

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
 Data File : BM009153.D
 Acq On : 09 Mar 2017 19:45
 Operator : SJ/MA
 Sample : I2069-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ2

Quant Time: Mar 10 03:17:05 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	203	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	606	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	365	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.36	188	47828	0.40	ng/ul	0.10
16) Chrysene-d12	21.44	240	1241	0.40	ng/ul	0.00
20) Perylene-d12	23.63	264	63342	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	189	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	685	0.00	ng/ul	0.00

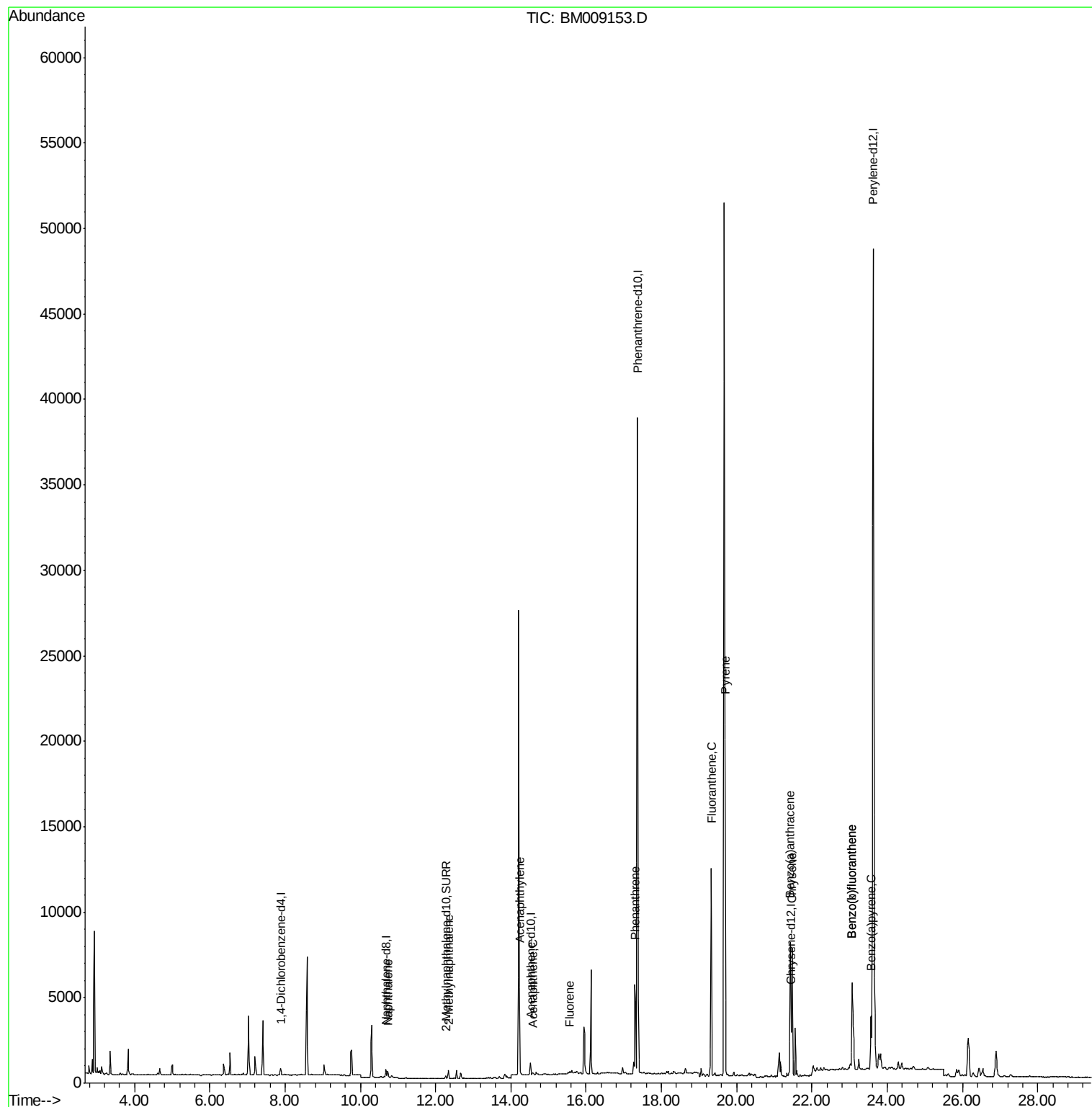
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.73	128	419	0.24	ng/ul#	71
5) 2-Methylnaphthalene	12.34	142	312	0.25	ng/ul	100
7) Acenaphthylene	14.23	152	101	0.05	ng/ul#	3
8) Acenaphthene	14.57	153	104	0.07	ng/ul#	81
9) Fluorene	15.56	166	127	0.07	ng/ul#	65
12) Phenanthrene	17.30	178	7586	0.05	ng/ul	97
15) Fluoranthene	19.33	202	13056	0.07	ng/ul	93
17) Pyrene	19.69	202	18480	4.33	ng/ul	96
18) Benzo(a)anthracene	21.42	228	8293	2.01	ng/ul	94
19) Chrysene	21.47	228	6978	1.78	ng/ul	93
21) Benzo(b)fluoranthene	23.07	252	6194	0.02	ng/ul	86
22) Benzo(k)fluoranthene	23.07	252	10961	0.05	ng/ul#	87
23) Benzo(a)pyrene	23.58	252	5057	0.02	ng/ul#	83

