

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070716\
 Data File : BM006307.D
 Acq On : 07 Jul 2016 06:30
 Operator : UM/SJ
 Sample : H3815-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TX2

Quant Time: Jul 07 07:15:45 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 05:51:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4811	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	19658	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	11990	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.14	188	1686472	0.40	ng/ul	0.10
18) Chrysene-d12	21.24	240	17055	0.40	ng/ul	0.00
22) Perylene-d12	23.32	264	988949	0.40	ng/ul	-0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.17	96	2769	1.36	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	9436	0.41	ng/ul	0.00
16) Fluoranthene-d10	19.08	212	22258	0.01	ng/ul	0.00

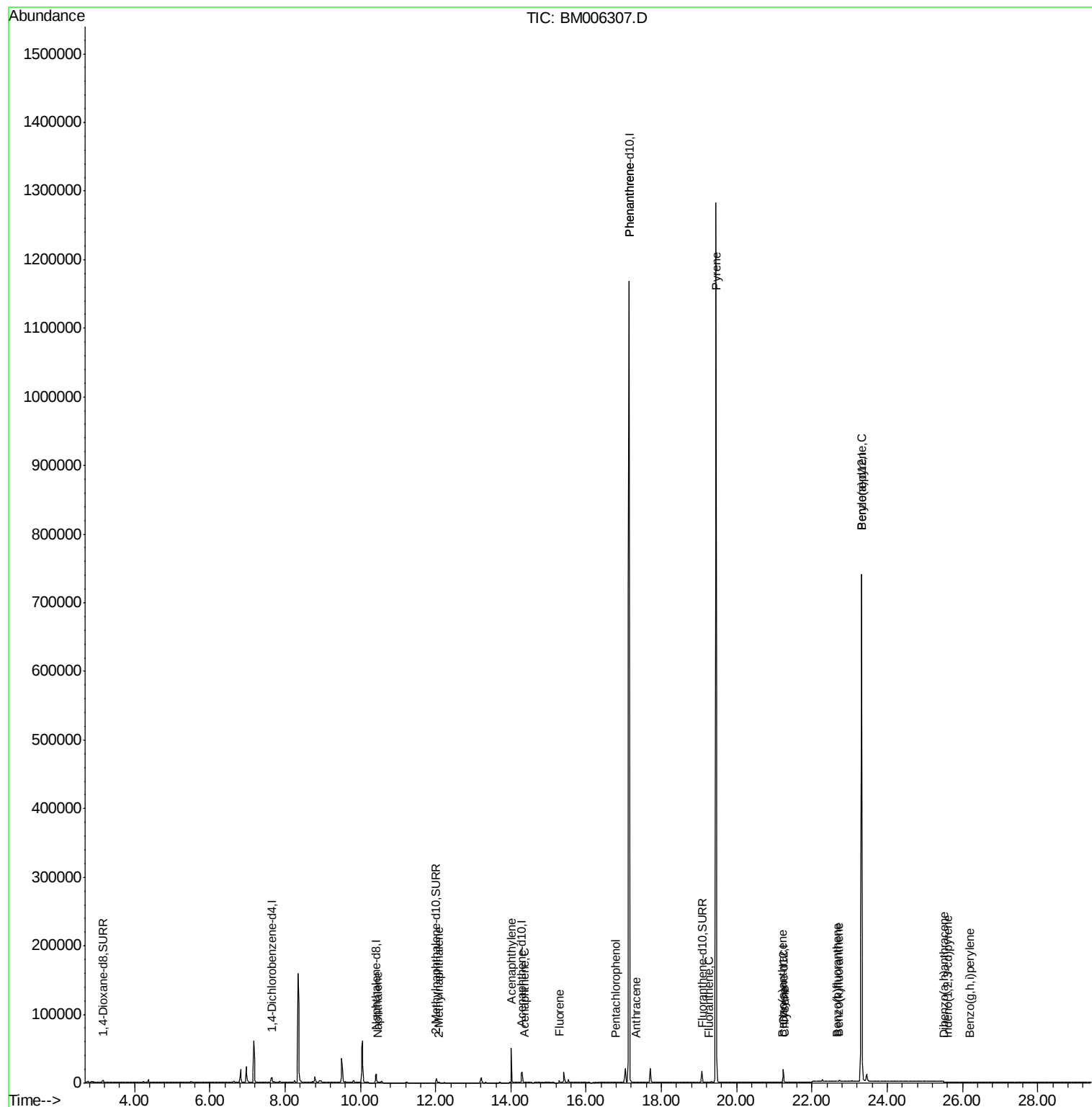
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	10.48	128	1086	0.02	ng/ul#	73
7) 2-Methylnaphthalene	12.09	142	315	0.01	ng/ul	98
9) Acenaphthylene	14.01	152	227	0.01	ng/ul#	1
10) Acenaphthene	14.37	153	1827	0.05	ng/ul#	23
11) Fluorene	15.29	166	3275	0.07	ng/ul#	22
13) Pentachlorophenol	16.78	266	4	0.00	ng/ul#	20
14) Phenanthrene	17.14	178	852	0.00	ng/ul#	1
15) Anthracene	17.31	178	33	0.00	ng/ul#	1
17) Fluoranthene	19.25	202	106	0.00	ng/ul#	1
19) Pyrene	19.45	202	3148	0.04	ng/ul#	1
20) Benzo(a)anthracene	21.22	228	288	0.01	ng/ul#	1
21) Chrysene	21.27	228	199	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	22.66	252	22	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.71	252	9	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.32	252	4343	0.00	ng/ul#	44
26) Indeno(1,2,3-cd)pyrene	25.61	276	660	0.00	ng/ul#	53
27) Dibenzo(a,h)anthracene	25.50	278	1158	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.20	276	23	0.00	ng/ul#	1

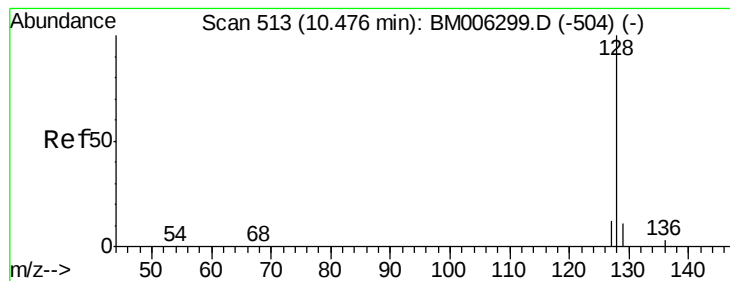
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070716\
Data File : BM006307.D
Acq On : 07 Jul 2016 06:30
Operator : UM/SJ
Sample : H3815-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4TX2

Quant Time: Jul 07 07:15:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.02 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.00 min

Lab File: BM006307.D

Acq: 07 Jul 2016 06:30

Instrument :

BNA_M

ClientSampleId :

