

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
 Data File : BM009162.D
 Acq On : 10 Mar 2017 01:09
 Operator : SJ/MA
 Sample : I2069-06DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG7DL

Quant Time: Mar 10 03:18:10 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 10 03:16:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	258	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	784	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	423	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	965	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1063	0.40	ng/ul	0.00
20) Perylene-d12	23.78	264	1053	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	77	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	205	0.07	ng/ul	0.00

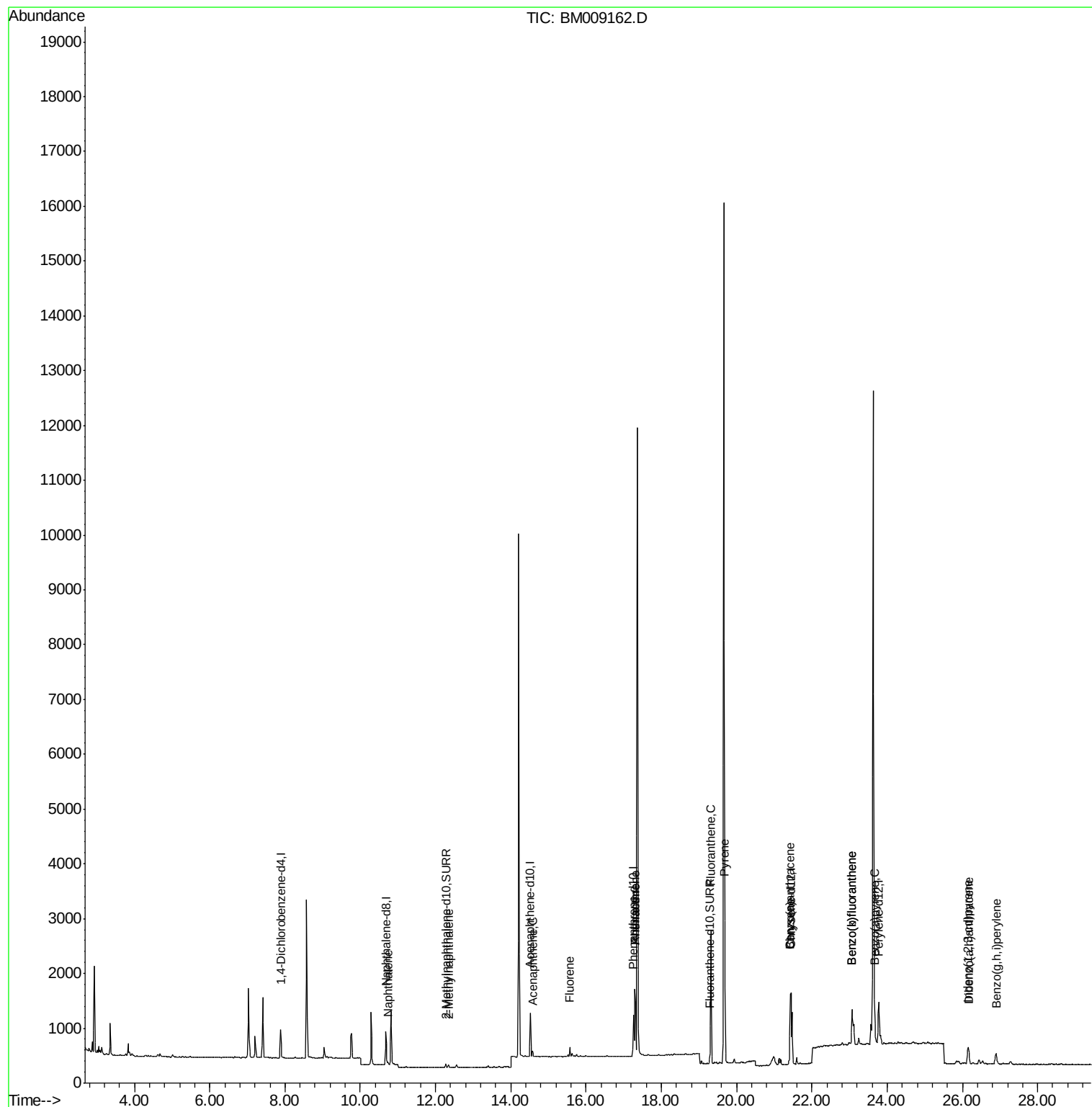
Target Compounds				Ovalue		
3) Naphthalene	10.73	128	71	0.03	ng/ul#	1
5) 2-Methylnaphthalene	12.34	142	34	0.02	ng/ul	96
8) Acenaphthene	14.57	153	84	0.05	ng/ul#	83
9) Fluorene	15.56	166	181	0.09	ng/ul#	76
12) Phenanthrene	17.30	178	1764	0.58	ng/ul	94
13) Anthracene	17.30	178	1756	0.59	ng/ul	95
15) Fluoranthene	19.32	202	2378	0.60	ng/ul	98
17) Pyrene	19.68	202	2081	0.57	ng/ul	97
18) Benzo(a)anthracene	21.42	228	1082	0.31	ng/ul	93
19) Chrysene	21.42	228	1082	0.32	ng/ul	94
21) Benzo(b)fluoranthene	23.07	252	1616	0.39	ng/ul	88
22) Benzo(k)fluoranthene	23.07	252	1616	0.44	ng/ul#	85
23) Benzo(a)pyrene	23.67	252	894	0.24	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.15	276	556	0.12	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.17	278	148	0.04	ng/ul#	3
26) Benzo(a,h,i)perylene	26.89	276	494	0.12	ng/ul#	73

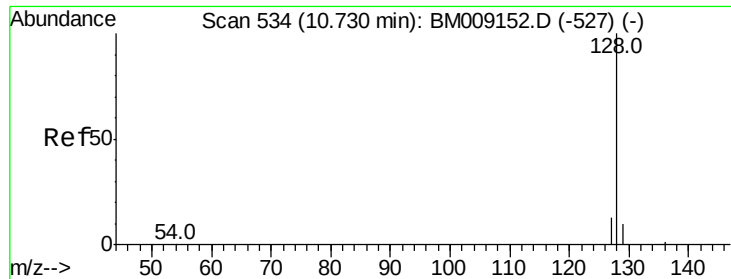
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.03 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. 0.00 min

