

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002742.D
 Acq On : 28 Sep 2015 20:17
 Operator : UM/IZ
 Sample : G3798-23
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G75

Quant Time: Sep 29 02:53:49 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 02:52:19 2015
 Response via : Initial Calibration

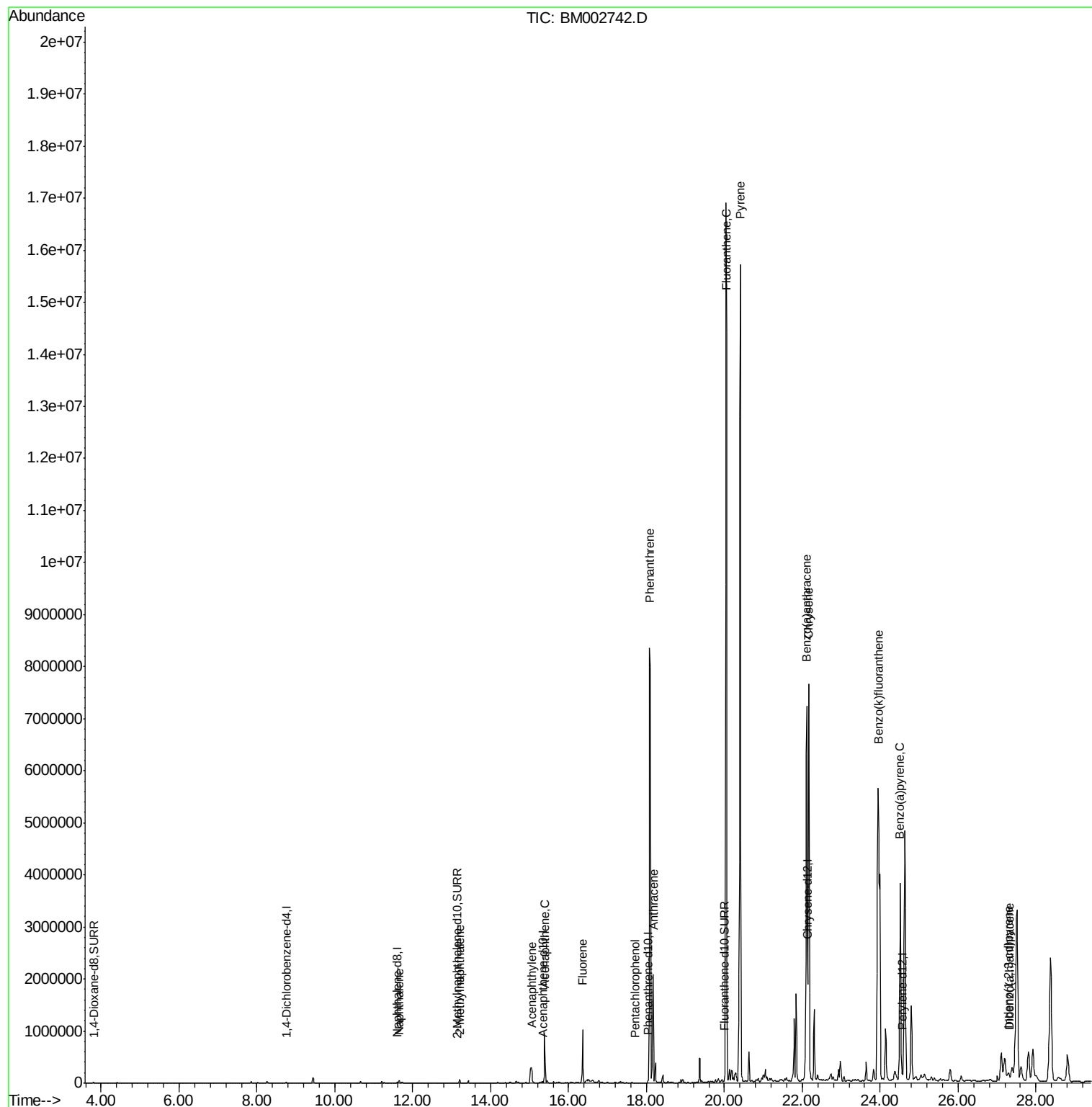
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.75	152	9320	0.40	ng/ul	0.02
4) Naphthalene-d8	11.60	136	36638	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	20864	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.05	188	41138	0.40	ng/ul	0.02
18) Chrysene-d12	22.14	240	54042	0.40	ng/ul	0.00
22) Perylene-d12	24.58	264	89926	0.40	ng/ul	-0.16
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.80	96	12791	1.33	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	5753	0.11	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	8399	0.08	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.65	128	84920	0.86	ng/ul	98
7) 2-Methylnaphthalene	13.20	142	49612	0.78	ng/ul	99
9) Acenaphthylene	15.06	152	255974	2.38	ng/ul	97
10) Acenaphthene	15.38	153	610664	7.78	ng/ul	97
11) Fluorene	16.36	166	696543	7.78	ng/ul	91
13) Pentachlorophenol	17.71	266	421	0.05	ng/ul#	79
14) Phenanthrene	18.08	178	12234773	91.40	ng/ul	95
15) Anthracene	18.17	178	2442704	19.74	ng/ul	97
17) Fluoranthene	20.05	202	17829999	122.47	ng/ul	71
19) Pyrene	20.41	202	15950476	75.73	ng/ul#	78
20) Benzo(a)anthracene	22.12	228	8713922	48.25	ng/ul	96
21) Chrysene	22.17	228	9221790	53.35	ng/ul	94
24) Benzo(k)fluoranthene	23.95	252	13435392	44.73	ng/ul	96
25) Benzo(a)pyrene	24.51	252	6059294	20.30	ng/ul#	90
26) Indeno(1,2,3-cd)pyrene	27.29	276	133722	0.40	ng/ul#	80
27) Dibenzo(a,h)anthracene	27.31	278	23679	0.09	ng/ul#	83

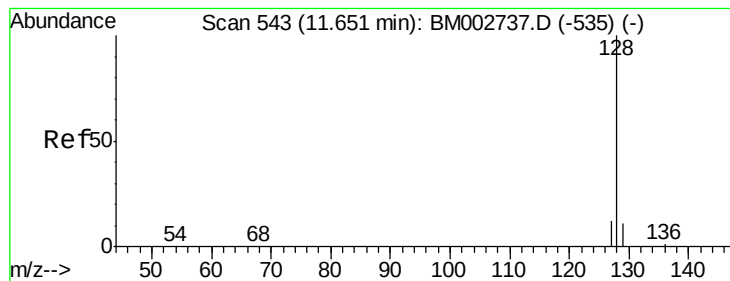
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.86 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. -0.00 min

