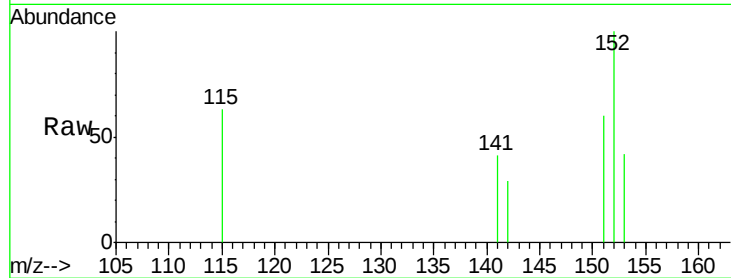
Tot Ion:152 Resp: 730

Ion Ratio Lower Upper

152 100

151 60.2 16.8 25.2#

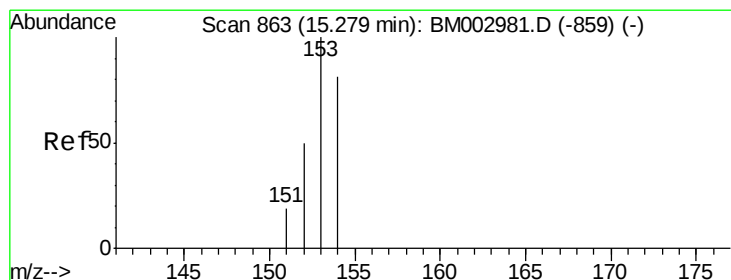
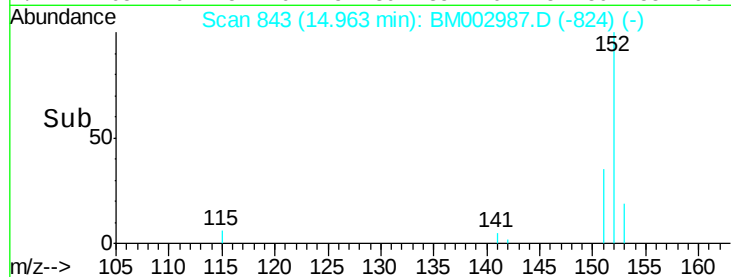
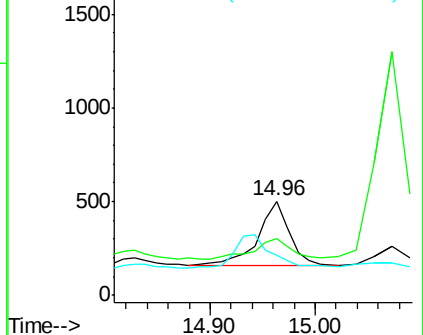
153 42.2 11.3 16.9#



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



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 15.28 min Scan# 863

Delta R.T. -0.00 min

Lab File: BM002987.D

Acq: 22 Oct 2015 21:14

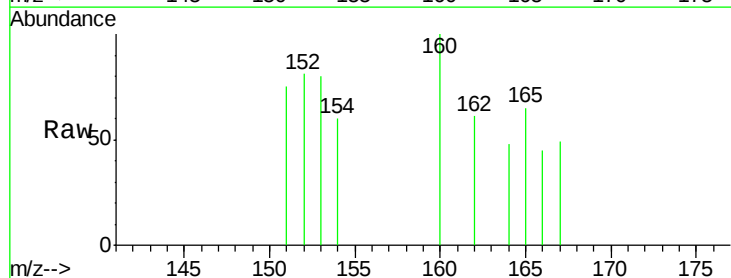
Tgt Ion:153 Resp: 237

Ion Ratio Lower Upper

153 100

152 100.4 42.3 63.5#

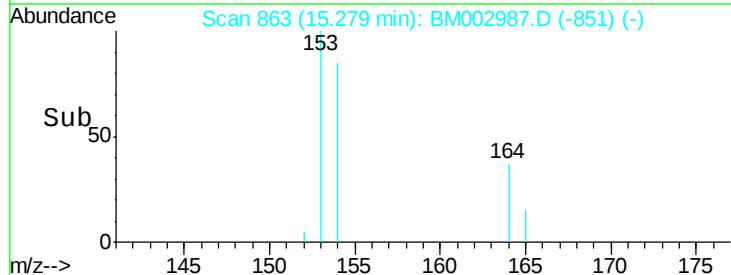
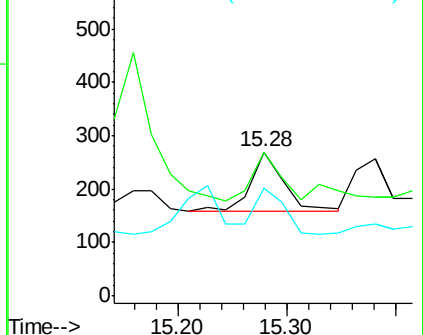
154 74.7 64.7 97.1

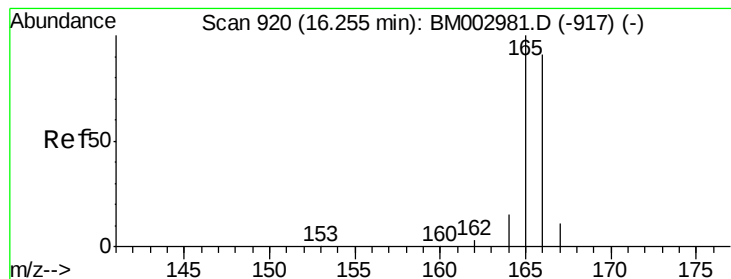


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.05 ng/ul

RT: 16.20 min Scan# 917

Delta R.T. -0.05 min

Lab File: BM002987.D

Acq: 22 Oct 2015 21:14

Instrument :