Lab File: BM009162.D

Acq: 10 Mar 2017 01:09

Instrument :

BNA_M

ClientSampleId :

C0AG7DL

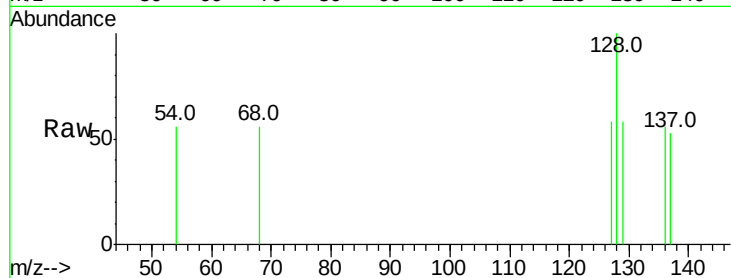
Tot Ion:128 Resp: 71

Ion Ratio Lower Upper

128 100

129 58.4 11.3 16.9#

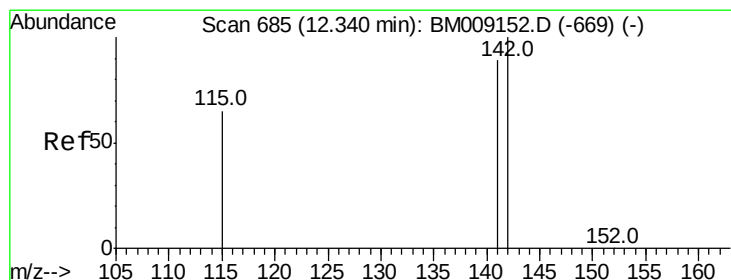
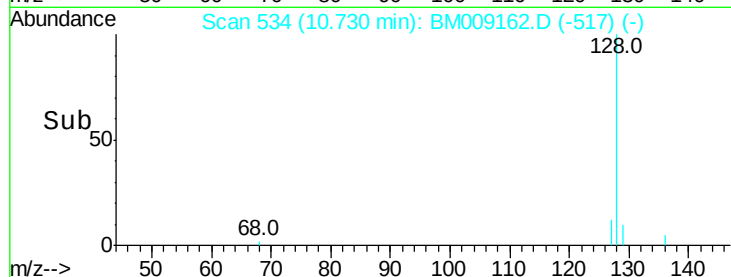
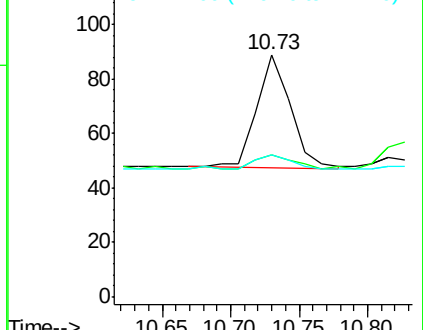
127 58.4 12.8 19.2#



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: 0.02 ng/ul

RT: 12.34 min Scan# 685

Delta R.T. 0.00 min

Lab File: BM009162.D

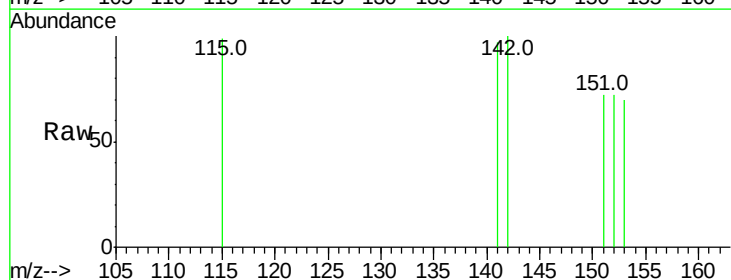
Acq: 10 Mar 2017 01:09

Tgt Ion:142 Resp: 34

Ion Ratio Lower Upper

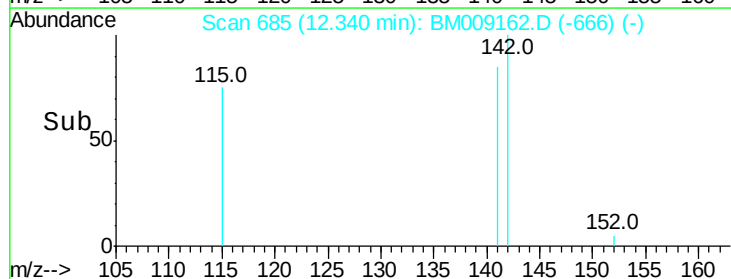
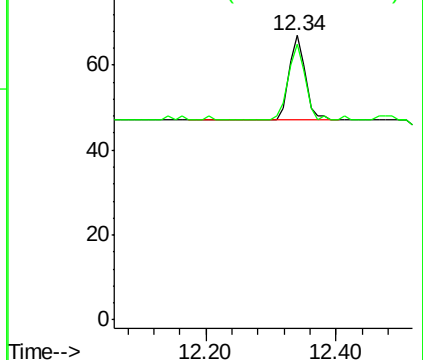
142 100

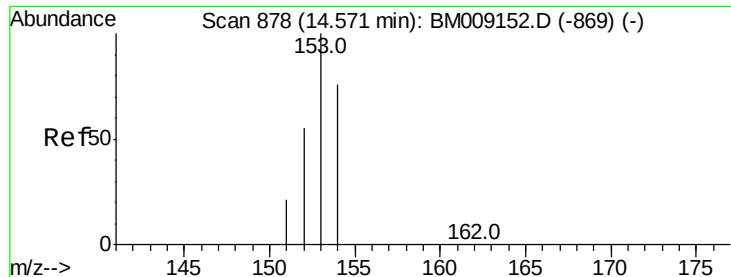
141 94.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.05 ng/ul

RT: 14.57 min Scan# 878

Delta R.T. 0.00 min

Lab File: BM009162.D

Acq: 10 Mar 2017 01:09

Instrument :

BNA_M

ClientSampleId :