A4TX2

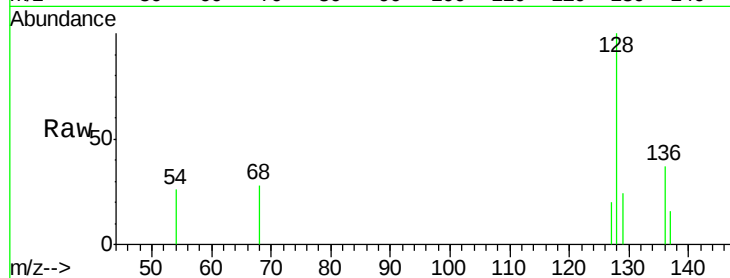
Tgt Ion:128 Resp: 1086

Ion Ratio Lower Upper

128 100

129 24.4 9.0 13.6#

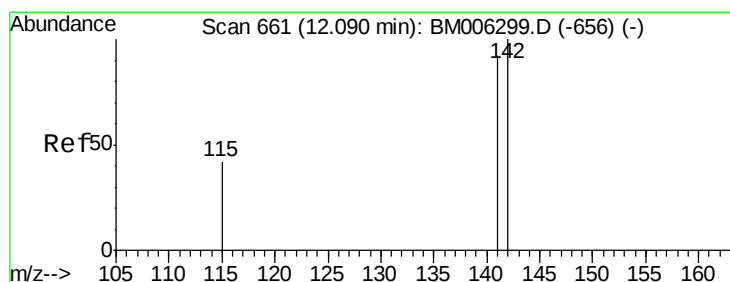
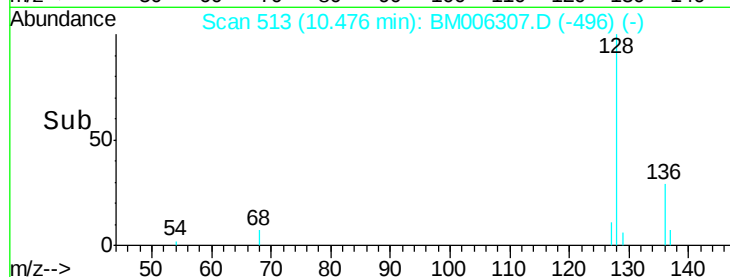
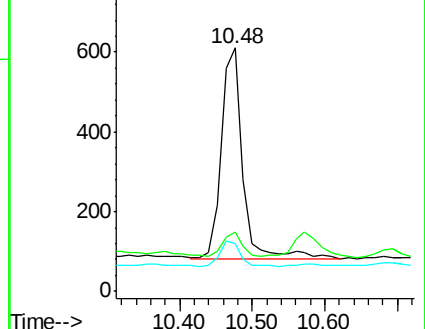
127 19.6 9.6 14.4#



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: 0.01 ng/ul

RT: 12.09 min Scan# 661

Delta R.T. -0.00 min

Lab File: BM006307.D

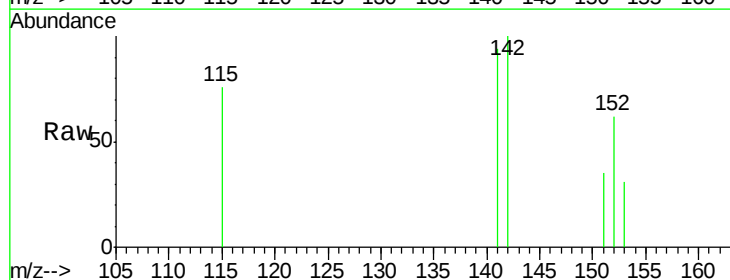
Acq: 07 Jul 2016 06:30

Tgt Ion:142 Resp: 315

Ion Ratio Lower Upper

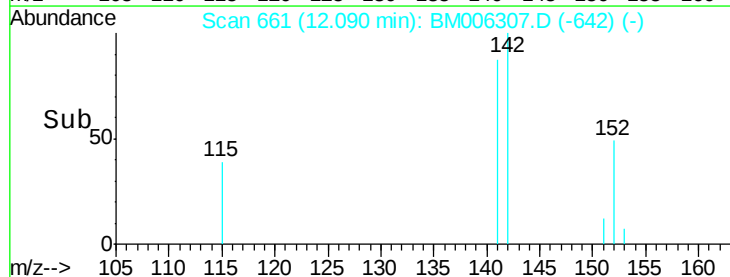
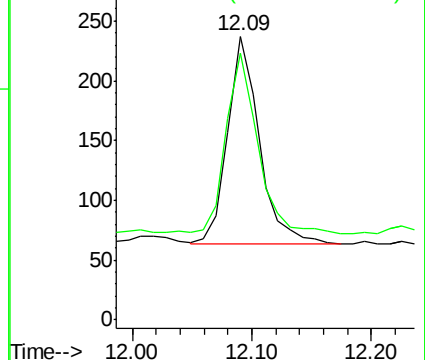
142 100

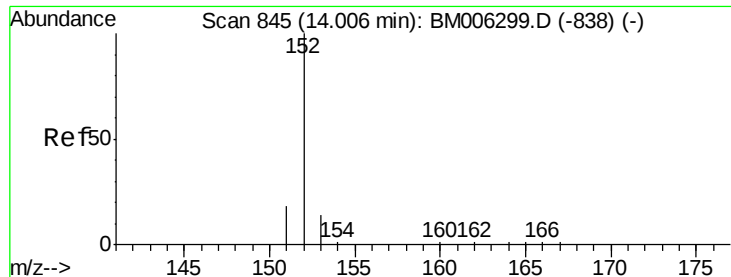
141 90.2 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.00 min

Lab File: BM006307.D

Acq: 07 Jul 2016 06:30

Instrument :

BNA_M

ClientSampleId :

A4TX2

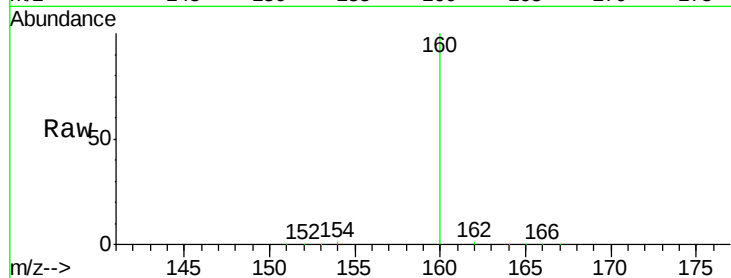
Tgt Ion:152 Resp: 227

Ion Ratio Lower Upper

152 100

151 69.1 17.6 26.4#

153 67.6 9.7 14.5#



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

14.01

300

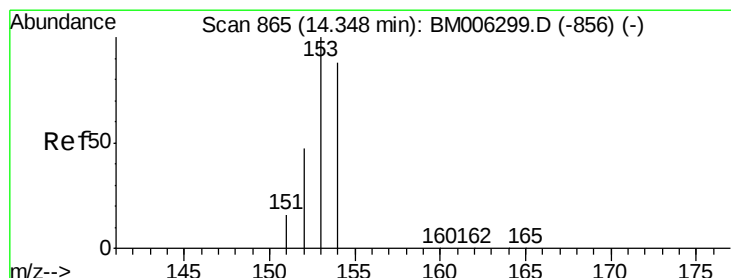
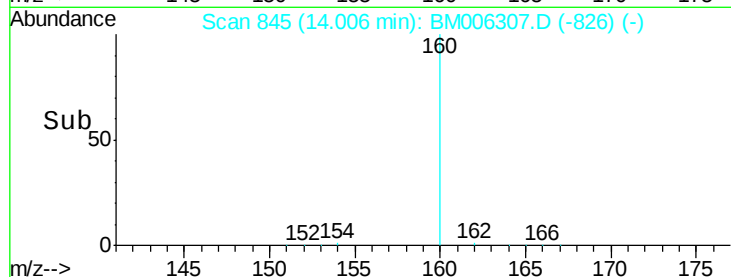
200

