

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002990.D
 Acq On : 22 Oct 2015 23:03
 Operator : UM/IZ
 Sample : G4074-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9H6

Quant Time: Oct 23 02:02:06 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

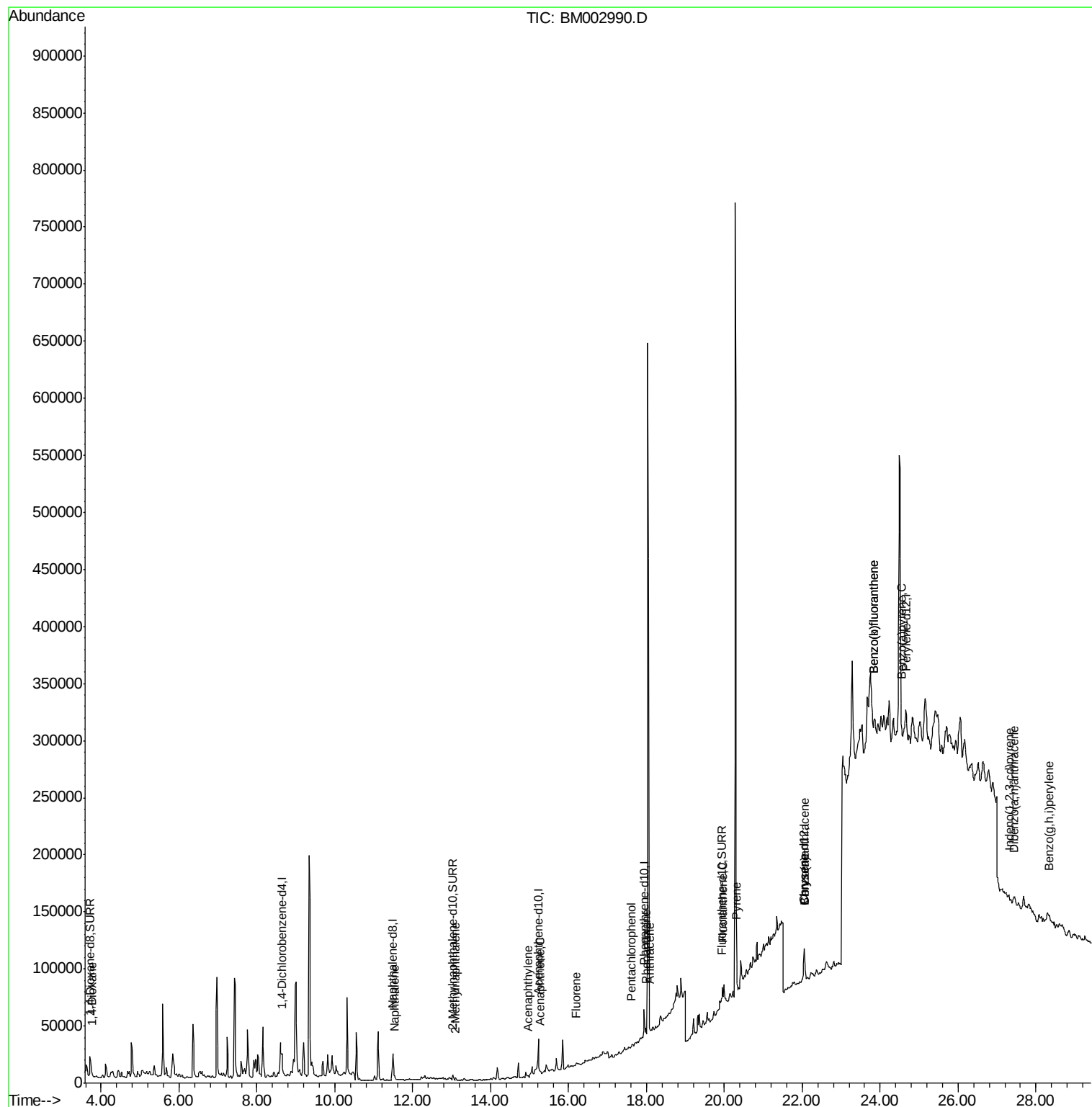
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	9852	0.40	ng/ul	0.00
4) Naphthalene-d8	11.48	136	37286	0.40	ng/ul	-0.01
8) Acenaphthene-d10	15.23	164	20114	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.94	188	30364	0.40	ng/ul	0.00
18) Chrysene-d12	22.04	240	21897	0.40	ng/ul	0.01
22) Perylene-d12	24.67	264	15393	0.40	ng/ul	0.07
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.73	96	15968	1.52	ng/uL	0.02
6) 2-Methylnaphthalene-d10	13.03	152	9483	0.15	ng/ul	-0.01
16) Fluoranthene-d10	19.93	212	9712	0.12	ng/ul	0.00
Target Compounds				Ovalue		
3) 1,4-Dioxane	3.76	88	475	0.04	ng/ul#	1
5) Naphthalene	11.53	128	3411	0.03	ng/ul#	48
7) 2-Methylnaphthalene	13.10	142	2347	0.03	ng/ul#	68
9) Acenaphthylene	14.96	152	1569	0.01	ng/ul#	1
10) Acenaphthene	15.26	153	1438	0.02	ng/ul#	51
11) Fluorene	16.20	166	3611	0.04	ng/ul#	84
13) Pentachlorophenol	17.61	266	1617	0.88	ng/ul	86
14) Phenanthrene	17.98	178	14716	0.15	ng/ul#	10
15) Anthracene	18.08	178	5940	0.07	ng/ul#	1
17) Fluoranthene	19.95	202	21151	0.19	ng/ul#	1
19) Pyrene	20.31	202	27455	0.35	ng/ul#	1
20) Benzo(a)anthracene	22.05	228	30384	0.42	ng/ul#	1
21) Chrysene	22.05	228	30384	0.41	ng/ul#	1
23) Benzo(b)fluoranthene	23.85	252	20102	0.37	ng/ul#	1
24) Benzo(k)fluoranthene	23.85	252	20102	0.38	ng/ul#	1
25) Benzo(a)pyrene	24.54	252	3252	0.06	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	27.31	276	673	0.01	ng/ul#	45
27) Dibenzo(a,h)anthracene	27.43	278	2924	0.06	ng/ul#	1
28) Benzo(g,h,i)perylene	28.33	276	13058	0.28	ng/ul#	1

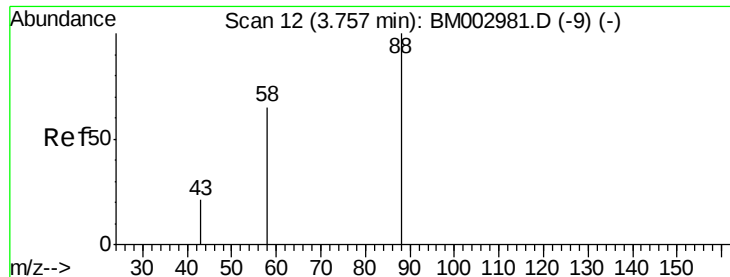
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

1,4-Dioxane

Concen: 0.04 ng/ul

RT: 3.76 min Scan# 12

Delta R.T. -0.00 min

Lab File: BM002990.D

Acq: 22 Oct 2015 23:03

Instrument :

BNA_M

ClientSampleId :

