

Data Path : Z:\HPCHEM1\BNA M\DATA\BM060217\
 Data File : BM010412.D
 Acq On : 03 Jun 2017 05:59
 Operator : SJ/MA
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 05 04:04:11 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM053017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 04:03:07 2017
 Response via : Initial Calibration

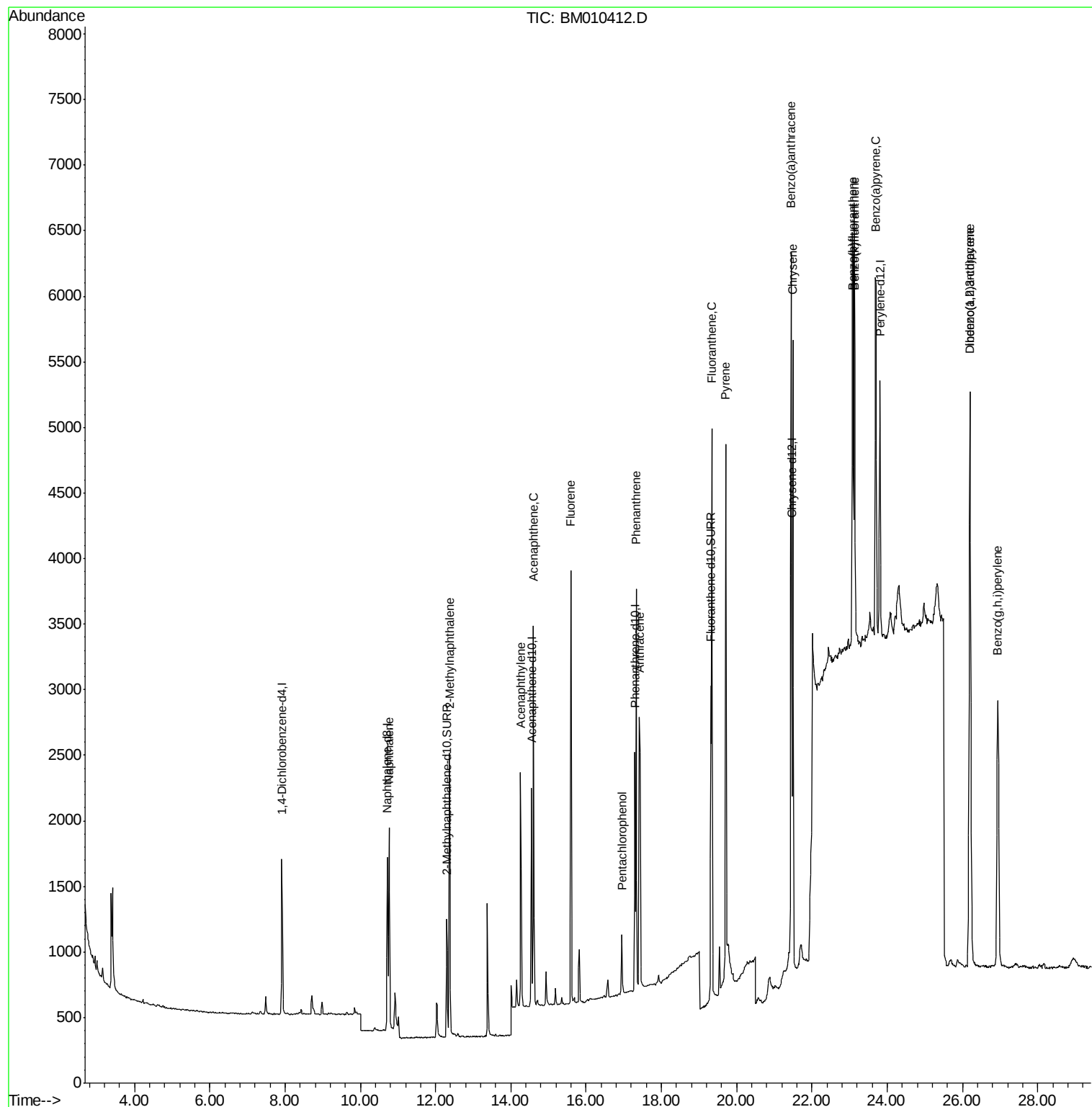
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	728	0.40	ng/ul	0.00
2) Naphthalene-d8	10.72	136	2119	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	1177	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	2574	0.40	ng/ul	0.00
16) Chrysene-d12	21.46	240	2709	0.40	ng/ul	0.00
20) Perylene-d12	23.81	264	2756	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	1238	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	2859	0.42	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.77	128	2167	0.39	ng/ul	97
5) 2-Methylnaphthalene	12.37	142	1597	0.41	ng/ul	100
7) Acenaphthylene	14.26	152	2433	0.41	ng/ul	95
8) Acenaphthene	14.61	153	1733	0.39	ng/ul	99
9) Fluorene	15.60	166	2083	0.39	ng/ul	92
11) Pentachlorophenol	16.95	266	479	0.49	ng/ul	98
12) Phenanthrene	17.33	178	3301	0.40	ng/ul	99
13) Anthracene	17.42	178	3206	0.41	ng/ul	97
15) Fluoranthene	19.34	202	4256	0.41	ng/ul	96
17) Pyrene	19.71	202	4732	0.41	ng/ul#	92
18) Benzo(a)anthracene	21.44	228	4655	0.42	ng/ul	97
19) Chrysene	21.50	228	4006	0.38	ng/ul	96
21) Benzo(b)fluoranthene	23.08	252	4943	0.41	ng/ul	84
22) Benzo(k)fluoranthene	23.13	252	4407	0.38	ng/ul#	83
23) Benzo(a)pyrene	23.69	252	4781	0.42	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.20	276	5739	0.38	ng/ul#	93
25) Dibenzo(a,h)anthracene	26.21	278	4637	0.39	ng/ul	93
26) Benzo(g,h,i)perylene	26.94	276	4855	0.38	ng/ul	97

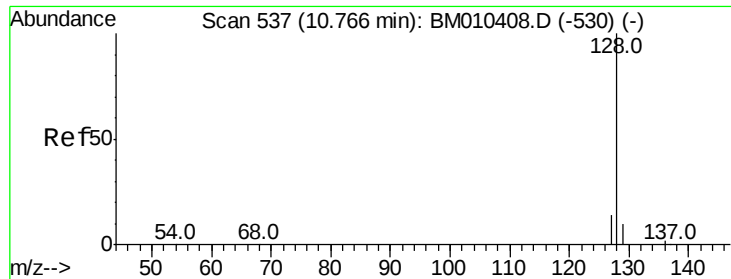
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.39 ng/ul

RT: 10.77 min Scan# 537

Delta R.T. -0.00 min

Lab File: BM010412.D

Acq: 03 Jun 2017 05:59

Instrument :

BNA_M

ClientSampleId :

