

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092815\
 Data File : BM002732.D
 Acq On : 28 Sep 2015 13:35
 Operator : UM/IZ
 Sample : G3798-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G65

Quant Time: Sep 29 00:33:13 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 00:32:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	10696	0.40	ng/ul	0.00
4) Naphthalene-d8	11.60	136	41503	0.40	ng/ul	0.01
8) Acenaphthene-d10	15.33	164	22859	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	46904	0.40	ng/ul	0.00
18) Chrysene-d12	22.13	240	50831	0.40	ng/ul	0.00
22) Perylene-d12	24.56	264	59192	0.40	ng/ul	-0.16

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.80	96	24956	2.26	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	10113	0.17	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	19698	0.17	ng/ul	0.01

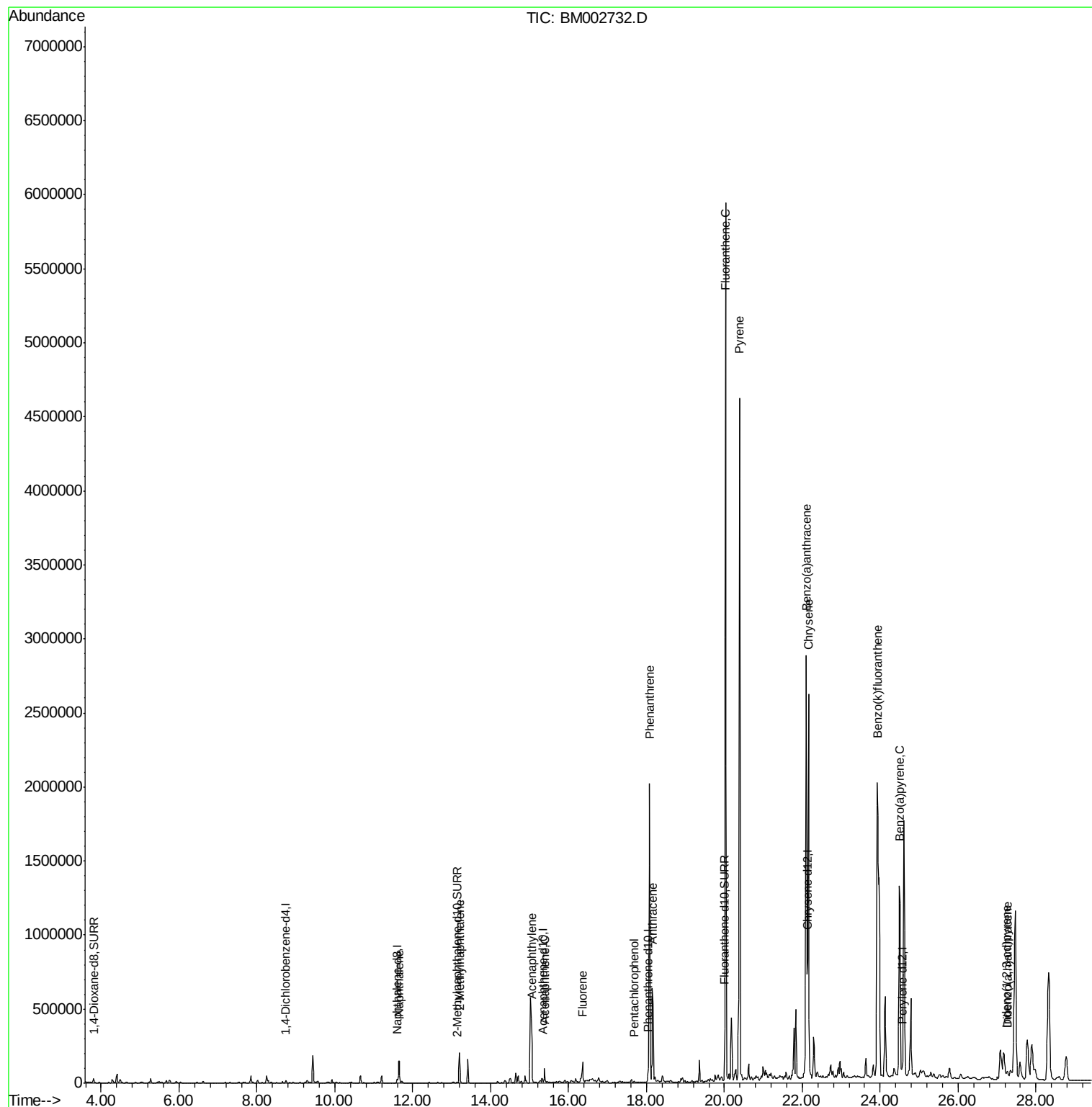
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	11.65	128	241186	2.14	ng/ul	97
7) 2-Methylnaphthalene	13.20	142	164532	2.27	ng/ul	99
9) Acenaphthylene	15.06	152	397082	3.37	ng/ul#	94
10) Acenaphthene	15.38	153	57596	0.67	ng/ul	92
11) Fluorene	16.36	166	116180	1.18	ng/ul#	85
13) Pentachlorophenol	17.69	266	5265	0.58	ng/ul	96
14) Phenanthrene	18.08	178	2623921	17.19	ng/ul	95
15) Anthracene	18.16	178	897779	6.36	ng/ul	97
17) Fluoranthene	20.03	202	5489535	33.07	ng/ul	96
19) Pyrene	20.39	202	4981362	25.15	ng/ul	98
20) Benzo(a)anthracene	22.11	228	3174667	18.69	ng/ul	94
21) Chrysene	22.16	228	2824400	17.37	ng/ul	97
24) Benzo(k)fluoranthene	23.93	252	5568417	28.17	ng/ul	95
25) Benzo(a)pyrene	24.49	252	2039490	10.38	ng/ul#	90
26) Indeno(1,2,3-cd)pyrene	27.25	276	53356	0.24	ng/ul#	79
27) Dibenzo(a,h)anthracene	27.28	278	5679	0.03	ng/ul#	39

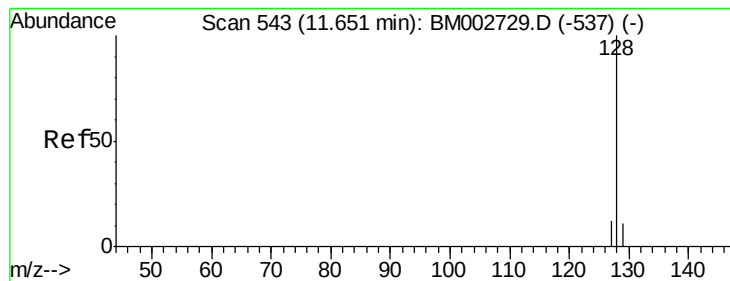
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092815\
Data File : BM002732.D
Acq On : 28 Sep 2015 13:35
Operator : UM/IZ
Sample : G3798-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9G65

