

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030717\
 Data File : BM009098.D
 Acq On : 07 Mar 2017 16:17
 Operator : SJ/MA
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.446

Quant Time: Mar 08 03:07:07 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 03:37:41 2017
 Response via : Initial Calibration

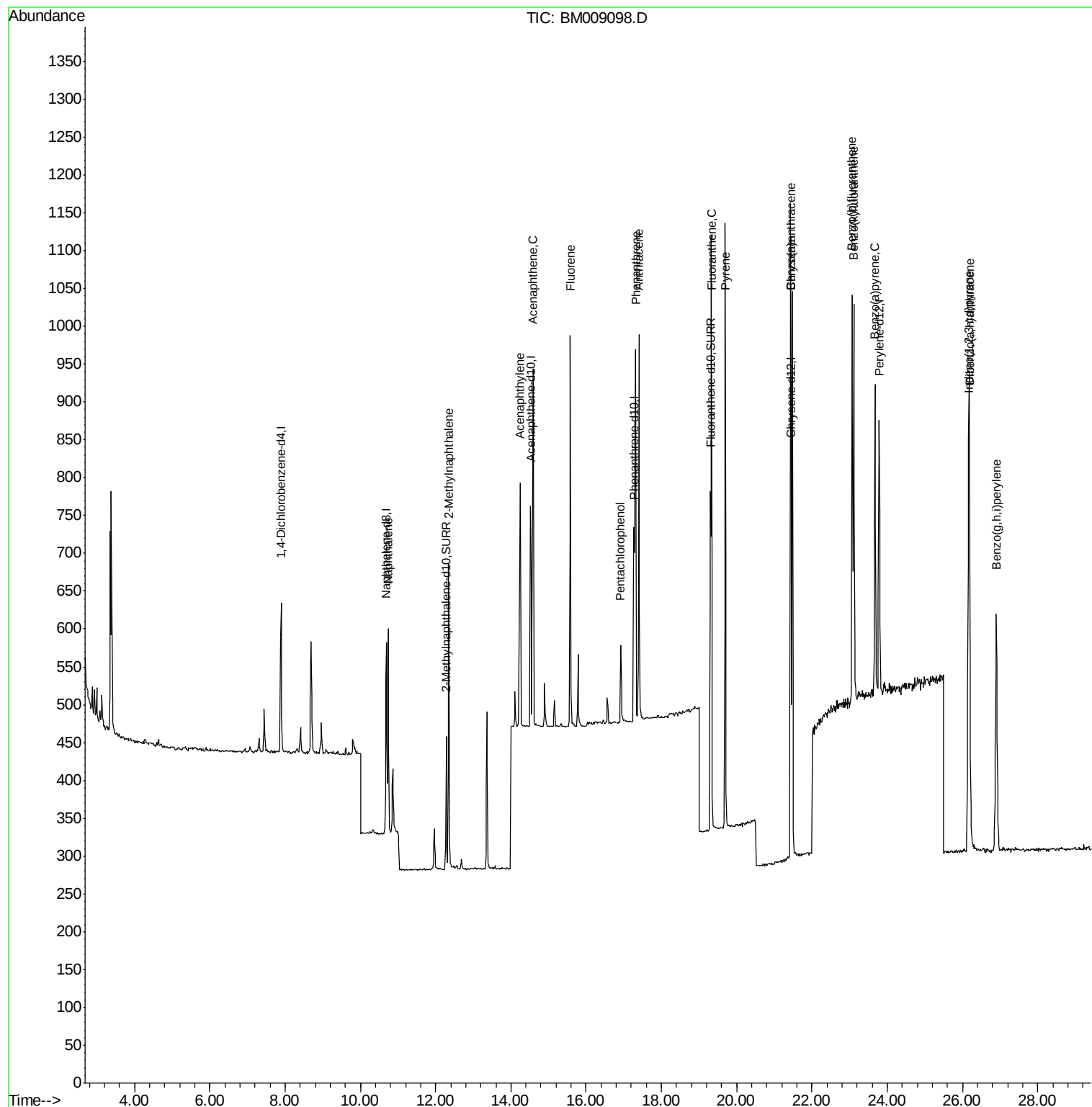
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	112	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	346	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	196	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	459	0.40	ng/ul	0.00
16) Chrysene-d12	21.45	240	525	0.40	ng/ul	0.00
20) Perylene-d12	23.78	264	502	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	224	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	595	0.41	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	399	0.40	ng/ul#	70
5) 2-Methylnaphthalene	12.35	142	285	0.40	ng/ul	99
7) Acenaphthylene	14.25	152	410	0.40	ng/ul#	75
8) Acenaphthene	14.59	153	313	0.40	ng/ul	97
9) Fluorene	15.58	166	379	0.41	ng/ul#	96
11) Pentachlorophenol	16.92	266	77	0.35	ng/ul	93
12) Phenanthrene	17.31	178	574	0.40	ng/ul#	85
13) Anthracene	17.40	178	589	0.41	ng/ul#	88
15) Fluoranthene	19.33	202	751	0.40	ng/ul	92
17) Pyrene	19.69	202	765	0.42	ng/ul	92
18) Benzo(a)anthracene	21.43	228	710	0.41	ng/ul#	93
19) Chrysene	21.43	228	710	0.43	ng/ul	94
21) Benzo(b)fluoranthene	23.07	252	746	0.38	ng/ul	89
22) Benzo(k)fluoranthene	23.12	252	747	0.43	ng/ul#	86
23) Benzo(a)pyrene	23.67	252	721	0.41	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.16	276	871	0.39	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.18	278	734	0.39	ng/ul#	89
26) Benzo(g,h,i)perylene	26.89	276	759	0.39	ng/ul#	91

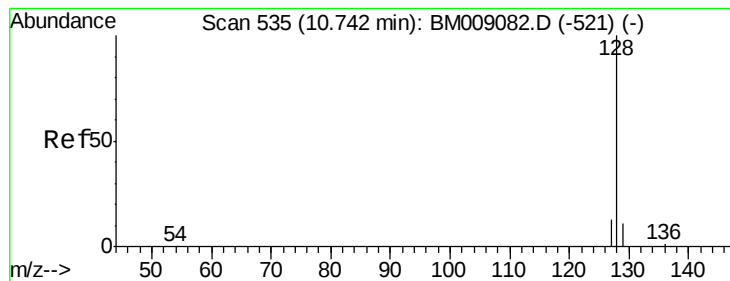
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.40 ng/ul

RT: 10.74 min Scan# 535

Delta R.T. -0.00 min

Lab File: BM009098.D

Acq: 07 Mar 2017 16:17

Instrument :

BNA_M

ClientSampleId :

