

Data Path : Z:\HPCHEM1\BNA M\DATA\BM053017\
 Data File : BM010326.D
 Acq On : 30 May 2017 23:47
 Operator : SJ/MA
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 31 06:03:31 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM053017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 31 06:00:47 2017
 Response via : Initial Calibration

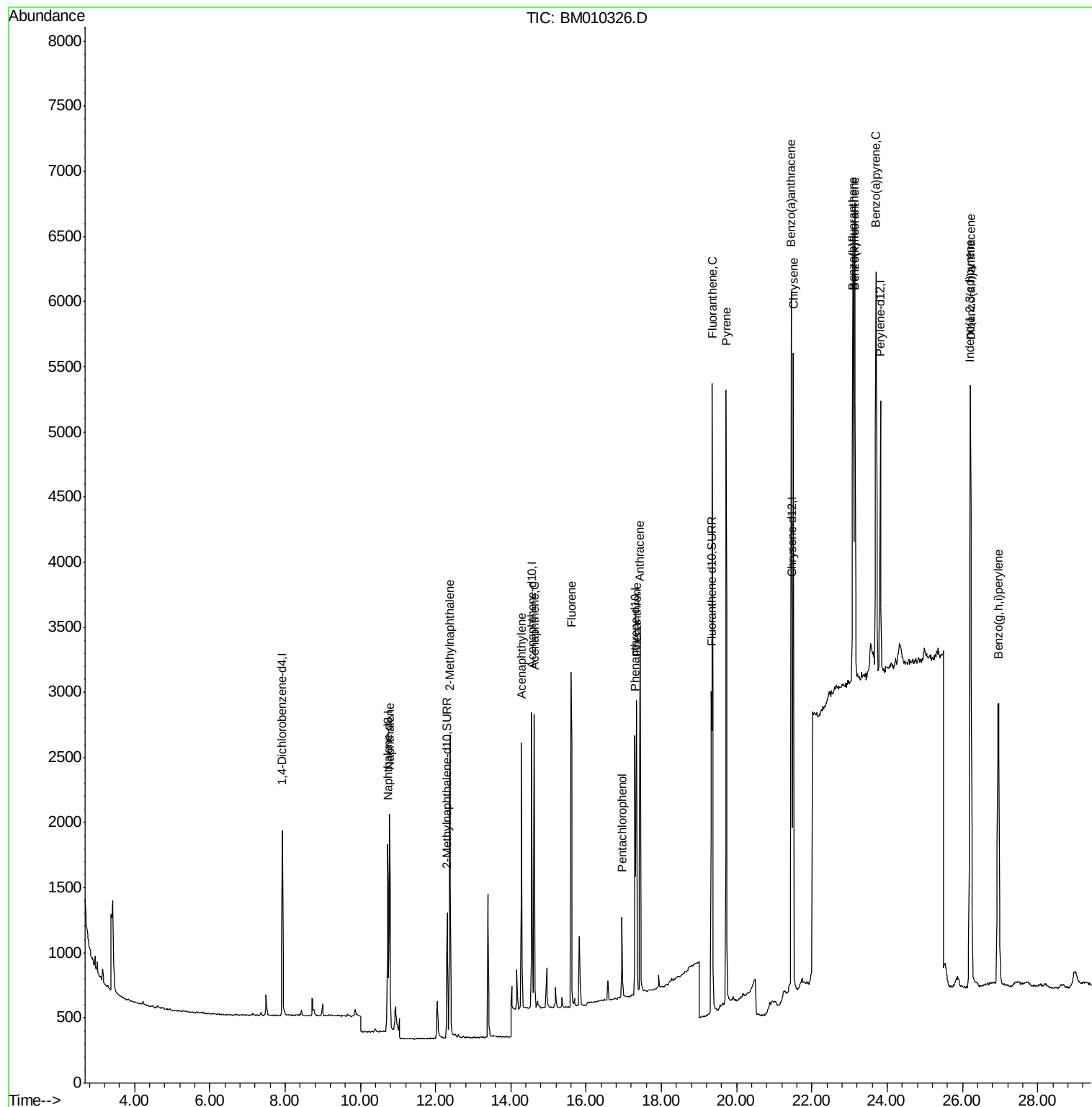
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	781	0.40	ng/ul	0.00
2) Naphthalene-d8	10.73	136	2241	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	1252	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	2813	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	2879	0.40	ng/ul	0.00
20) Perylene-d12	23.82	264	3007	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.31	152	1316	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	3065	0.41	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.78	128	2378	0.40	ng/ul	99
5) 2-Methylnaphthalene	12.38	142	1711	0.41	ng/ul	99
7) Acenaphthylene	14.28	152	2538	0.41	ng/ul	99
8) Acenaphthene	14.62	153	1882	0.40	ng/ul	98
9) Fluorene	15.60	166	2170	0.38	ng/ul#	74
11) Pentachlorophenol	16.95	266	490	0.46	ng/ul	94
12) Phenanthrene	17.35	178	3485	0.39	ng/ul	98
13) Anthracene	17.43	178	3375	0.40	ng/ul	98
15) Fluoranthene	19.35	202	4578	0.41	ng/ul	99
17) Pyrene	19.71	202	4807	0.39	ng/ul	94
18) Benzo(a)anthracene	21.45	228	4810	0.41	ng/ul	96
19) Chrysene	21.50	228	4530	0.40	ng/ul	97
21) Benzo(b)fluoranthene	23.09	252	5460	0.41	ng/ul	97
22) Benzo(k)fluoranthene	23.14	252	4684	0.37	ng/ul#	96
23) Benzo(a)pyrene	23.70	252	5001	0.40	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	26.20	276	6214	0.38	ng/ul	97
25) Dibenzo(a,h)anthracene	26.21	278	4944	0.38	ng/ul	98
26) Benzo(a,h,i)perylene	26.95	276	5294	0.38	ng/ul	98

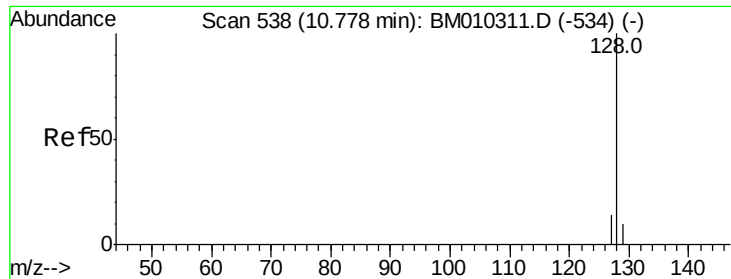
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 31 06:00:47 2017
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#3

Naphthalene

Concen: 0.40 ng/ul

RT: 10.78 min Scan# 538

Delta R.T. 0.00 min

Lab File: BM010326.D

Acq: 30 May 2017 23:47

Instrument :

BNA_M

ClientSampleId :

