

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092116\
 Data File : BM007500.D
 Acq On : 21 Sep 2016 20:11
 Operator : UM/SJ
 Sample : SSTDICC0.436
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.436

Quant Time: Sep 22 01:14:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 01:14:24 2016
 Response via : Initial Calibration

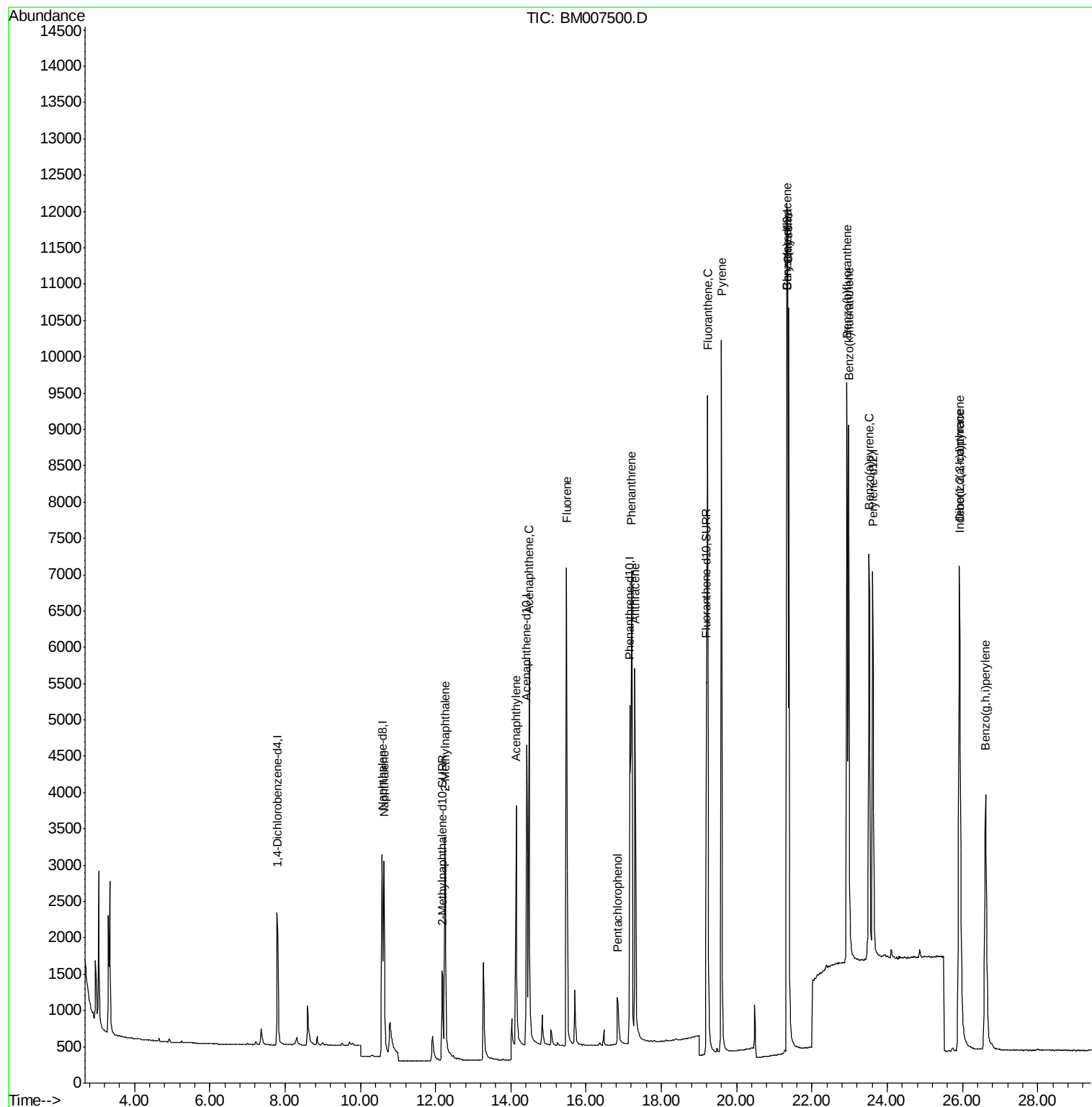
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	1352	0.40	ng/ul	0.00
2) Naphthalene-d8	10.58	136	5142	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	3128	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.16	188	8250	0.40	ng/ul	0.00
16) Chrysene-d12	21.35	240	8791	0.40	ng/ul	0.00
20) Perylene-d12	23.62	264	8183	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.17	152	2412	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.19	212	7632	0.41	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.63	128	4774	0.38	ng/ul	100
5) 2-Methylnaphthalene	12.25	142	3246	0.38	ng/ul	100
7) Acenaphthylene	14.14	152	5242	0.33	ng/ul	100
8) Acenaphthene	14.49	153	4097	0.38	ng/ul	100
9) Fluorene	15.48	166	5163	0.42	ng/ul	100
11) Pentachlorophenol	16.83	266	819	0.39	ng/ul	100
12) Phenanthrene	17.21	178	8887	0.39	ng/ul	100
13) Anthracene	17.30	178	7992	0.37	ng/ul	100
15) Fluoranthene	19.23	202	11061	0.41	ng/ul	100
17) Pyrene	19.59	202	11617	0.41	ng/ul	100
18) Benzo(a)anthracene	21.34	228	10265	0.38	ng/ul	100
19) Chrysene	21.38	228	11372	0.43	ng/ul	100
21) Benzo(b)fluoranthene	22.93	252	11089	0.38	ng/ul	100
22) Benzo(k)fluoranthene	22.97	252	10962	0.44	ng/ul	100
23) Benzo(a)pyrene	23.51	252	10086	0.40	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	25.91	276	10319	0.34	ng/ul	100
25) Dibenzo(a,h)anthracene	25.92	278	7843	0.33	ng/ul	100
26) Benzo(g,h,i)perylene	26.61	276	9361	0.36	ng/ul	100

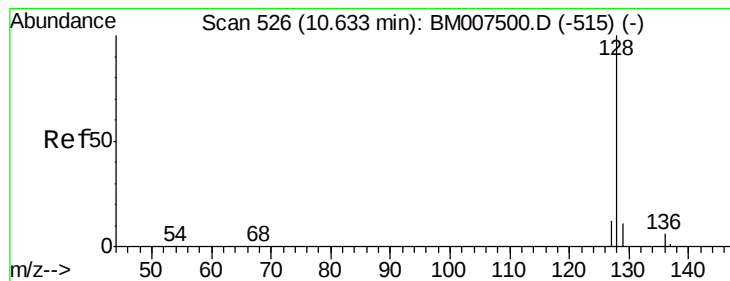
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.38 ng/ul

RT: 10.63 min Scan# 526

Delta R.T. 0.00 min

Lab File: BM007500.D

Acq: 21 Sep 2016 20:11

Instrument :

BNA_M

ClientSampleId :

