

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002986.D
 Acq On : 22 Oct 2015 20:38
 Operator : UM/IZ
 Sample : G4074-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9H1

Quant Time: Oct 23 02:01:30 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

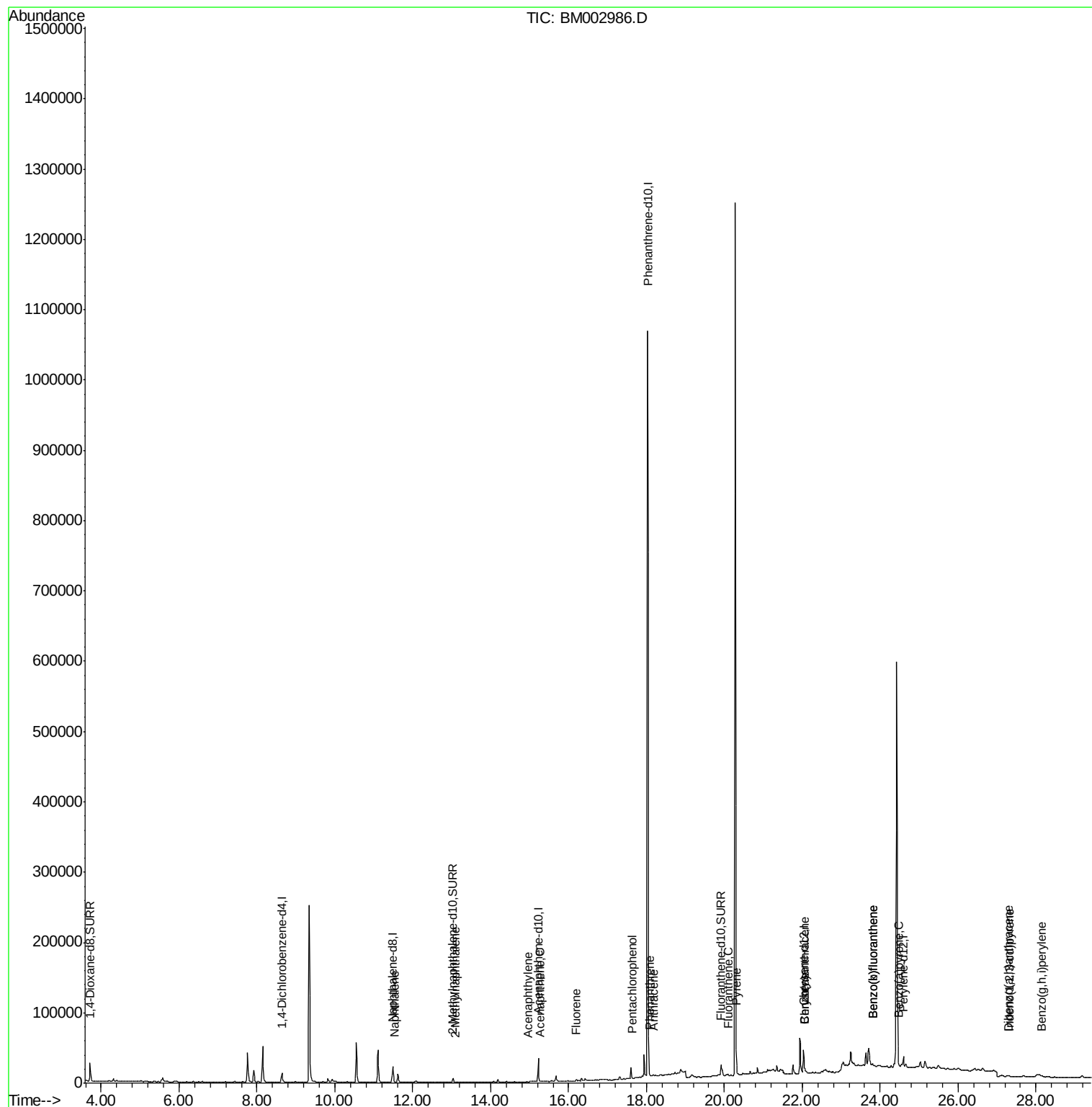
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	8424	0.40	ng/ul	0.00
4) Naphthalene-d8	11.48	136	36047	0.40	ng/ul	-0.01
8) Acenaphthene-d10	15.23	164	19633	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	1481631	0.40	ng/ul	0.09
18) Chrysene-d12	22.03	240	28338	0.40	ng/ul	0.00
22) Perylene-d12	24.60	264	24686	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.71	96	21334	2.37	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.03	152	9551	0.16	ng/ul	-0.01
16) Fluoranthene-d10	19.92	212	17074	0.00	ng/ul	-0.01
Target Compounds				Ovalue		
5) Naphthalene	11.53	128	597	0.01	ng/ul#	35
7) 2-Methylnaphthalene	13.10	142	533	0.01	ng/ul#	59
9) Acenaphthylene	14.96	152	522	0.00	ng/ul#	1
10) Acenaphthene	15.28	153	166	0.00	ng/ul#	64
11) Fluorene	16.20	166	3149	0.04	ng/ul#	23
13) Pentachlorophenol	17.63	266	221	0.00	ng/ul#	26
14) Phenanthrene	18.08	178	1380	0.00	ng/ul#	1
15) Anthracene	18.18	178	304	0.00	ng/ul#	1
17) Fluoranthene	20.10	202	378	0.00	ng/ul#	1
19) Pyrene	20.30	202	8439	0.08	ng/ul#	32
20) Benzo(a)anthracene	22.07	228	12406	0.13	ng/ul#	32
21) Chrysene	22.07	228	12406	0.13	ng/ul#	39
23) Benzo(b)fluoranthene	23.81	252	6429	0.07	ng/ul#	1
24) Benzo(k)fluoranthene	23.81	252	6429	0.08	ng/ul#	1
25) Benzo(a)pyrene	24.47	252	1150	0.01	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	27.31	276	1762	0.02	ng/ul#	51
27) Dibenzo(a,h)anthracene	27.29	278	1050	0.01	ng/ul#	1
28) Benzo(a,h,i)perylene	28.15	276	4474	0.06	ng/ul#	1

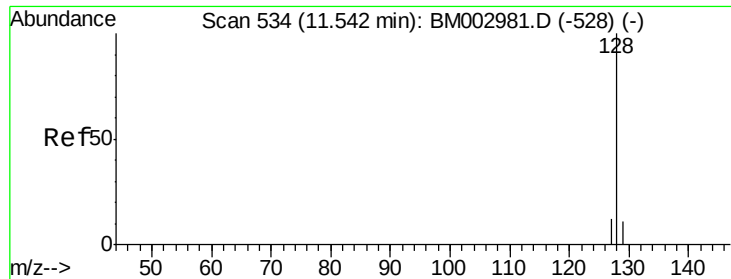
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
Data File : BM002986.D
Acq On : 22 Oct 2015 20:38
Operator : UM/IZ
Sample : G4074-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JG9H1

Quant Time: Oct 23 02:01:30 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





#5

Naphthalene

Concen: 0.01 ng/ul

RT: 11.53 min Scan# 533

Delta R.T. -0.01 min

Lab File: BM002986.D

Acq: 22 Oct 2015 20:38

Instrument :