SSTD0.446

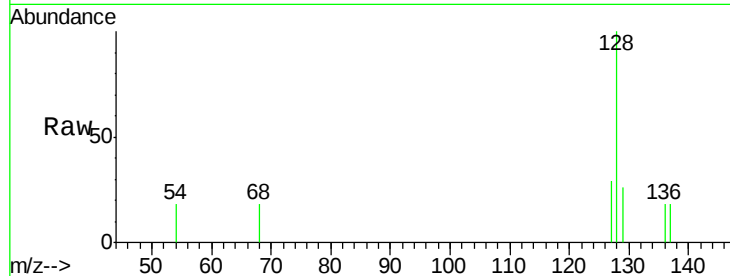
Tgt Ion:128 Resp: 399

Ion Ratio Lower Upper

128 100

129 26.2 11.3 16.9#

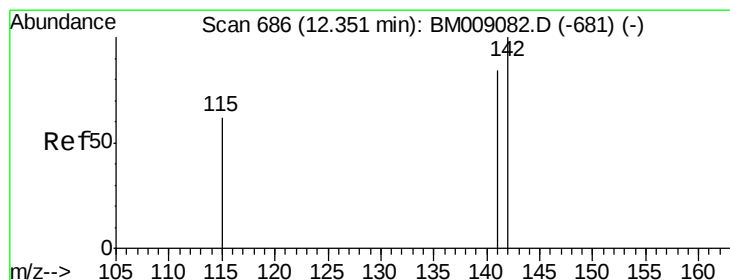
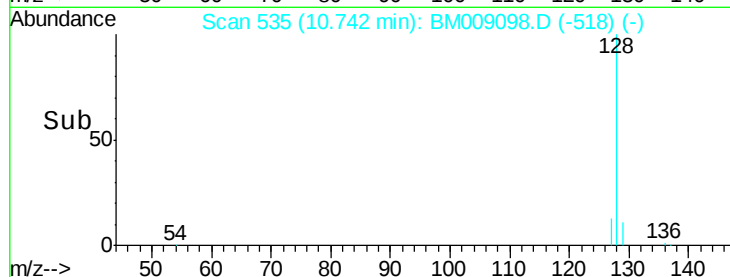
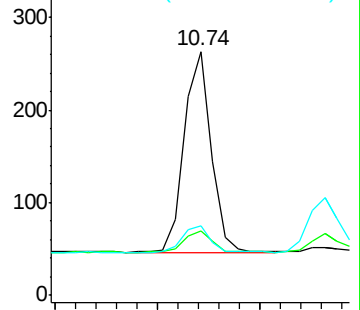
127 28.5 12.8 19.2#



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: 0.40 ng/ul

RT: 12.35 min Scan# 686

Delta R.T. -0.00 min

Lab File: BM009098.D

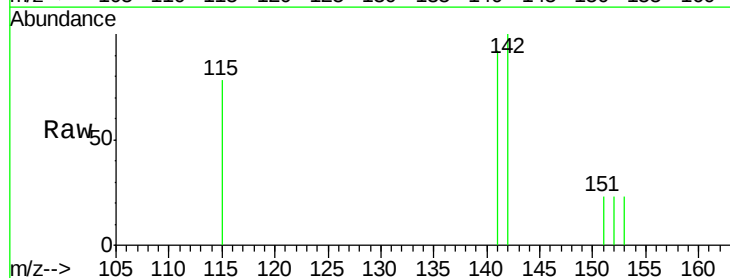
Acq: 07 Mar 2017 16:17

Tgt Ion:142 Resp: 285

Ion Ratio Lower Upper

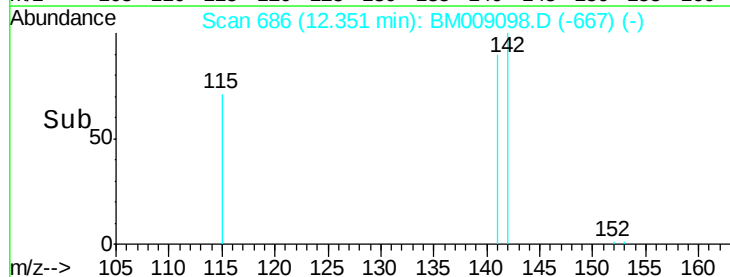
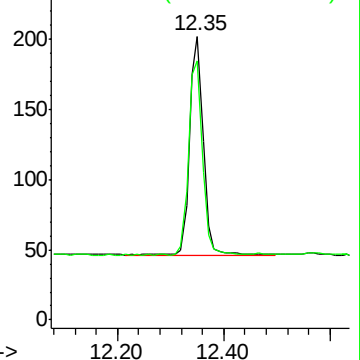
142 100

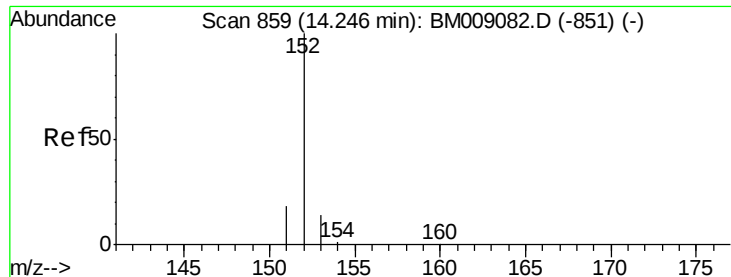
141 90.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.40 ng/ul

RT: 14.25 min Scan# 859

Delta R.T. -0.00 min

Lab File: BM009098.D

Acq: 07 Mar 2017 16:17

Instrument :

BNA_M

ClientSampleId :