Lab File: BM002742.D

Acq: 28 Sep 2015 20:17

Instrument :

BNA_M

ClientSampleId :

D9G75

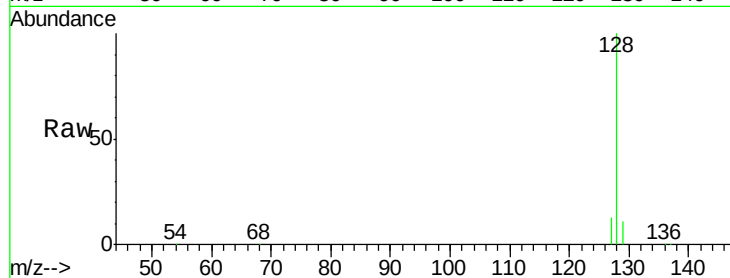
Tot Ion:128 Resp: 84920

Ion Ratio Lower Upper

128 100

129 11.3 9.8 14.8

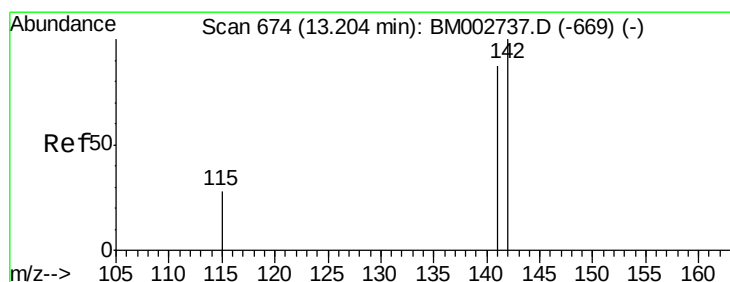
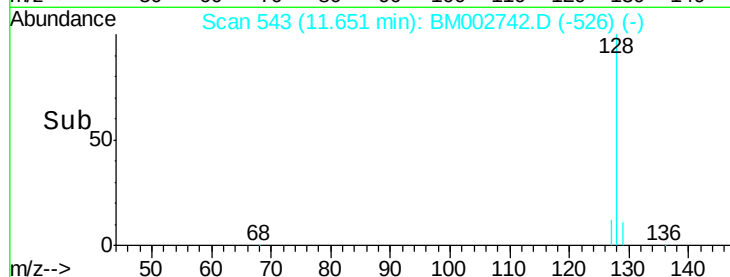
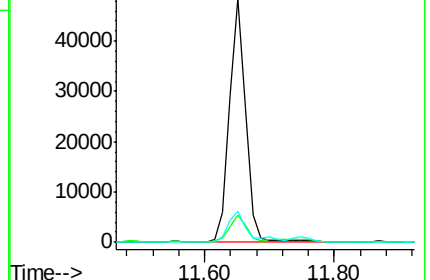
127 12.6 10.7 16.1



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: 0.78 ng/ul

RT: 13.20 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM002742.D

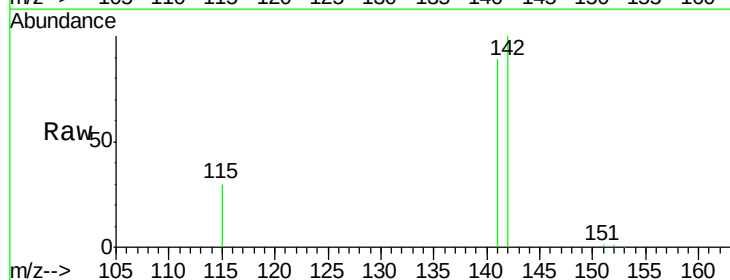
Acq: 28 Sep 2015 20:17

Tgt Ion:142 Resp: 49612

Ion Ratio Lower Upper

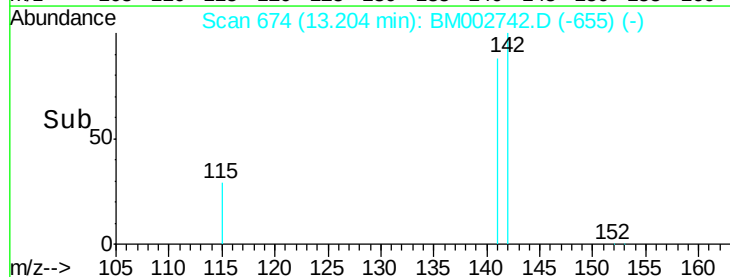
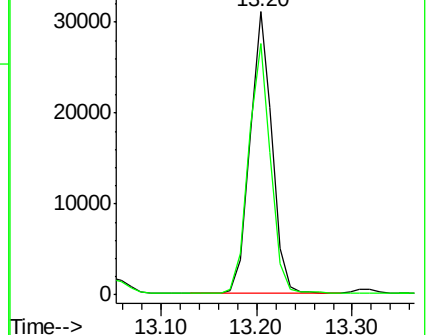
142 100

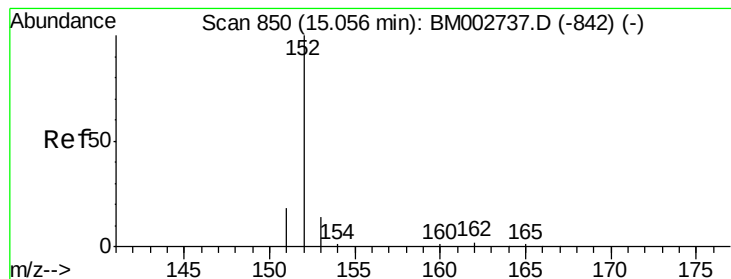
141 88.9 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 2.38 ng/ul

RT: 15.06 min Scan# 850

Delta R.T. -0.00 min

Lab File: BM002742.D

Acq: 28 Sep 2015 20:17

Instrument :

BNA_M

ClientSampleId :