BNA_M

ClientSampleId :

JG9H1

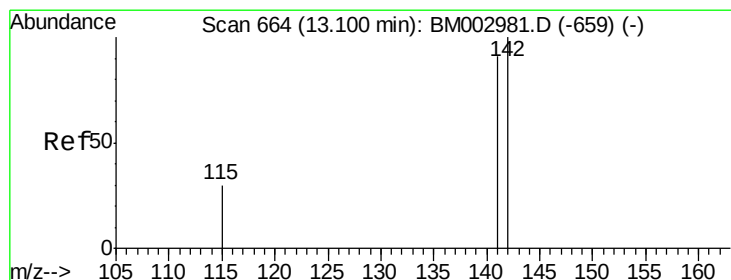
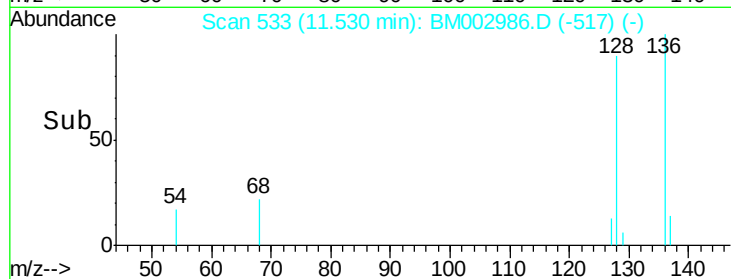
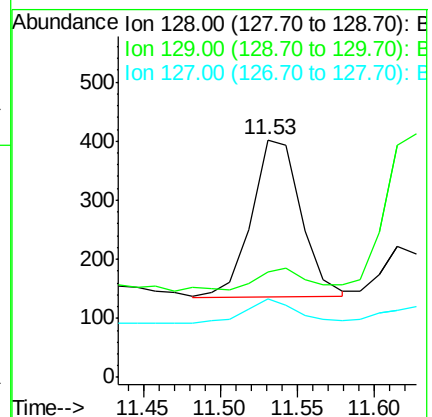
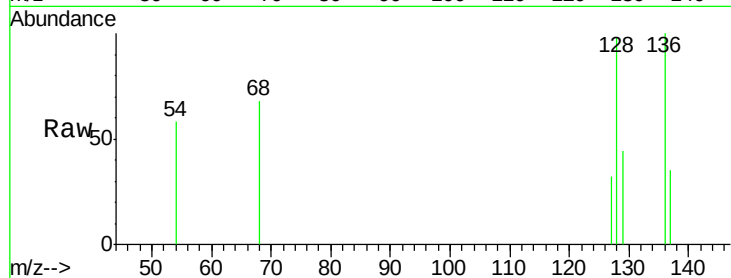
Tot Ion:128 Resp: 597

Ion Ratio Lower Upper

128 100

129 44.5 9.8 14.8#

127 33.1 10.7 16.1#



#7

2-Methylnaphthalene

Concen: 0.01 ng/ul

RT: 13.10 min Scan# 664

Delta R.T. 0.00 min

Lab File: BM002986.D

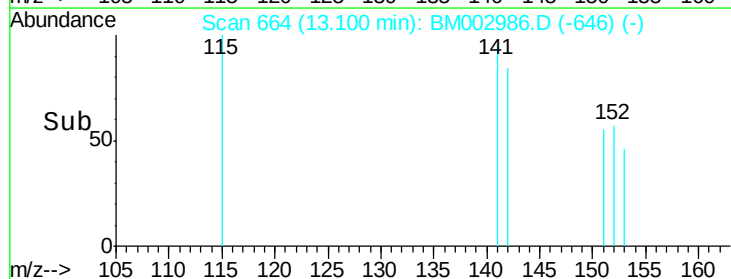
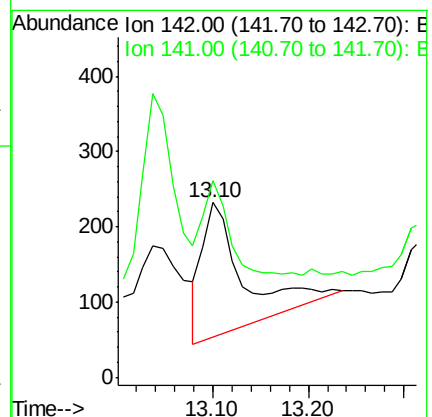
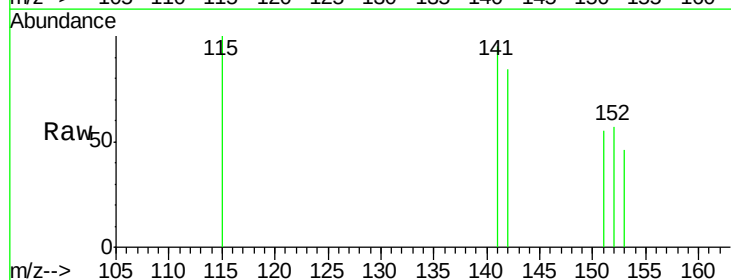
Acq: 22 Oct 2015 20:38

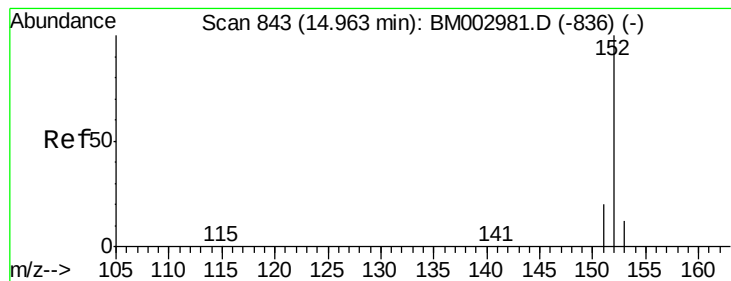
Tgt Ion:142 Resp: 533

Ion Ratio Lower Upper

142 100

141 126.3 70.3 105.5#





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.96 min Scan# 843

Delta R.T. 0.00 min

Lab File: BM002986.D

Acq: 22 Oct 2015 20:38

Instrument :

BNA_M

ClientSampleId :