SSTD0.446

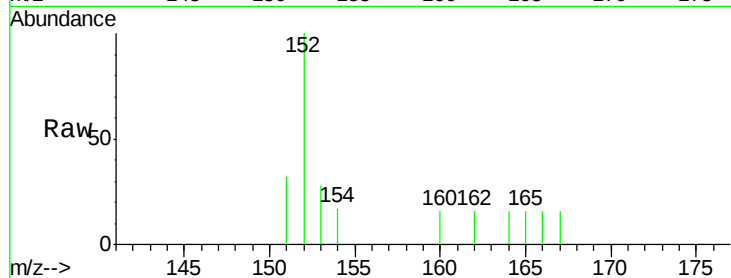
Tgt Ion:152 Resp: 410

Ion Ratio Lower Upper

152 100

151 32.1 17.1 25.7#

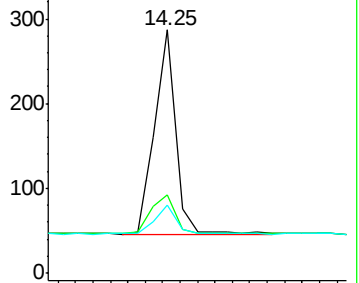
153 27.9 12.8 19.2#



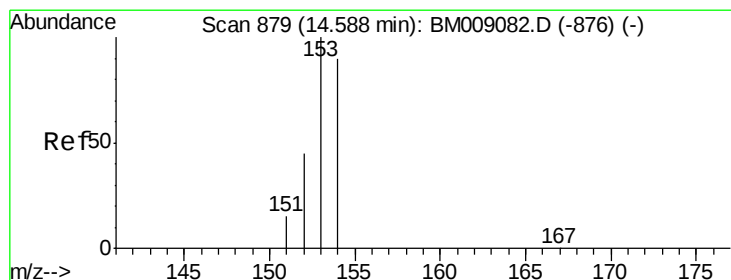
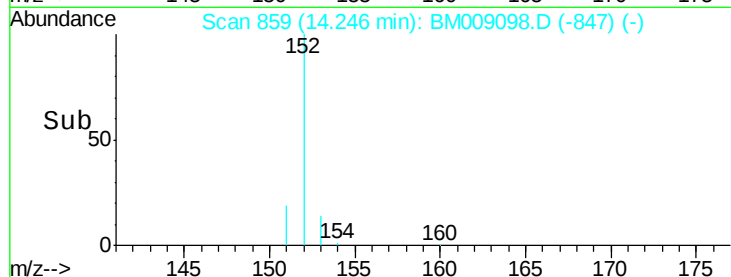
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.40 ng/ul

RT: 14.59 min Scan# 879

Delta R.T. -0.00 min

Lab File: BM009098.D

Acq: 07 Mar 2017 16:17

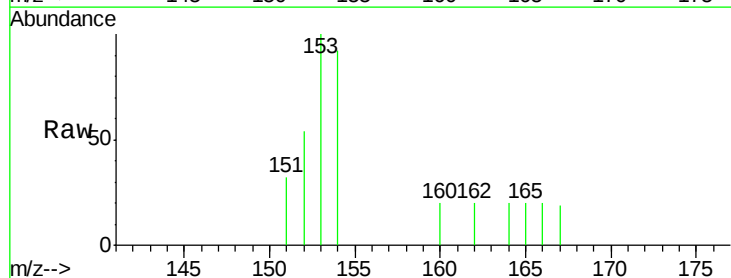
Tgt Ion:153 Resp: 313

Ion Ratio Lower Upper

153 100

152 53.8 40.3 60.5

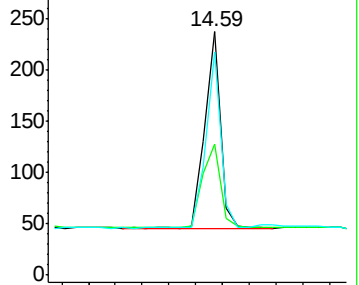
154 91.6 71.4 107.2



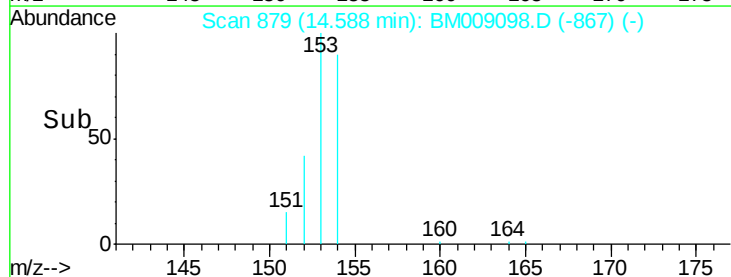
Abundance Ion 153.00 (152.70 to 153.70): E

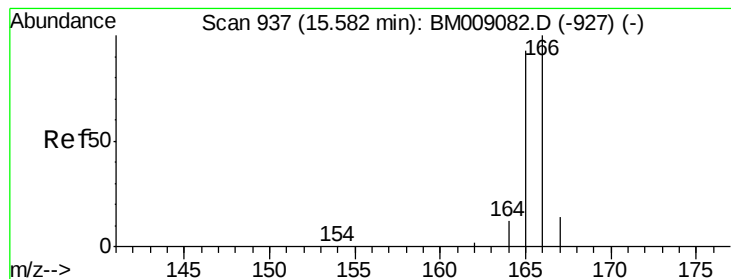
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 0.41 ng/ul

RT: 15.58 min Scan# 937

Delta R.T. -0.00 min

Lab File: BM009098.D

Acq: 07 Mar 2017 16:17

Instrument :

BNA_M

ClientSampleId :

SSTD0.446

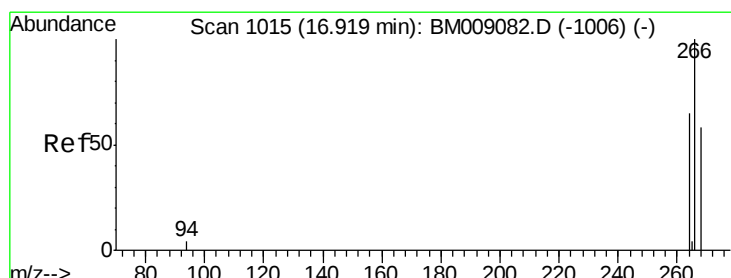
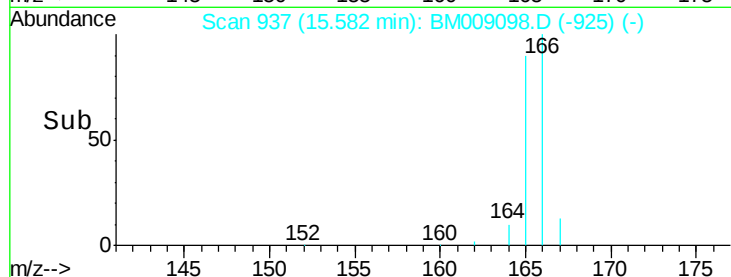
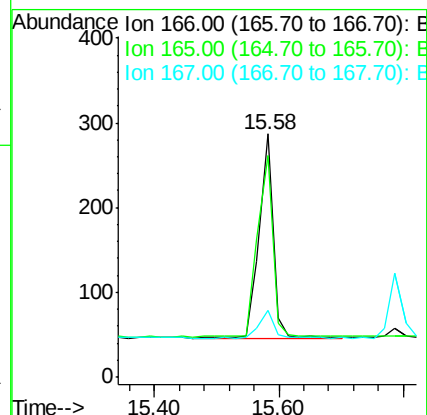
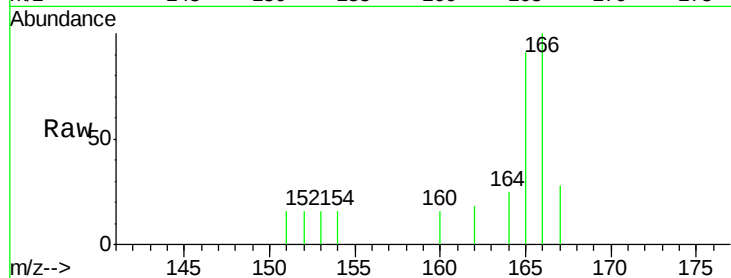
Tgt Ion:166 Resp: 379