SSTD0.436

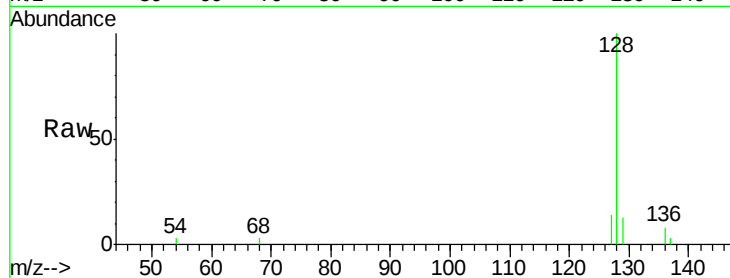
Tgt Ion:128 Resp: 4774

Ion Ratio Lower Upper

128 100

129 13.4 10.7 16.1

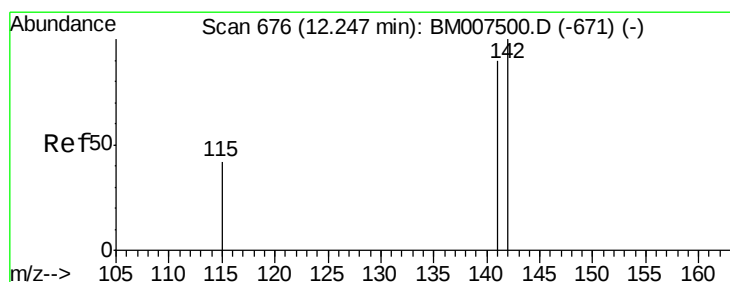
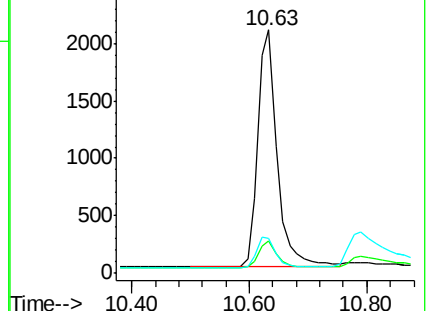
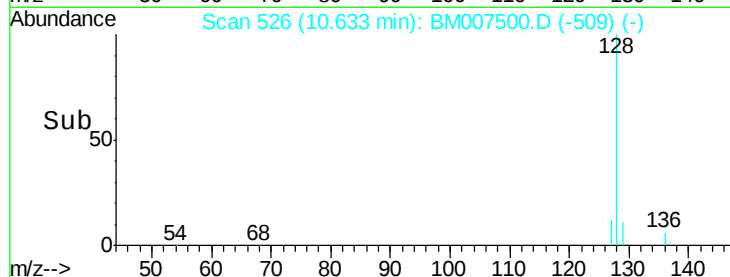
127 14.1 11.3 16.9



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: 0.38 ng/ul

RT: 12.25 min Scan# 676

Delta R.T. 0.00 min

Lab File: BM007500.D

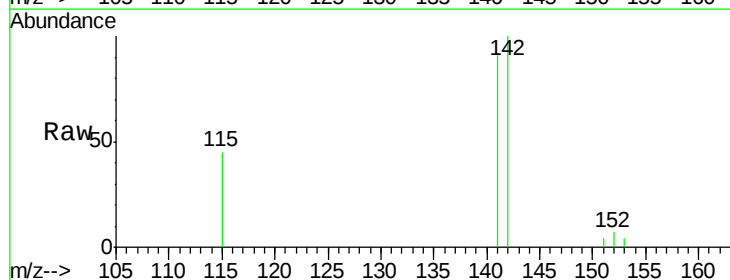
Acq: 21 Sep 2016 20:11

Tgt Ion:142 Resp: 3246

Ion Ratio Lower Upper

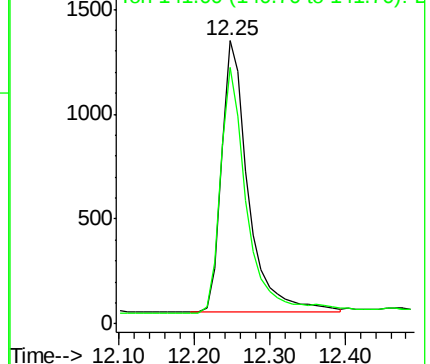
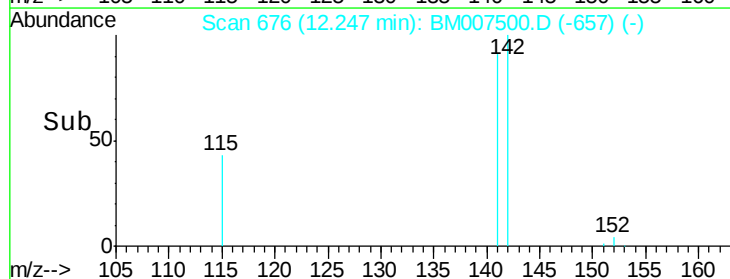
142 100

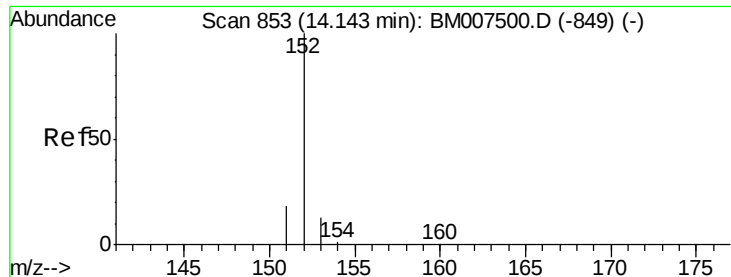
141 90.6 72.5 108.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.33 ng/ul

RT: 14.14 min Scan# 853

Delta R.T. 0.00 min

Lab File: BM007500.D

Acq: 21 Sep 2016 20:11

Instrument :

BNA_M

ClientSampleId :