JG9H1

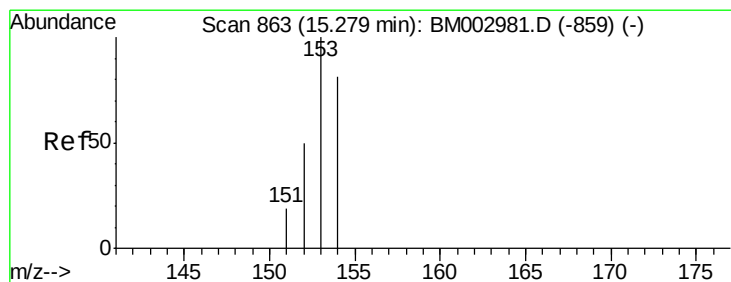
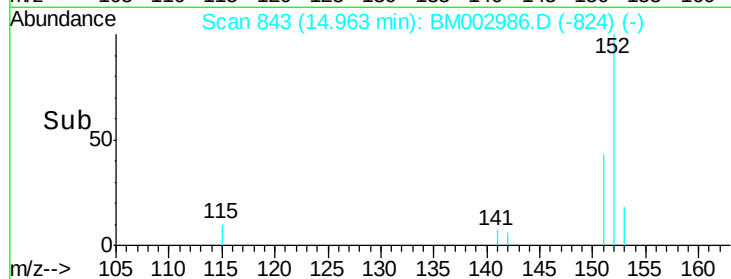
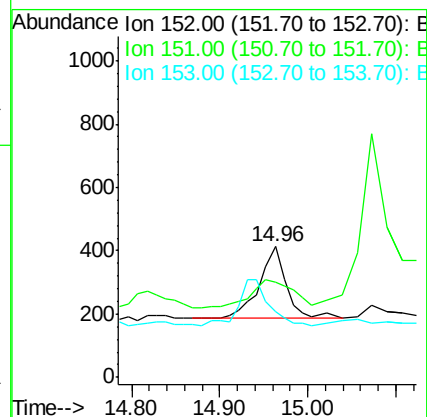
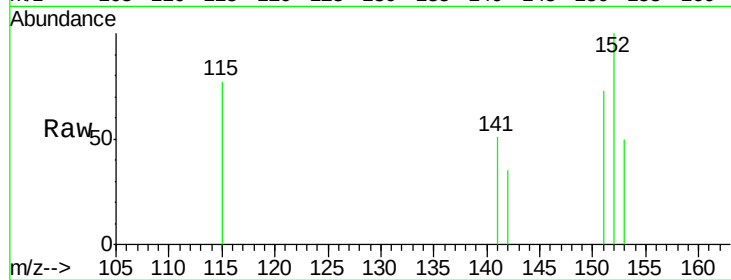
Tot Ion:152 Resp: 522

Ion Ratio Lower Upper

152 100

151 73.1 16.8 25.2#

153 50.4 11.3 16.9#



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 15.28 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM002986.D

Acq: 22 Oct 2015 20:38

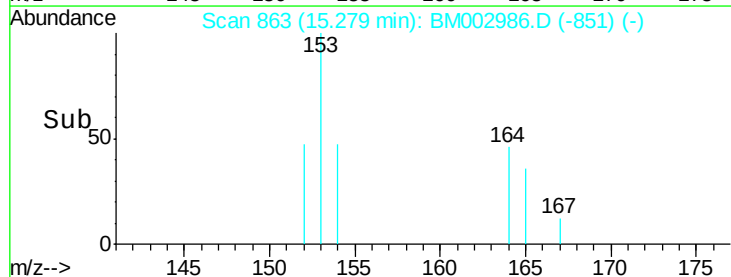
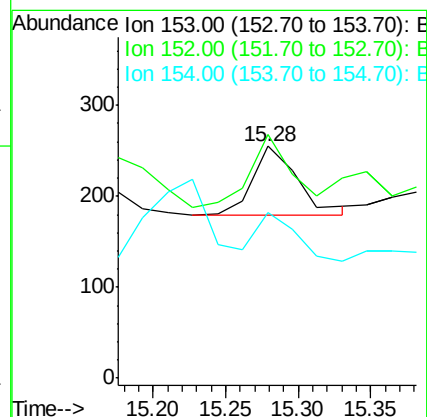
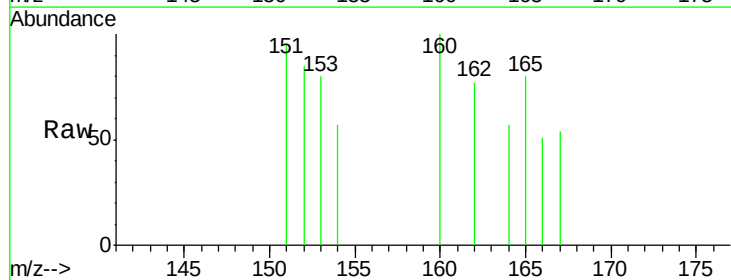
Tgt Ion:153 Resp: 166

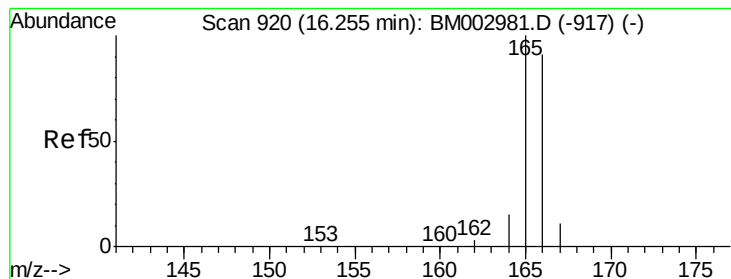
Ion Ratio Lower Upper

153 100

152 105.1 42.3 63.5#

154 71.4 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: BM002986.D

Acq: 22 Oct 2015 20:38

Instrument :

BNA_M

ClientSampleId :

JG9H1

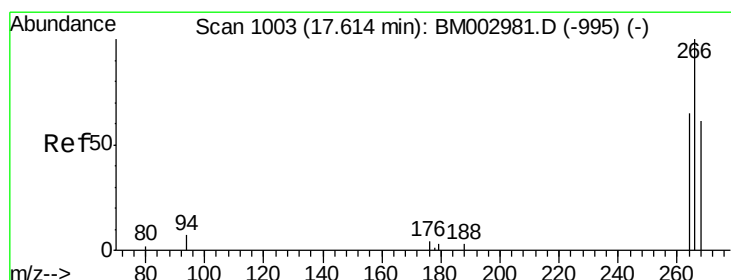
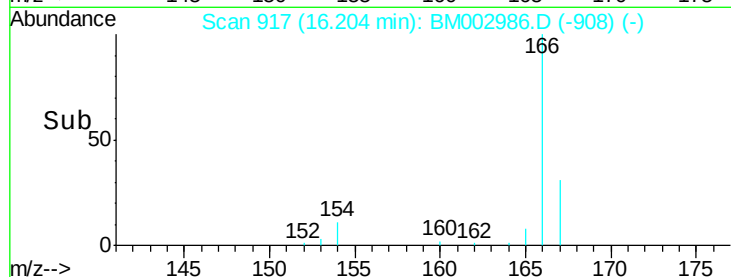
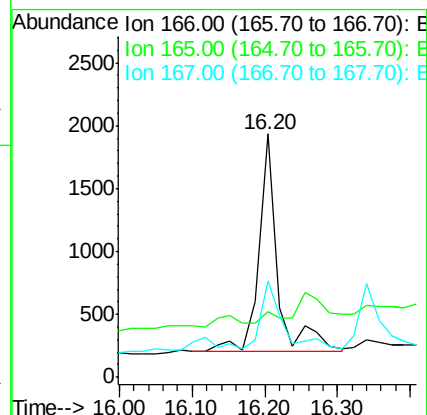
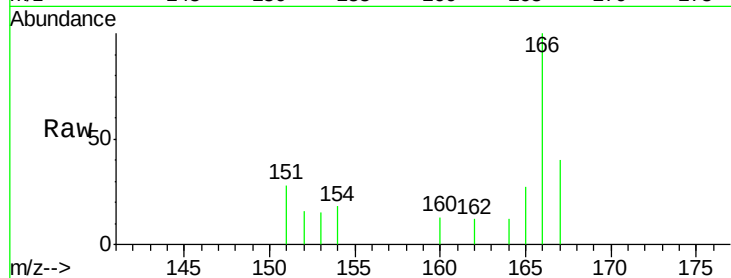
Tot Ion:166 Resp: 3149