D9G75

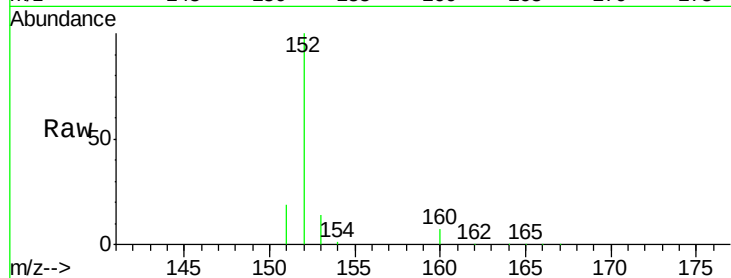
Tot Ion:152 Resp: 255974

Ion Ratio Lower Upper

152 100

151 18.7 16.8 25.2

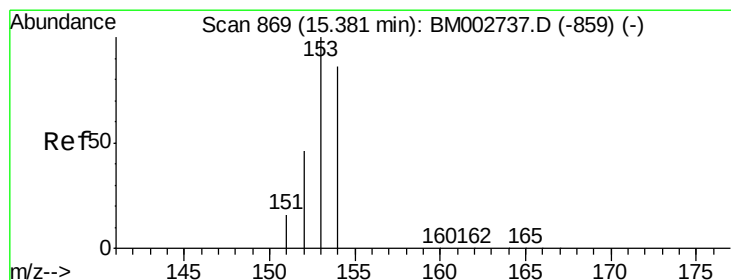
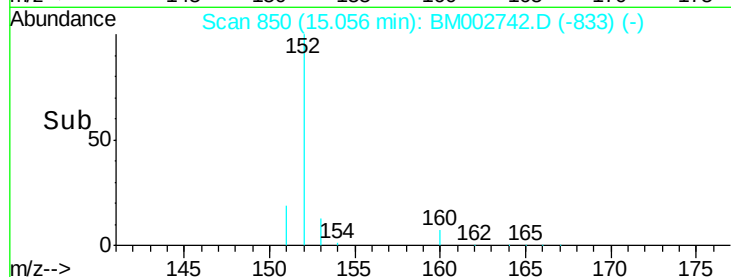
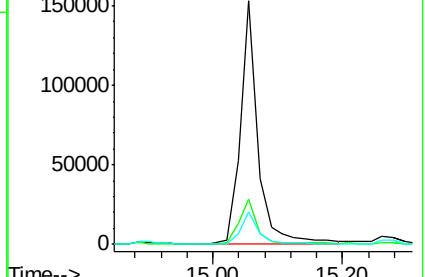
153 13.5 11.3 16.9



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: 7.78 ng/ul

RT: 15.38 min Scan# 869

Delta R.T. -0.00 min

Lab File: BM002742.D

Acq: 28 Sep 2015 20:17

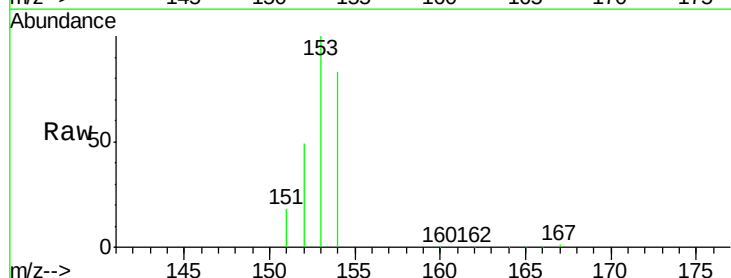
Tgt Ion:153 Resp: 610664

Ion Ratio Lower Upper

153 100

152 49.0 42.3 63.5

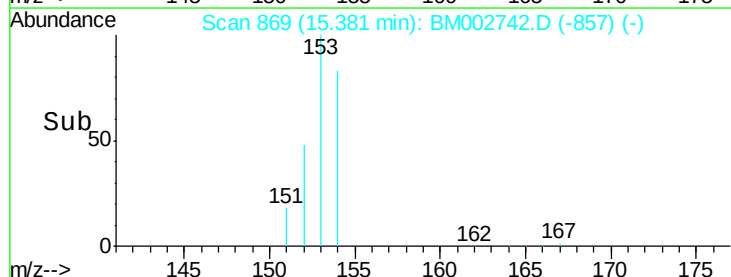
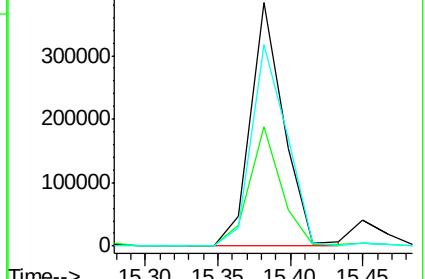
154 82.7 64.7 97.1

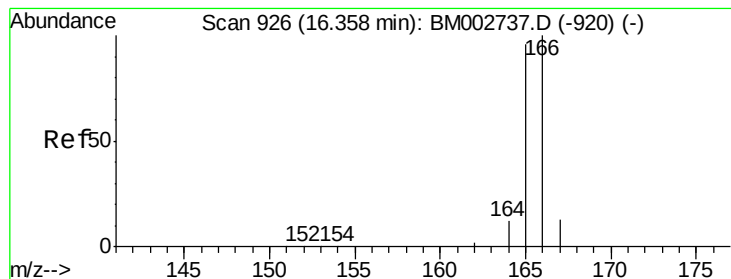


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 7.78 ng/ul

RT: 16.36 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM002742.D

Acq: 28 Sep 2015 20:17

Instrument :

BNA_M

ClientSampleId :