Ion Ratio Lower Upper

166 100

165 91.3 73.4 110.2

167 27.5 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.35 ng/ul

RT: 16.92 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BM009098.D

Acq: 07 Mar 2017 16:17

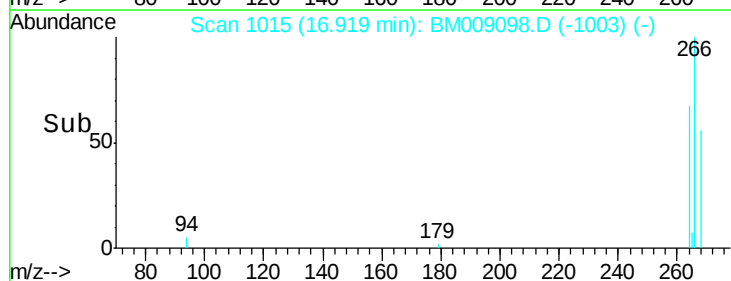
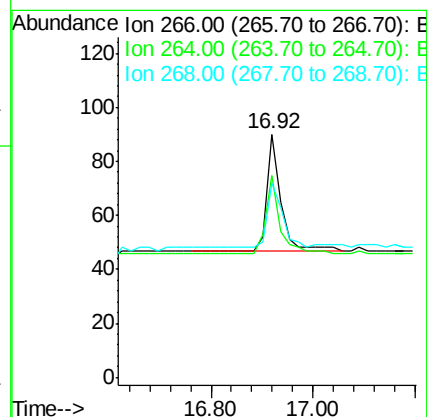
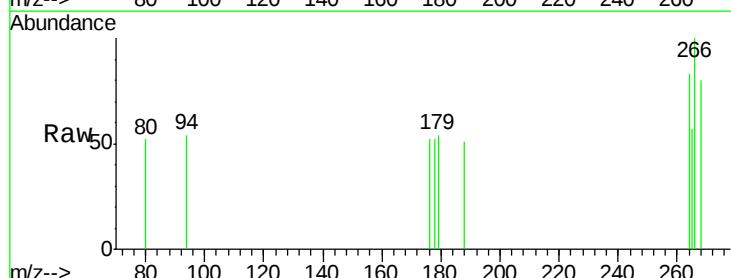
Tgt Ion:266 Resp: 77

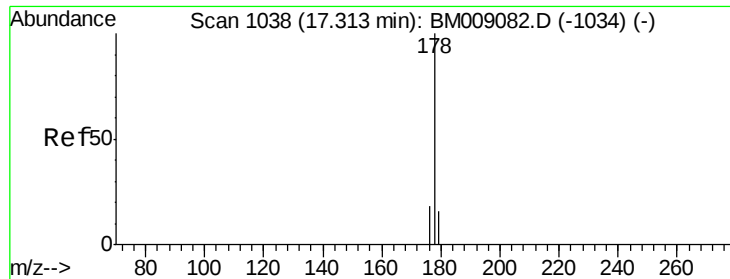
Ion Ratio Lower Upper

266 100

264 70.1 47.9 71.9

268 61.0 49.8 74.8





#12

Phenanthrene

Concen: 0.40 ng/ul

RT: 17.31 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BM009098.D

Acq: 07 Mar 2017 16:17

Instrument :

BNA_M

ClientSampleId :

SSTD0.446

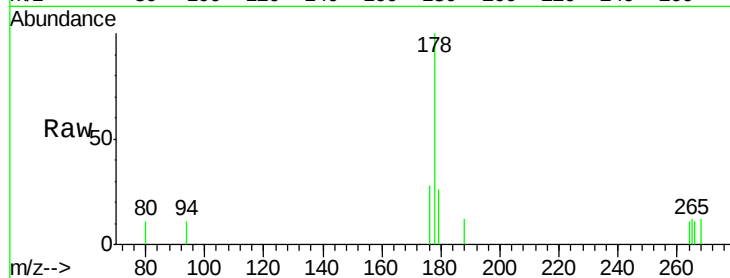
Tgt Ion:178 Resp: 574

Ion Ratio Lower Upper

178 100

176 28.4 18.4 27.6#

179 25.9 13.6 20.4#



Abundance Ion 178.00 (177.70 to 178.70): E

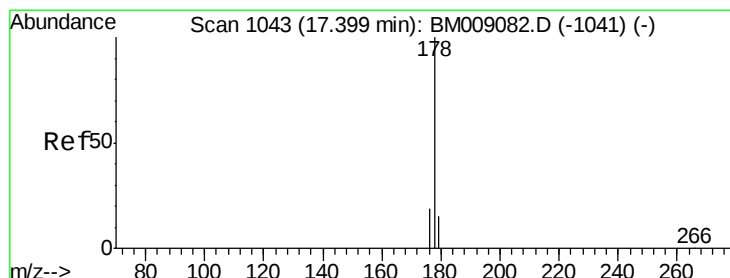
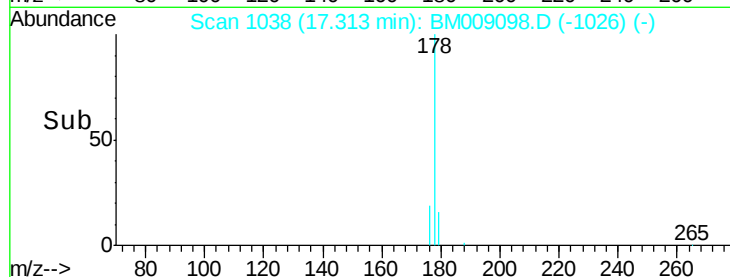
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.31