BNA_M

ClientSampleId :

JG9H2

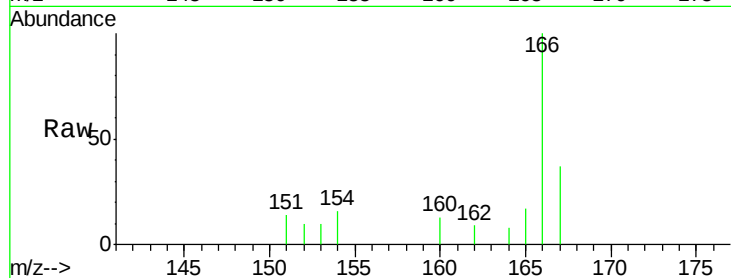
Tot Ion:166 Resp: 3619

Ion Ratio Lower Upper

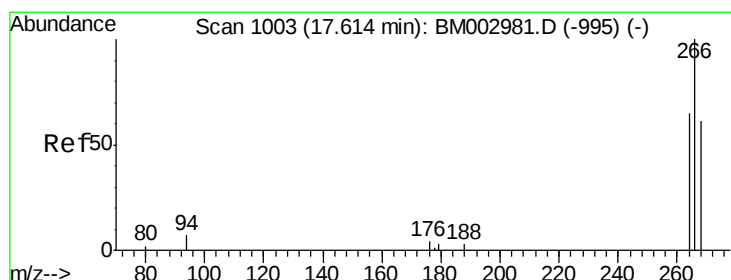
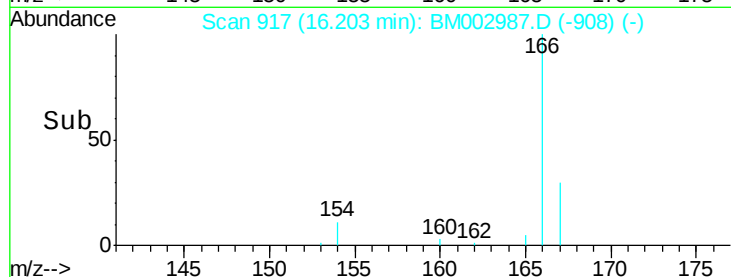
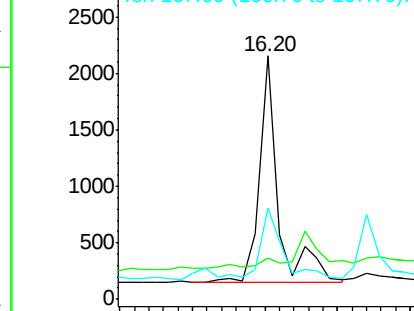
166 100

165 17.1 87.6 131.4#

167 37.2 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: 0.00 ng/ul

RT: 17.61 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BM002987.D

Acq: 22 Oct 2015 21:14

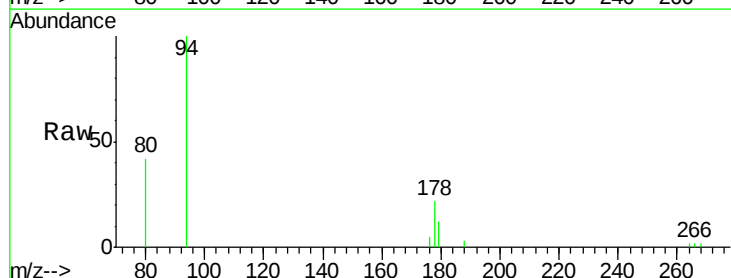
Tgt Ion:266 Resp: 104

Ion Ratio Lower Upper

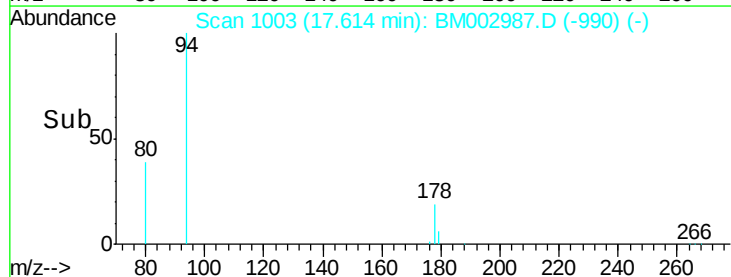
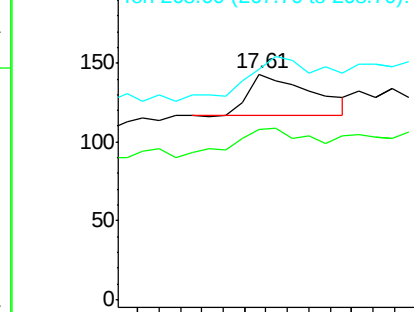
266 100

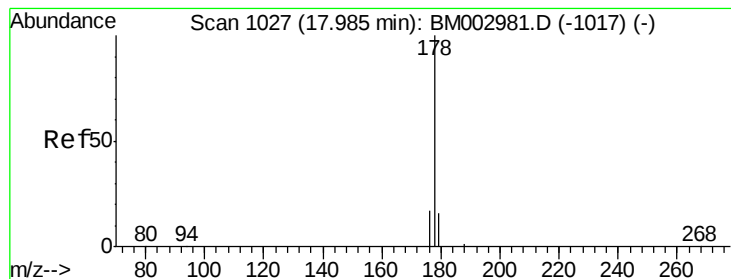
264 87.5 53.5 80.3#

268 0.0 54.2 81.2#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 18.06 min Scan# 1032