C0AG7DL

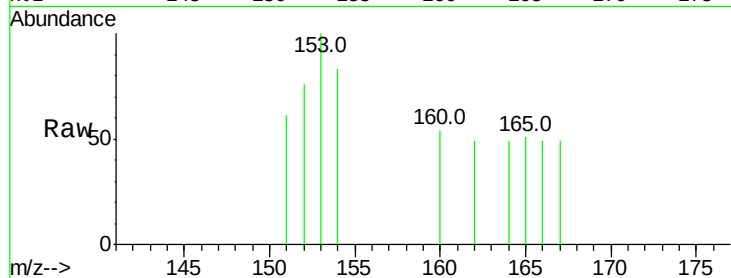
Tot Ion:153 Resp: 84

Ion Ratio Lower Upper

153 100

152 75.8 40.3 60.5#

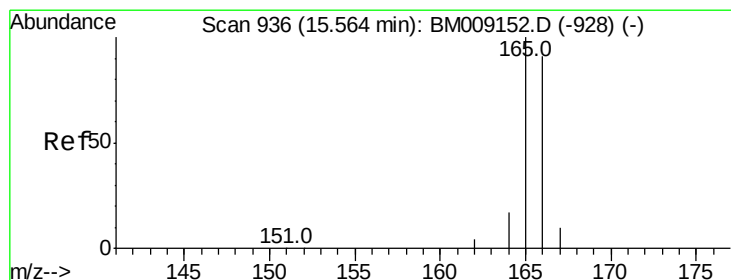
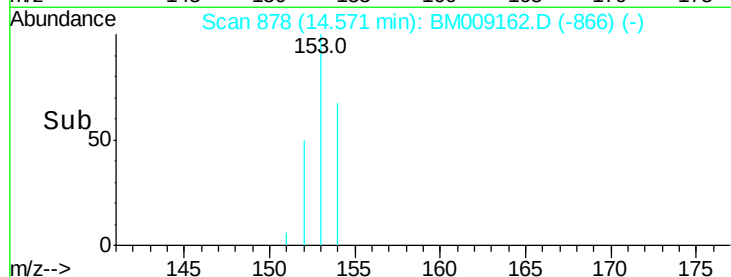
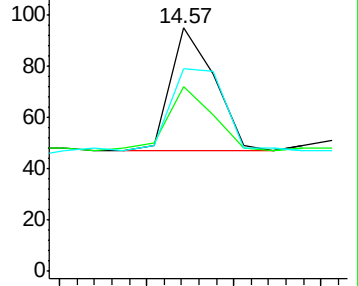
154 83.2 71.4 107.2



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: 0.09 ng/ul

RT: 15.56 min Scan# 936

Delta R.T. 0.00 min

Lab File: BM009162.D

Acq: 10 Mar 2017 01:09

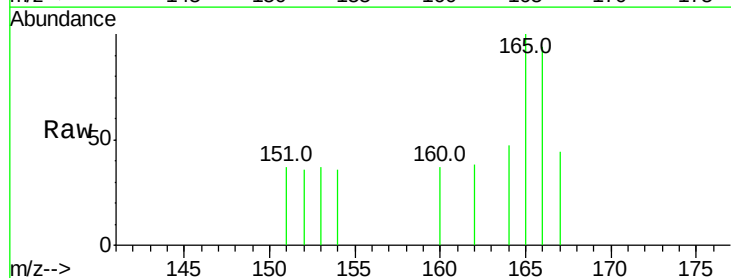
Tgt Ion:166 Resp: 181

Ion Ratio Lower Upper

166 100

165 106.6 73.4 110.2

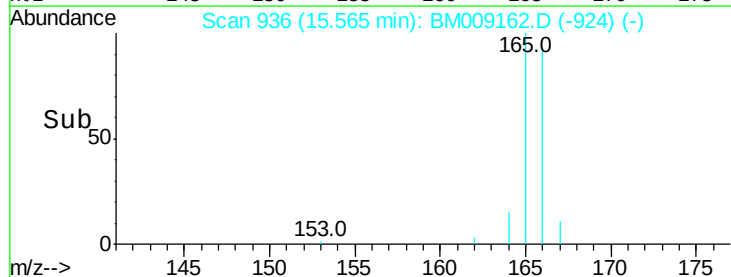
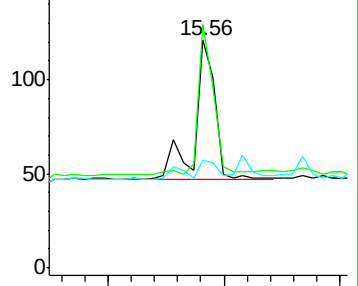
167 47.1 14.6 22.0#

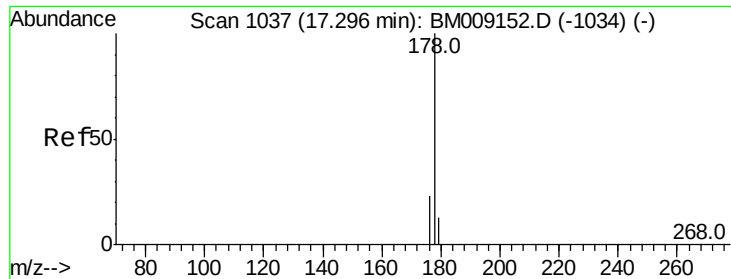


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.58 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BM009162.D

Acq: 10 Mar 2017 01:09

Instrument :

BNA_M

ClientSampleId :

