

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092415\
 Data File : BM002719.D
 Acq On : 24 Sep 2015 19:29
 Operator : UM/IZ
 Sample : G3741-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHAF9

Quant Time: Sep 25 02:24:19 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 : Fri Sep 25 02:23:28 2015
 Response via : Initial Calibration

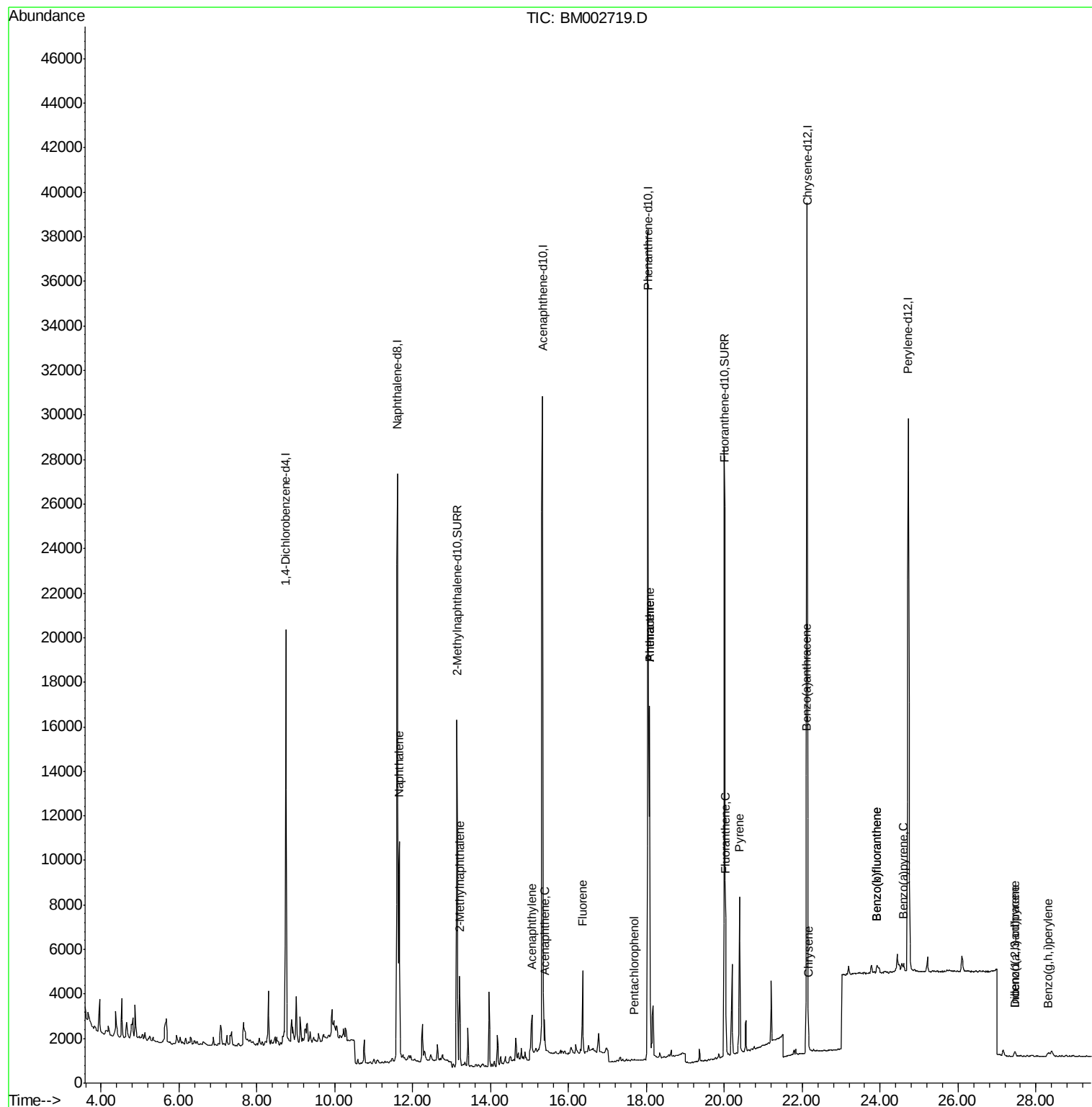
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	10747	0.40	ng/ul	0.00
4) Naphthalene-d8	11.60	136	41591	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	22369	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	48131	0.40	ng/ul	0.00
18) Chrysene-d12	22.13	240	43134	0.40	ng/ul	0.00
22) Perylene-d12	24.72	264	39974	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	13.13	152	19332	0.32	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	36153	0.30	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.65	128	15020	0.13	ng/ul	99
7) 2-Methylnaphthalene	13.20	142	2897	0.04	ng/ul	99
9) Acenaphthylene	15.06	152	2432	0.02	ng/ul#	92
10) Acenaphthene	15.38	153	836	0.01	ng/ul#	88
11) Fluorene	16.36	166	2688	0.03	ng/ul#	86
13) Pentachlorophenol	17.69	266	101	0.01	ng/ul#	69
14) Phenanthrene	18.08	178	19851	0.13	ng/ul	95
15) Anthracene	18.08	178	19841	0.14	ng/ul	96
17) Fluoranthene	20.03	202	5851	0.03	ng/ul	94
19) Pyrene	20.39	202	7198	0.04	ng/ul	95
20) Benzo(a)anthracene	22.10	228	1301	0.01	ng/ul#	68
21) Chrysene	22.16	228	1118	0.01	ng/ul#	70
23) Benzo(b)fluoranthene	23.92	252	1172	0.01	ng/ul#	1
24) Benzo(k)fluoranthene	23.92	252	1172	0.01	ng/ul#	1
25) Benzo(a)pyrene	24.61	252	619	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	27.46	276	331	0.00	ng/ul#	92
27) Dibenzo(a,h)anthracene	27.46	278	163	0.00	ng/ul#	1
28) Benzo(a,h,i)perylene	28.32	276	400	0.00	ng/ul#	1

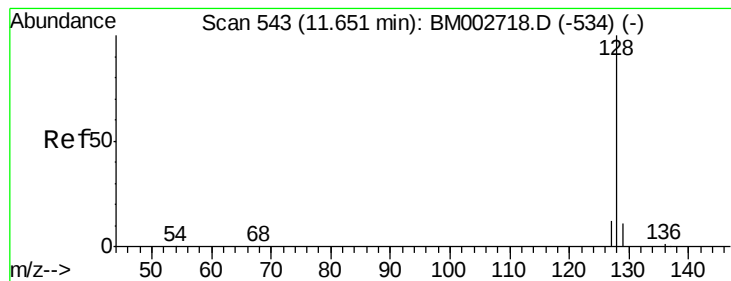
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.13 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. 0.00 min

Lab File: BM002719.D

Acq: 24 Sep 2015 19:29

Instrument :

BNA_M

ClientSampleId :

