

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002993.D
 Acq On : 23 Oct 2015 00:52
 Operator : UM/IZ
 Sample : G4074-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9K1

Quant Time: Oct 23 03:54:05 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

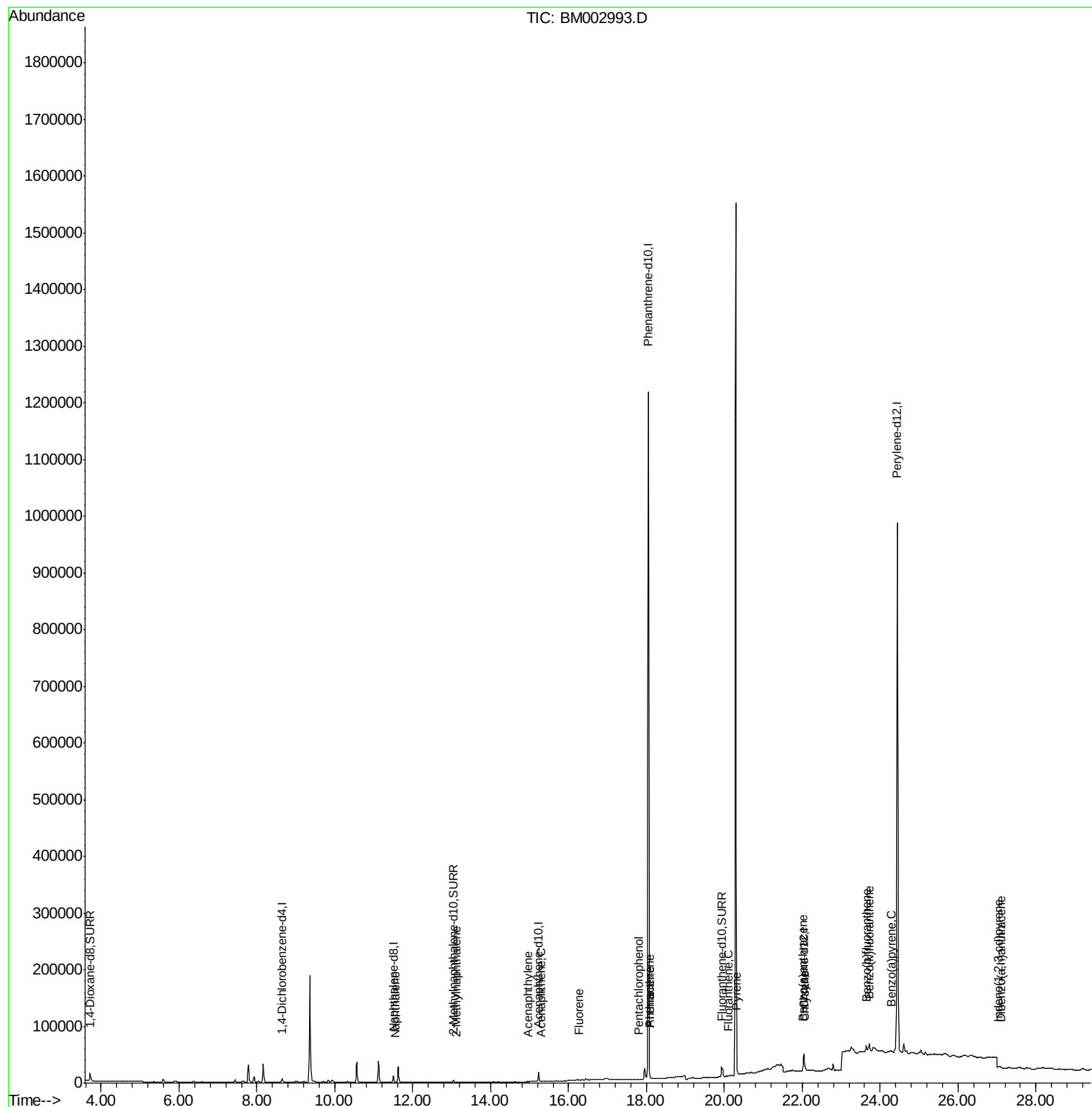
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	3780	0.40	ng/ul	0.00
4) Naphthalene-d8	11.49	136	17653	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.23	164	11319	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.05	188	1501411	0.40	ng/ul	0.11
18) Chrysene-d12	22.04	240	29743	0.40	ng/ul	0.01
22) Perylene-d12	24.44	264	977986	0.40	ng/ul	-0.16
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.71	96	13415	3.32	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.04	152	8058	0.27	ng/ul	0.00
16) Fluoranthene-d10	19.93	212	21253	0.01	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.54	128	1012	0.02	ng/ul#	50
7) 2-Methylnaphthalene	13.11	142	1641	0.05	ng/ul	91
9) Acenaphthylene	14.97	152	1566	0.02	ng/ul#	25
10) Acenaphthene	15.30	153	352	0.01	ng/ul#	66
11) Fluorene	16.27	166	747	0.02	ng/ul#	45
13) Pentachlorophenol	17.80	266	56	0.00	ng/ul#	80
14) Phenanthrene	18.08	178	2662	0.00	ng/ul#	14
15) Anthracene	18.08	178	2411	0.00	ng/ul#	13
17) Fluoranthene	20.11	202	806	0.00	ng/ul#	1
19) Pyrene	20.31	202	17246	0.16	ng/ul#	51
20) Benzo(a)anthracene	22.02	228	6240	0.06	ng/ul#	12
21) Chrysene	22.07	228	10290	0.10	ng/ul#	34
23) Benzo(b)fluoranthene	23.65	252	674	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	23.71	252	953	0.00	ng/ul#	1
25) Benzo(a)pyrene	24.29	252	542	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	27.03	276	22094	0.01	ng/ul#	1
27) Dibenzo(a,h)anthracene	27.10	278	16878	0.01	ng/ul#	1

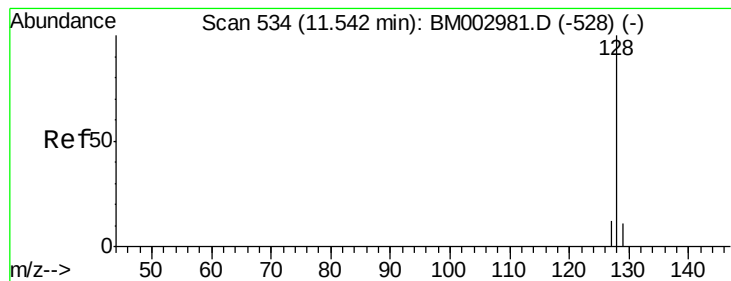
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 23 01:55:29 2015
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#5

Naphthalene

Concen: 0.02 ng/ul

RT: 11.54 min Scan# 534

Delta R.T. -0.00 min

Lab File: BM002993.D

Acq: 23 Oct 2015 00:52

Instrument :