Delta R.T. 0.08 min

Lab File: BM002987.D

Acq: 22 Oct 2015 21:14

Instrument :

BNA_M

ClientSampleId :

JG9H2

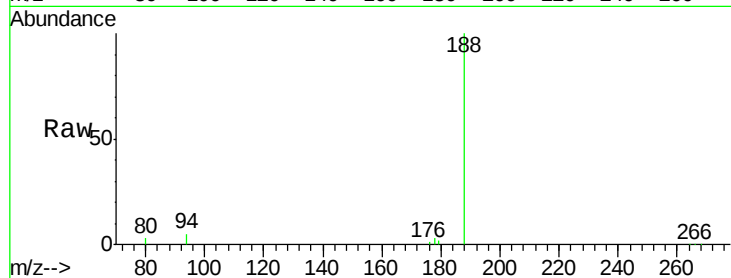
Tot Ion:178 Resp: 1997

Ion Ratio Lower Upper

178 100

176 42.6 16.2 24.4#

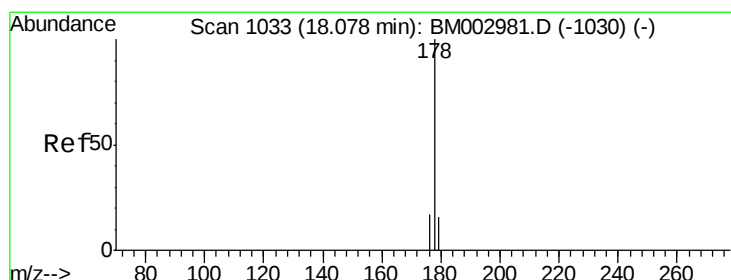
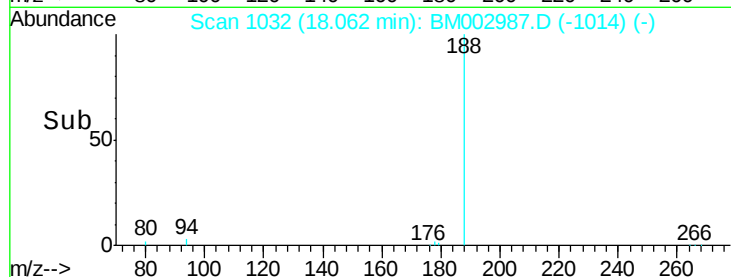
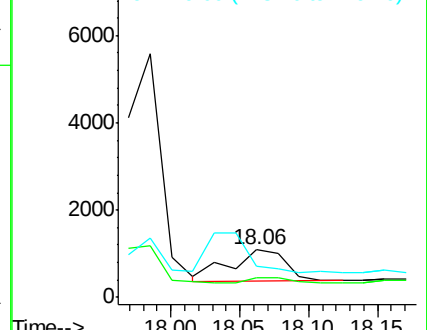
179 65.1 12.8 19.2#



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

Anthracene

Concen: 0.00 ng/ul

RT: 18.19 min Scan# 1040

Delta R.T. 0.11 min

Lab File: BM002987.D

Acq: 22 Oct 2015 21:14

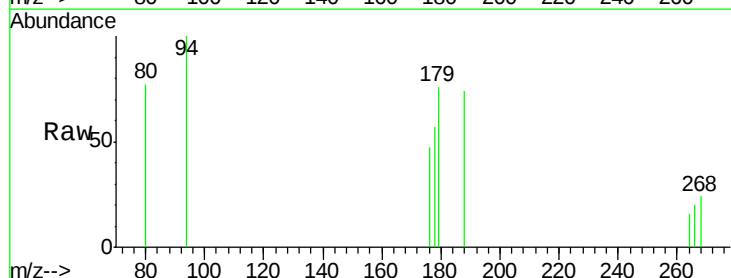
Tgt Ion:178 Resp: 255

Ion Ratio Lower Upper

178 100

176 82.0 15.8 23.8#

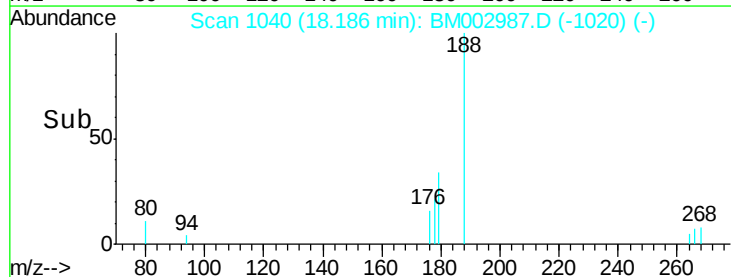
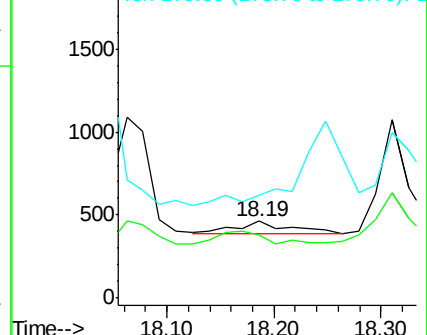
179 133.5 13.3 19.9#