C0AG7DL

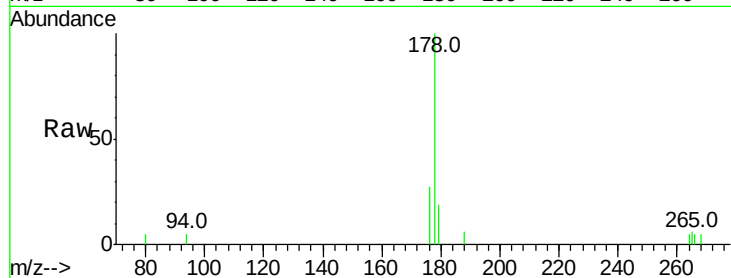
Tot Ion:178 Resp: 1764

Ion Ratio Lower Upper

178 100

176 26.8 18.4 27.6

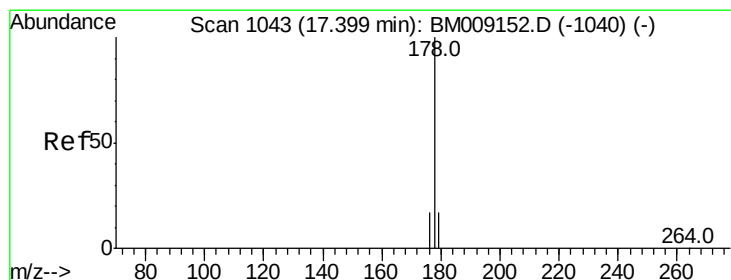
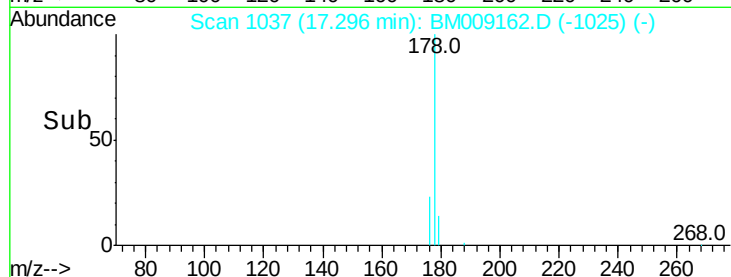
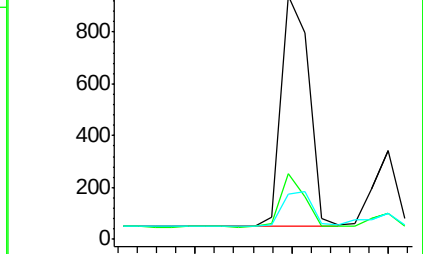
179 18.5 13.6 20.4



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: 0.59 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. -0.10 min

Lab File: BM009162.D

Acq: 10 Mar 2017 01:09

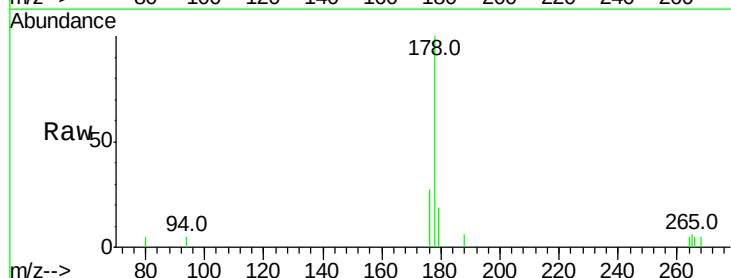
Tgt Ion:178 Resp: 1756

Ion Ratio Lower Upper

178 100

176 26.8 18.1 27.1

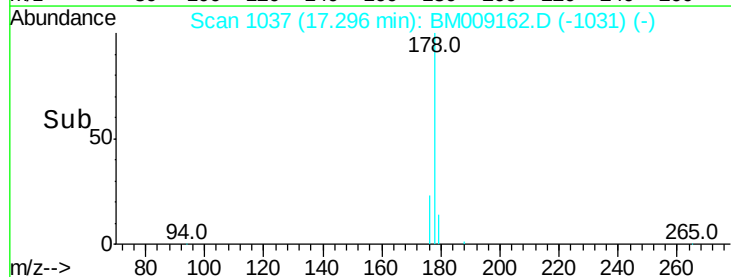
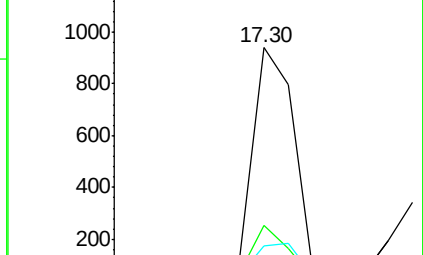
179 18.5 14.7 22.1

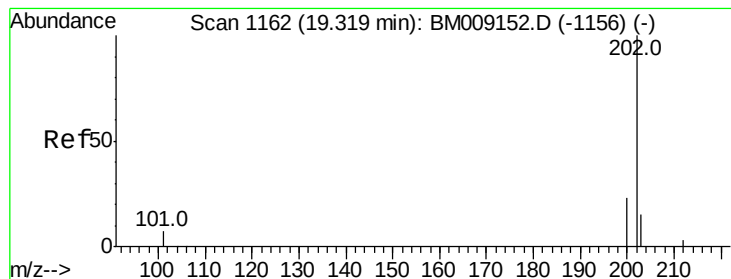


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.60 ng/ul

RT: 19.32 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BM009162.D

Acq: 10 Mar 2017 01:09

Instrument :

BNA_M

ClientSampleId :

C0AG7DL

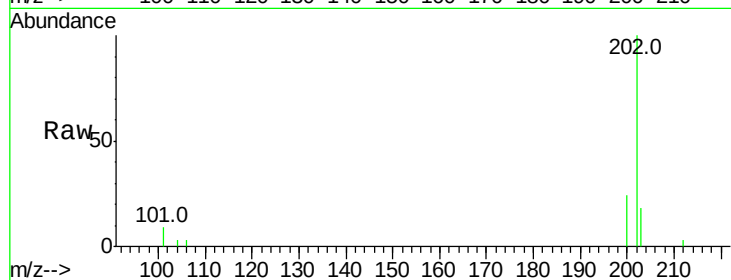
Tot Ion:202 Resp: 2378

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.3

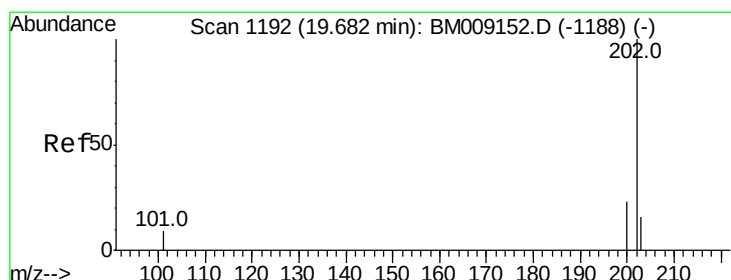
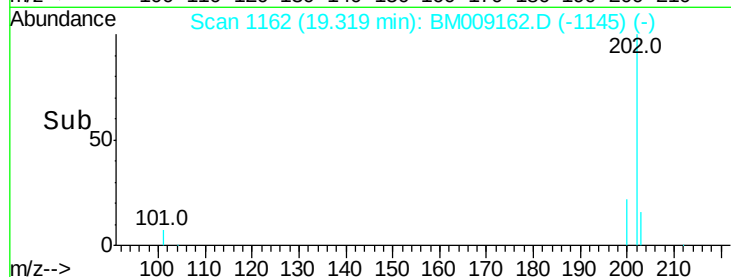
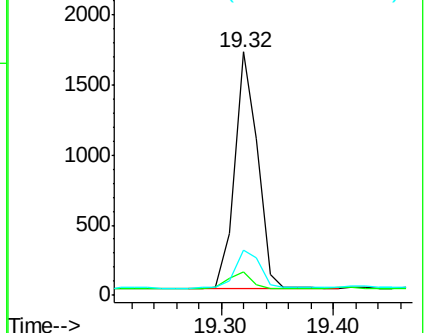
203 18.4 0.0 39.5