17.40

Time-->



#13

Anthracene

Concen: 0.41 ng/ul

RT: 17.40 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BM009098.D

Acq: 07 Mar 2017 16:17

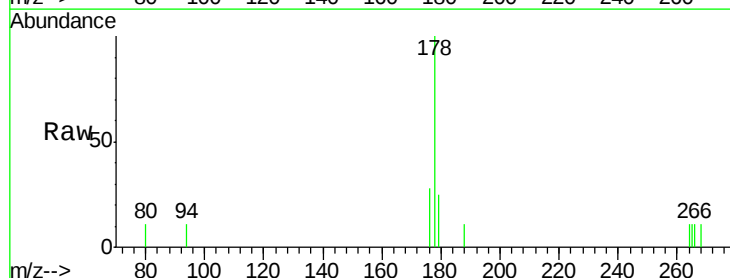
Tgt Ion:178 Resp: 589

Ion Ratio Lower Upper

178 100

176 28.0 18.1 27.1#

179 24.5 14.7 22.1#



Abundance Ion 178.00 (177.70 to 178.70): E

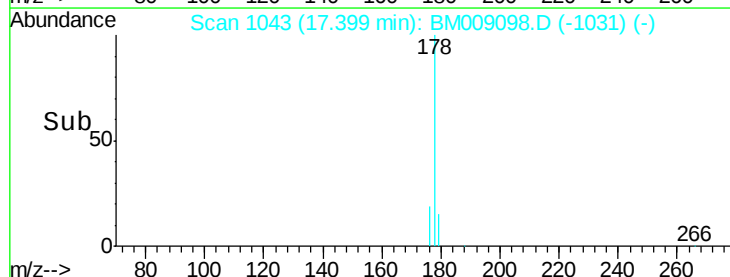
Ion 176.00 (175.70 to 176.70): E

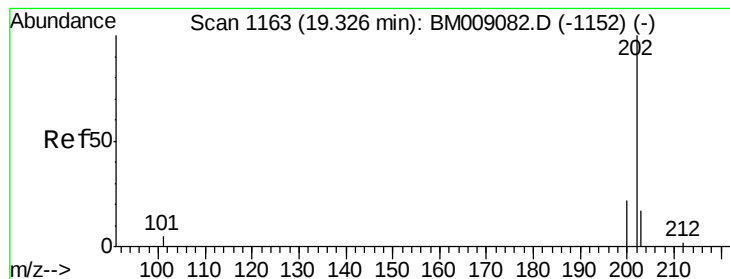
Ion 179.00 (178.70 to 179.70): E

17.40

17.50

Time-->





#15

Fluoranthene

Concen: 0.40 ng/ul

RT: 19.33 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BM009098.D

Acq: 07 Mar 2017 16:17

Instrument :

BNA_M

ClientSampleId :

SSTD0.446

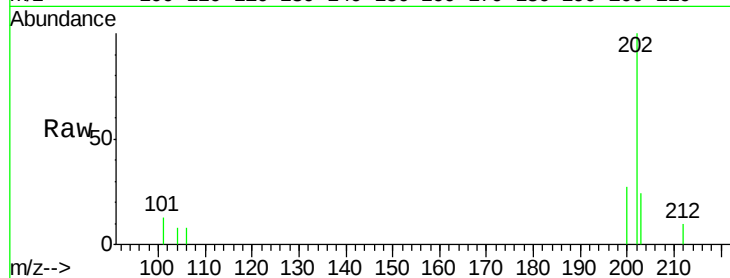
Tgt Ion:202 Resp: 751

Ion Ratio Lower Upper

202 100

101 12.6 0.0 30.3

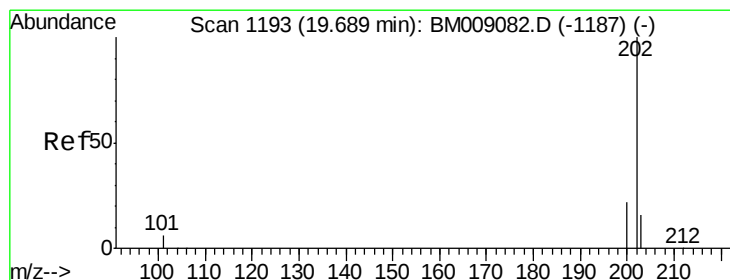
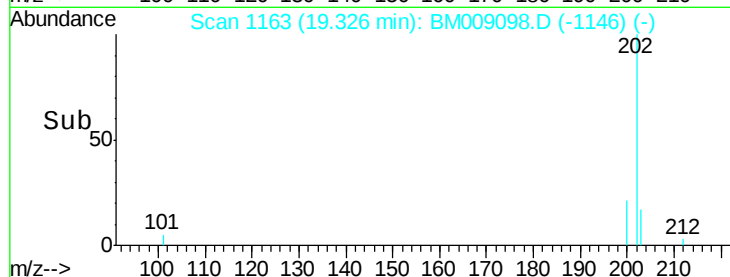
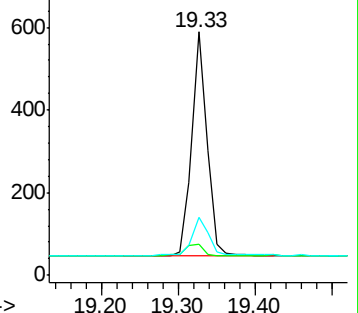
203 23.6 0.0 39.5



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: 0.42 ng/ul

RT: 19.69 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BM009098.D

Acq: 07 Mar 2017 16:17

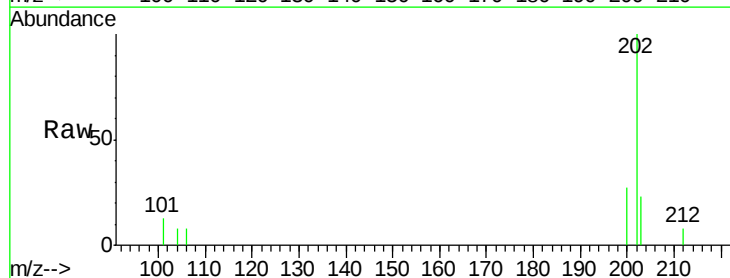
Tgt Ion:202 Resp: 765

Ion Ratio Lower Upper

202 100

200 27.0 18.2 27.4

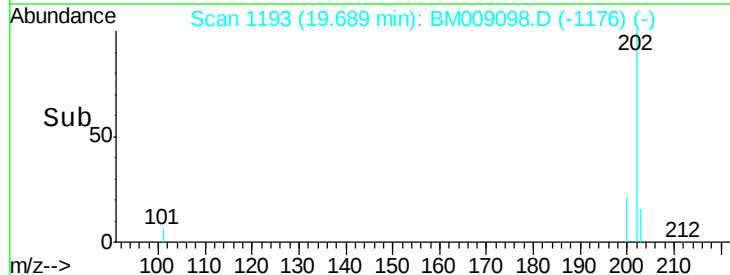
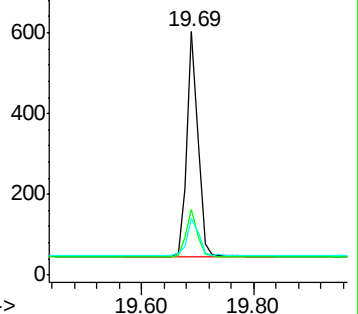
203 23.1 15.6 23.4