JG9H6

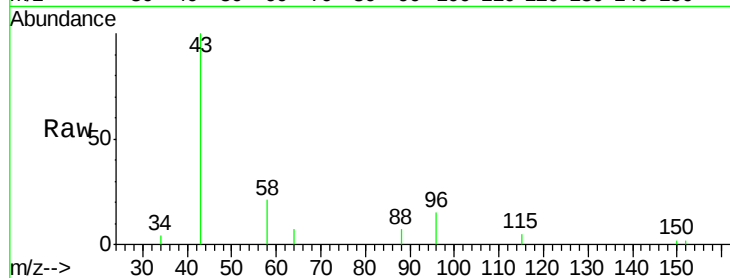
Tot Ion: 88 Resp: 475

Ion Ratio Lower Upper

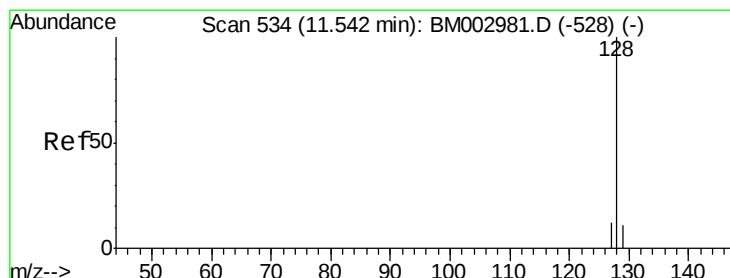
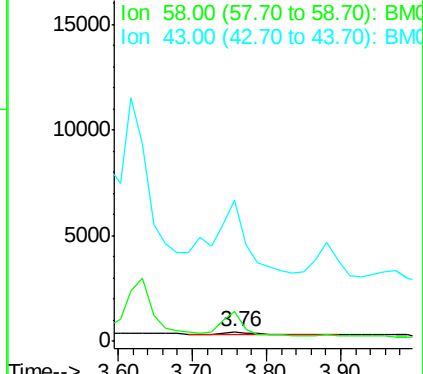
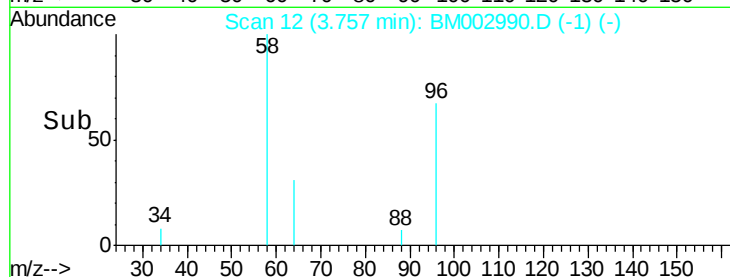
88 100

58 484.0 55.4 83.2#

43 2101.9 24.2 36.2#



Abundance Ion 88.00 (87.70 to 88.70): BM002990.D (-1) (-)



#5

Naphthalene

Concen: 0.03 ng/ul

RT: 11.53 min Scan# 533

Delta R.T. -0.01 min

Lab File: BM002990.D

Acq: 22 Oct 2015 23:03

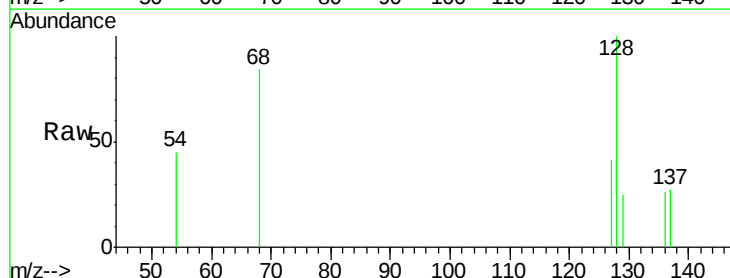
Tgt Ion: 128 Resp: 3411

Ion Ratio Lower Upper

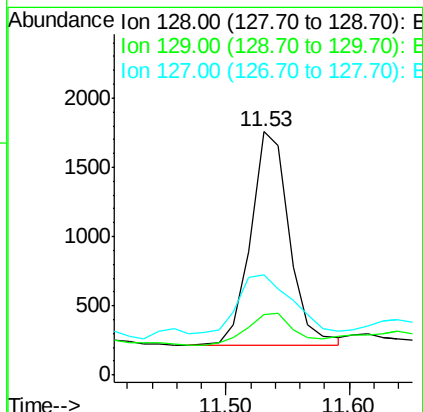
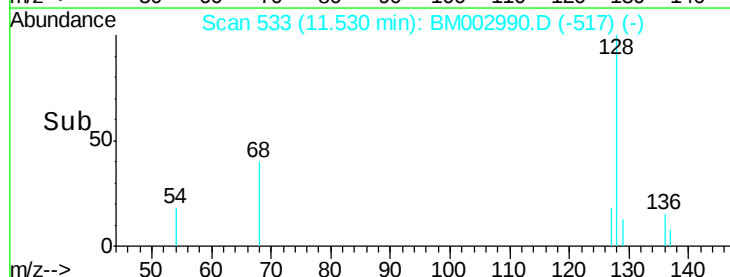
128 100

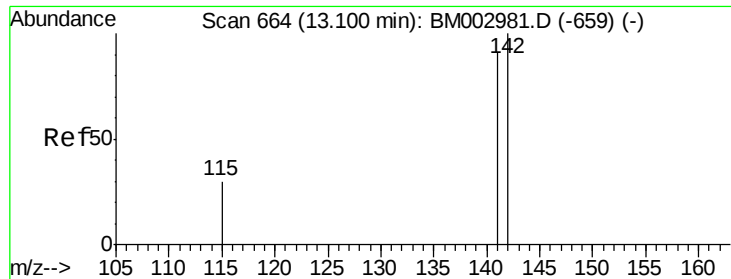
129 25.0 9.8 14.8#

127 41.2 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): BM002990.D (-517) (-)





#7

2-Methylnaphthalene

Concen: 0.03 ng/ul

RT: 13.10 min Scan# 664

Delta R.T. -0.00 min

Lab File: BM002990.D

Acq: 22 Oct 2015 23:03

Instrument :

BNA_M

ClientSampleId :

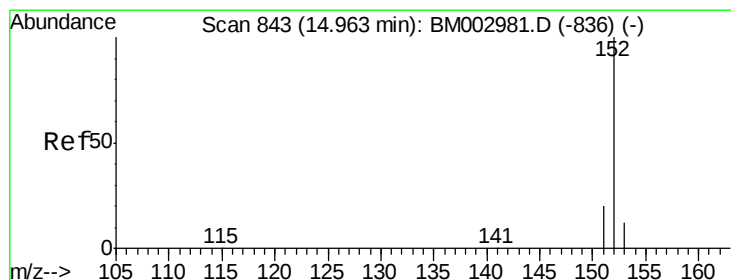
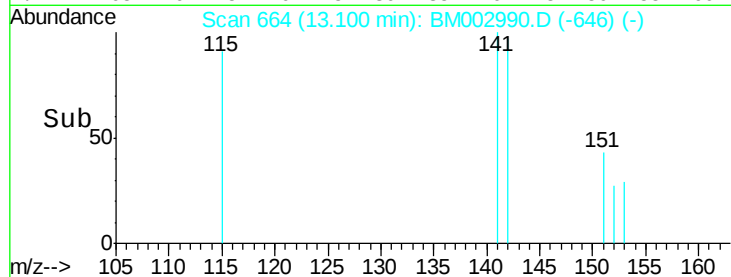
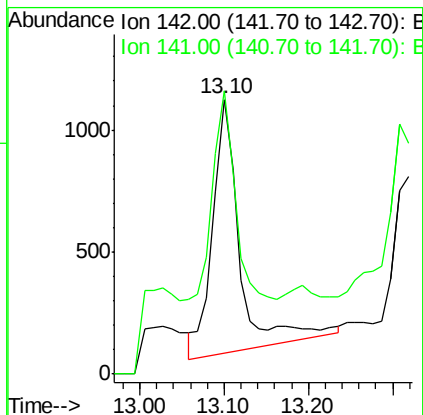
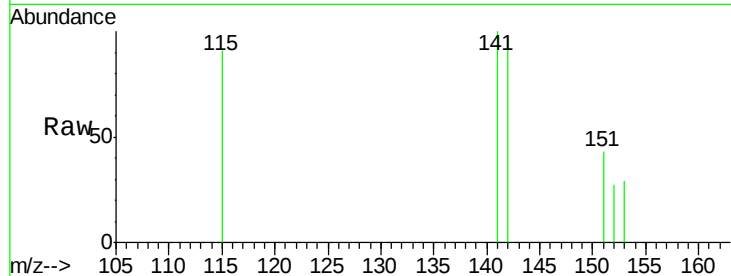
JG9H6