Quant Time: Sep 29 00:33:13 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 00:32:23 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 2.14 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. -0.00 min

Lab File: BM002732.D

Acq: 28 Sep 2015 13:35

Instrument :

BNA_M

ClientSampleId :

D9G65

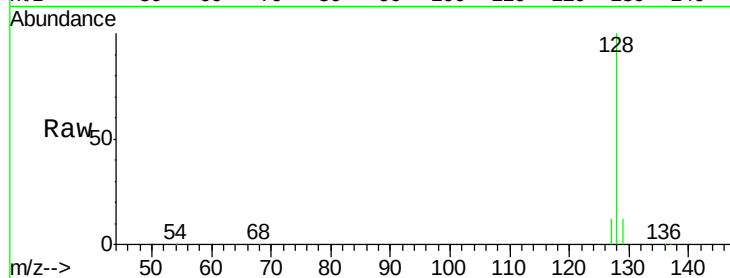
Tgt Ion:128 Resp: 241186

Ion Ratio Lower Upper

128 100

129 11.6 9.8 14.8

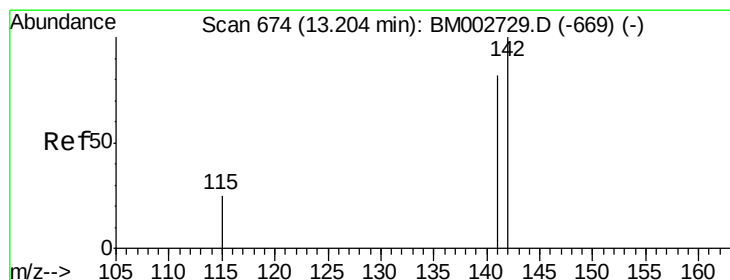
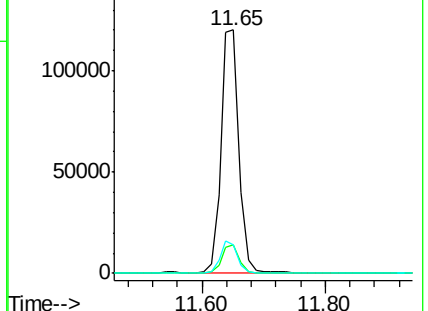
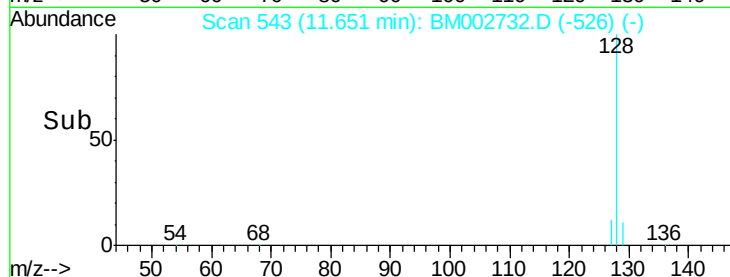
127 11.7 10.7 16.1



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: 2.27 ng/ul

RT: 13.20 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM002732.D

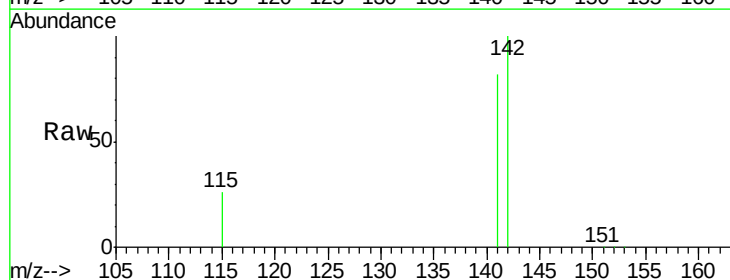
Acq: 28 Sep 2015 13:35

Tgt Ion:142 Resp: 164532

Ion Ratio Lower Upper

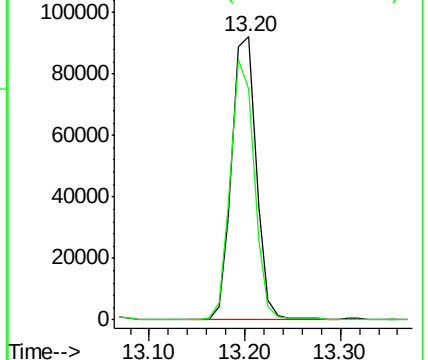
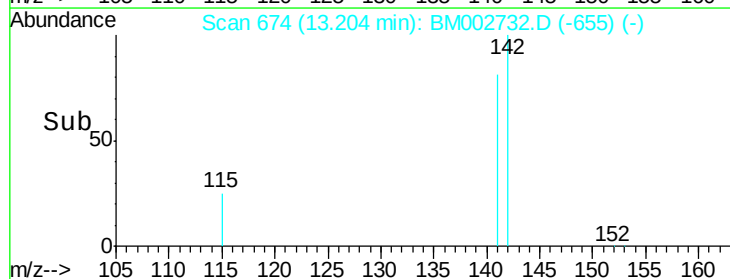
142 100

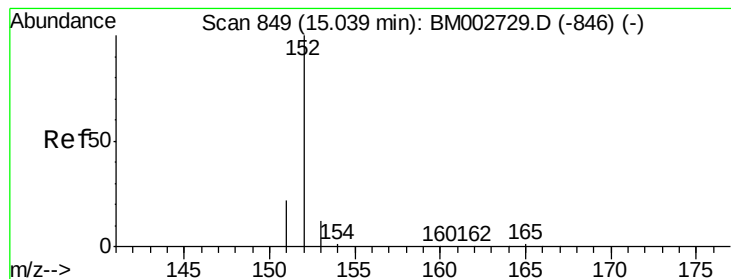
141 88.7 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 3.37 ng/ul

RT: 15.06 min Scan# 850

Delta R.T. 0.02 min

Lab File: BM002732.D

Acq: 28 Sep 2015 13:35

Instrument :

BNA_M

ClientSampleId :