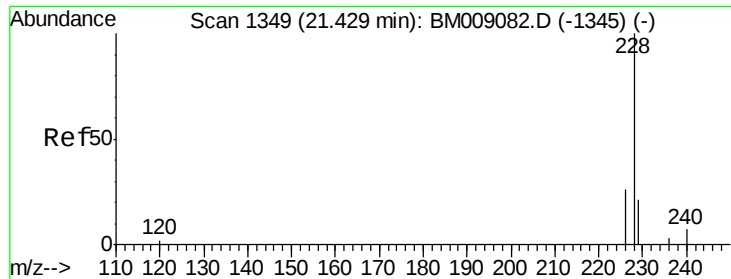


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.41 ng/ul

RT: 21.43 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BM009098.D

Acq: 07 Mar 2017 16:17

Instrument :

BNA_M

ClientSampleId :

SSTD0.446

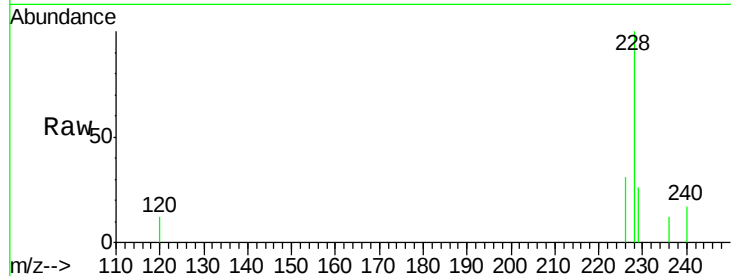
Tgt Ion:228 Resp: 710

Ion Ratio Lower Upper

228 100

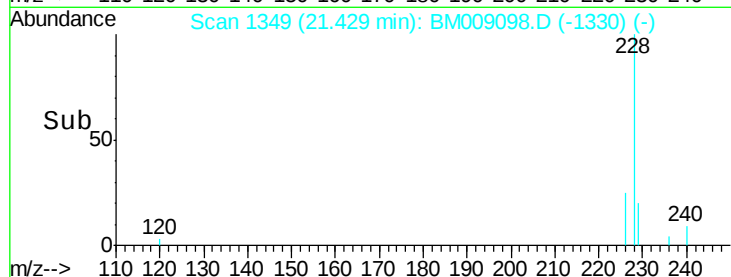
226 31.3 22.8 34.2

229 26.2 17.0 25.6#

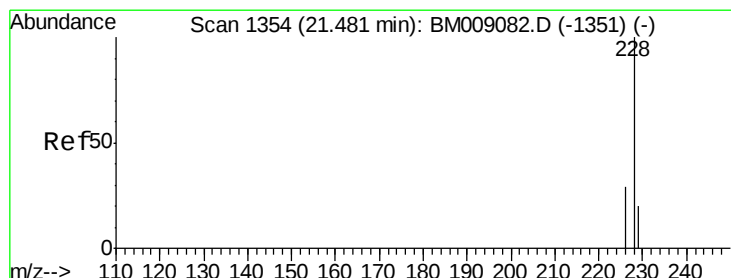


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

21.43



Time-->



#19

Chrysene

Concen: 0.43 ng/ul

RT: 21.43 min Scan# 1349

Delta R.T. -0.05 min

Lab File: BM009098.D

Acq: 07 Mar 2017 16:17

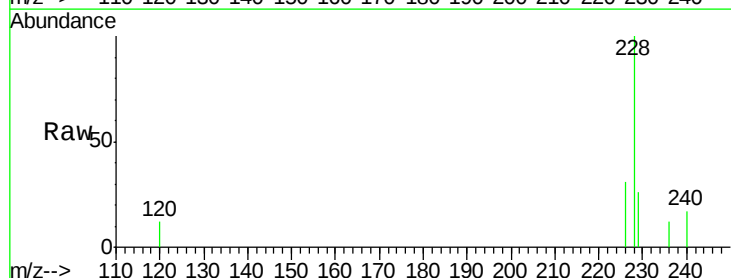
Tgt Ion:228 Resp: 710

Ion Ratio Lower Upper

228 100

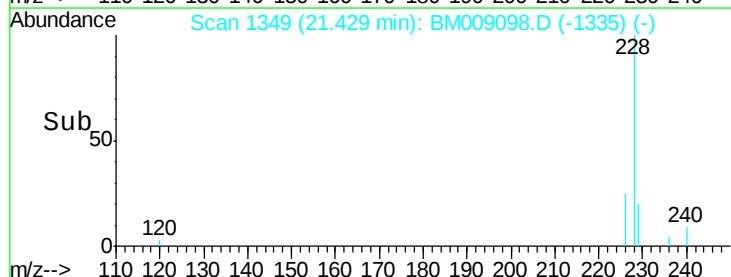
226 31.3 23.4 35.0

229 26.2 17.7 26.5

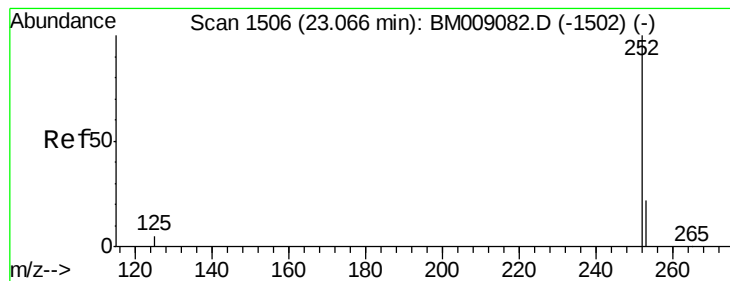


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

21.43



Time-->



#21

Benzo(b)fluoranthene

Concen: 0.38 ng/u1

RT: 23.07 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BM009098.D

Acq: 07 Mar 2017 16:17

Instrument :

BNA_M

ClientSampleId :