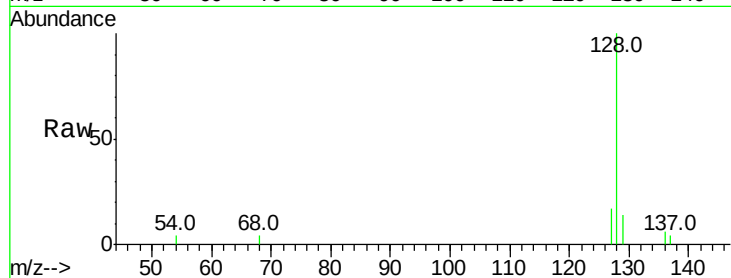
Tot Ion:128 Resp: 2378

Ion Ratio Lower Upper

128 100

129 14.3 11.4 17.0

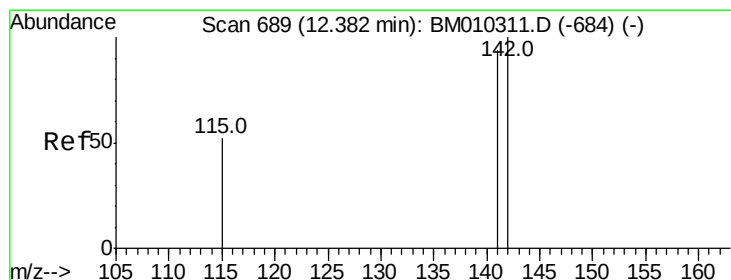
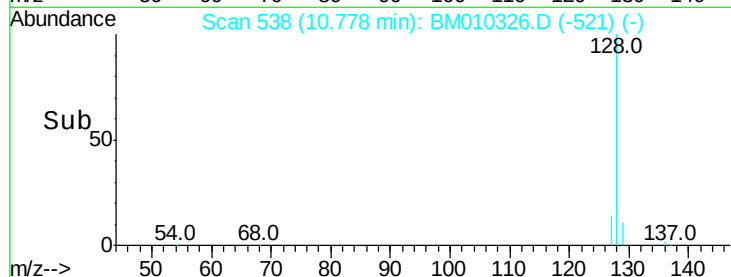
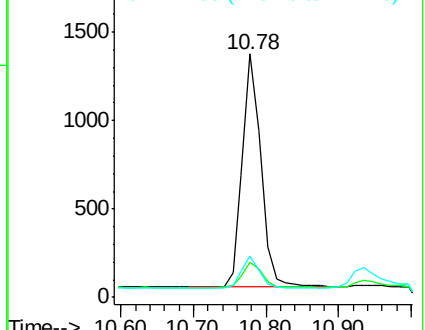
127 16.8 14.0 21.0



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: 12.38 min Scan# 689

Delta R.T. 0.00 min

Lab File: BM010326.D

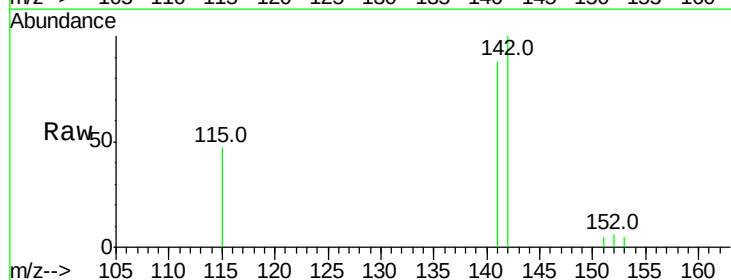
Acq: 30 May 2017 23:47

Tgt Ion:142 Resp: 1711

Ion Ratio Lower Upper

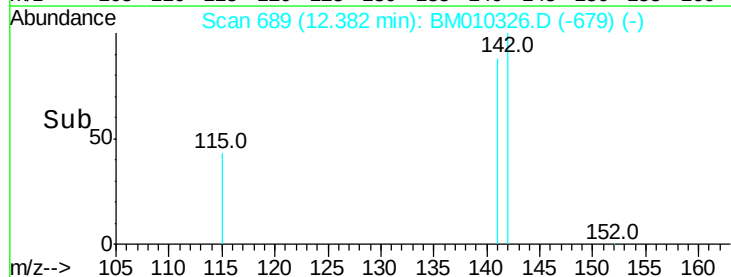
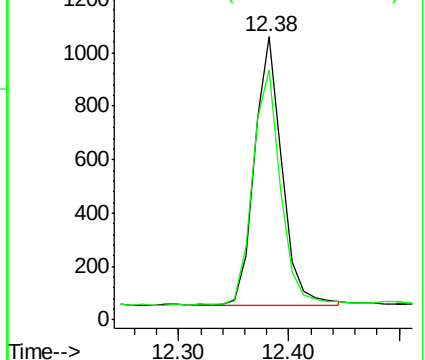
142 100

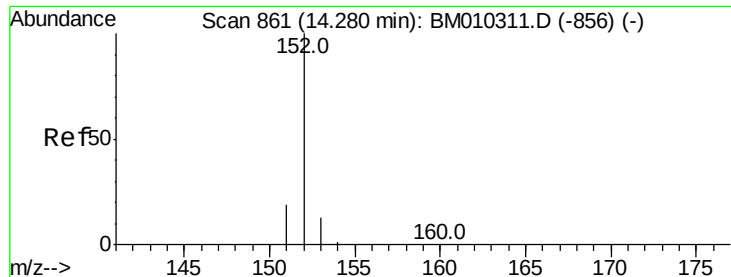
141 90.2 72.8 109.2



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: 14.28 min Scan# 861

Delta R.T. 0.00 min

Lab File: BM010326.D

Acq: 30 May 2017 23:47

Instrument :

BNA_M

ClientSampleId :

