

Data Path : Z:\HPCHEM1\BNA_M\Data\BM031117\
 Data File : BM009203.D
 Acq On : 11 Mar 2017 12:20
 Operator : SJ/MA
 Sample : I2107-10
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ9

Quant Time: Mar 13 11:21:30 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 11:21:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	234	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	772	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	488	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.36	188	41305	0.40	ng/ul	0.10
16) Chrysene-d12	21.44	240	1298	0.40	ng/ul	0.00
20) Perylene-d12	23.63	264	42937	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	192	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	550	0.00	ng/ul	0.00

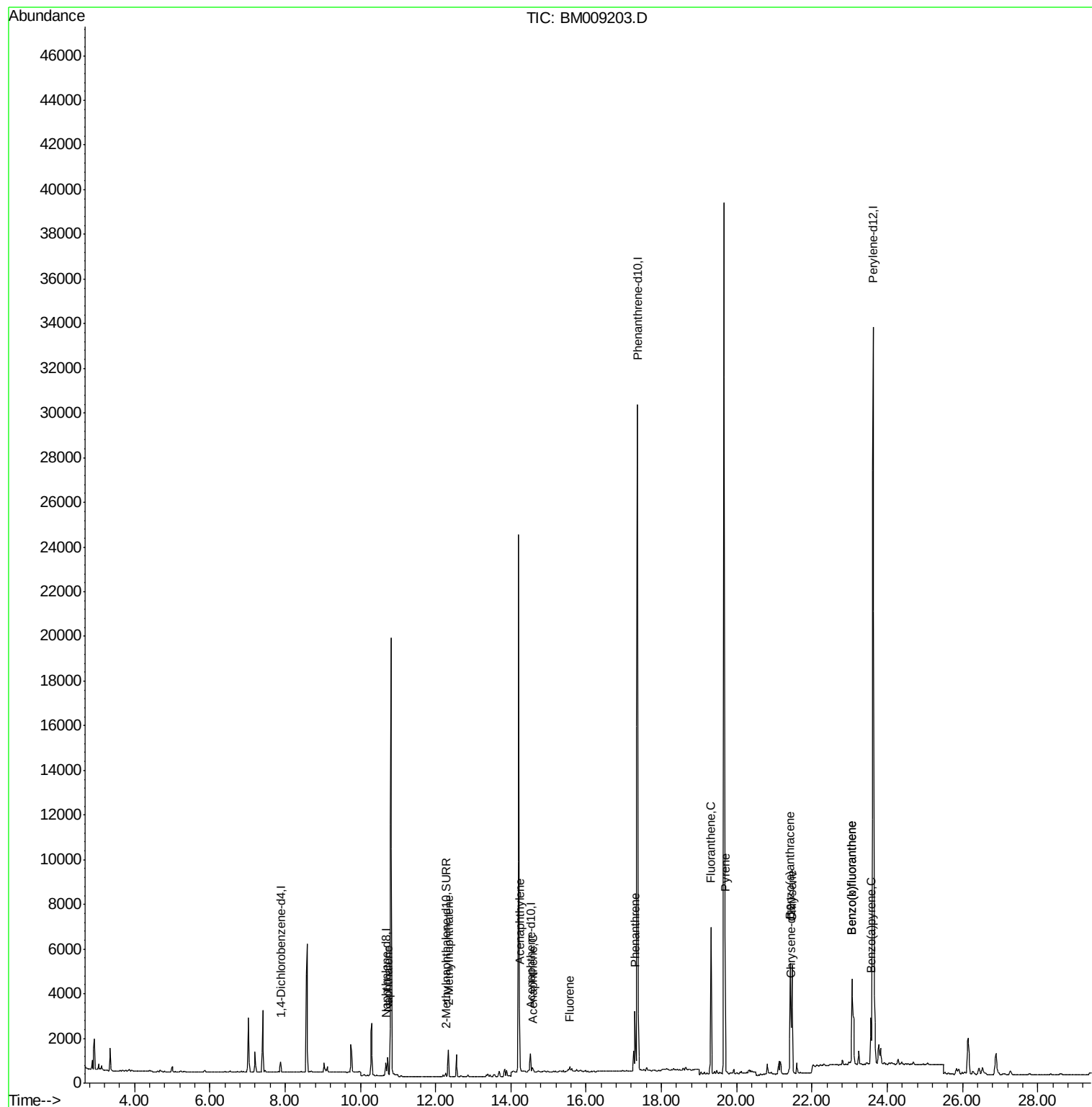
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.73	128	1147	0.52	ng/ul#	93
5) 2-Methylnaphthalene	12.34	142	848	0.53	ng/ul	98
7) Acenaphthylene	14.23	152	307	0.12	ng/ul#	59
8) Acenaphthene	14.57	153	131	0.07	ng/ul#	88
9) Fluorene	15.56	166	153	0.07	ng/ul#	74
12) Phenanthrene	17.30	178	3143	0.02	ng/ul	99
15) Fluoranthene	19.31	202	7301	0.04	ng/ul	96
17) Pyrene	19.69	202	7099	1.59	ng/ul	95
18) Benzo(a)anthracene	21.42	228	4386	1.02	ng/ul	98
19) Chrysene	21.47	228	4814	1.18	ng/ul	95
21) Benzo(b)fluoranthene	23.07	252	5354	0.03	ng/ul	92
22) Benzo(k)fluoranthene	23.07	252	8912	0.06	ng/ul	94
23) Benzo(a)pyrene	23.57	252	3265	0.02	ng/ul#	86