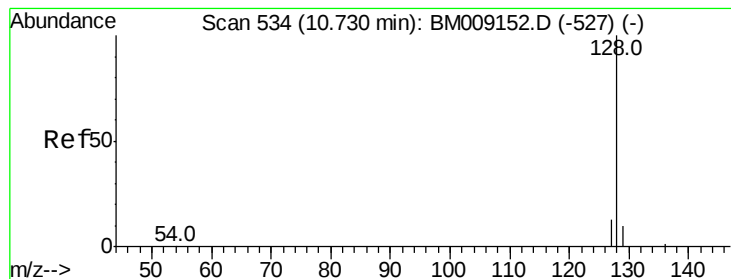
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009153.D
Acq On : 09 Mar 2017 19:45
Operator : SJ/MA
Sample : I2069-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ2

Quant Time: Mar 10 03:17:05 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





#3

Naphthalene

Concen: 0.24 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. 0.00 min

Lab File: BM009153.D

Acq: 09 Mar 2017 19:45

Instrument :

BNA_M

ClientSampleId :

C0AJ2

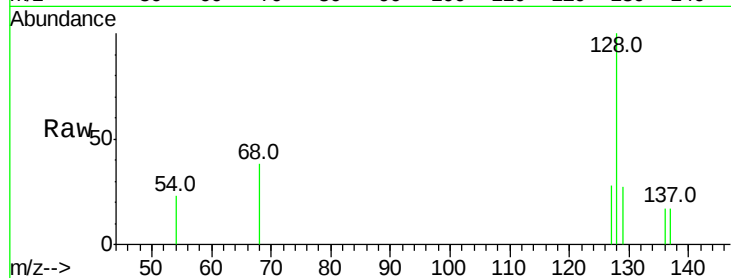
Tot Ion:128 Resp: 419

Ion Ratio Lower Upper

128 100

129 26.6 11.3 16.9#

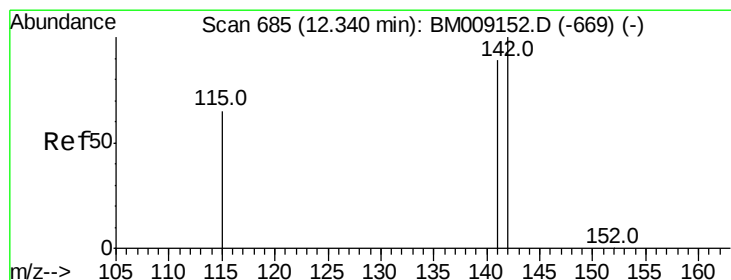
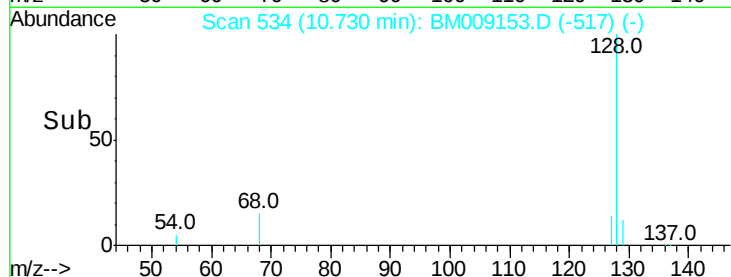
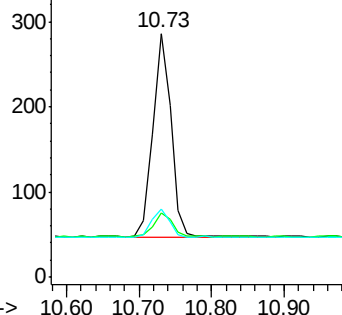
127 28.0 12.8 19.2#



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: 0.25 ng/ul

RT: 12.34 min Scan# 685

Delta R.T. 0.00 min

Lab File: BM009153.D

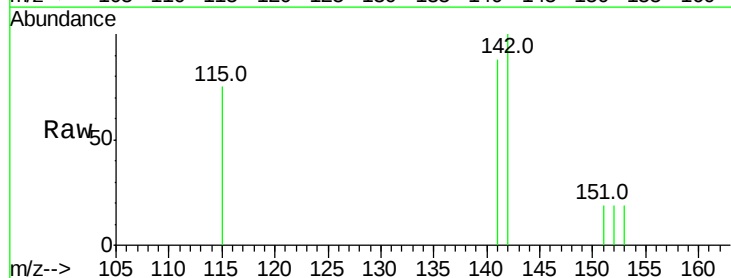
Acq: 09 Mar 2017 19:45

Tgt Ion:142 Resp: 312

Ion Ratio Lower Upper

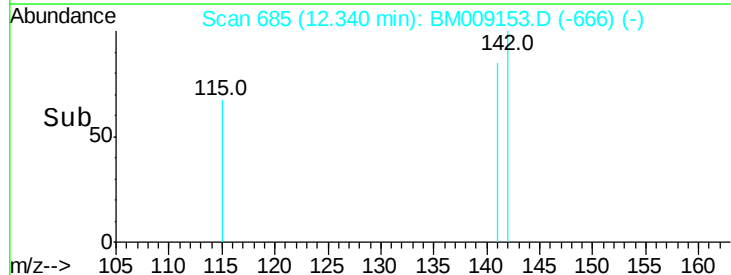
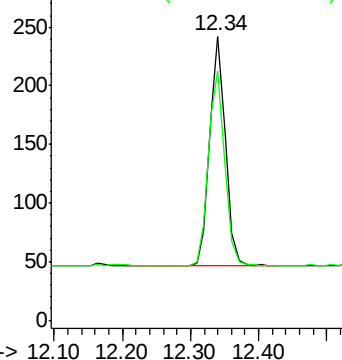
142 100