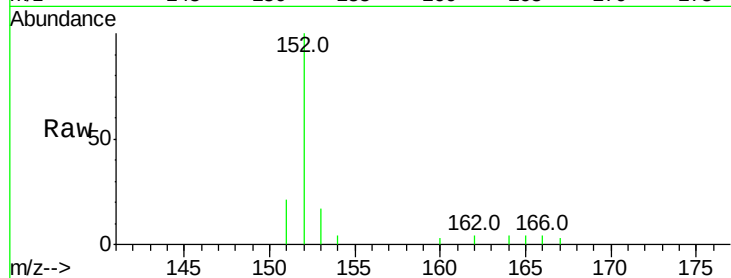
Tot Ion:152 Resp: 2538

Ion Ratio Lower Upper

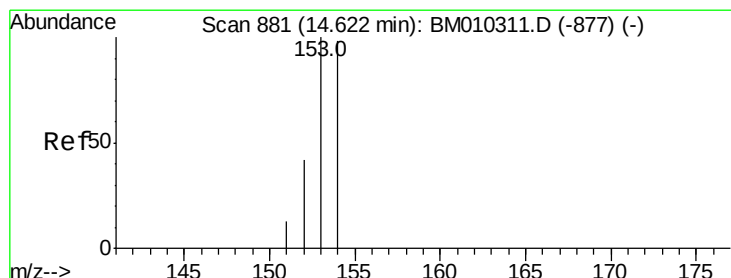
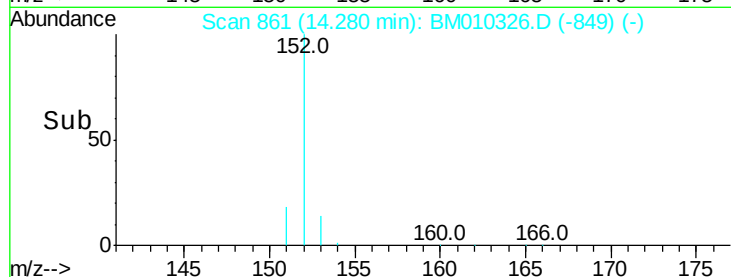
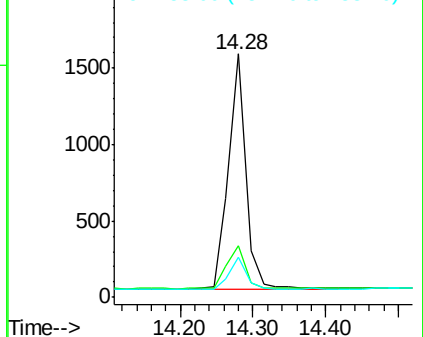
152 100

151 21.2 17.8 26.6

153 16.6 13.3 19.9



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: 0.40 ng/ul

RT: 14.62 min Scan# 881

Delta R.T. 0.00 min

Lab File: BM010326.D

Acq: 30 May 2017 23:47

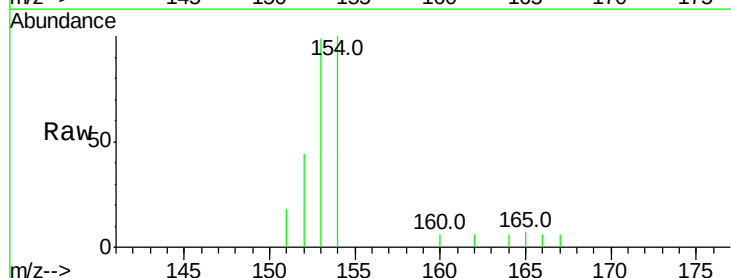
Tgt Ion:153 Resp: 1882

Ion Ratio Lower Upper

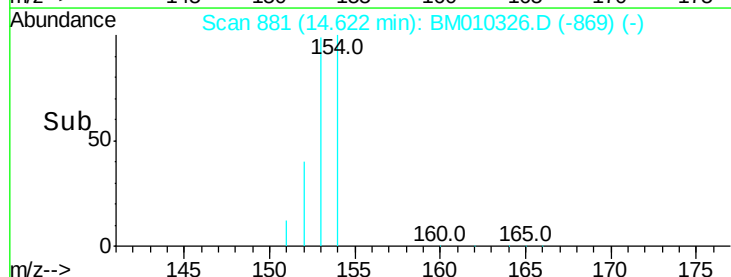
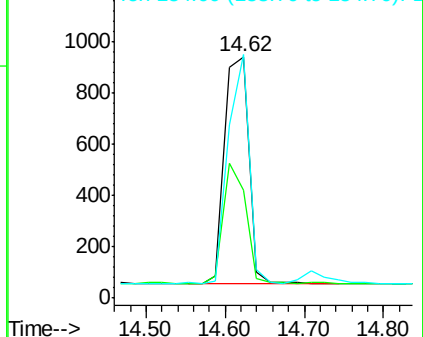
153 100

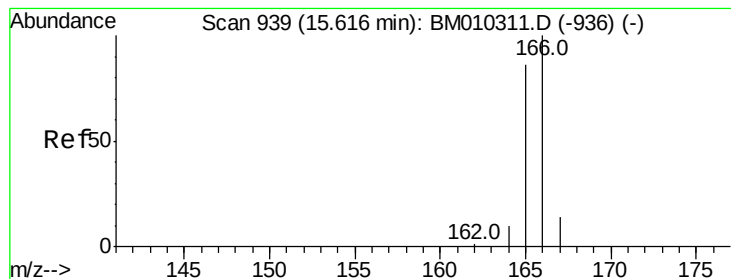
152 44.5 36.5 54.7

154 100.7 78.5 117.7



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: 0.38 ng/ul

RT: 15.60 min Scan# 938

Delta R.T. -0.02 min

Lab File: BM010326.D

Acq: 30 May 2017 23:47

Instrument :

BNA_M

ClientSampleId :

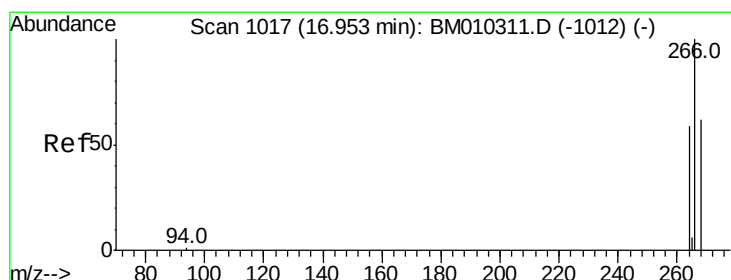
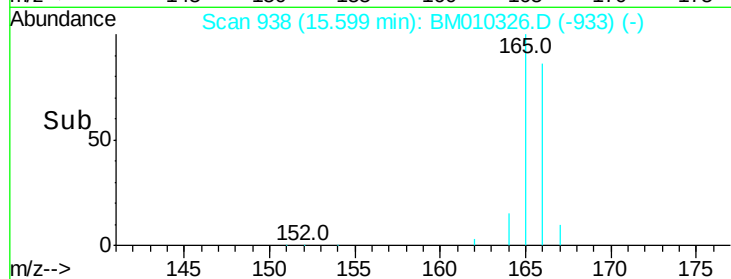
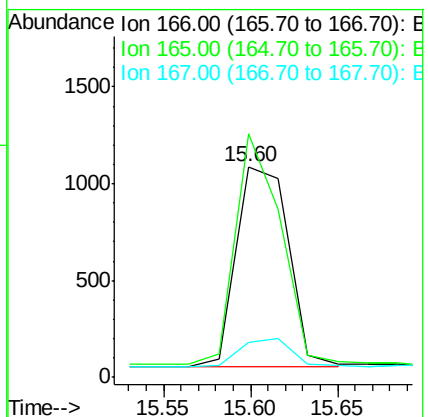
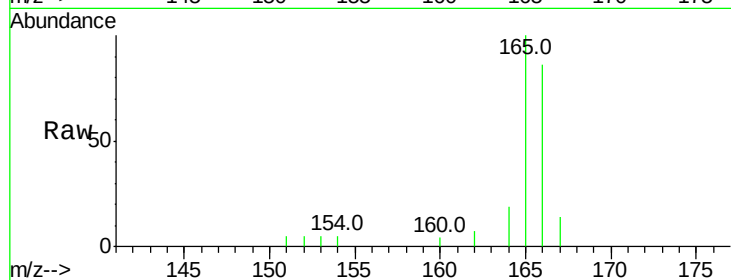
Tot Ion:166 Resp: 2170

