

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002976.D
 Acq On : 22 Oct 2015 13:56
 Operator : UM/IZ
 Sample : G4074-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9K3

Quant Time: Oct 23 01:03:42 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 01:01:42 2015
 Response via : Initial Calibration

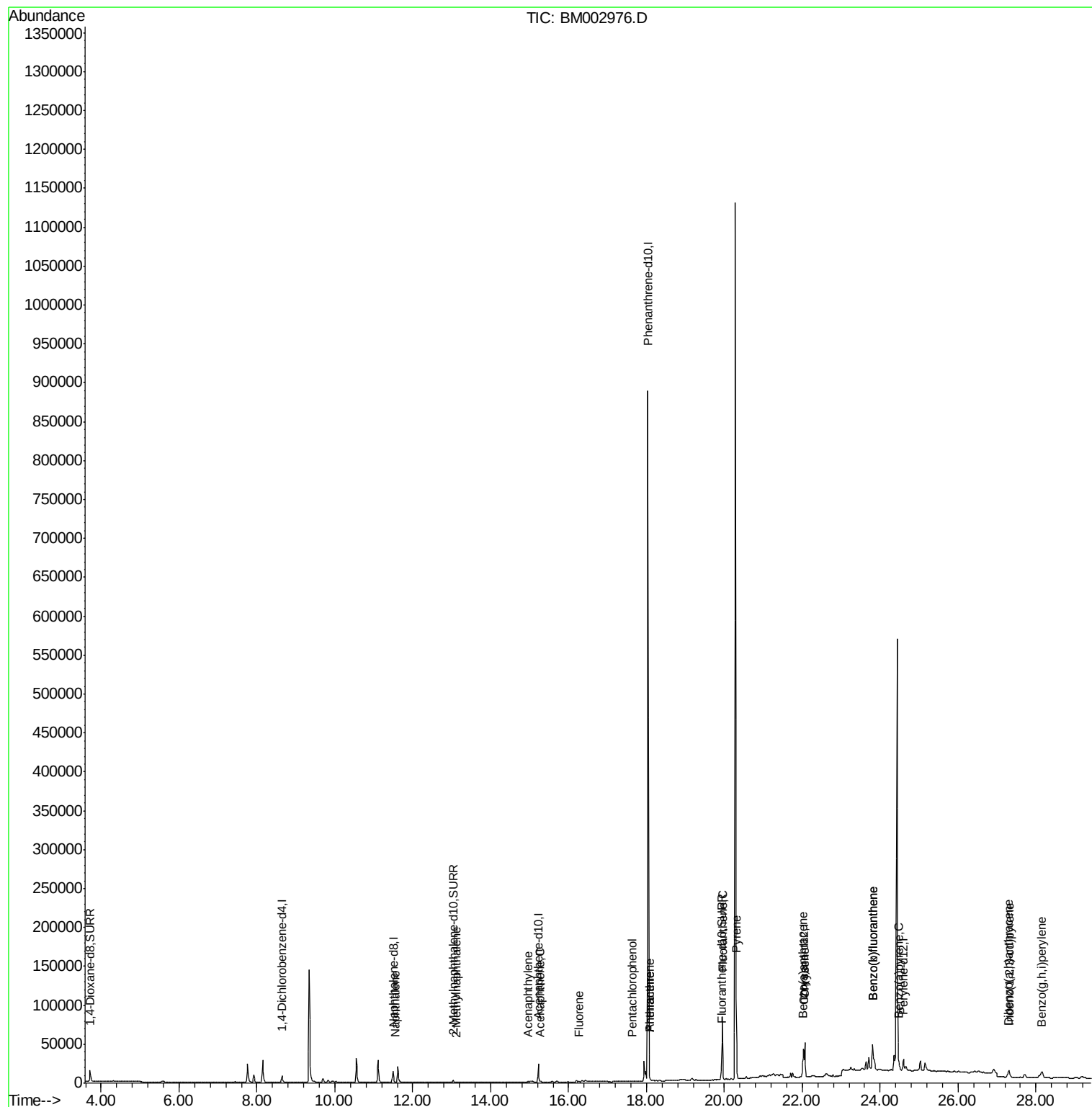
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	5647	0.40	ng/ul	0.00
4) Naphthalene-d8	11.49	136	24773	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.23	164	13914	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	1133510	0.40	ng/ul	0.09
18) Chrysene-d12	22.03	240	28370	0.40	ng/ul	0.00
22) Perylene-d12	24.60	264	24114	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.71	96	12038	2.00	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.04	152	6135	0.15	ng/ul	0.00
16) Fluoranthene-d10	19.93	212	14646	0.00	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.54	128	833	0.01	ng/ul#	58
7) 2-Methylnaphthalene	13.11	142	921	0.02	ng/ul	85
9) Acenaphthylene	14.96	152	2213	0.03	ng/ul#	80
10) Acenaphthene	15.28	153	230	0.00	ng/ul#	20
11) Fluorene	16.25	166	539	0.01	ng/ul#	63
13) Pentachlorophenol	17.63	266	102	0.00	ng/ul#	36
14) Phenanthrene	18.08	178	4037	0.00	ng/ul#	73
15) Anthracene	18.08	178	4008	0.00	ng/ul#	72
17) Fluoranthene	19.95	202	77318	0.02	ng/ul	93
19) Pyrene	20.30	202	67291	0.65	ng/ul	97
20) Benzo(a)anthracene	22.01	228	18618	0.20	ng/ul#	83
21) Chrysene	22.07	228	55641	0.58	ng/ul#	90
23) Benzo(b)fluoranthene	23.80	252	75855	0.89	ng/ul#	60
24) Benzo(k)fluoranthene	23.80	252	75855	0.91	ng/ul#	62
25) Benzo(a)pyrene	24.48	252	12676	0.16	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	27.31	276	17085	0.19	ng/ul#	91
27) Dibenzo(a,h)anthracene	27.30	278	4081	0.06	ng/ul#	1
28) Benzo(a,h,i)perylene	28.15	276	18504	0.25	ng/ul#	55

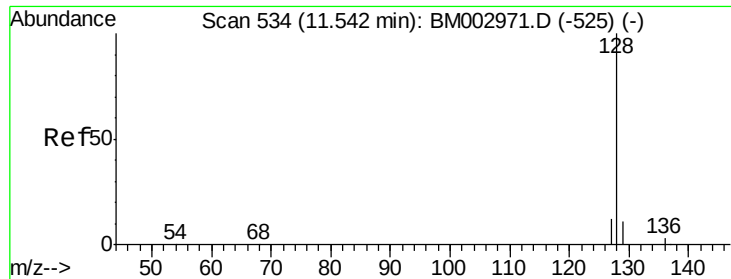
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.01 ng/ul

RT: 11.54 min Scan# 534

Delta R.T. -0.00 min

Lab File: BM002976.D

Acq: 22 Oct 2015 13:56

Instrument :

BNA_M

ClientSampleId :