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: 0.57 ng/ul

RT: 19.68 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BM009162.D

Acq: 10 Mar 2017 01:09

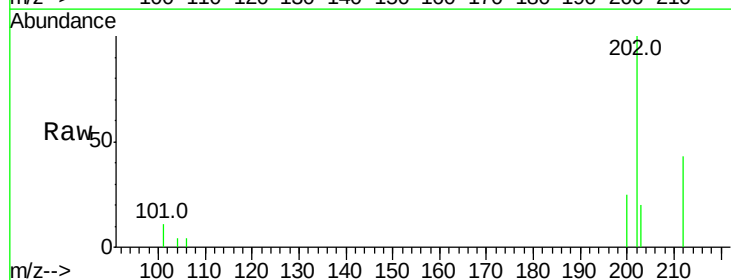
Tgt Ion:202 Resp: 2081

Ion Ratio Lower Upper

202 100

200 25.2 18.2 27.4

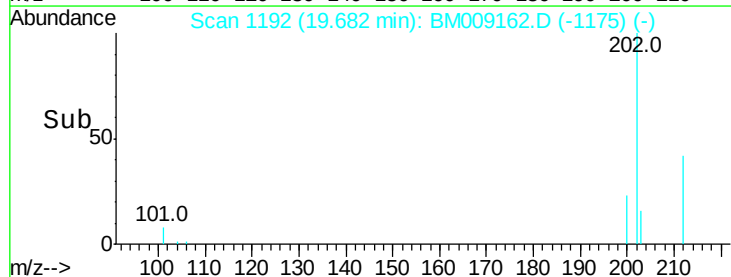
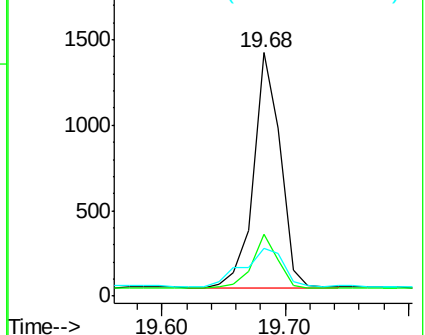
203 19.6 15.6 23.4

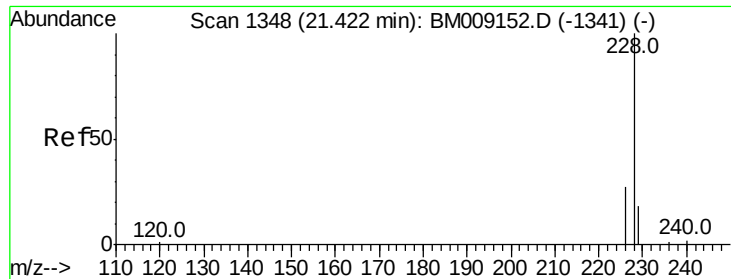


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.31 ng/ul

RT: 21.42 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BM009162.D

Acq: 10 Mar 2017 01:09

Instrument :

BNA_M

ClientSampleId :

C0AG7DL

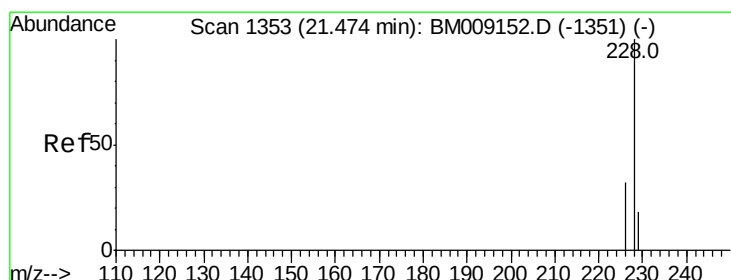
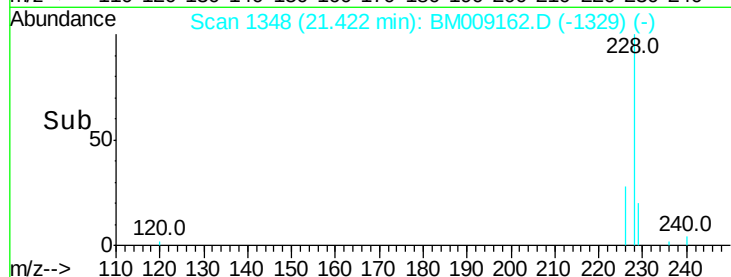
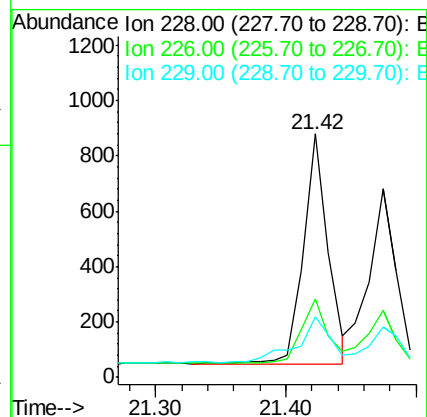
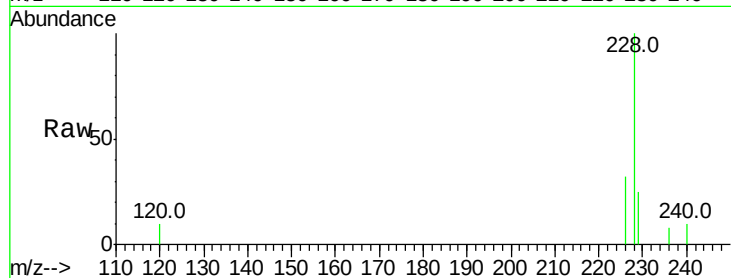
Tot Ion:228 Resp: 1082