Ion Ratio Lower Upper

166 100

165 115.6 69.5 104.3#

167 16.7 14.7 22.1



#11

Pentachlorophenol

Concen: 0.46 ng/ul

RT: 16.95 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BM010326.D

Acq: 30 May 2017 23:47

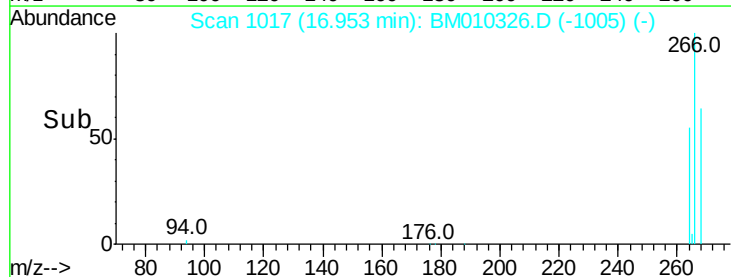
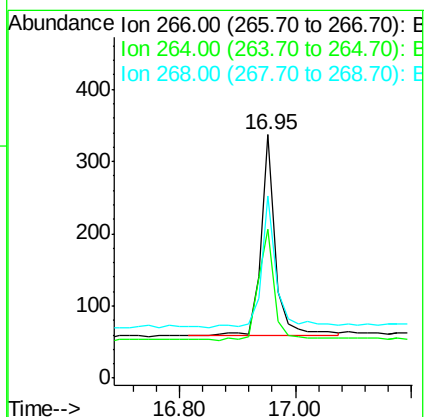
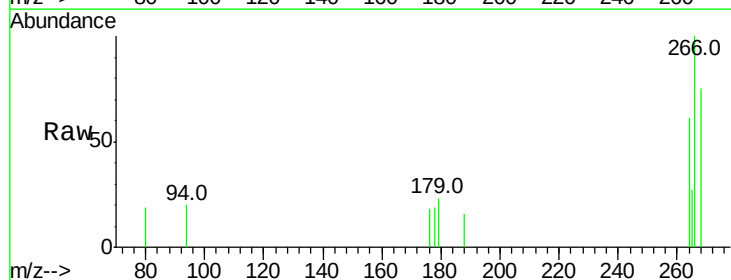
Tgt Ion:266 Resp: 490

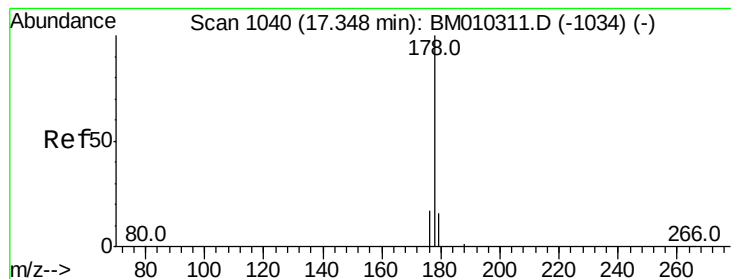
Ion Ratio Lower Upper

266 100

264 64.7 47.4 71.0

268 65.7 50.0 75.0





#12

Phenanthrene

Concen: 0.39 ng/ul

RT: 17.35 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BM010326.D

Acq: 30 May 2017 23:47

Instrument :

BNA_M

ClientSampleId :

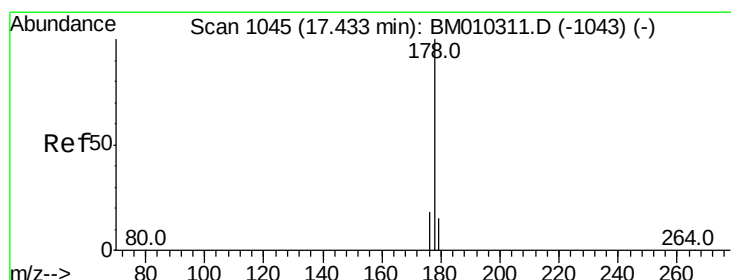
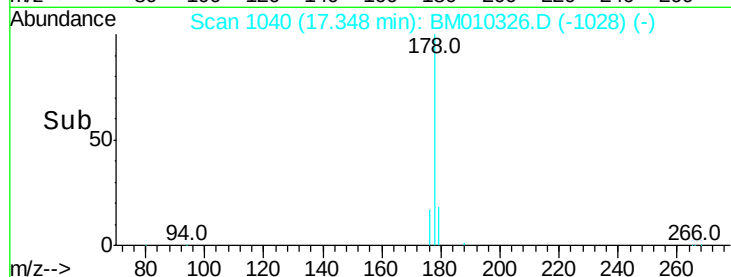
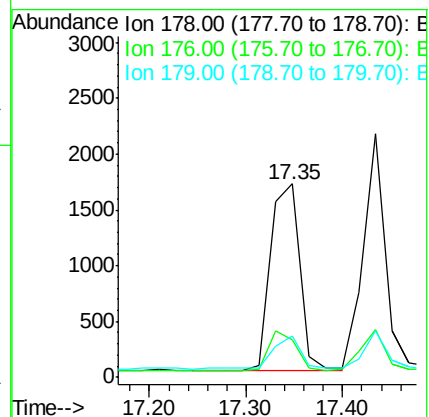
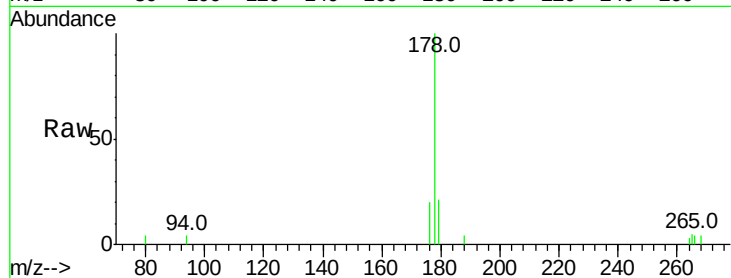
Tot Ion:178 Resp: 3485