SSTD0.446

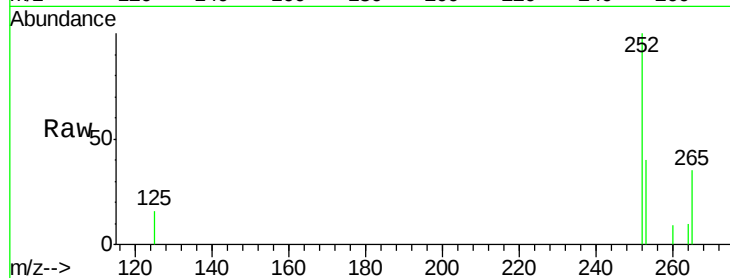
Tgt Ion:252 Resp: 746

Ion Ratio Lower Upper

252 100

253 40.0 0.0 64.2

125 15.6 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

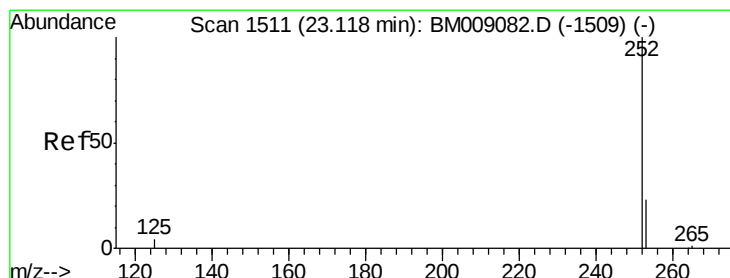
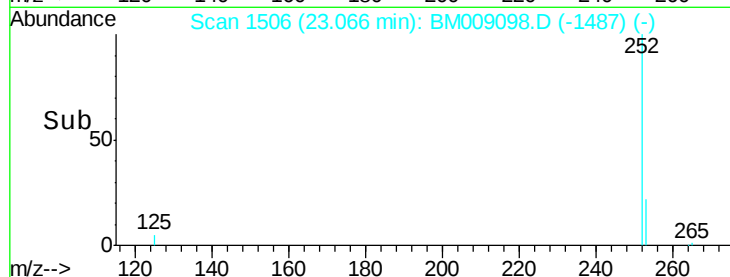
23.07

400

200

0

Time-->



#22

Benzo(k)fluoranthene

Concen: 0.43 ng/u1

RT: 23.12 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BM009098.D

Acq: 07 Mar 2017 16:17

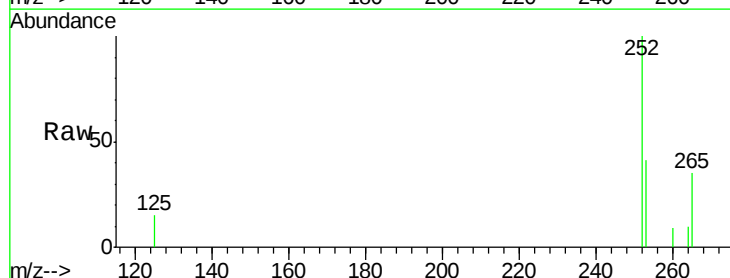
Tgt Ion:252 Resp: 747

Ion Ratio Lower Upper

252 100

253 41.1 24.5 36.7#

125 15.2 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

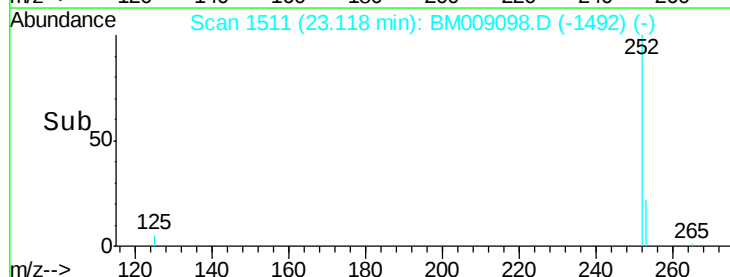
23.12

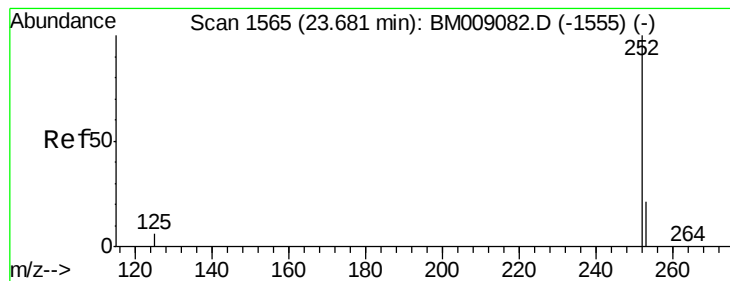
400

200

0

Time-->





#23

Benzo(a)pyrene

Concen: 0.41 ng/ul

RT: 23.67 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BM009098.D

Acq: 07 Mar 2017 16:17

Instrument :

BNA_M

ClientSampleId :

SSTD0.446

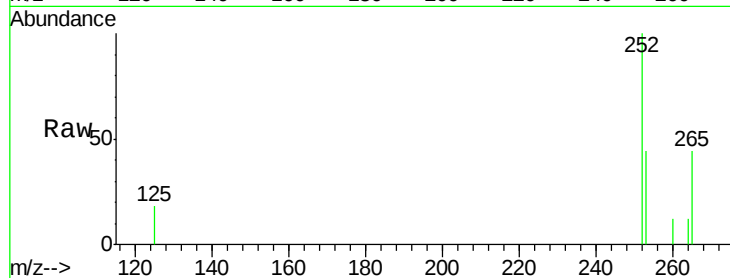
Tgt Ion: 252 Resp: 721

Ion Ratio Lower Upper

252 100

253 44.1 28.5 42.7#

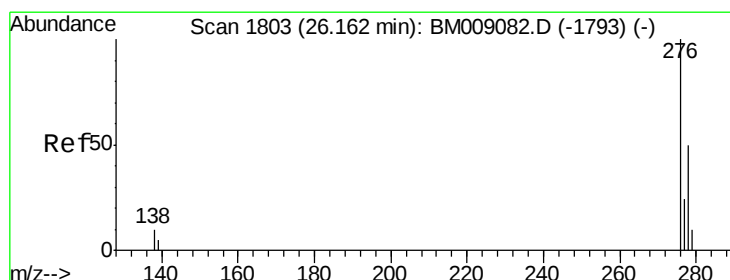
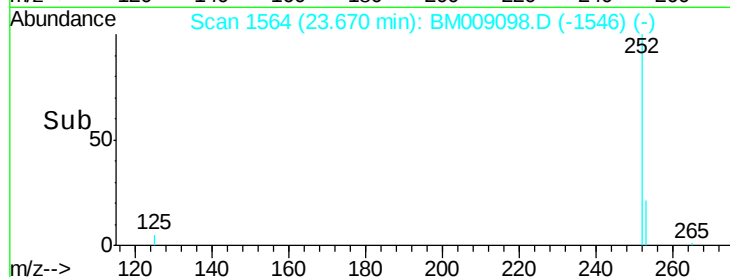
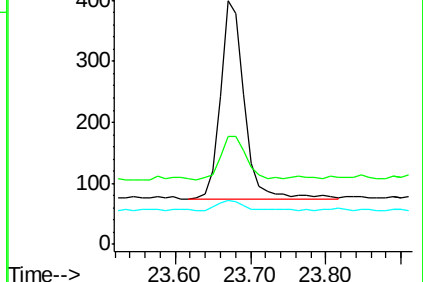
125 18.0 18.1 27.1#



