

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060517\
 Data File : BM010414.D
 Acq On : 05 Jun 2017 08:44
 Operator : SJ/MA
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.420

Quant Time: Jun 05 13:24:45 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

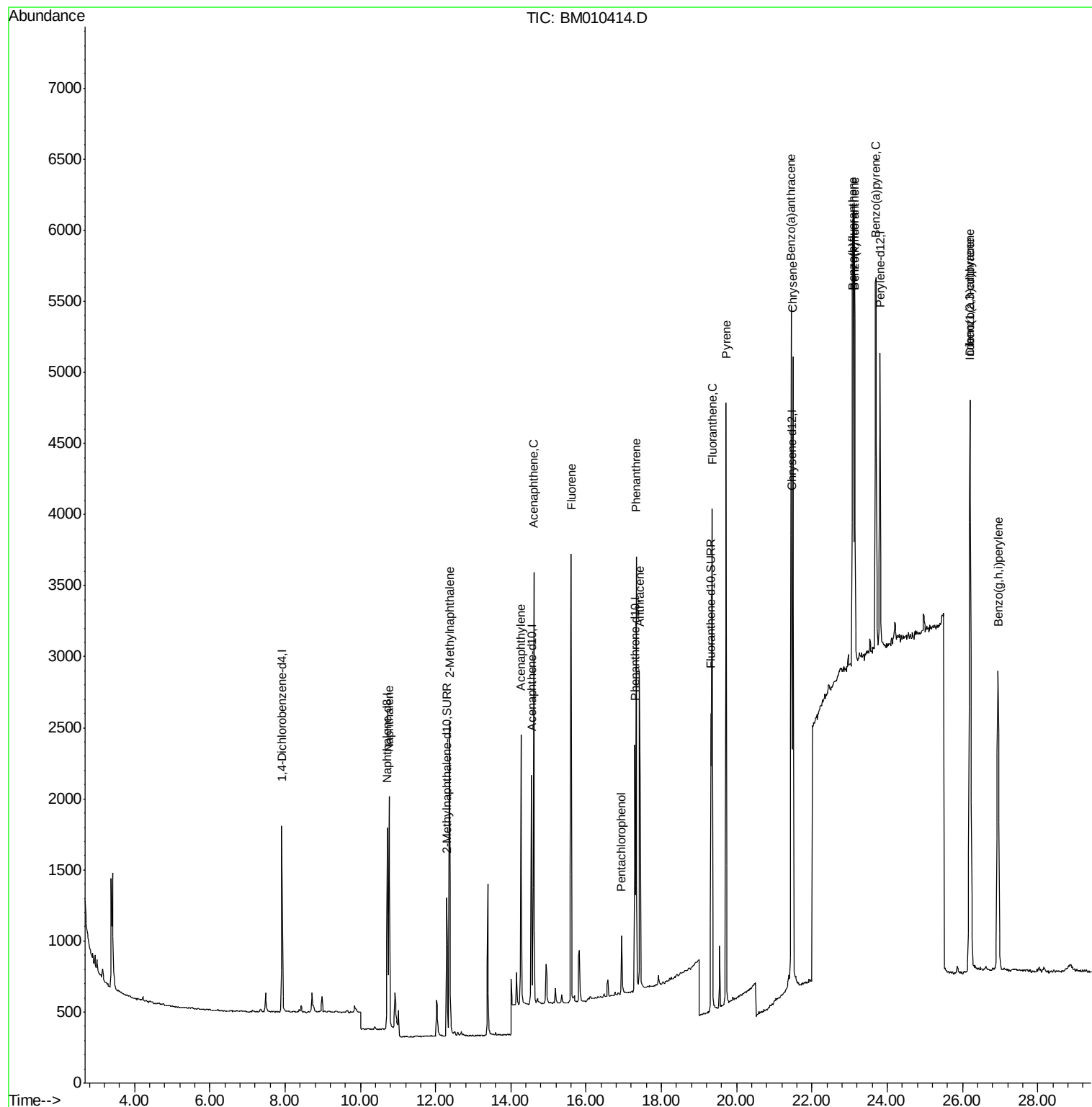
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	731	0.40	ng/ul	0.00
2) Naphthalene-d8	10.72	136	2186	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	1215	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	2577	0.40	ng/ul	0.00
16) Chrysene-d12	21.46	240	2445	0.40	ng/ul	0.00
20) Perylene-d12	23.81	264	2820	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	1301	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.31	212	2747	0.40	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.77	128	2262	0.392	ng/ul	98
5) 2-Methylnaphthalene	12.37	142	1631	0.401	ng/ul	100
7) Acenaphthylene	14.26	152	2435	0.401	ng/ul	96
8) Acenaphthene	14.61	153	1794	0.391	ng/ul	98
9) Fluorene	15.60	166	2088	0.380	ng/ul	96
11) Pentachlorophenol	16.94	266	410	0.416	ng/ul	96
12) Phenanthrene	17.33	178	3333	0.402	ng/ul	96
13) Anthracene	17.42	178	3115	0.402	ng/ul	98
15) Fluoranthene	19.35	202	4079	0.397	ng/ul	92
17) Pyrene	19.71	202	4205	0.404	ng/ul	96
18) Benzo(a)anthracene	21.44	228	4162	0.419	ng/ul	95
19) Chrysene	21.49	228	3807	0.396	ng/ul	92
21) Benzo(b)fluoranthene	23.09	252	4796	0.389	ng/ul	85
22) Benzo(k)fluoranthene	23.13	252	4403	0.375	ng/ul#	84
23) Benzo(a)pyrene	23.69	252	4557	0.390	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.19	276	5745	0.374	ng/ul#	91
25) Dibenzo(a,h)anthracene	26.20	278	4486	0.367	ng/ul	94
26) Benzo(g,h,i)perylene	26.94	276	4854	0.367	ng/ul#	93

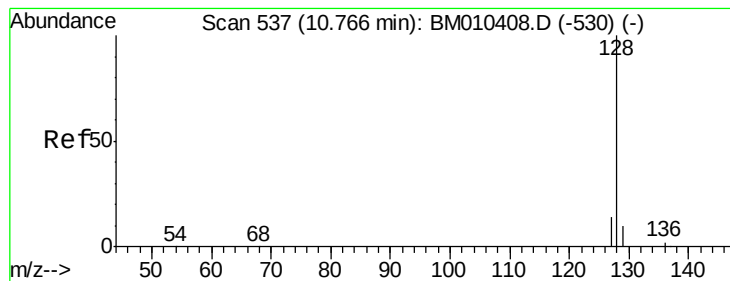
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.392 ng/ul

RT: 10.77 min Scan# 537

Delta R.T. 0.00 min

Lab File: BM010414.D

Acq: 05 Jun 2017 08:44

Instrument :

BNA_M

ClientSampleId :