D9G75

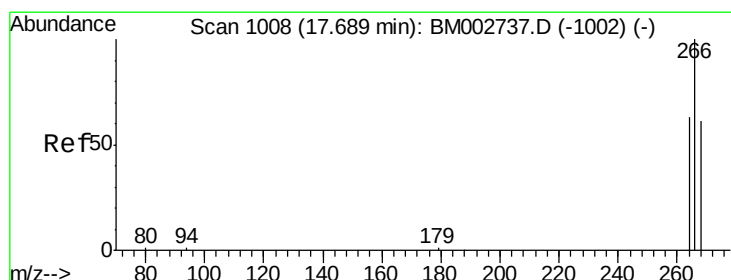
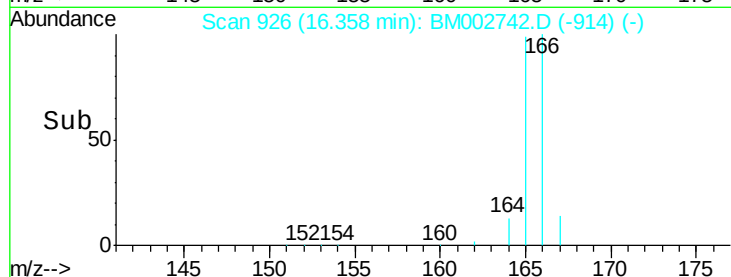
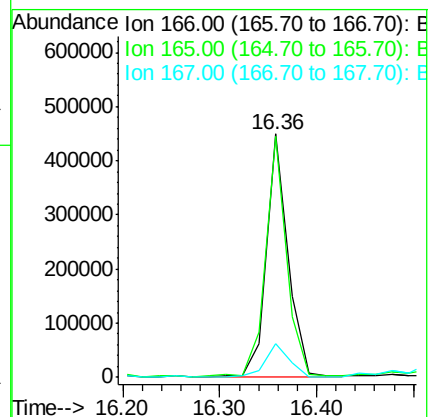
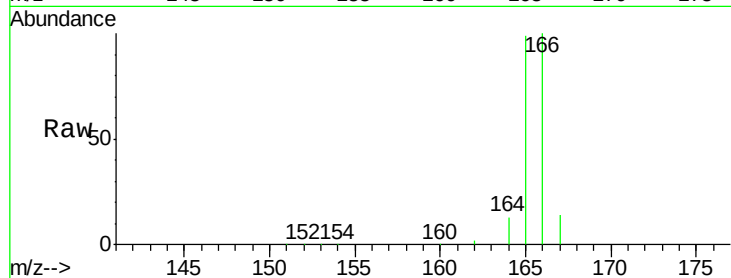
Tot Ion:166 Resp: 696543

Ion Ratio Lower Upper

166 100

165 99.1 87.6 131.4

167 14.1 11.1 16.7



#13

Pentachlorophenol

Concen: 0.05 ng/ul

RT: 17.71 min Scan# 1009

Delta R.T. 0.02 min

Lab File: BM002742.D

Acq: 28 Sep 2015 20:17

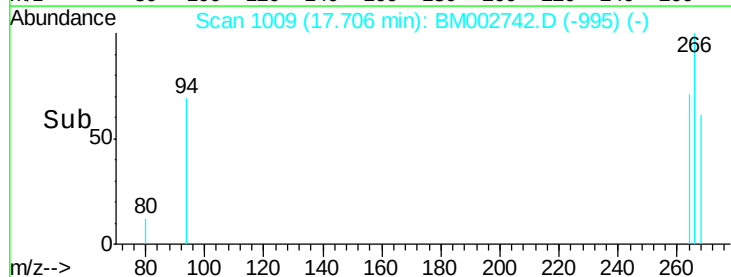
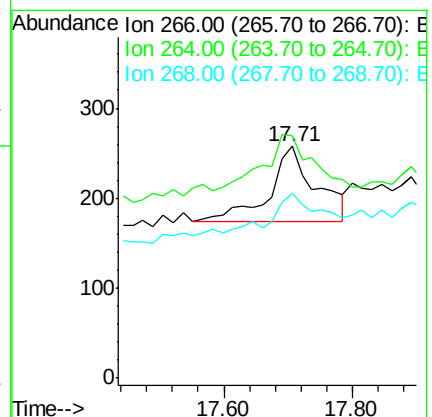
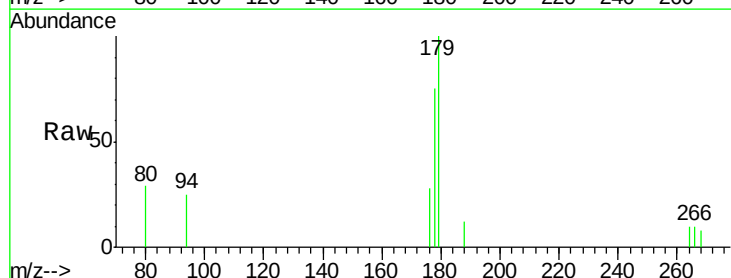
Tgt Ion:266 Resp: 421

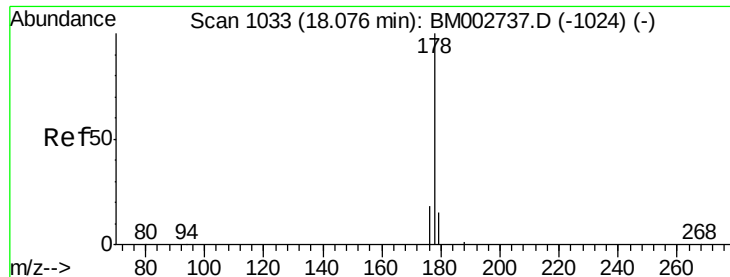
Ion Ratio Lower Upper

266 100

264 86.9 53.5 80.3#

268 81.7 54.2 81.2#





#14

Phenanthrene

Concen: 91.40 ng/ul

RT: 18.08 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BM002742.D

Acq: 28 Sep 2015 20:17

Instrument :

BNA_M

ClientSampleId :