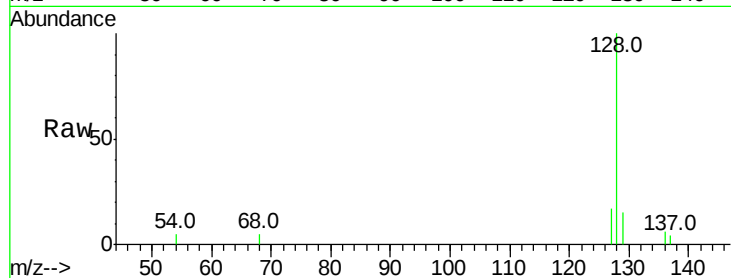
Tot Ion:128 Resp: 2167

Ion Ratio Lower Upper

128 100

129 14.8 11.3 16.9

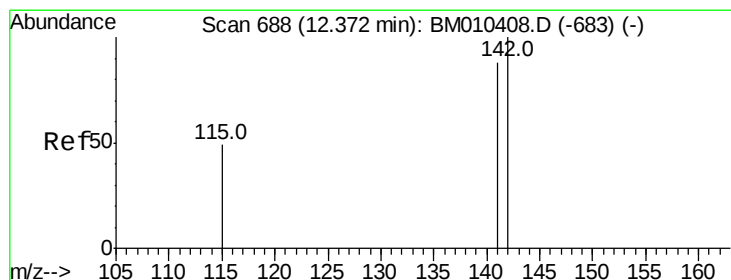
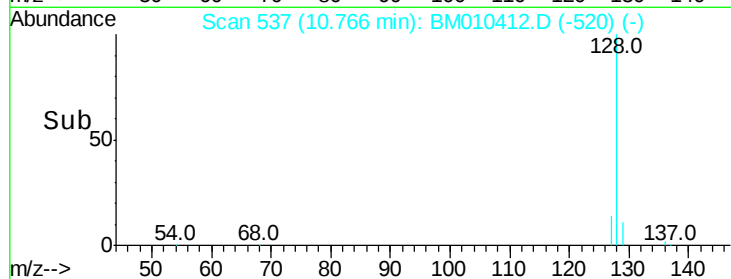
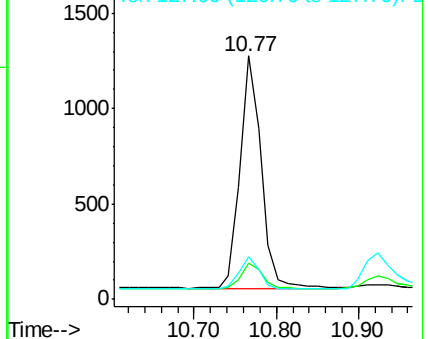
127 17.4 12.8 19.2



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



#5

2-Methylnaphthalene

Concen: 0.41 ng/ul

RT: 12.37 min Scan# 688

Delta R.T. -0.00 min

Lab File: BM010412.D

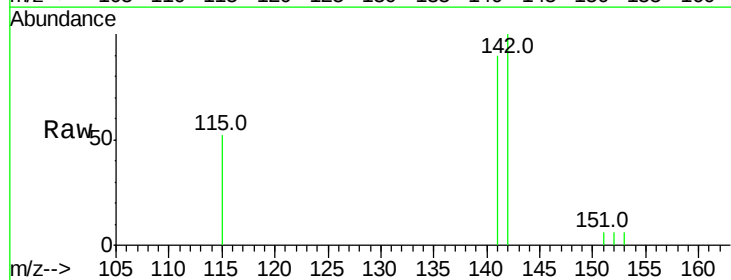
Acq: 03 Jun 2017 05:59

Tgt Ion:142 Resp: 1597

Ion Ratio Lower Upper

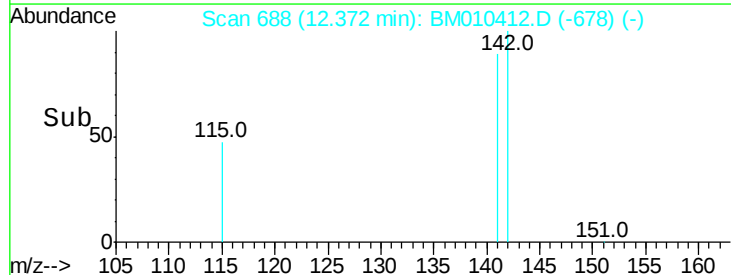
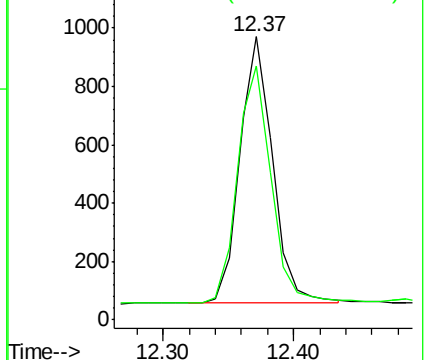
142 100

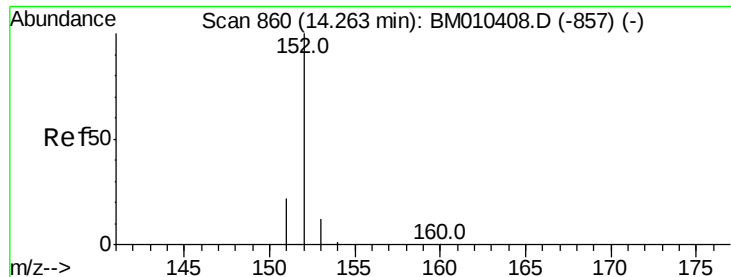
141 90.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.41 ng/ul

RT: 14.26 min Scan# 860

Delta R.T. -0.00 min

Lab File: BM010412.D

Acq: 03 Jun 2017 05:59

Instrument :

BNA_M

ClientSampleId :