SSTD0.420

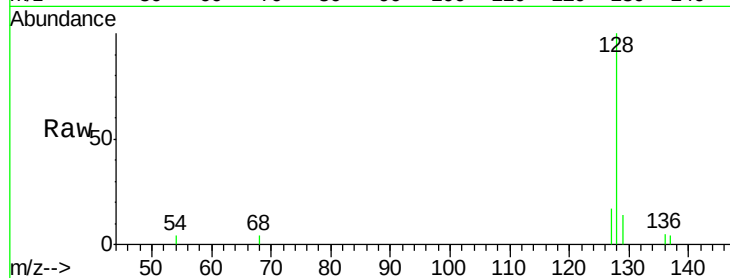
Tgt Ion:128 Resp: 2262

Ion Ratio Lower Upper

128 100

129 14.0 11.3 16.9

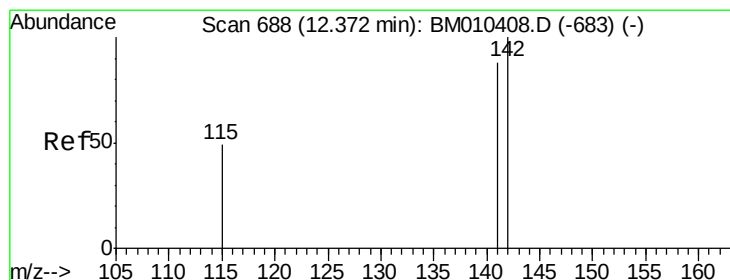
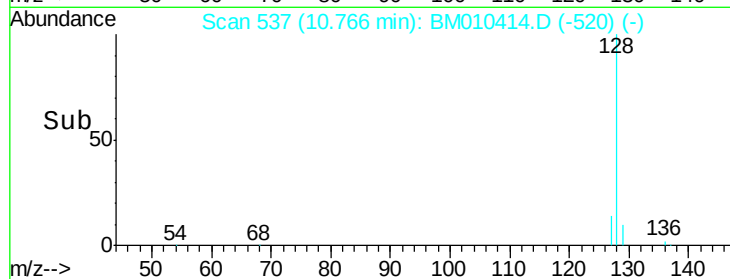
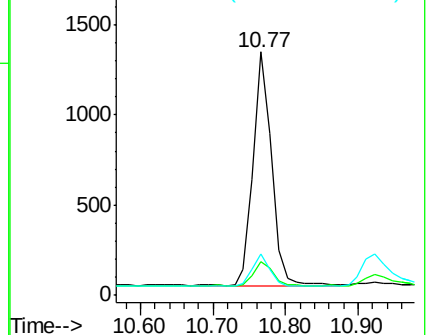
127 17.2 12.8 19.2



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: 0.401 ng/ul

RT: 12.37 min Scan# 688

Delta R.T. 0.00 min

Lab File: BM010414.D

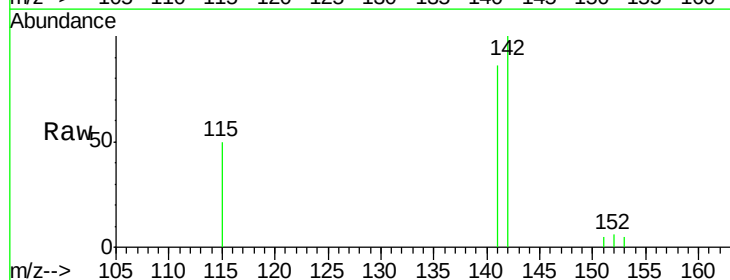
Acq: 05 Jun 2017 08:44

Tgt Ion:142 Resp: 1631

Ion Ratio Lower Upper

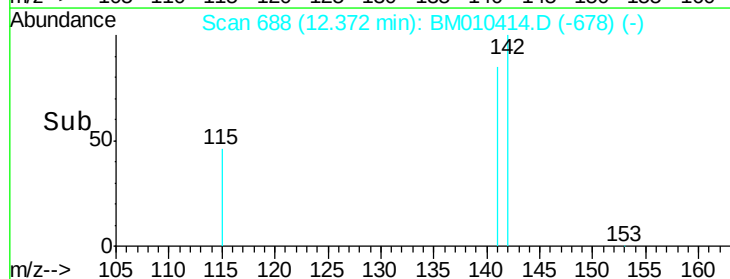
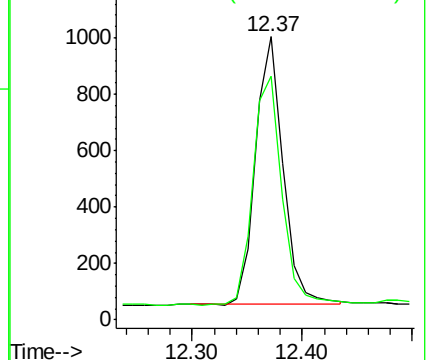
142 100

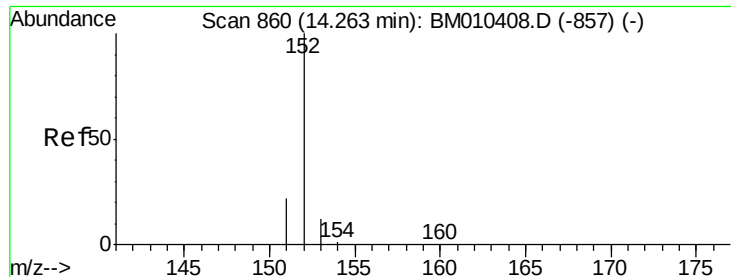
141 90.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.401 ng/ul

RT: 14.26 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM010414.D

Acq: 05 Jun 2017 08:44

Instrument :

BNA_M

ClientSampleId :