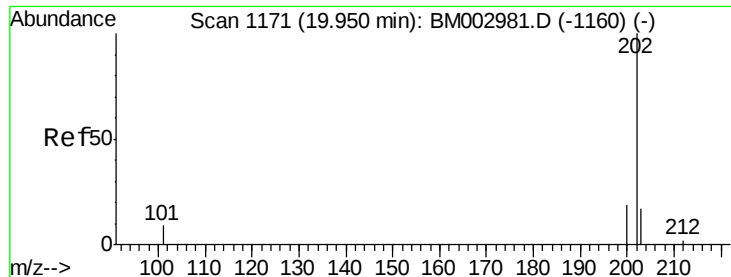


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

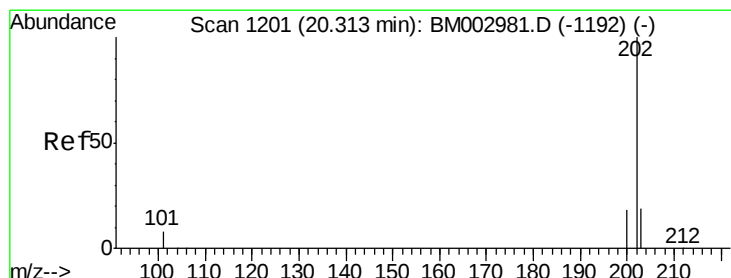
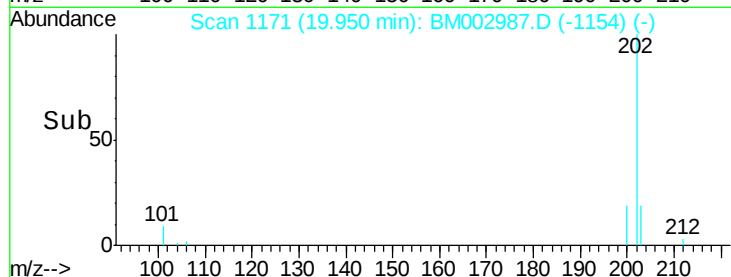
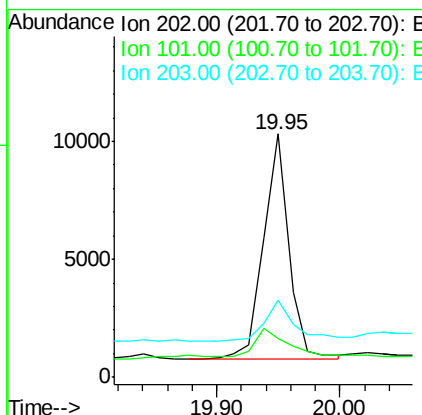
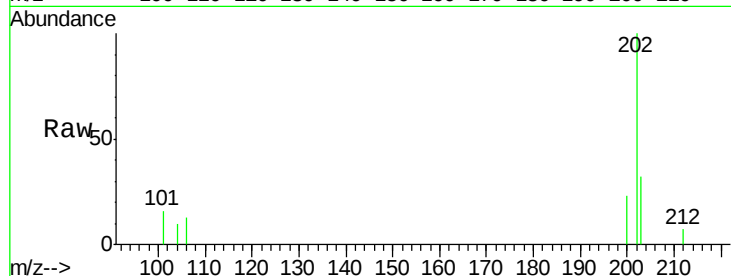




#17
Fluoranthene
 Concen: 0.00 ng/ul
 RT: 19.95 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BM002987.D
 Acq: 22 Oct 2015 21:14

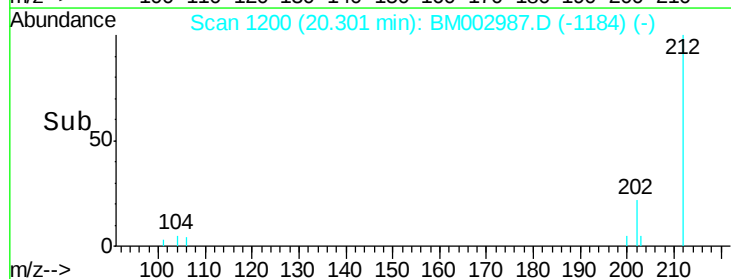
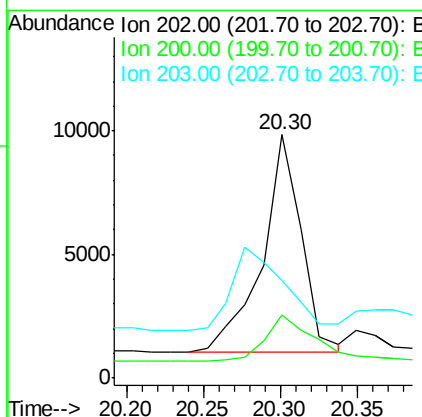
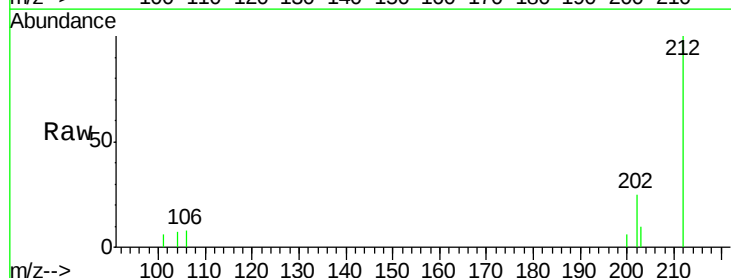
Instrument :
 BNA_M
 ClientSampleId :
 JG9H2

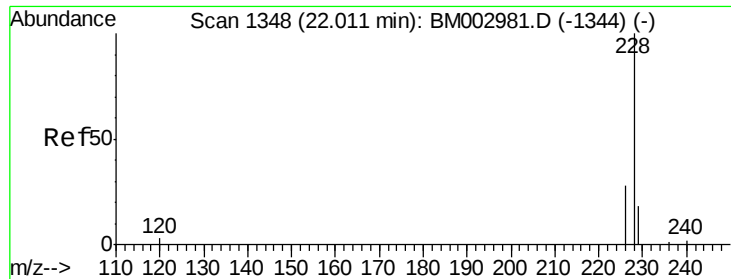
Tot Ion:202 Resp: 13825
 Ion Ratio Lower Upper
 202 100
 101 16.2 0.0 33.1
 203 31.8 0.0 37.2