100

0

13.90 14.00 14.10

Time-->



#10

Acenaphthene

Concen: 0.05 ng/ul

RT: 14.37 min Scan# 866

Delta R.T. 0.02 min

Lab File: BM006307.D

Acq: 07 Jul 2016 06:30

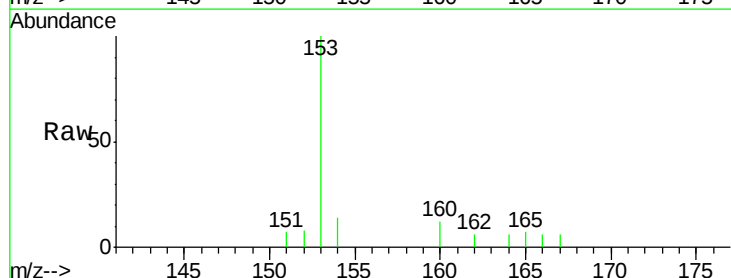
Tgt Ion:153 Resp: 1827

Ion Ratio Lower Upper

153 100

152 8.0 33.9 50.9#

154 14.4 80.6 121.0#



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

14.37

1500

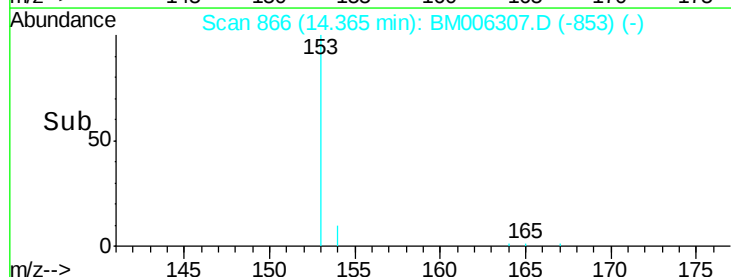
1000

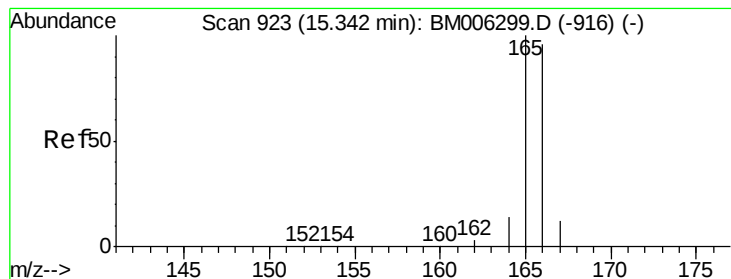
500

0

14.30 14.40 14.50

Time-->





#11

Fluorene

Concen: 0.07 ng/ul

RT: 15.29 min Scan# 920

Delta R.T. -0.05 min

Lab File: BM006307.D

Acq: 07 Jul 2016 06:30

Instrument :

BNA_M

ClientSampleId :

A4TX2

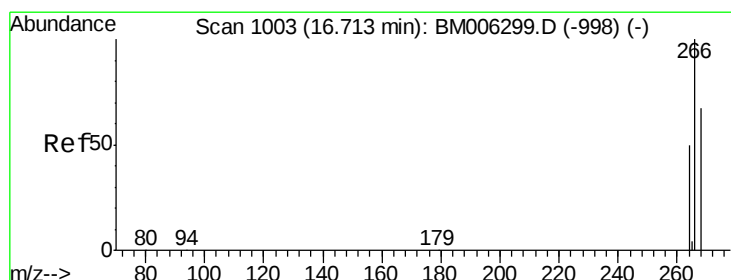
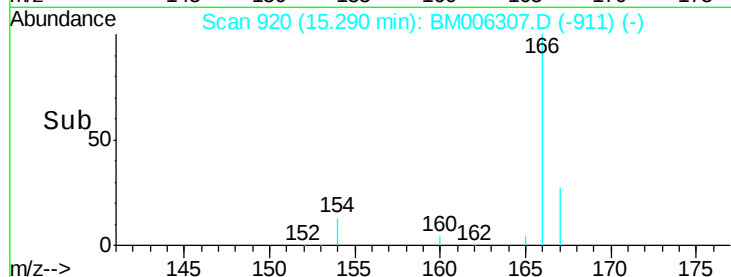
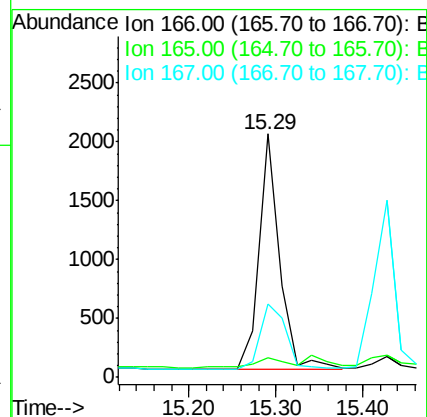
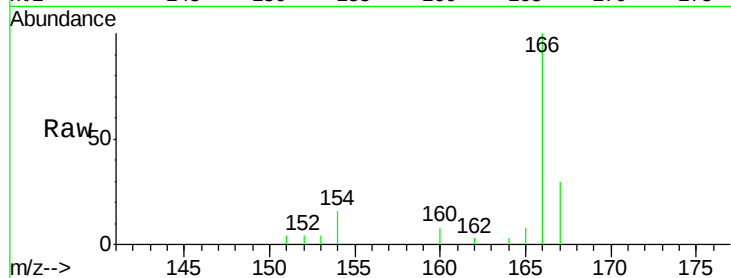
Tgt Ion:166 Resp: 3275