D9G65

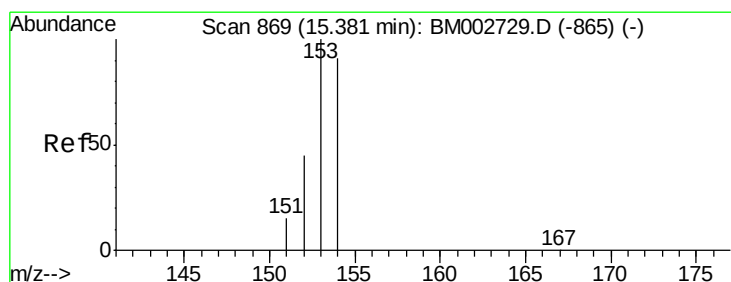
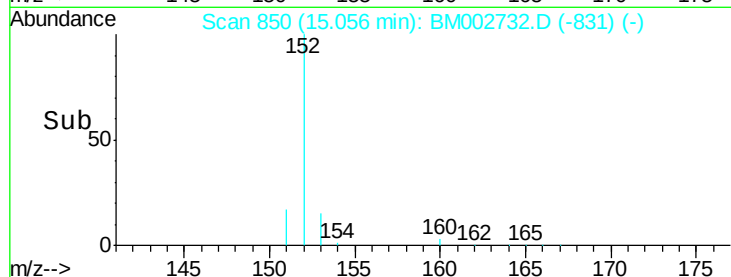
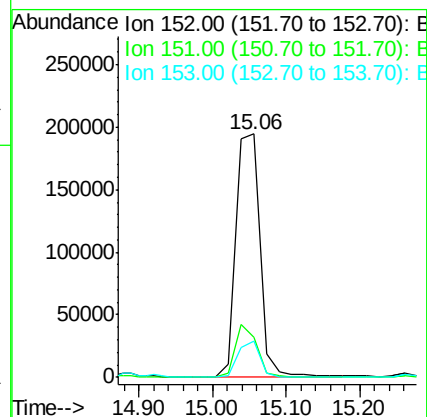
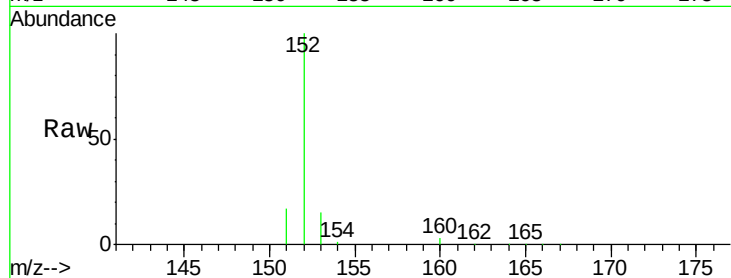
Tgt Ion:152 Resp: 397082

Ion Ratio Lower Upper

152 100

151 16.7 16.8 25.2#

153 14.6 11.3 16.9



#10

Acenaphthene

Concen: 0.67 ng/ul

RT: 15.38 min Scan# 869

Delta R.T. -0.00 min

Lab File: BM002732.D

Acq: 28 Sep 2015 13:35

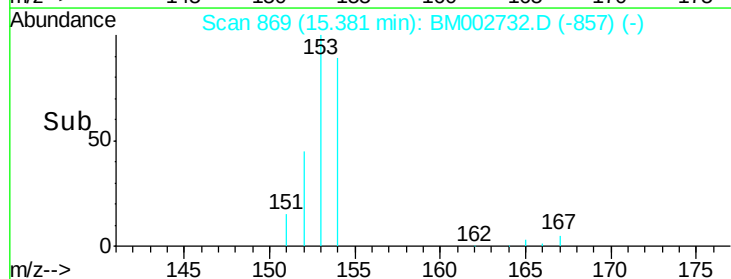
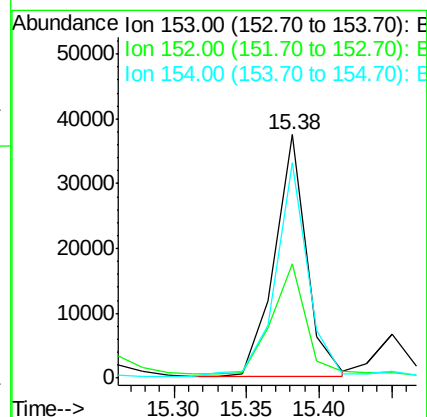
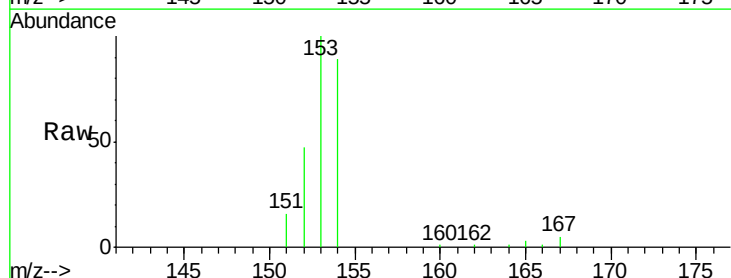
Tgt Ion:153 Resp: 57596

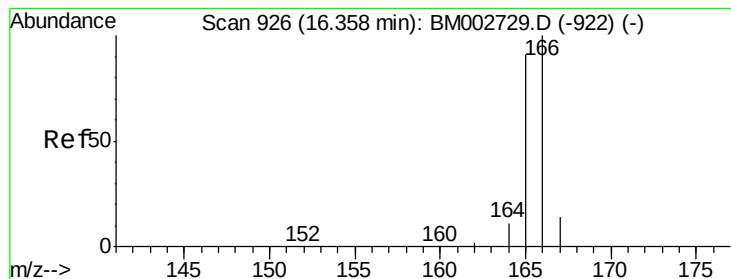
Ion Ratio Lower Upper

153 100

152 47.2 42.3 63.5

154 88.6 64.7 97.1





#11

Fluorene

Concen: 1.18 ng/ul

RT: 16.36 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM002732.D

Acq: 28 Sep 2015 13:35

Instrument :

BNA_M

ClientSampleId :