#19
Pyrene
 Concen: 0.16 ng/ul
 RT: 20.30 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BM002987.D
 Acq: 22 Oct 2015 21:14

Tgt Ion:202 Resp: 15621
 Ion Ratio Lower Upper
 202 100
 200 25.8 18.0 27.0
 203 40.3 13.8 20.6#





#20

Benzo(a)anthracene

Concen: 0.26 ng/ul

RT: 22.06 min Scan# 1353

Delta R.T. 0.05 min

Lab File: BM002987.D

Acq: 22 Oct 2015 21:14

Instrument :

BNA_M

ClientSampleId :

JG9H2

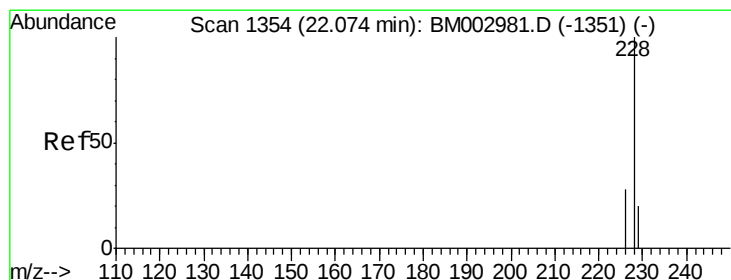
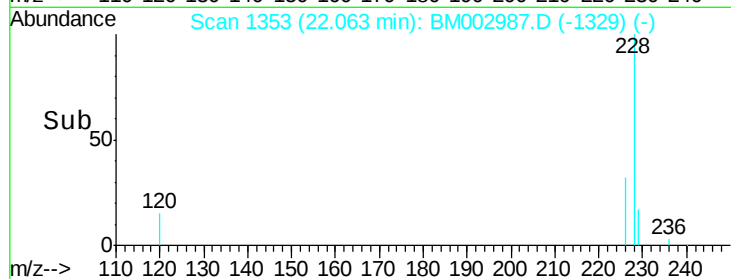
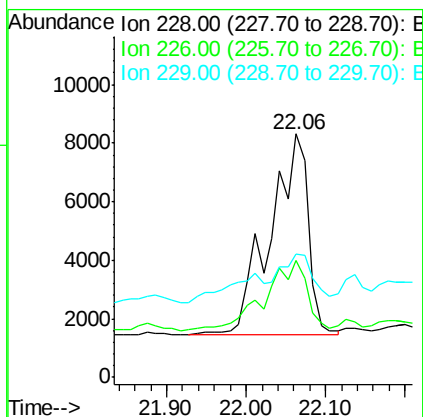
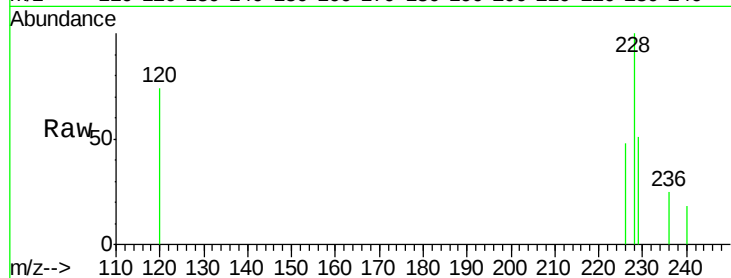
Tot Ion:228 Resp: 23079

Ion Ratio Lower Upper

228 100

226 48.2 23.0 34.4#

229 50.7 15.2 22.8#



#21

Chrysene

Concen: 0.26 ng/ul

RT: 22.06 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BM002987.D

Acq: 22 Oct 2015 21:14

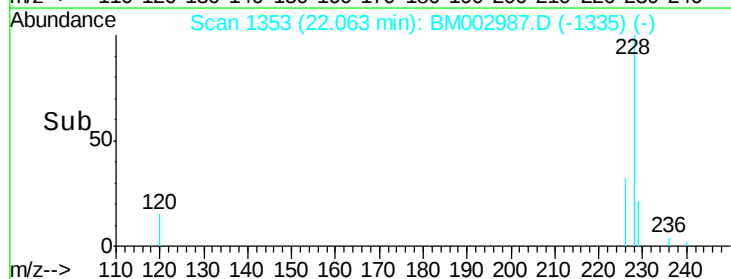
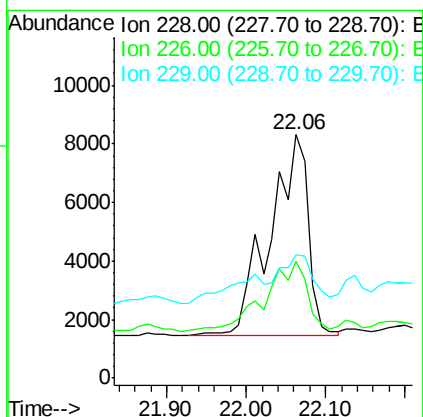
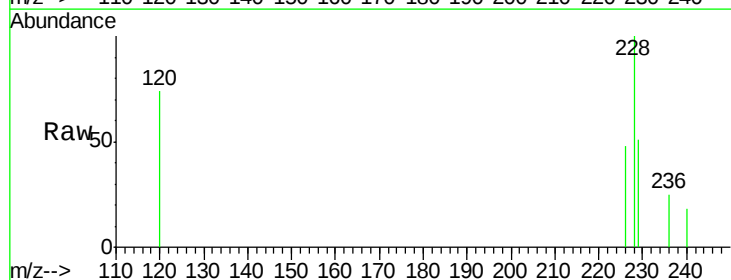
Tgt Ion:228 Resp: 23079