Ion Ratio Lower Upper

166 100

165 8.0 69.6 104.4#

167 30.2 11.9 17.9#



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.78 min Scan# 1007

Delta R.T. 0.07 min

Lab File: BM006307.D

Acq: 07 Jul 2016 06:30

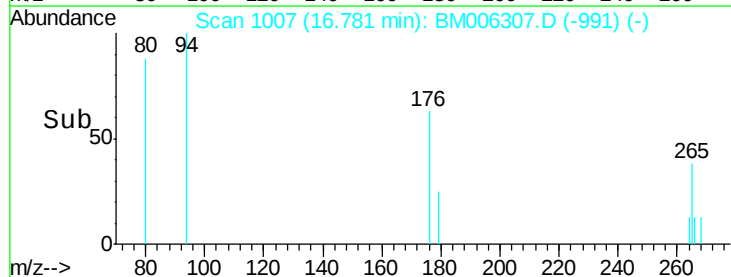
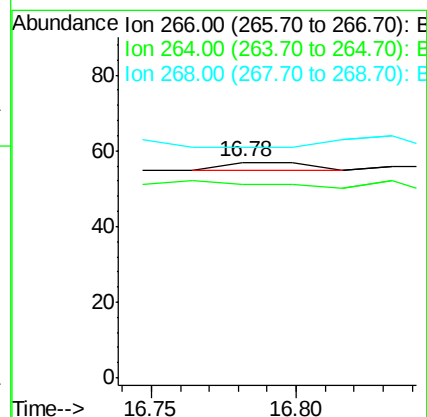
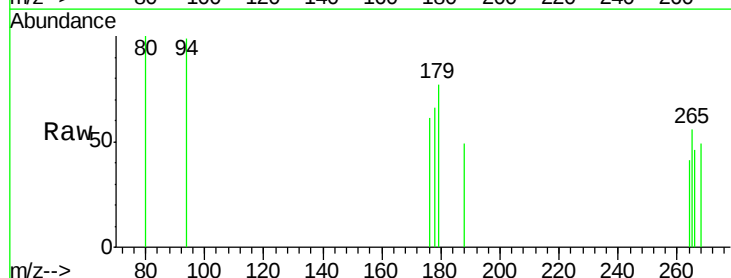
Tgt Ion:266 Resp: 4

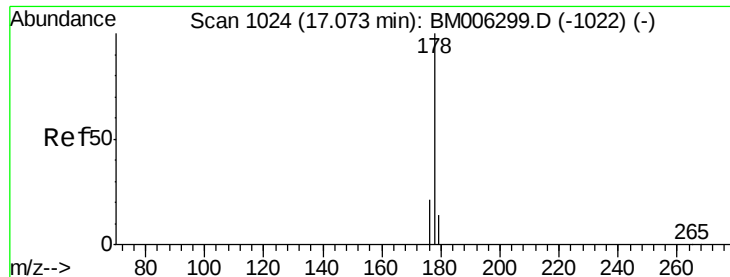
Ion Ratio Lower Upper

266 100

264 0.0 51.8 77.8#

268 0.0 46.8 70.2#





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.14 min Scan# 1028

Delta R.T. 0.07 min

Lab File: BM006307.D

Acq: 07 Jul 2016 06:30

Instrument :

BNA_M

ClientSampleId :

A4TX2

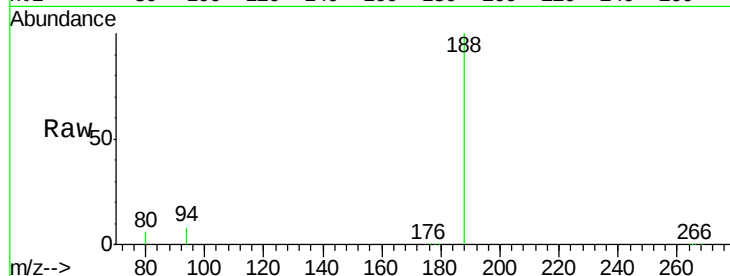
Tgt Ion:178 Resp: 852

Ion Ratio Lower Upper

178 100

176 17.1 13.0 19.4

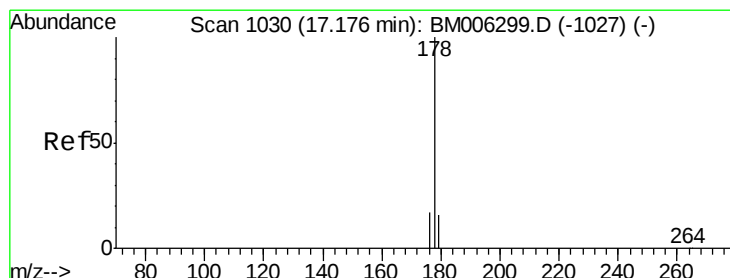
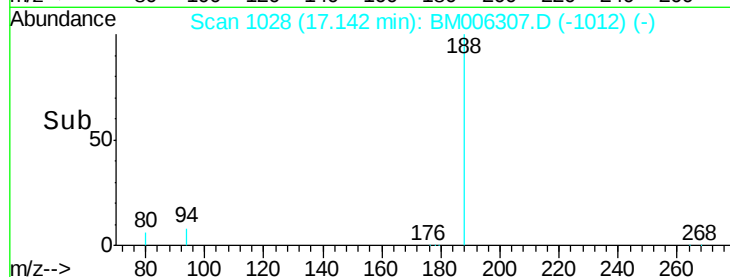
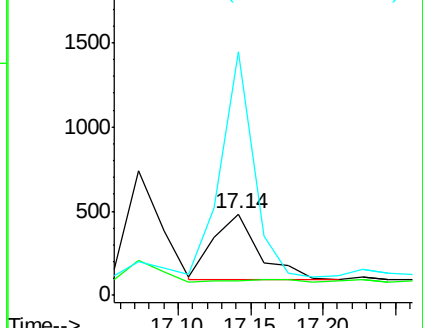
179 297.9 14.2 21.2#



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: 17.31 min Scan# 1038

Delta R.T. 0.14 min

Lab File: BM006307.D

Acq: 07 Jul 2016 06:30

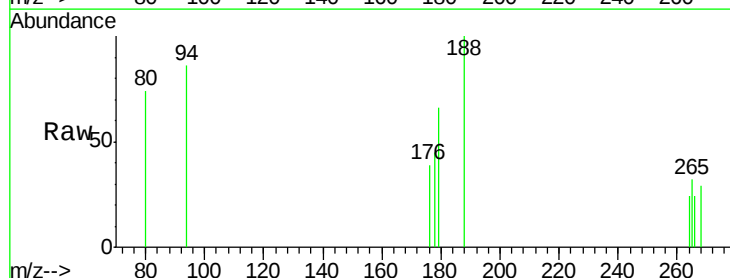
Tgt Ion:178 Resp: 33

Ion Ratio Lower Upper

178 100

176 85.6 14.0 21.0#

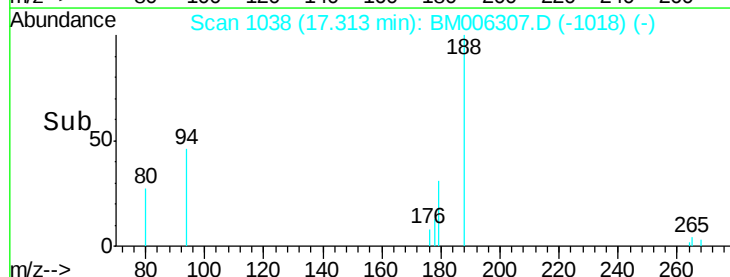
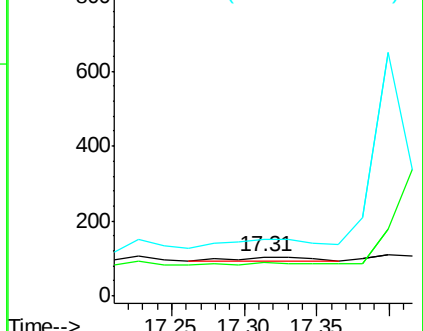
179 146.2 12.9 19.3#