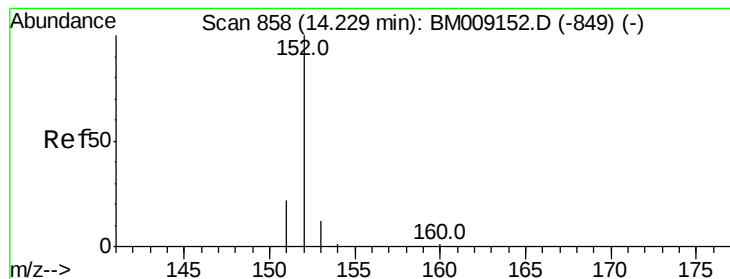
141 91.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.05 ng/ul

RT: 14.23 min Scan# 858

Delta R.T. 0.00 min

Lab File: BM009153.D

Acq: 09 Mar 2017 19:45

Instrument :

BNA_M

ClientSampleId :

C0AJ2

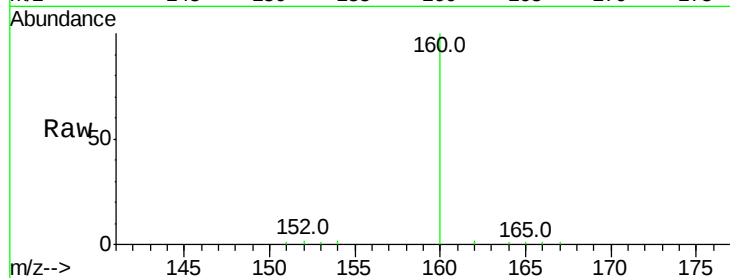
Tot Ion:152 Resp: 101

Ion Ratio Lower Upper

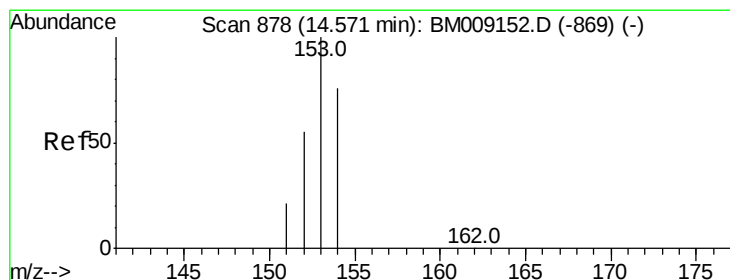
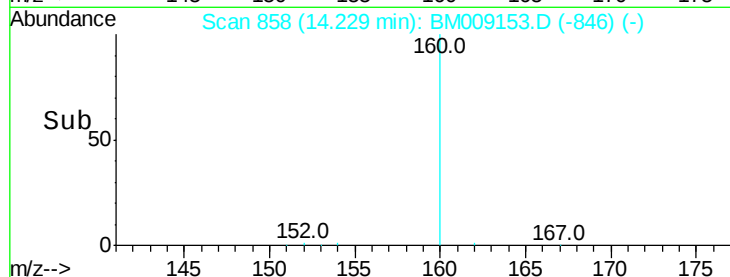
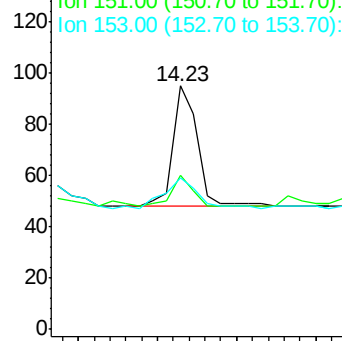
152 100