JG9K3

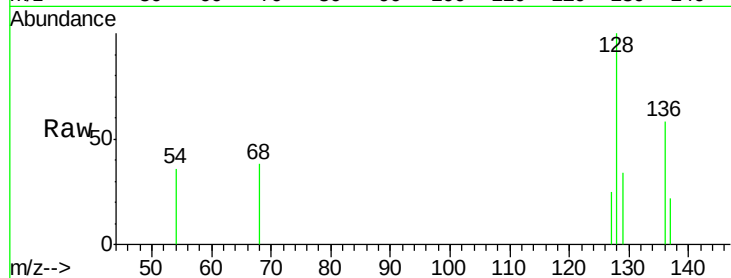
Tot Ion:128 Resp: 833

Ion Ratio Lower Upper

128 100

129 34.2 9.8 14.8#

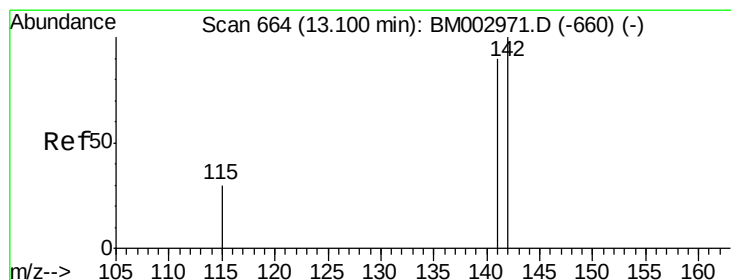
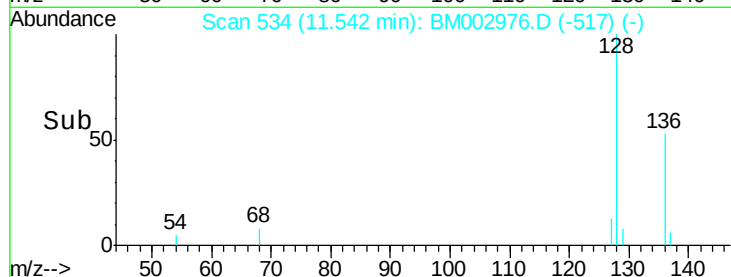
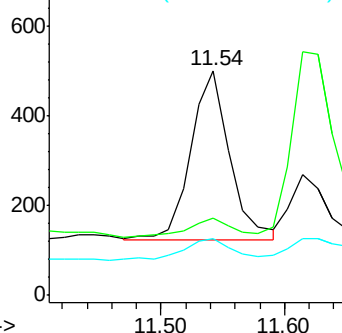
127 25.2 10.7 16.1#



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: 13.11 min Scan# 665

Delta R.T. 0.01 min

Lab File: BM002976.D

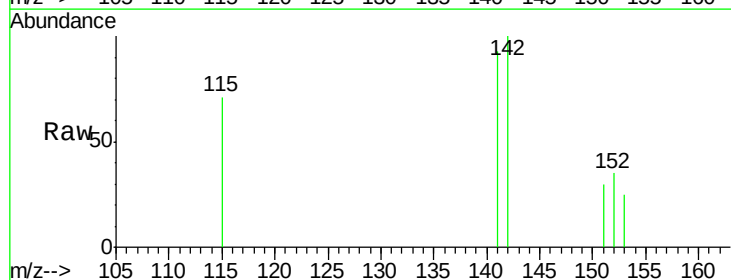
Acq: 22 Oct 2015 13:56

Tgt Ion:142 Resp: 921

Ion Ratio Lower Upper

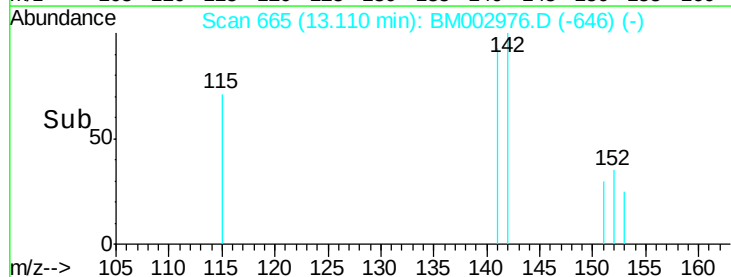
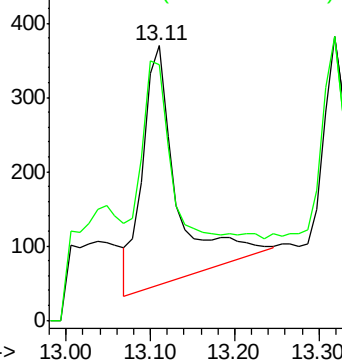
142 100

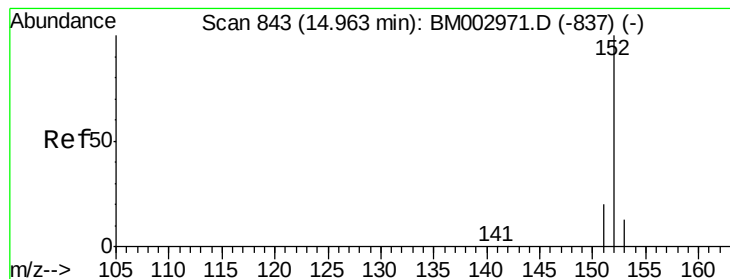
141 102.0 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.03 ng/ul

RT: 14.96 min Scan# 843

Delta R.T. -0.00 min

Lab File: BM002976.D

Acq: 22 Oct 2015 13:56

Instrument :

BNA_M

ClientSampleId :