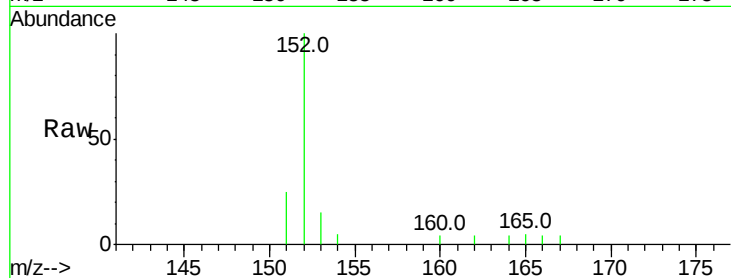
Tot Ion:152 Resp: 2433

Ion Ratio Lower Upper

152 100

151 24.7 17.1 25.7

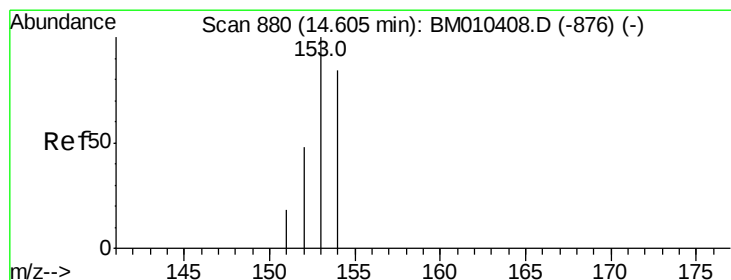
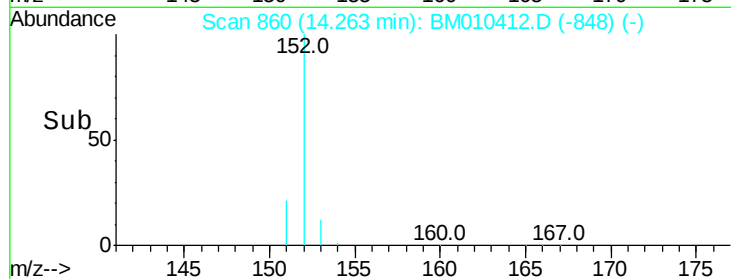
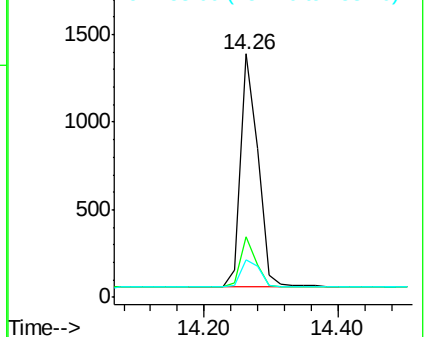
153 15.5 12.8 19.2



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



#8

Acenaphthene

Concen: 0.39 ng/ul

RT: 14.61 min Scan# 880

Delta R.T. -0.00 min

Lab File: BM010412.D

Acq: 03 Jun 2017 05:59

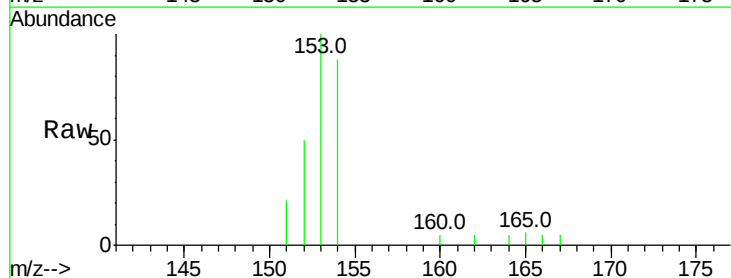
Tgt Ion:153 Resp: 1733

Ion Ratio Lower Upper

153 100

152 49.6 40.3 60.5

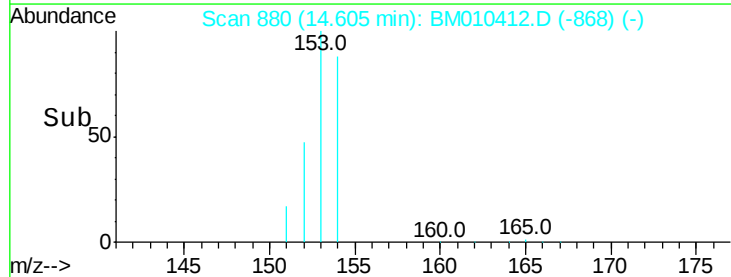
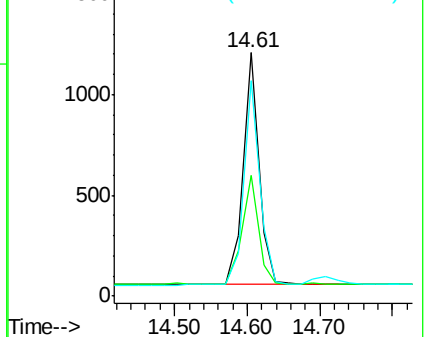
154 88.3 71.4 107.2

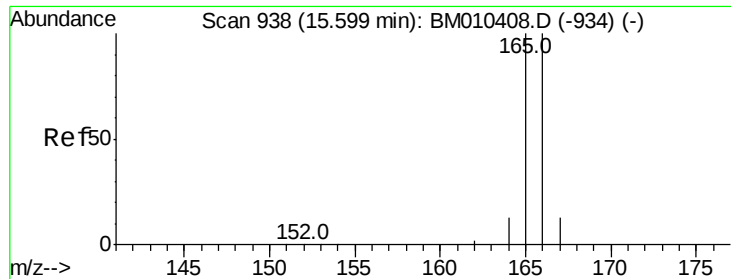


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

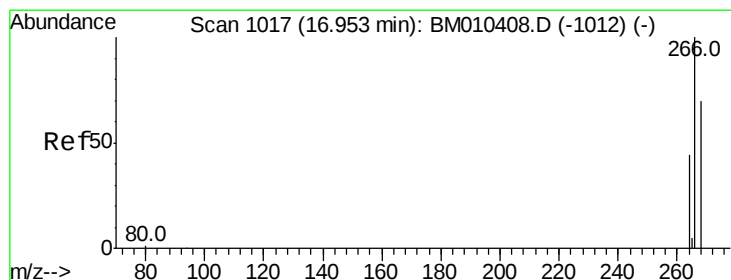
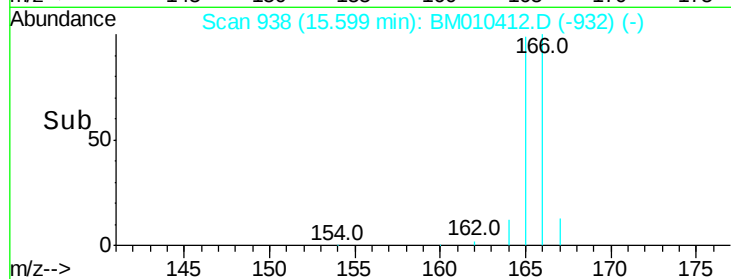
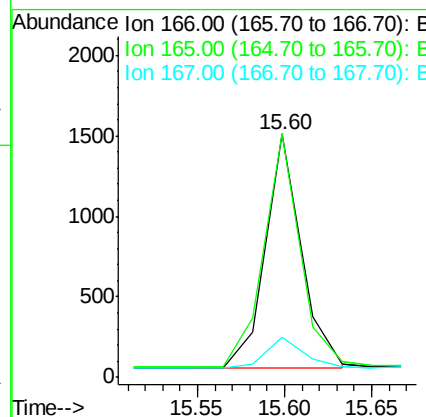
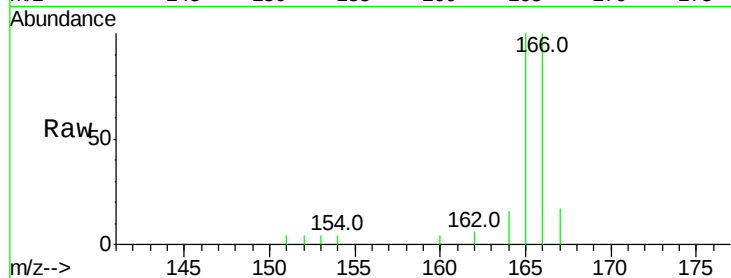




#9
Fluorene
 Concen: 0.39 ng/ul
 RT: 15.60 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BM010412.D
 Acq: 03 Jun 2017 05:59