Ion Ratio Lower Upper

228 100

226 32.2 22.8 34.2

229 25.0 17.0 25.6



#19

Chrysene

Concen: 0.32 ng/ul

RT: 21.42 min Scan# 1348

Delta R.T. -0.05 min

Lab File: BM009162.D

Acq: 10 Mar 2017 01:09

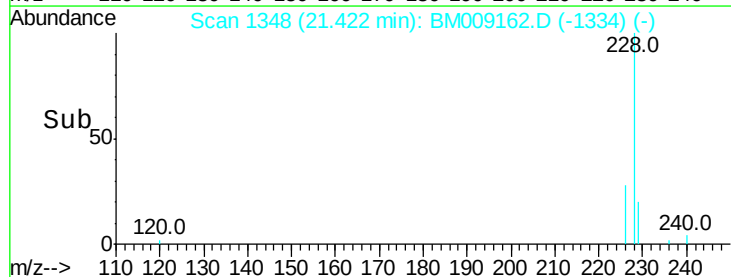
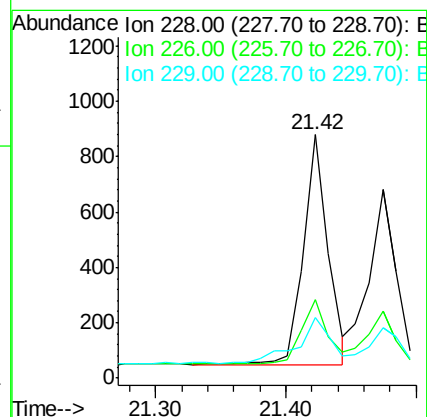
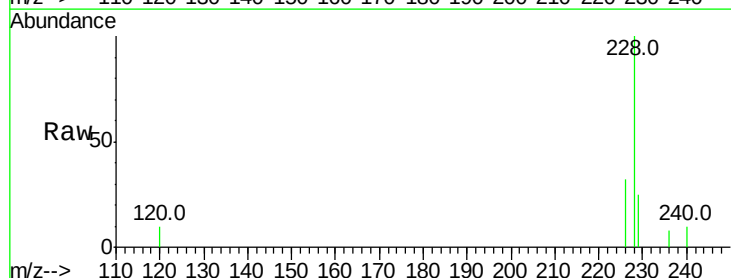
Tgt Ion:228 Resp: 1082

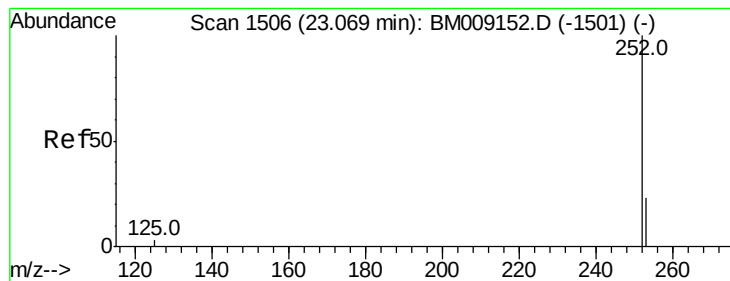
Ion Ratio Lower Upper

228 100

226 32.2 23.4 35.0

229 25.0 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.39 ng/ul

RT: 23.07 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BM009162.D

Acq: 10 Mar 2017 01:09

Instrument :

BNA_M

ClientSampleId :

C0AG7DL

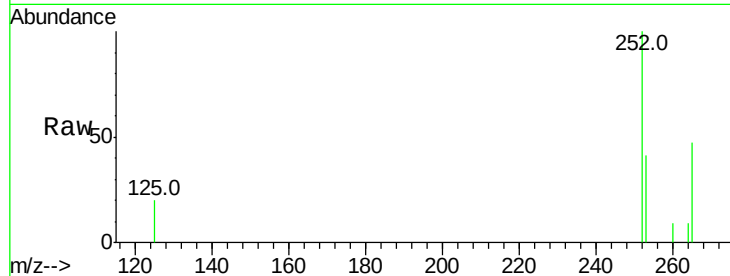
Tot Ion:252 Resp: 1616

Ion Ratio Lower Upper

252 100

253 41.3 0.0 64.2

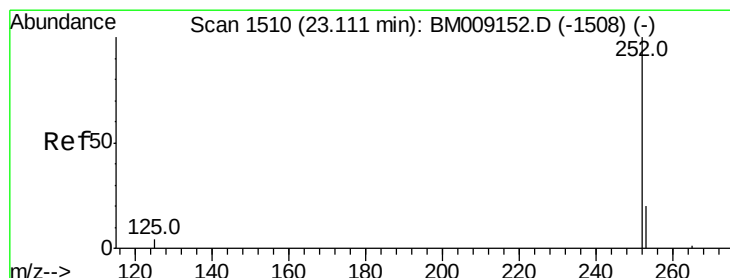
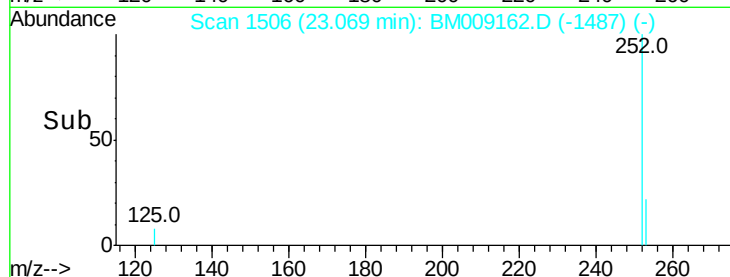
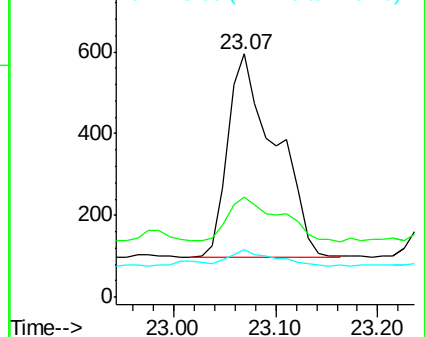
125 19.7 0.0 35.0