JG9K3

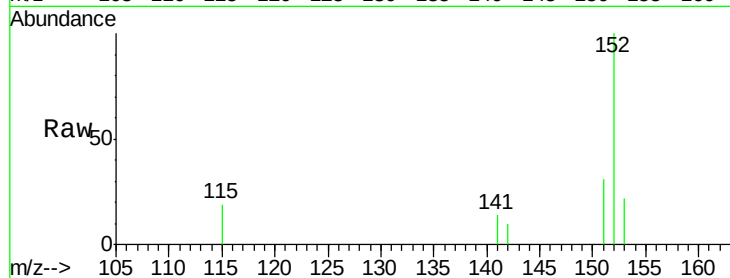
Tot Ion:152 Resp: 2213

Ion Ratio Lower Upper

152 100

151 30.7 16.8 25.2#

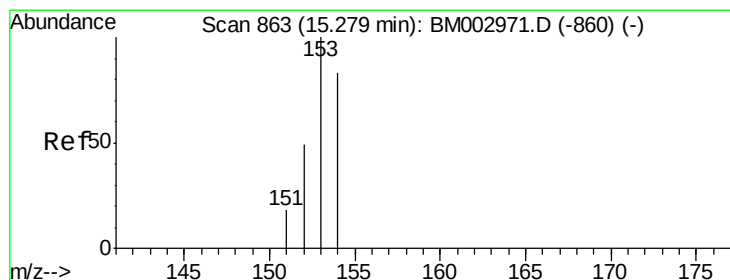
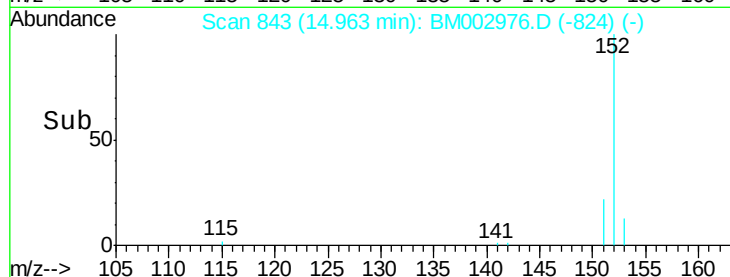
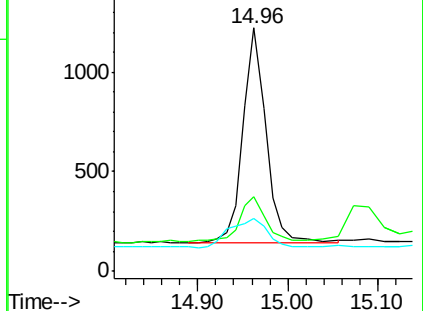
153 21.9 11.3 16.9#



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: BM002976.D

Acq: 22 Oct 2015 13:56

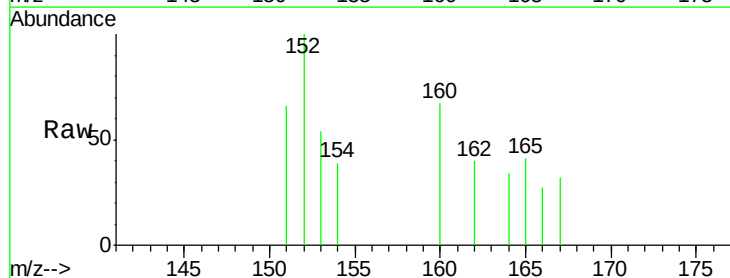
Tgt Ion:153 Resp: 230

Ion Ratio Lower Upper

153 100

152 186.4 42.3 63.5#

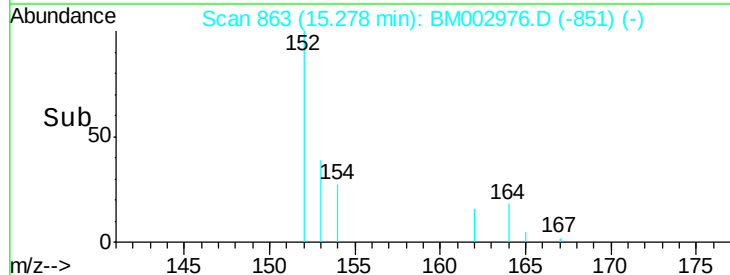
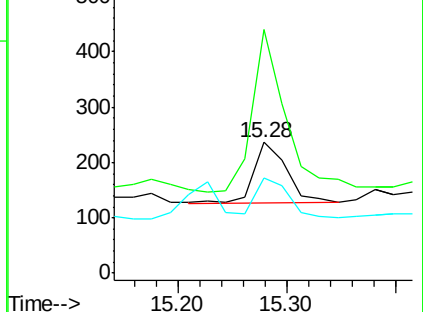
154 73.3 64.7 97.1

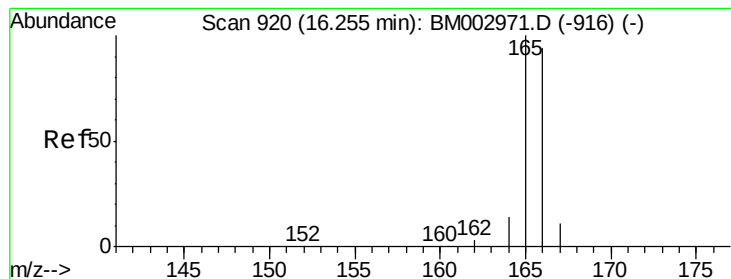


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.01 ng/ul

RT: 16.25 min Scan# 920

Delta R.T. -0.00 min

Lab File: BM002976.D

Acq: 22 Oct 2015 13:56

Instrument :

BNA_M

ClientSampleId :

JG9K3

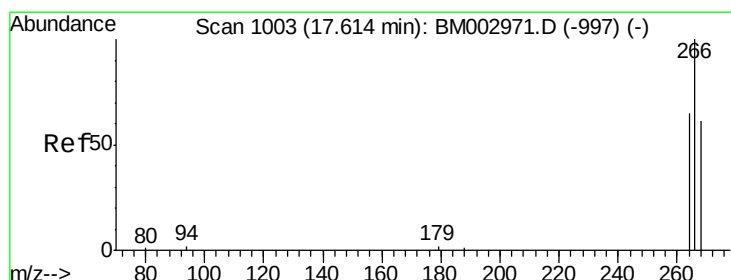
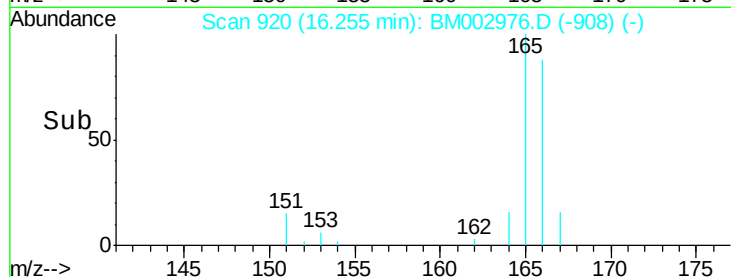
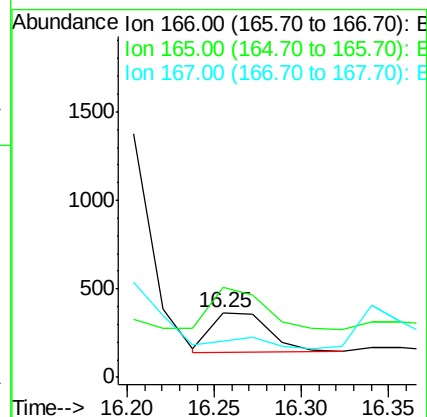
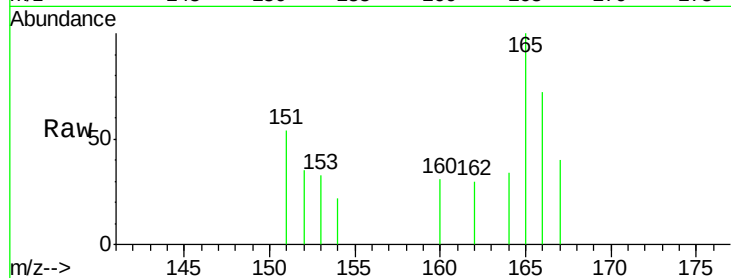
Tot Ion:166 Resp: 539