Ion Ratio Lower Upper

166 100

165 26.9 87.6 131.4#

167 39.7 11.1 16.7#



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 17.63 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BM002986.D

Acq: 22 Oct 2015 20:38

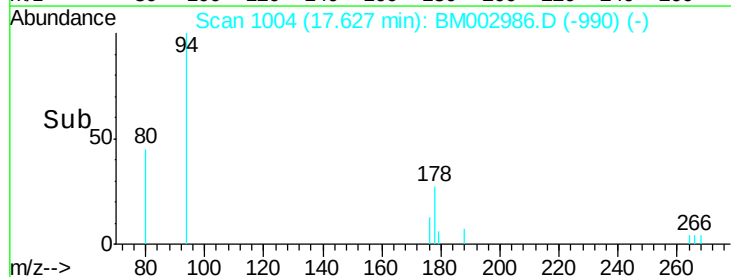
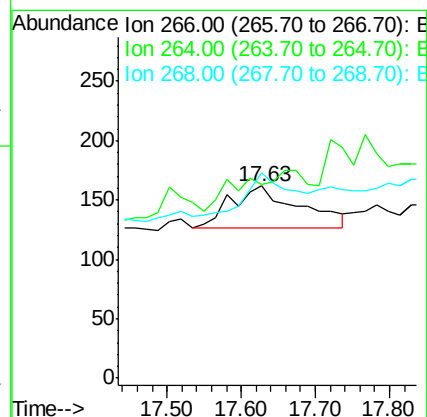
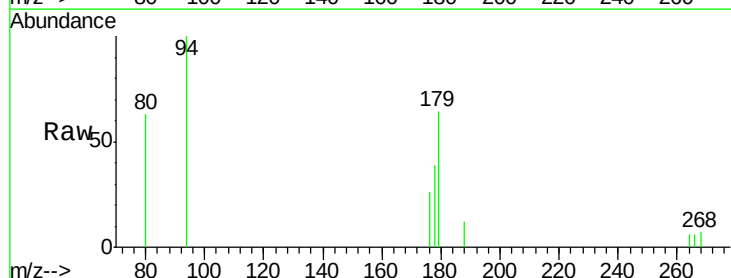
Tgt Ion:266 Resp: 221

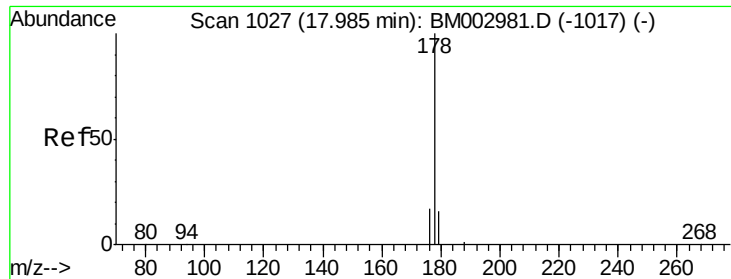
Ion Ratio Lower Upper

266 100

264 0.0 53.5 80.3#

268 119.9 54.2 81.2#





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 18.08 min Scan# 1033

Delta R.T. 0.09 min

Lab File: BM002986.D

Acq: 22 Oct 2015 20:38

Instrument :

BNA_M

ClientSampleId :

JG9H1

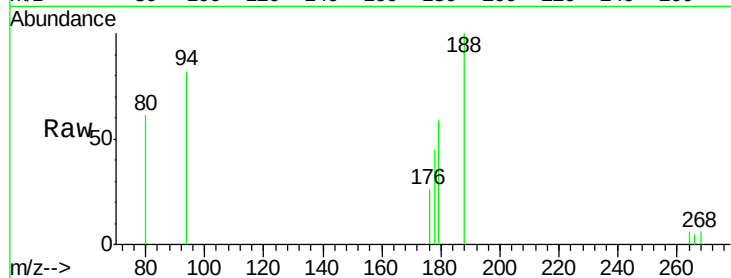
Tot Ion:178 Resp: 1380

Ion Ratio Lower Upper

178 100

176 58.2 16.2 24.4#

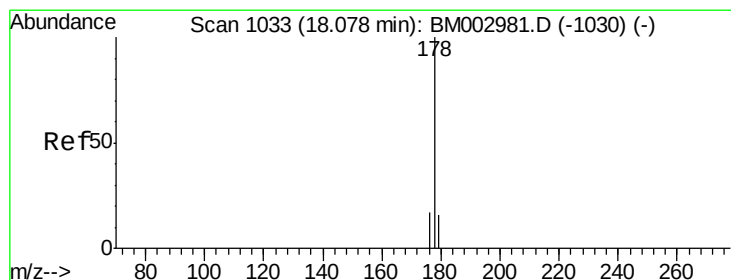
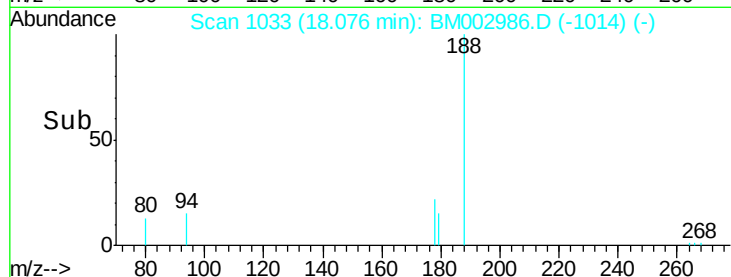
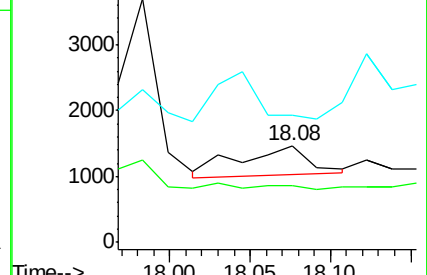
179 131.2 12.8 19.2#



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: 18.18 min Scan# 1040

Delta R.T. 0.11 min

Lab File: BM002986.D

Acq: 22 Oct 2015 20:38

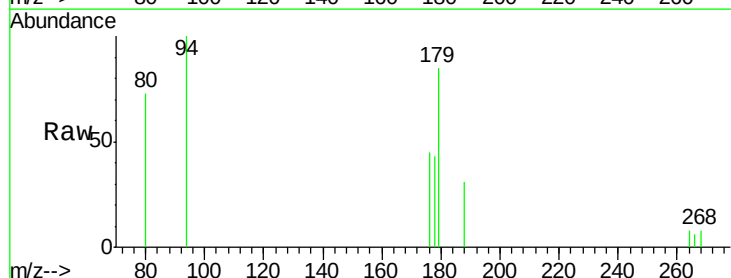
Tgt Ion:178 Resp: 304

Ion Ratio Lower Upper

178 100

176 104.0 15.8 23.8#

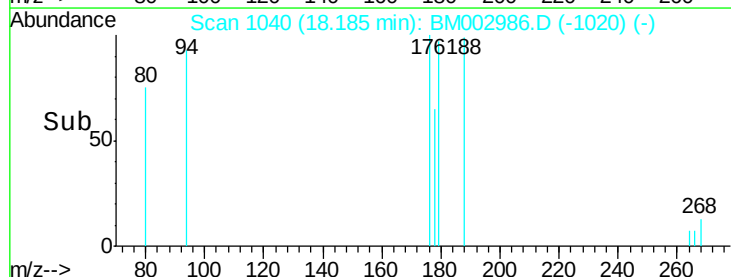
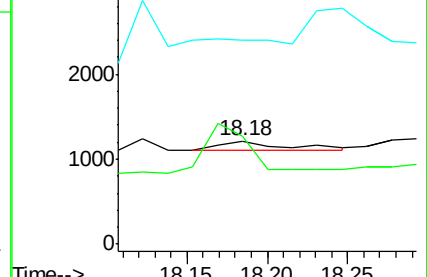
179 197.2 13.3 19.9#