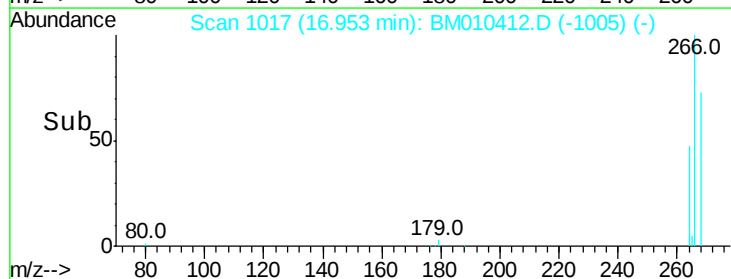
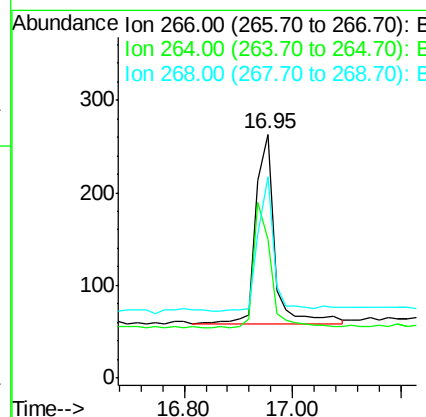
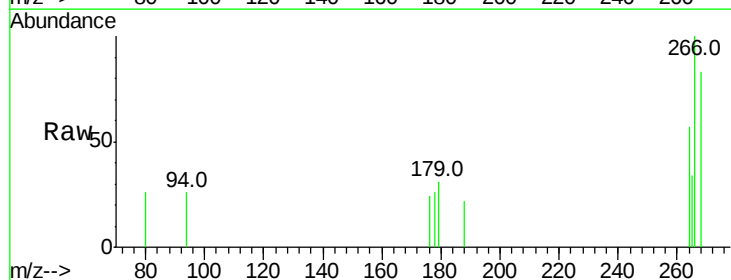
Instrument :
 BNA_M
 ClientSampleId :

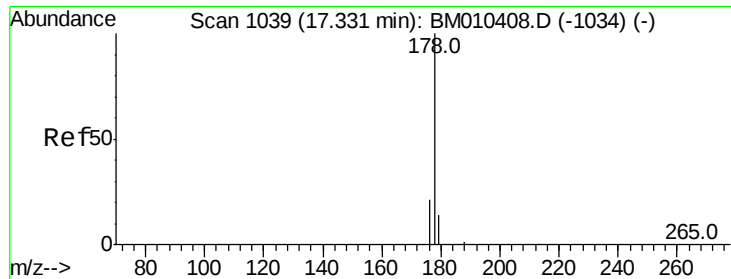
Tot Ion:166 Resp: 2083
 Ion Ratio Lower Upper
 166 100
 165 100.1 73.4 110.2
 167 16.6 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.49 ng/ul
 RT: 16.95 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BM010412.D
 Acq: 03 Jun 2017 05:59

Tgt Ion:266 Resp: 479
 Ion Ratio Lower Upper
 266 100
 264 61.4 47.9 71.9
 268 60.1 49.8 74.8





#12

Phenanthrene

Concen: 0.40 ng/ul

RT: 17.33 min Scan# 1039

Delta R.T. -0.00 min

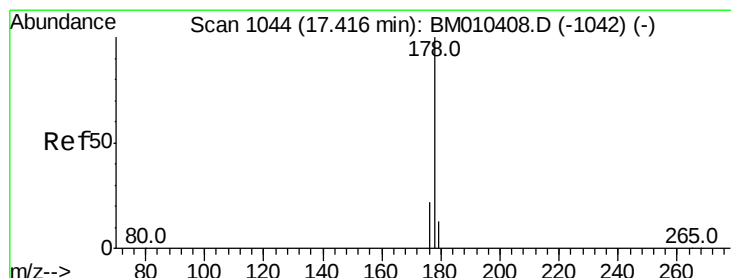
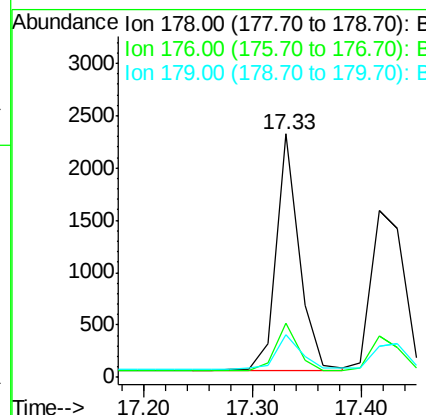
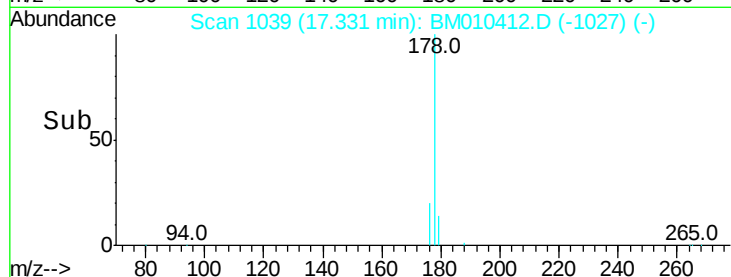
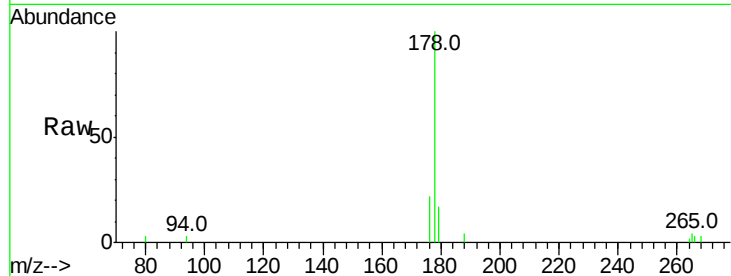
Lab File: BM010412.D

Acq: 03 Jun 2017 05:59

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 3301

Ion	Ratio	Lower	Upper
178	100		
176	22.4	18.4	27.6
179	17.3	13.6	20.4



#13

Anthracene

Concen: 0.41 ng/ul

RT: 17.42 min Scan# 1044

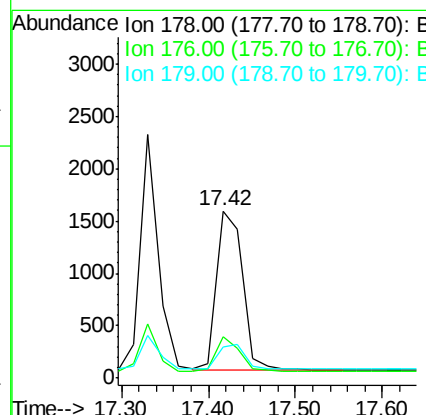
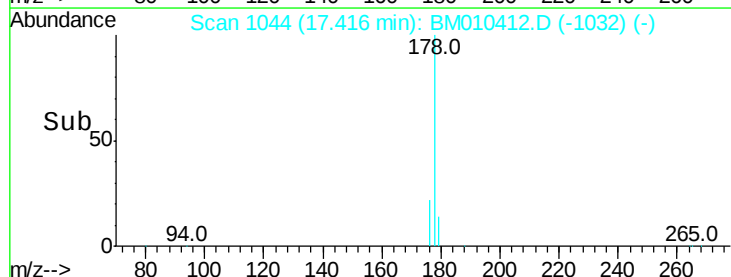
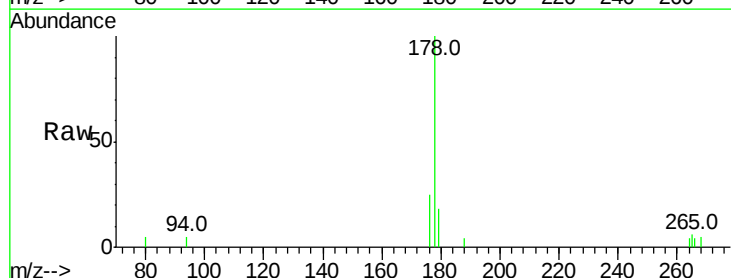
Delta R.T. -0.00 min