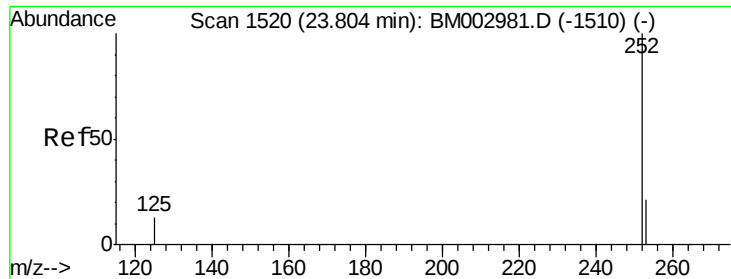
Ion Ratio Lower Upper

228 100

226 48.2 25.7 38.5#

229 50.7 15.2 22.8#





#23

Benzo(b)fluoranthene

Concen: 0.15 ng/ul

RT: 23.80 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BM002987.D

Acq: 22 Oct 2015 21:14

Instrument :

BNA_M

ClientSampleId :

JG9H2

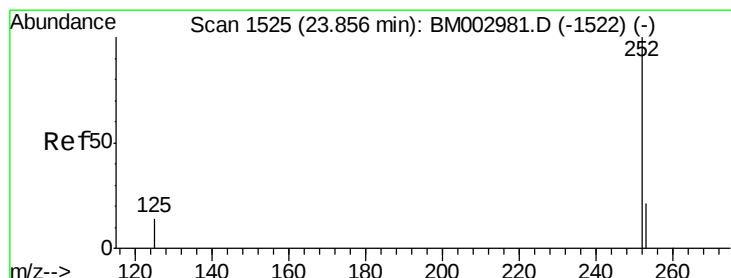
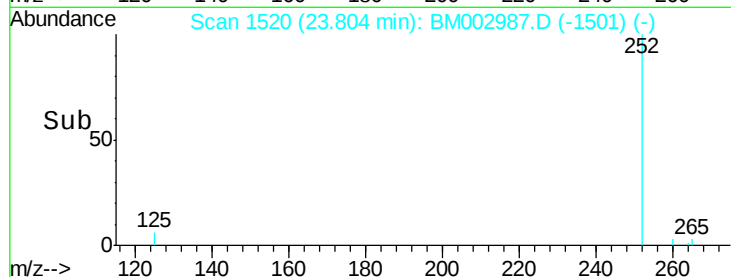
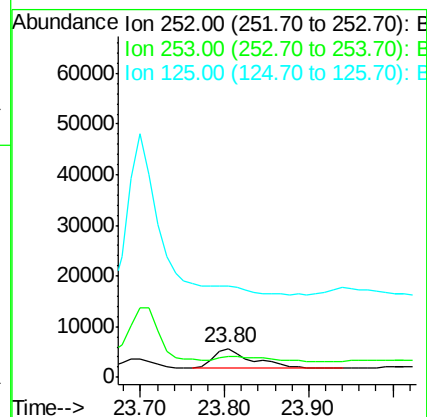
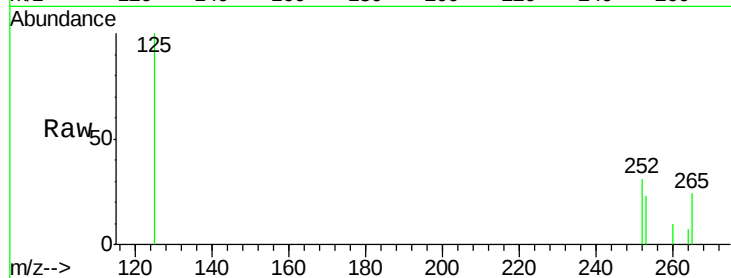
Tot Ion:252 Resp: 12338

Ion Ratio Lower Upper

252 100

253 73.7 0.0 48.0#

125 320.5 0.0 36.6#



#24

Benzo(k)fluoranthene

Concen: 0.15 ng/ul

RT: 23.80 min Scan# 1520

Delta R.T. -0.05 min

Lab File: BM002987.D

Acq: 22 Oct 2015 21:14

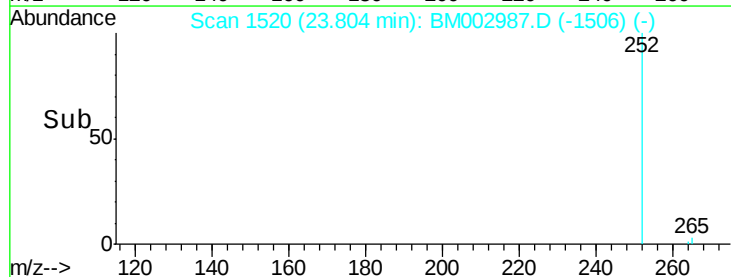
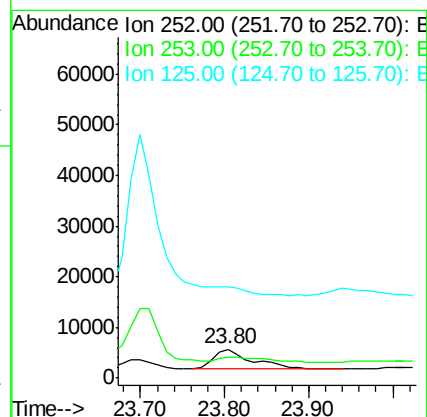
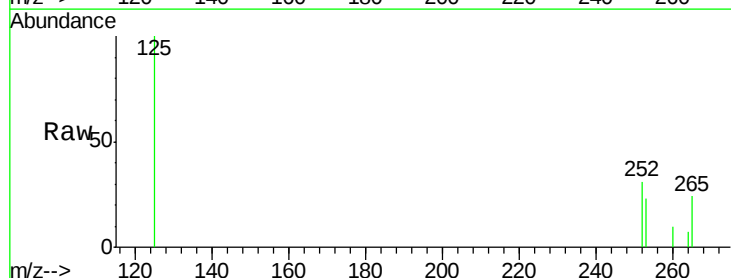
Tgt Ion:252 Resp: 12338