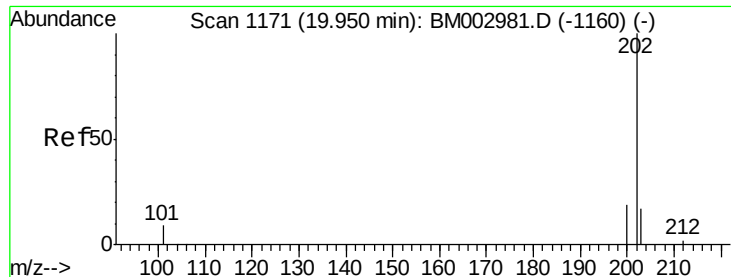


Abundance Ion 178.00 (177.70 to 178.70): E

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: 20.10 min Scan# 1183

Delta R.T. 0.15 min

Lab File: BM002986.D

Acq: 22 Oct 2015 20:38

Instrument :

BNA_M

ClientSampleId :

JG9H1

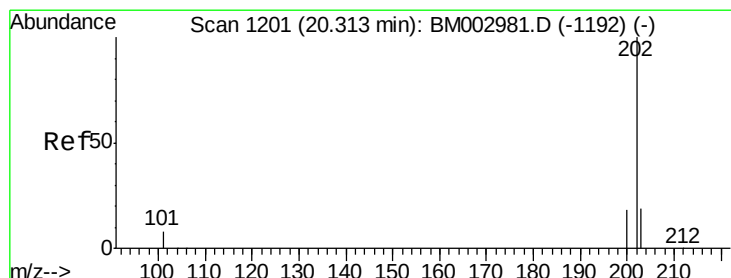
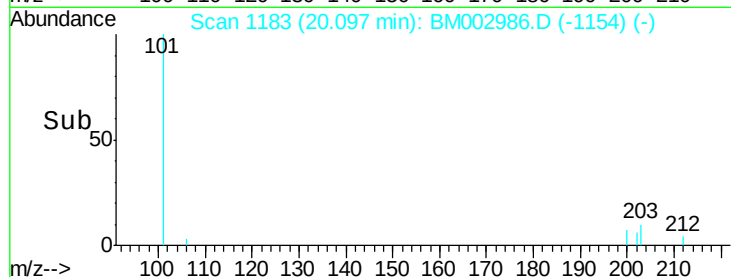
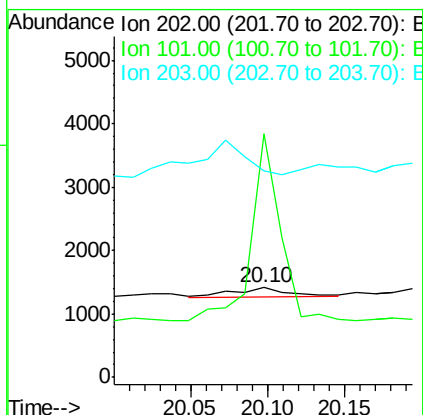
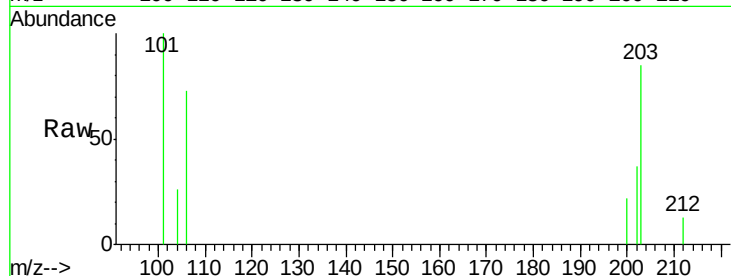
Tot Ion:202 Resp: 378

Ion Ratio Lower Upper

202 100

101 271.8 0.0 33.1#

203 230.3 0.0 37.2#



#19

Pyrene

Concen: 0.08 ng/ul

RT: 20.30 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BM002986.D

Acq: 22 Oct 2015 20:38

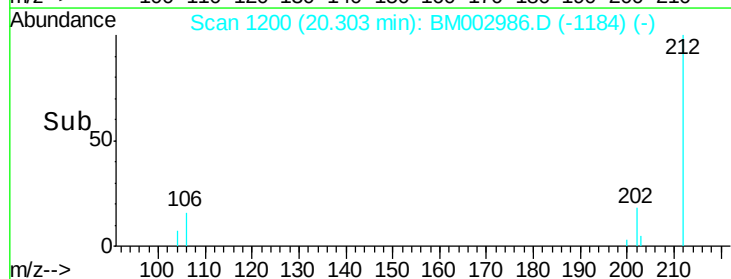
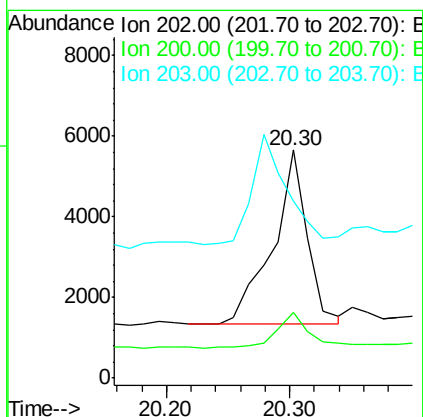
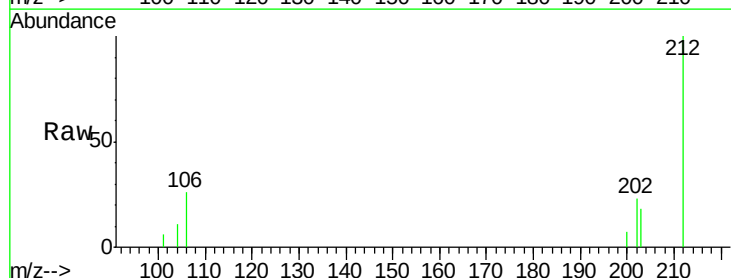
Tgt Ion:202 Resp: 8439

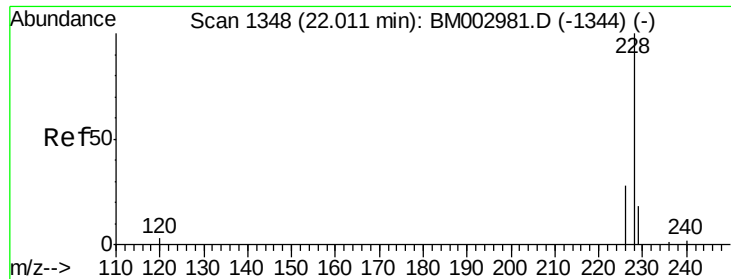
Ion Ratio Lower Upper

202 100

200 29.1 18.0 27.0#

203 77.9 13.8 20.6#





#20

Benzo(a)anthracene

Concen: 0.13 ng/ul

RT: 22.07 min Scan# 1353

Delta R.T. 0.05 min

Lab File: BM002986.D

Acq: 22 Oct 2015 20:38

Instrument :