D9G75

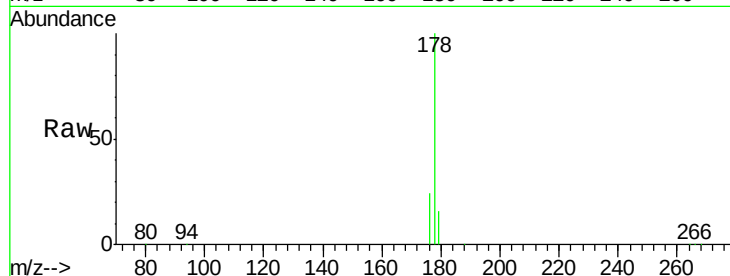
Tot Ion:178 Resp:12234773

Ion Ratio Lower Upper

178 100

176 23.9 16.2 24.4

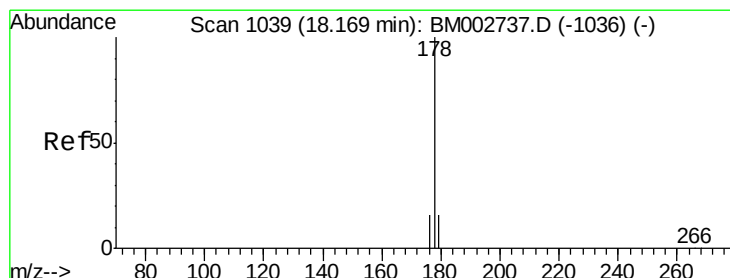
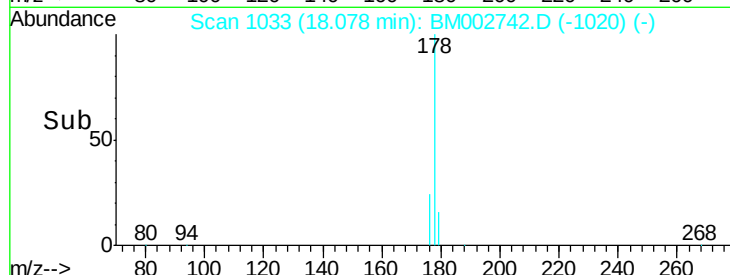
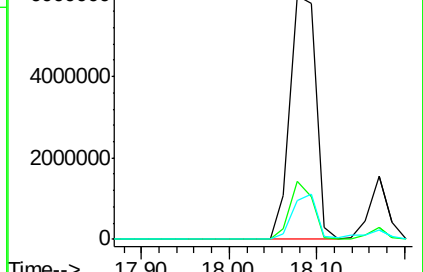
179 15.9 12.8 19.2



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: 19.74 ng/ul

RT: 18.17 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BM002742.D

Acq: 28 Sep 2015 20:17

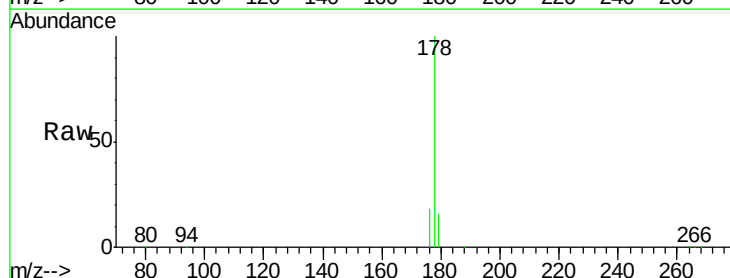
Tgt Ion:178 Resp: 2442704

Ion Ratio Lower Upper

178 100

176 18.0 15.8 23.8

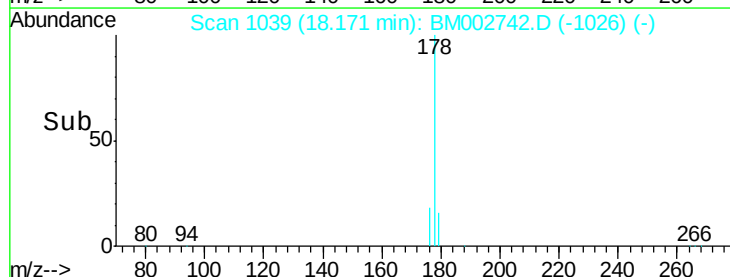
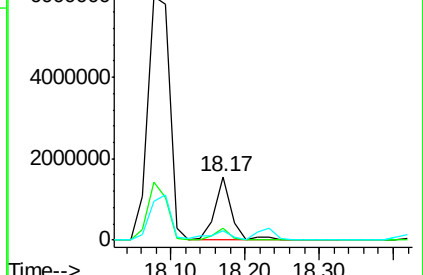
179 15.7 13.3 19.9

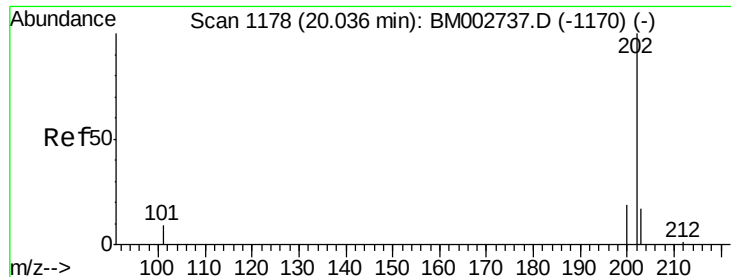


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

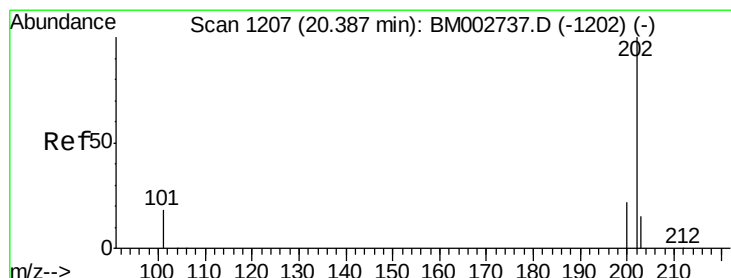
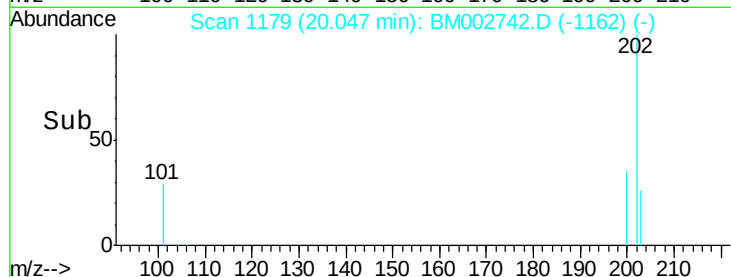
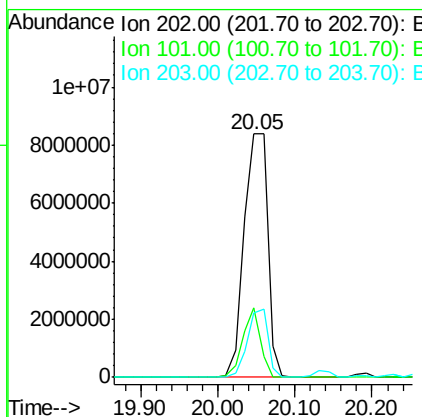
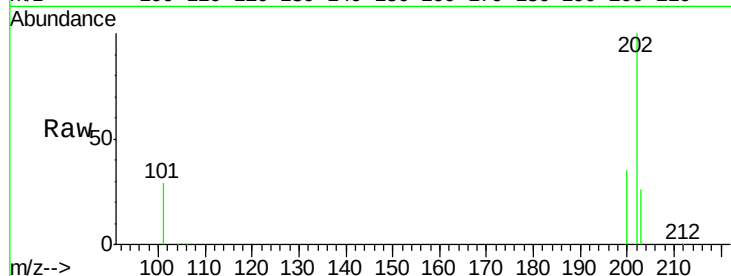