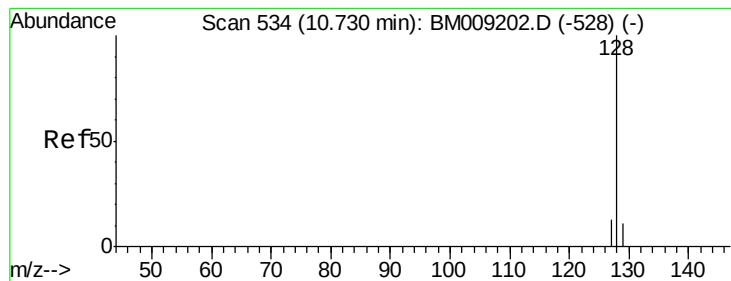
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.52 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. -0.00 min

Lab File: BM009203.D

Acq: 11 Mar 2017 12:20

Instrument :

BNA_M

ClientSampleId :

C0AJ9

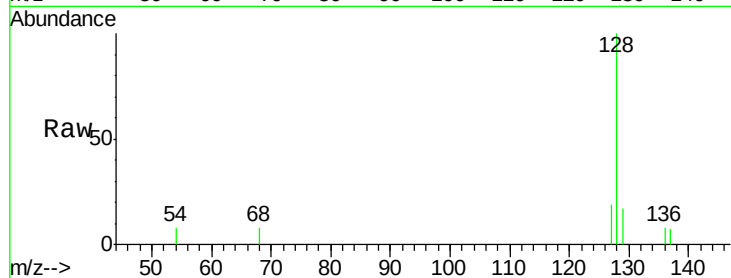
Tgt Ion:128 Resp: 1147

Ion Ratio Lower Upper

128 100

129 16.9 11.3 16.9#

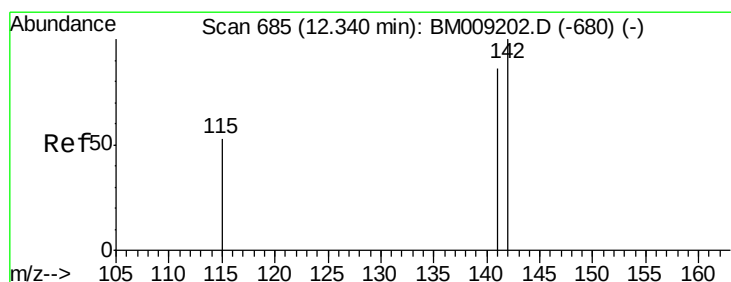
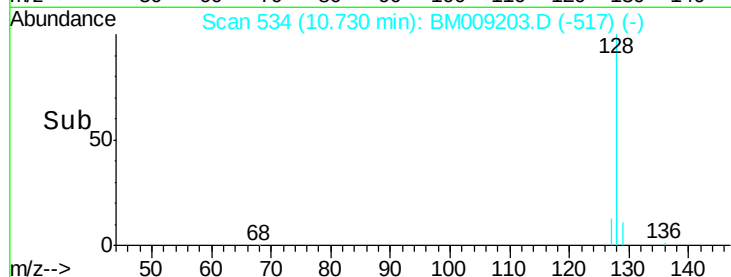
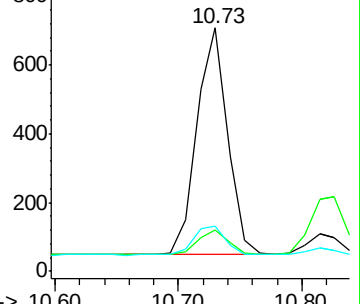
127 18.6 12.8 19.2