Tot Ion:142 Resp: 2347

Ion Ratio Lower Upper

142 100

141 117.7 70.3 105.5#



#9

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.96 min Scan# 843

Delta R.T. -0.00 min

Lab File: BM002990.D

Acq: 22 Oct 2015 23:03

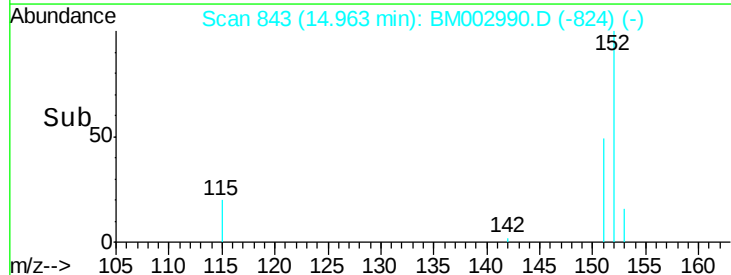
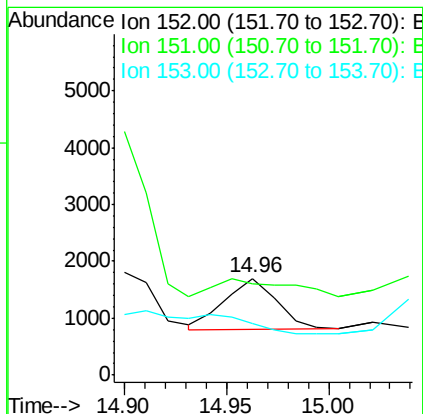
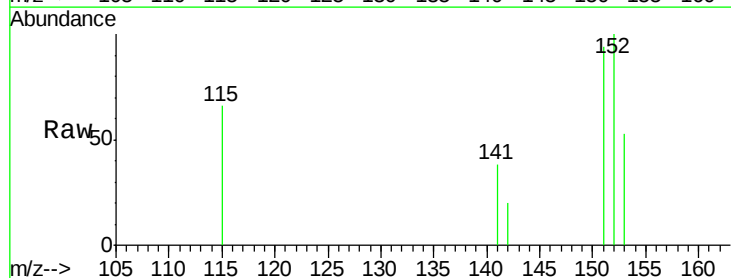
Tgt Ion:152 Resp: 1569

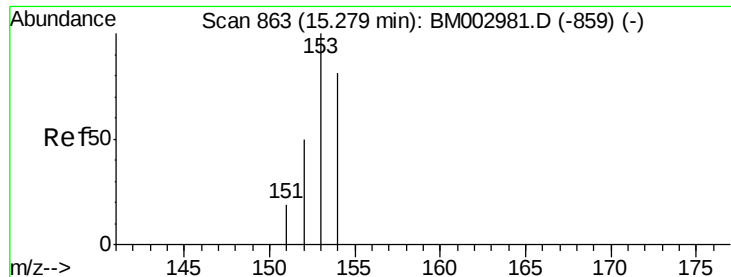
Ion Ratio Lower Upper

152 100

151 94.4 16.8 25.2#

153 53.2 11.3 16.9#





#10

Acenaphthene

Concen: 0.02 ng/ul

RT: 15.26 min Scan# 862

Delta R.T. -0.02 min

Lab File: BM002990.D

Acq: 22 Oct 2015 23:03

Instrument :

BNA_M

ClientSampleId :

JG9H6

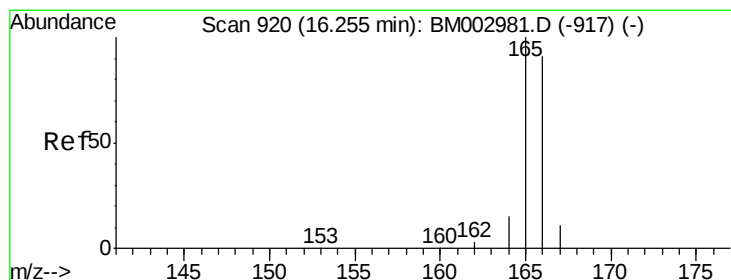
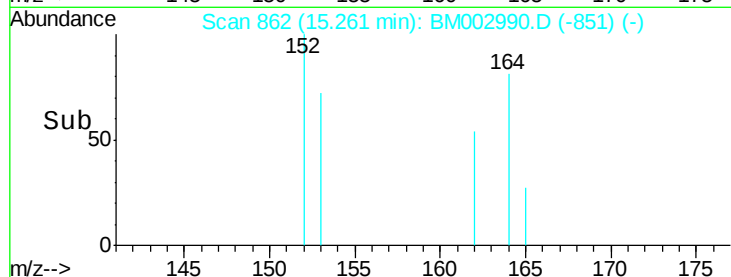
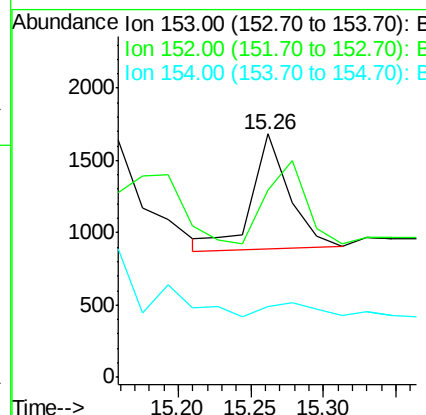
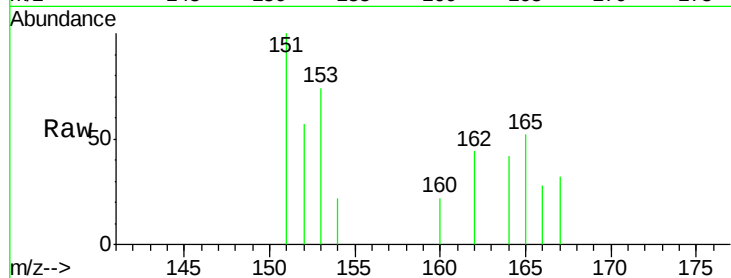
Tot Ion:153 Resp: 1438