Ion Ratio Lower Upper

166 100

165 139.0 87.6 131.4#

167 56.1 11.1 16.7#



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 17.63 min Scan# 1004

Delta R.T. 0.02 min

Lab File: BM002976.D

Acq: 22 Oct 2015 13:56

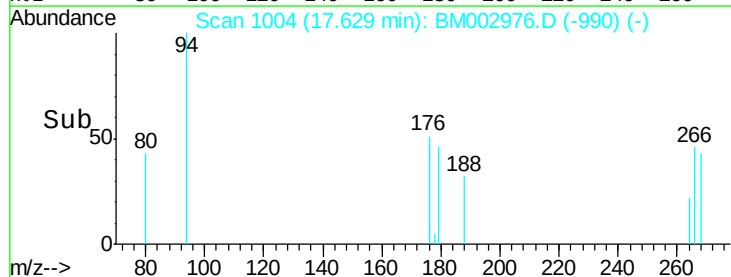
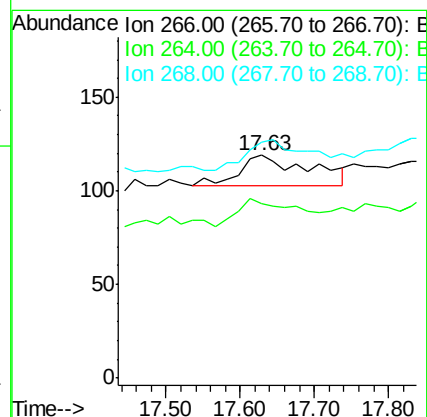
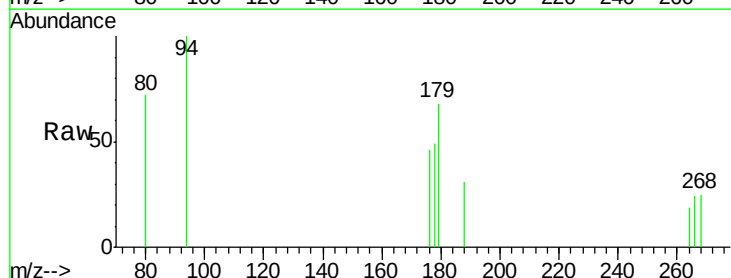
Tgt Ion:266 Resp: 102

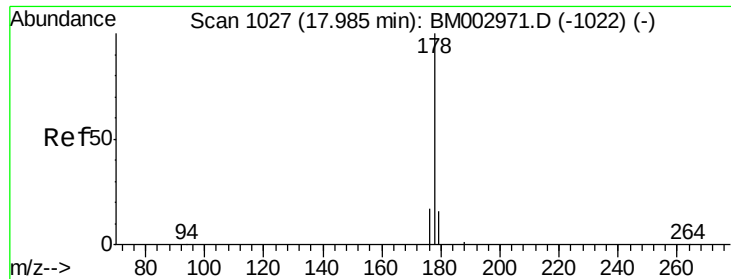
Ion Ratio Lower Upper

266 100

264 0.0 53.5 80.3#

268 103.9 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: BM002976.D

Acq: 22 Oct 2015 13:56

Instrument :

BNA_M

ClientSampleId :

JG9K3

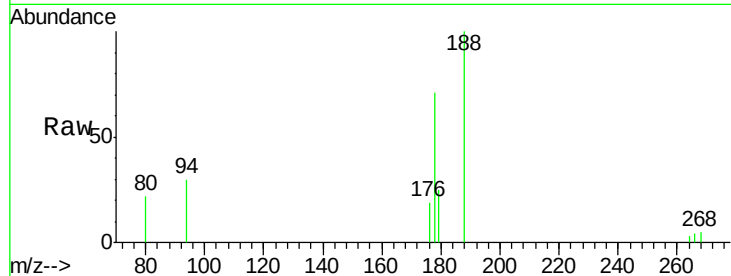
Tot Ion:178 Resp: 4037

Ion Ratio Lower Upper

178 100

176 26.5 16.2 24.4#

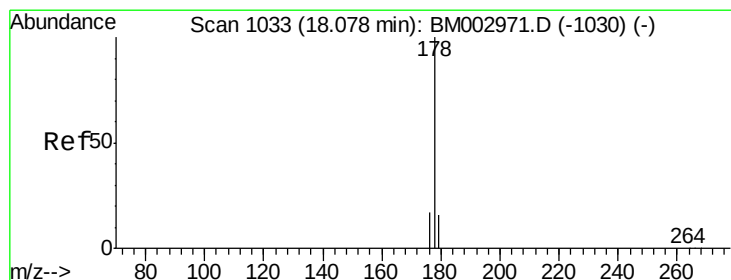
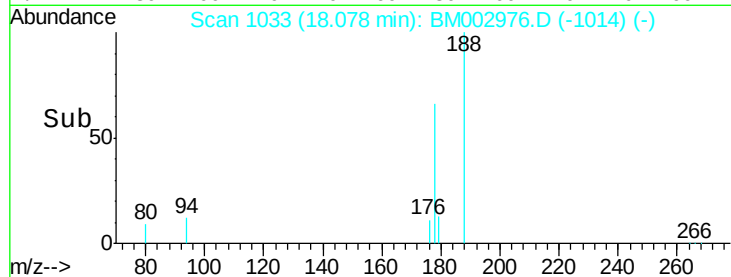
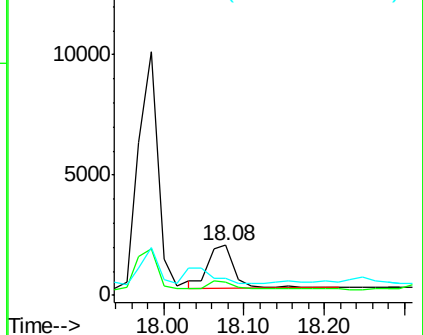
179 35.2 12.8 19.2#



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: 18.08 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BM002976.D

Acq: 22 Oct 2015 13:56

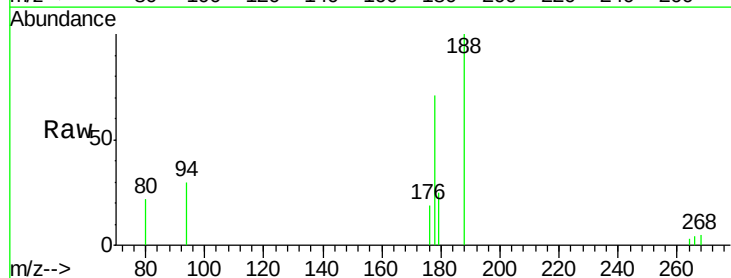
Tgt Ion:178 Resp: 4008

Ion Ratio Lower Upper

178 100

176 26.5 15.8 23.8#

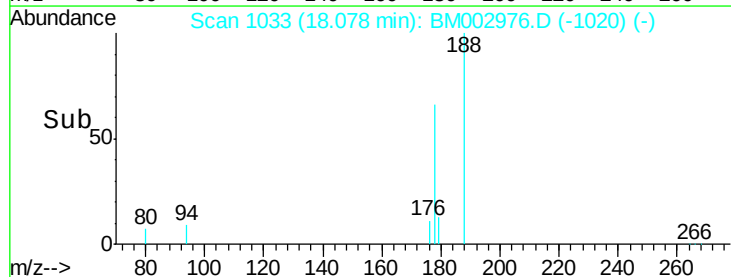
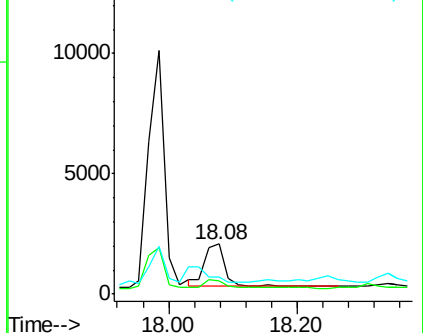
179 35.2 13.3 19.9#