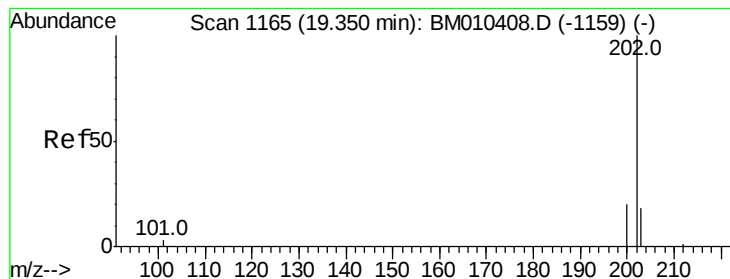
Lab File: BM010412.D

Acq: 03 Jun 2017 05:59

Tgt Ion:178 Resp: 3206

Ion	Ratio	Lower	Upper
178	100		
176	24.8	18.1	27.1
179	18.5	14.7	22.1





#15

Fluoranthene

Concen: 0.41 ng/ul

RT: 19.34 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BM010412.D

Acq: 03 Jun 2017 05:59

Instrument :

BNA_M

ClientSampleId :

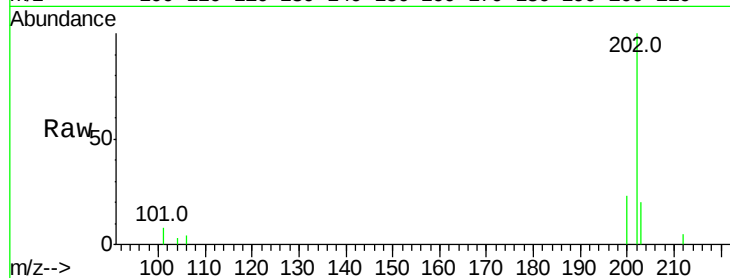
Tot Ion:202 Resp: 4256

Ion Ratio Lower Upper

202 100

101 7.8 0.0 30.3

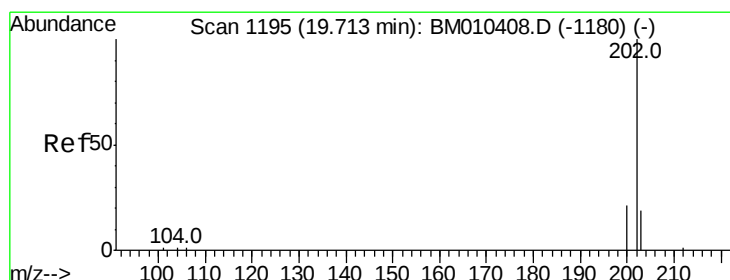
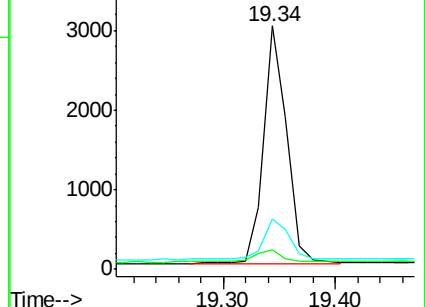
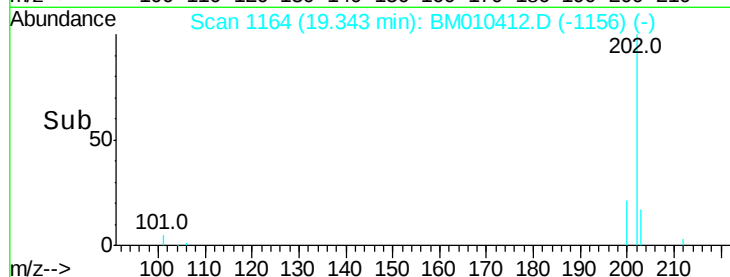
203 20.4 0.0 39.5



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



#17

Pyrene

Concen: 0.41 ng/ul

RT: 19.71 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BM010412.D

Acq: 03 Jun 2017 05:59

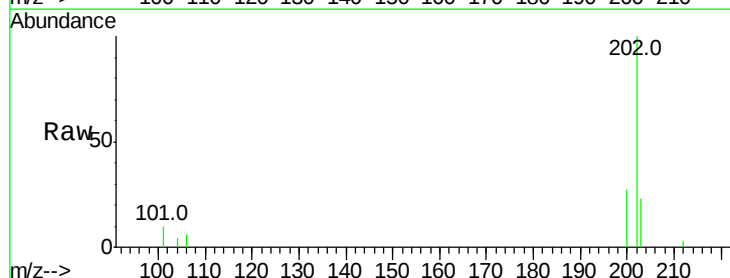
Tgt Ion:202 Resp: 4732

Ion Ratio Lower Upper

202 100

200 26.7 18.2 27.4

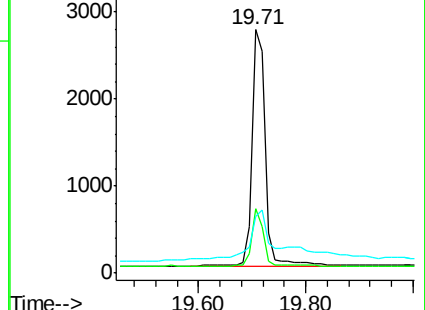
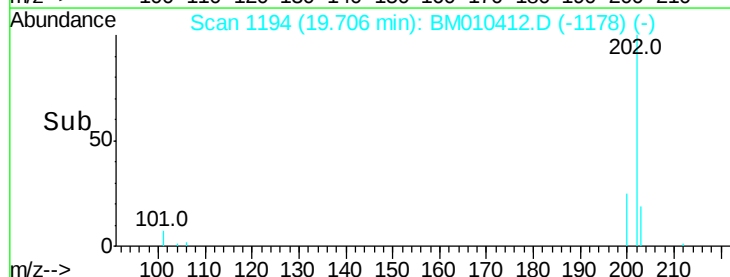
203 23.4 15.6 23.4#

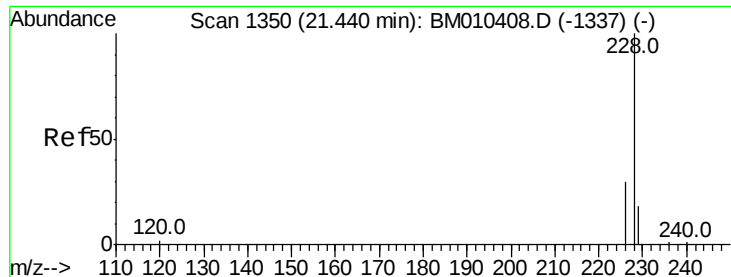


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.42 ng/ul

RT: 21.44 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BM010412.D

Acq: 03 Jun 2017 05:59

Instrument :