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: 0.44 ng/ul

RT: 23.07 min Scan# 1506

Delta R.T. -0.04 min

Lab File: BM009162.D

Acq: 10 Mar 2017 01:09

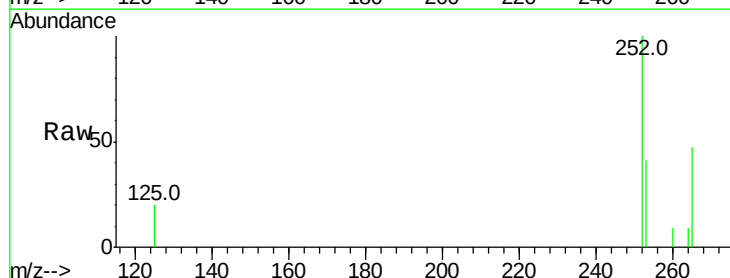
Tgt Ion:252 Resp: 1616

Ion Ratio Lower Upper

252 100

253 41.3 24.5 36.7#

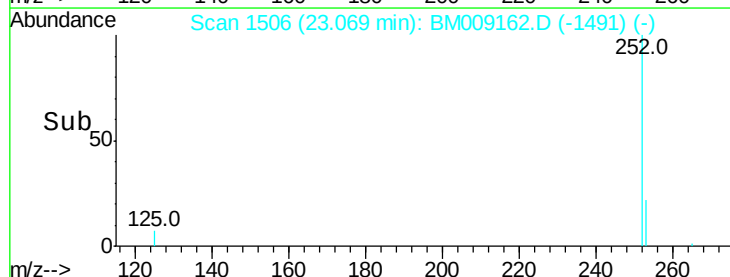
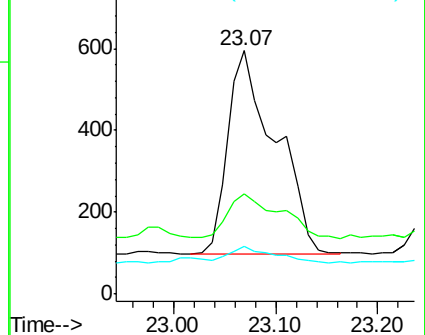
125 19.7 13.7 20.5

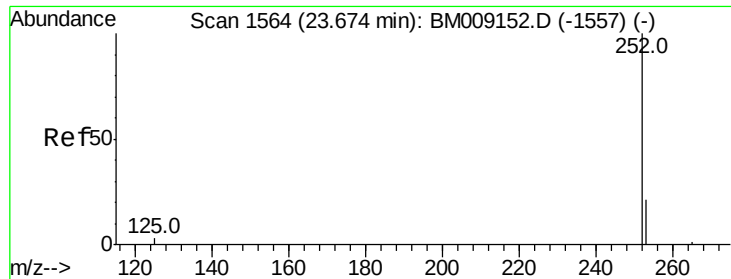


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.24 ng/ul

RT: 23.67 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BM009162.D

Acq: 10 Mar 2017 01:09

Instrument :

BNA_M

ClientSampleId :

C0AG7DL

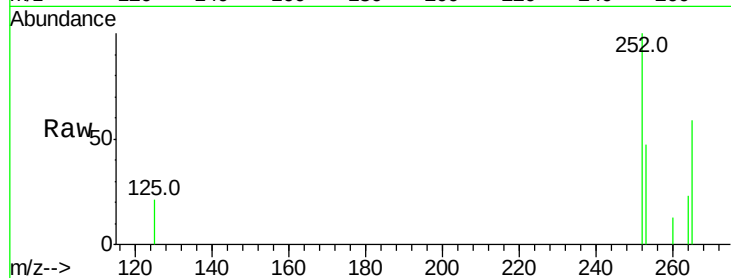
Tot Ion:252 Resp: 894

Ion Ratio Lower Upper

252 100

253 47.3 28.5 42.7#

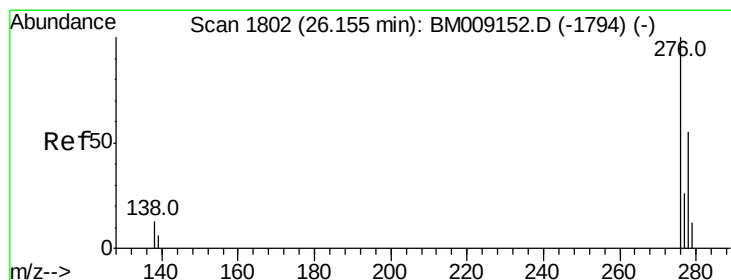
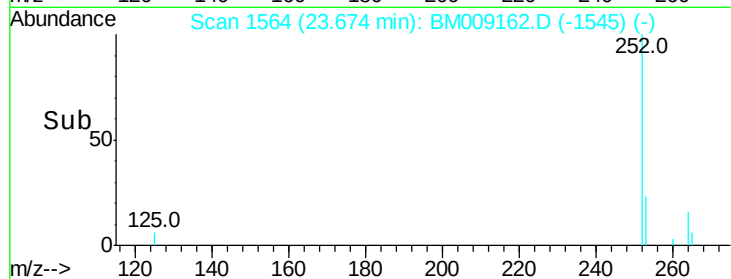
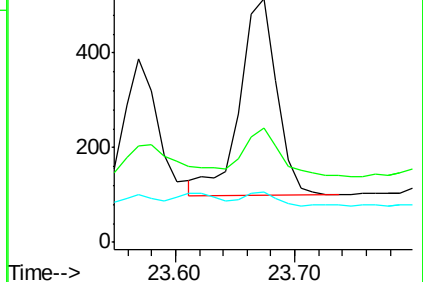
125 20.6 18.1 27.1