Ion Ratio Lower Upper

153 100

152 77.1 42.3 63.5#

154 29.2 64.7 97.1#



#11

Fluorene

Concen: 0.04 ng/ul

RT: 16.20 min Scan# 917

Delta R.T. -0.05 min

Lab File: BM002990.D

Acq: 22 Oct 2015 23:03

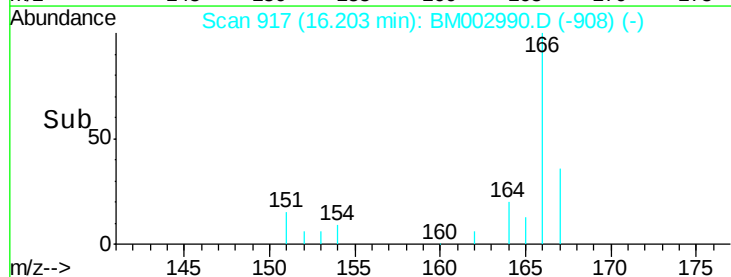
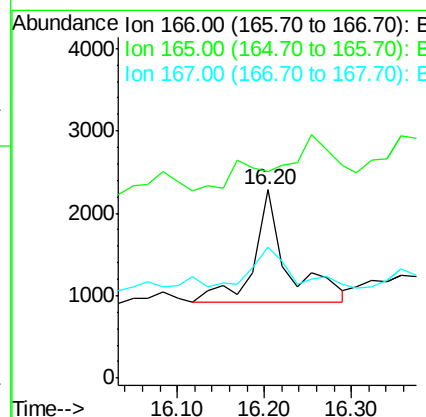
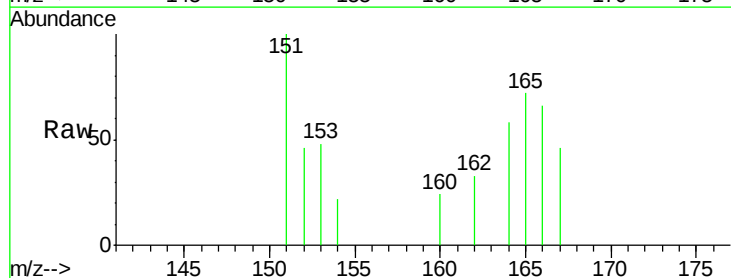
Tgt Ion:166 Resp: 3611

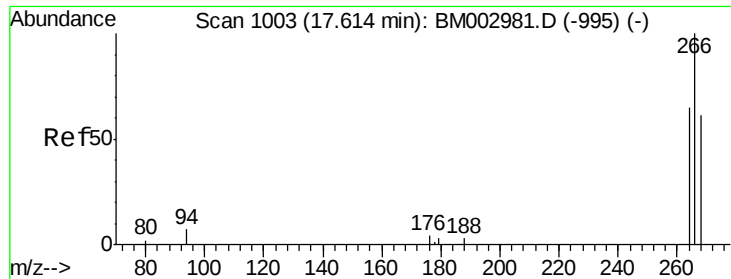
Ion Ratio Lower Upper

166 100

165 109.8 87.6 131.4

167 69.3 11.1 16.7#

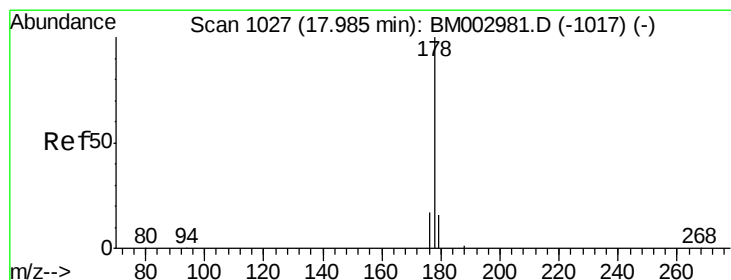
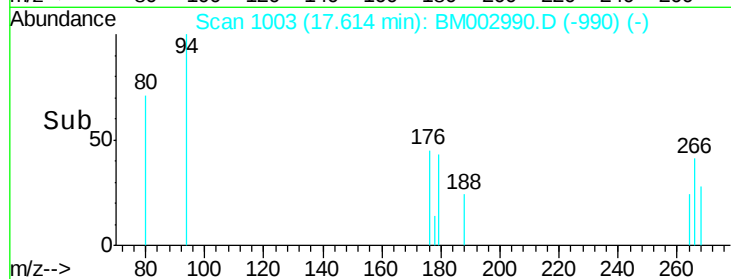
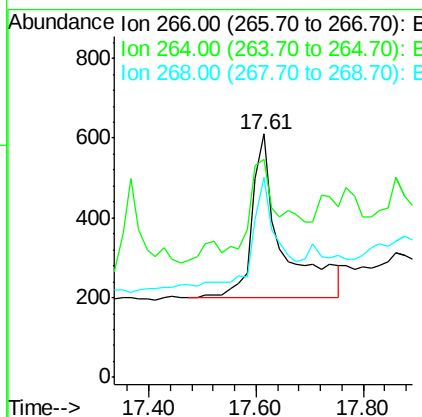
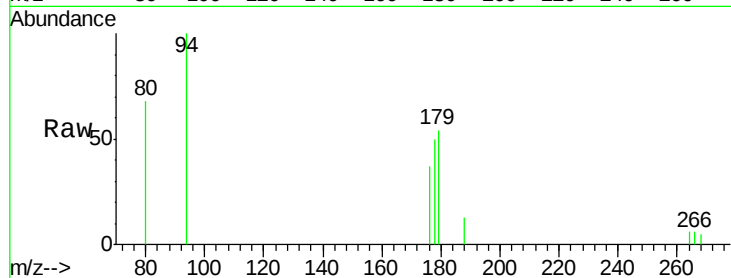




#13
 Pentachlorophenol
 Concen: 0.88 ng/ul
 RT: 17.61 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BM002990.D
 Acq: 22 Oct 2015 23:03

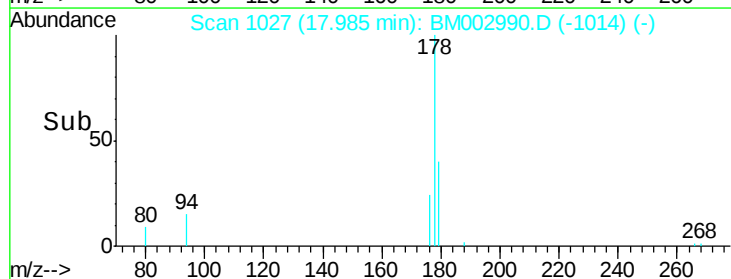
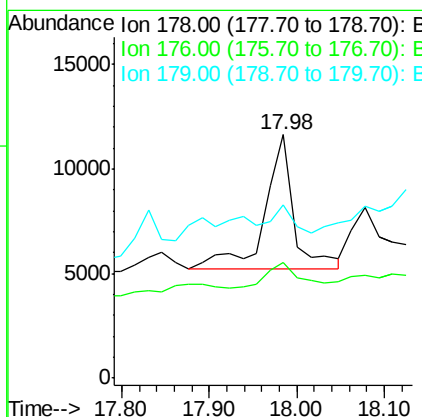
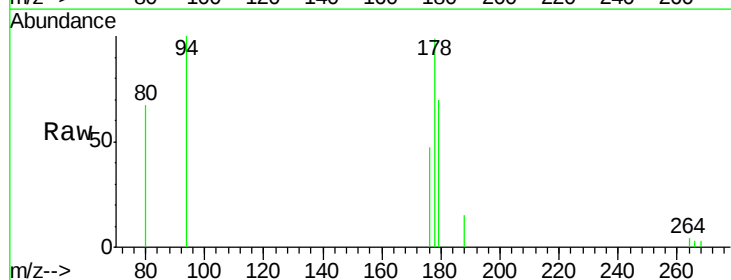
Instrument :
 BNA_M
 ClientSampleId :
 JG9H6

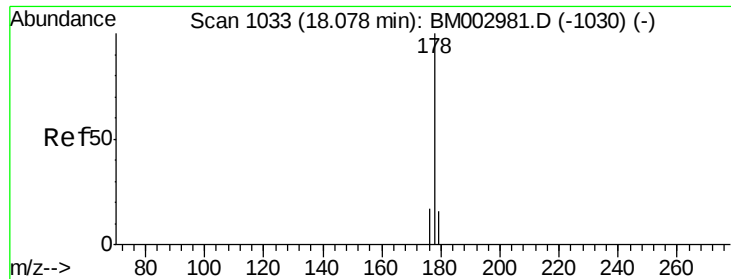
Tot Ion:266 Resp: 1617
 Ion Ratio Lower Upper
 266 100
 264 58.3 53.5 80.3
 268 54.5 54.2 81.2



#14
 Phenanthrene
 Concen: 0.15 ng/ul
 RT: 17.98 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BM002990.D
 Acq: 22 Oct 2015 23:03