151 63.2 17.1 25.7#

153 62.1 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: 0.07 ng/ul

RT: 14.57 min Scan# 878

Delta R.T. 0.00 min

Lab File: BM009153.D

Acq: 09 Mar 2017 19:45

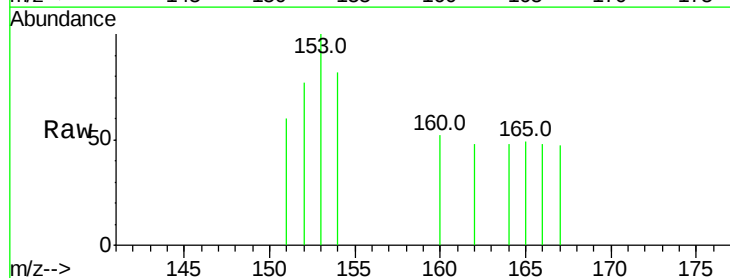
Tgt Ion:153 Resp: 104

Ion Ratio Lower Upper

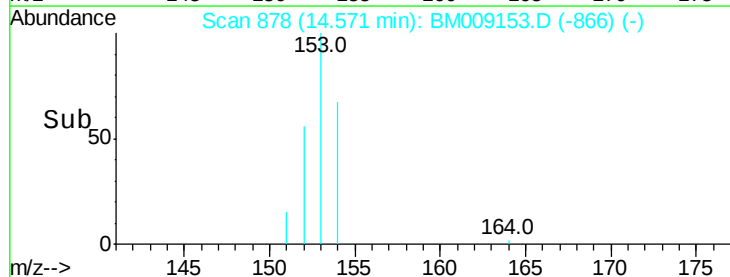
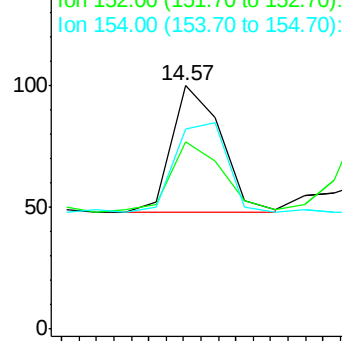
153 100

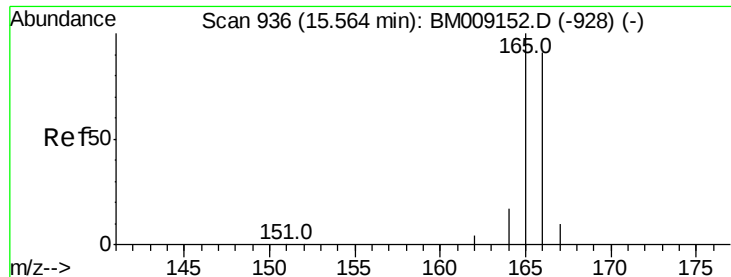
152 77.0 40.3 60.5#

154 82.0 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: 0.07 ng/ul

RT: 15.56 min Scan# 936

Delta R.T. 0.00 min

Lab File: BM009153.D

Acq: 09 Mar 2017 19:45

Instrument :

BNA_M

ClientSampleId :

C0AJ2

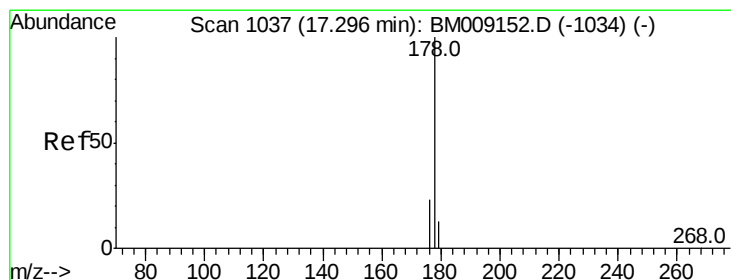
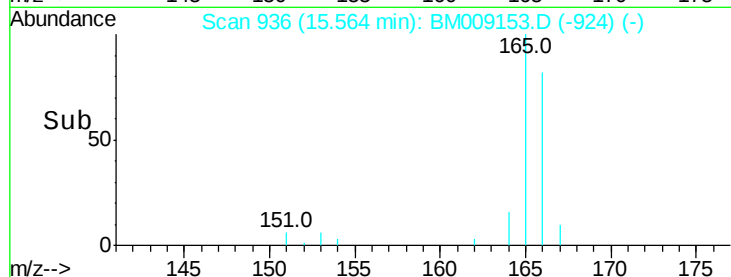
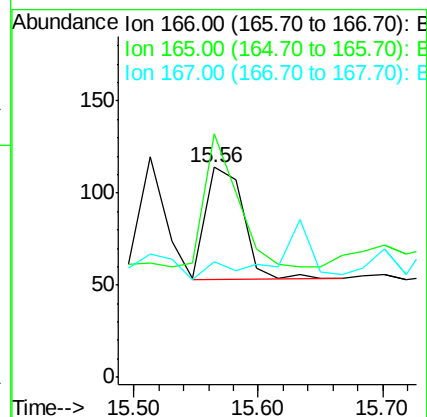
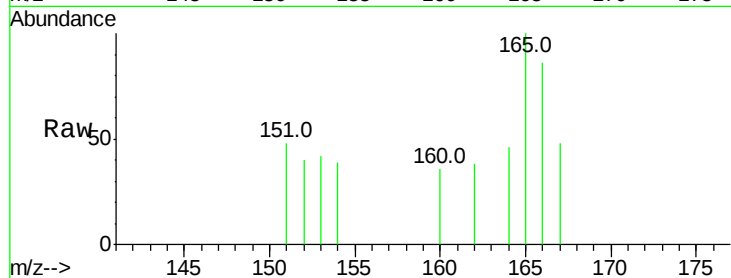
Tot Ion:166 Resp: 127