JHAF9

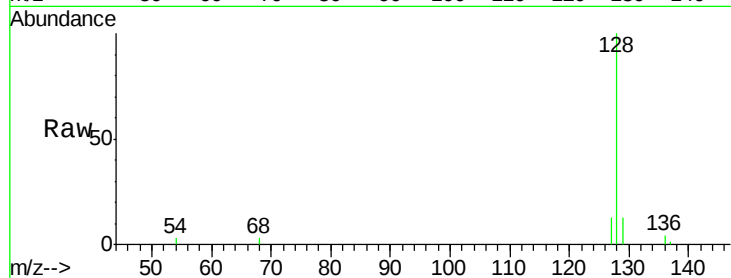
Tot Ion:128 Resp: 15020

Ion Ratio Lower Upper

128 100

129 12.9 9.8 14.8

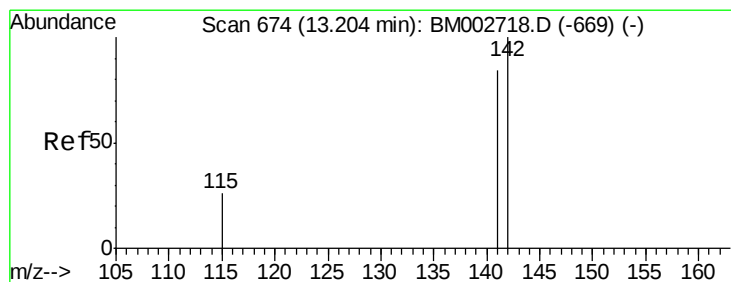
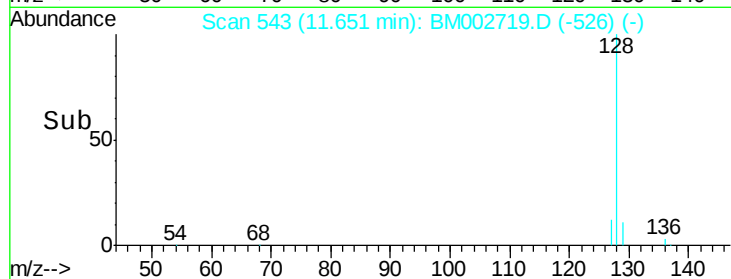
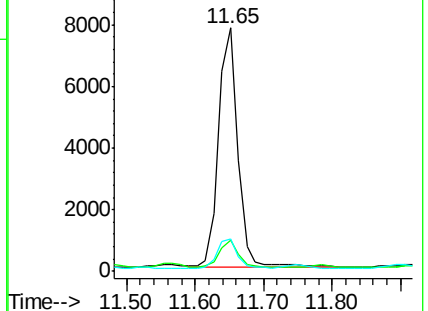
127 13.4 10.7 16.1



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: 0.04 ng/ul

RT: 13.20 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM002719.D

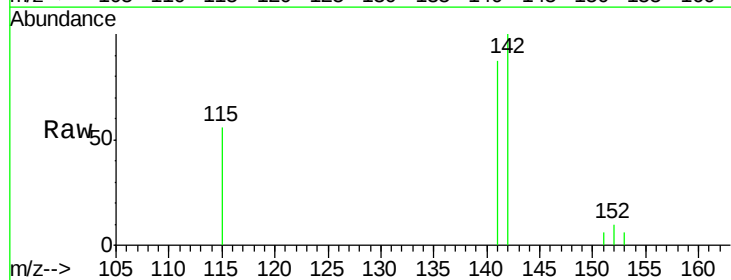
Acq: 24 Sep 2015 19:29

Tgt Ion:142 Resp: 2897

Ion Ratio Lower Upper

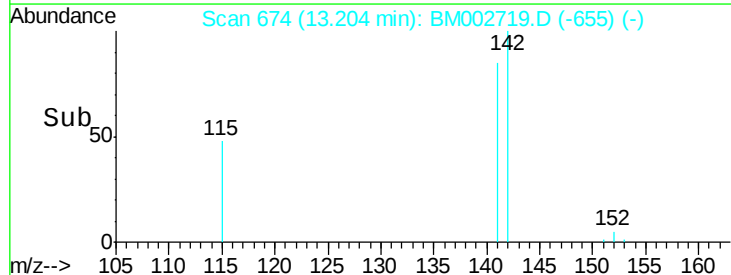
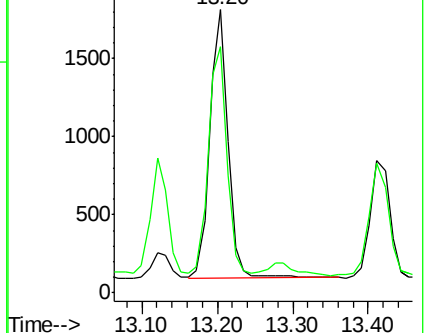
142 100

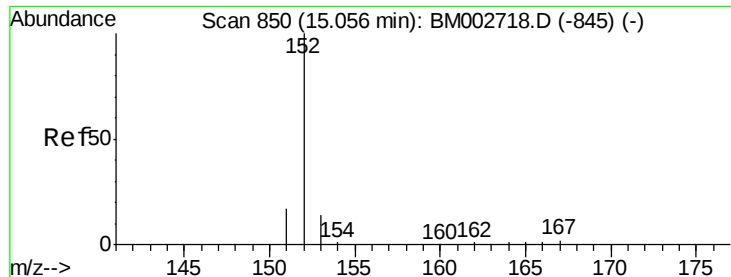
141 87.2 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.02 ng/ul

RT: 15.06 min Scan# 850

Delta R.T. 0.00 min

Lab File: BM002719.D

Acq: 24 Sep 2015 19:29

Instrument :

BNA_M

ClientSampleId :

JHAF9

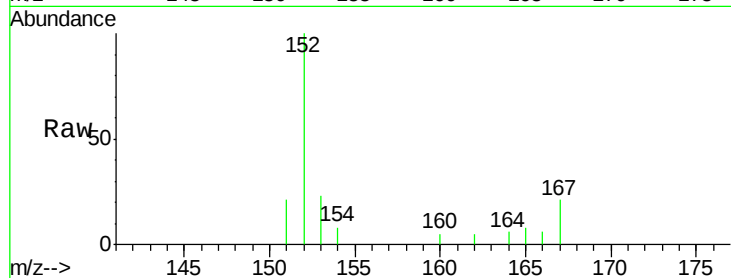
Tot Ion:152 Resp: 2432

Ion Ratio Lower Upper

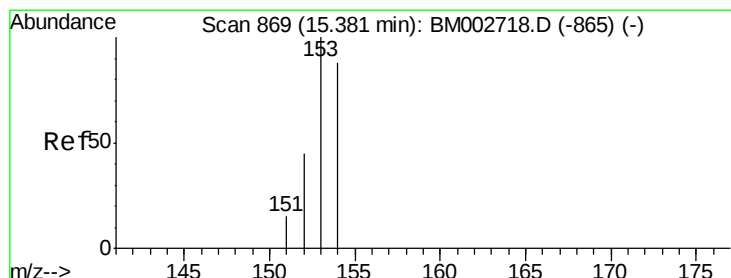
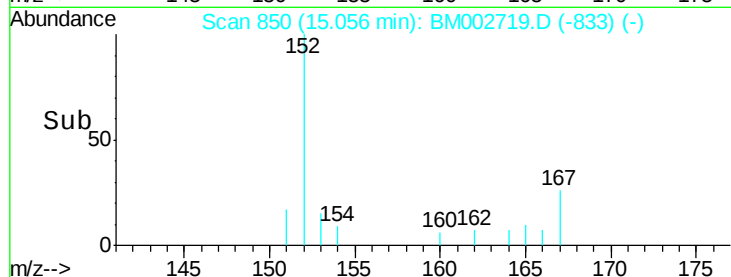
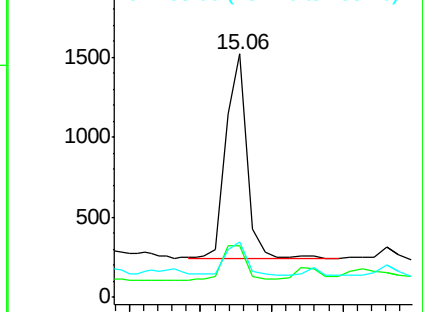
152 100