SSTD0.420

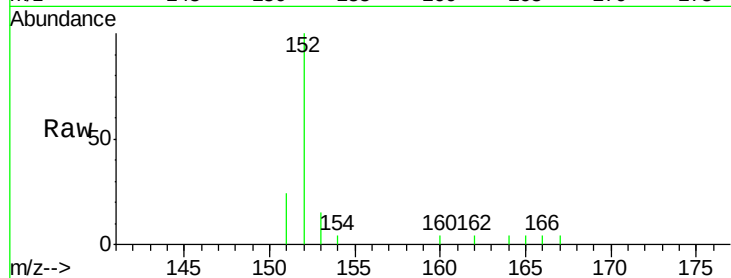
Tgt Ion:152 Resp: 2435

Ion Ratio Lower Upper

152 100

151 24.0 17.1 25.7

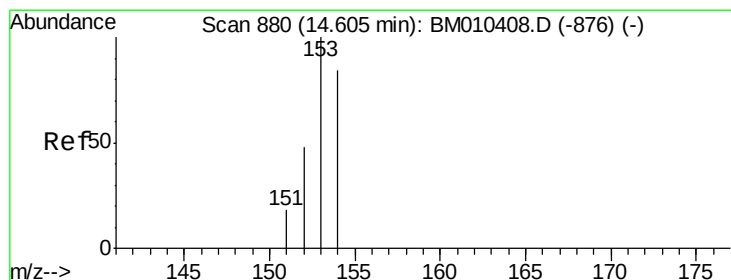
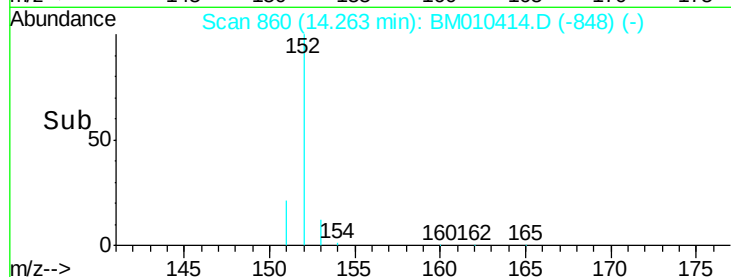
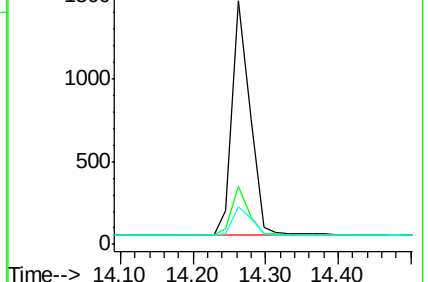
153 15.4 12.8 19.2



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: 0.391 ng/ul

RT: 14.61 min Scan# 880

Delta R.T. 0.00 min

Lab File: BM010414.D

Acq: 05 Jun 2017 08:44

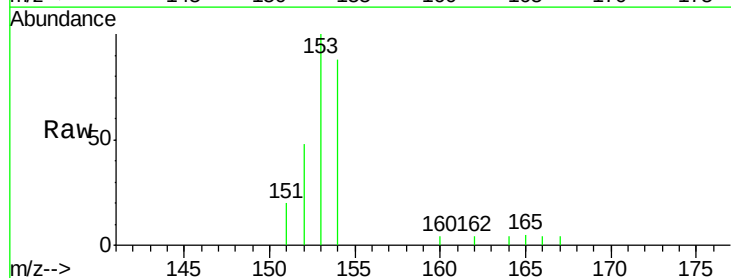
Tgt Ion:153 Resp: 1794

Ion Ratio Lower Upper

153 100

152 48.4 40.3 60.5

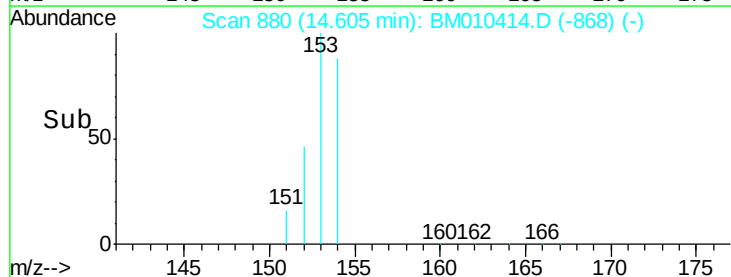
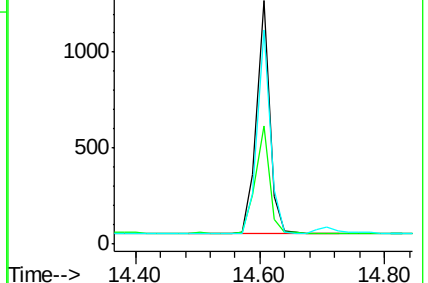
154 88.1 71.4 107.2

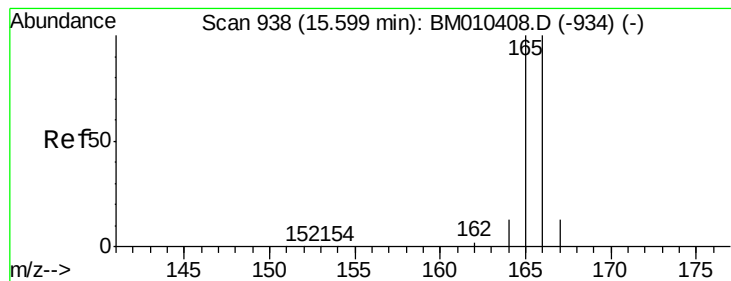


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.380 ng/ul

RT: 15.60 min Scan# 938

Delta R.T. 0.00 min

Lab File: BM010414.D

Acq: 05 Jun 2017 08:44

Instrument :

BNA_M

ClientSampleId :

SSTD0.420

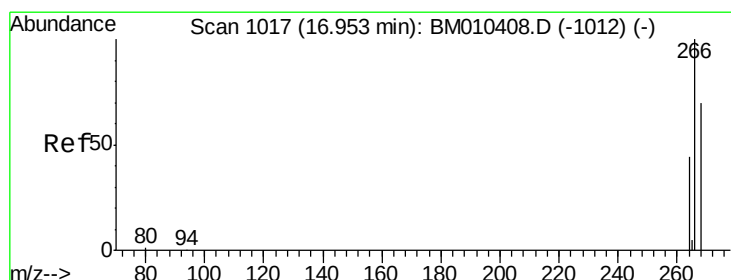
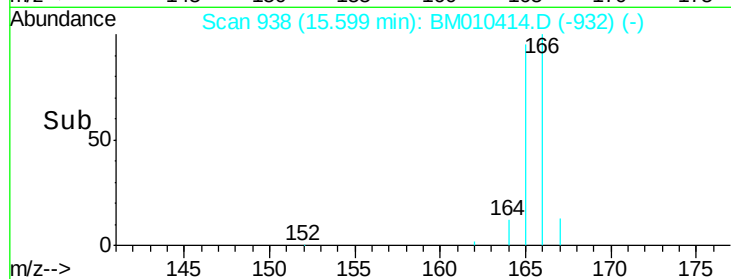
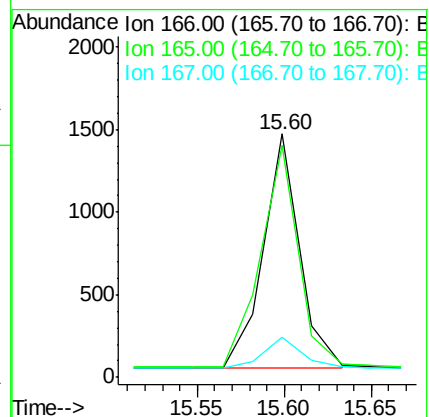
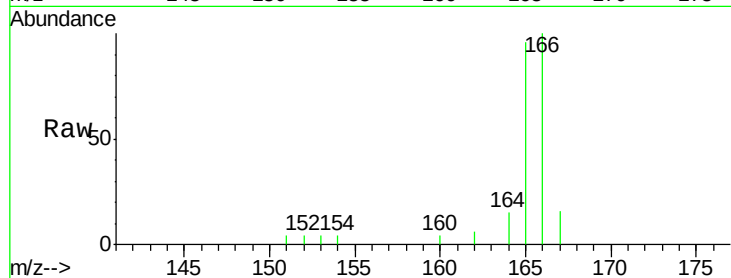
Tgt Ion:166 Resp: 2088