D9G65

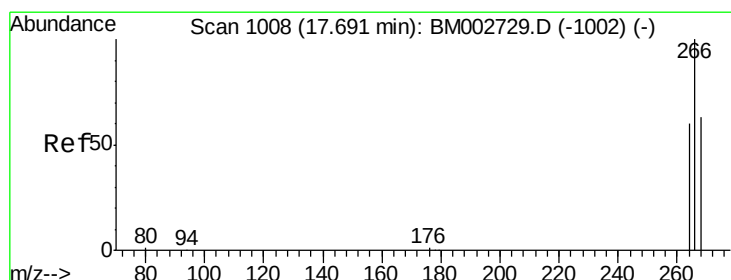
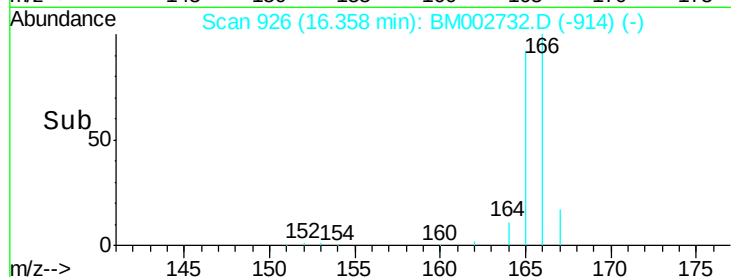
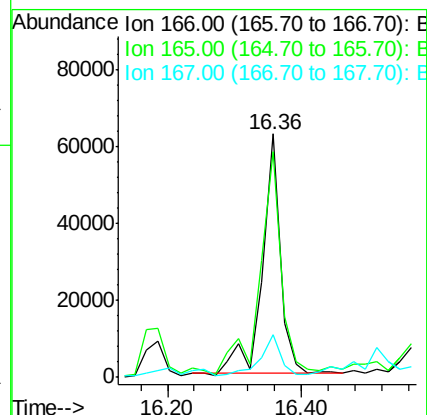
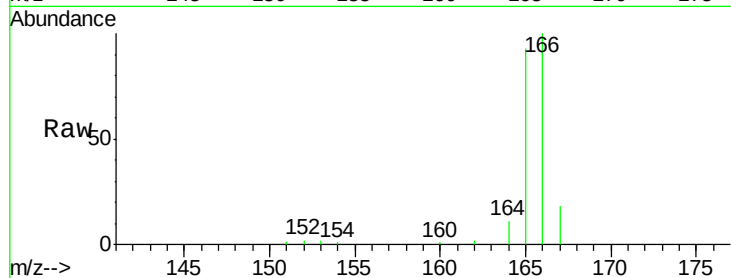
Tgt Ion:166 Resp: 116180

Ion Ratio Lower Upper

166 100

165 92.7 87.6 131.4

167 17.7 11.1 16.7#



#13

Pentachlorophenol

Concen: 0.58 ng/ul

RT: 17.69 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BM002732.D

Acq: 28 Sep 2015 13:35

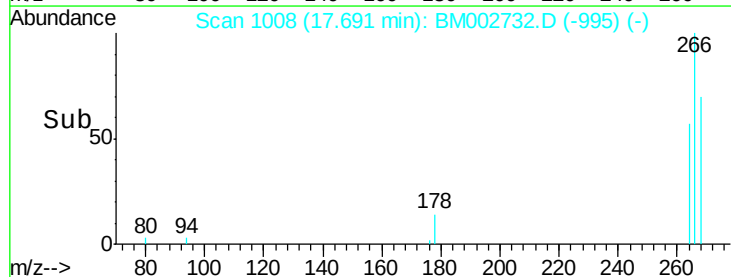
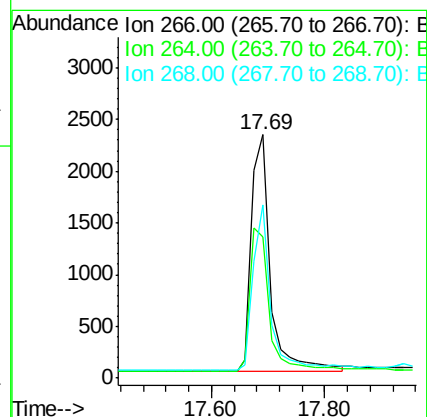
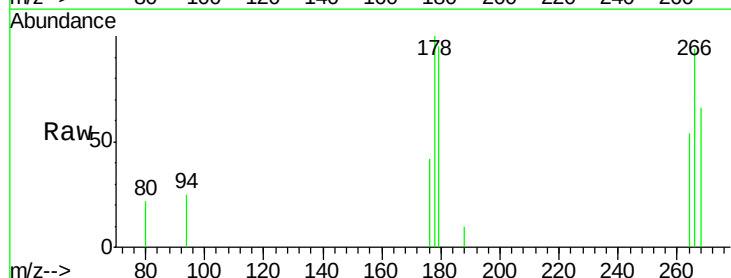
Tgt Ion:266 Resp: 5265

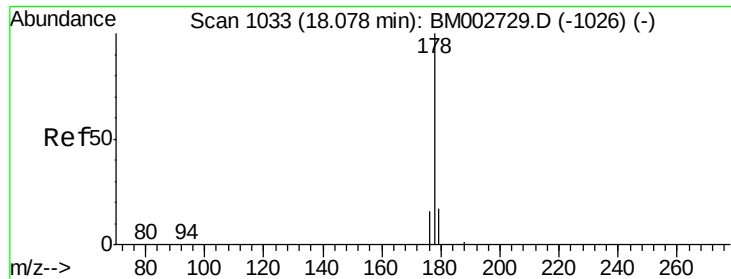
Ion Ratio Lower Upper

266 100

264 63.1 53.5 80.3

268 65.0 54.2 81.2





#14

Phenanthrene

Concen: 17.19 ng/ul

RT: 18.08 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BM002732.D

Acq: 28 Sep 2015 13:35

Instrument :

BNA_M

ClientSampleId :