BNA_M

ClientSampleId :

JG9H1

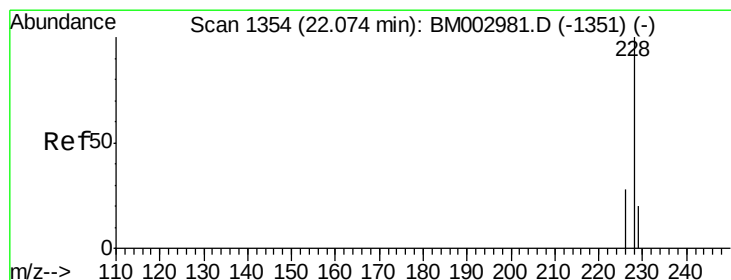
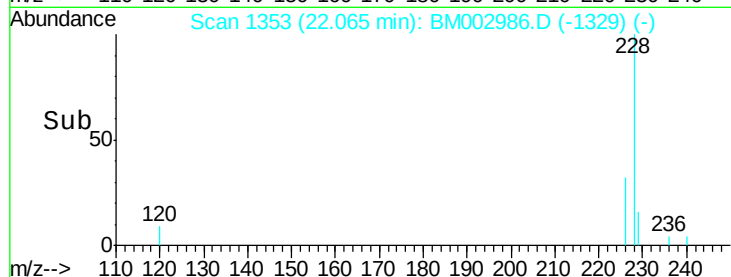
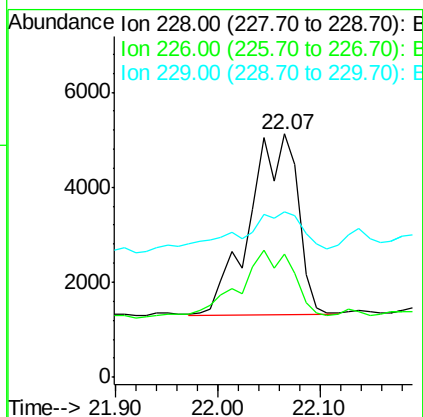
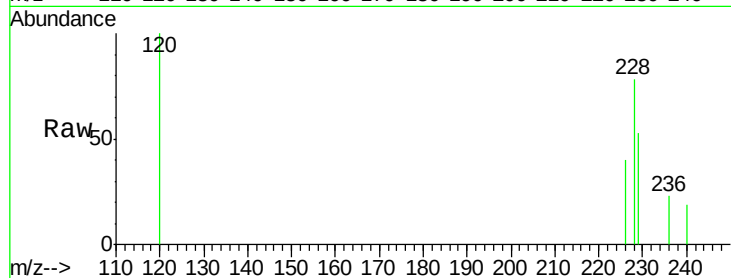
Tot Ion:228 Resp: 12406

Ion Ratio Lower Upper

228 100

226 50.7 23.0 34.4#

229 67.9 15.2 22.8#



#21

Chrysene

Concen: 0.13 ng/ul

RT: 22.07 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BM002986.D

Acq: 22 Oct 2015 20:38

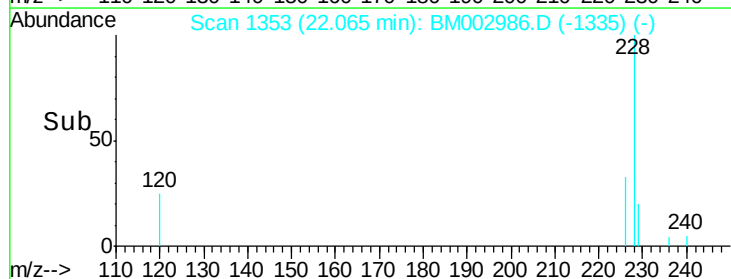
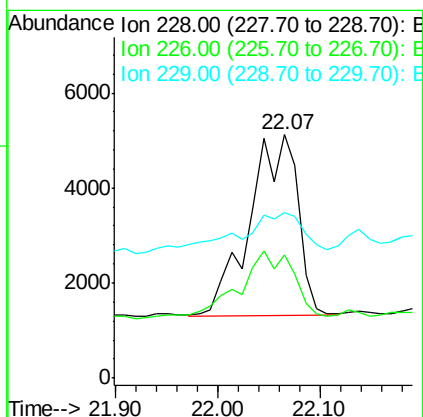
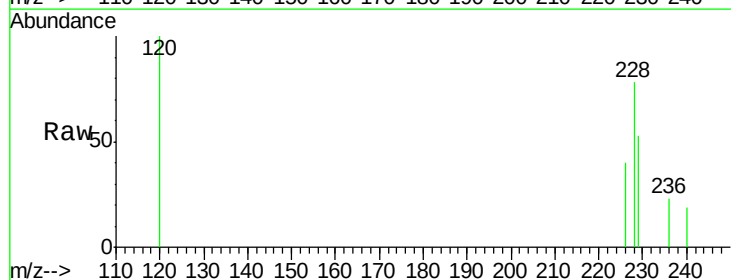
Tgt Ion:228 Resp: 12406

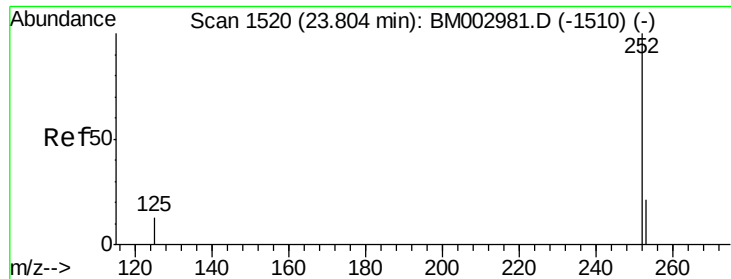
Ion Ratio Lower Upper

228 100

226 50.7 25.7 38.5#

229 67.9 15.2 22.8#





#23

Benzo(b)fluoranthene

Concen: 0.07 ng/ul

RT: 23.81 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BM002986.D

Acq: 22 Oct 2015 20:38

Instrument :

BNA_M

ClientSampleId :