Ion Ratio Lower Upper

166 100

165 95.6 73.4 110.2

167 16.4 14.6 22.0



#11

Pentachlorophenol

Concen: 0.416 ng/ul

RT: 16.94 min Scan# 1016

Delta R.T. -0.02 min

Lab File: BM010414.D

Acq: 05 Jun 2017 08:44

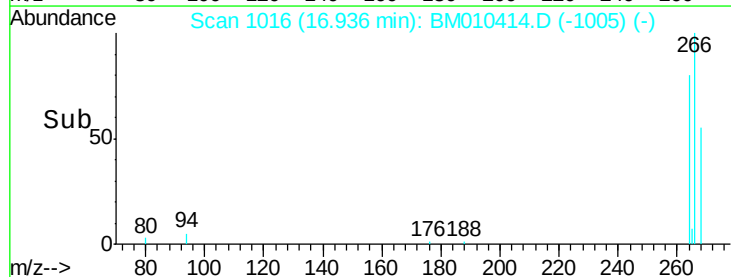
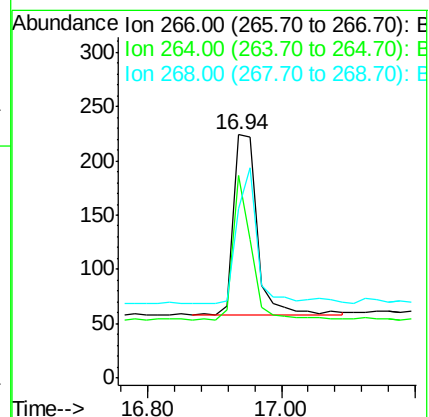
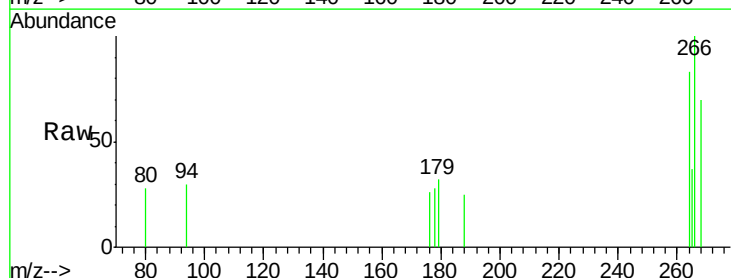
Tgt Ion:266 Resp: 410

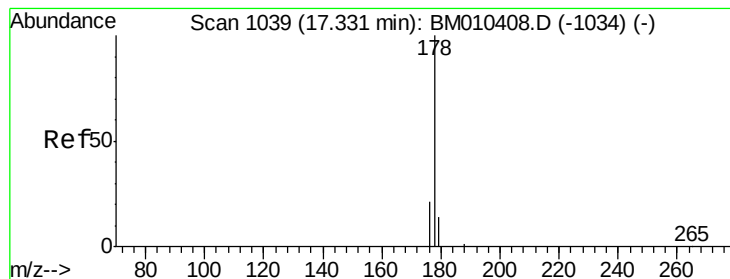
Ion Ratio Lower Upper

266 100

264 62.2 47.9 71.9

268 66.6 49.8 74.8





#12

Phenanthrene

Concen: 0.402 ng/ul

RT: 17.33 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BM010414.D

Acq: 05 Jun 2017 08:44

Instrument :

BNA_M

ClientSampleId :

SSTD0.420

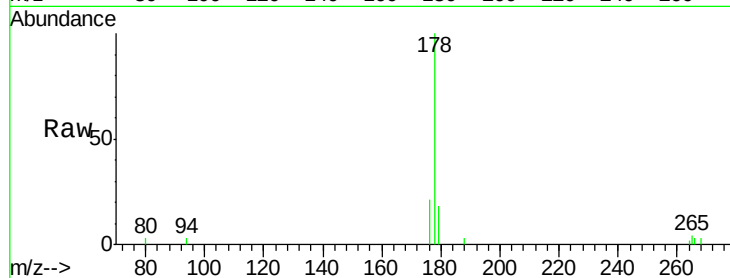
Tgt Ion:178 Resp: 3333

Ion Ratio Lower Upper

178 100

176 20.8 18.4 27.6

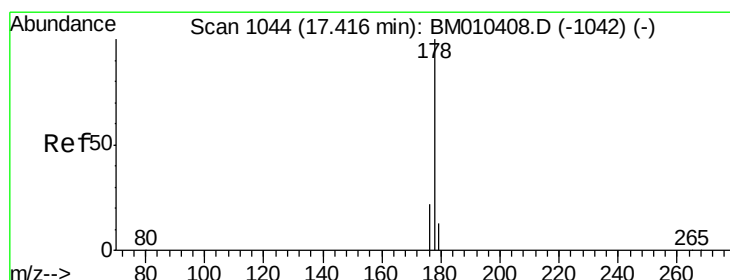
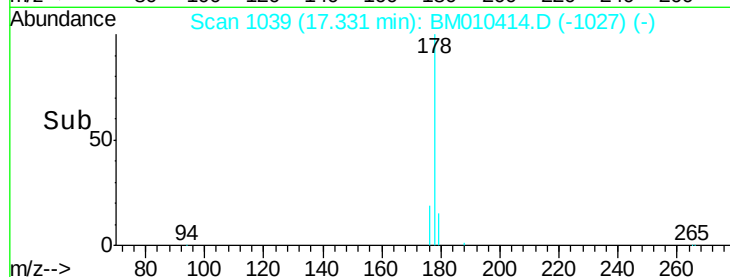
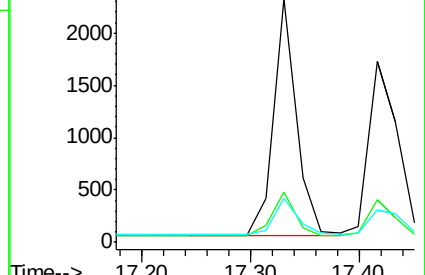
179 18.1 13.6 20.4