D9G65

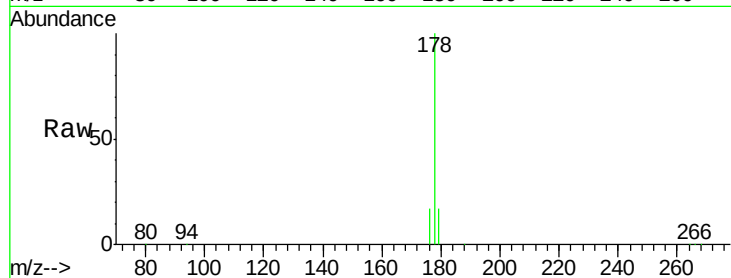
Tgt Ion:178 Resp: 2623921

Ion Ratio Lower Upper

178 100

176 16.9 16.2 24.4

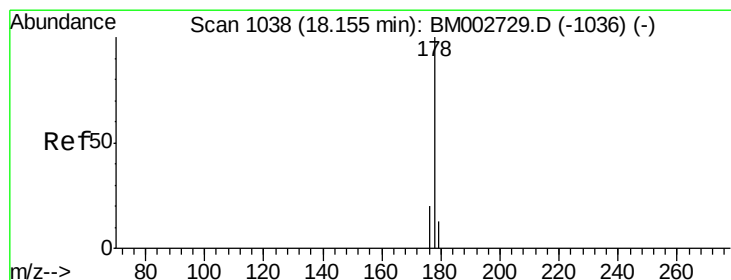
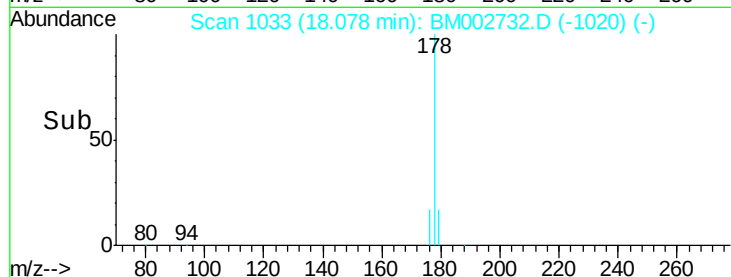
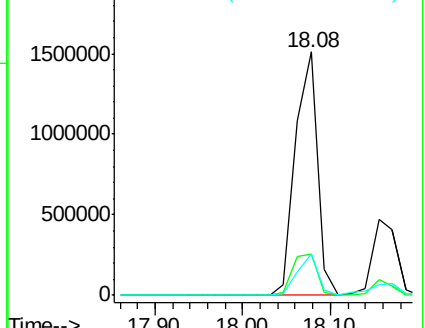
179 16.8 12.8 19.2



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: 6.36 ng/ul

RT: 18.16 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BM002732.D

Acq: 28 Sep 2015 13:35

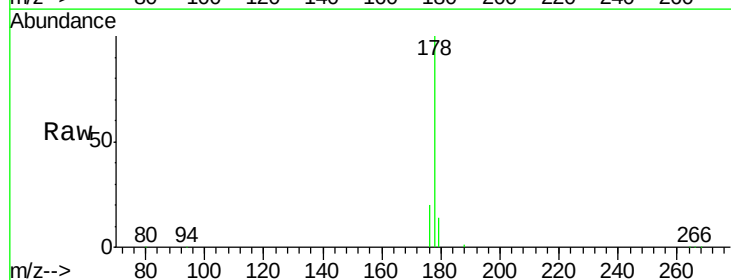
Tgt Ion:178 Resp: 897779

Ion Ratio Lower Upper

178 100

176 20.5 15.8 23.8

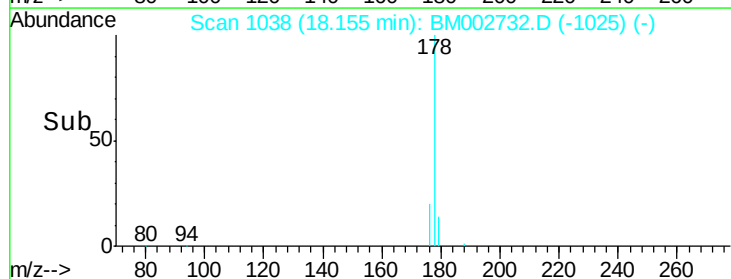
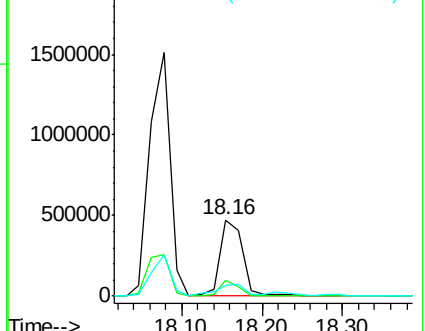
179 14.2 13.3 19.9

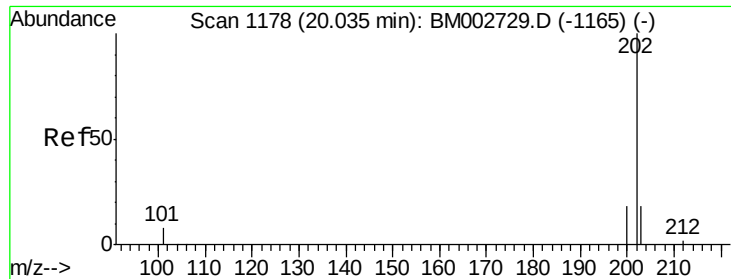


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

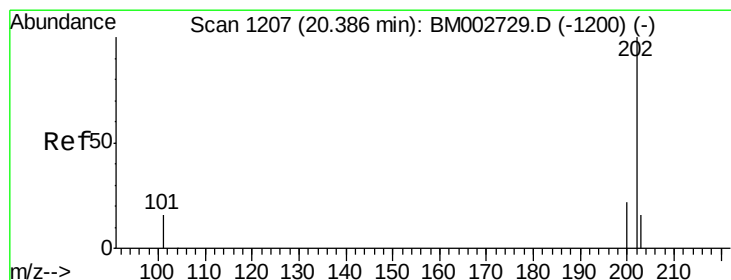
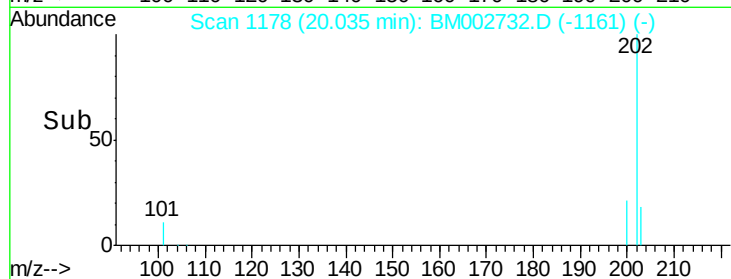
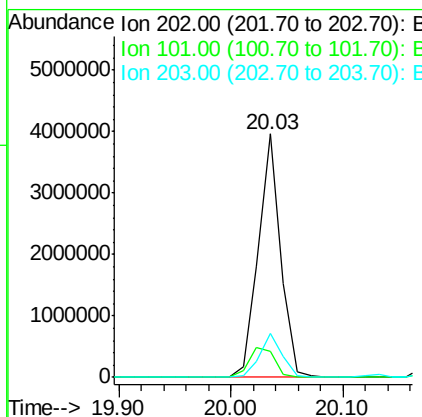
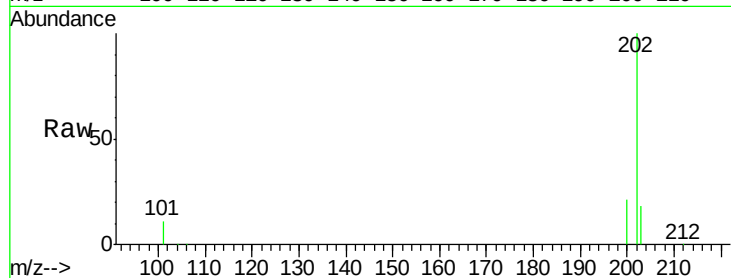