151 21.0 16.8 25.2

153 22.5 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: 0.01 ng/ul

RT: 15.38 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM002719.D

Acq: 24 Sep 2015 19:29

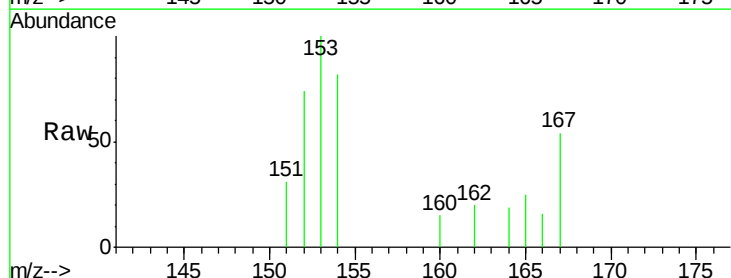
Tgt Ion:153 Resp: 836

Ion Ratio Lower Upper

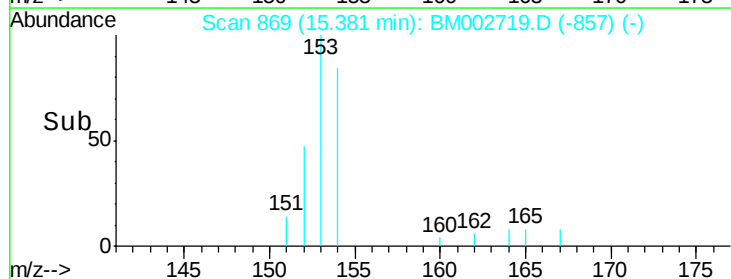
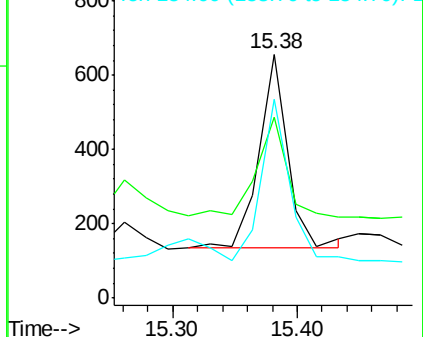
153 100

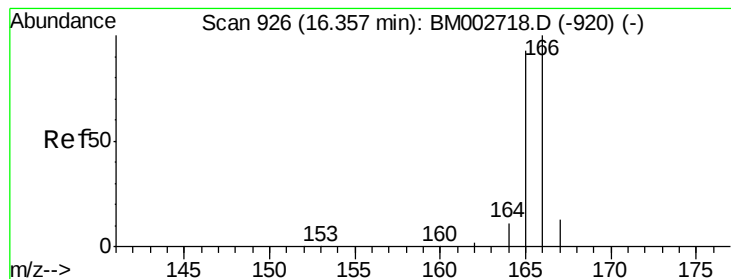
152 74.1 42.3 63.5#

154 81.9 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: 0.03 ng/ul

RT: 16.36 min Scan# 926

Delta R.T. 0.00 min

Lab File: BM002719.D

Acq: 24 Sep 2015 19:29

Instrument :

BNA_M

ClientSampleId :

JHAF9

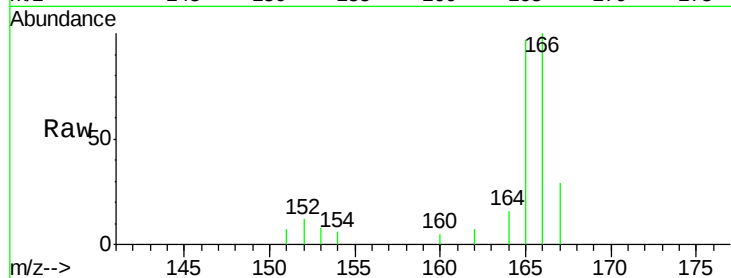
Tot Ion:166 Resp: 2688

Ion Ratio Lower Upper

166 100

165 97.5 87.6 131.4

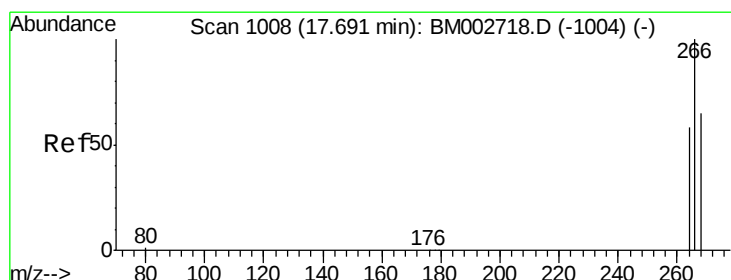
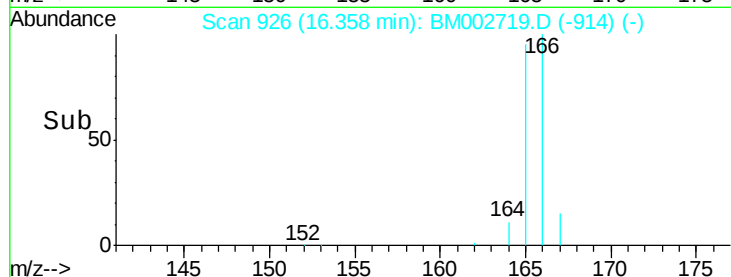
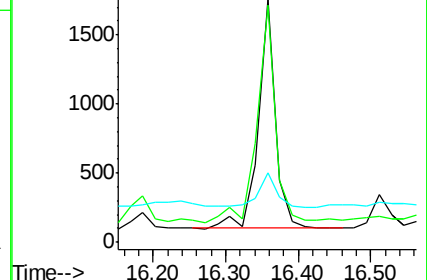
167 28.6 11.1 16.7#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#13