Ion Ratio Lower Upper

166 100

165 115.8 73.4 110.2#

167 55.3 14.6 22.0#



#12

Phenanthrene

Concen: 0.05 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BM009153.D

Acq: 09 Mar 2017 19:45

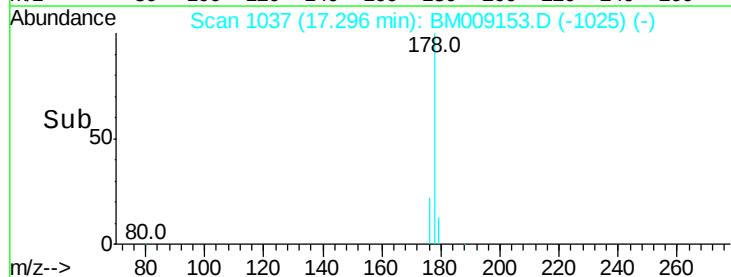
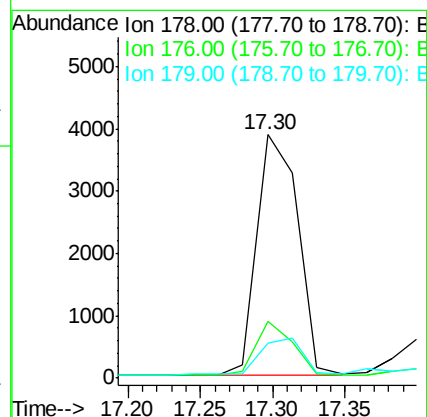
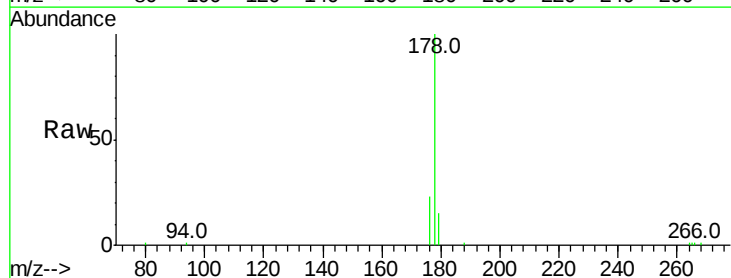
Tgt Ion:178 Resp: 7586

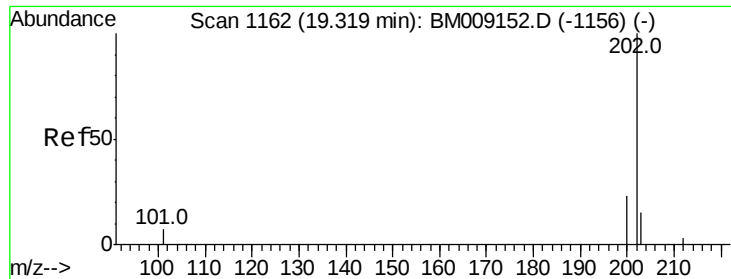
Ion Ratio Lower Upper

178 100

176 23.4 18.4 27.6

179 14.6 13.6 20.4





#15

Fluoranthene

Concen: 0.07 ng/ul

RT: 19.33 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BM009153.D

Acq: 09 Mar 2017 19:45

Instrument :

BNA_M

ClientSampleId :

C0AJ2

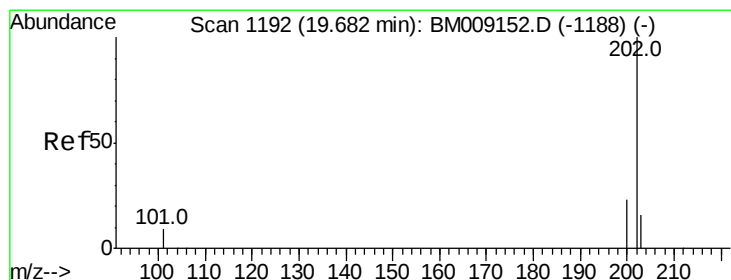
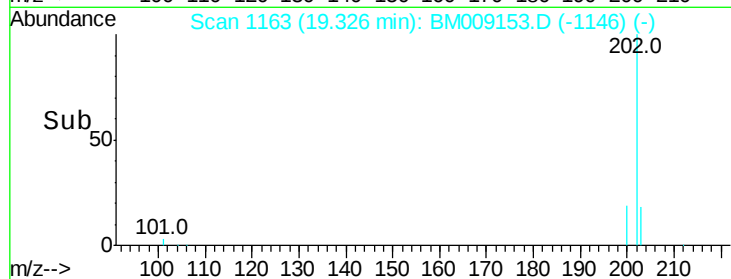
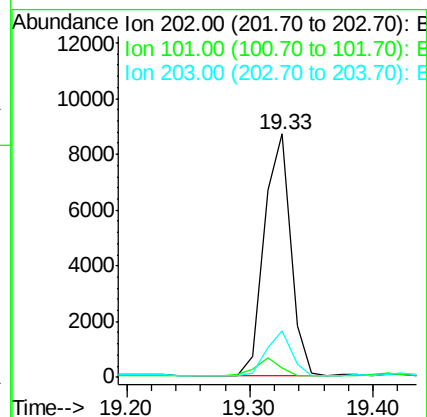
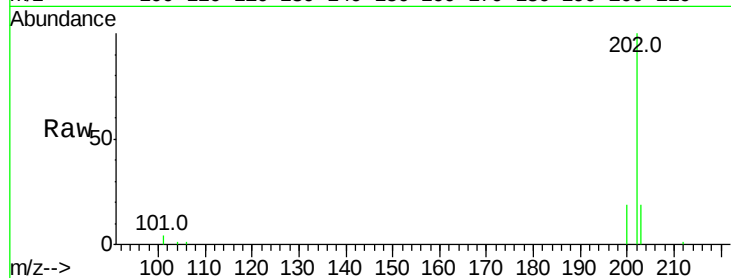
Tot Ion:202 Resp: 13056