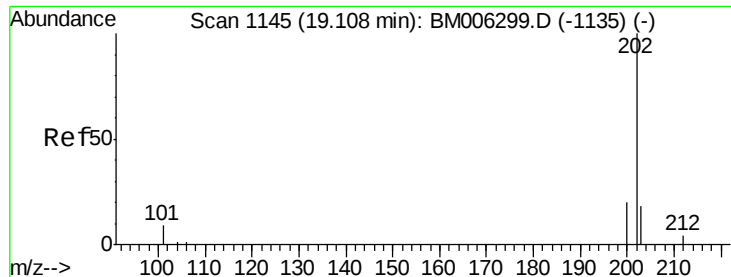


Abundance Ion 178.00 (177.70 to 178.70): E

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: 19.25 min Scan# 1157

Delta R.T. 0.15 min

Lab File: BM006307.D

Acq: 07 Jul 2016 06:30

Instrument :

BNA_M

ClientSampleId :

A4TX2

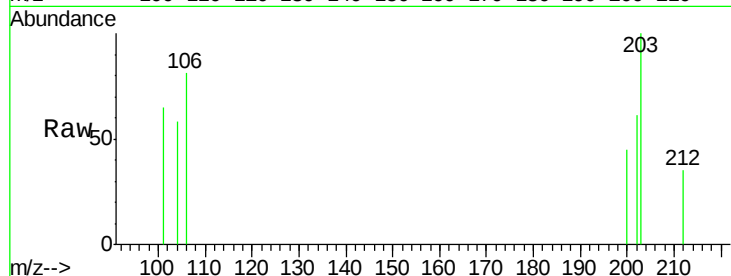
Tgt Ion:202 Resp: 106

Ion Ratio Lower Upper

202 100

101 107.3 0.0 29.6#

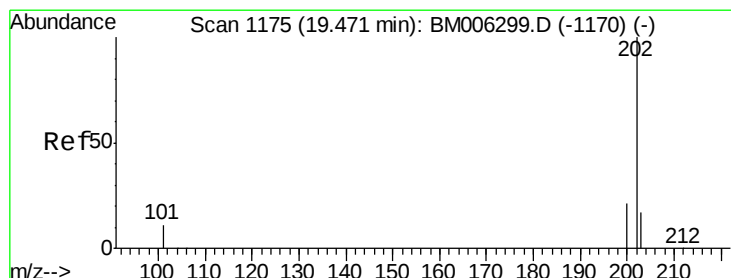
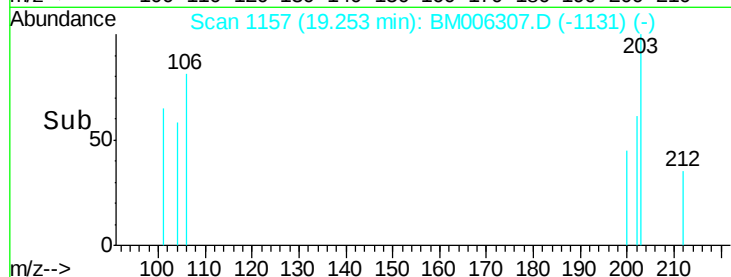
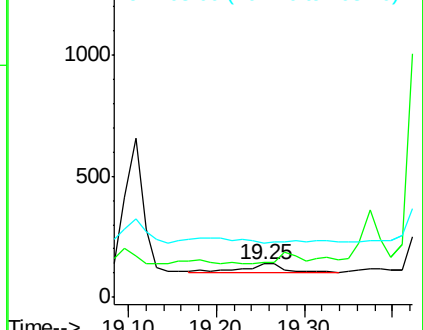
203 165.0 0.0 36.3#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#19

Pyrene

Concen: 0.04 ng/ul

RT: 19.45 min Scan# 1173

Delta R.T. -0.02 min

Lab File: BM006307.D

Acq: 07 Jul 2016 06:30

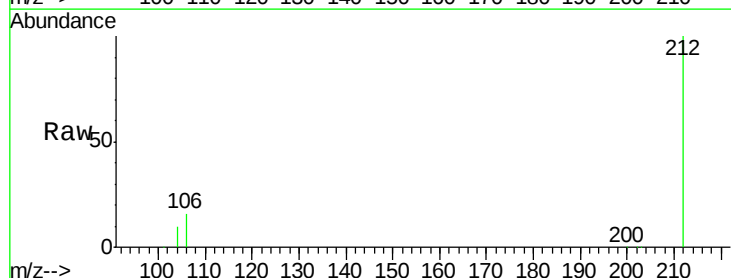
Tgt Ion:202 Resp: 3148

Ion Ratio Lower Upper

202 100

200 7.0 17.8 26.8#

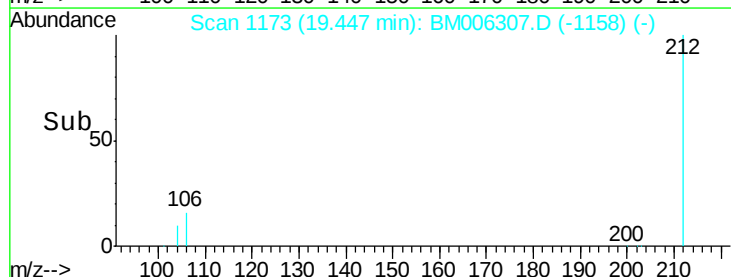
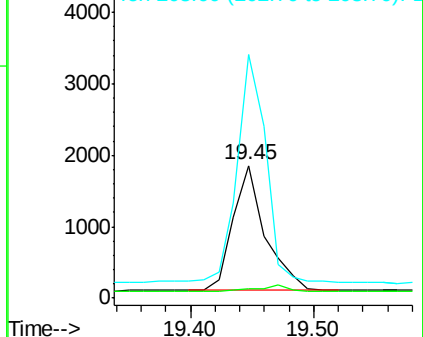
203 183.9 12.8 19.2#

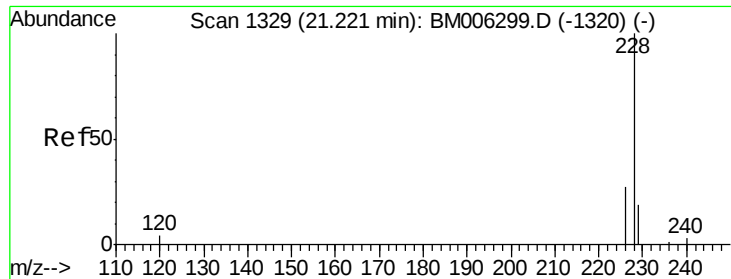


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.22 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BM006307.D