Tgt Ion:178 Resp: 14716
 Ion Ratio Lower Upper
 178 100
 176 47.7 16.2 24.4#
 179 71.2 12.8 19.2#





#15

Anthracene

Concen: 0.07 ng/ul

RT: 18.08 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BM002990.D

Acq: 22 Oct 2015 23:03

Instrument :

BNA_M

ClientSampleId :

JG9H6

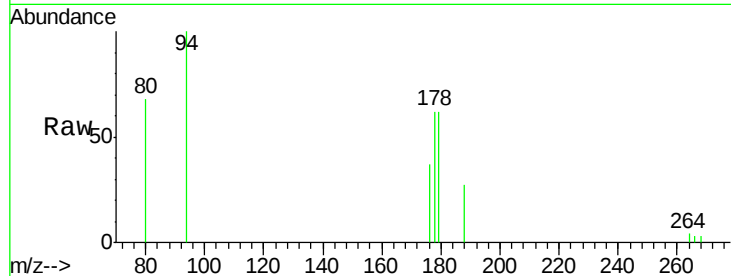
Tot Ion:178 Resp: 5940

Ion Ratio Lower Upper

178 100

176 60.3 15.8 23.8#

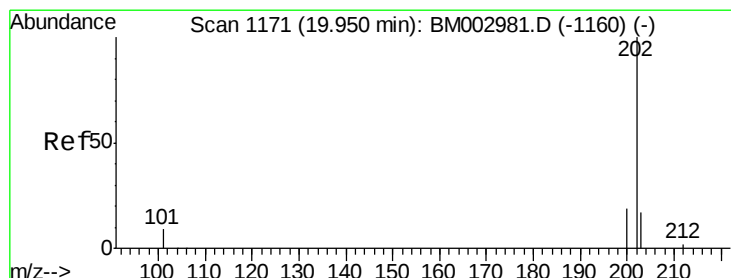
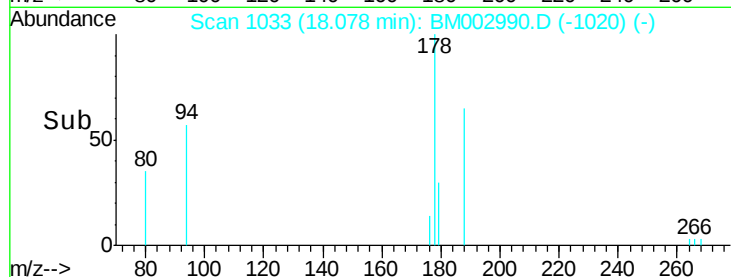
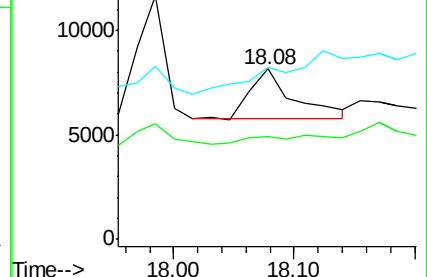
179 100.6 13.3 19.9#



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: 0.19 ng/ul

RT: 19.95 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BM002990.D

Acq: 22 Oct 2015 23:03

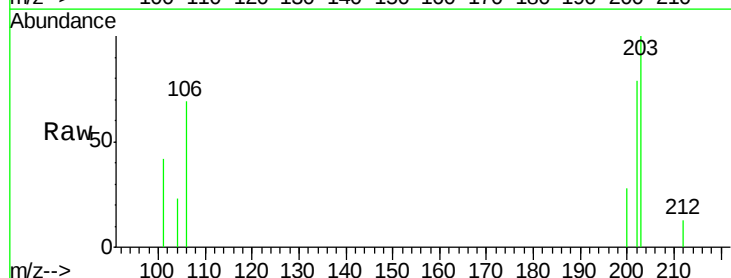
Tgt Ion:202 Resp: 21151

Ion Ratio Lower Upper

202 100

101 53.3 0.0 33.1#

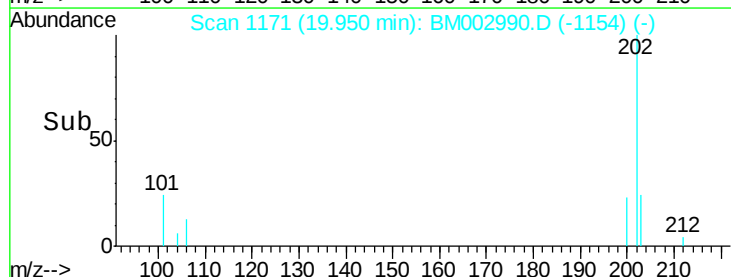
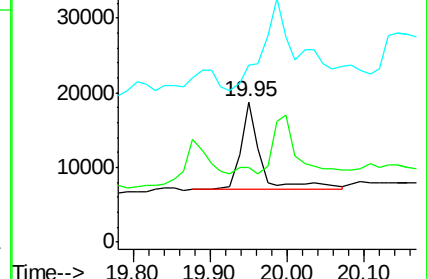
203 126.3 0.0 37.2#

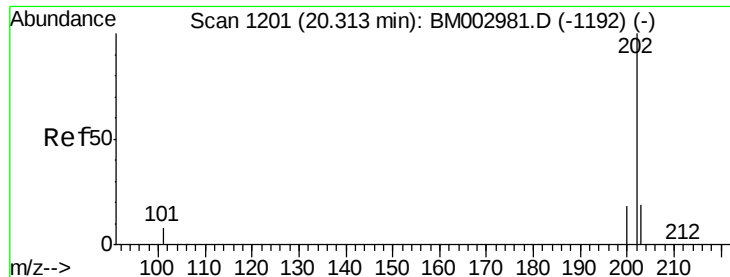


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

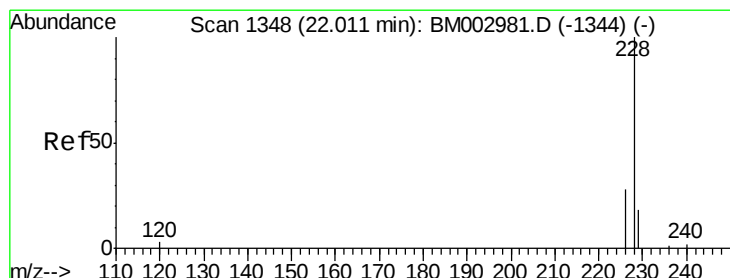
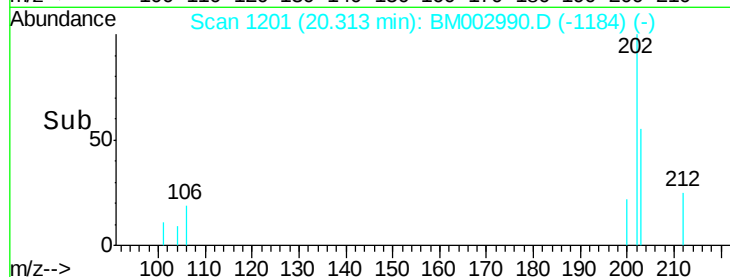
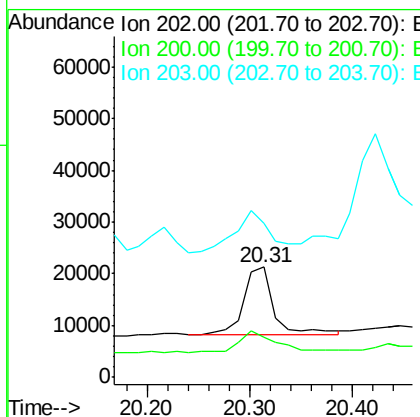
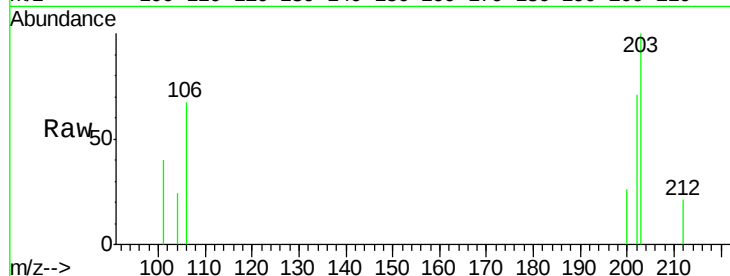