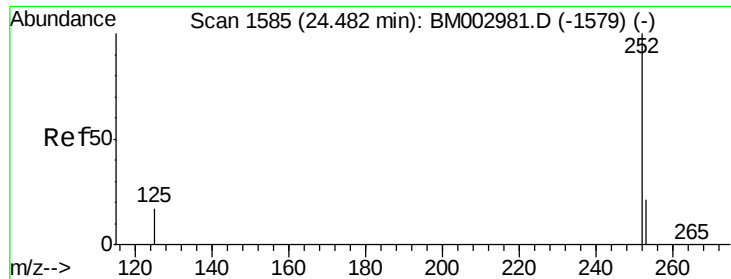
Ion Ratio Lower Upper

252 100

253 73.7 20.8 31.2#

125 320.5 12.2 18.4#





#25

Benzo(a)pyrene

Concen: 0.04 ng/ul

RT: 24.48 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BM002987.D

Acq: 22 Oct 2015 21:14

Instrument :

BNA_M

ClientSampleId :

JG9H2

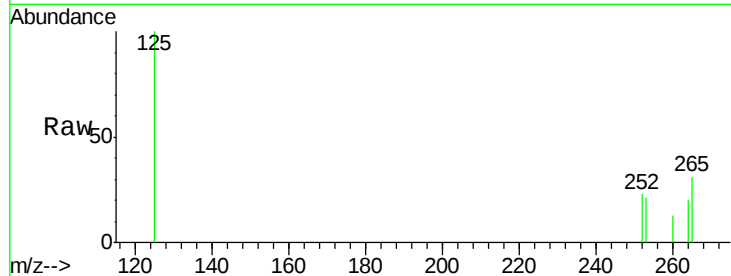
Tot Ion:252 Resp: 3373

Ion Ratio Lower Upper

252 100

253 92.8 21.8 32.8#

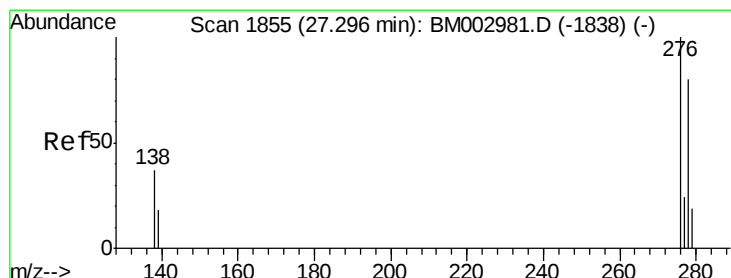
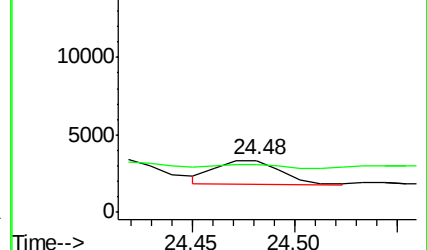
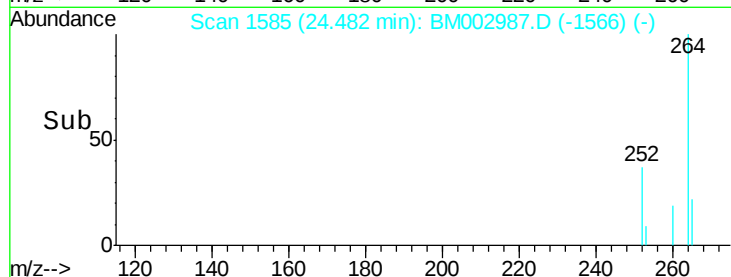
125 444.4 14.5 21.7#