Acq: 07 Jul 2016 06:30

Instrument :

BNA_M

ClientSampleId :

A4TX2

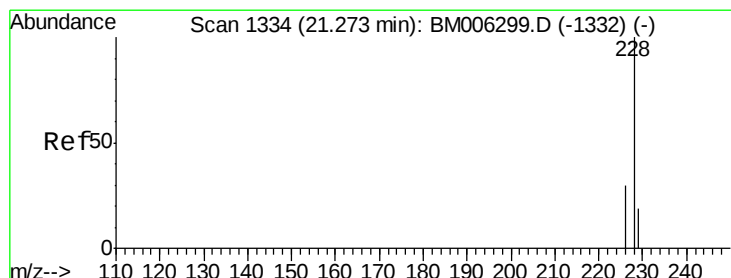
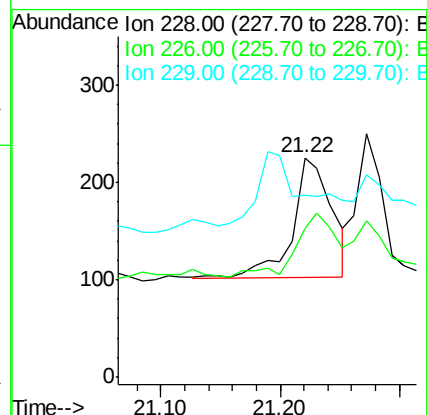
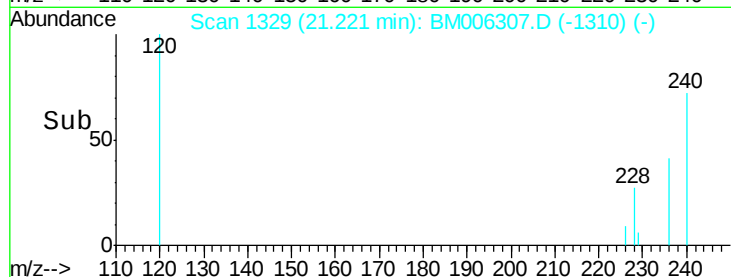
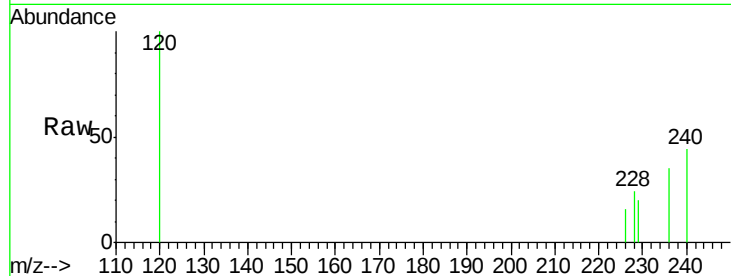
Tgt Ion:228 Resp: 288

Ion Ratio Lower Upper

228 100

226 67.6 18.8 28.2#

229 83.1 17.1 25.7#



#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.27 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BM006307.D

Acq: 07 Jul 2016 06:30

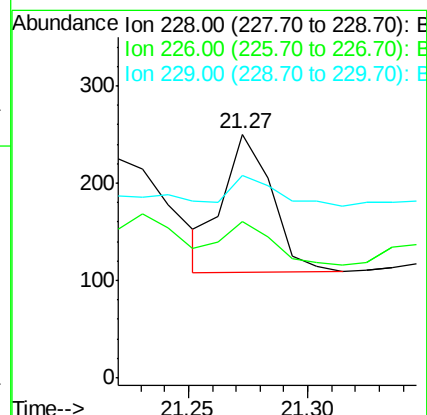
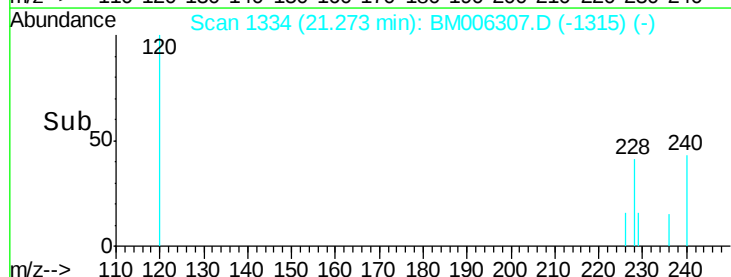
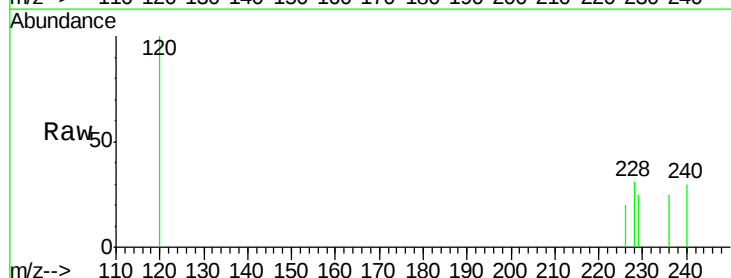
Tgt Ion:228 Resp: 199

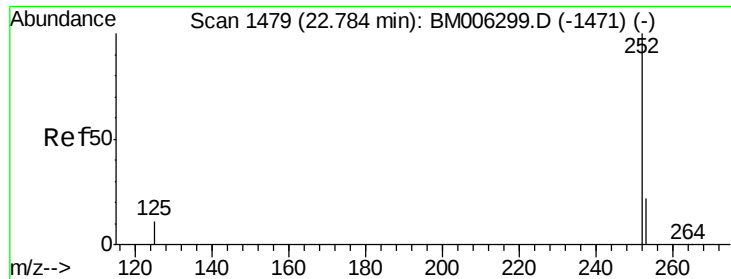
Ion Ratio Lower Upper

228 100

226 64.0 21.2 31.8#

229 83.2 17.0 25.6#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 22.66 min Scan# 1467

Delta R.T. -0.13 min

Lab File: BM006307.D

Acq: 07 Jul 2016 06:30

Instrument :

BNA_M

ClientSampleId :