SSTD0.436

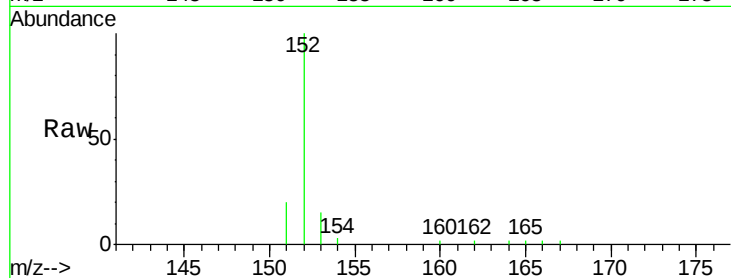
Tgt Ion:152 Resp: 5242

Ion Ratio Lower Upper

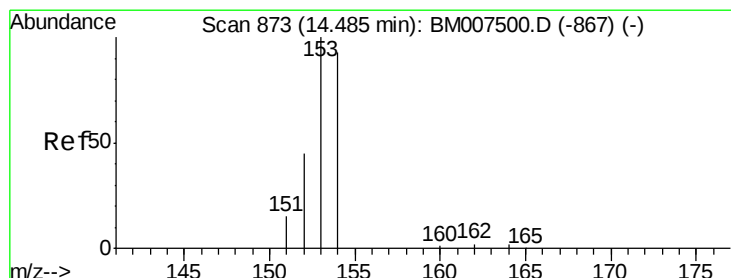
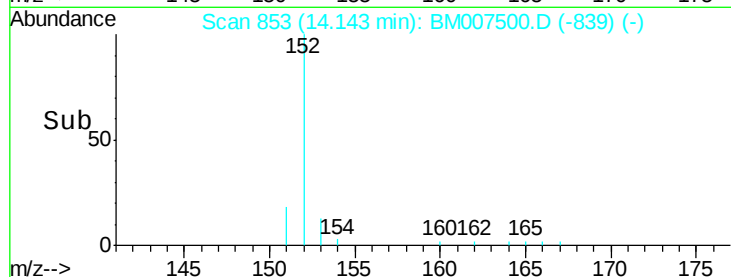
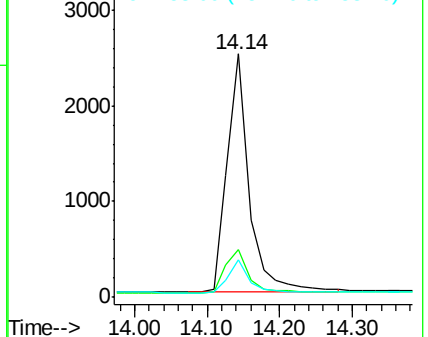
152 100

151 19.8 15.8 23.8

153 15.2 12.2 18.2



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: 0.38 ng/ul

RT: 14.49 min Scan# 873

Delta R.T. 0.00 min

Lab File: BM007500.D

Acq: 21 Sep 2016 20:11

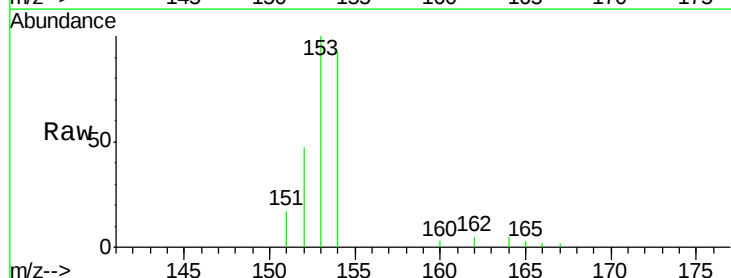
Tgt Ion:153 Resp: 4097

Ion Ratio Lower Upper

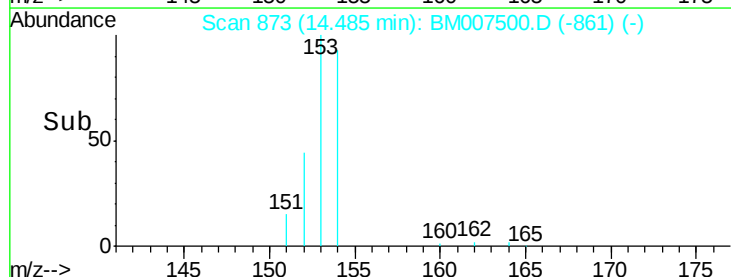
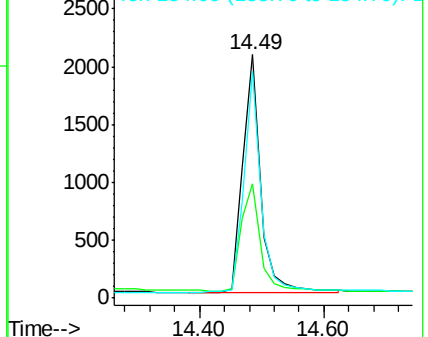
153 100

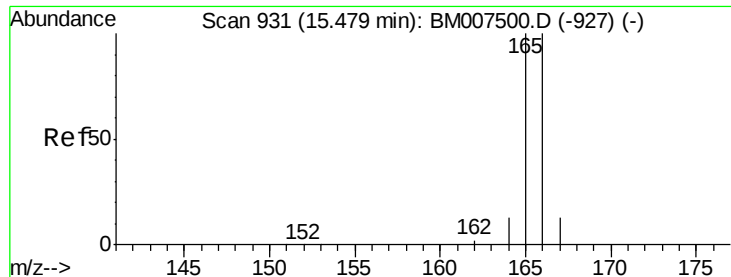
152 47.0 37.6 56.4

154 93.3 74.6 112.0



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

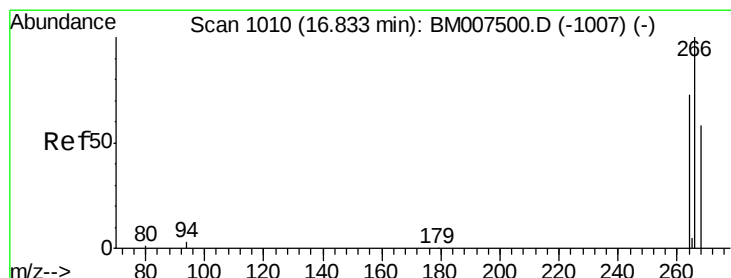
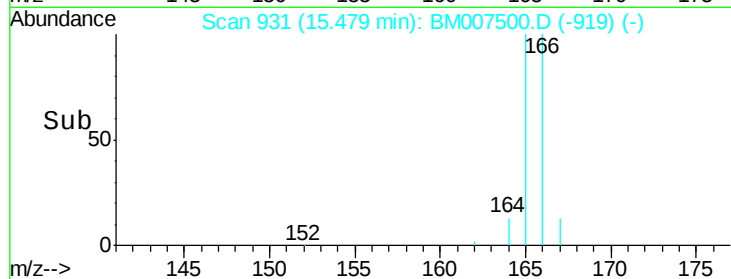
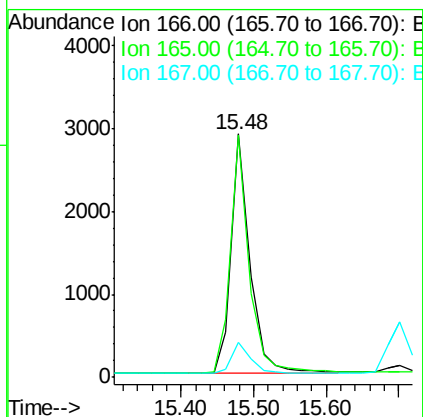
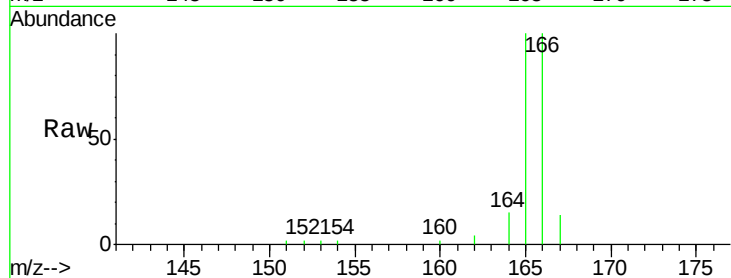