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: 0.12 ng/ul

RT: 26.15 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BM009162.D

Acq: 10 Mar 2017 01:09

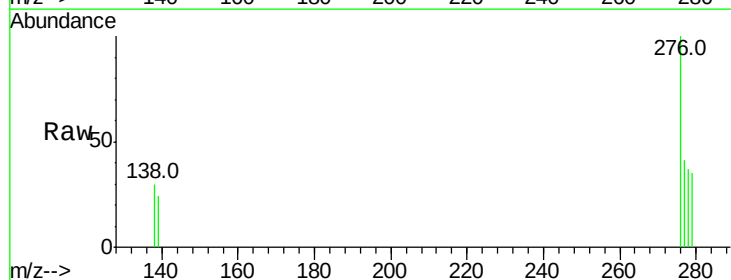
Tgt Ion:276 Resp: 556

Ion Ratio Lower Upper

276 100

138 13.3 19.1 28.7#

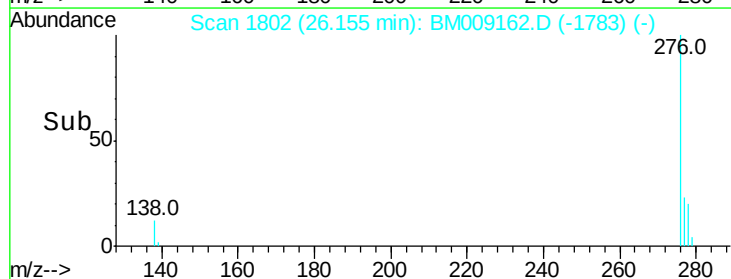
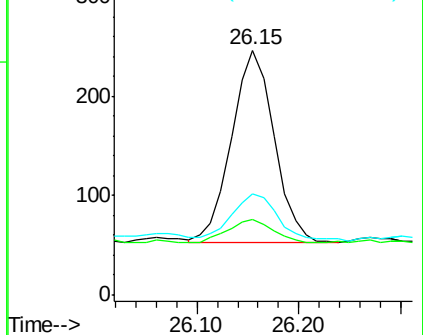
277 27.2 19.6 29.4

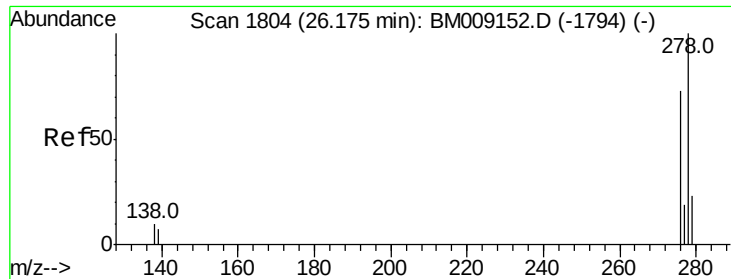


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.04 ng/ul

RT: 26.17 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BM009162.D

Acq: 10 Mar 2017 01:09

Instrument :

BNA_M

ClientSampleId :

C0AG7DL

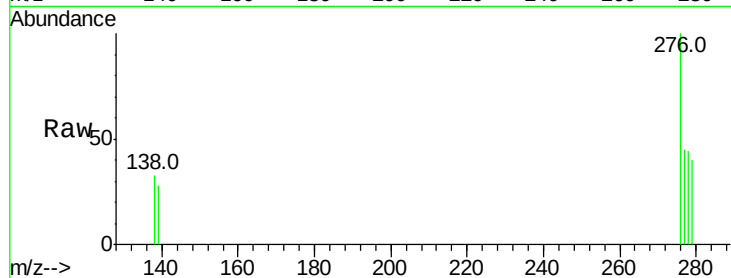
Tot Ion:278 Resp: 148

Ion Ratio Lower Upper

278 100

139 62.9 17.4 26.0#

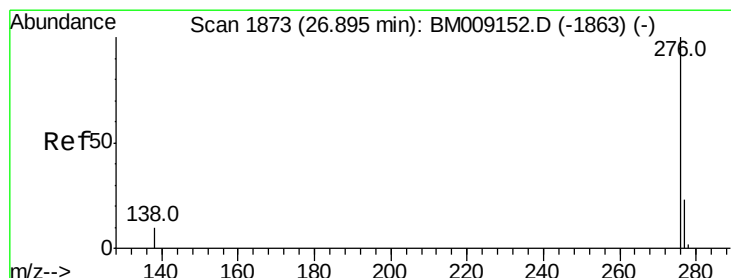
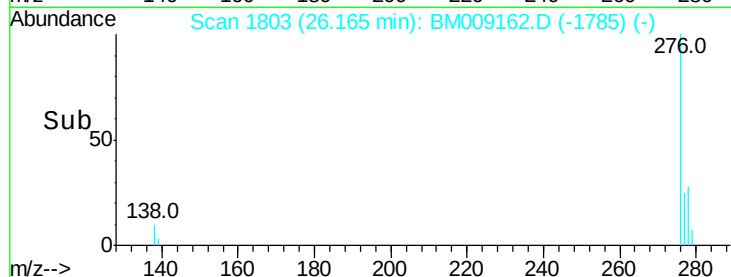
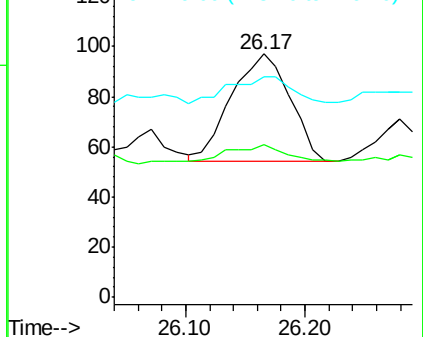
279 90.7 25.9 38.9#



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: 0.12 ng/ul

RT: 26.89 min Scan# 1873

Delta R.T. 0.00 min

Lab File: BM009162.D

Acq: 10 Mar 2017 01:09

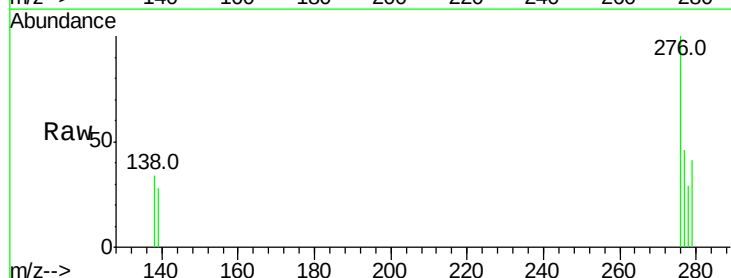
Tgt Ion:276 Resp: 494

Ion Ratio Lower Upper

276 100

277 45.6 21.8 32.8#

138 34.4 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