BNA_M

ClientSampleId :

JG9K1

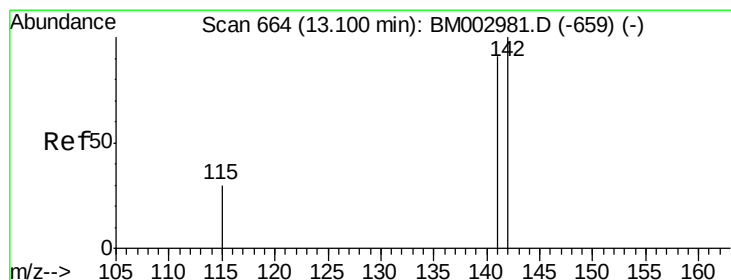
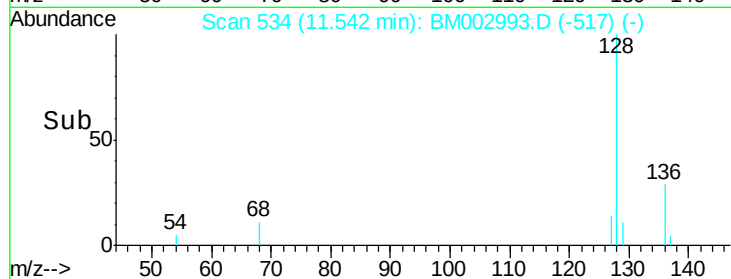
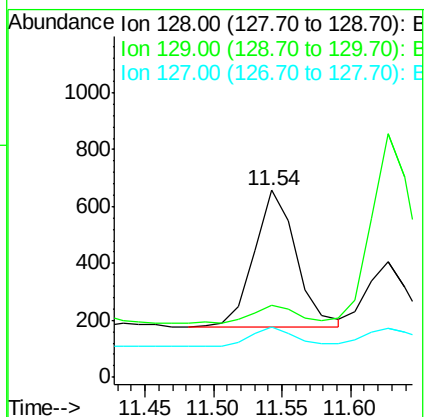
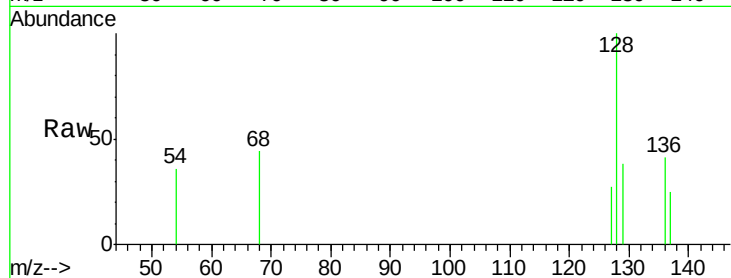
Tot Ion:128 Resp: 1012

Ion Ratio Lower Upper

128 100

129 38.4 9.8 14.8#

127 26.9 10.7 16.1#



#7

2-Methylnaphthalene

Concen: 0.05 ng/ul

RT: 13.11 min Scan# 665

Delta R.T. 0.01 min

Lab File: BM002993.D

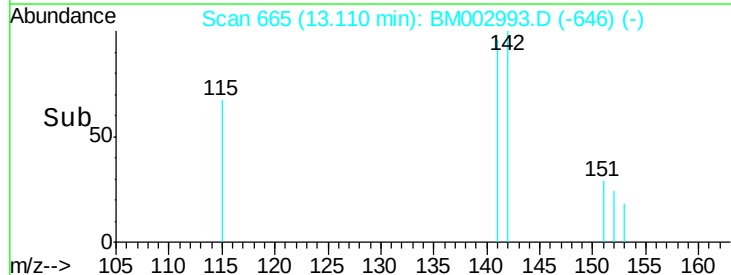
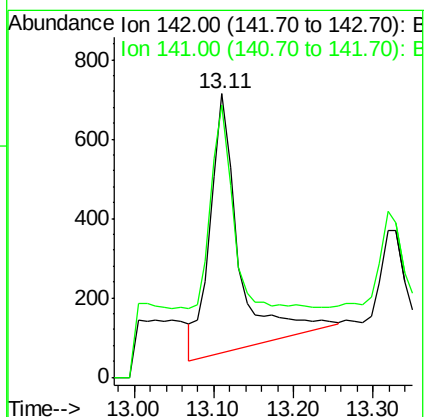
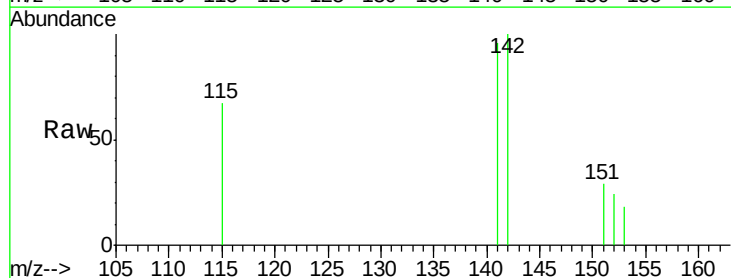
Acq: 23 Oct 2015 00:52

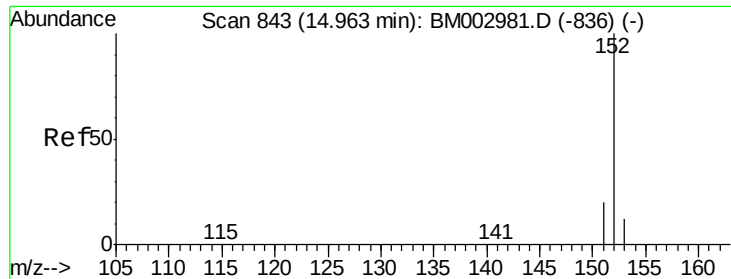
Tgt Ion:142 Resp: 1641

Ion Ratio Lower Upper

142 100

141 96.4 70.3 105.5





#9

Acenaphthylene

Concen: 0.02 ng/ul

RT: 14.97 min Scan# 844

Delta R.T. 0.01 min

Lab File: BM002993.D

Acq: 23 Oct 2015 00:52

Instrument :

BNA_M

ClientSampleId :