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 21.3 15.8 23.6



#13

Anthracene

Concen: 0.40 ng/ul

RT: 17.43 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BM010326.D

Acq: 30 May 2017 23:47

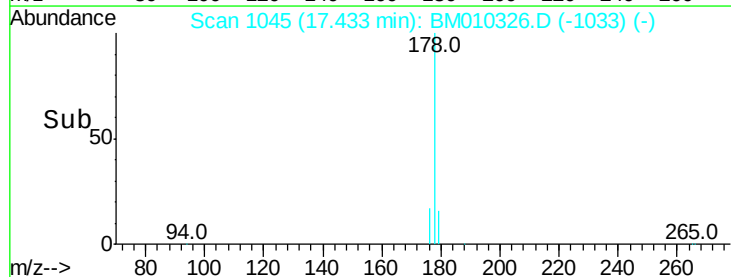
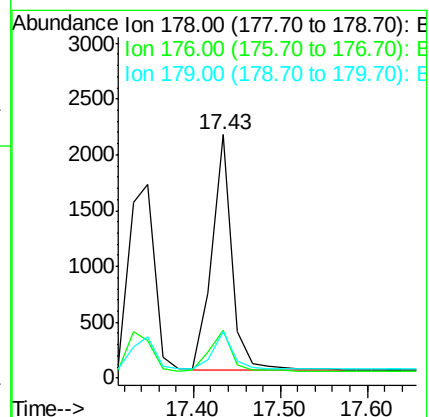
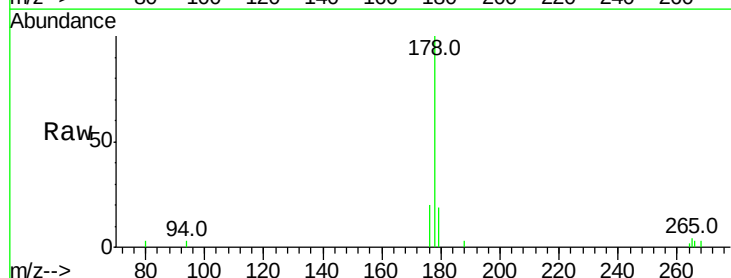
Tgt Ion:178 Resp: 3375

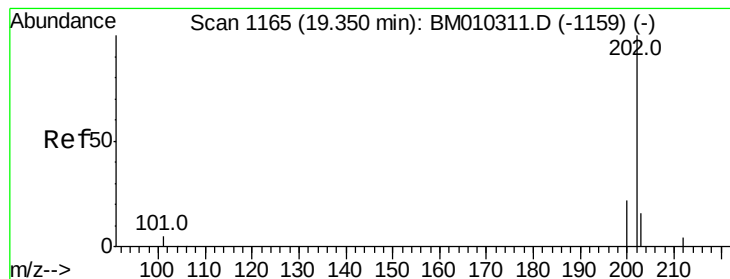
Ion Ratio Lower Upper

178 100

176 19.9 16.6 25.0

179 18.9 14.7 22.1





#15

Fluoranthene

Concen: 0.41 ng/ul

RT: 19.35 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BM010326.D

Acq: 30 May 2017 23:47

Instrument :

BNA_M

ClientSampleId :

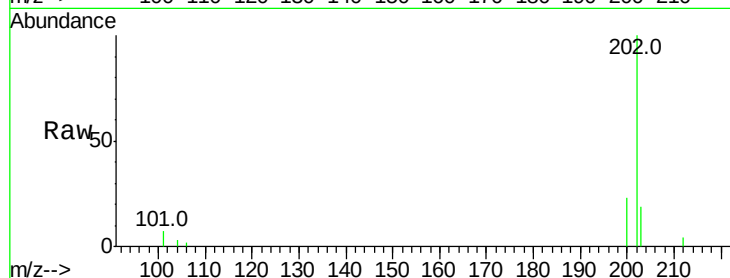
Tot Ion:202 Resp: 4578

Ion Ratio Lower Upper

202 100

101 7.1 0.0 27.3

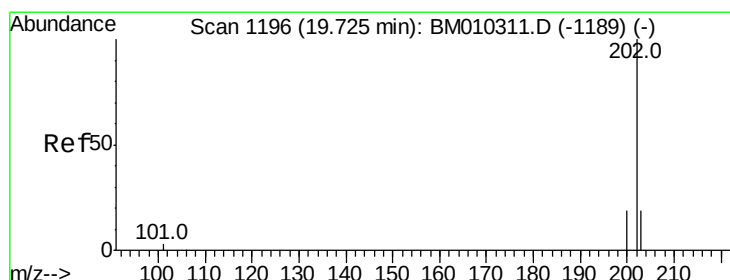
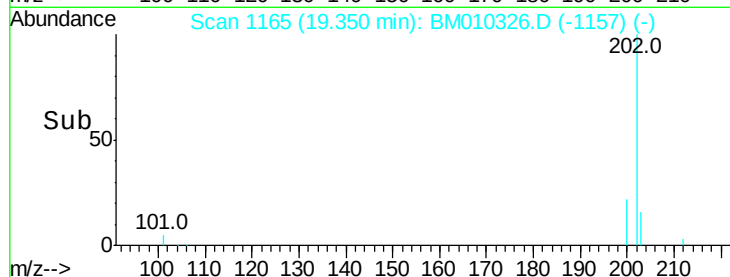
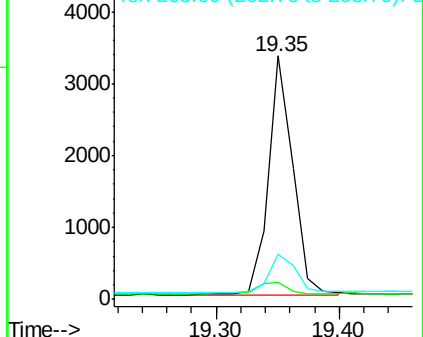
203 18.7 0.0 38.5



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: 0.39 ng/ul

RT: 19.71 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BM010326.D

Acq: 30 May 2017 23:47

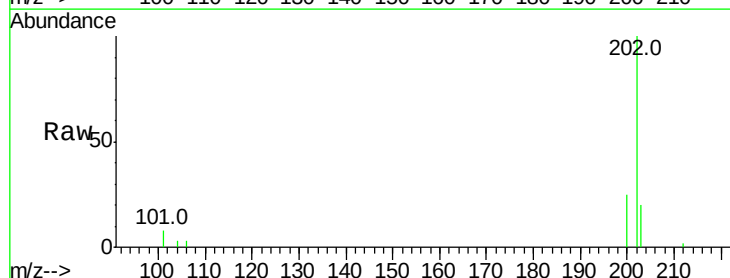
Tgt Ion:202 Resp: 4807

Ion Ratio Lower Upper

202 100

200 24.5 16.4 24.6

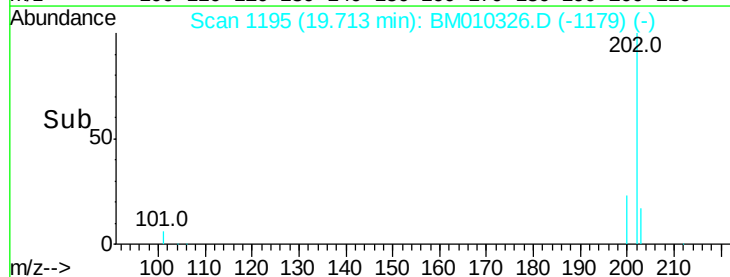
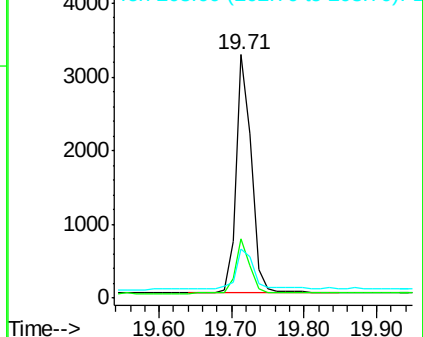
203 20.2 17.5 26.3