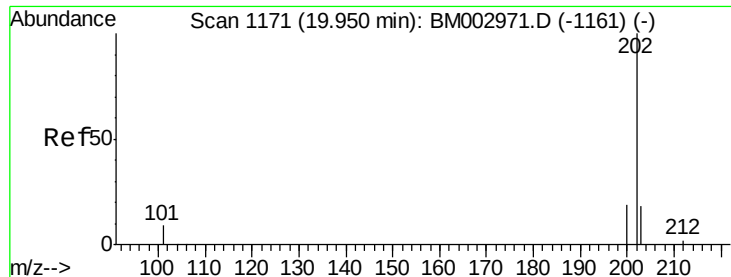


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

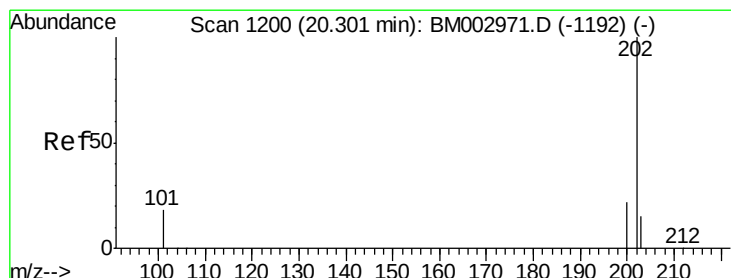
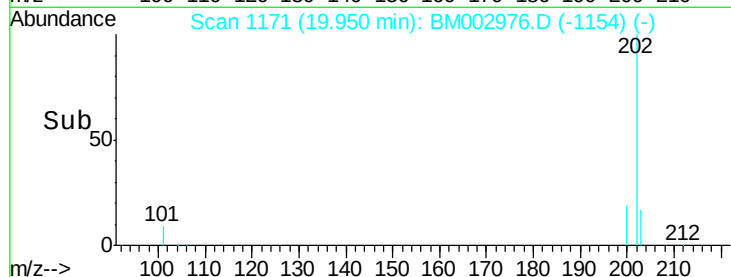
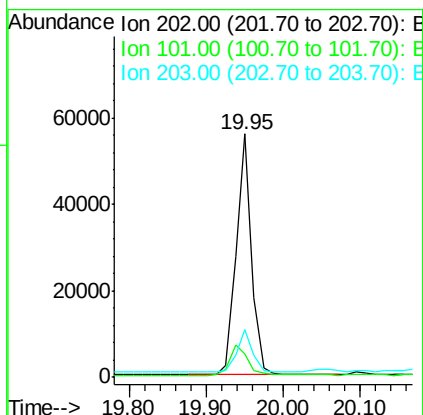
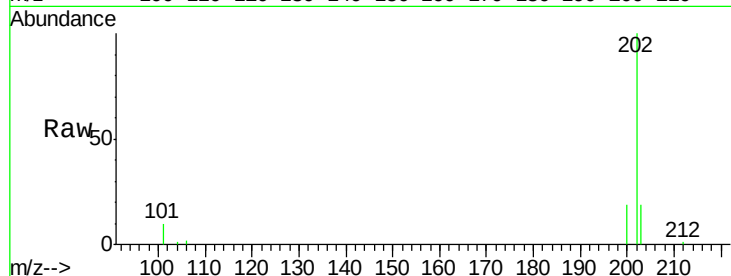




#17
Fluoranthene
 Concen: 0.02 ng/ul
 RT: 19.95 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BM002976.D
 Acq: 22 Oct 2015 13:56

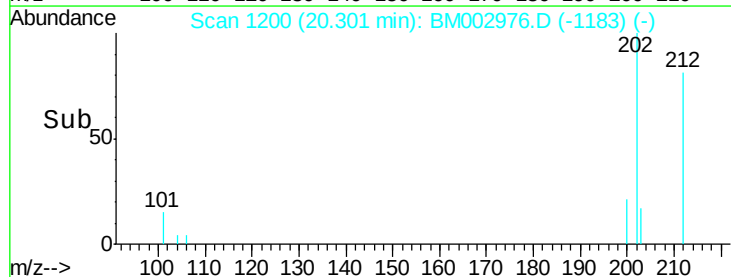
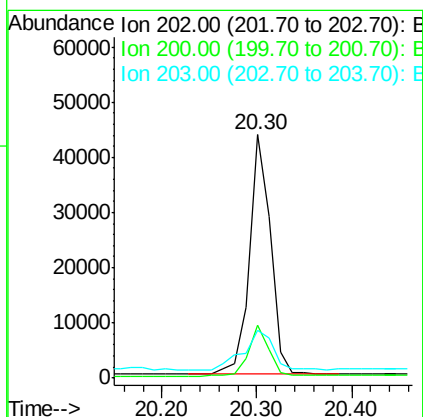
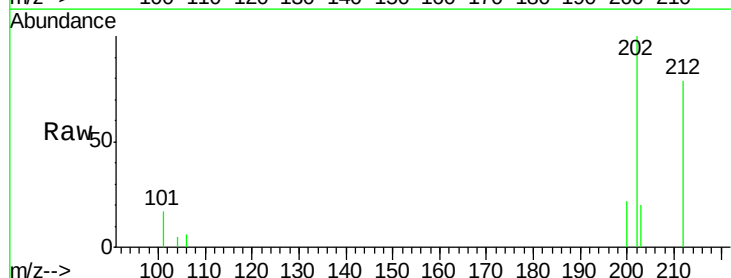
Instrument :
 BNA_M
 ClientSampleId :
 JG9K3

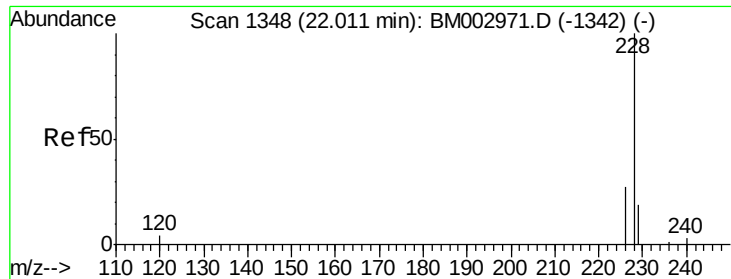
Tot Ion:202 Resp: 77318
 Ion Ratio Lower Upper
 202 100
 101 9.8 0.0 33.1
 203 19.5 0.0 37.2