#9
Fluorene
 Concen: 0.42 ng/ul
 RT: 15.48 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BM007500.D
 Acq: 21 Sep 2016 20:11

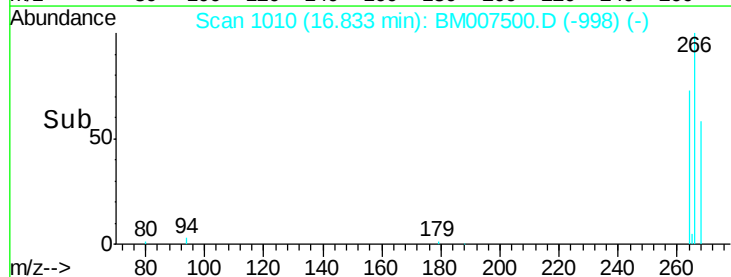
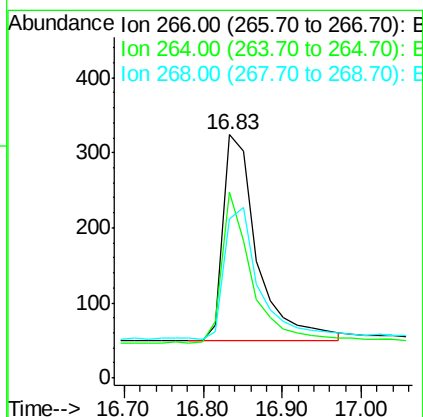
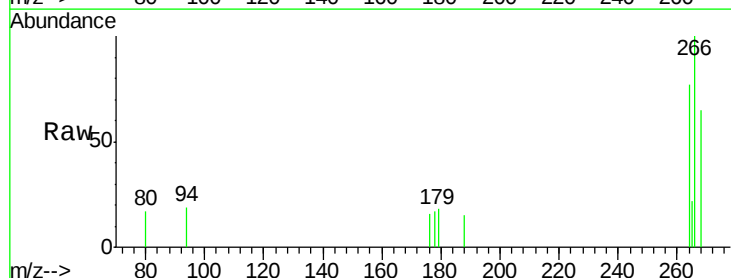
Instrument :
 BNA_M
 ClientSampleId :
 SST0.436

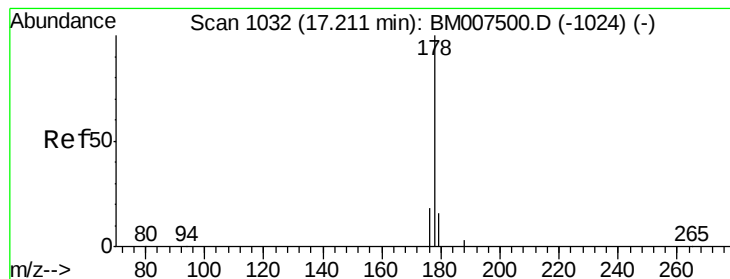
Tgt Ion:166 Resp: 5163
 Ion Ratio Lower Upper
 166 100
 165 99.8 79.8 119.8
 167 14.4 11.5 17.3



#11
Pentachlorophenol
 Concen: 0.39 ng/ul
 RT: 16.83 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BM007500.D
 Acq: 21 Sep 2016 20:11

Tgt Ion:266 Resp: 819
 Ion Ratio Lower Upper
 266 100
 264 64.3 51.4 77.2
 268 66.1 52.9 79.3





#12

Phenanthrene

Concen: 0.39 ng/ul

RT: 17.21 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BM007500.D

Acq: 21 Sep 2016 20:11

Instrument :

BNA_M

ClientSampleId :

SSTD0.436

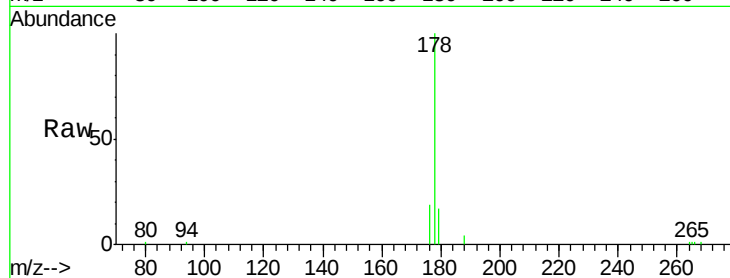
Tgt Ion:178 Resp: 8887

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

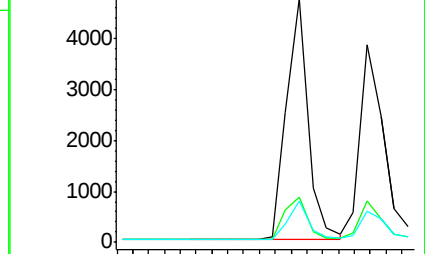
179 17.1 13.7 20.5



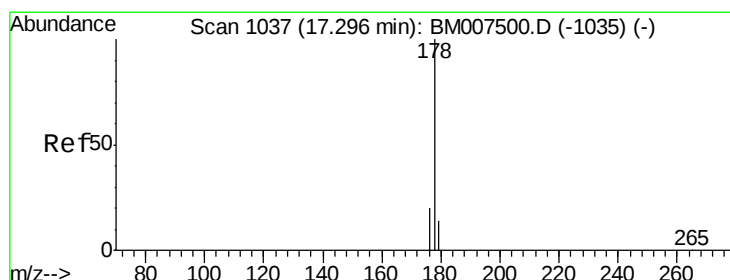
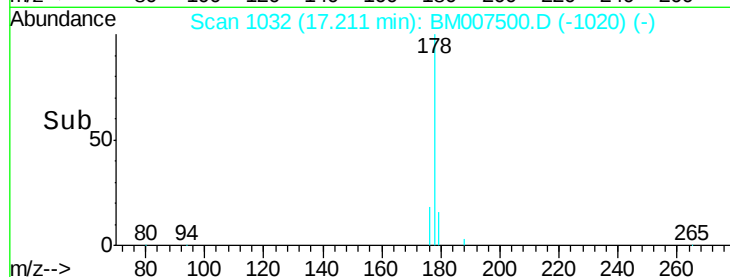
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#13