BNA_M

ClientSampleId :

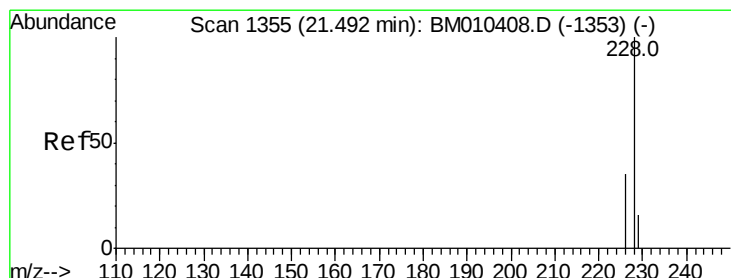
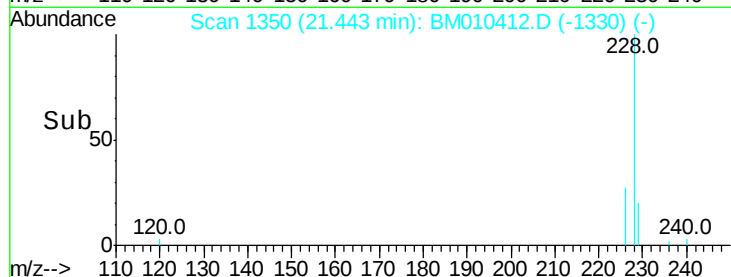
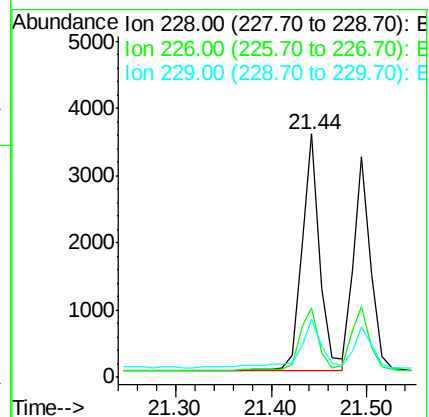
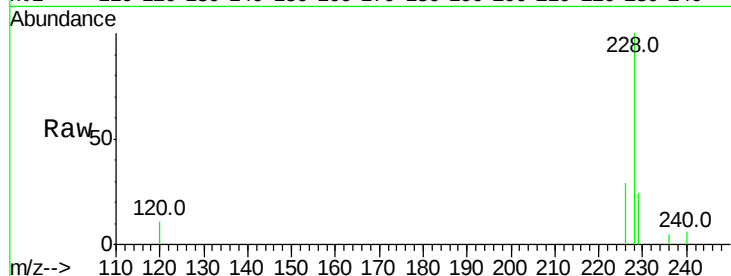
Tot Ion:228 Resp: 4655

Ion Ratio Lower Upper

228 100

226 28.8 22.8 34.2

229 24.1 17.0 25.6



#19

Chrysene

Concen: 0.38 ng/ul

RT: 21.50 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BM010412.D

Acq: 03 Jun 2017 05:59

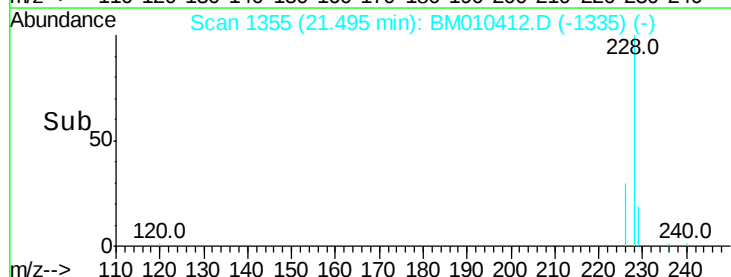
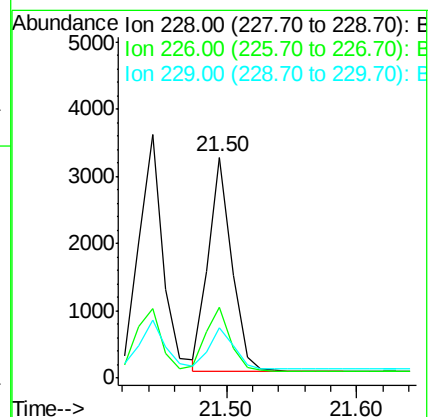
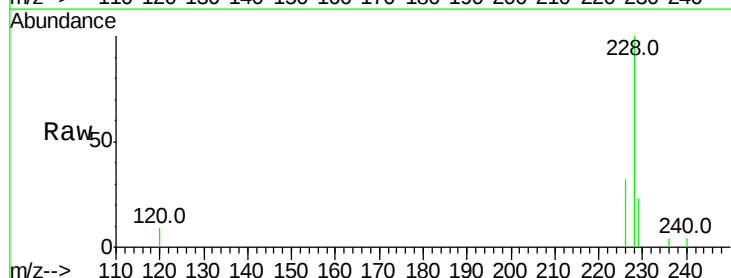
Tgt Ion:228 Resp: 4006

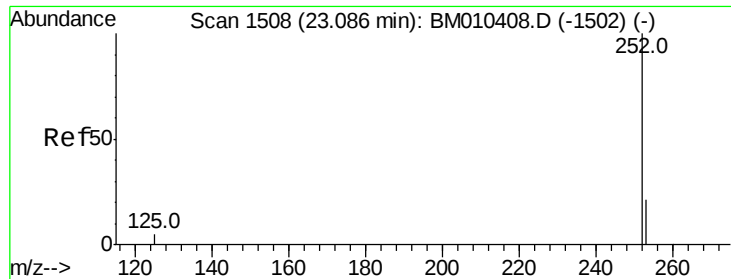
Ion Ratio Lower Upper

228 100

226 32.3 23.4 35.0

229 22.7 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.41 ng/ul

RT: 23.08 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BM010412.D

Acq: 03 Jun 2017 05:59

Instrument :

BNA_M

ClientSampleId :