#19
Pyrene
 Concen: 0.65 ng/ul
 RT: 20.30 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BM002976.D
 Acq: 22 Oct 2015 13:56

Tgt Ion:202 Resp: 67291
 Ion Ratio Lower Upper
 202 100
 200 21.9 18.0 27.0
 203 19.6 13.8 20.6





#20

Benzo(a)anthracene

Concen: 0.20 ng/ul

RT: 22.01 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BM002976.D

Acq: 22 Oct 2015 13:56

Instrument :

BNA_M

ClientSampleId :

JG9K3

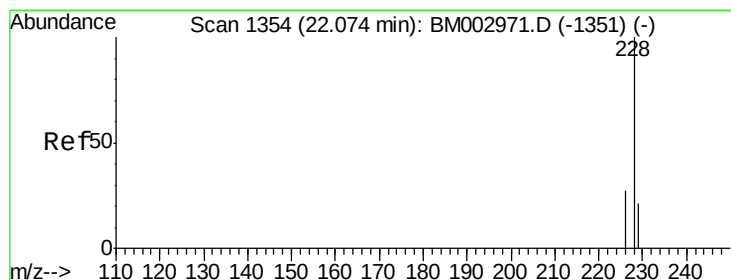
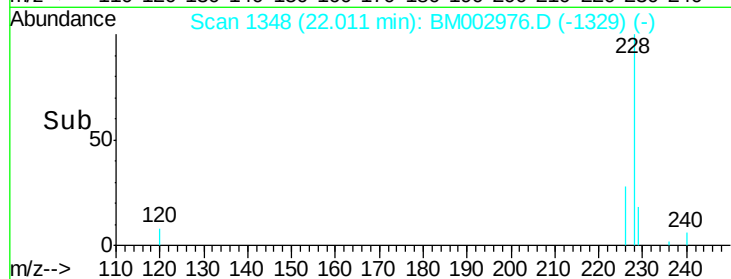
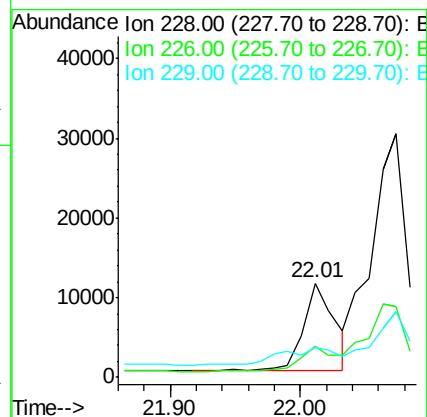
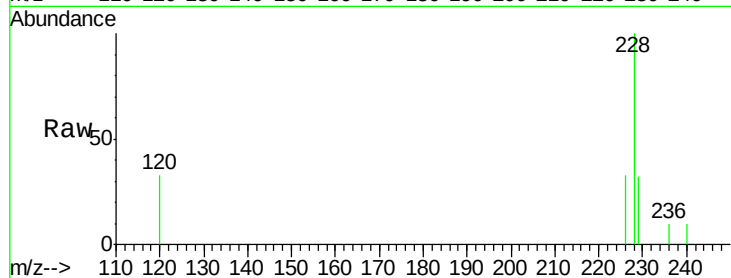
Tot Ion:228 Resp: 18618

Ion Ratio Lower Upper

228 100

226 33.1 23.0 34.4

229 32.1 15.2 22.8#



#21

Chrysene

Concen: 0.58 ng/ul

RT: 22.07 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BM002976.D

Acq: 22 Oct 2015 13:56

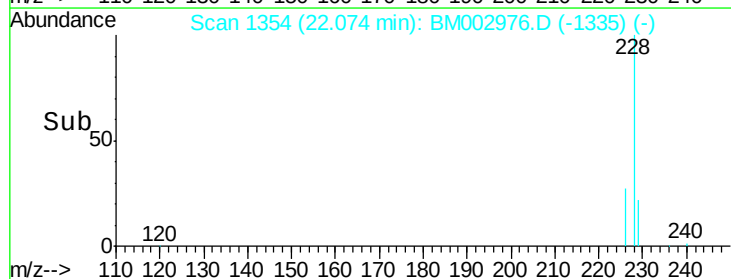
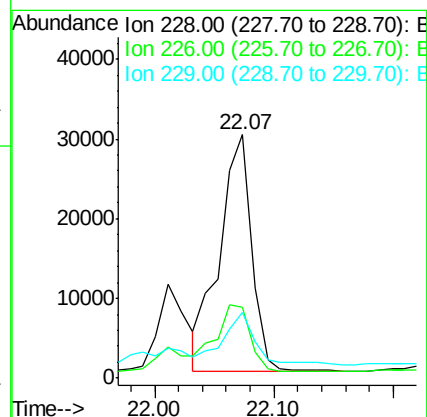
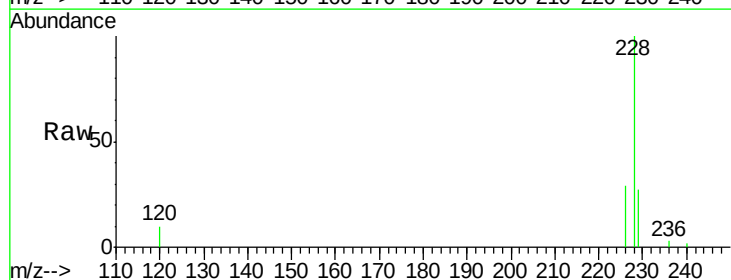
Tgt Ion:228 Resp: 55641

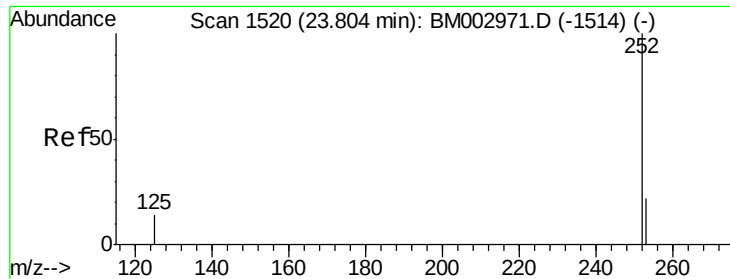
Ion Ratio Lower Upper

228 100

226 29.3 25.7 38.5

229 26.8 15.2 22.8#





#23

Benzo(b)fluoranthene

Concen: 0.89 ng/ul

RT: 23.80 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BM002976.D

Acq: 22 Oct 2015 13:56

Instrument :

BNA_M

ClientSampleId :