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: 0.39 ng/ul

RT: 26.16 min Scan# 1803

Delta R.T. -0.00 min

Lab File: BM009098.D

Acq: 07 Mar 2017 16:17

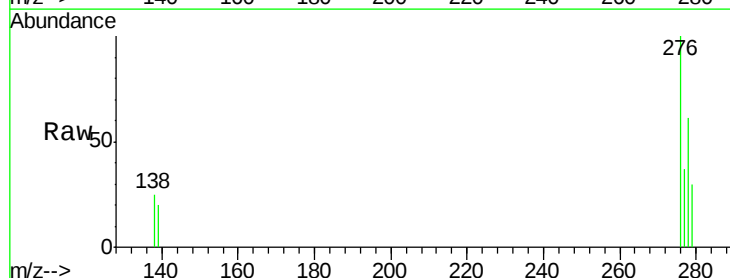
Tgt Ion: 276 Resp: 871

Ion Ratio Lower Upper

276 100

138 12.7 19.1 28.7#

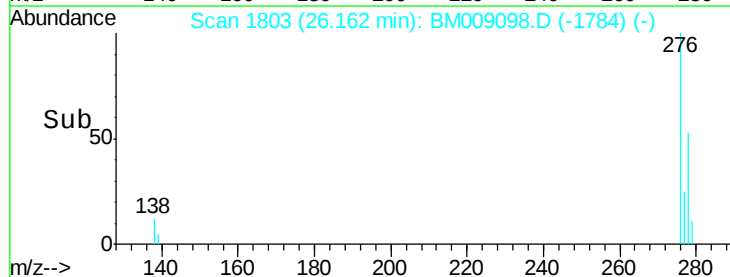
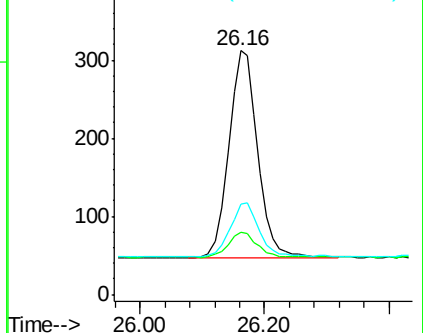
277 25.9 19.6 29.4

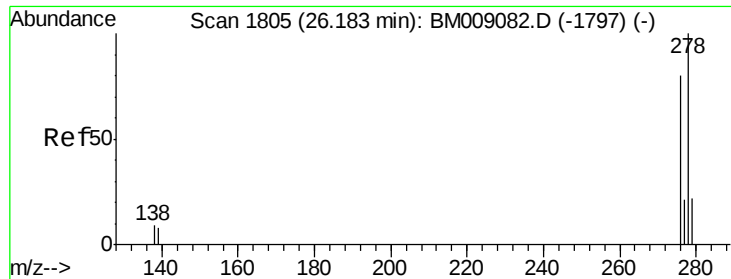


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

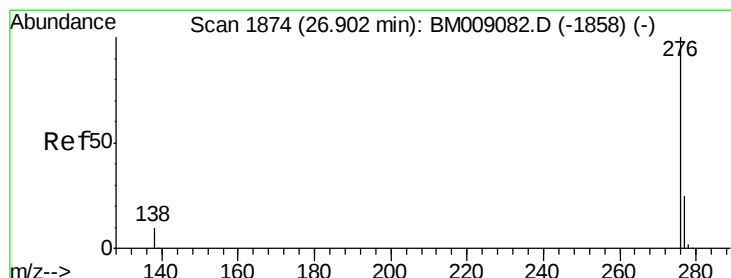
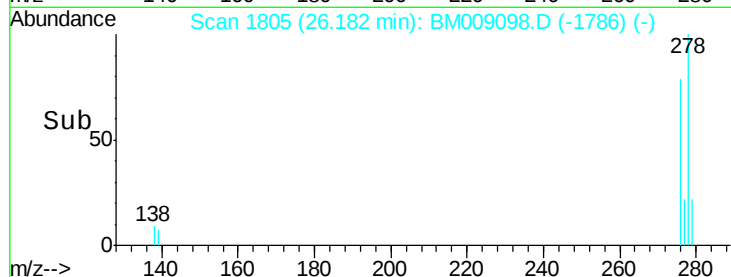
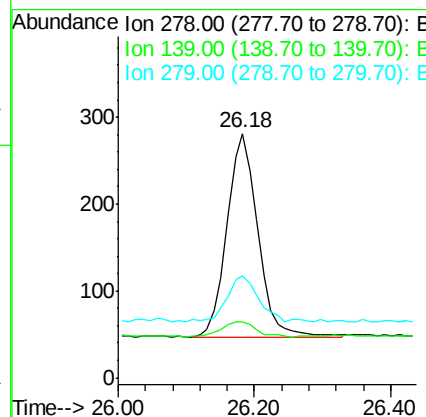
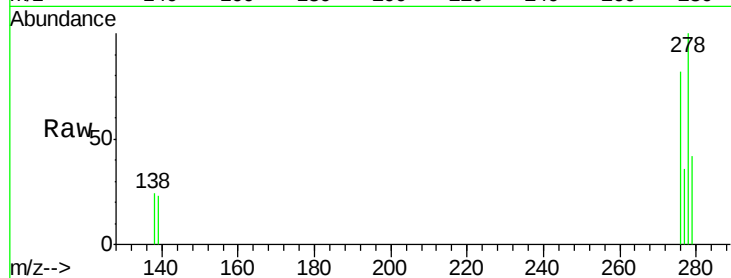




#25
Dibenzo(a,h)anthracene
Concen: 0.39 ng/ul
RT: 26.18 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BM009098.D
Acq: 07 Mar 2017 16:17

Instrument :
BNA_M
ClientSampleId :
SSTD0.446

Tgt Ion: 278 Resp: 734
Ion Ratio Lower Upper
278 100
139 23.1 17.4 26.0
279 42.0 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.39 ng/ul
RT: 26.89 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BM009098.D
Acq: 07 Mar 2017 16:17

Tgt Ion: 276 Resp: 759
Ion Ratio Lower Upper
276 100
277 35.8 21.8 32.8#
138 25.4 20.5 30.7