Anthracene

Concen: 0.37 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BM007500.D

Acq: 21 Sep 2016 20:11

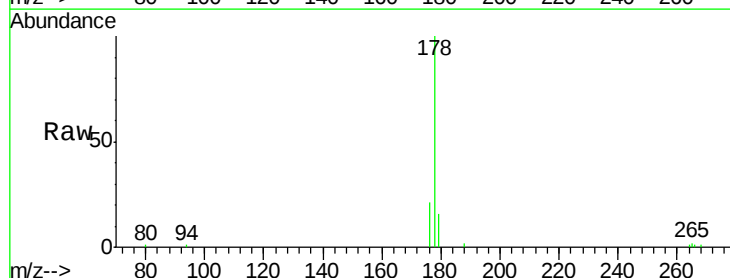
Tgt Ion:178 Resp: 7992

Ion Ratio Lower Upper

178 100

176 20.7 16.6 24.8

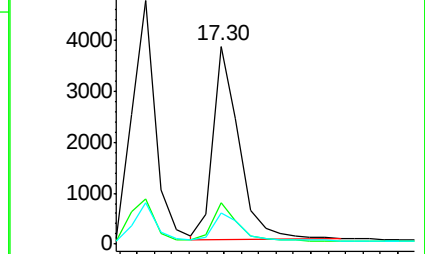
179 15.6 12.5 18.7



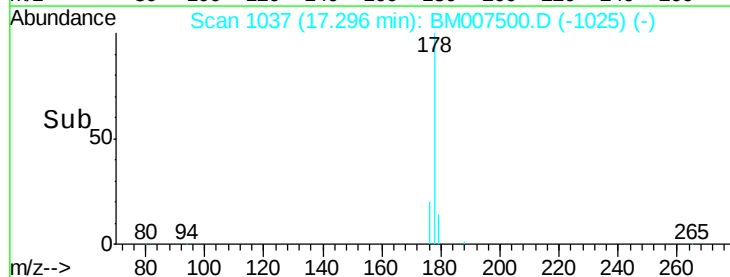
Abundance Ion 178.00 (177.70 to 178.70): E

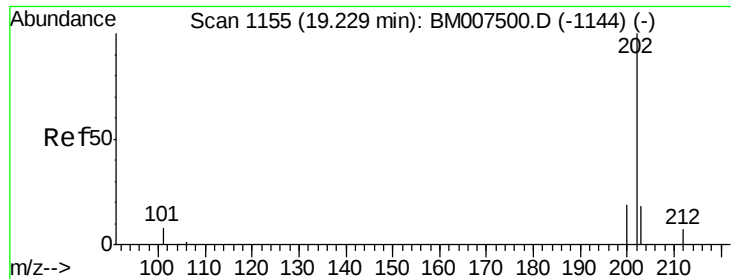
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#15

Fluoranthene

Concen: 0.41 ng/ul

RT: 19.23 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BM007500.D

Acq: 21 Sep 2016 20:11

Instrument :

BNA_M

ClientSampleId :

SSTD0.436

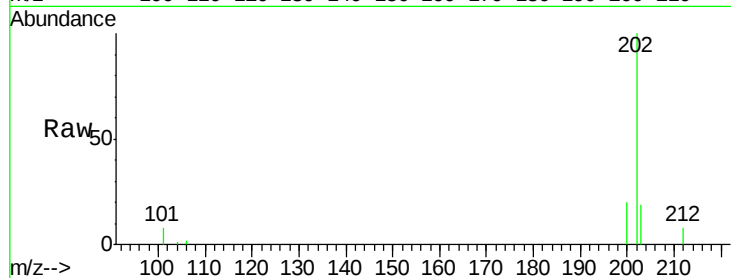
Tgt Ion:202 Resp: 11061

Ion Ratio Lower Upper

202 100

101 8.4 0.0 28.4

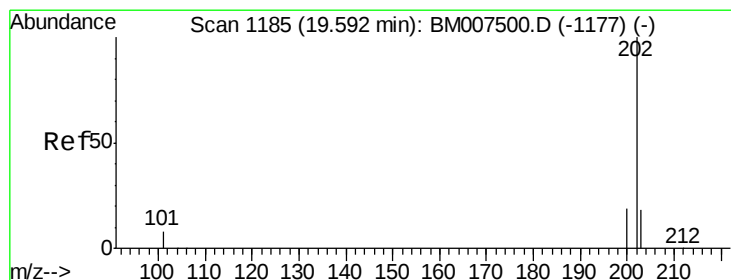
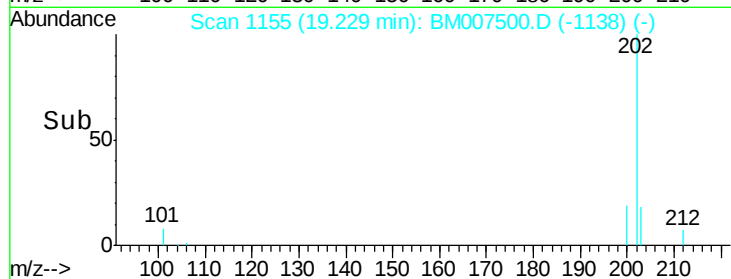
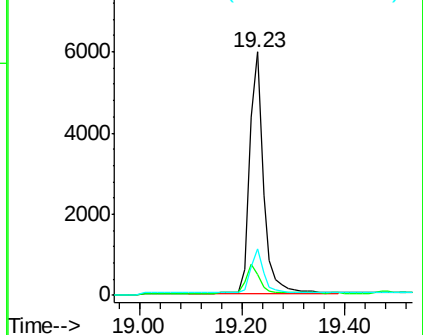
203 19.0 0.0 39.0



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: 19.59 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BM007500.D

Acq: 21 Sep 2016 20:11

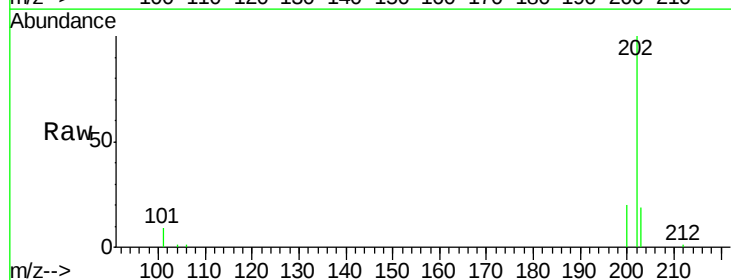
Tgt Ion:202 Resp: 11617

Ion Ratio Lower Upper

202 100

200 19.9 15.9 23.9

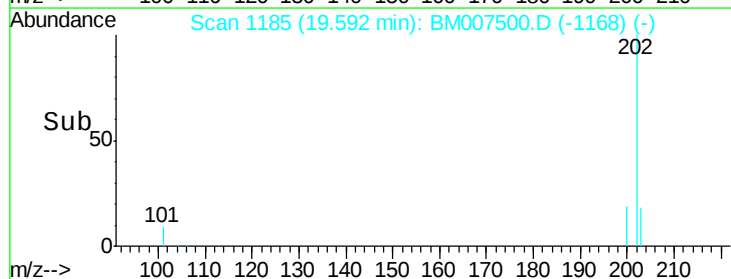
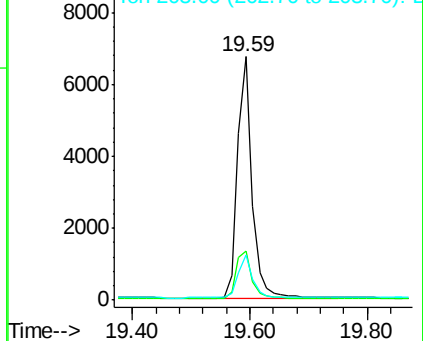
203 18.7 15.0 22.4