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: 0.53 ng/ul

RT: 12.34 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM009203.D

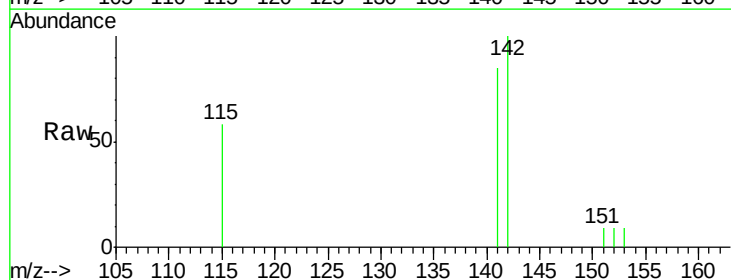
Acq: 11 Mar 2017 12:20

Tgt Ion:142 Resp: 848

Ion Ratio Lower Upper

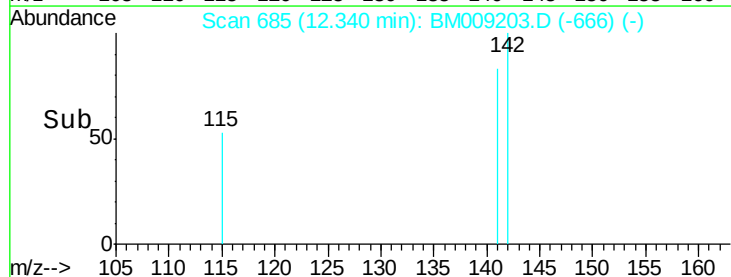
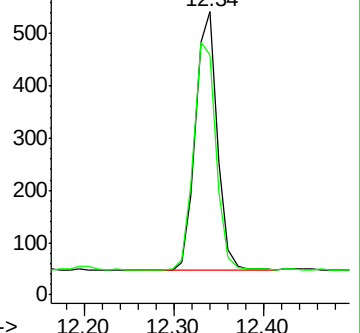
142 100

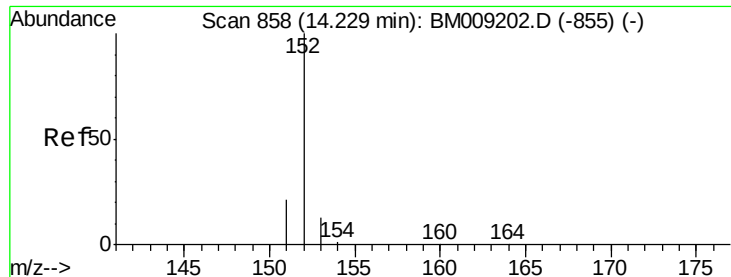
141 89.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.12 ng/ul

RT: 14.23 min Scan# 858

Delta R.T. -0.00 min

Lab File: BM009203.D

Acq: 11 Mar 2017 12:20

Instrument :

BNA_M

ClientSampleId :