#17
Fluoranthene
Concen: 122.47 ng/ul
RT: 20.05 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BM002742.D
Acq: 28 Sep 2015 20:17

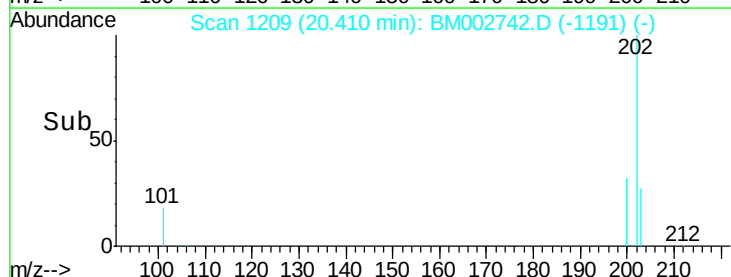
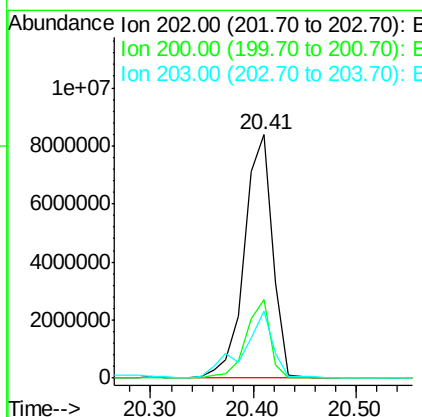
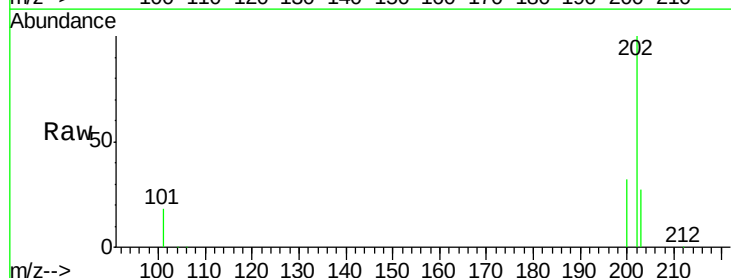
Instrument :
BNA_M
ClientSampled :
D9G75

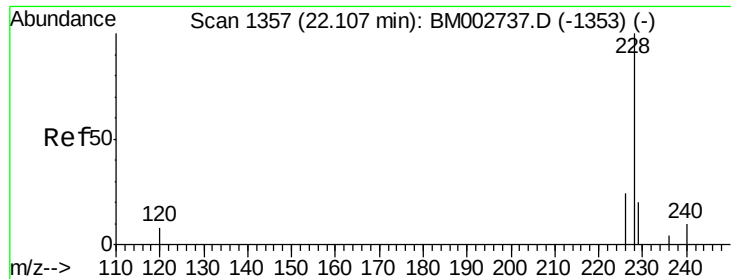
Tot Ion:202 Resp:17829999
Ion Ratio Lower Upper
202 100
101 28.7 0.0 33.1
203 26.3 0.0 37.2



#19
Pyrene
Concen: 75.73 ng/ul
RT: 20.41 min Scan# 1209
Delta R.T. 0.02 min
Lab File: BM002742.D
Acq: 28 Sep 2015 20:17

Tgt Ion:202 Resp:15950476
Ion Ratio Lower Upper
202 100
200 32.2 18.0 27.0#
203 27.4 13.8 20.6#





#20

Benzo(a)anthracene

Concen: 48.25 ng/ul

RT: 22.12 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BM002742.D

Acq: 28 Sep 2015 20:17

Instrument :

BNA_M

ClientSampleId :

D9G75

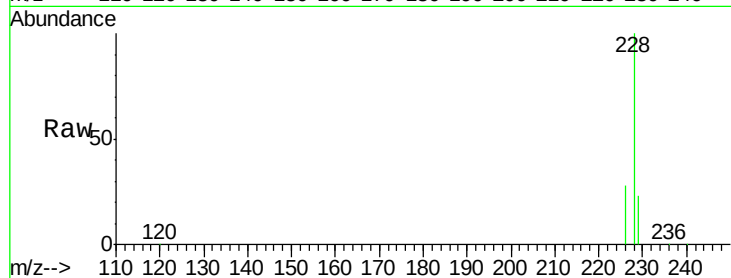
Tot Ion:228 Resp: 8713922

Ion Ratio Lower Upper

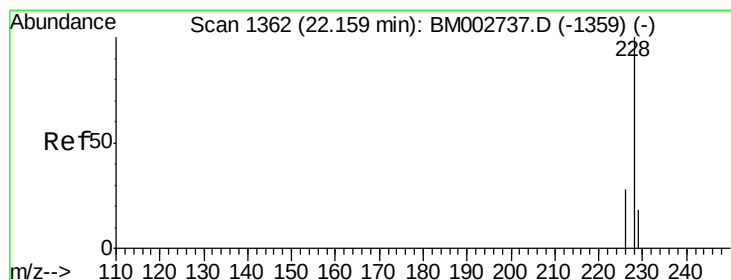
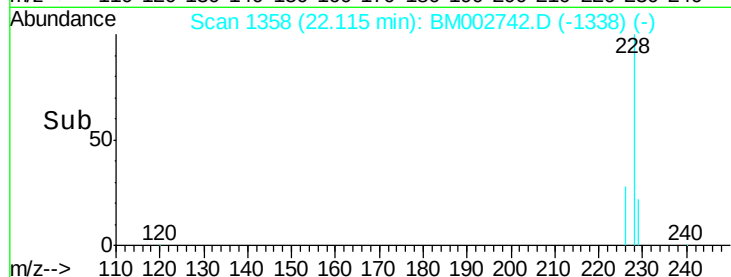
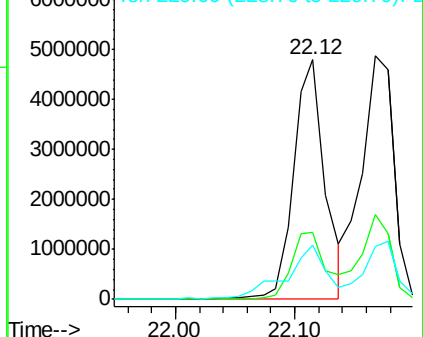
228 100