JG9H1

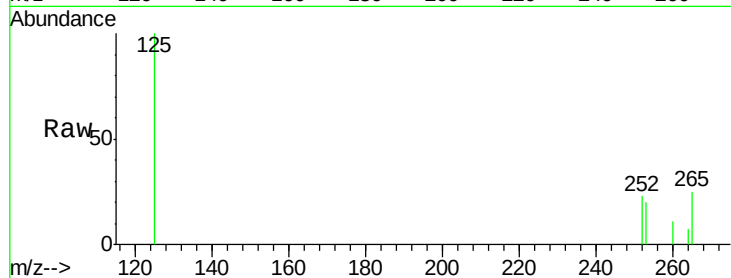
Tot Ion:252 Resp: 6429

Ion Ratio Lower Upper

252 100

253 88.0 0.0 48.0#

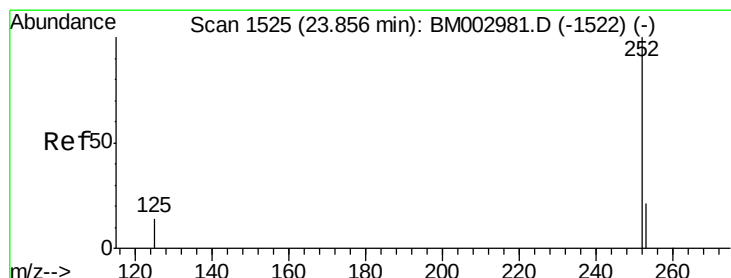
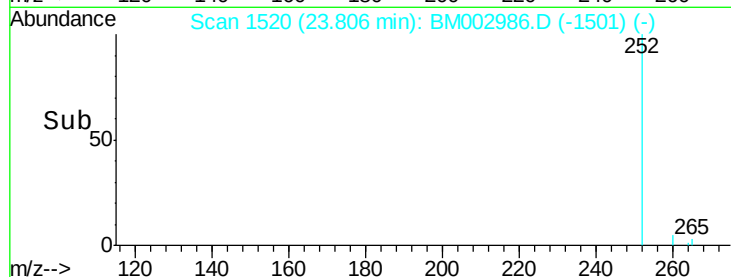
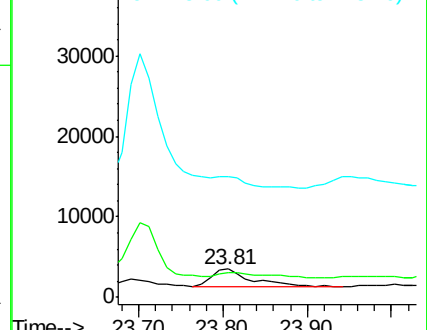
125 429.7 0.0 36.6#



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: 0.08 ng/ul

RT: 23.81 min Scan# 1520

Delta R.T. -0.05 min

Lab File: BM002986.D

Acq: 22 Oct 2015 20:38

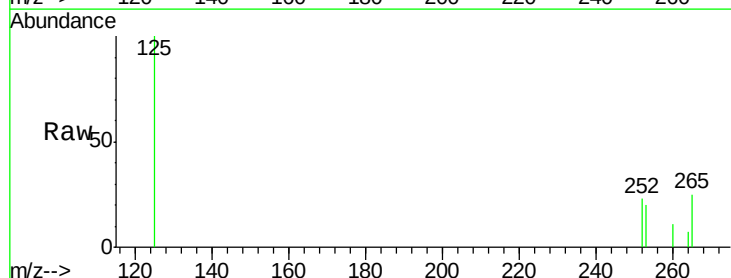
Tgt Ion:252 Resp: 6429

Ion Ratio Lower Upper

252 100

253 88.0 20.8 31.2#

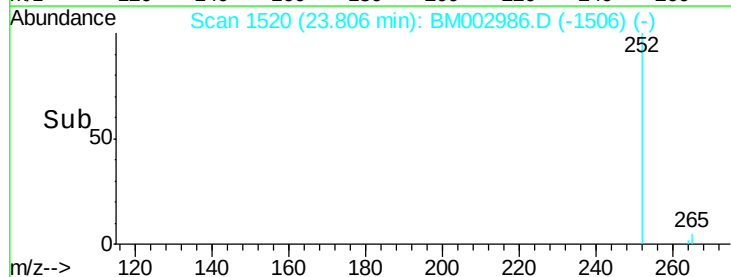
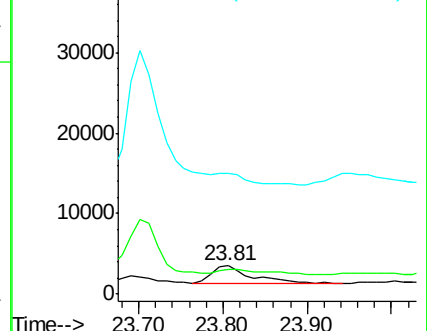
125 429.7 12.2 18.4#

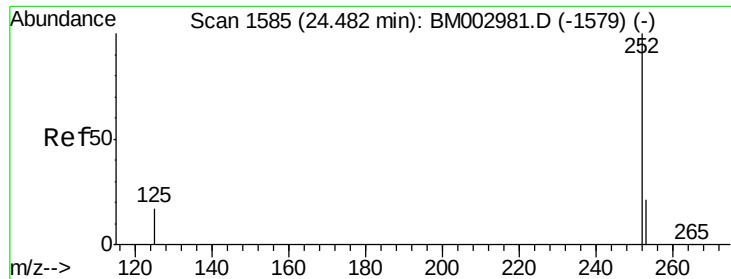


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.01 ng/ul

RT: 24.47 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BM002986.D

Acq: 22 Oct 2015 20:38

Instrument :

BNA_M

ClientSampleId :

JG9H1

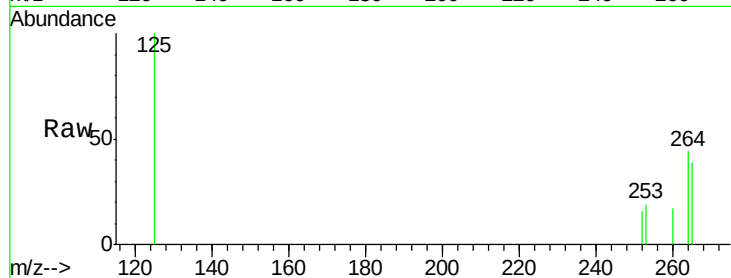
Tot Ion:252 Resp: 1150

Ion Ratio Lower Upper

252 100

253 119.1 21.8 32.8#

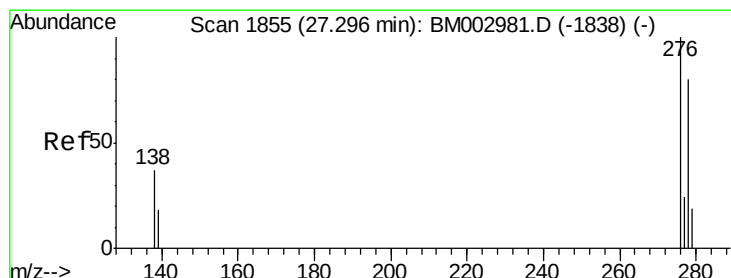
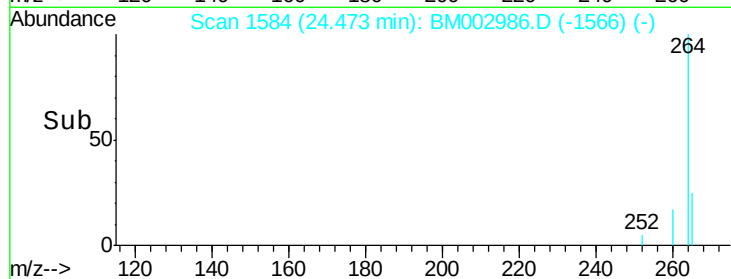
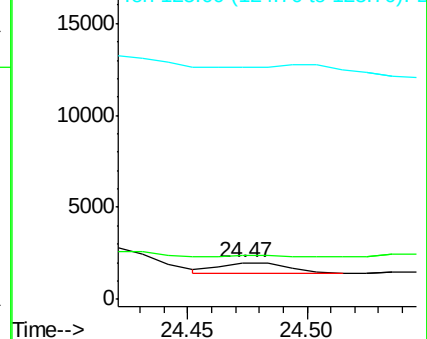
125 635.7 14.5 21.7#