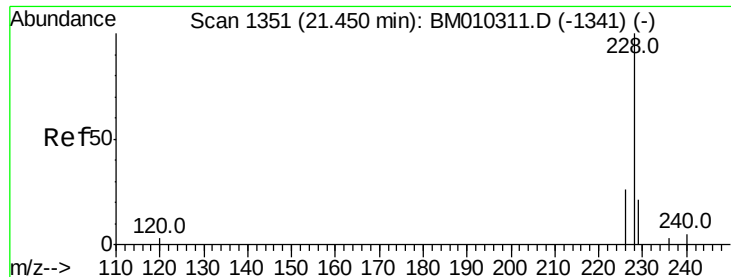


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.45 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BM010326.D

Acq: 30 May 2017 23:47

Instrument :

BNA_M

ClientSampleId :

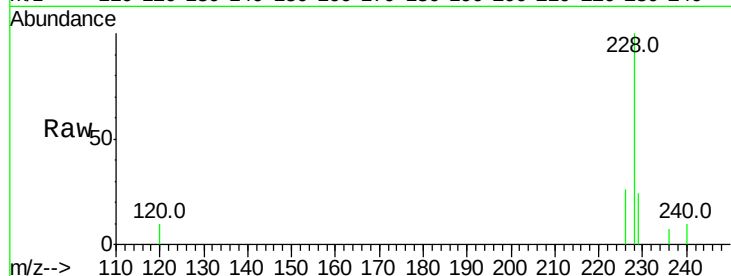
Tot Ion:228 Resp: 4810

Ion Ratio Lower Upper

228 100

226 26.3 22.6 34.0

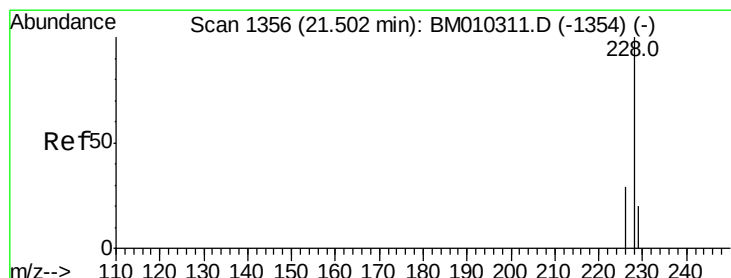
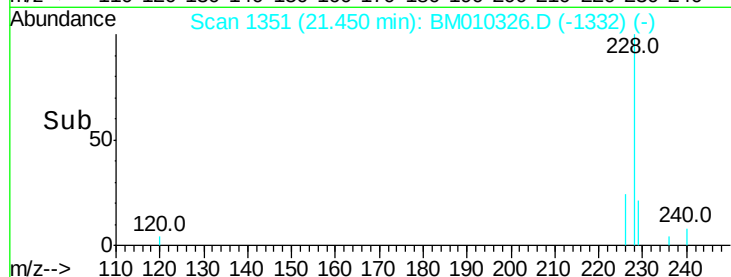
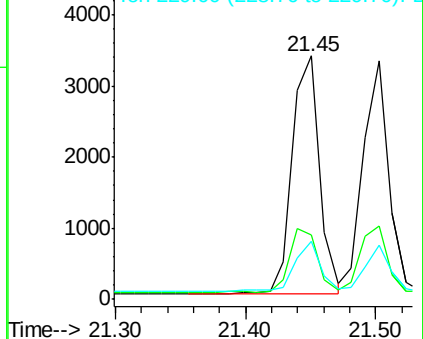
229 23.9 17.9 26.9



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: 0.40 ng/ul

RT: 21.50 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BM010326.D

Acq: 30 May 2017 23:47

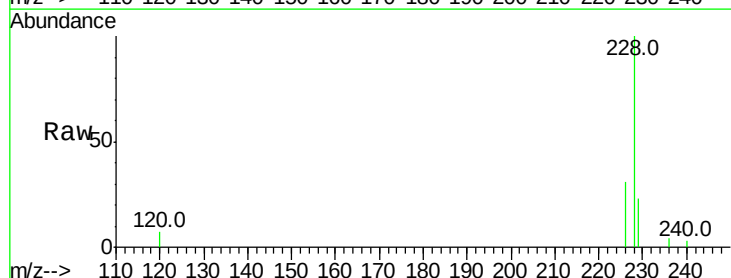
Tgt Ion:228 Resp: 4530

Ion Ratio Lower Upper

228 100

226 30.7 25.7 38.5

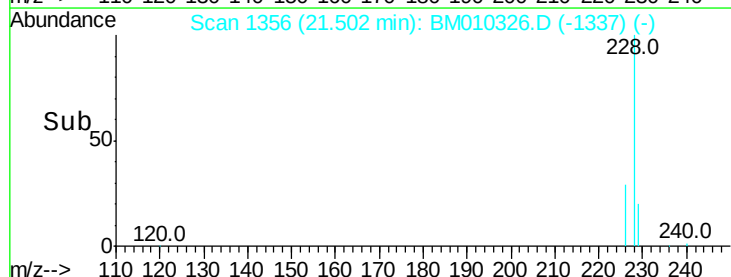
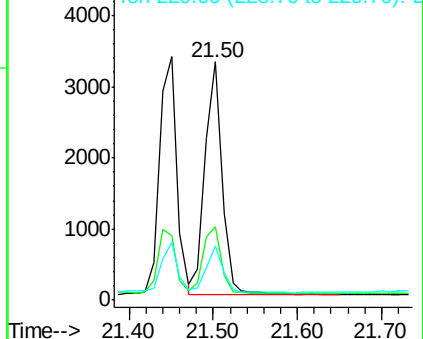
229 22.9 17.3 25.9

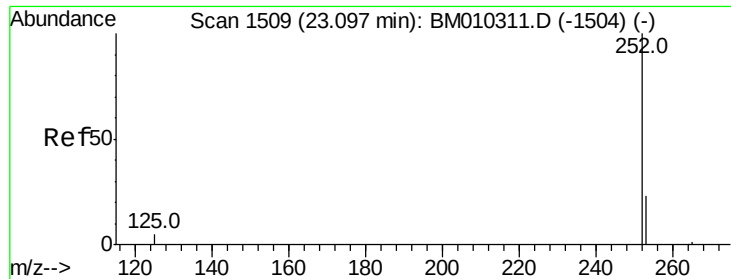


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.41 ng/ul

RT: 23.09 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BM010326.D

Acq: 30 May 2017 23:47

Instrument :

BNA_M

ClientSampleId :