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



#13

Anthracene

Concen: 0.402 ng/ul

RT: 17.42 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BM010414.D

Acq: 05 Jun 2017 08:44

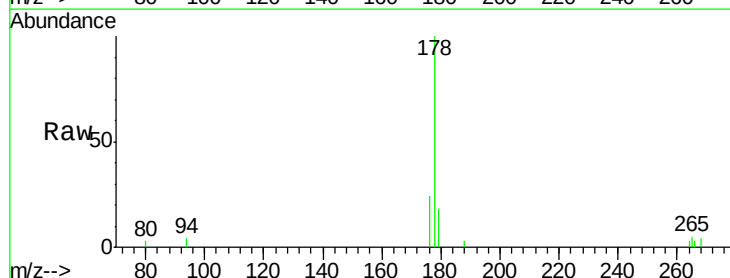
Tgt Ion:178 Resp: 3115

Ion Ratio Lower Upper

178 100

176 23.7 18.1 27.1

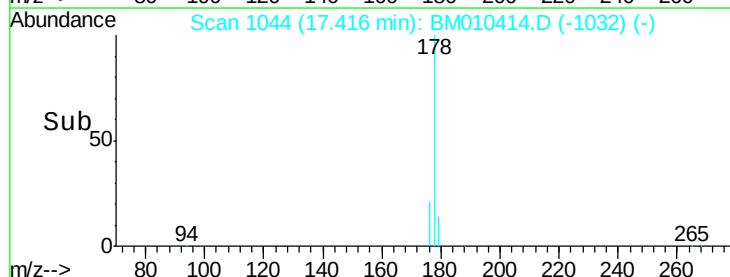
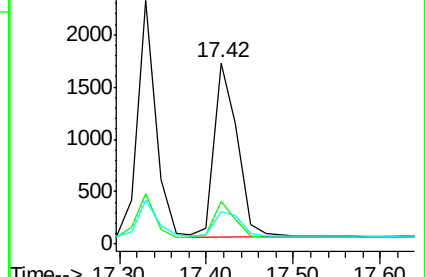
179 17.7 14.7 22.1

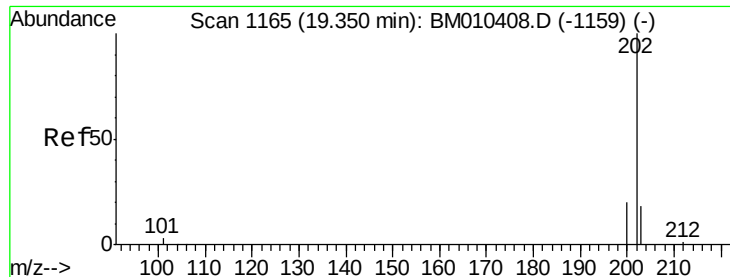


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.397 ng/ul

RT: 19.35 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BM010414.D

Acq: 05 Jun 2017 08:44

Instrument :

BNA_M

ClientSampleId :

SSTD0.420

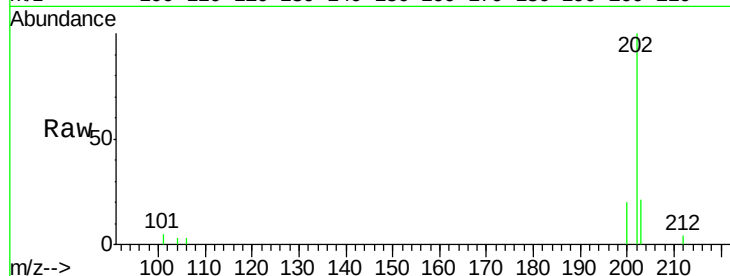
Tgt Ion:202 Resp: 4079

Ion Ratio Lower Upper

202 100

101 5.1 0.0 30.3

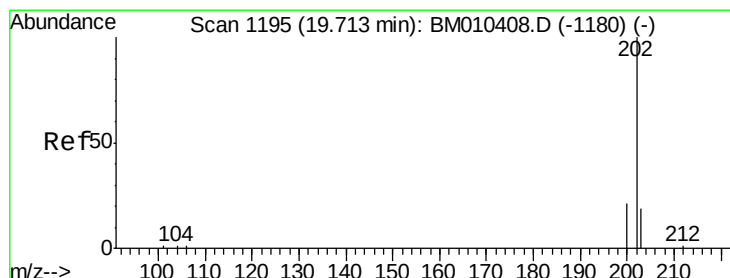
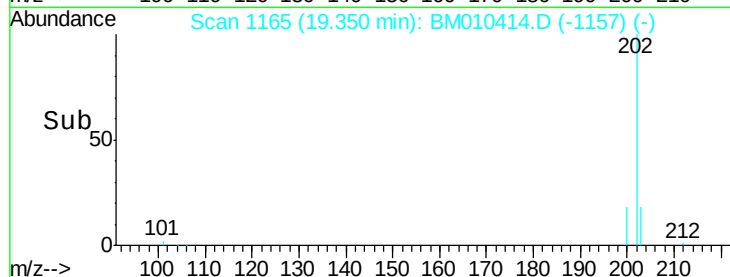
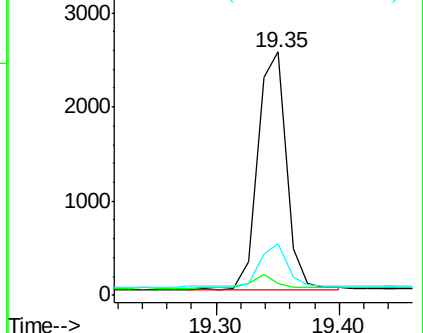
203 21.3 0.0 39.5



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: 0.404 ng/ul

RT: 19.71 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BM010414.D

Acq: 05 Jun 2017 08:44

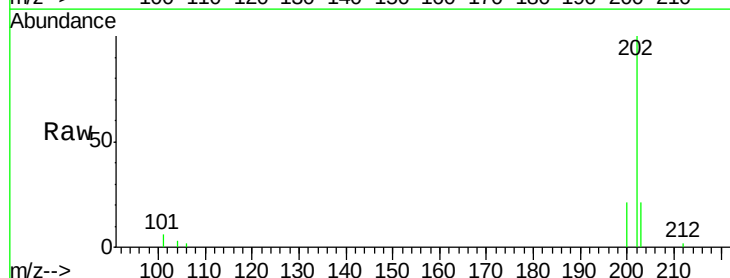
Tgt Ion:202 Resp: 4205

Ion Ratio Lower Upper

202 100

200 20.9 18.2 27.4

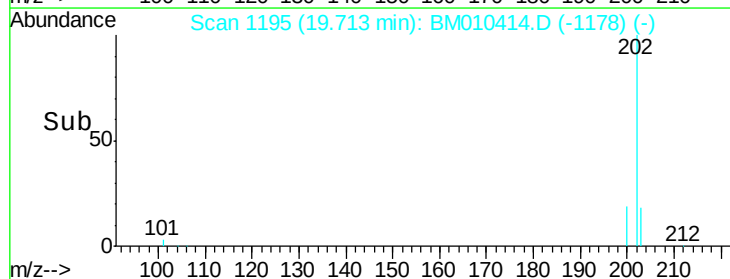
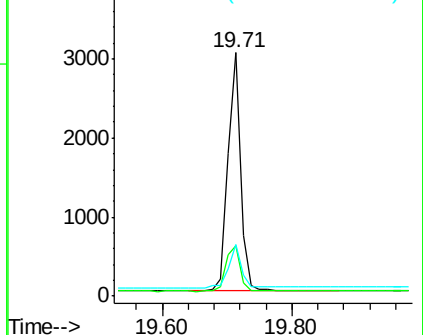
203 21.2 15.6 23.4