JG9K1

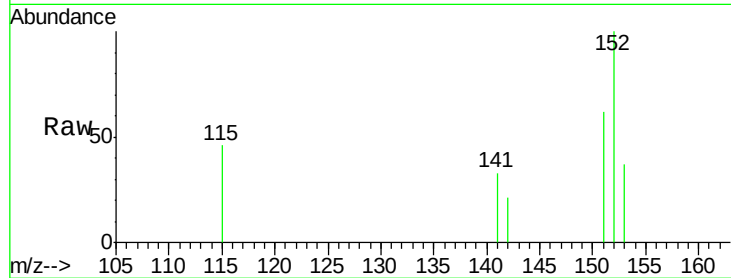
Tot Ion:152 Resp: 1566

Ion Ratio Lower Upper

152 100

151 62.0 16.8 25.2#

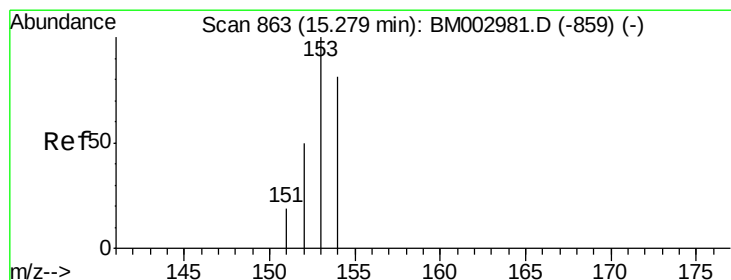
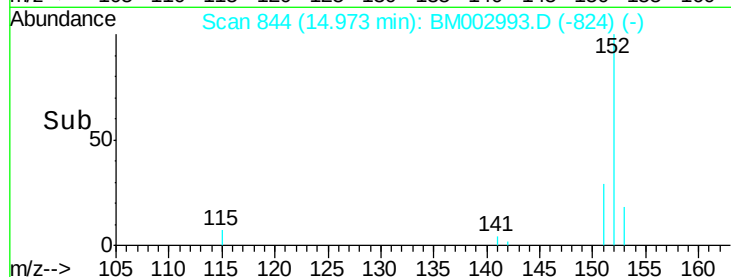
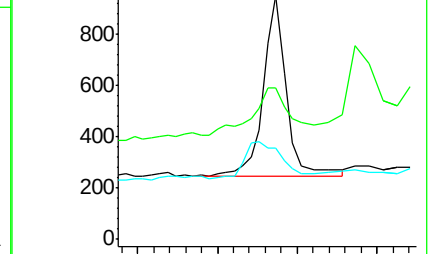
153 37.4 11.3 16.9#



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: 0.01 ng/ul

RT: 15.30 min Scan# 864

Delta R.T. 0.02 min

Lab File: BM002993.D

Acq: 23 Oct 2015 00:52

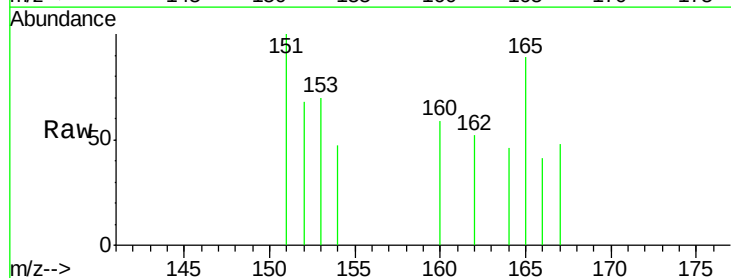
Tgt Ion:153 Resp: 352

Ion Ratio Lower Upper

153 100

152 97.5 42.3 63.5#

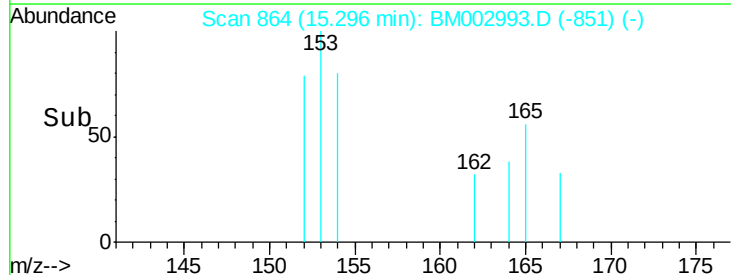
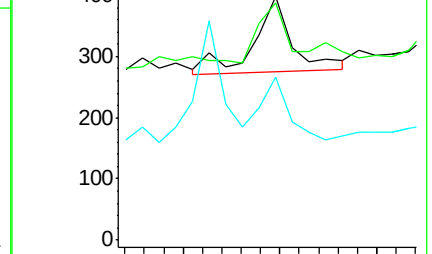
154 66.8 64.7 97.1

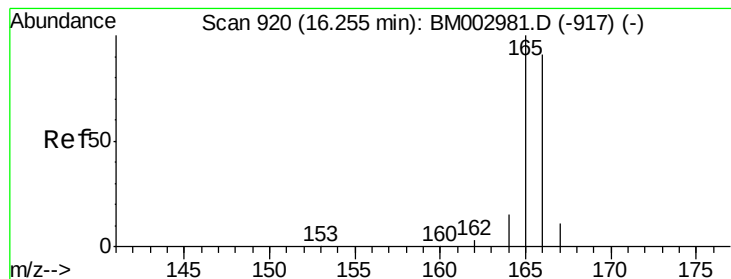


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.02 ng/ul

RT: 16.27 min Scan# 921

Delta R.T. 0.02 min

Lab File: BM002993.D

Acq: 23 Oct 2015 00:52

Instrument :

BNA_M

ClientSampleId :

JG9K1

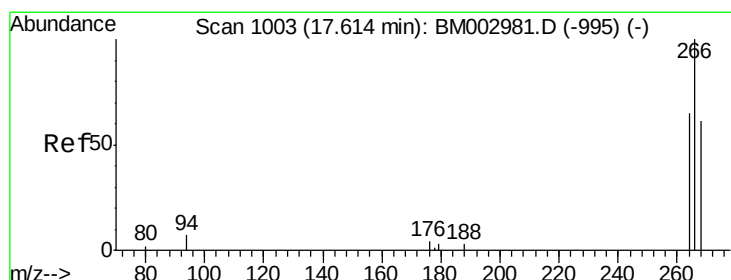
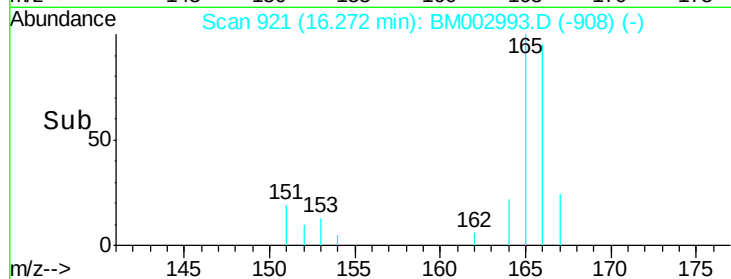
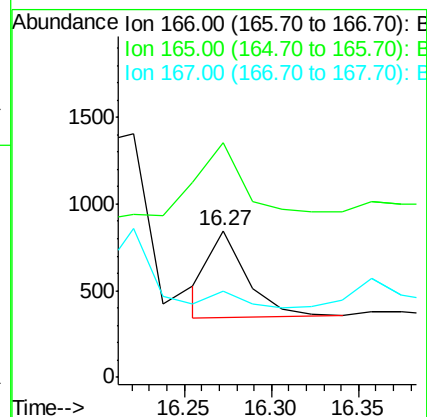
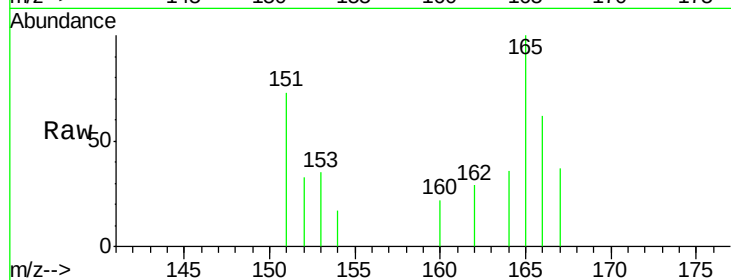
Tot Ion:166 Resp: 747