#19
Pvrene
Concen: 0.35 ng/ul
RT: 20.31 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BM002990.D
Acq: 22 Oct 2015 23:03

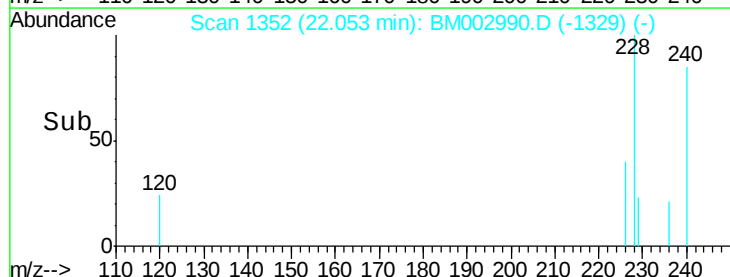
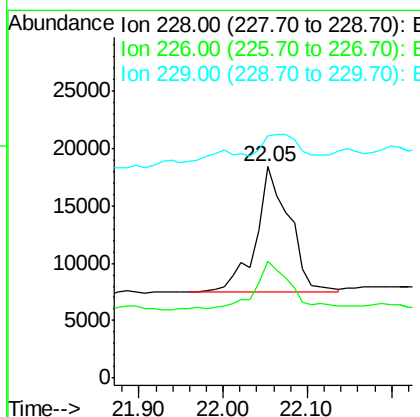
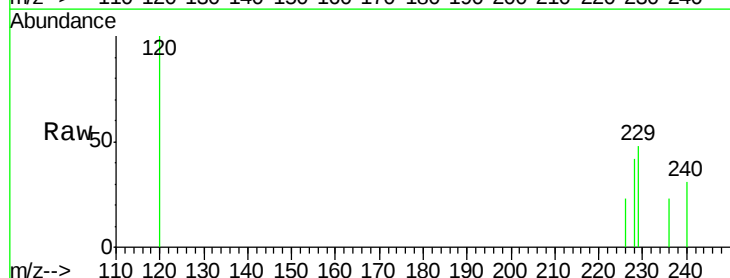
Instrument :
BNA_M
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JG9H6

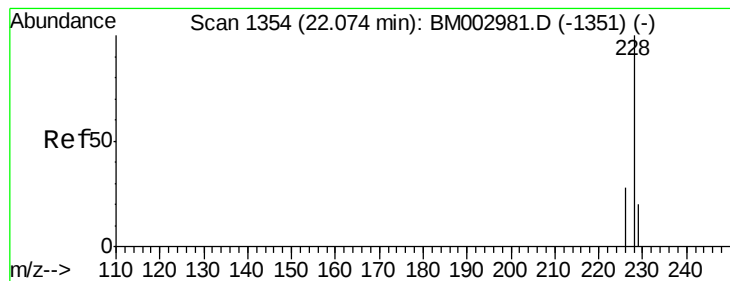
Tot Ion:202 Resp: 27455
Ion Ratio Lower Upper
202 100
200 36.1 18.0 27.0#
203 140.1 13.8 20.6#



#20
Benzo(a)anthracene
Concen: 0.42 ng/ul
RT: 22.05 min Scan# 1352
Delta R.T. 0.04 min
Lab File: BM002990.D
Acq: 22 Oct 2015 23:03

Tgt Ion:228 Resp: 30384
Ion Ratio Lower Upper
228 100
226 55.0 23.0 34.4#
229 114.8 15.2 22.8#





#21

Chrysene

Concen: 0.41 ng/ul

RT: 22.05 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BM002990.D

Acq: 22 Oct 2015 23:03

Instrument :

BNA_M

ClientSampleId :

JG9H6

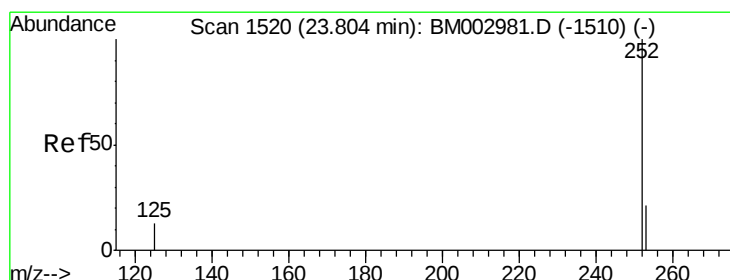
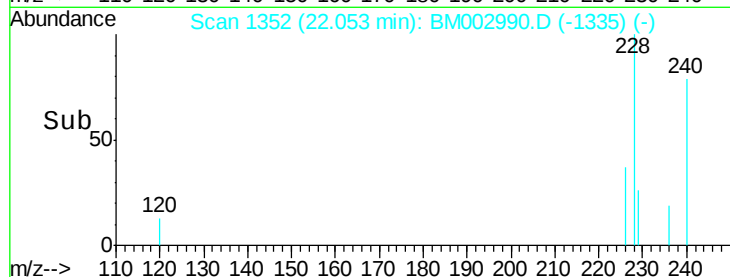
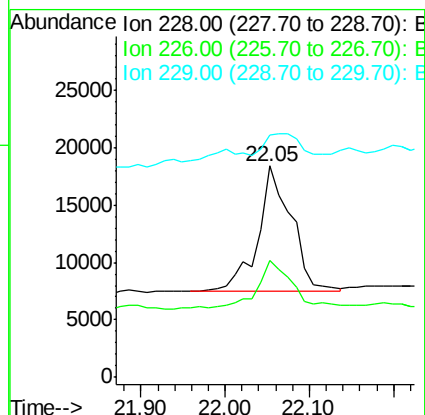
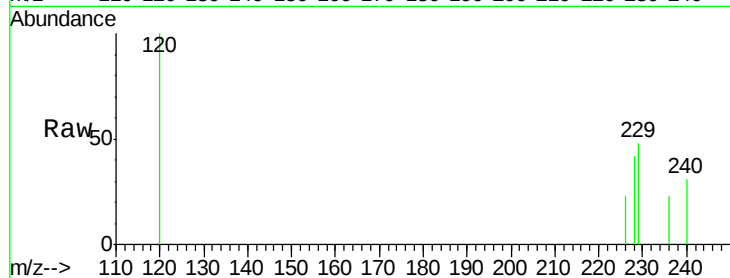
Tot Ion:228 Resp: 30384