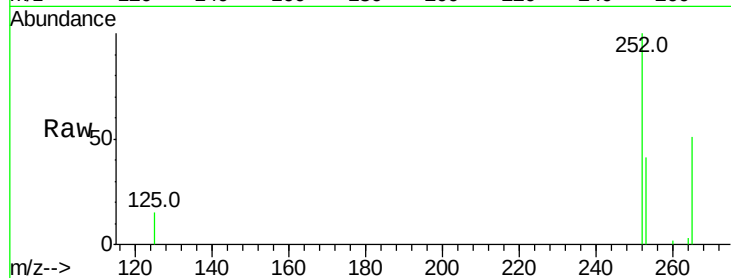
Tot Ion:252 Resp: 5460

Ion Ratio Lower Upper

252 100

253 40.7 0.0 83.0

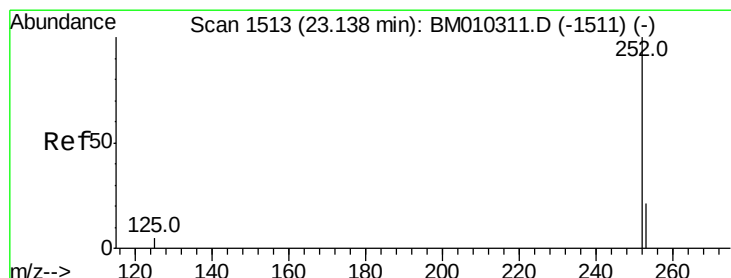
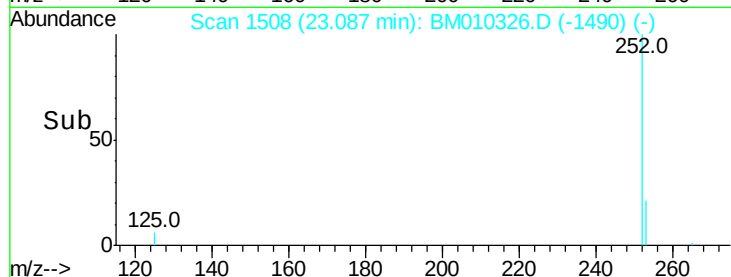
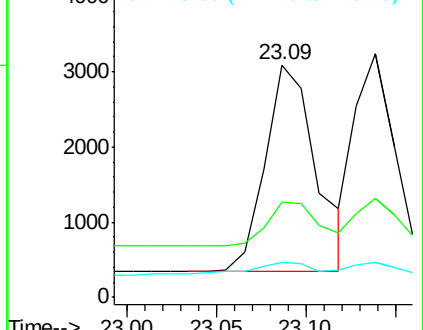
125 15.1 0.0 23.2



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: 0.37 ng/ul

RT: 23.14 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BM010326.D

Acq: 30 May 2017 23:47

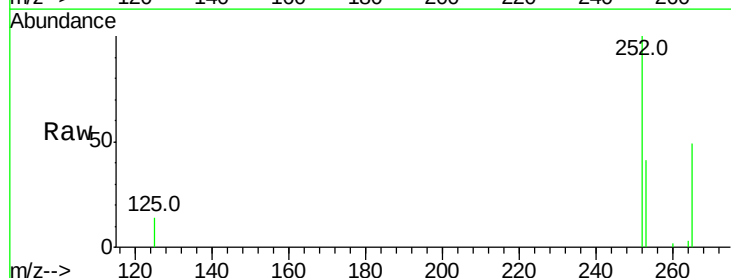
Tgt Ion:252 Resp: 4684

Ion Ratio Lower Upper

252 100

253 40.7 31.0 46.6

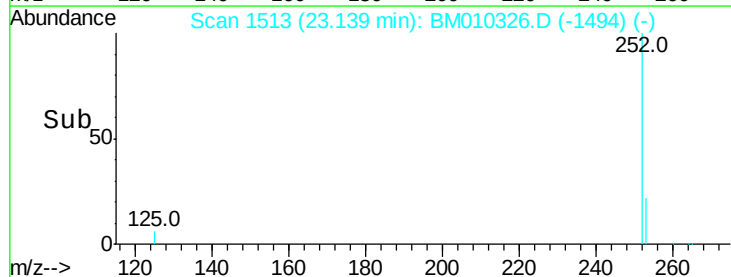
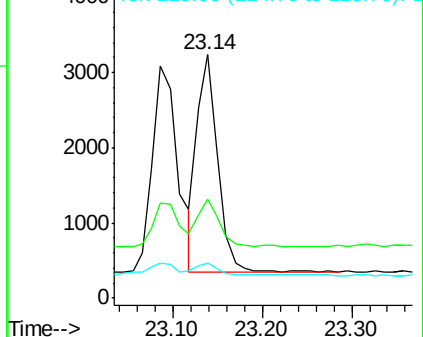
125 14.2 9.1 13.7#

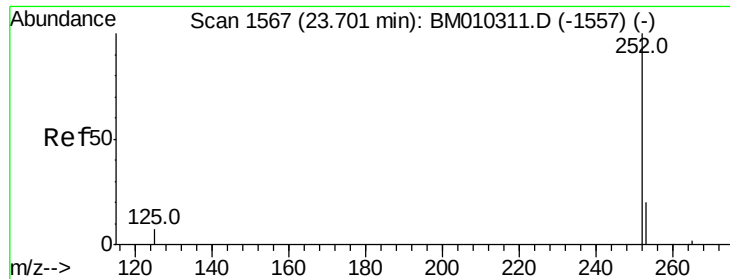


Abundance Ion 252.00 (251.70 to 252.70): E

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: 23.70 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BM010326.D

Acq: 30 May 2017 23:47

Instrument :

BNA_M

ClientSampleId :

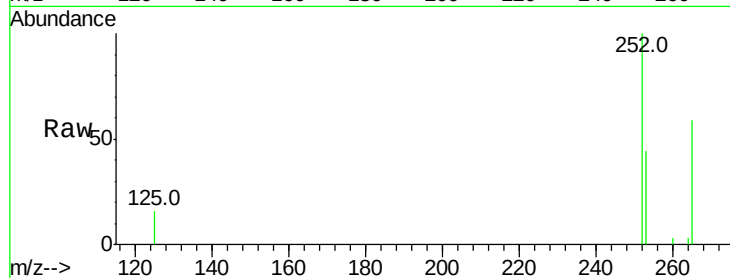
Tot Ion:252 Resp: 5001

Ion Ratio Lower Upper

252 100

253 44.0 34.2 51.4

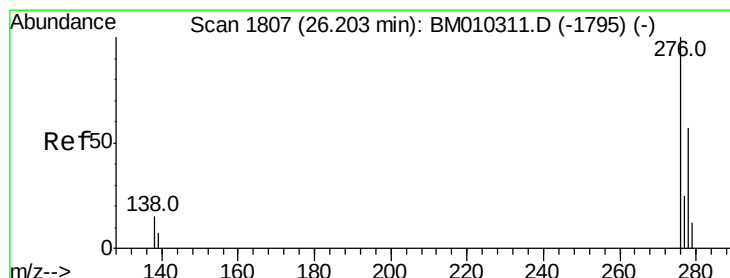
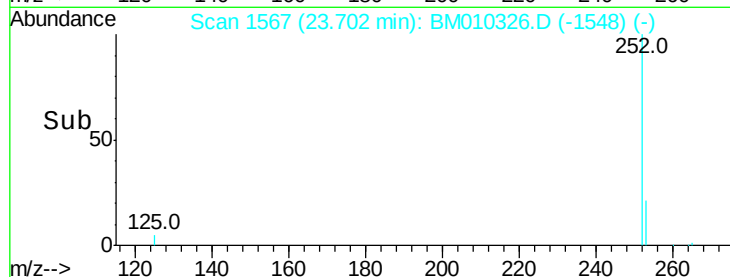
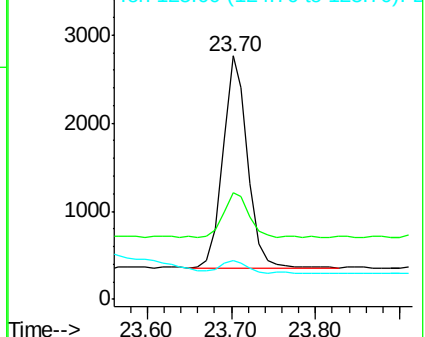
125 16.0 11.1 16.7