Ion Ratio Lower Upper

202 100

101 3.9 0.0 30.3

203 18.9 0.0 39.5



#17

Pyrene

Concen: 4.33 ng/ul

RT: 19.69 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BM009153.D

Acq: 09 Mar 2017 19:45

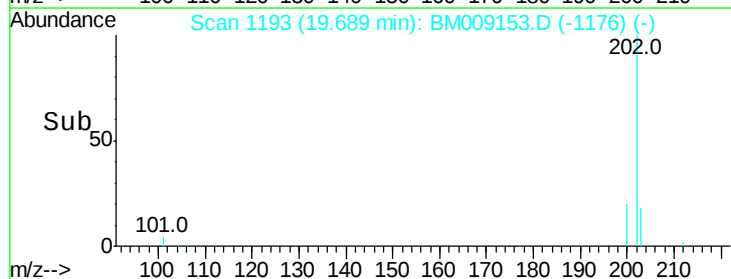
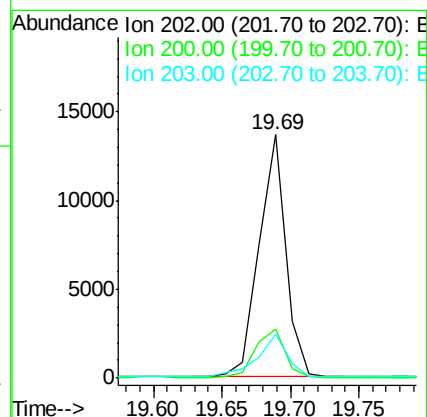
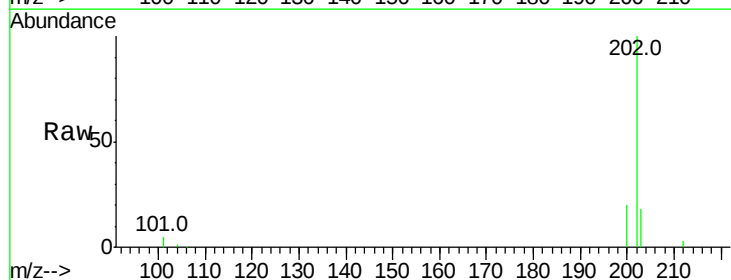
Tgt Ion:202 Resp: 18480

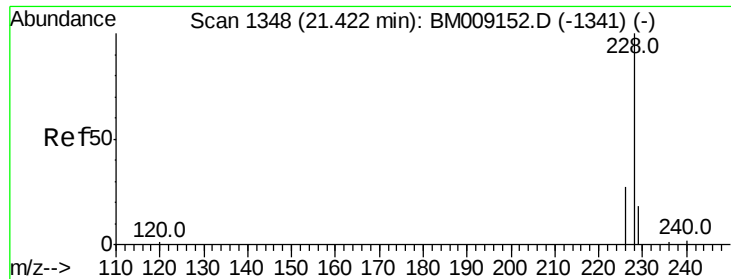
Ion Ratio Lower Upper

202 100

200 20.1 18.2 27.4

203 18.2 15.6 23.4





#18

Benzo(a)anthracene

Concen: 2.01 ng/ul

RT: 21.42 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BM009153.D

Acq: 09 Mar 2017 19:45

Instrument :

BNA_M

ClientSampleId :

C0AJ2

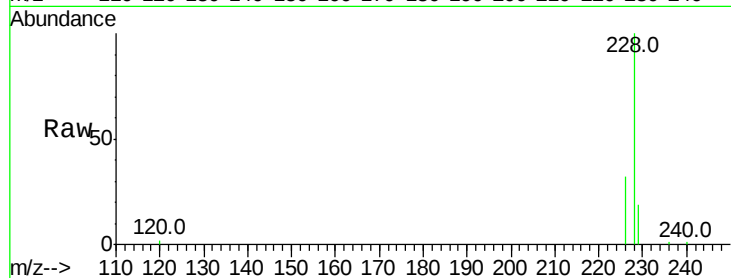
Tot Ion:228 Resp: 8293

Ion Ratio Lower Upper

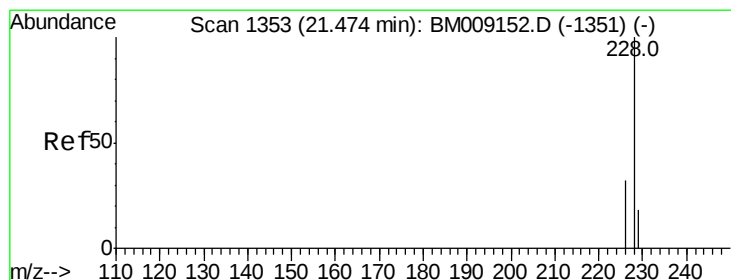
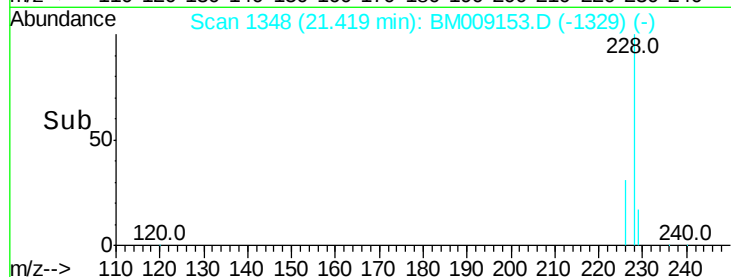
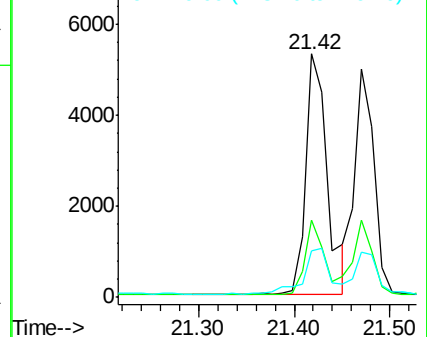
228 100