Ion Ratio Lower Upper

166 100

165 160.1 87.6 131.4#

167 58.9 11.1 16.7#



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 17.80 min Scan# 1015

Delta R.T. 0.19 min

Lab File: BM002993.D

Acq: 23 Oct 2015 00:52

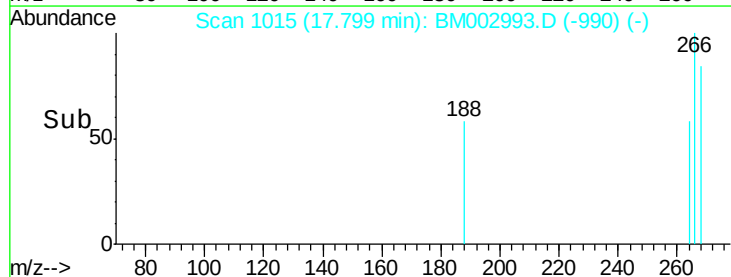
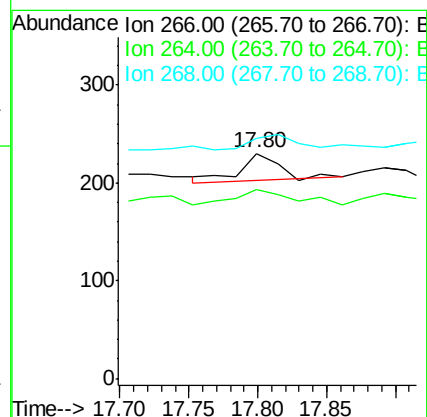
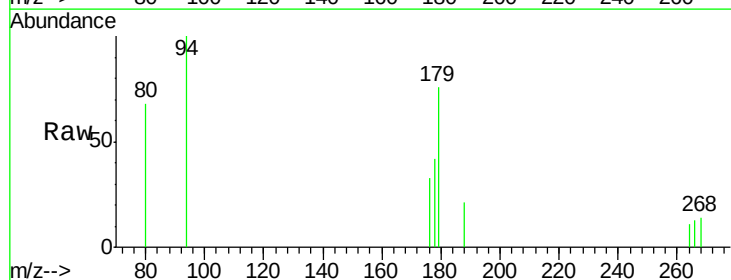
Tgt Ion:266 Resp: 56

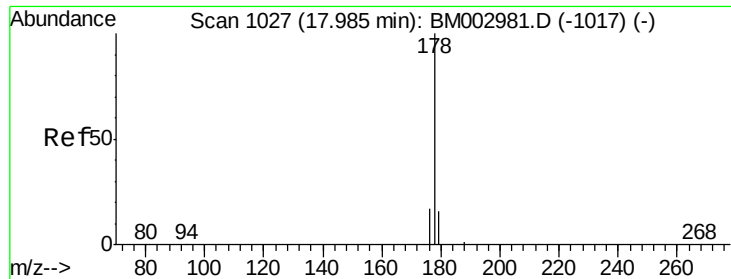
Ion Ratio Lower Upper

266 100

264 94.6 53.5 80.3#

268 62.5 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: BM002993.D

Acq: 23 Oct 2015 00:52

Instrument :

BNA_M

ClientSampleId :

JG9K1

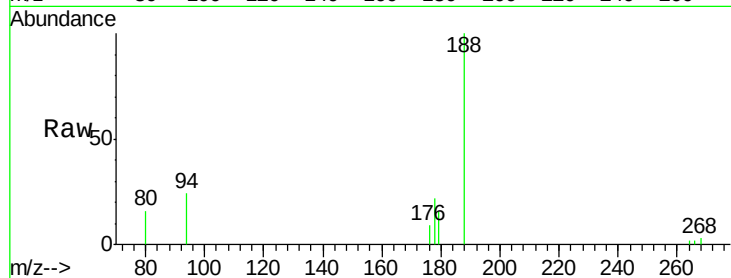
Tot Ion:178 Resp: 2662

Ion Ratio Lower Upper

178 100

176 42.0 16.2 24.4#

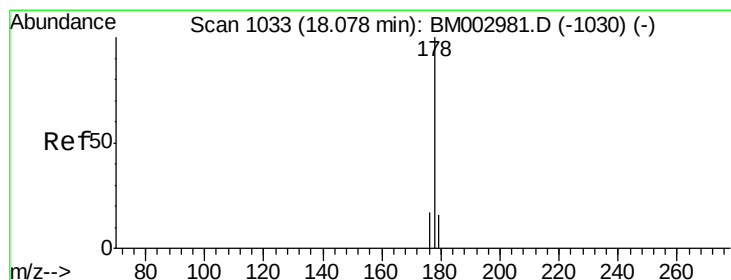
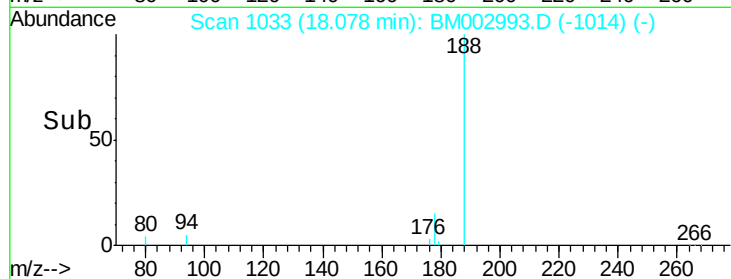
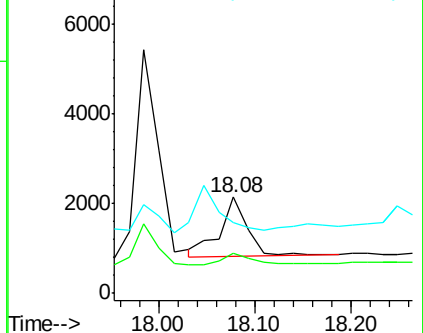
179 73.7 12.8 19.2#



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: 18.08 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BM002993.D