Pentachlorophenol

Concen: 0.01 ng/ul

RT: 17.69 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BM002719.D

Acq: 24 Sep 2015 19:29

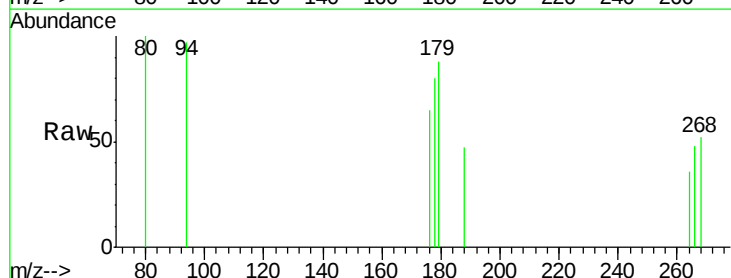
Tgt Ion:266 Resp: 101

Ion Ratio Lower Upper

266 100

264 39.6 53.5 80.3#

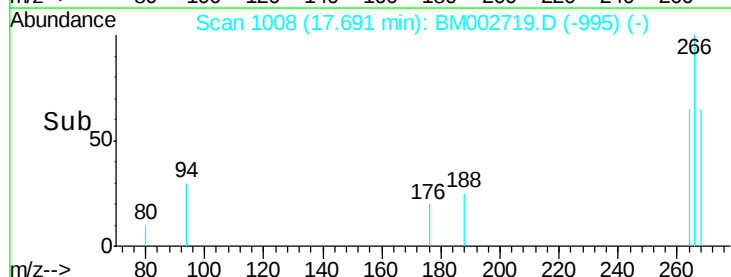
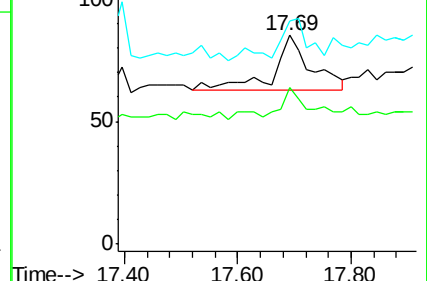
268 44.6 54.2 81.2#

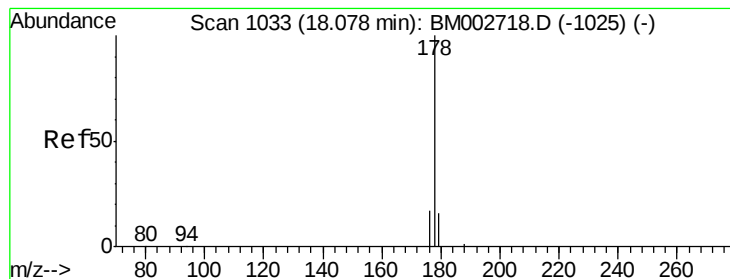


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#14

Phenanthrene

Concen: 0.13 ng/ul

RT: 18.08 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BM002719.D

Acq: 24 Sep 2015 19:29

Instrument :

BNA_M

ClientSampleId :

JHAF9

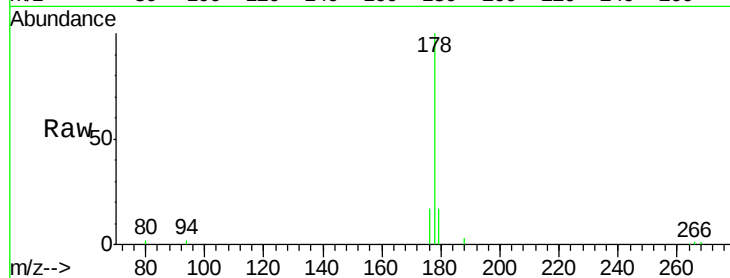
Tot Ion:178 Resp: 19851

Ion Ratio Lower Upper

178 100

176 17.4 16.2 24.4

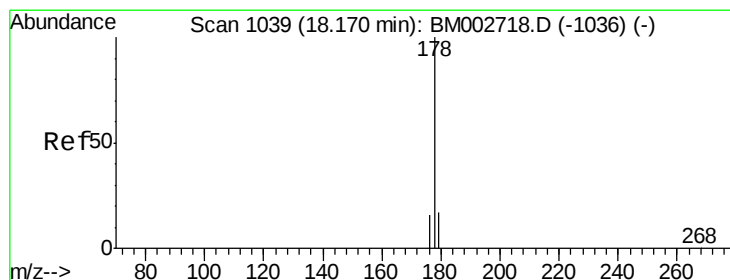
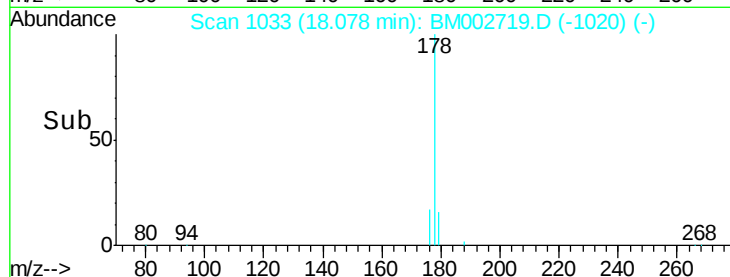
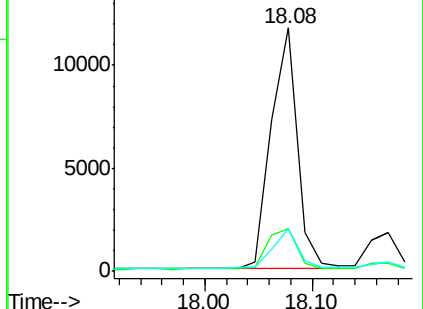
179 17.3 12.8 19.2



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: 0.14 ng/ul

RT: 18.08 min Scan# 1033

Delta R.T. -0.09 min

Lab File: BM002719.D

Acq: 24 Sep 2015 19:29

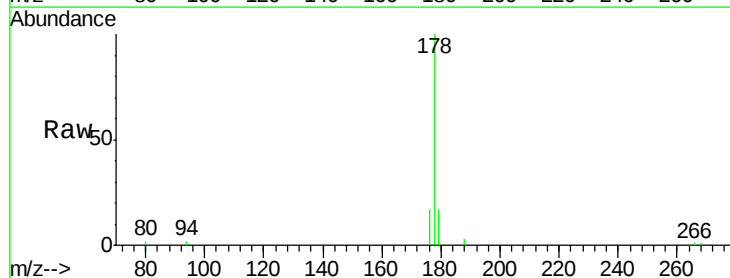
Tgt Ion:178 Resp: 19841

Ion Ratio Lower Upper

178 100

176 17.4 15.8 23.8

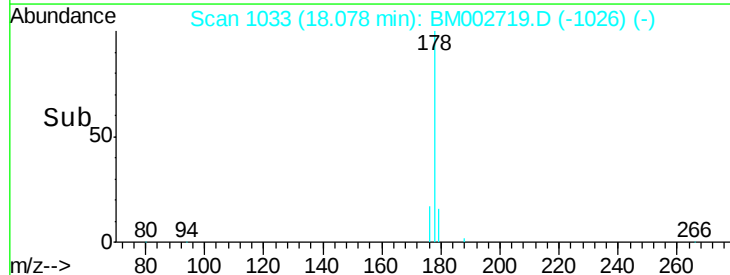
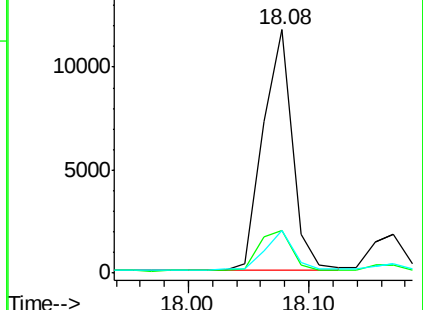
179 17.3 13.3 19.9