Ion Ratio Lower Upper

228 100

226 55.0 25.7 38.5#

229 114.8 15.2 22.8#



#23

Benzo(b)fluoranthene

Concen: 0.37 ng/ul

RT: 23.85 min Scan# 1524

Delta R.T. 0.04 min

Lab File: BM002990.D

Acq: 22 Oct 2015 23:03

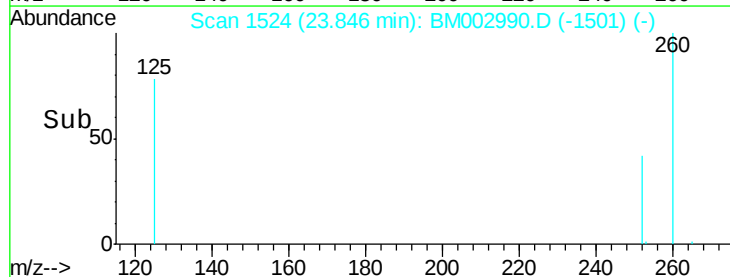
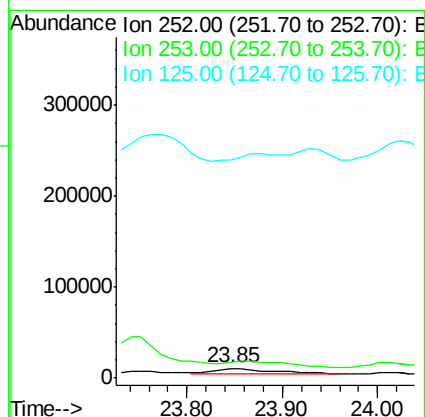
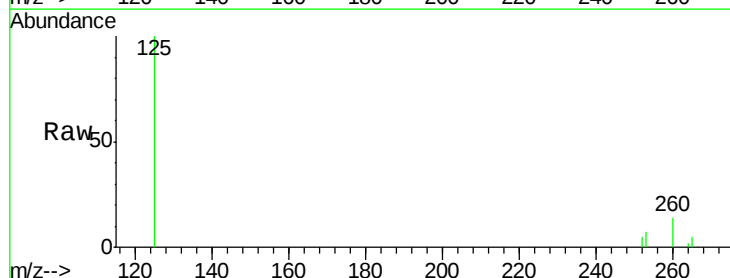
Tgt Ion:252 Resp: 20102

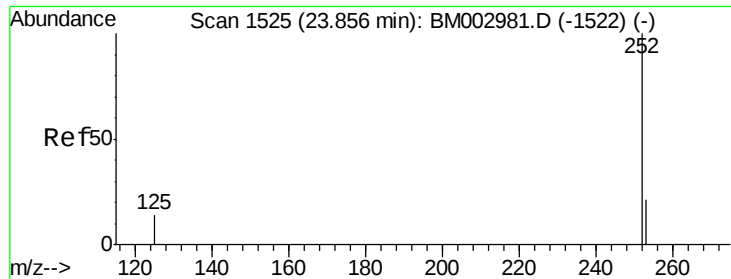
Ion Ratio Lower Upper

252 100

253 161.8 0.0 48.0#

125 2197.7 0.0 36.6#





#24

Benzo(k)fluoranthene

Concen: 0.38 ng/ul

RT: 23.85 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BM002990.D

Acq: 22 Oct 2015 23:03

Instrument :

BNA_M

ClientSampleId :

JG9H6

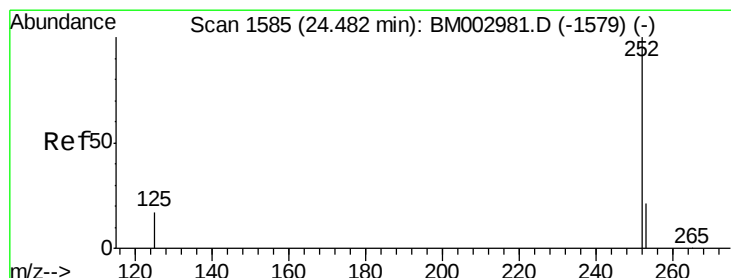
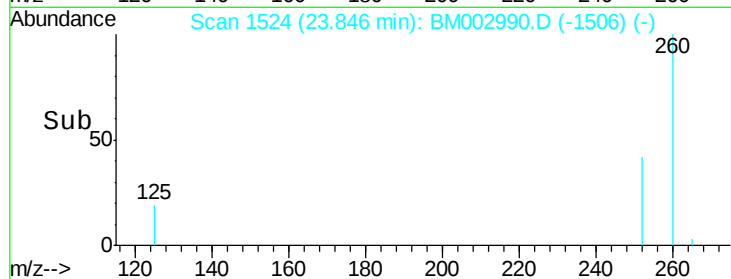
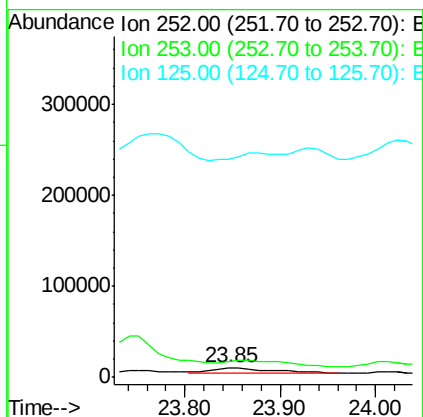
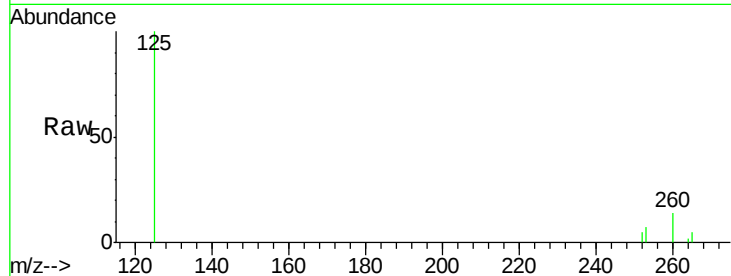
Tot Ion:252 Resp: 20102

Ion Ratio Lower Upper

252 100

253 161.8 20.8 31.2#

125 2197.7 12.2 18.4#



#25

Benzo(a)pyrene

Concen: 0.06 ng/ul

RT: 24.54 min Scan# 1591

Delta R.T. 0.06 min

Lab File: BM002990.D

Acq: 22 Oct 2015 23:03

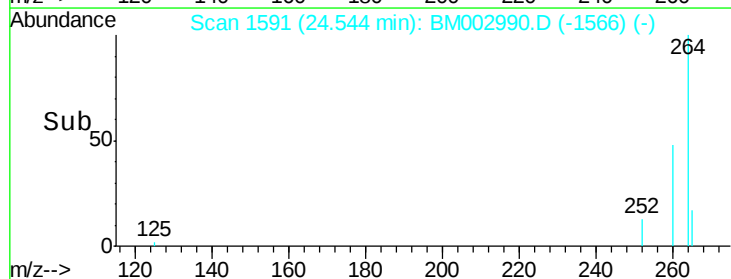
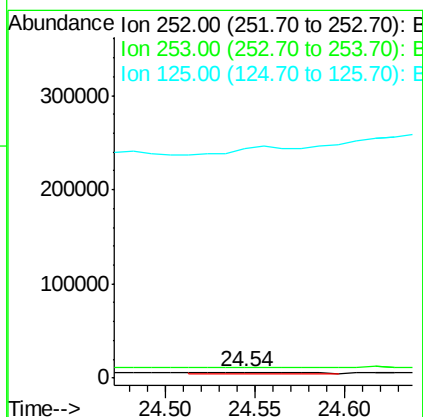
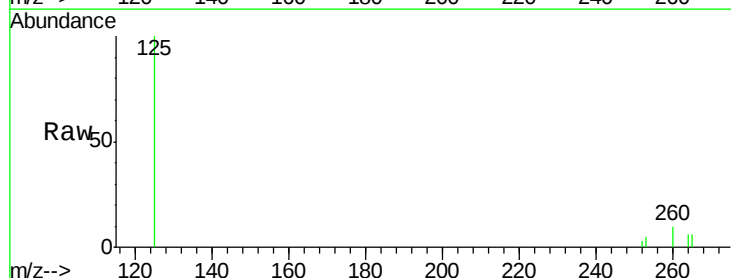
Tgt Ion:252 Resp: 3252