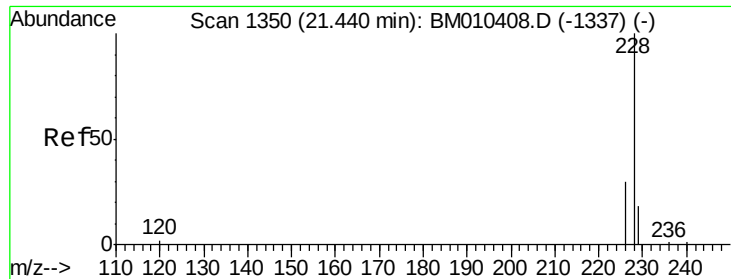


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.419 ng/ul

RT: 21.44 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BM010414.D

Acq: 05 Jun 2017 08:44

Instrument :

BNA_M

ClientSampleId :

SSTD0.420

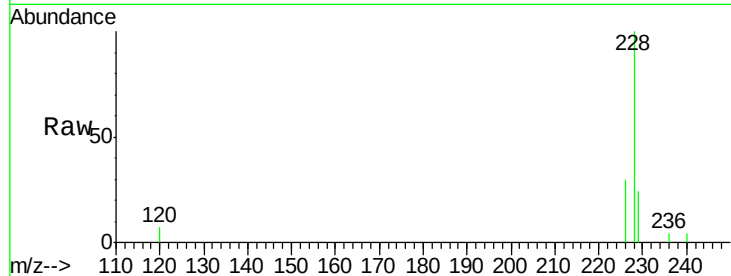
Tgt Ion:228 Resp: 4162

Ion Ratio Lower Upper

228 100

226 30.4 22.8 34.2

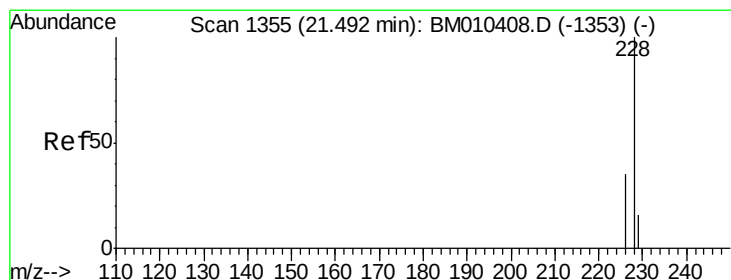
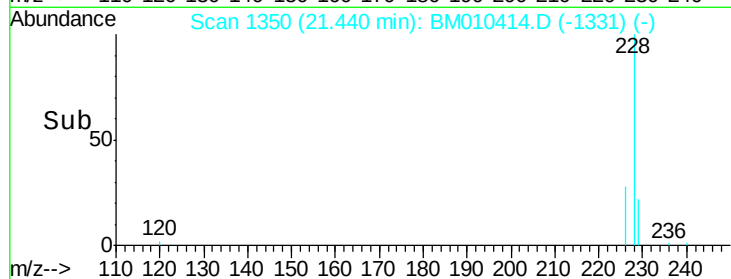
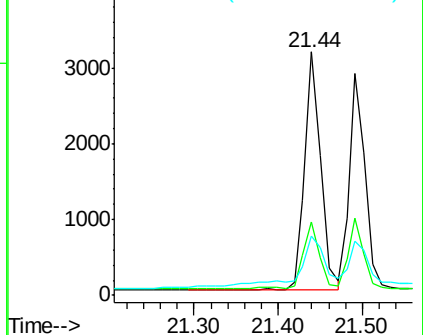
229 24.4 17.0 25.6



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



#19

Chrysene

Concen: 0.396 ng/ul

RT: 21.49 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BM010414.D

Acq: 05 Jun 2017 08:44

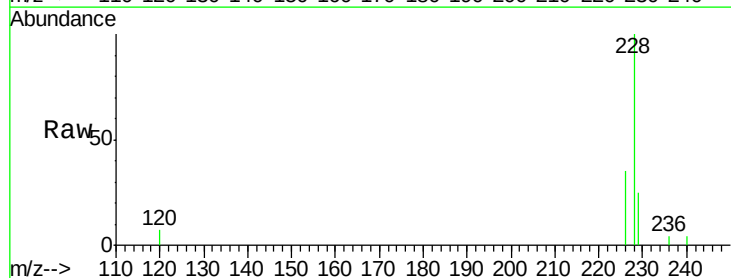
Tgt Ion:228 Resp: 3807

Ion Ratio Lower Upper

228 100

226 34.8 23.4 35.0

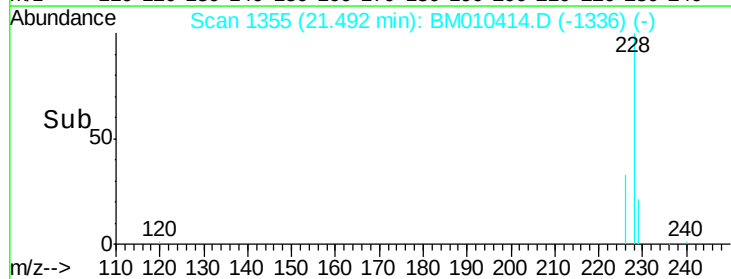
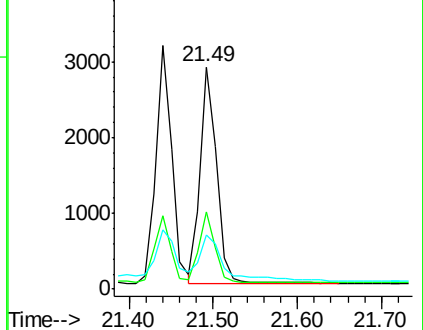
229 24.7 17.7 26.5

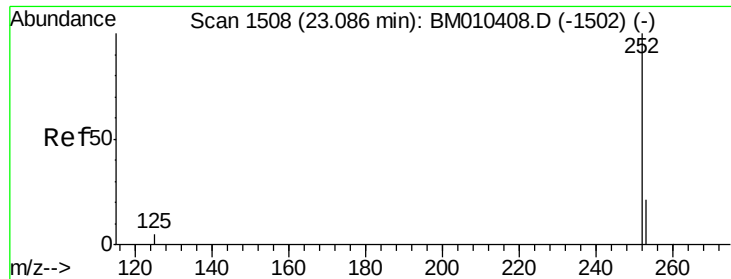


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.389 ng/ul

RT: 23.09 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BM010414.D

Acq: 05 Jun 2017 08:44

Instrument :

BNA_M

ClientSampleId :