Acq: 23 Oct 2015 00:52

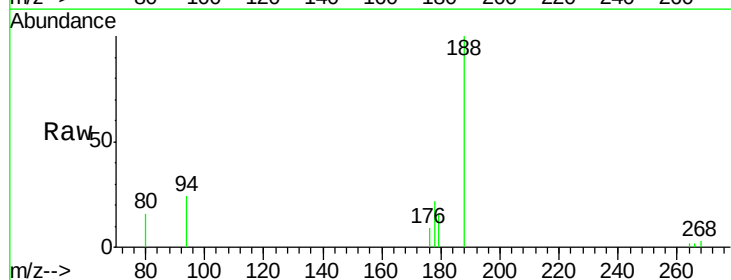
Tgt Ion:178 Resp: 2411

Ion Ratio Lower Upper

178 100

176 42.0 15.8 23.8#

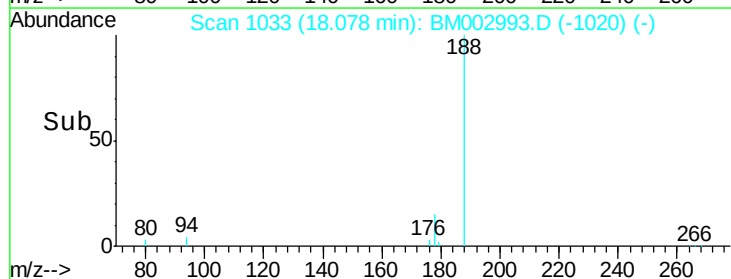
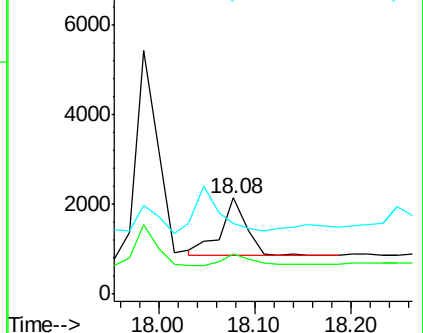
179 73.7 13.3 19.9#

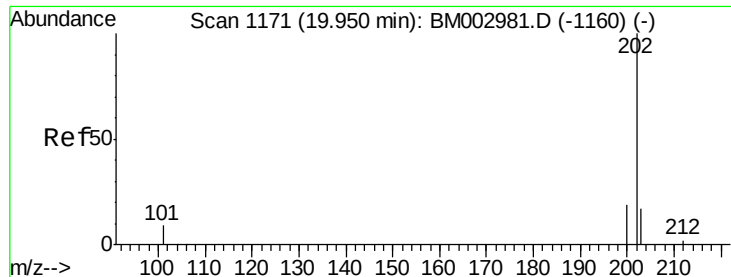


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

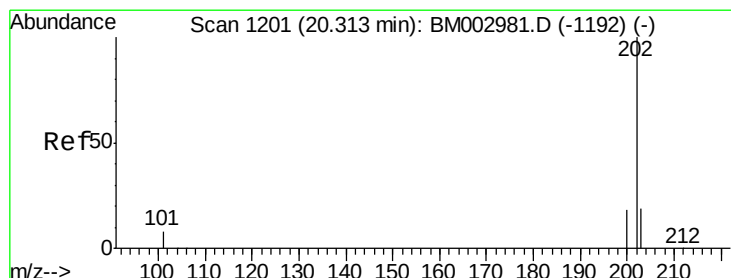
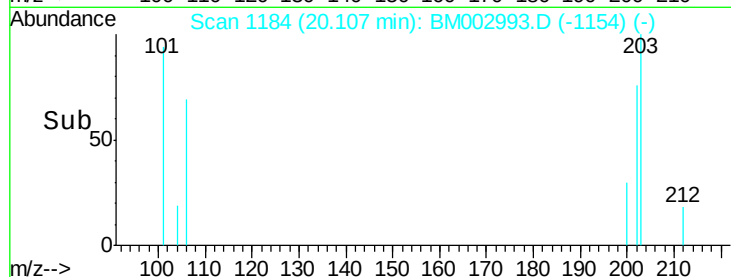
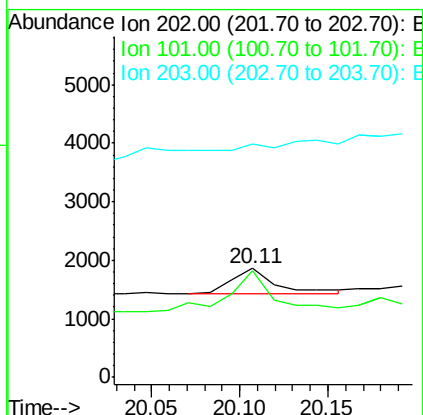
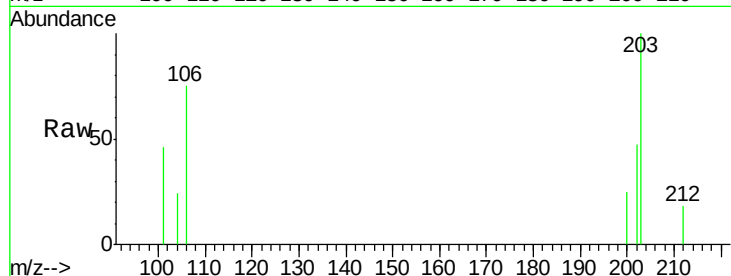




#17
 Fluoranthene
 Concen: 0.00 ng/ul
 RT: 20.11 min Scan# 1184
 Delta R.T. 0.16 min
 Lab File: BM002993.D
 Acq: 23 Oct 2015 00:52

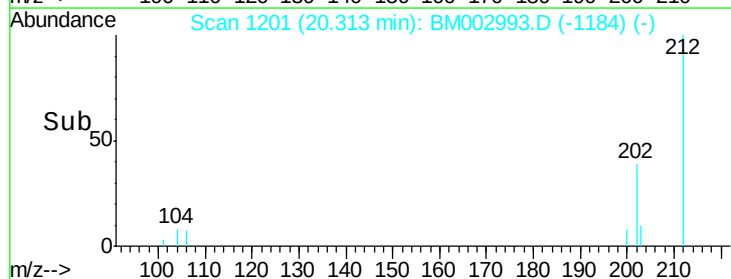
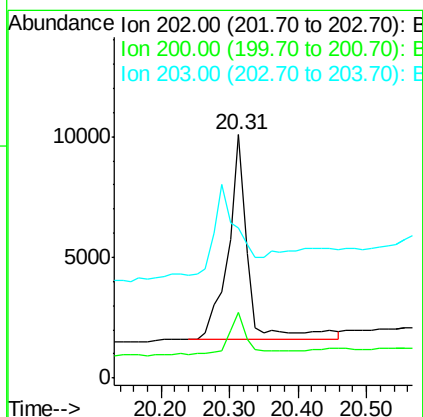
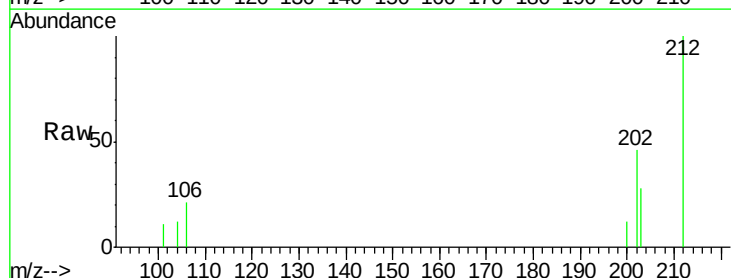
Instrument :
 BNA_M
 ClientSampleId :
 JG9K1