#17
 Fluoranthene
 Concen: 33.07 ng/ul
 RT: 20.03 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BM002732.D
 Acq: 28 Sep 2015 13:35

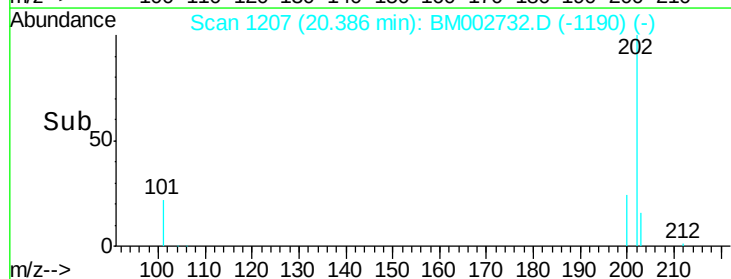
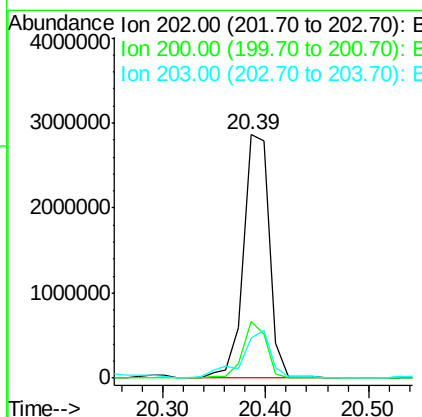
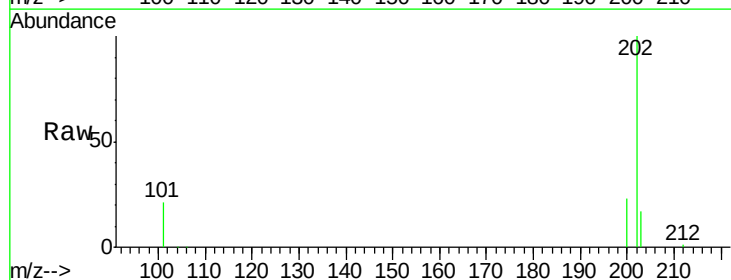
Instrument :
 BNA_M
 ClientSampleId :
 D9G65

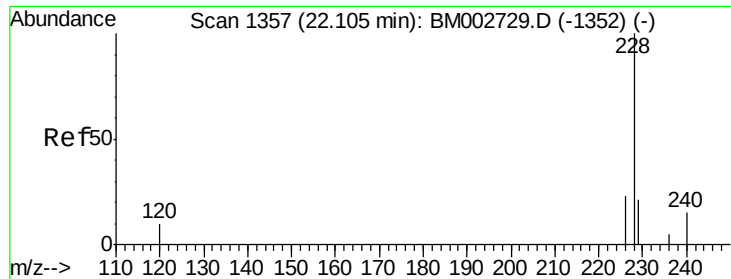
Tgt Ion:202 Resp: 5489535
 Ion Ratio Lower Upper
 202 100
 101 10.8 0.0 33.1
 203 18.0 0.0 37.2



#19
 Pyrene
 Concen: 25.15 ng/ul
 RT: 20.39 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BM002732.D
 Acq: 28 Sep 2015 13:35

Tgt Ion:202 Resp: 4981362
 Ion Ratio Lower Upper
 202 100
 200 23.5 18.0 27.0
 203 16.7 13.8 20.6





#20

Benzo(a)anthracene

Concen: 18.69 ng/ul

RT: 22.11 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BM002732.D

Acq: 28 Sep 2015 13:35

Instrument :

BNA_M

ClientSampleId :

D9G65

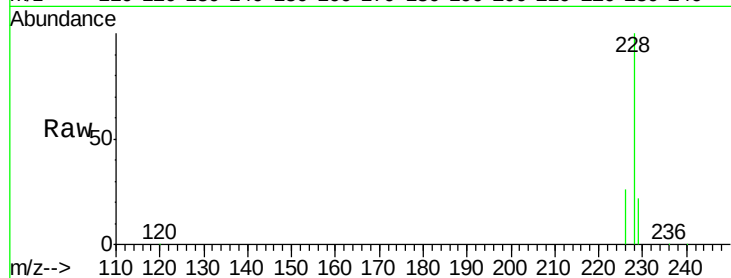
Tgt Ion:228 Resp: 3174667

Ion Ratio Lower Upper

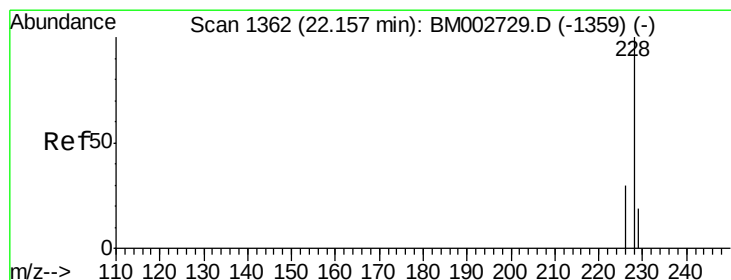
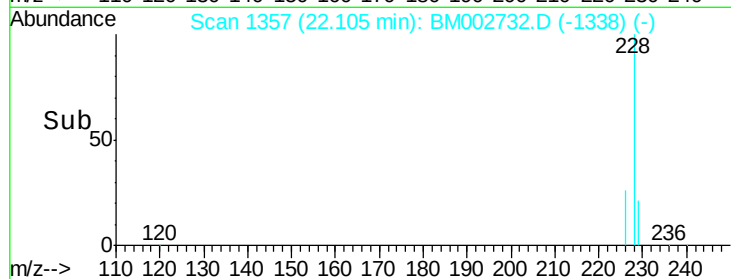
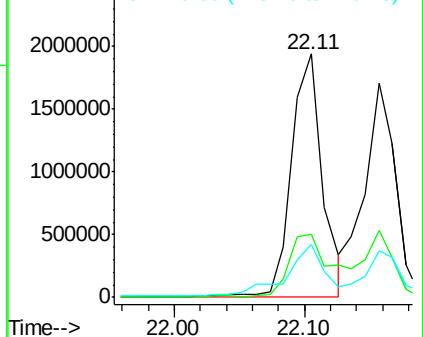
228 100