JG9K3

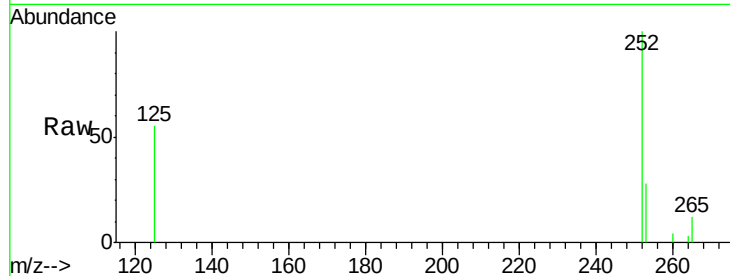
Tot Ion:252 Resp: 75855

Ion Ratio Lower Upper

252 100

253 27.9 0.0 48.0

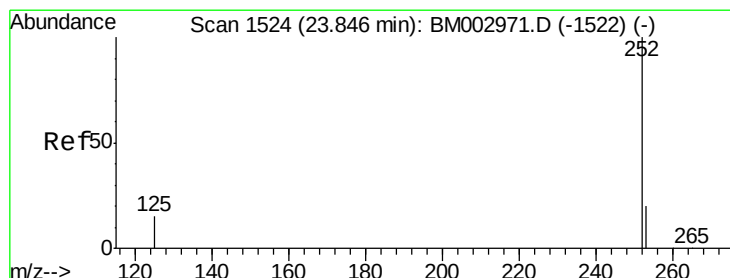
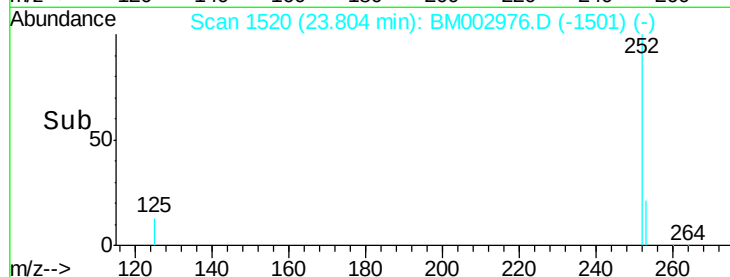
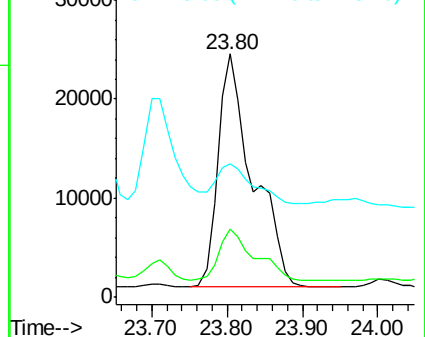
125 55.0 0.0 36.6#



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: 0.91 ng/ul

RT: 23.80 min Scan# 1520

Delta R.T. -0.04 min

Lab File: BM002976.D

Acq: 22 Oct 2015 13:56

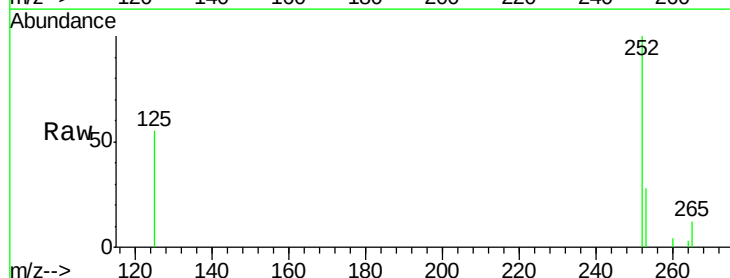
Tgt Ion:252 Resp: 75855

Ion Ratio Lower Upper

252 100

253 27.9 20.8 31.2

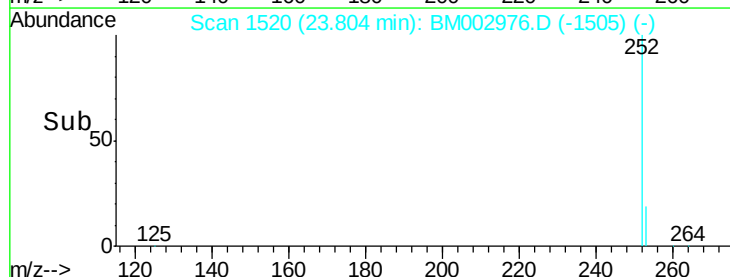
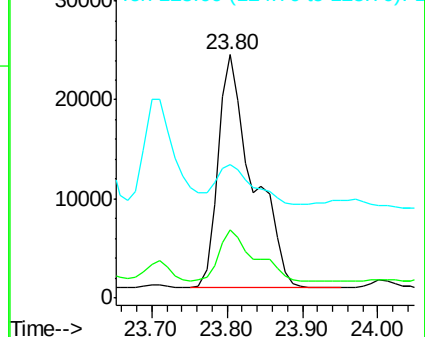
125 55.0 12.2 18.4#

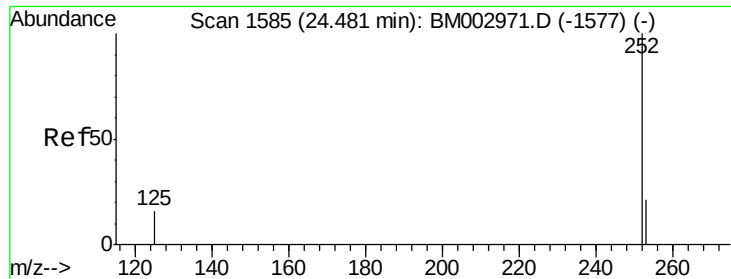


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.16 ng/ul

RT: 24.48 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BM002976.D

Acq: 22 Oct 2015 13:56

Instrument :

BNA_M

ClientSampleId :

JG9K3

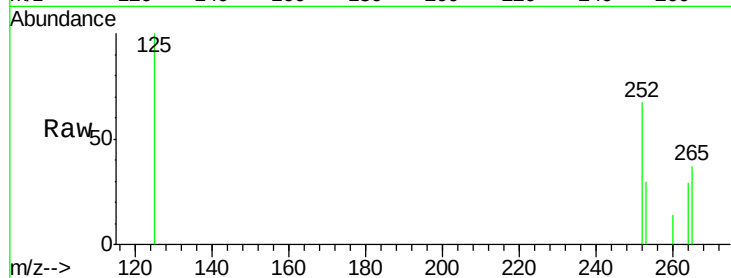
Tot Ion:252 Resp: 12676

Ion Ratio Lower Upper

252 100

253 45.4 21.8 32.8#

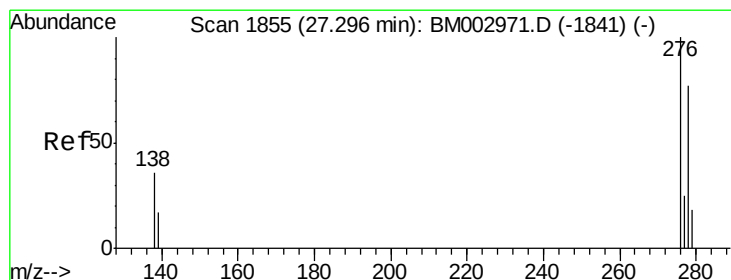
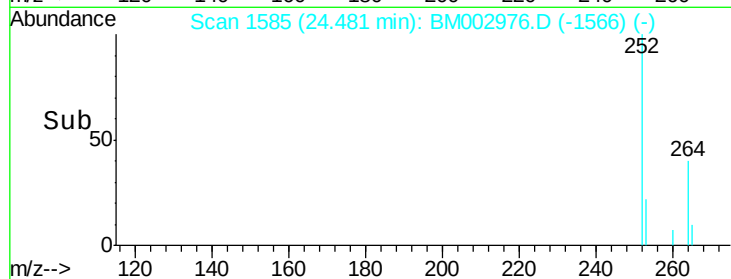
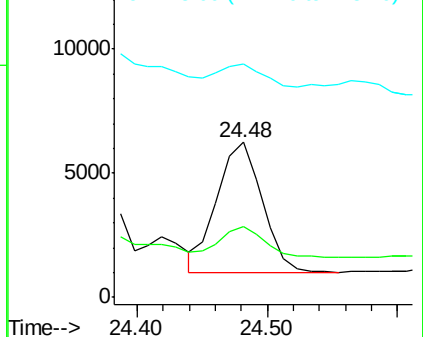
125 150.3 14.5 21.7#