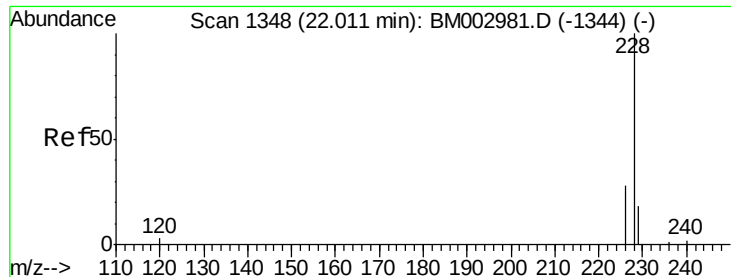
Tot Ion:202 Resp: 806
 Ion Ratio Lower Upper
 202 100
 101 97.7 0.0 33.1#
 203 213.9 0.0 37.2#



#19
 Pyrene
 Concen: 0.16 ng/ul
 RT: 20.31 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BM002993.D
 Acq: 23 Oct 2015 00:52

Tgt Ion:202 Resp: 17246
 Ion Ratio Lower Upper
 202 100
 200 26.9 18.0 27.0
 203 61.5 13.8 20.6#





#20

Benzo(a)anthracene

Concen: 0.06 ng/ul

RT: 22.02 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BM002993.D

Acq: 23 Oct 2015 00:52

Instrument :

BNA_M

ClientSampleId :

JG9K1

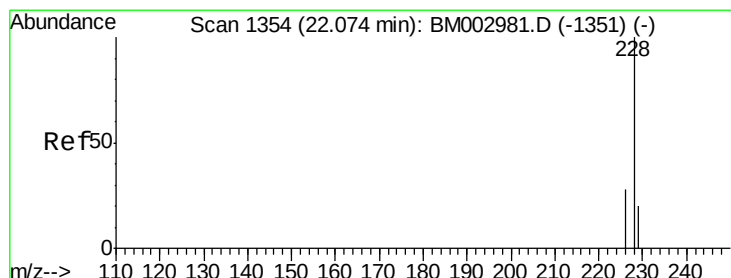
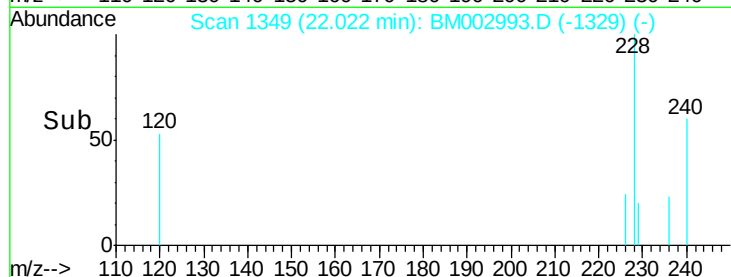
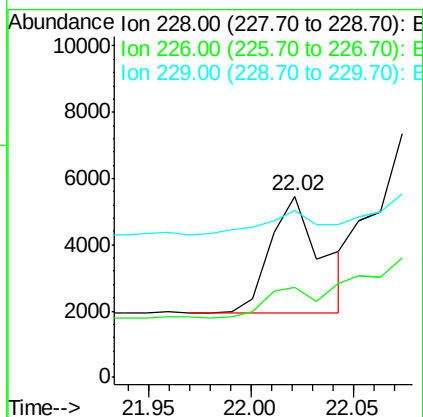
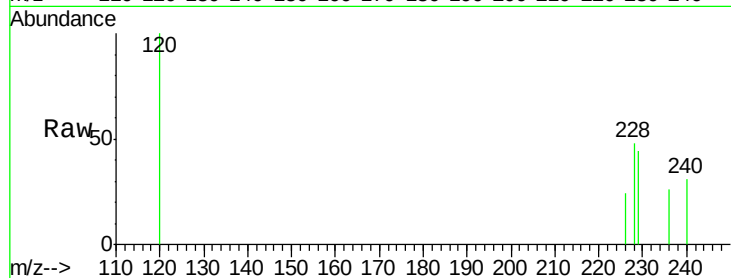
Tot Ion:228 Resp: 6240

Ion Ratio Lower Upper

228 100

226 49.7 23.0 34.4#

229 92.0 15.2 22.8#



#21

Chrysene

Concen: 0.10 ng/ul

RT: 22.07 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BM002993.D

Acq: 23 Oct 2015 00:52

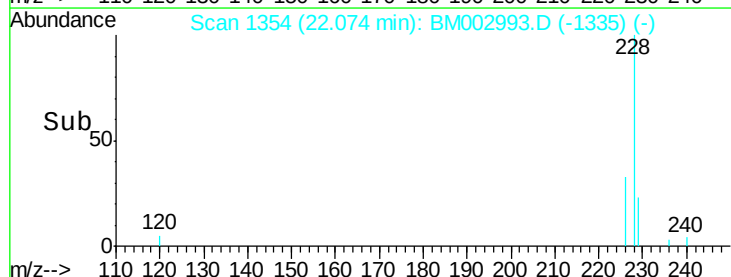
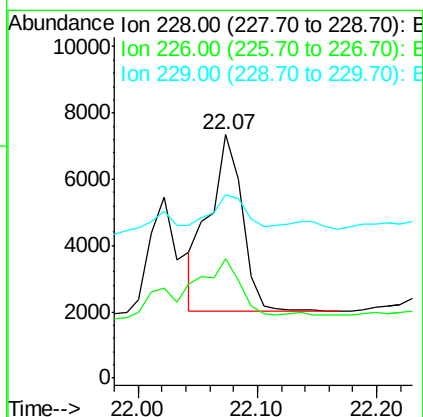
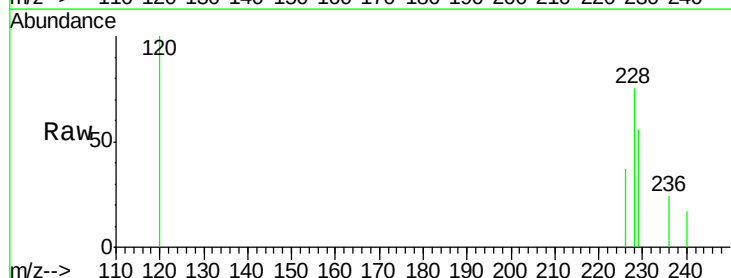
Tgt Ion:228 Resp: 10290