226 28.1 23.0 34.4

229 22.6 15.2 22.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#21

Chrysene

Concen: 53.35 ng/ul

RT: 22.17 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BM002742.D

Acq: 28 Sep 2015 20:17

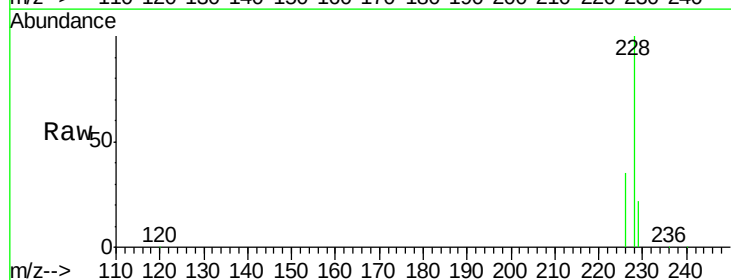
Tgt Ion:228 Resp: 9221790

Ion Ratio Lower Upper

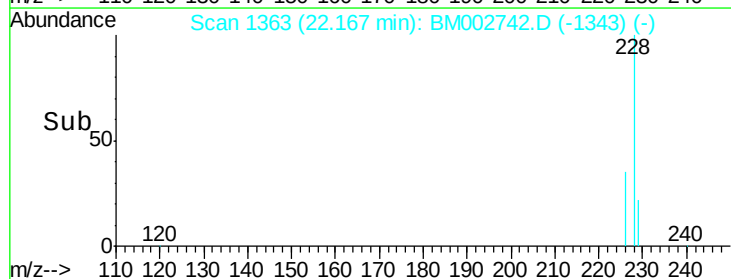
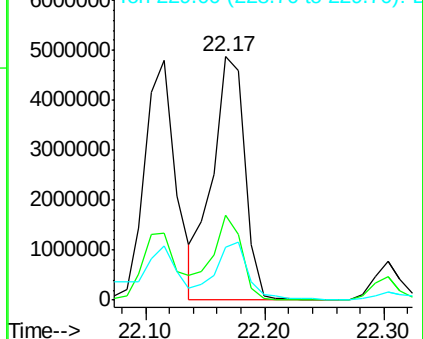
228 100

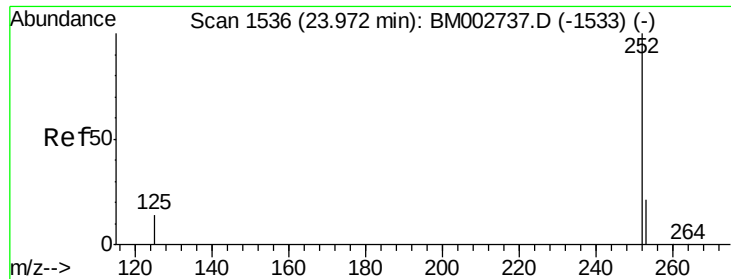
226 35.1 25.7 38.5

229 22.0 15.2 22.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#24

Benzo(k)fluoranthene

Concen: 44.73 ng/ul

RT: 23.95 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BM002742.D

Acq: 28 Sep 2015 20:17

Instrument :

BNA_M

ClientSampleId :

D9G75

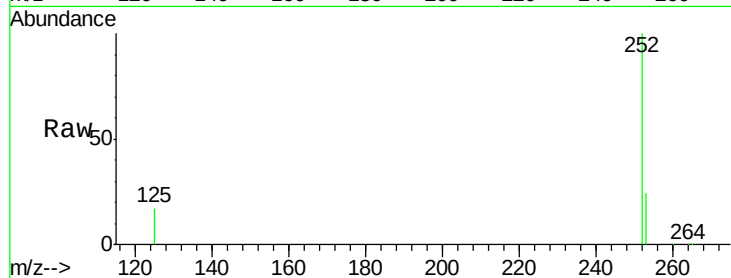
Tot Ion:252 Resp:13435392

Ion Ratio Lower Upper

252 100

253 24.0 20.8 31.2

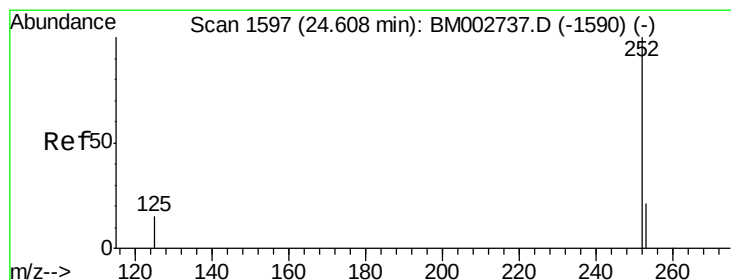
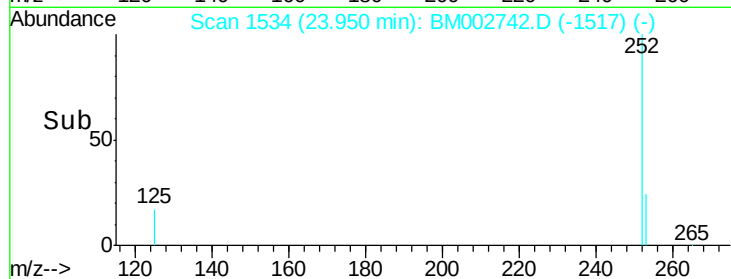
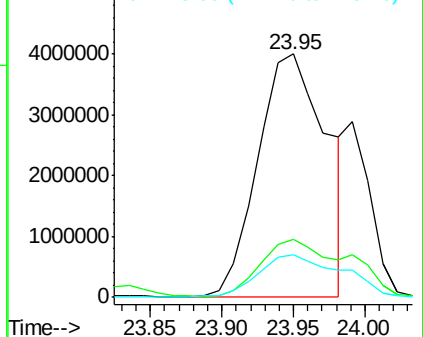
125 17.4 12.2 18.4