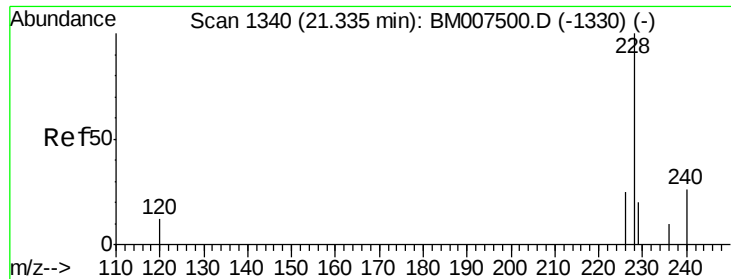


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.38 ng/ul

RT: 21.34 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BM007500.D

Acq: 21 Sep 2016 20:11

Instrument :

BNA_M

ClientSampleId :

SSTD0.436

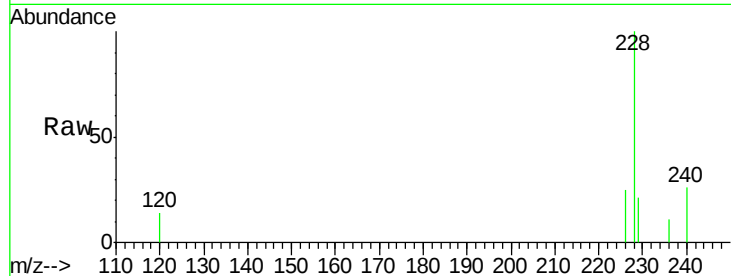
Tgt Ion:228 Resp: 10265

Ion Ratio Lower Upper

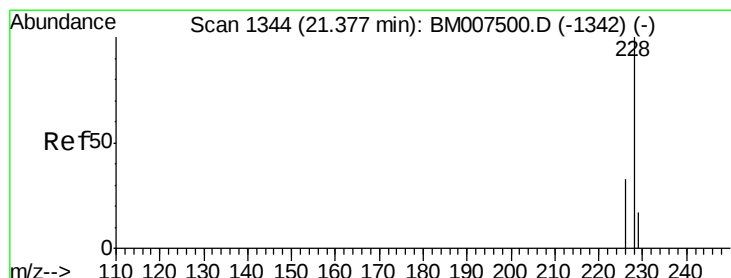
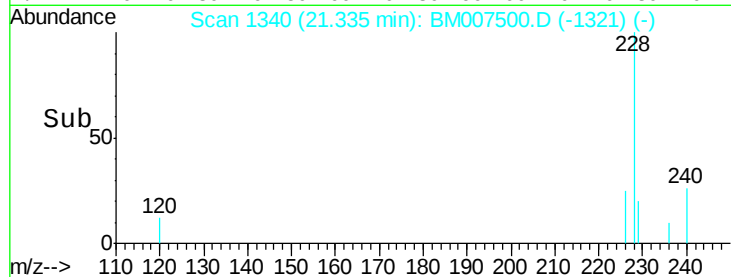
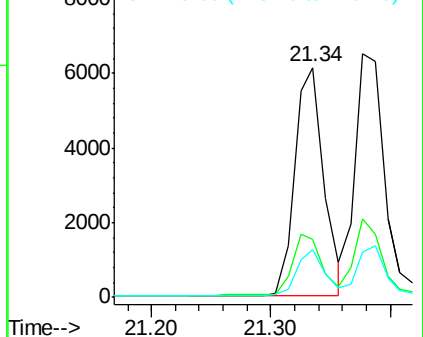
228 100

226 25.3 20.2 30.4

229 20.9 16.7 25.1



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: 0.43 ng/ul

RT: 21.38 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BM007500.D

Acq: 21 Sep 2016 20:11

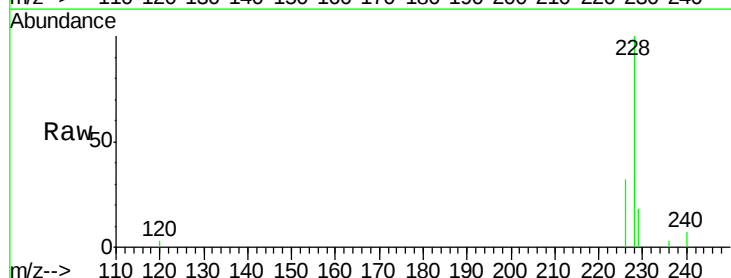
Tgt Ion:228 Resp: 11372

Ion Ratio Lower Upper

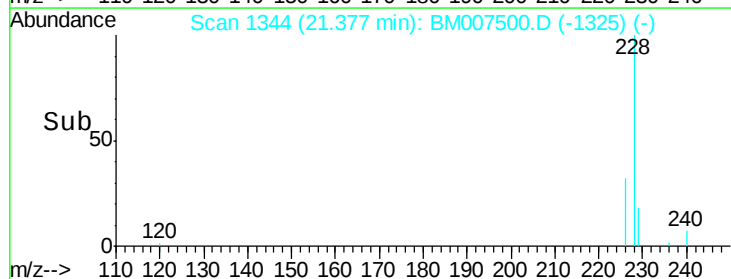
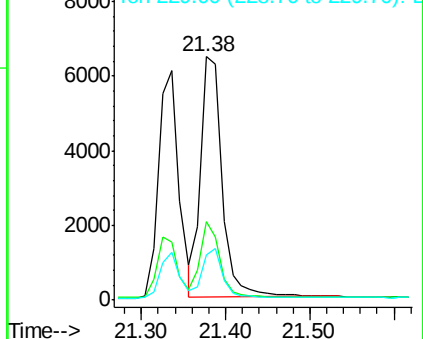
228 100

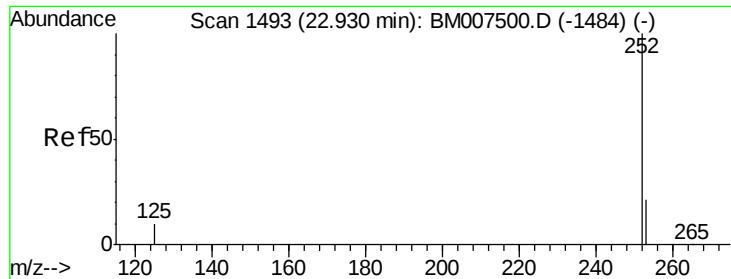
226 32.4 25.9 38.9

229 18.4 14.7 22.1



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: 0.38 ng/ul

RT: 22.93 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BM007500.D

Acq: 21 Sep 2016 20:11

Instrument :

BNA_M

ClientSampleId :