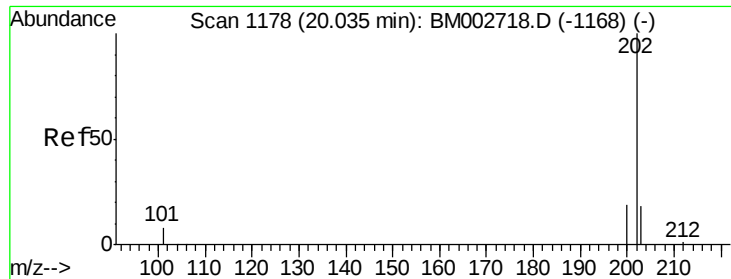


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

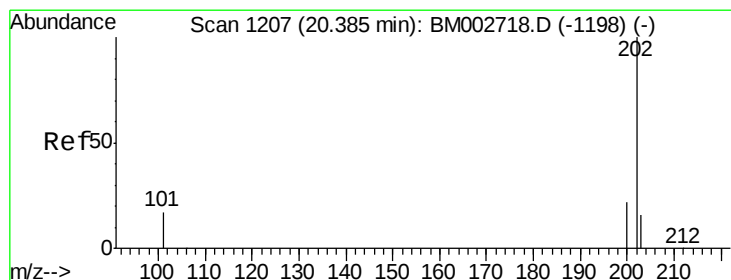
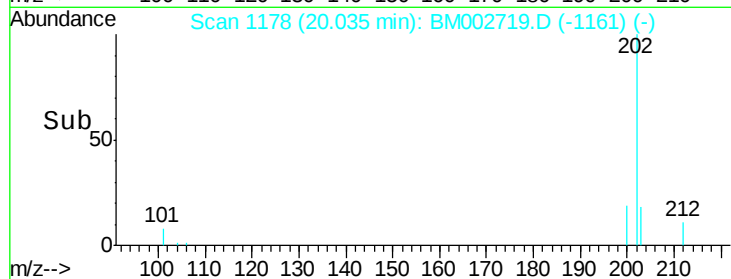
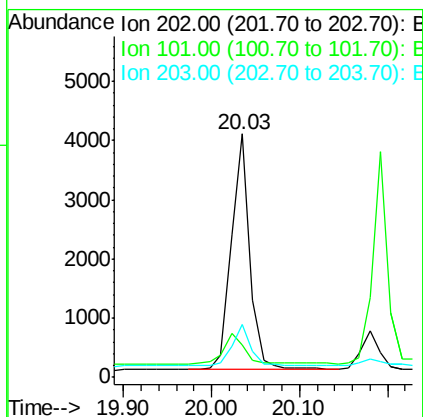
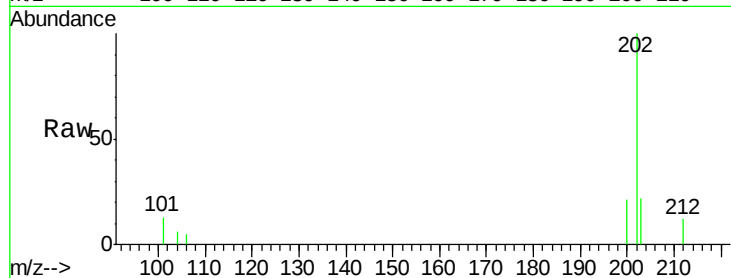




#17
Fluoranthene
 Concen: 0.03 ng/ul
 RT: 20.03 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BM002719.D
 Acq: 24 Sep 2015 19:29

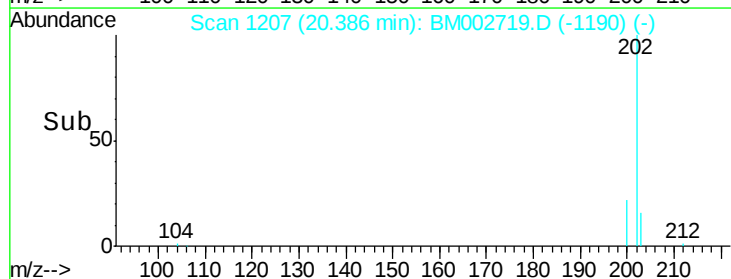
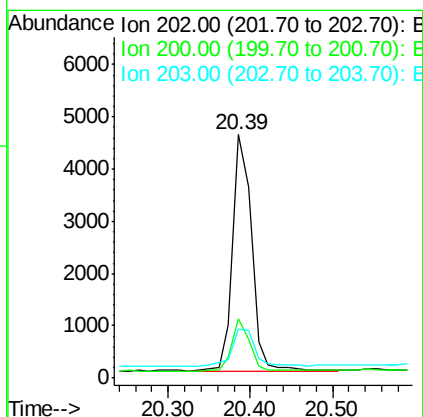
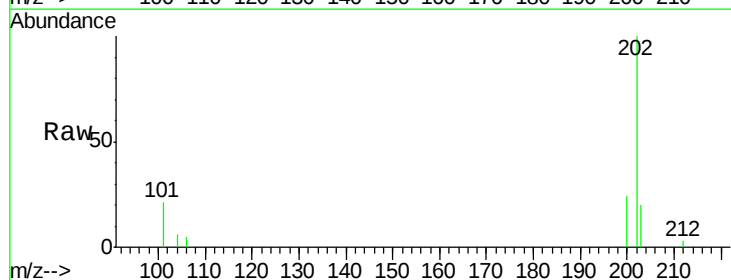
Instrument :
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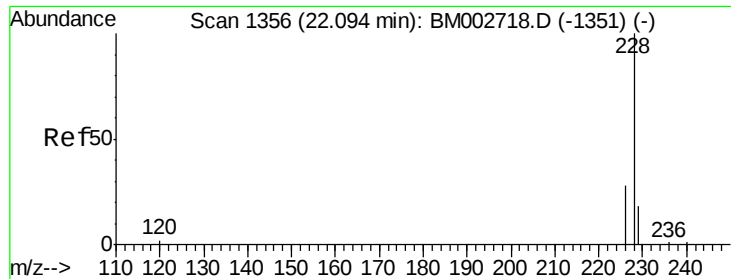
Tot Ion:202 Resp: 5851
 Ion Ratio Lower Upper
 202 100
 101 13.2 0.0 33.1
 203 21.9 0.0 37.2



#19
Pyrene
 Concen: 0.04 ng/ul
 RT: 20.39 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BM002719.D
 Acq: 24 Sep 2015 19:29

Tgt Ion:202 Resp: 7198
 Ion Ratio Lower Upper
 202 100
 200 24.1 18.0 27.0
 203 20.3 13.8 20.6





#20

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 22.10 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BM002719.D

Acq: 24 Sep 2015 19:29

Instrument :

BNA_M

ClientSampleId :