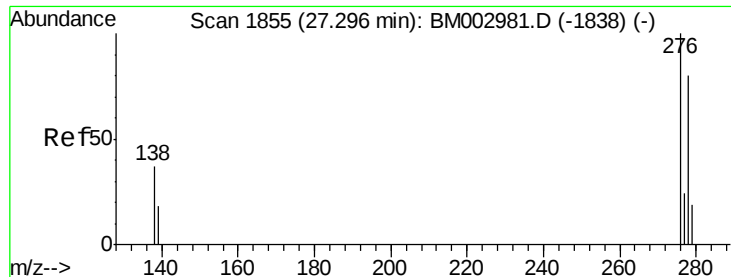
Ion Ratio Lower Upper

252 100

253 175.0 21.8 32.8#

125 3722.1 14.5 21.7#





#26

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng/ul

RT: 27.31 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BM002990.D

Acq: 22 Oct 2015 23:03

Instrument :

BNA_M

ClientSampleId :

JG9H6

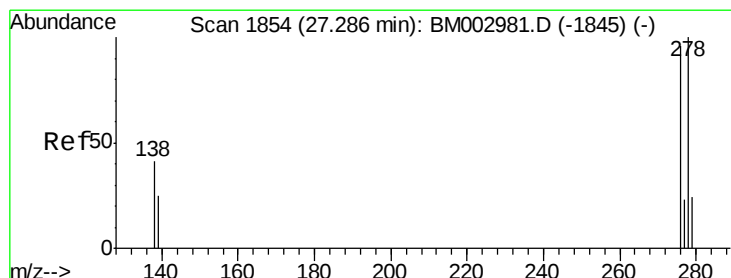
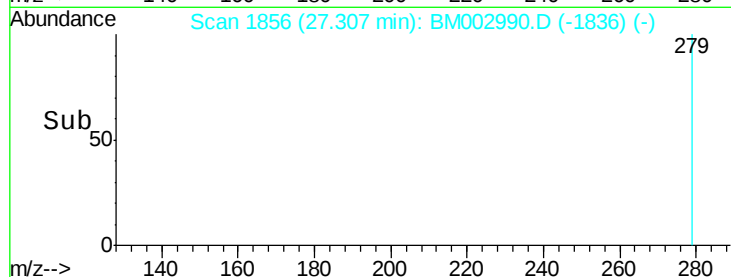
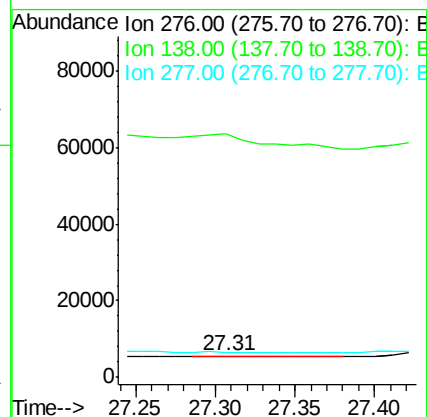
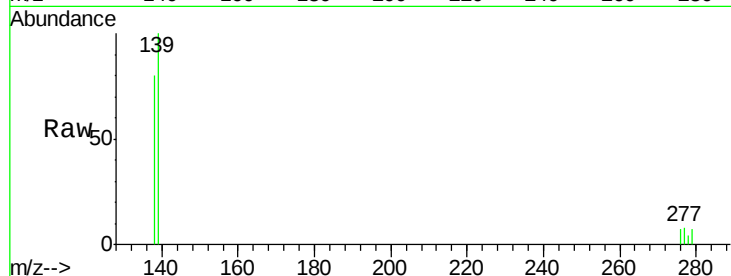
Tot Ion:276 Resp: 673

Ion Ratio Lower Upper

276 100

138 0.0 27.5 41.3#

277 0.0 19.3 28.9#



#27

Dibenzo(a,h)anthracene

Concen: 0.06 ng/ul

RT: 27.43 min Scan# 1868

Delta R.T. 0.15 min

Lab File: BM002990.D

Acq: 22 Oct 2015 23:03

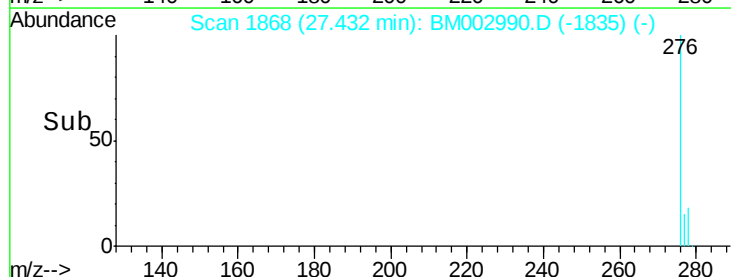
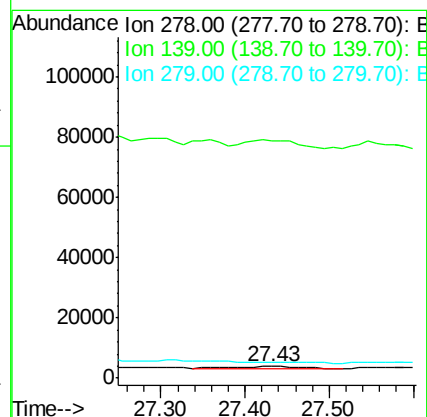
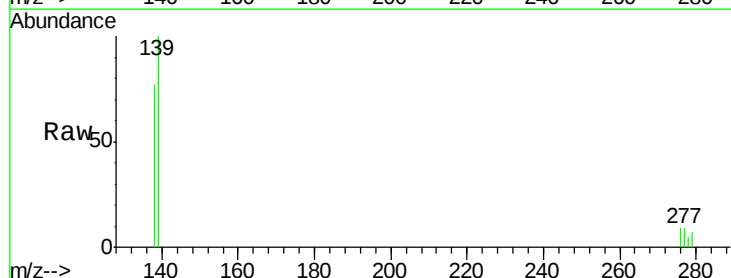
Tgt Ion:278 Resp: 2924

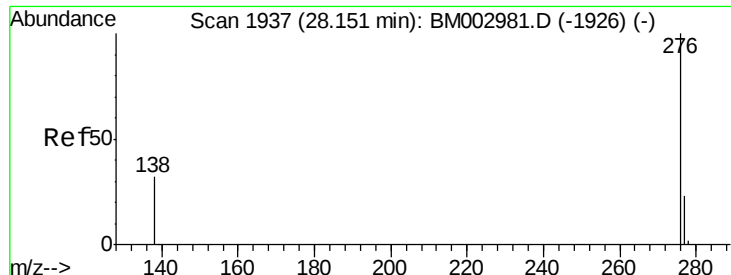
Ion Ratio Lower Upper

278 100

139 2073.5 21.7 32.5#

279 142.8 21.9 32.9#





#28

Benzo(a,h,i)perylene

Concen: 0.28 ng/ul

RT: 28.33 min Scan# 1954

Delta R.T. 0.18 min

Lab File: BM002990.D

Acq: 22 Oct 2015 23:03

Instrument :

BNA_M

ClientSampleId :

JG9H6

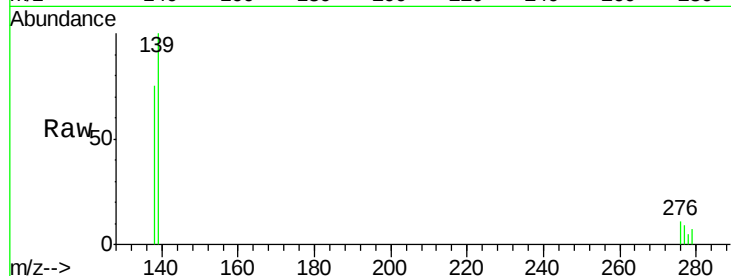
Tot Ion: 276 Resp: 13058

Ion Ratio Lower Upper

276 100

277 88.2 21.3 31.9#

138 700.4 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