SSTD0.436

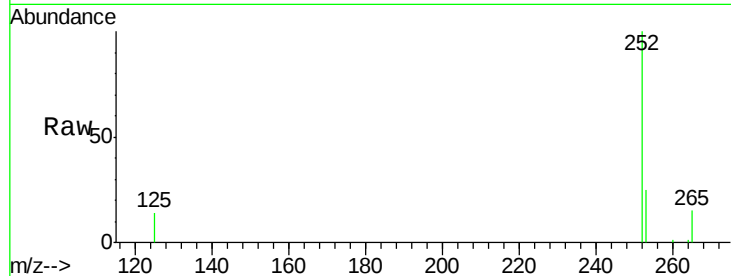
Tgt Ion:252 Resp: 11089

Ion Ratio Lower Upper

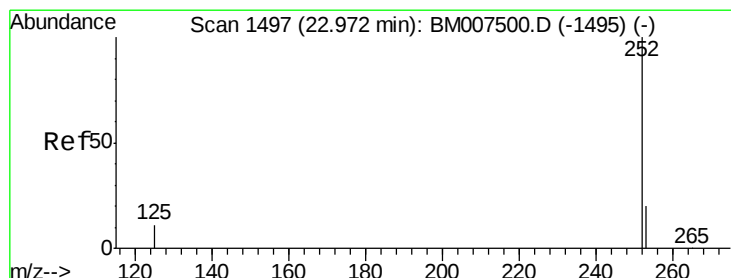
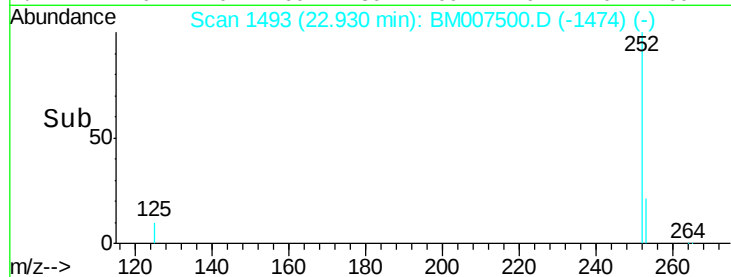
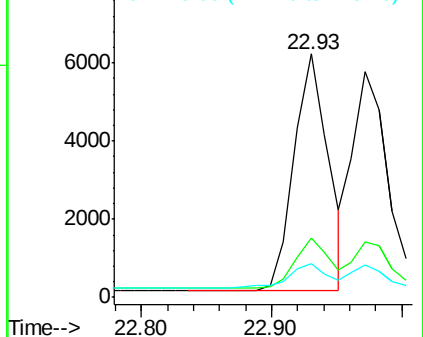
252 100

253 24.6 0.0 49.2

125 13.6 0.0 27.2



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: 0.44 ng/ul

RT: 22.97 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BM007500.D

Acq: 21 Sep 2016 20:11

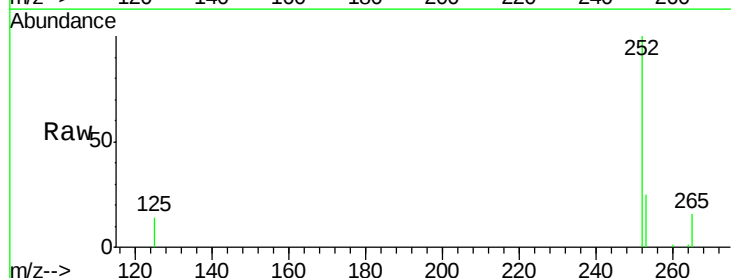
Tgt Ion:252 Resp: 10962

Ion Ratio Lower Upper

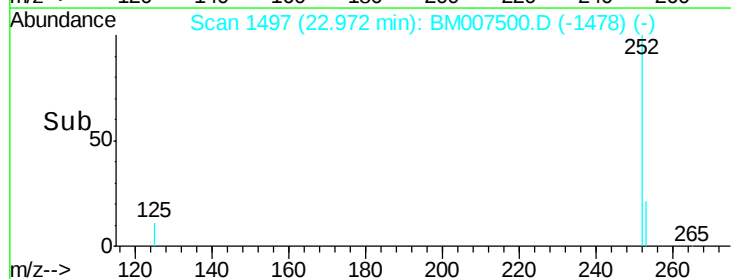
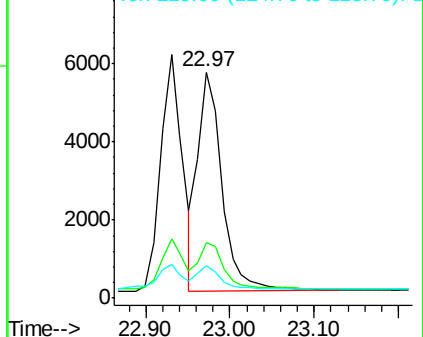
252 100

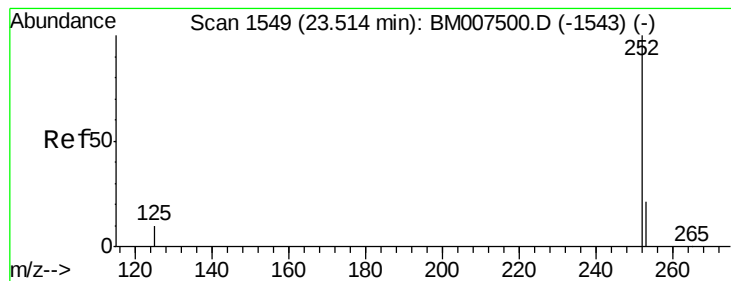
253 24.6 19.7 29.5

125 14.4 11.5 17.3



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: 0.40 ng/ul

RT: 23.51 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BM007500.D

Acq: 21 Sep 2016 20:11

Instrument :

BNA_M

ClientSampleId :

SSTD0.436

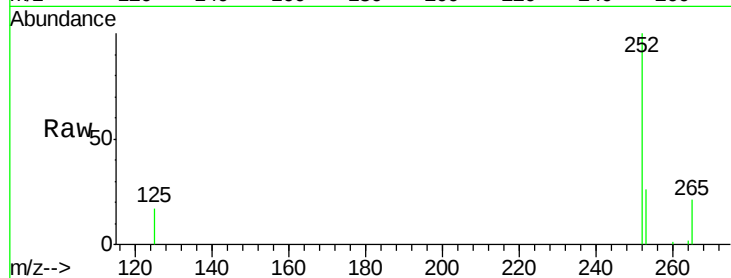
Tgt Ion:252 Resp: 10086

Ion Ratio Lower Upper

252 100

253 25.8 20.6 31.0

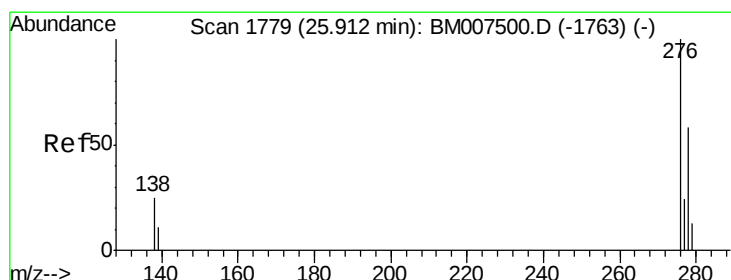
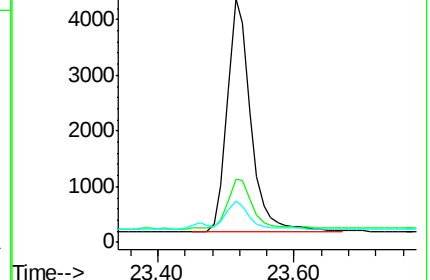
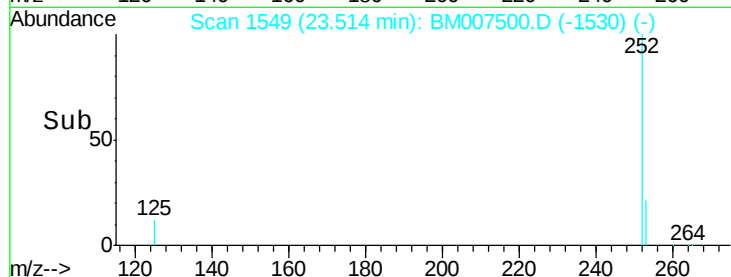
125 16.8 13.4 20.2