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: 0.19 ng/ul

RT: 27.31 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BM002976.D

Acq: 22 Oct 2015 13:56

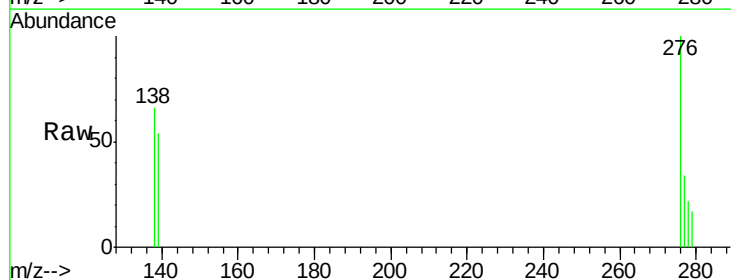
Tgt Ion:276 Resp: 17085

Ion Ratio Lower Upper

276 100

138 42.7 27.5 41.3#

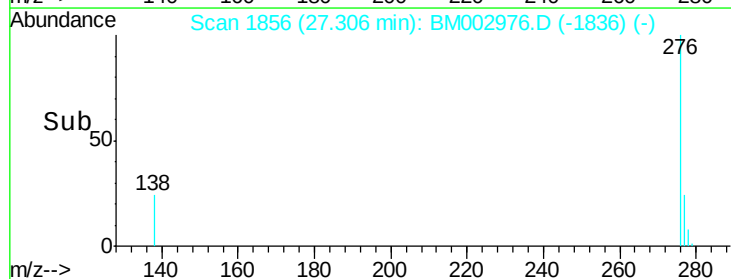
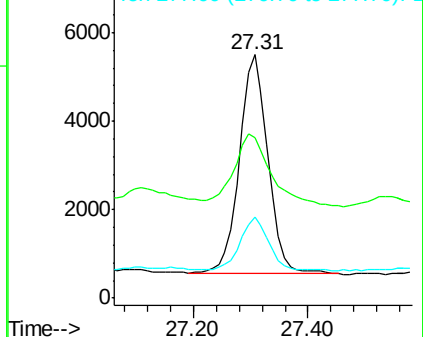
277 24.6 19.3 28.9

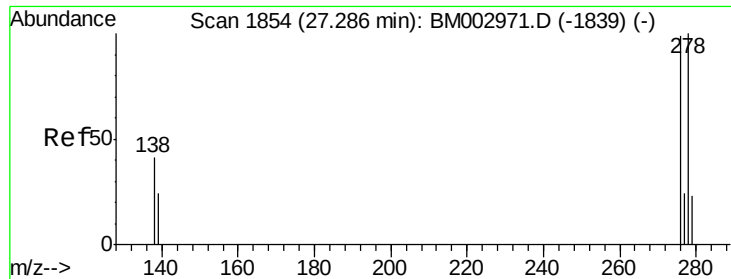


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.06 ng/ul

RT: 27.30 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BM002976.D

Acq: 22 Oct 2015 13:56

Instrument :

BNA_M

ClientSampleId :

JG9K3

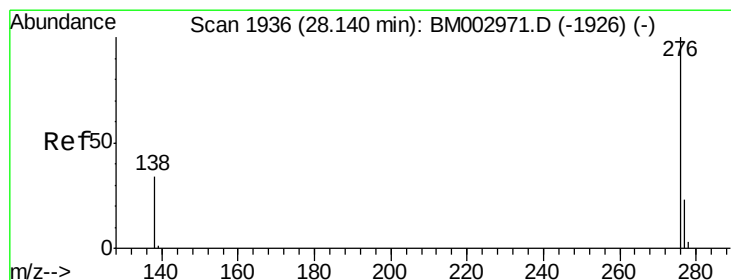
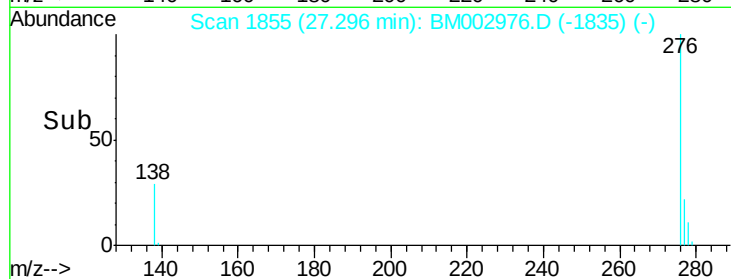
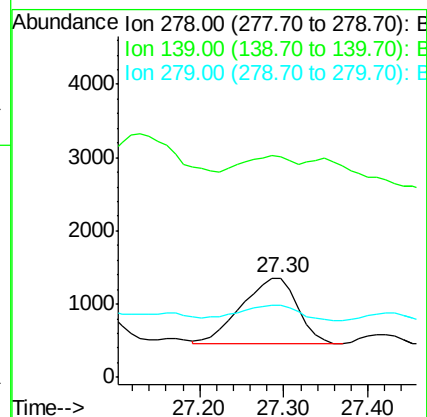
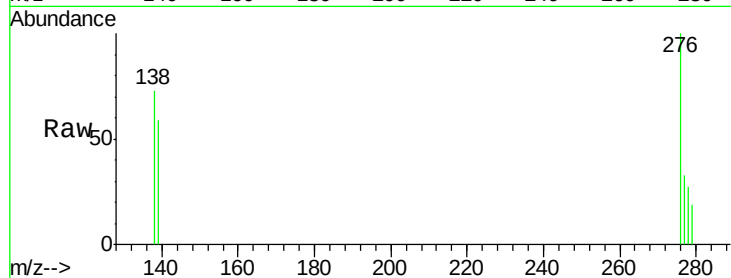
Tot Ion:278 Resp: 4081

Ion Ratio Lower Upper

278 100

139 221.9 21.7 32.5#

279 72.3 21.9 32.9#



#28

Benzo(g,h,i)perylene

Concen: 0.25 ng/ul

RT: 28.15 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BM002976.D

Acq: 22 Oct 2015 13:56

Tgt Ion:276 Resp: 18504

Ion Ratio Lower Upper

276 100

277 32.4 21.3 31.9#

138 73.1 25.5 38.3#