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: 20.30 ng/ul

RT: 24.51 min Scan# 1588

Delta R.T. -0.10 min

Lab File: BM002742.D

Acq: 28 Sep 2015 20:17

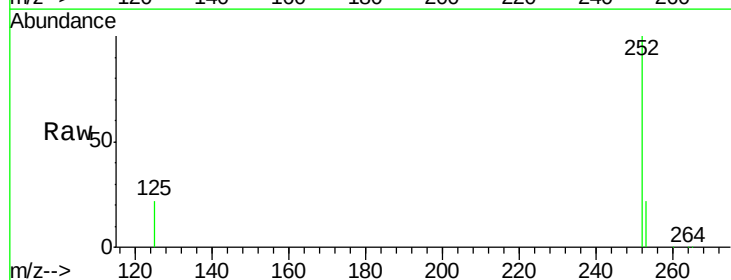
Tgt Ion:252 Resp: 6059294

Ion Ratio Lower Upper

252 100

253 22.3 21.8 32.8

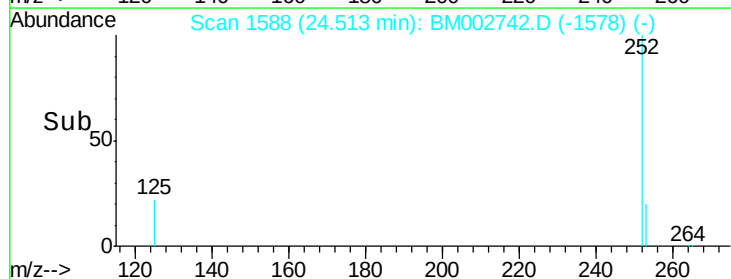
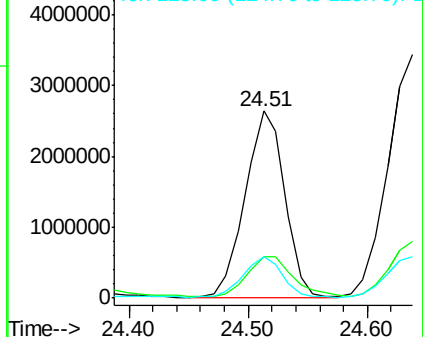
125 22.4 14.5 21.7#

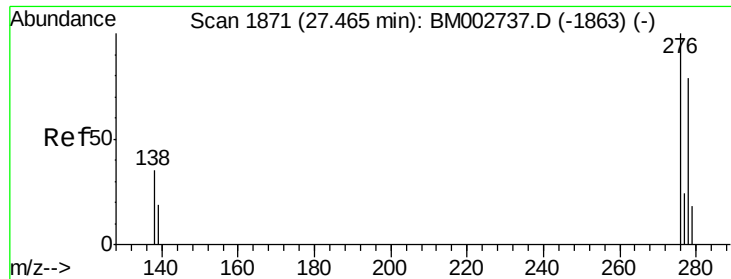


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.40 ng/ul

RT: 27.29 min Scan# 1854

Delta R.T. -0.18 min

Lab File: BM002742.D

Acq: 28 Sep 2015 20:17

Instrument :

BNA_M

ClientSampleId :

D9G75

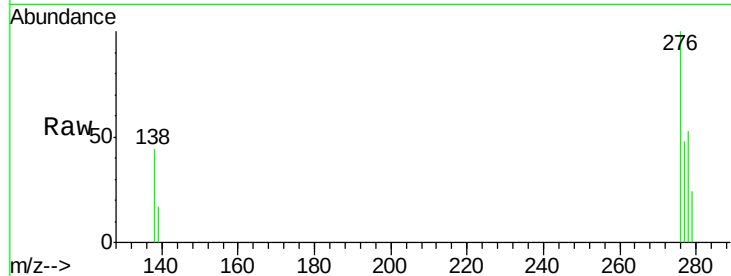
Tot Ion:276 Resp: 133722

Ion Ratio Lower Upper

276 100

138 34.0 27.5 41.3

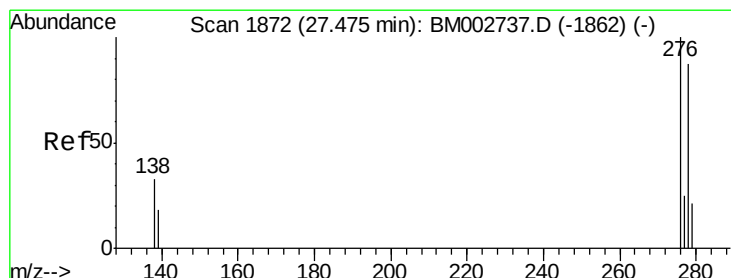
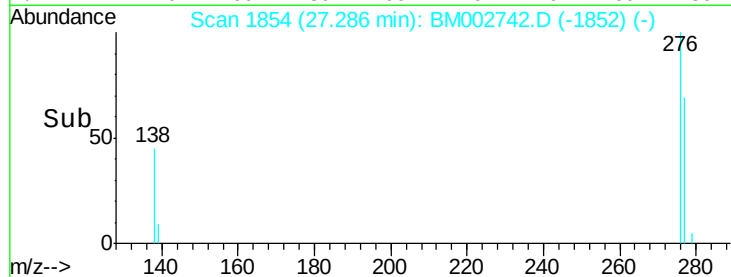
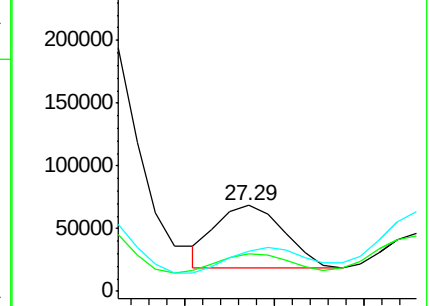
277 47.8 19.3 28.9#



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: 0.09 ng/ul

RT: 27.31 min Scan# 1856

Delta R.T. -0.17 min

Lab File: BM002742.D

Acq: 28 Sep 2015 20:17

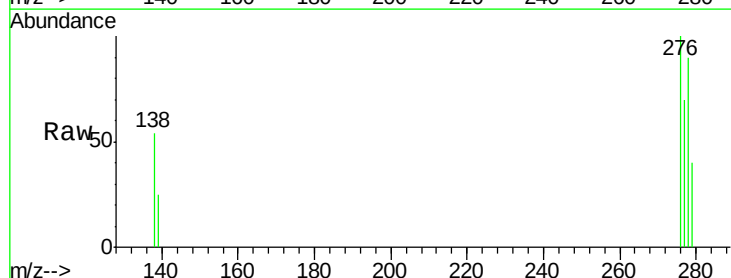
Tgt Ion:278 Resp: 23679

Ion Ratio Lower Upper

278 100

139 28.1 21.7 32.5

279 44.2 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