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: 27.31 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BM002986.D

Acq: 22 Oct 2015 20:38

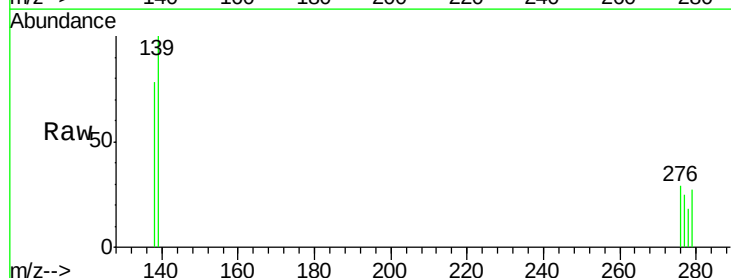
Tgt Ion:276 Resp: 1762

Ion Ratio Lower Upper

276 100

138 0.0 27.5 41.3#

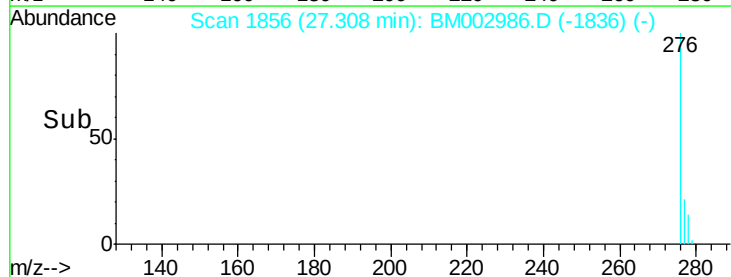
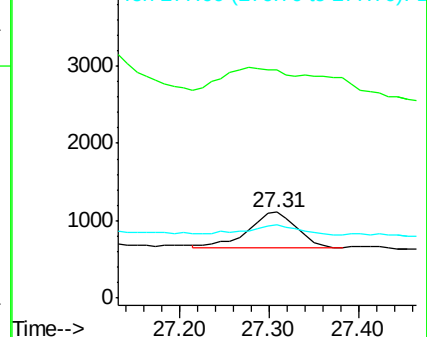
277 40.8 19.3 28.9#

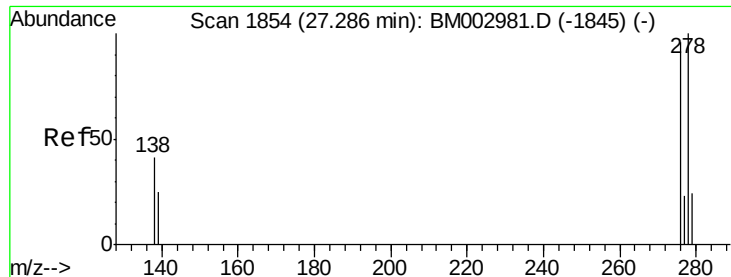


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.01 ng/ul

RT: 27.29 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BM002986.D

Acq: 22 Oct 2015 20:38

Instrument :

BNA_M

ClientSampleId :

JG9H1

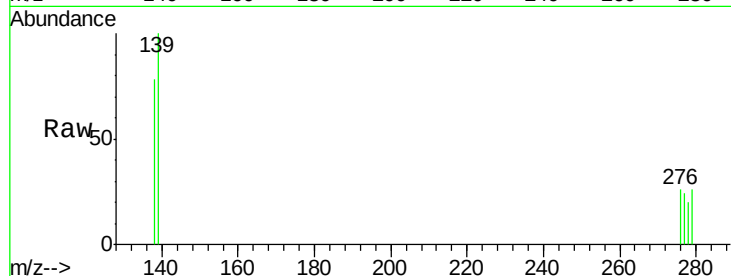
Tot Ion:278 Resp: 1050

Ion Ratio Lower Upper

278 100

139 509.7 21.7 32.5#

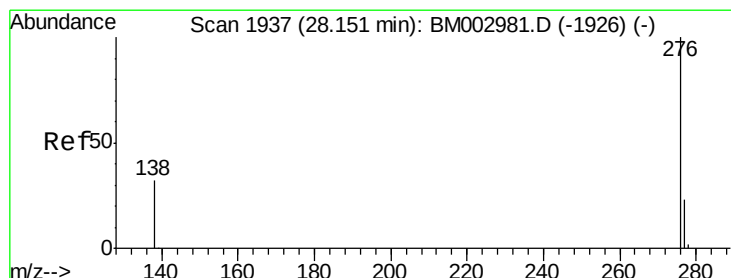
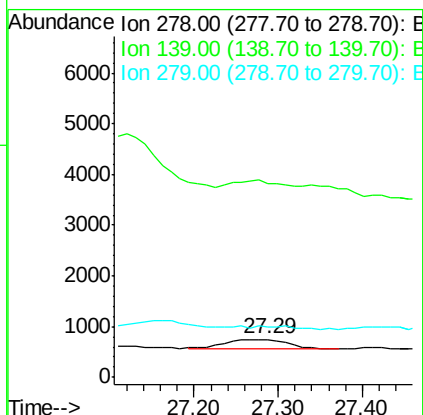
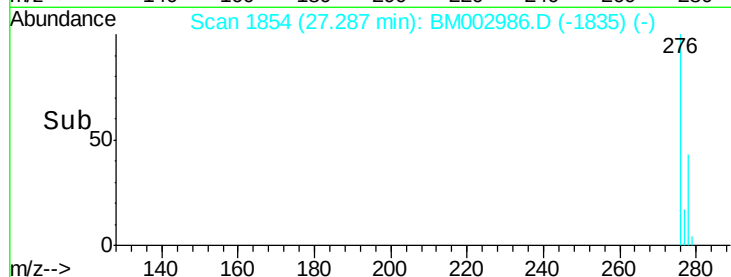
279 133.3 21.9 32.9#



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: 0.06 ng/ul

RT: 28.15 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BM002986.D

Acq: 22 Oct 2015 20:38

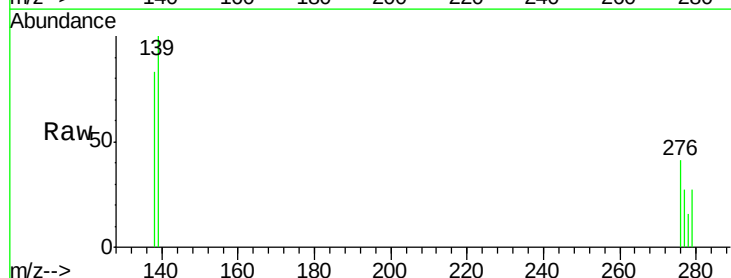
Tgt Ion:276 Resp: 4474

Ion Ratio Lower Upper

276 100

277 65.8 21.3 31.9#

138 200.0 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