A4TX2

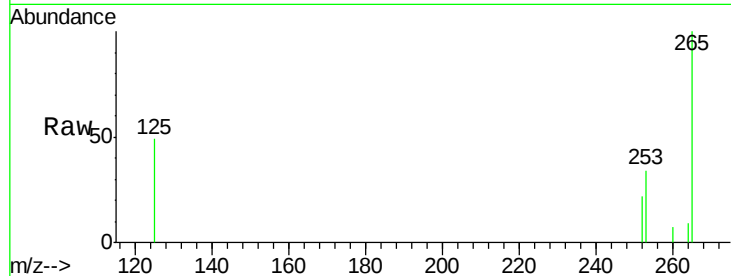
Tgt Ion:252 Resp: 22

Ion Ratio Lower Upper

252 100

253 159.5 0.0 45.4#

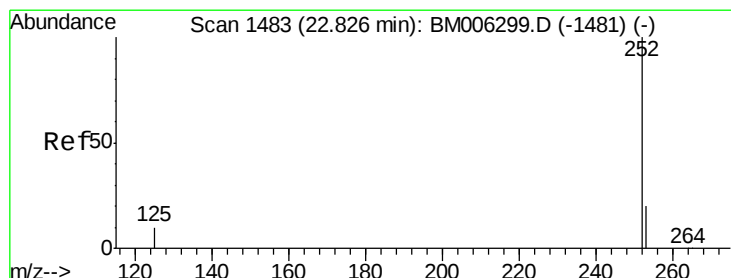
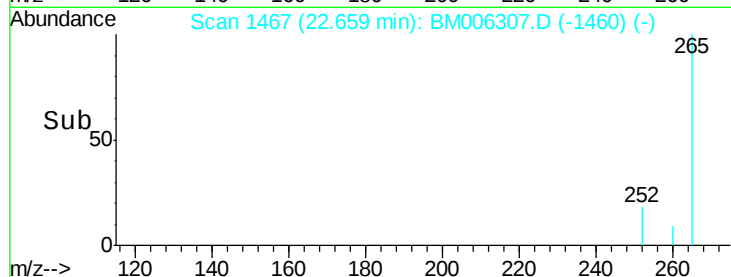
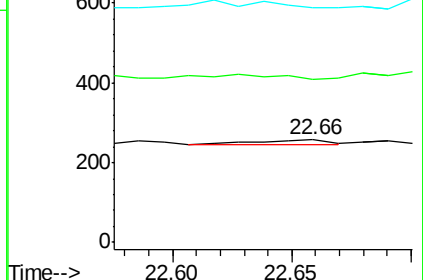
125 229.6 0.0 28.8#



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/u1

RT: 22.71 min Scan# 1472

Delta R.T. -0.11 min

Lab File: BM006307.D

Acq: 07 Jul 2016 06:30

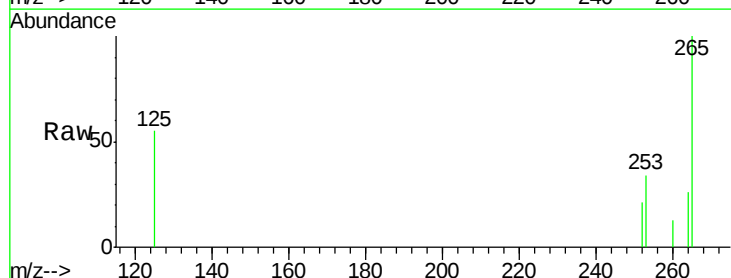
Tgt Ion:252 Resp: 9

Ion Ratio Lower Upper

252 100

253 164.0 19.8 29.8#

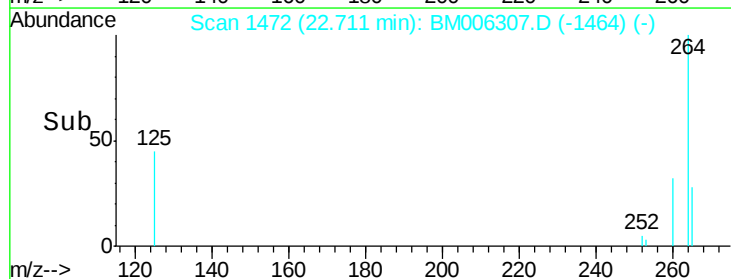
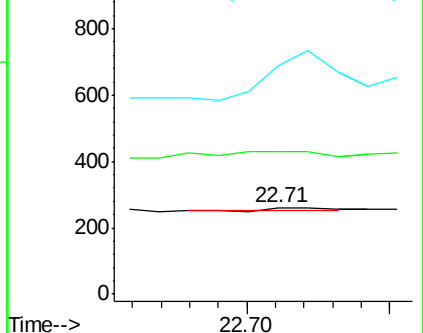
125 264.4 10.4 15.6#

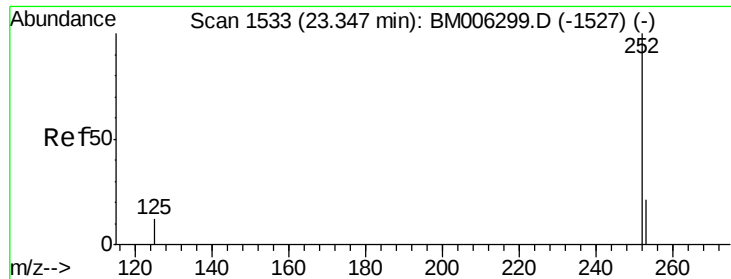


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.00 ng/u1

RT: 23.32 min Scan# 1530

Delta R.T. -0.03 min

Lab File: BM006307.D

Acq: 07 Jul 2016 06:30

Instrument :

BNA_M

ClientSampleId :

A4TX2

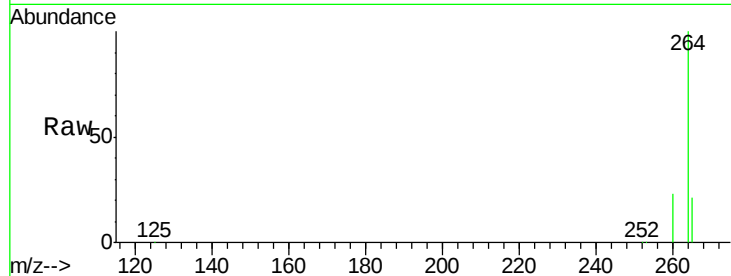
Tgt Ion:252 Resp: 4343

Ion Ratio Lower Upper

252 100

253 43.6 19.4 29.2#

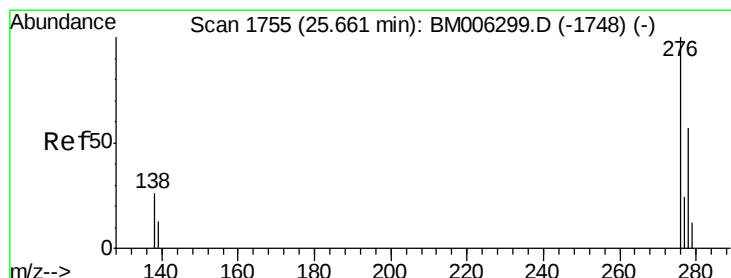
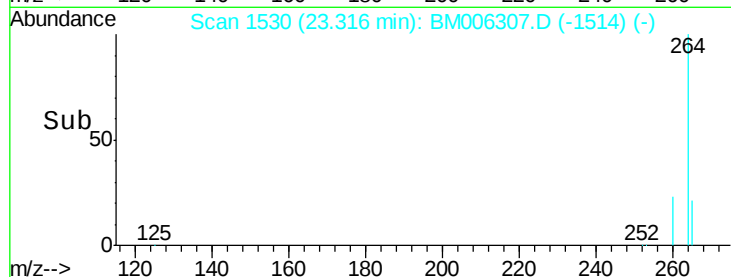
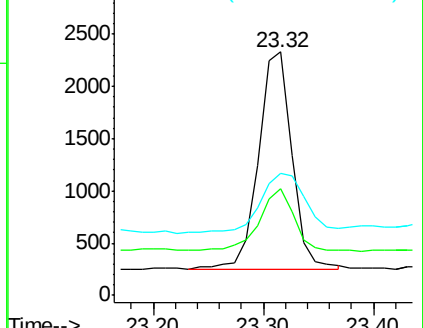
125 50.2 12.7 19.1#