226 31.6 22.8 34.2

229 18.9 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: 1.78 ng/ul

RT: 21.47 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BM009153.D

Acq: 09 Mar 2017 19:45

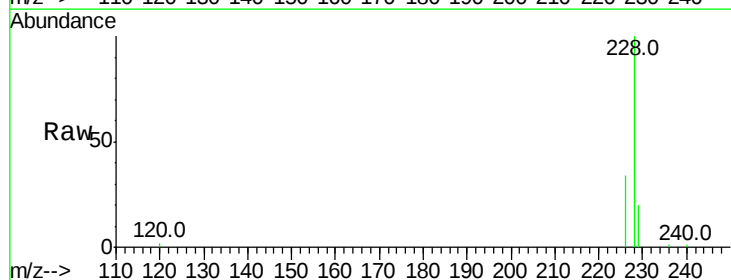
Tgt Ion:228 Resp: 6978

Ion Ratio Lower Upper

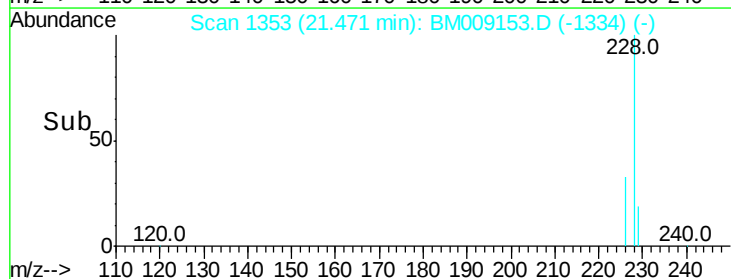
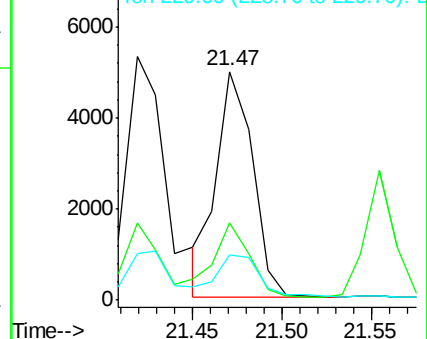
228 100

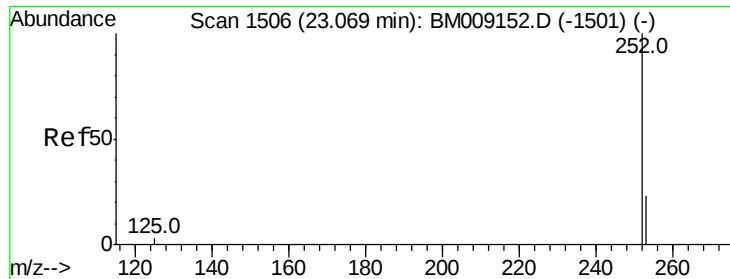
226 33.7 23.4 35.0

229 20.0 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: 0.02 ng/ul

RT: 23.07 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BM009153.D

Acq: 09 Mar 2017 19:45

Instrument :

BNA_M

ClientSampleId :