SSTD0.420

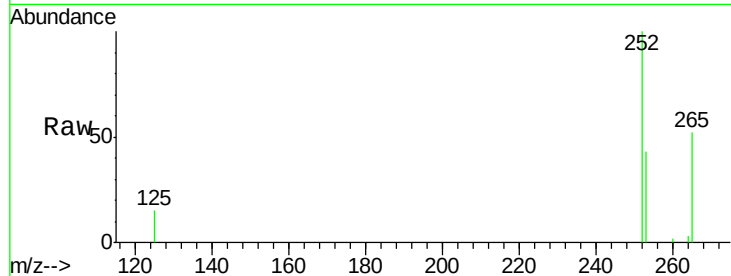
Tgt Ion:252 Resp: 4796

Ion Ratio Lower Upper

252 100

253 43.3 0.0 64.2

125 14.9 0.0 35.0

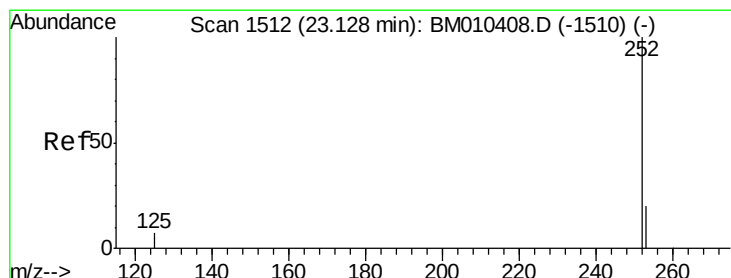
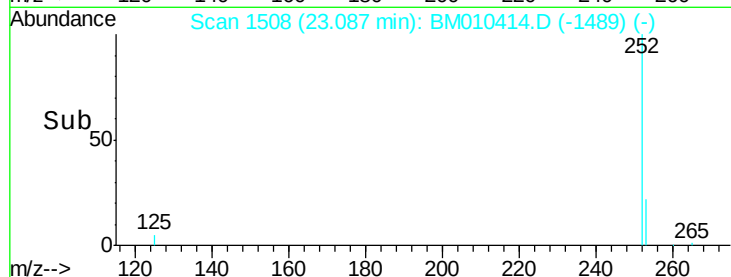
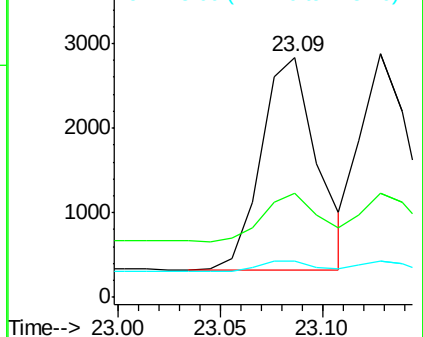


Abundance

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: 0.375 ng/ul

RT: 23.13 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BM010414.D

Acq: 05 Jun 2017 08:44

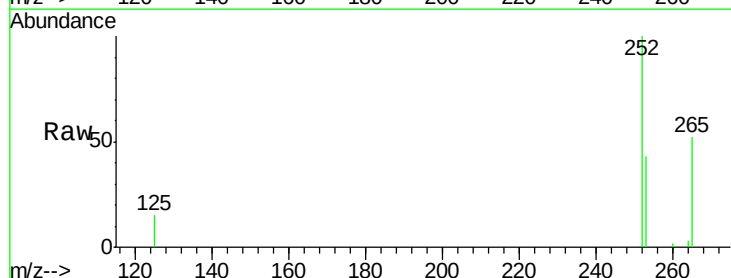
Tgt Ion:252 Resp: 4403

Ion Ratio Lower Upper

252 100

253 42.8 24.5 36.7#

125 15.0 13.7 20.5

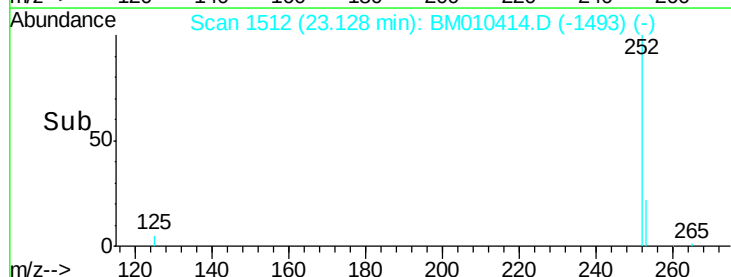
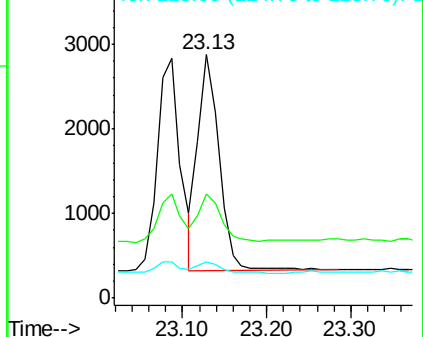


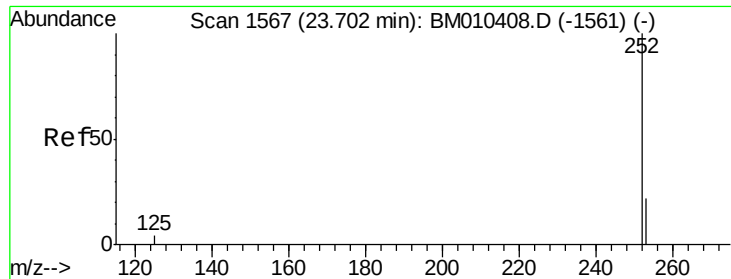
Abundance

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: 0.390 ng/ul

RT: 23.69 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BM010414.D

Acq: 05 Jun 2017 08:44

Instrument :

BNA_M

ClientSampleId :

SSTD0.420

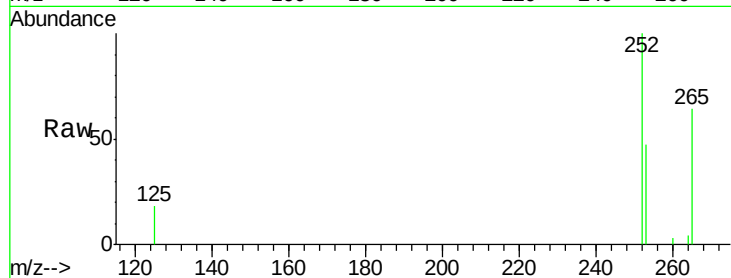
Tgt Ion:252 Resp: 4557

Ion Ratio Lower Upper

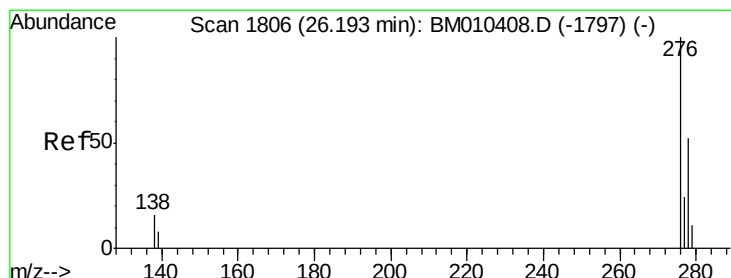
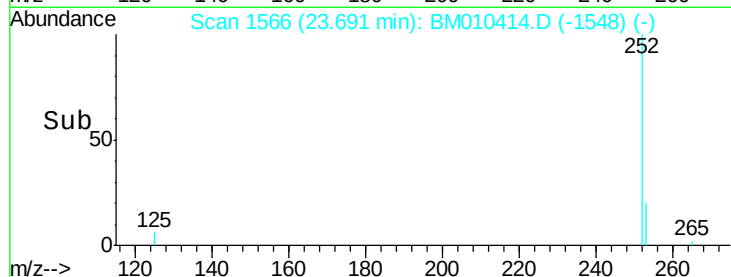
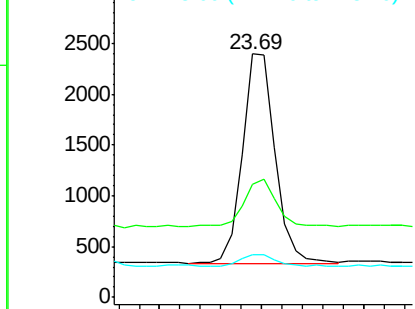
252 100