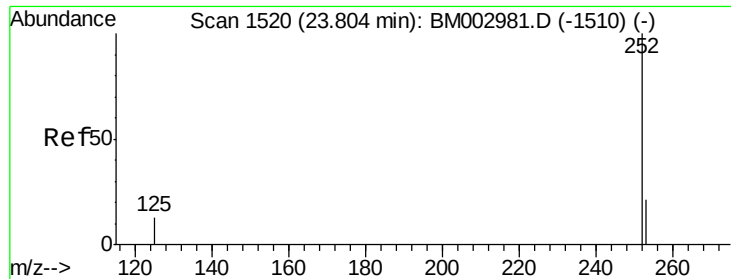
Ion Ratio Lower Upper

228 100

226 49.3 25.7 38.5#

229 75.1 15.2 22.8#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 23.65 min Scan# 1505

Delta R.T. -0.16 min

Lab File: BM002993.D

Acq: 23 Oct 2015 00:52

Instrument :

BNA_M

ClientSampleId :

JG9K1

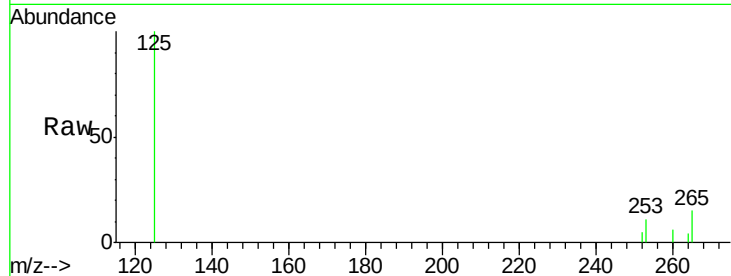
Tot Ion:252 Resp: 674

Ion Ratio Lower Upper

252 100

253 223.0 0.0 48.0#

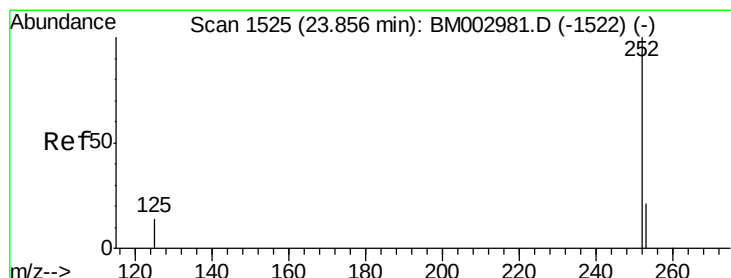
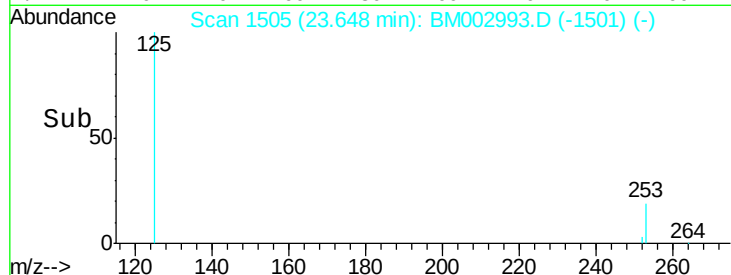
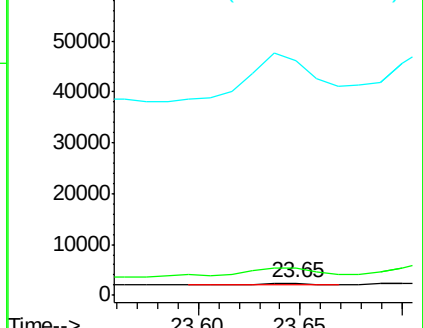
125 1943.7 0.0 36.6#



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: 0.00 ng/ul

RT: 23.71 min Scan# 1511

Delta R.T. -0.15 min

Lab File: BM002993.D

Acq: 23 Oct 2015 00:52

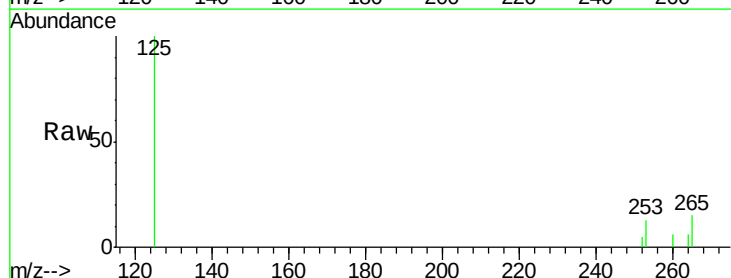
Tgt Ion:252 Resp: 953

Ion Ratio Lower Upper

252 100

253 247.8 20.8 31.2#

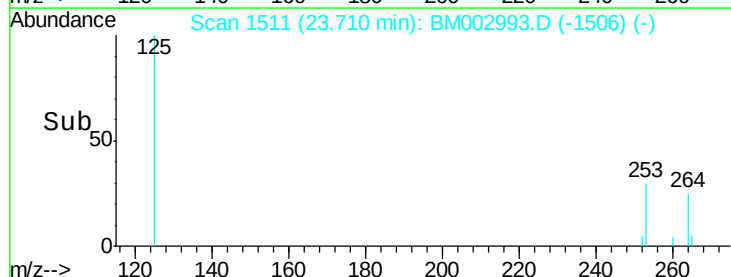
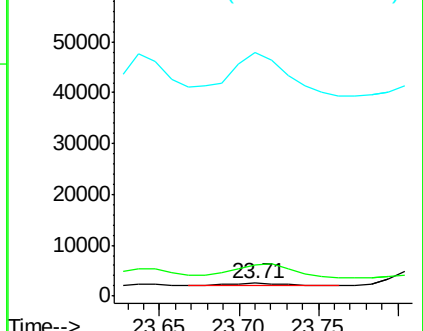
125 1914.3 12.2 18.4#

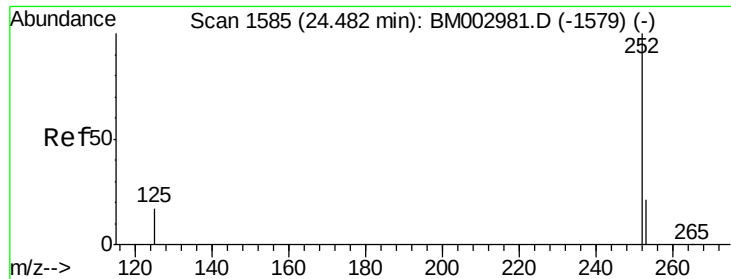


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 24.29 min Scan# 1567

Delta R.T. -0.19 min

Lab File: BM002993.D

Acq: 23 Oct 2015 00:52

Instrument :