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/u1

RT: 25.61 min Scan# 1750

Delta R.T. -0.05 min

Lab File: BM006307.D

Acq: 07 Jul 2016 06:30

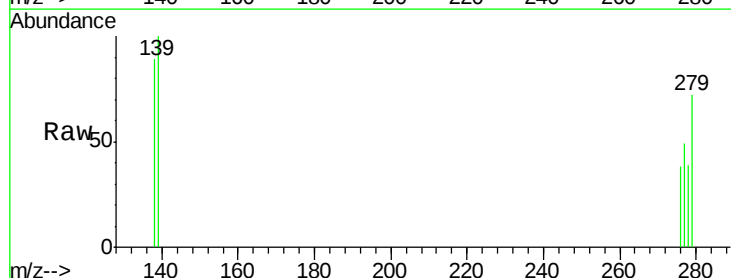
Tgt Ion:276 Resp: 660

Ion Ratio Lower Upper

276 100

138 0.0 16.3 24.5#

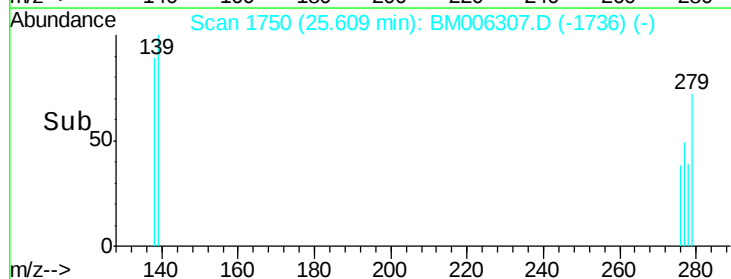
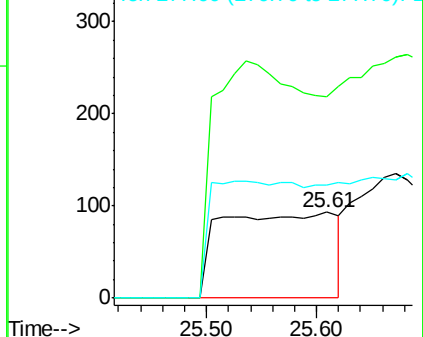
277 0.0 19.8 29.8#

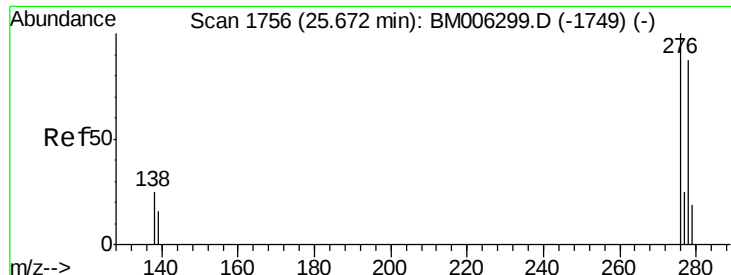


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.50 min Scan# 1740

Delta R.T. -0.17 min

Lab File: BM006307.D

Acq: 07 Jul 2016 06:30

Instrument :

BNA_M

ClientSampleId :

A4TX2

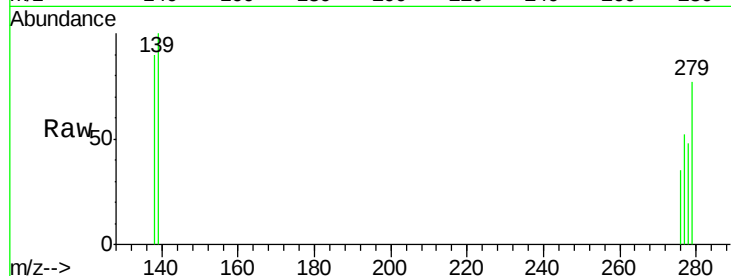
Tgt Ion:278 Resp: 1158

Ion Ratio Lower Upper

278 100

139 207.7 16.4 24.6#

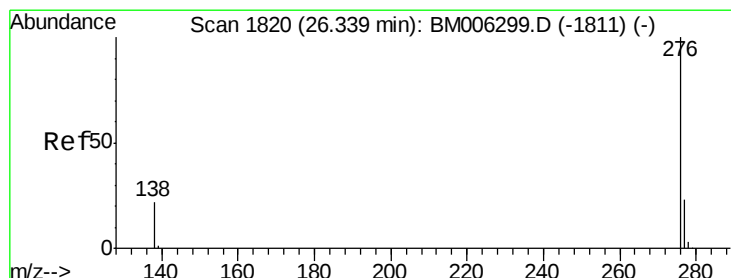
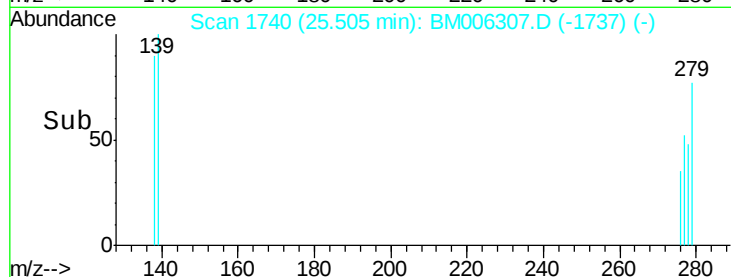
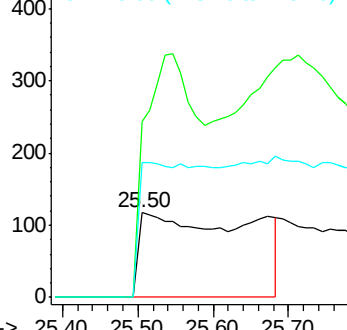
279 159.0 20.2 30.2#



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: 26.20 min Scan# 1807

Delta R.T. -0.14 min

Lab File: BM006307.D

Acq: 07 Jul 2016 06:30

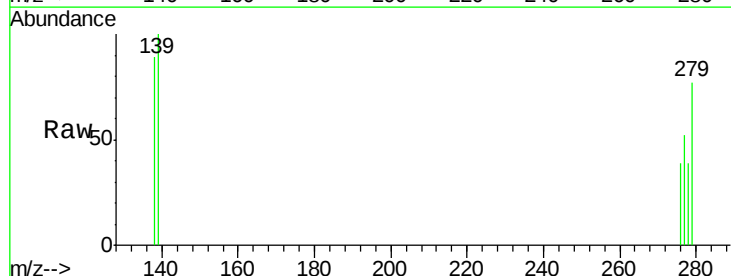
Tgt Ion:276 Resp: 23

Ion Ratio Lower Upper

276 100

277 134.1 18.9 28.3#

138 229.7 22.5 33.7#



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