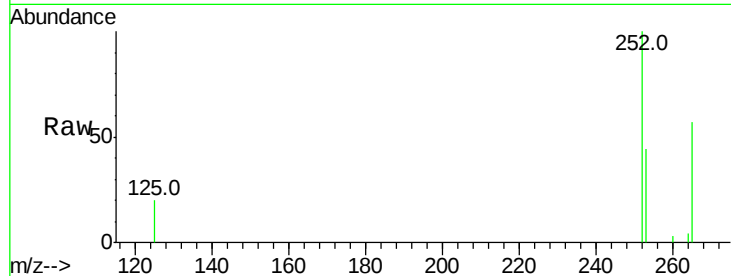
Tot Ion:252 Resp: 4943

Ion Ratio Lower Upper

252 100

253 44.4 0.0 64.2

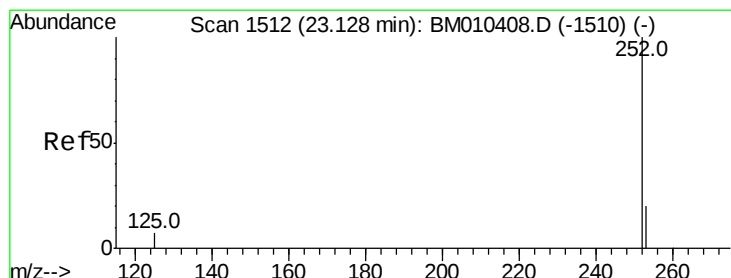
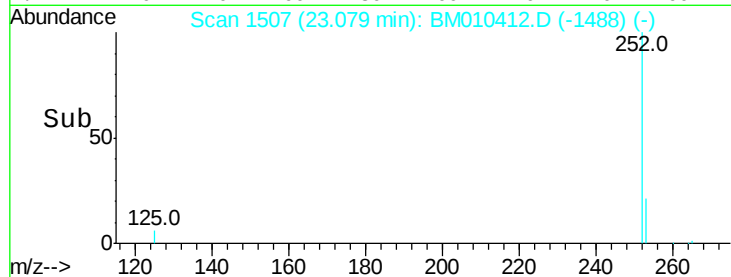
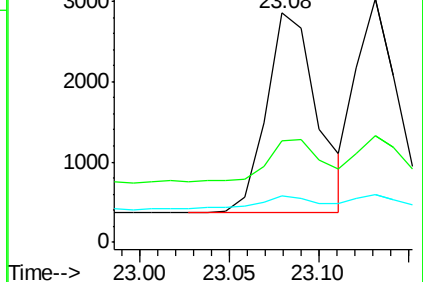
125 20.1 0.0 35.0



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



#22

Benzo(k)fluoranthene

Concen: 0.38 ng/ul

RT: 23.13 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BM010412.D

Acq: 03 Jun 2017 05:59

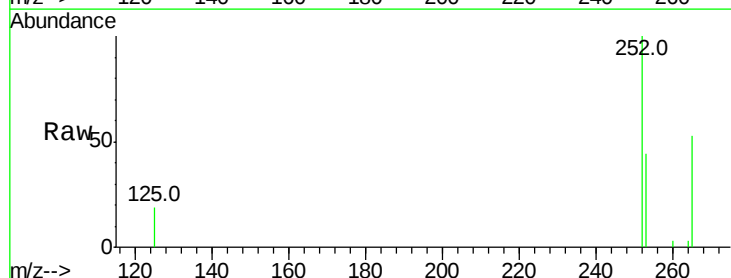
Tgt Ion:252 Resp: 4407

Ion Ratio Lower Upper

252 100

253 43.5 24.5 36.7#

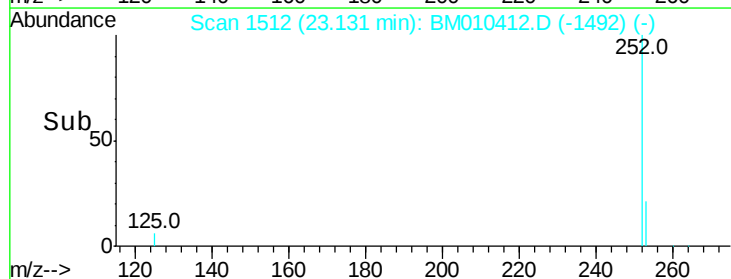
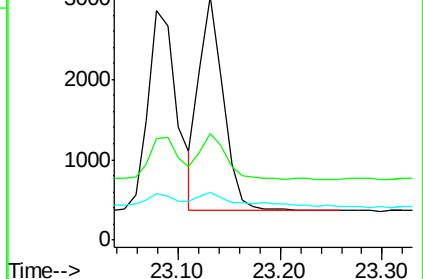
125 19.4 13.7 20.5

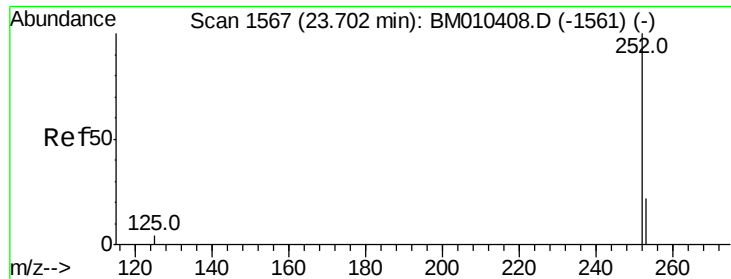


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.42 ng/ul

RT: 23.69 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BM010412.D

Acq: 03 Jun 2017 05:59

Instrument :

BNA_M

ClientSampleId :

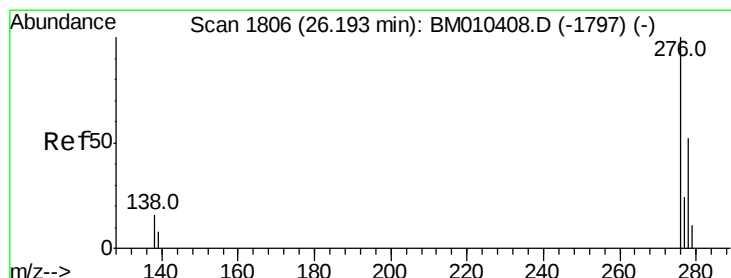
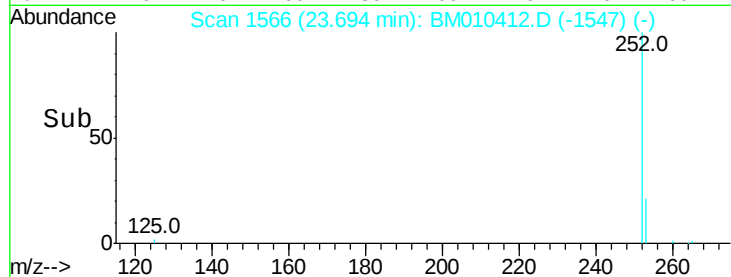
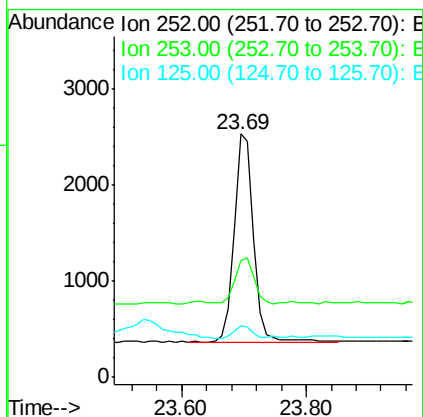
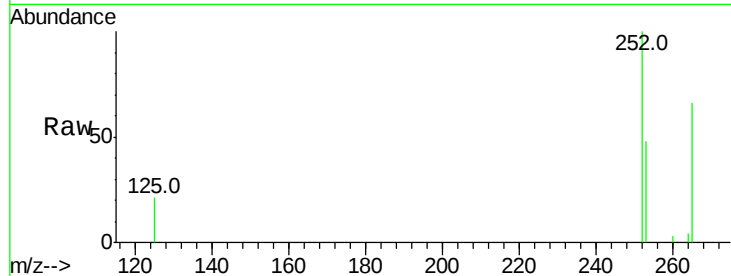
Tot Ion:252 Resp: 4781