253 46.6 28.5 42.7#

125 17.6 18.1 27.1#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.374 ng/ul

RT: 26.19 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BM010414.D

Acq: 05 Jun 2017 08:44

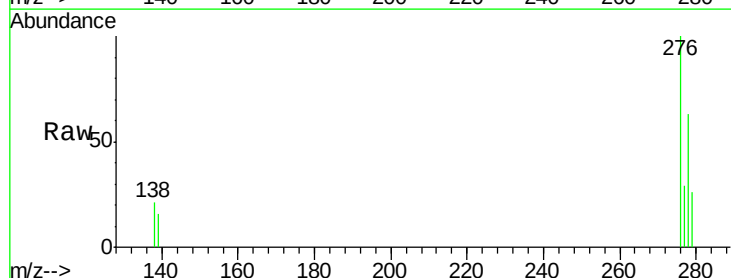
Tgt Ion:276 Resp: 5745

Ion Ratio Lower Upper

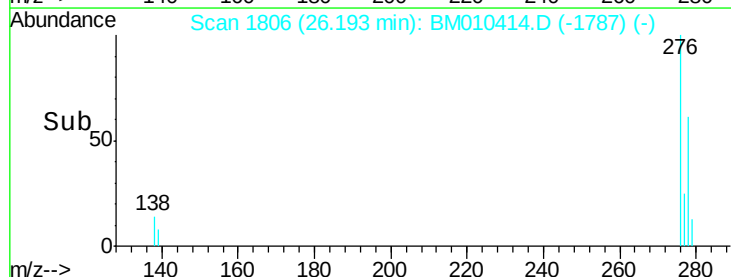
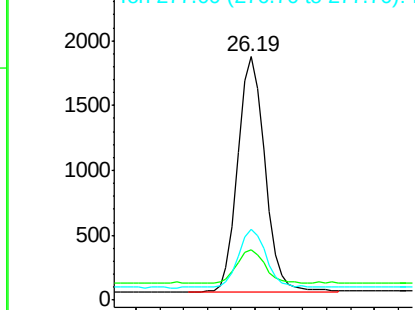
276 100

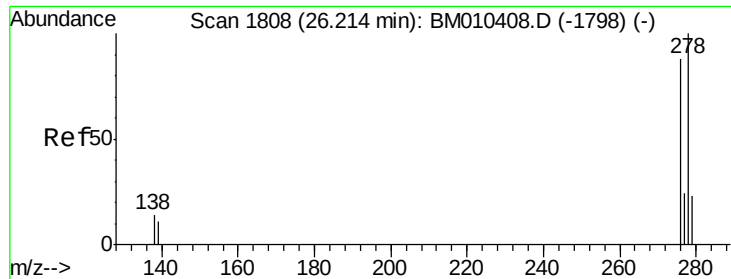
138 15.1 19.1 28.7#

277 24.7 19.6 29.4



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

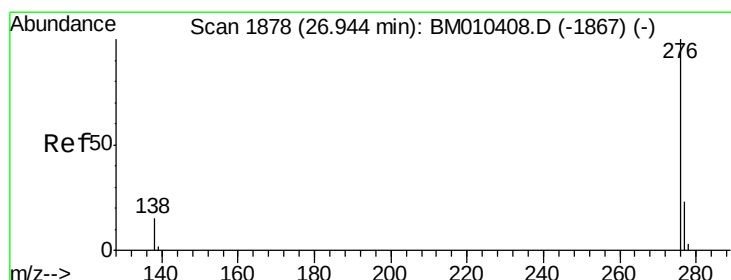
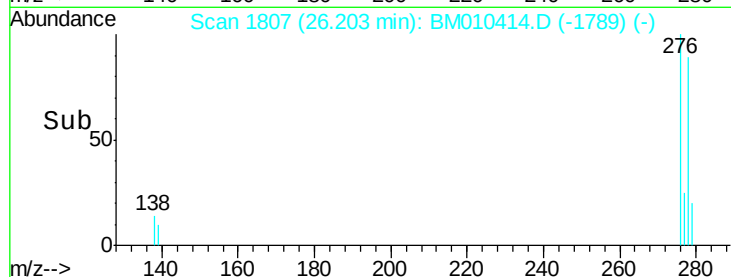
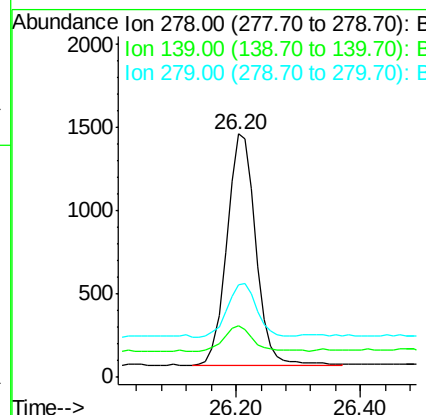
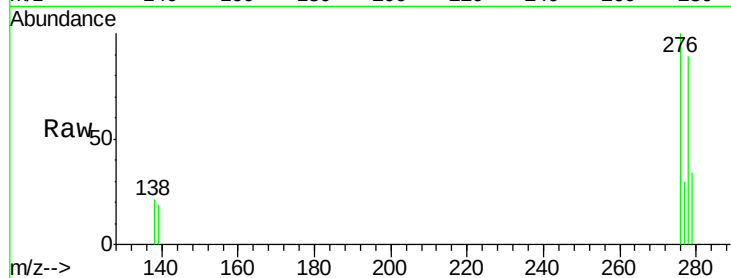




#25
Dibenzo(a,h)anthracene
Concen: 0.367 ng/ul
RT: 26.20 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BM010414.D
Acq: 05 Jun 2017 08:44

Instrument :
BNA_M
ClientSampleId :
SSTD0.420

Tgt Ion: 278 Resp: 4486
Ion Ratio Lower Upper
278 100
139 21.2 17.4 26.0
279 38.0 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.367 ng/ul
RT: 26.94 min Scan# 1878
Delta R.T. 0.00 min
Lab File: BM010414.D
Acq: 05 Jun 2017 08:44

Tgt Ion: 276 Resp: 4854
Ion Ratio Lower Upper
276 100
277 28.7 21.8 32.8
138 20.1 20.5 30.7#