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: 0.04 ng/ul

RT: 27.31 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BM002987.D

Acq: 22 Oct 2015 21:14

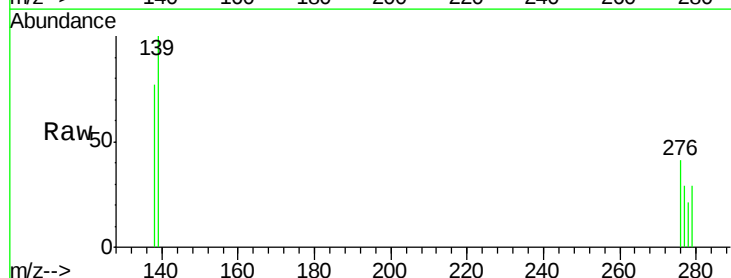
Tgt Ion:276 Resp: 3562

Ion Ratio Lower Upper

276 100

138 57.1 27.5 41.3#

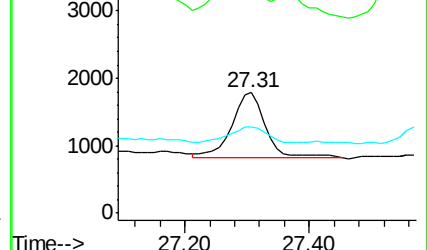
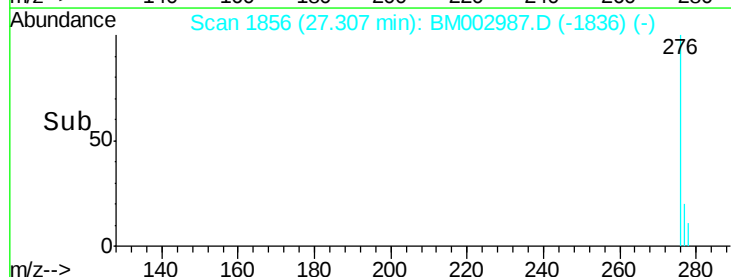
277 25.9 19.3 28.9

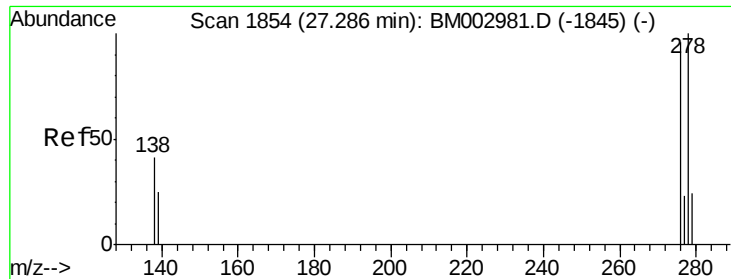


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.02 ng/ul

RT: 27.29 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BM002987.D

Acq: 22 Oct 2015 21:14

Instrument :

BNA_M

ClientSampleId :

JG9H2

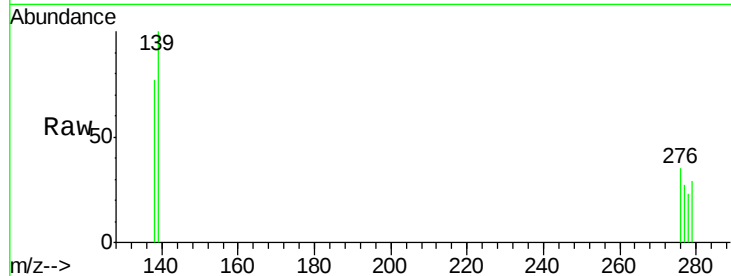
Tot Ion:278 Resp: 1571

Ion Ratio Lower Upper

278 100

139 426.5 21.7 32.5#

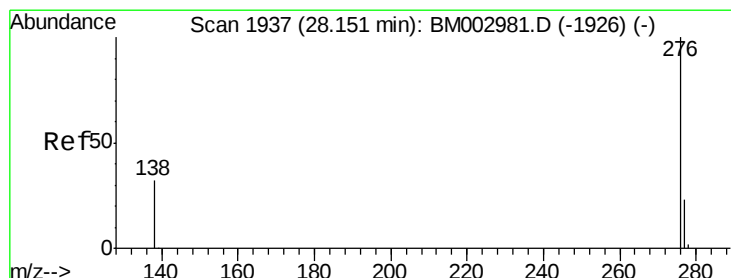
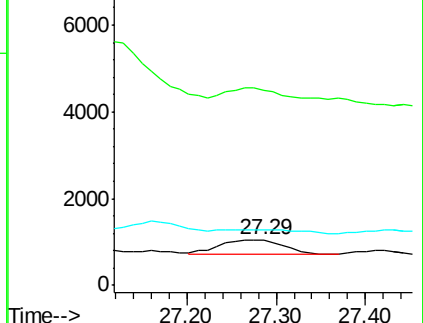
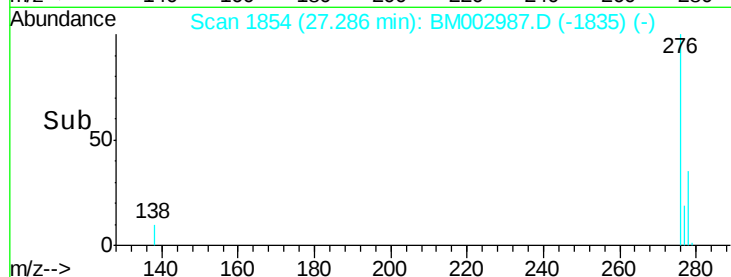
279 121.7 21.9 32.9#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#28

Benzo(g,h,i)perylene

Concen: 0.10 ng/ul

RT: 28.15 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BM002987.D

Acq: 22 Oct 2015 21:14

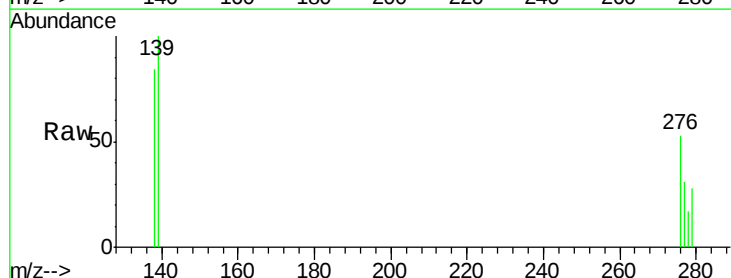
Tgt Ion:276 Resp: 7216

Ion Ratio Lower Upper

276 100

277 59.0 21.3 31.9#

138 160.4 25.5 38.3#



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