JHAF9

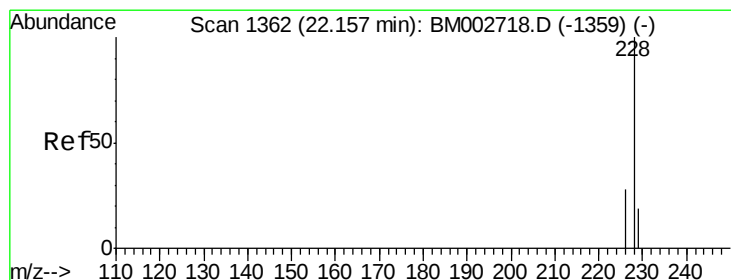
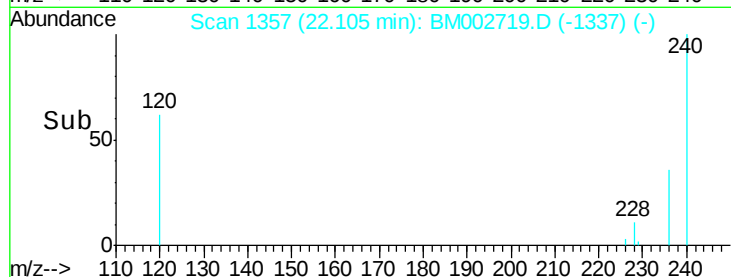
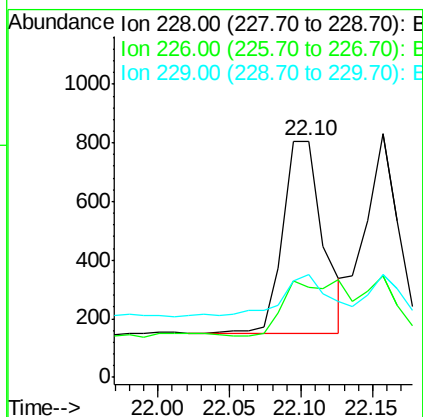
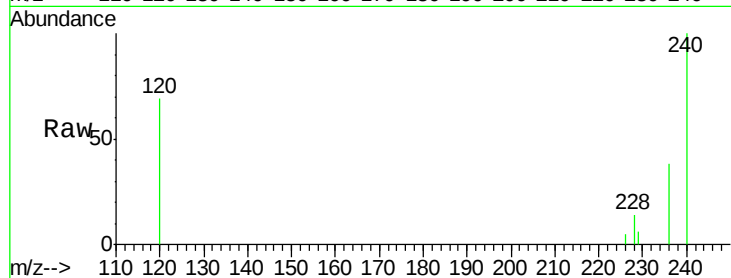
Tot Ion:228 Resp: 1301

Ion Ratio Lower Upper

228 100

226 38.3 23.0 34.4#

229 43.4 15.2 22.8#



#21

Chrysene

Concen: 0.01 ng/ul

RT: 22.16 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BM002719.D

Acq: 24 Sep 2015 19:29

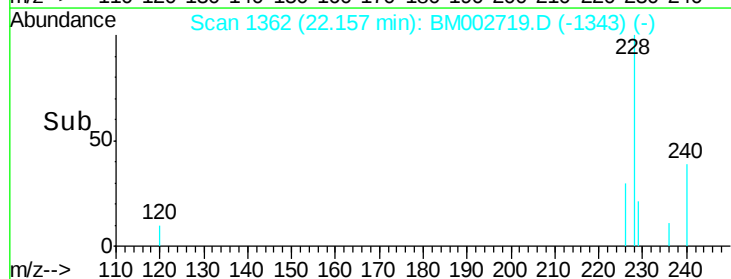
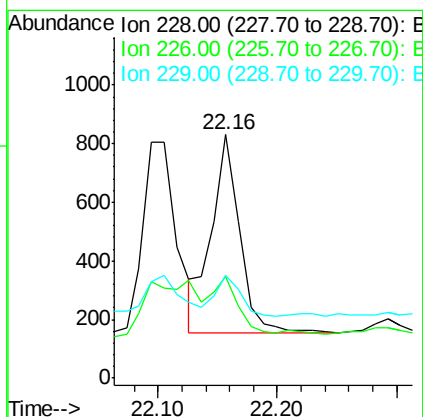
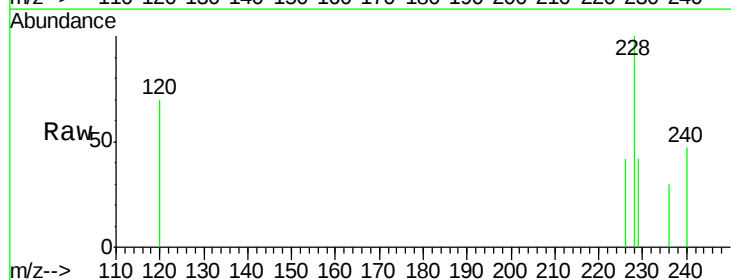
Tgt Ion:228 Resp: 1118

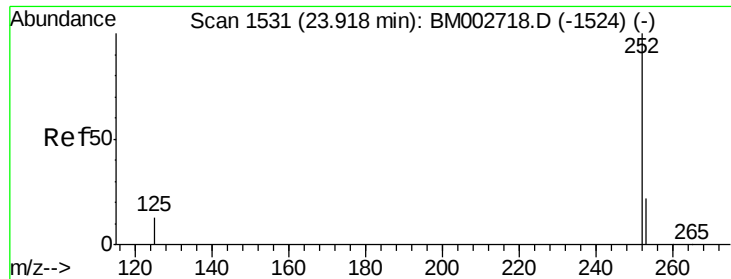
Ion Ratio Lower Upper

228 100

226 41.8 25.7 38.5#

229 42.2 15.2 22.8#





#23

Benzo(b)fluoranthene

Concen: 0.01 ng/ul

RT: 23.92 min Scan# 1531

Delta R.T. 0.00 min

Lab File: BM002719.D

Acq: 24 Sep 2015 19:29

Instrument :

BNA_M

ClientSampleId :