226 26.0 23.0 34.4

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



#21

Chrysene

Concen: 17.37 ng/ul

RT: 22.16 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BM002732.D

Acq: 28 Sep 2015 13:35

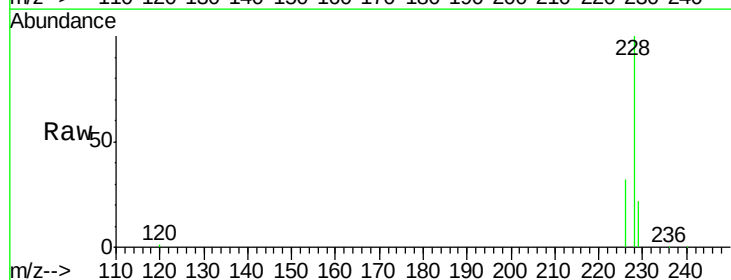
Tgt Ion:228 Resp: 2824400

Ion Ratio Lower Upper

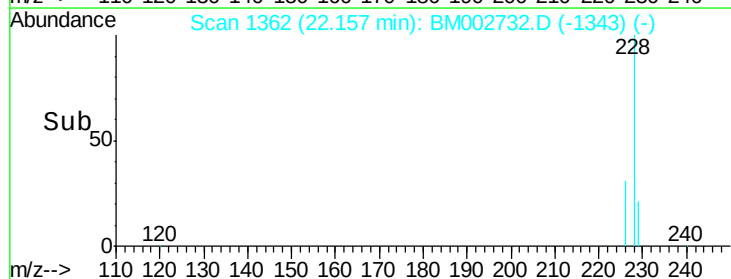
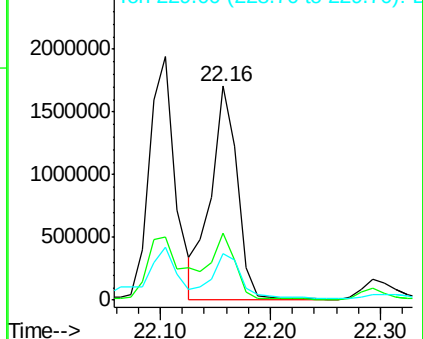
228 100

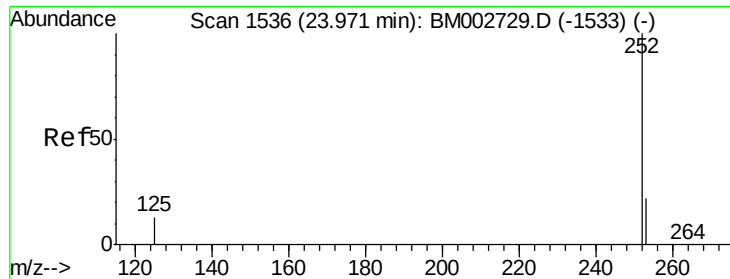
226 31.5 25.7 38.5

229 21.8 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: 28.17 ng/ul

RT: 23.93 min Scan# 1532

Delta R.T. -0.04 min

Lab File: BM002732.D

Acq: 28 Sep 2015 13:35

Instrument :

BNA_M

ClientSampleId :

D9G65

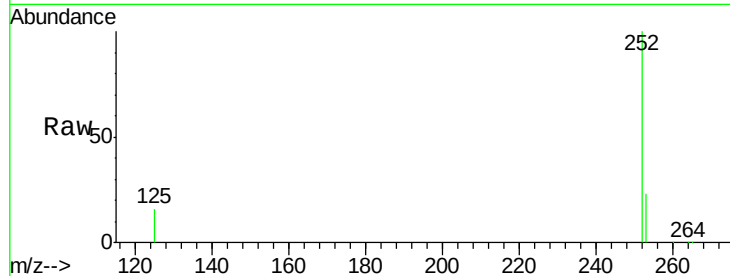
Tgt Ion:252 Resp: 5568417

Ion Ratio Lower Upper

252 100

253 23.1 20.8 31.2

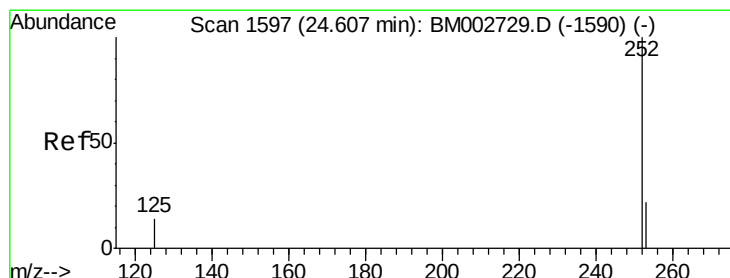
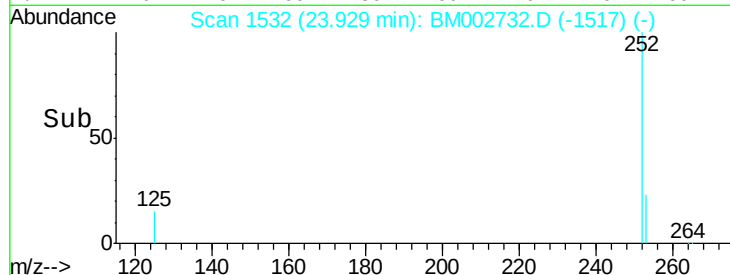
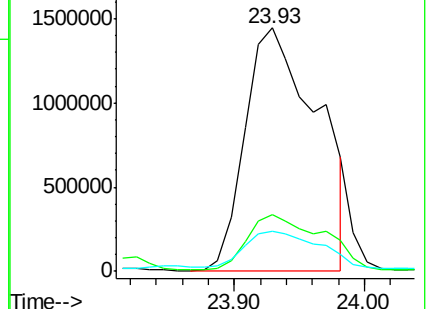
125 16.4 12.2 18.4