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: 0.38 ng/ul

RT: 26.20 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BM010326.D

Acq: 30 May 2017 23:47

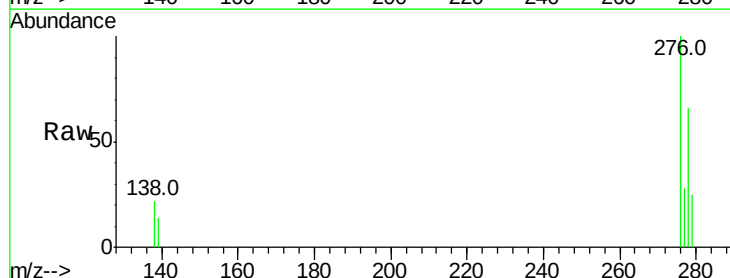
Tgt Ion:276 Resp: 6214

Ion Ratio Lower Upper

276 100

138 18.0 12.7 19.1

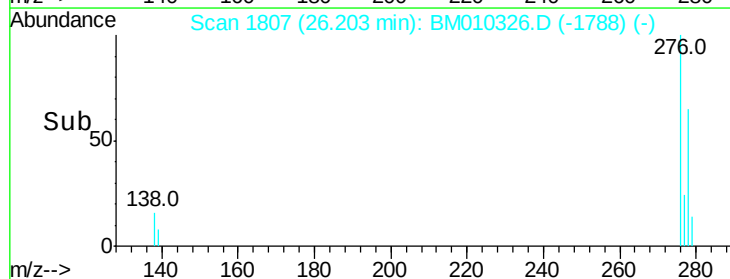
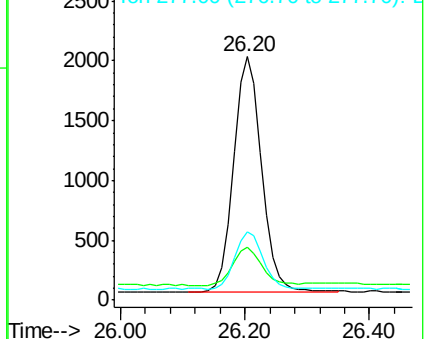
277 24.3 19.9 29.9

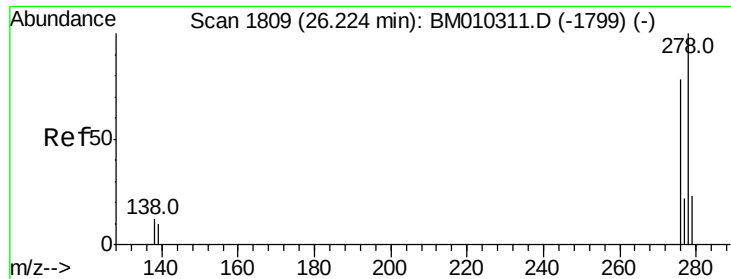


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



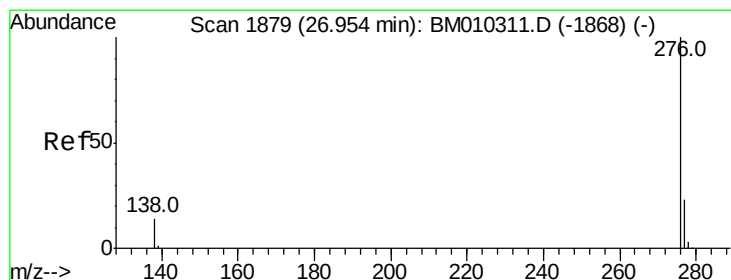
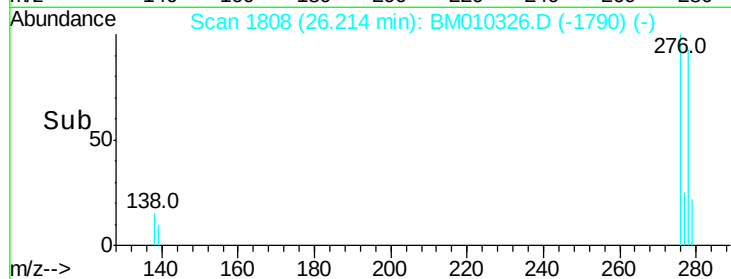
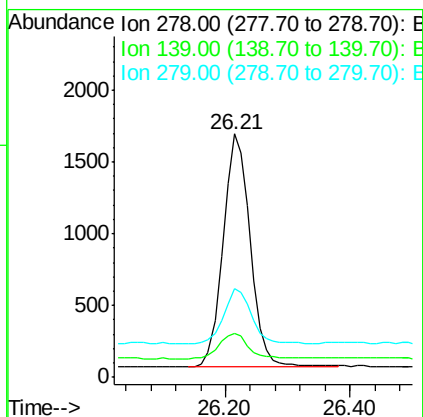
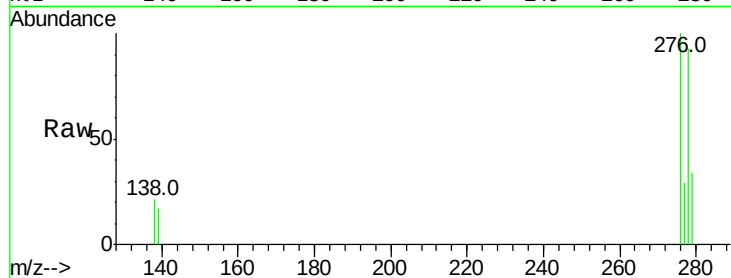


#25
Dibenzo(a,h)anthracene
Concen: 0.38 ng/ul
RT: 26.21 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BM010326.D
Acq: 30 May 2017 23:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 4944

Ion	Ratio	Lower	Upper
278	100		
139	18.2	12.3	18.5
279	36.2	29.2	43.8



#26
Benzo(g,h,i)perylene
Concen: 0.38 ng/ul
RT: 26.95 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BM010326.D
Acq: 30 May 2017 23:47

Tgt Ion:276 Resp: 5294

Ion	Ratio	Lower	Upper
276	100		
277	28.2	21.9	32.9
138	20.7	15.2	22.8