JHAF9

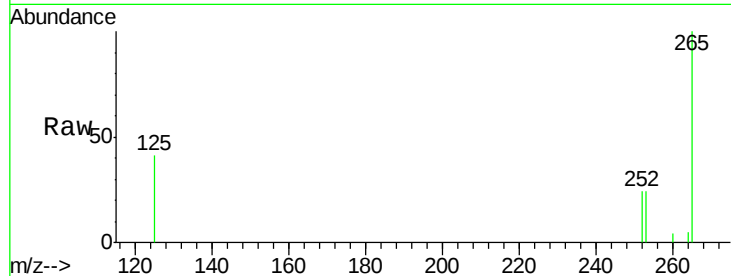
Tot Ion:252 Resp: 1172

Ion Ratio Lower Upper

252 100

253 100.9 0.0 48.0#

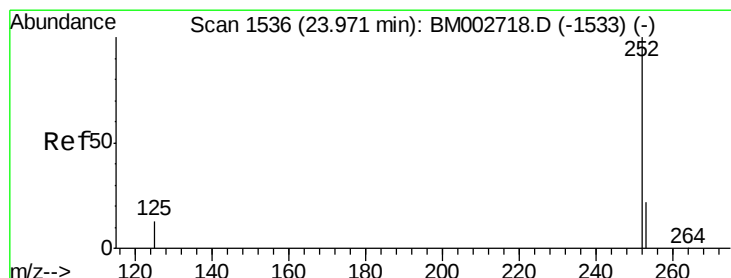
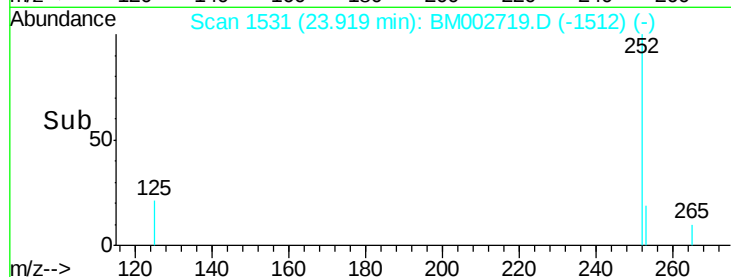
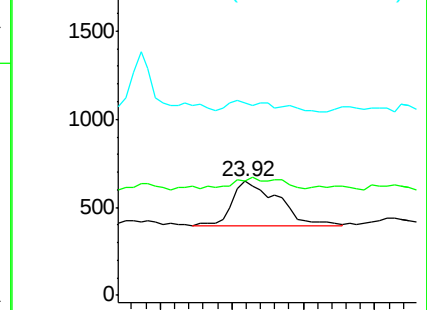
125 169.2 0.0 36.6#



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: 0.01 ng/ul

RT: 23.92 min Scan# 1531

Delta R.T. -0.05 min

Lab File: BM002719.D

Acq: 24 Sep 2015 19:29

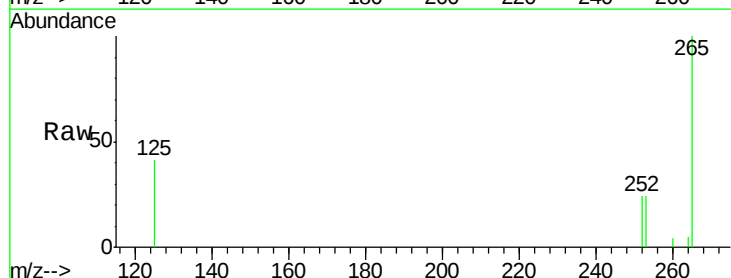
Tgt Ion:252 Resp: 1172

Ion Ratio Lower Upper

252 100

253 100.9 20.8 31.2#

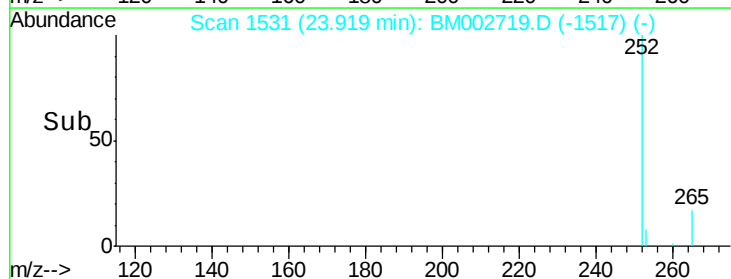
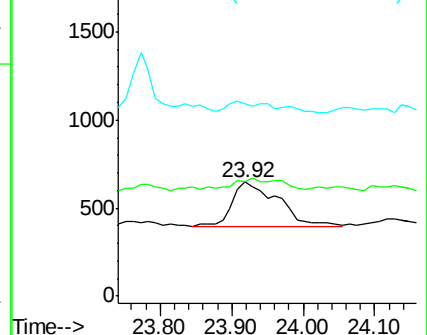
125 169.2 12.2 18.4#

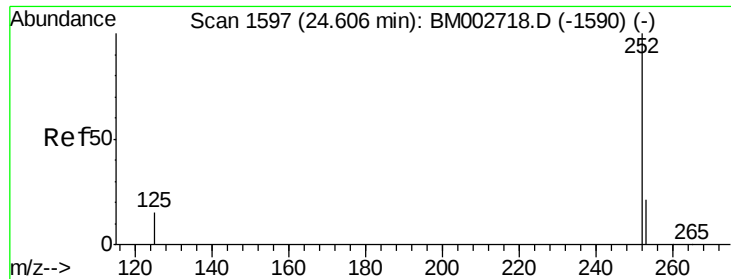


Abundance Ion 252.00 (251.70 to 252.70): E

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: 24.61 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BM002719.D

Acq: 24 Sep 2015 19:29

Instrument :

BNA_M

ClientSampleId :

JHAF9

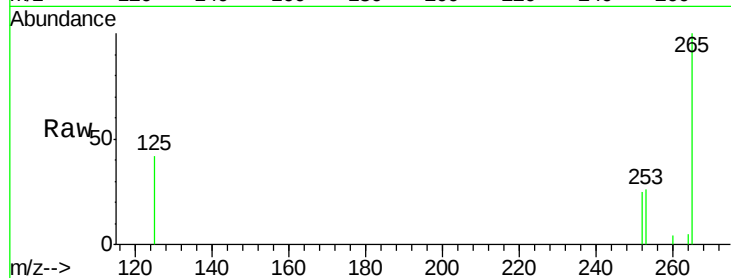
Tot Ion:252 Resp: 619

Ion Ratio Lower Upper

252 100

253 104.4 21.8 32.8#

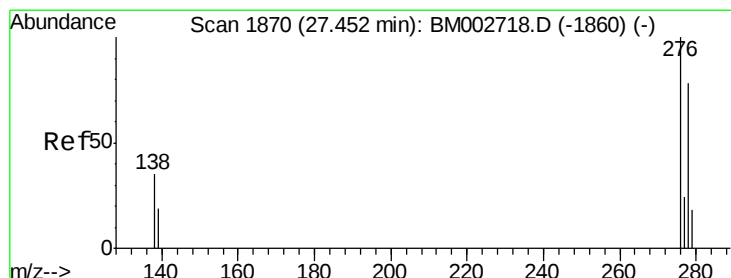
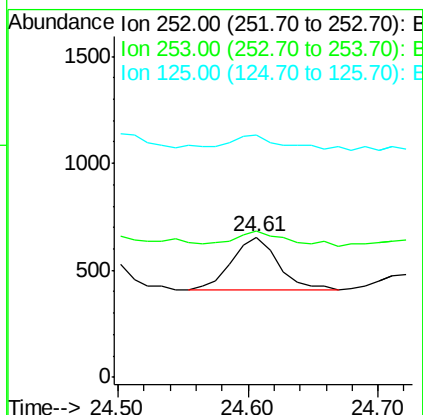
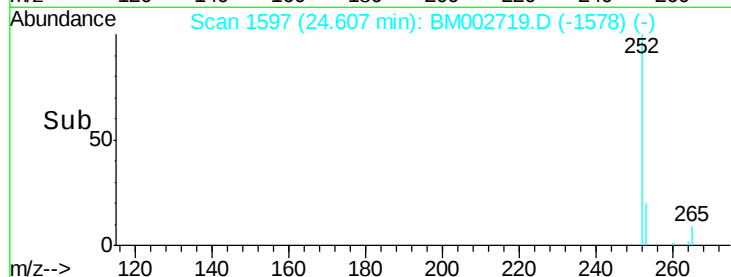
125 173.0 14.5 21.7#