C0AJ2

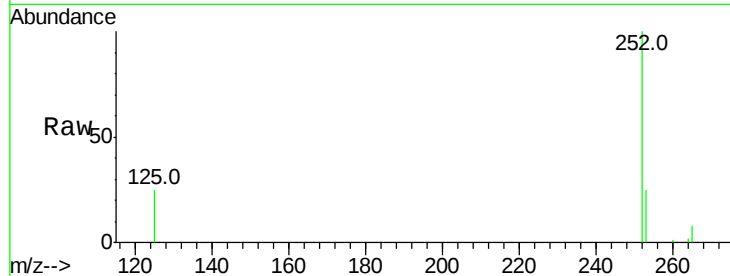
Tot Ion:252 Resp: 6194

Ion Ratio Lower Upper

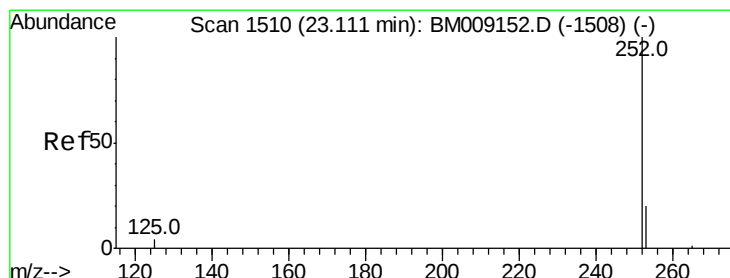
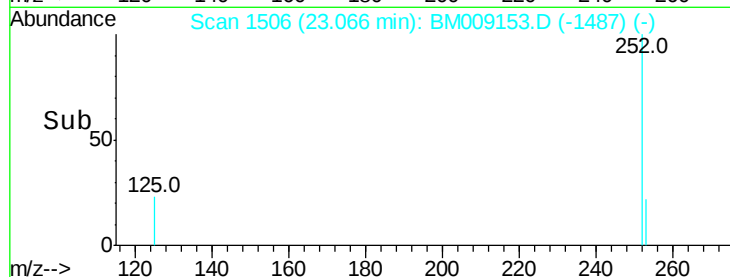
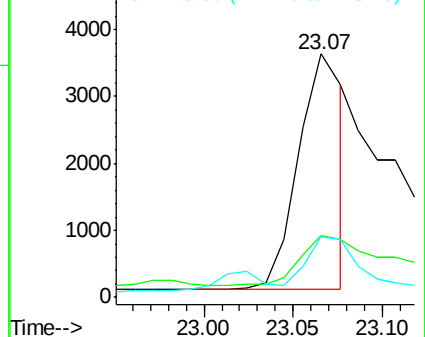
252 100

253 25.4 0.0 64.2

125 24.9 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: 0.05 ng/ul

RT: 23.07 min Scan# 1506

Delta R.T. -0.05 min

Lab File: BM009153.D

Acq: 09 Mar 2017 19:45

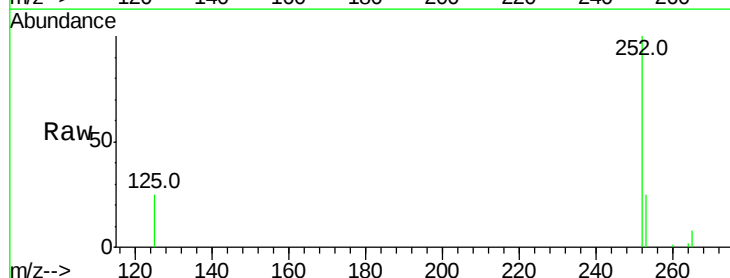
Tgt Ion:252 Resp: 10961

Ion Ratio Lower Upper

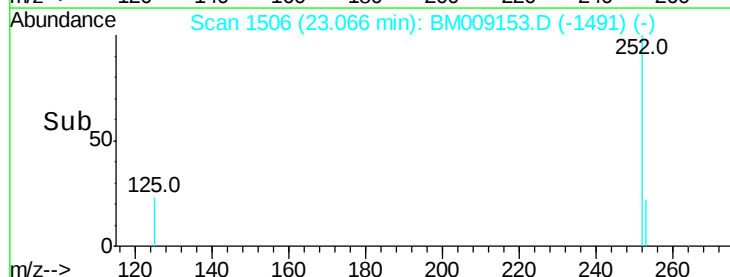
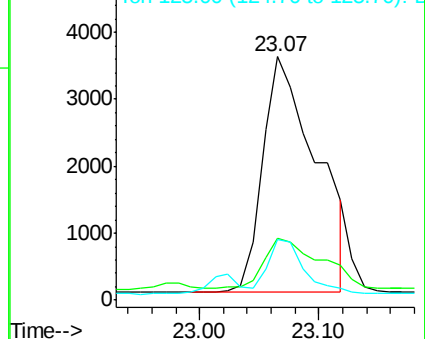
252 100

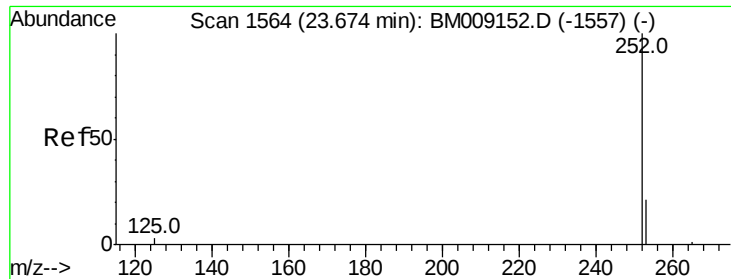
253 25.4 24.5 36.7

125 24.9 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: 0.02 ng/ul

RT: 23.58 min Scan# 1555

Delta R.T. -0.10 min

Lab File: BM009153.D

Acq: 09 Mar 2017 19:45

Instrument :

BNA_M

ClientSampleId :

C0AJ2

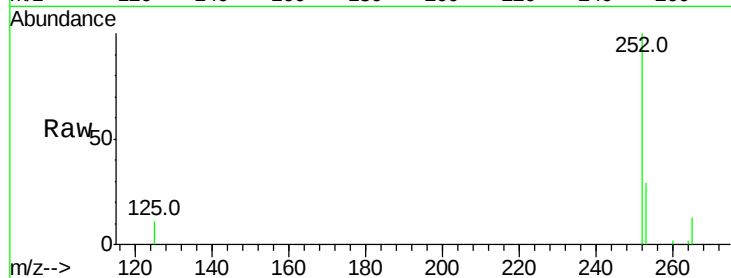
Tot Ion:252 Resp: 5057

Ion Ratio Lower Upper

252 100

253 28.6 28.5 42.7

125 10.9 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