BNA_M

ClientSampleId :

JG9K1

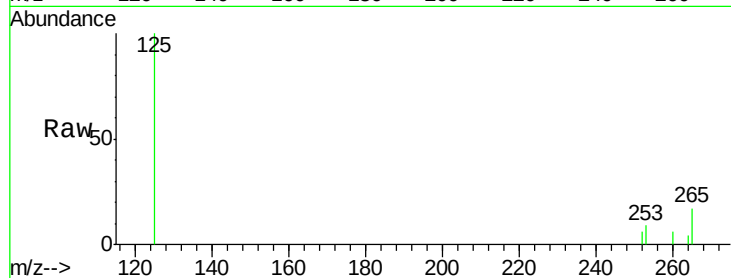
Tot Ion:252 Resp: 542

Ion Ratio Lower Upper

252 100

253 160.2 21.8 32.8#

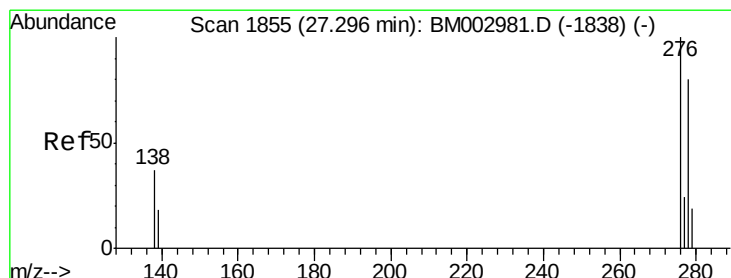
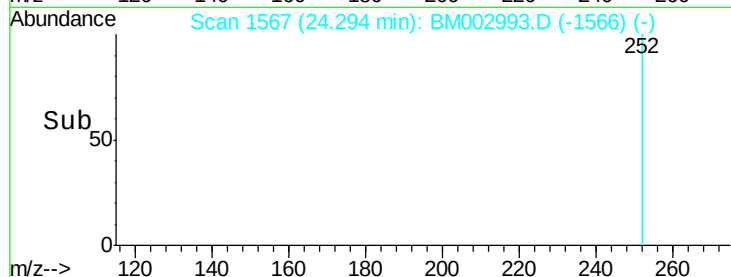
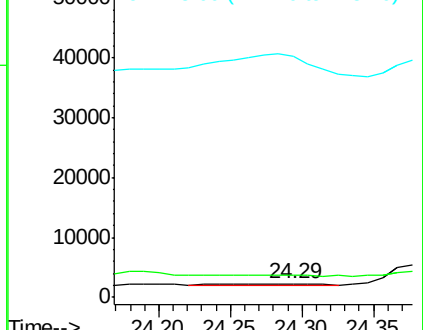
125 1738.6 14.5 21.7#



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: 0.01 ng/ul

RT: 27.03 min Scan# 1829

Delta R.T. -0.27 min

Lab File: BM002993.D

Acq: 23 Oct 2015 00:52

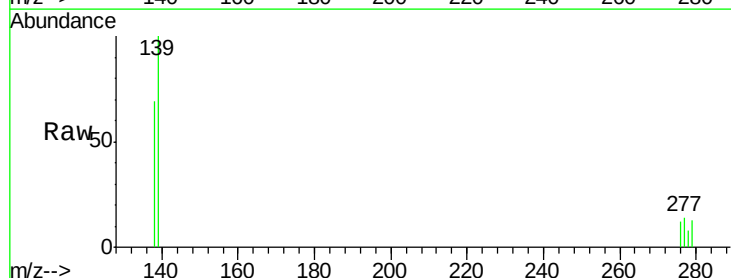
Tgt Ion:276 Resp: 22094

Ion Ratio Lower Upper

276 100

138 633.6 27.5 41.3#

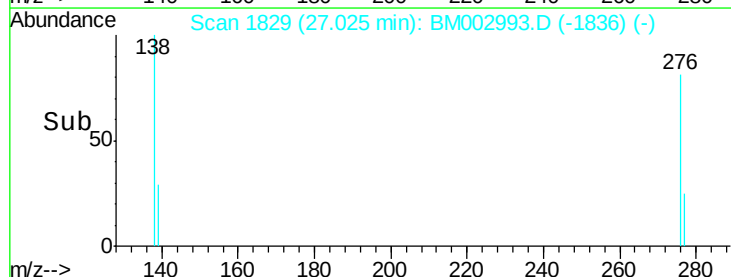
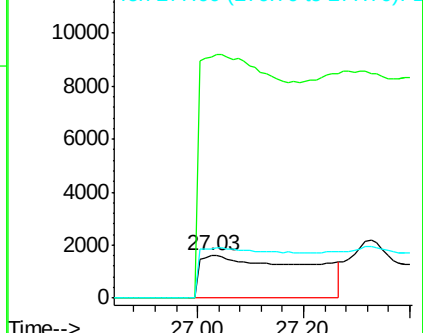
277 130.9 19.3 28.9#

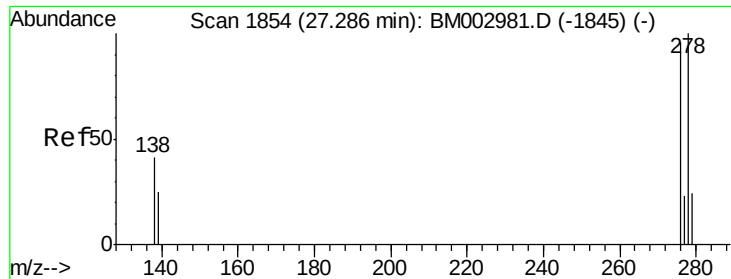


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.01 ng/ul

RT: 27.10 min Scan# 1836

Delta R.T. -0.19 min

Lab File: BM002993.D

Acq: 23 Oct 2015 00:52

Instrument :

BNA_M

ClientSampleId :

JG9K1

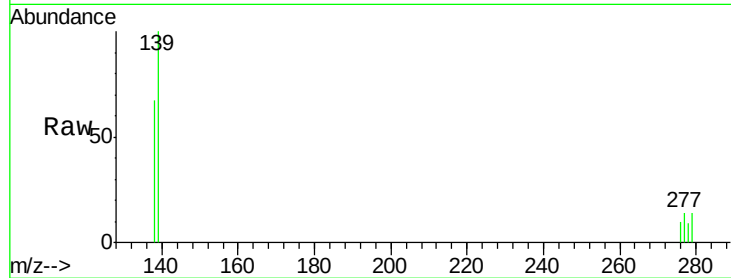
Tot Ion:278 Resp: 16878

Ion Ratio Lower Upper

278 100

139 1077.6 21.7 32.5#

279 147.7 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