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: 0.00 ng/ul

RT: 27.46 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BM002719.D

Acq: 24 Sep 2015 19:29

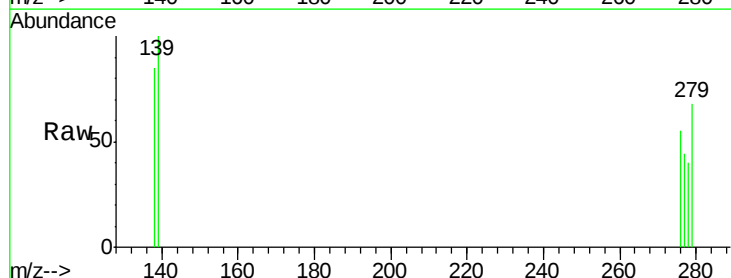
Tgt Ion:276 Resp: 331

Ion Ratio Lower Upper

276 100

138 30.5 27.5 41.3

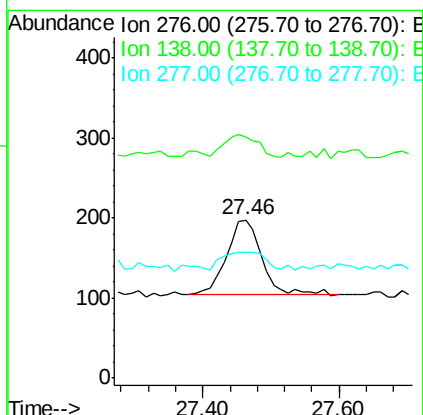
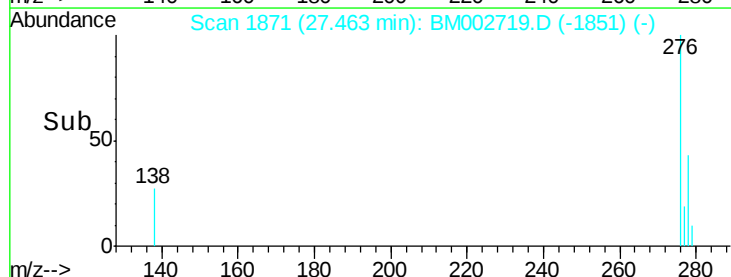
277 29.3 19.3 28.9#

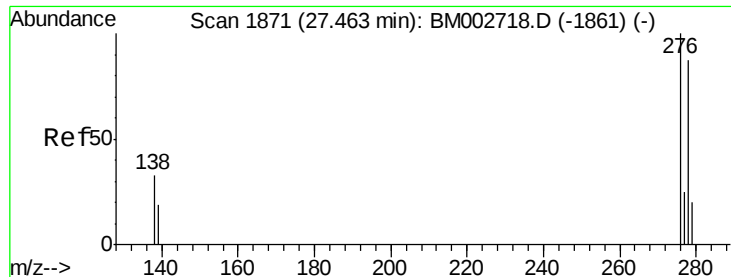


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 27.46 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BM002719.D

Acq: 24 Sep 2015 19:29

Instrument :

BNA_M

ClientSampleId :

JHAF9

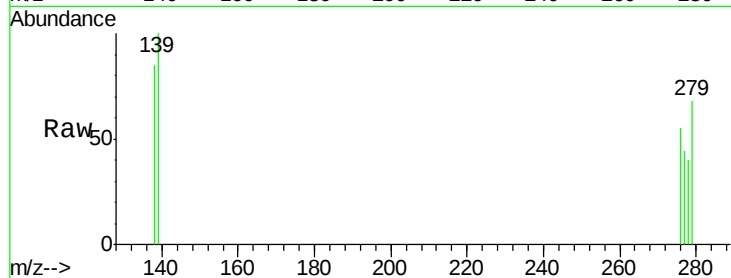
Tot Ion:278 Resp: 163

Ion Ratio Lower Upper

278 100

139 251.4 21.7 32.5#

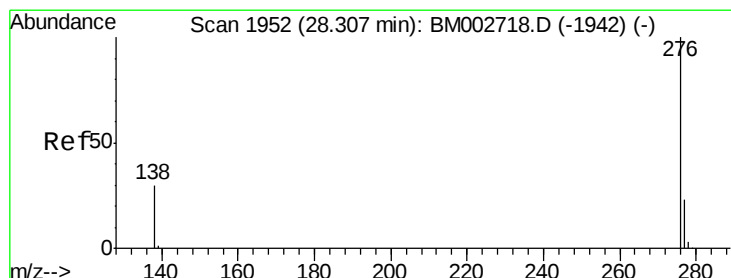
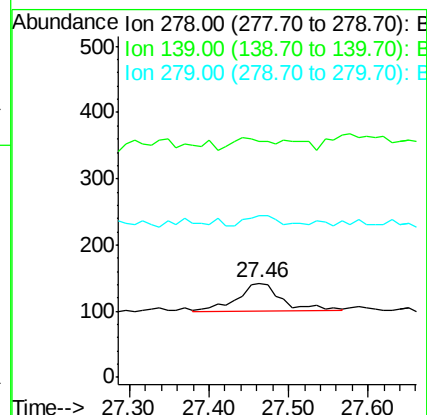
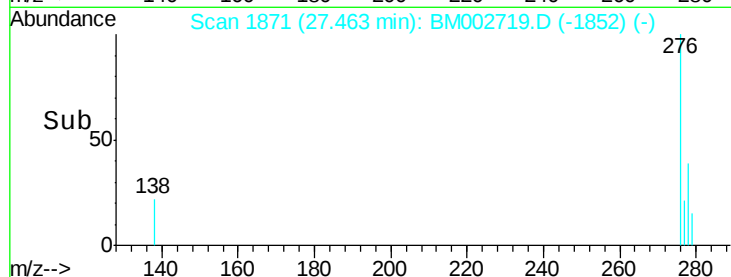
279 171.8 21.9 32.9#



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: 0.00 ng/ul

RT: 28.32 min Scan# 1953

Delta R.T. 0.01 min

Lab File: BM002719.D

Acq: 24 Sep 2015 19:29

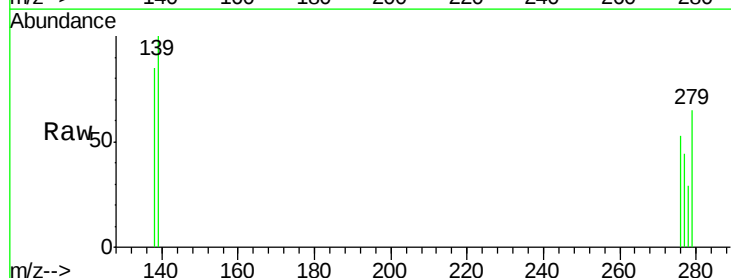
Tgt Ion:276 Resp: 400

Ion Ratio Lower Upper

276 100

277 82.0 21.3 31.9#

138 159.3 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