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: 0.34 ng/ul

RT: 25.91 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BM007500.D

Acq: 21 Sep 2016 20:11

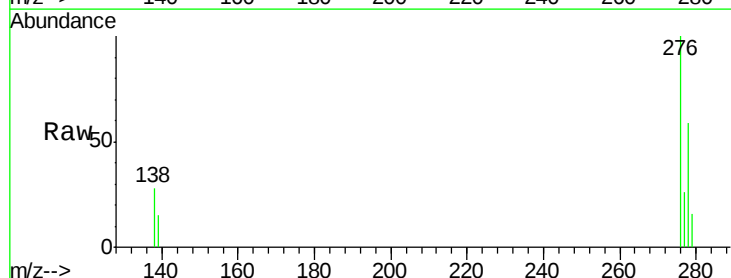
Tgt Ion:276 Resp: 10319

Ion Ratio Lower Upper

276 100

138 26.0 20.8 31.2

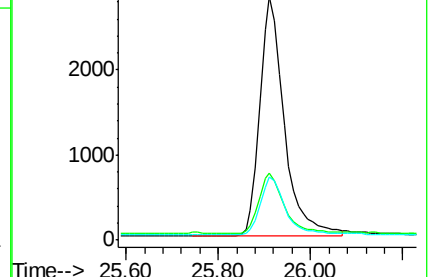
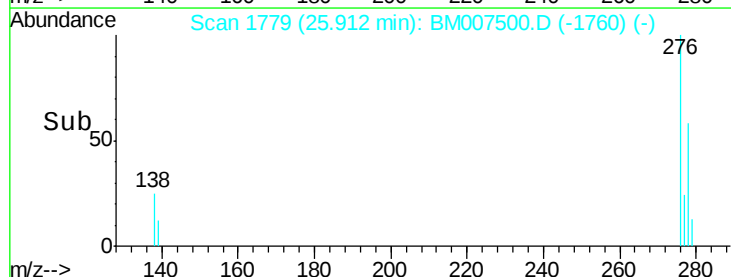
277 24.5 19.6 29.4

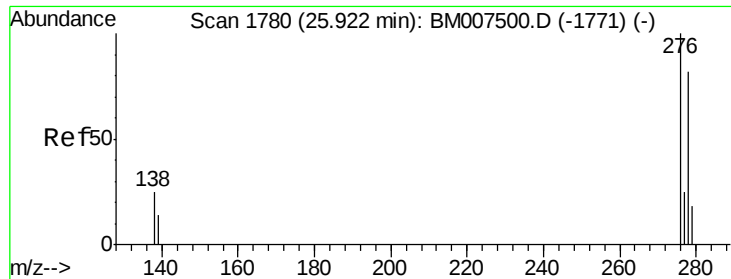


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



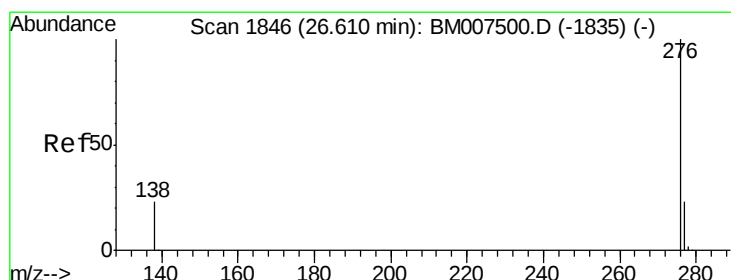
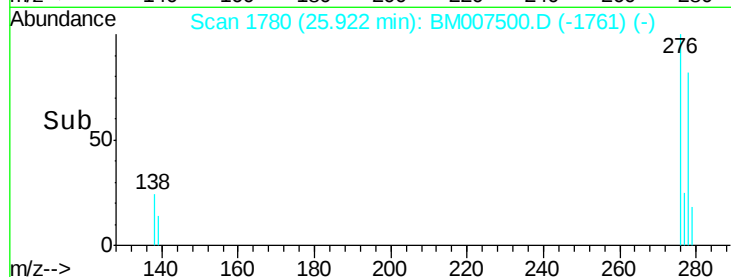
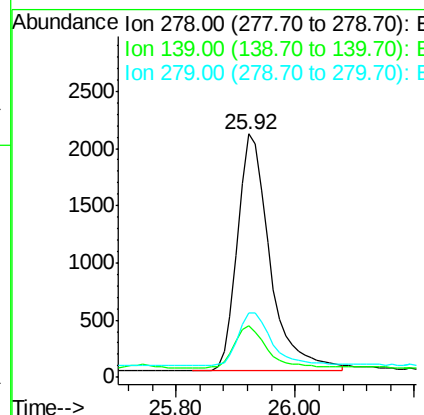
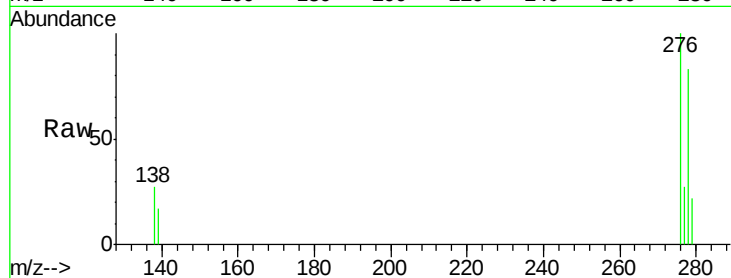


#25
Dibenzo(a,h)anthracene
Concen: 0.33 ng/ul
RT: 25.92 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BM007500.D
Acq: 21 Sep 2016 20:11

Instrument :
BNA_M
ClientSampleId :
SSTD0.436

Tgt Ion: 278 Resp: 7843

Ion	Ratio	Lower	Upper
278	100		
139	21.1	16.9	25.3
279	26.6	21.3	31.9



#26
Benzo(g,h,i)perylene
Concen: 0.36 ng/ul
RT: 26.61 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BM007500.D
Acq: 21 Sep 2016 20:11

Tgt Ion: 276 Resp: 9361

Ion	Ratio	Lower	Upper
276	100		
277	25.6	20.5	30.7
138	25.4	20.3	30.5