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: 10.38 ng/ul

RT: 24.49 min Scan# 1586

Delta R.T. -0.11 min

Lab File: BM002732.D

Acq: 28 Sep 2015 13:35

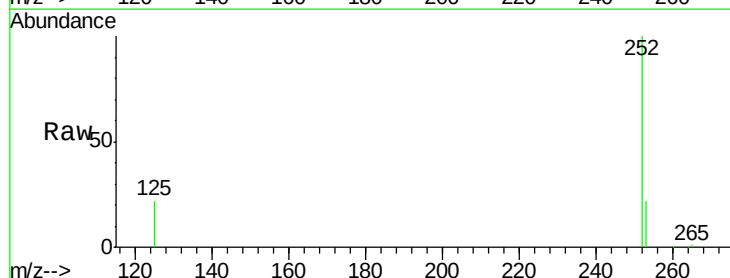
Tgt Ion:252 Resp: 2039490

Ion Ratio Lower Upper

252 100

253 21.7 21.8 32.8#

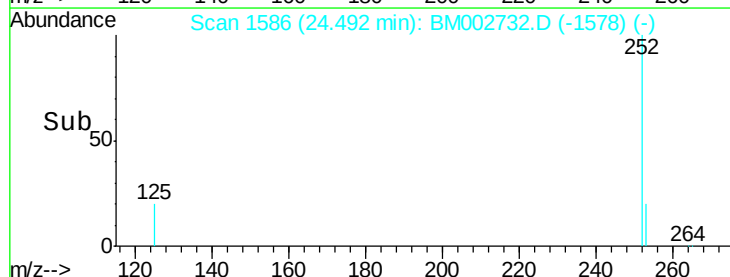
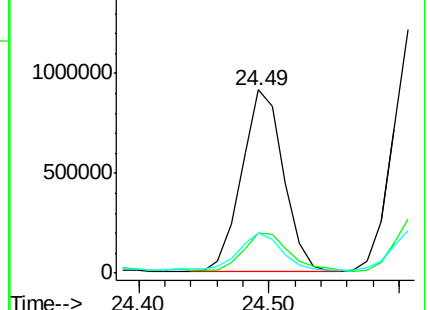
125 22.1 14.5 21.7#

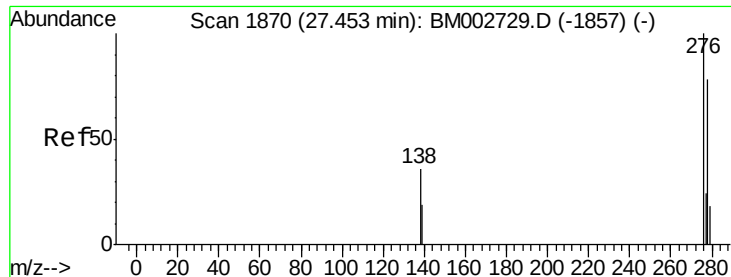


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.24 ng/ul

RT: 27.25 min Scan# 1851

Delta R.T. -0.20 min

Lab File: BM002732.D

Acq: 28 Sep 2015 13:35

Instrument :

BNA_M

ClientSampleId :

D9G65

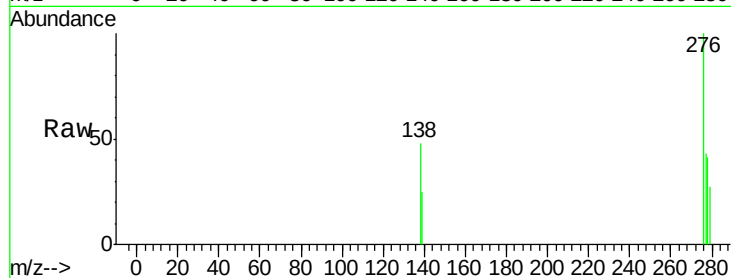
Tgt Ion: 276 Resp: 53356

Ion Ratio Lower Upper

276 100

138 23.7 27.5 41.3#

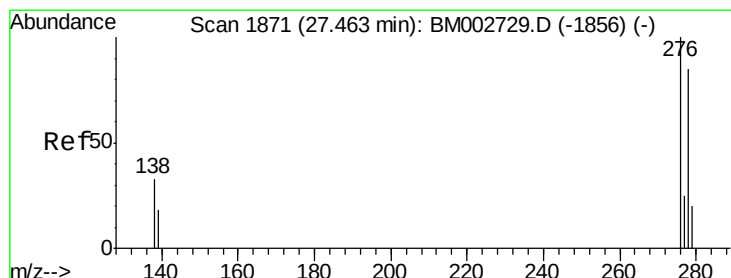
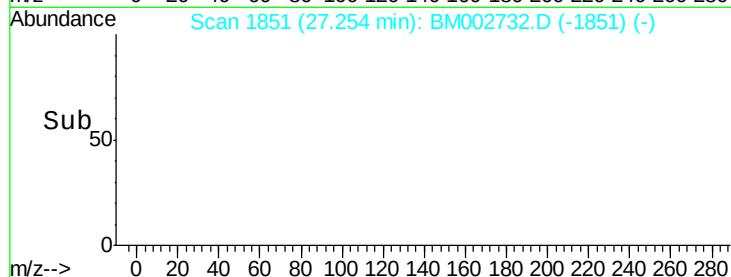
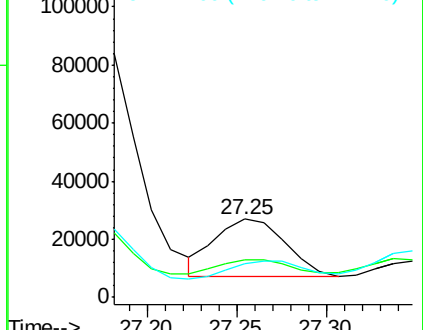
277 36.5 19.3 28.9#



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: 0.03 ng/ul

RT: 27.28 min Scan# 1853

Delta R.T. -0.19 min

Lab File: BM002732.D

Acq: 28 Sep 2015 13:35

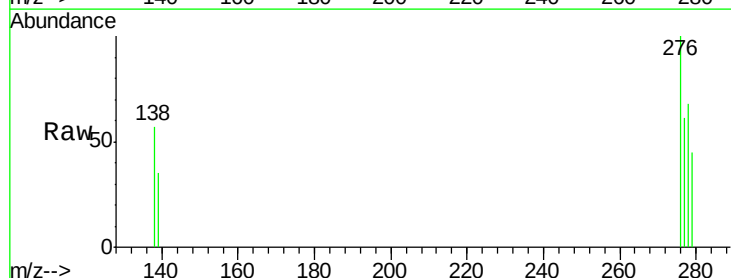
Tgt Ion: 278 Resp: 5679

Ion Ratio Lower Upper

278 100

139 51.5 21.7 32.5#

279 66.4 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