Ion Ratio Lower Upper

252 100

253 47.9 28.5 42.7#

125 21.2 18.1 27.1



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.38 ng/ul

RT: 26.20 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BM010412.D

Acq: 03 Jun 2017 05:59

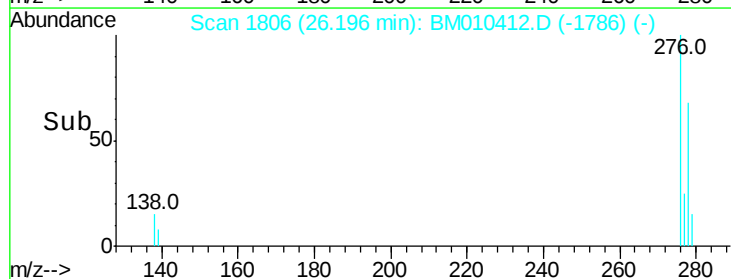
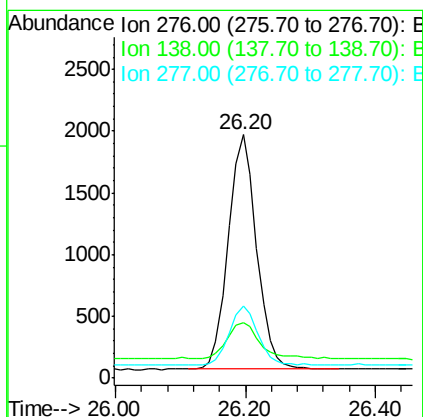
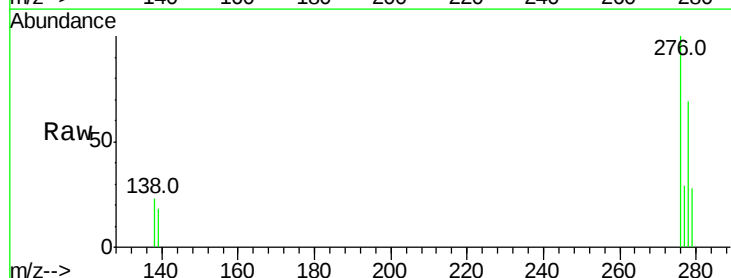
Tgt Ion:276 Resp: 5739

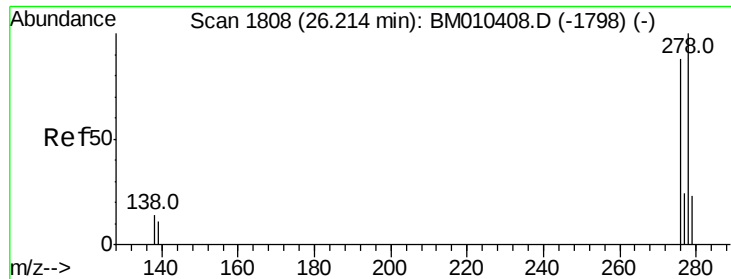
Ion Ratio Lower Upper

276 100

138 17.8 19.1 28.7#

277 25.1 19.6 29.4





#25

Dibenzo(a,h)anthracene

Concen: 0.39 ng/ul

RT: 26.21 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BM010412.D

Acq: 03 Jun 2017 05:59

Instrument :

BNA_M

ClientSampleId :

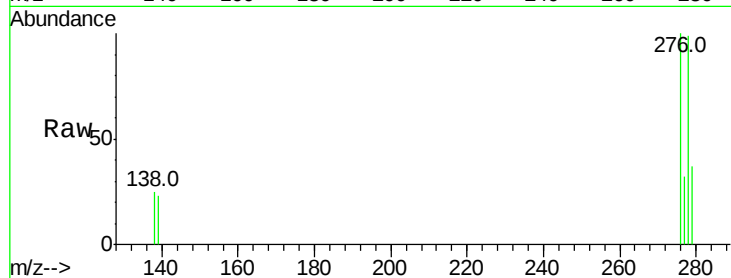
Tot Ion:278 Resp: 4637

Ion Ratio Lower Upper

278 100

139 23.0 17.4 26.0

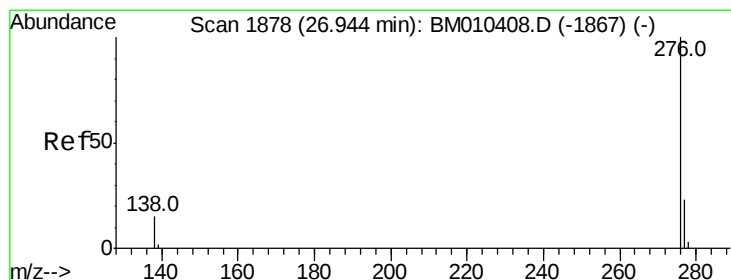
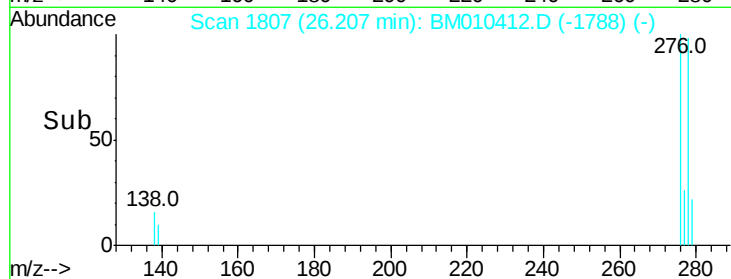
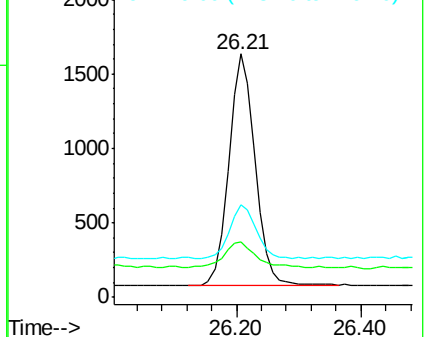
279 37.8 25.9 38.9



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



#26

Benzo(g,h,i)perylene

Concen: 0.38 ng/ul

RT: 26.94 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM010412.D

Acq: 03 Jun 2017 05:59

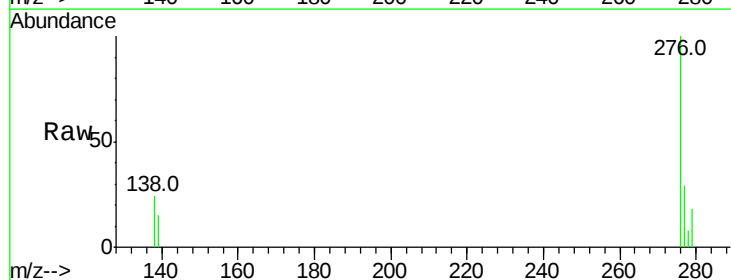
Tgt Ion:276 Resp: 4855

Ion Ratio Lower Upper

276 100

277 28.8 21.8 32.8

138 23.7 20.5 30.7



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