C0AJ9

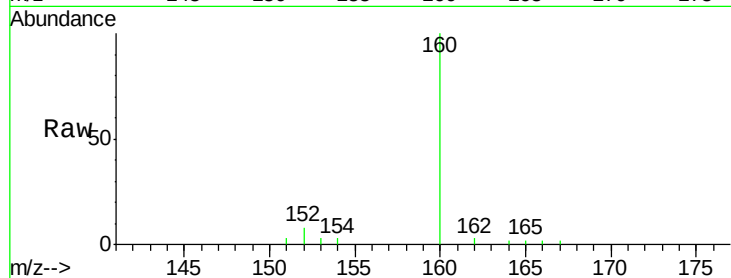
Tgt Ion:152 Resp: 307

Ion Ratio Lower Upper

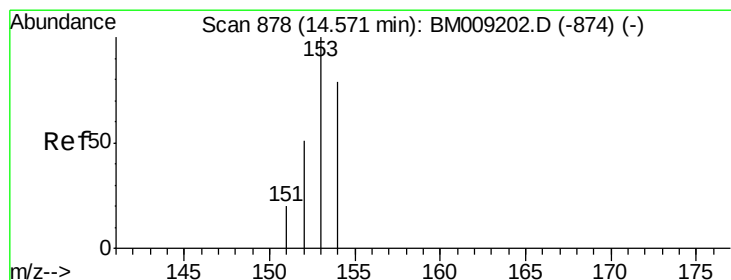
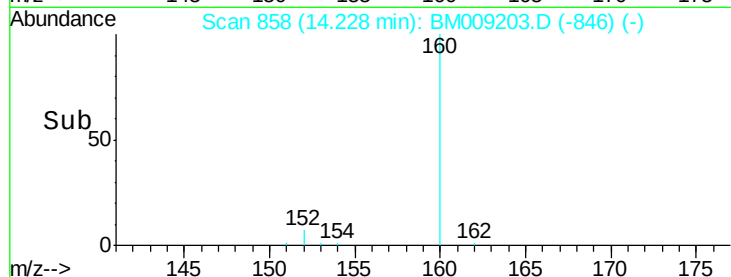
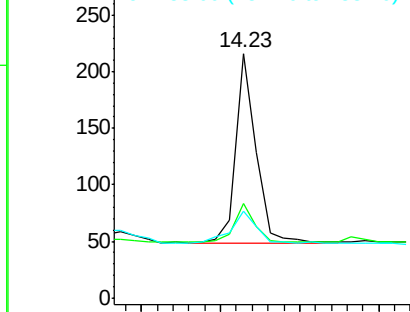
152 100

151 38.9 17.1 25.7#

153 35.6 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: BM009203.D

Acq: 11 Mar 2017 12:20

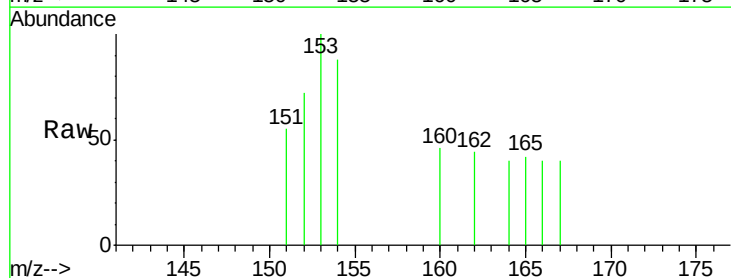
Tgt Ion:153 Resp: 131

Ion Ratio Lower Upper

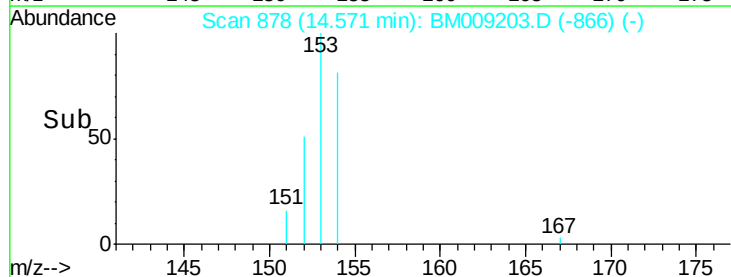
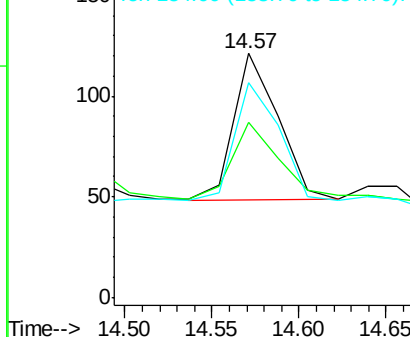
153 100

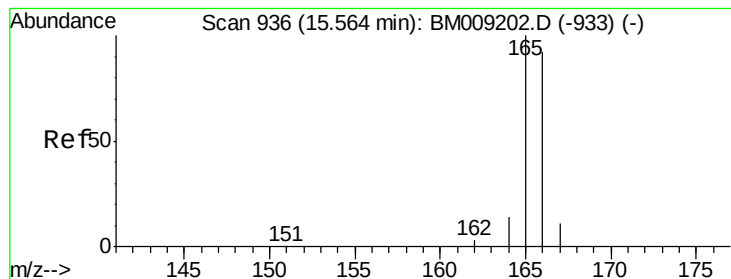
152 71.9 40.3 60.5#

154 88.4 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: BM009203.D

Acq: 11 Mar 2017 12:20

Instrument :

BNA_M

ClientSampleId :

C0AJ9

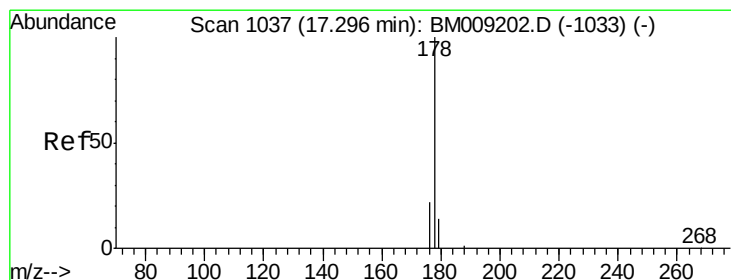
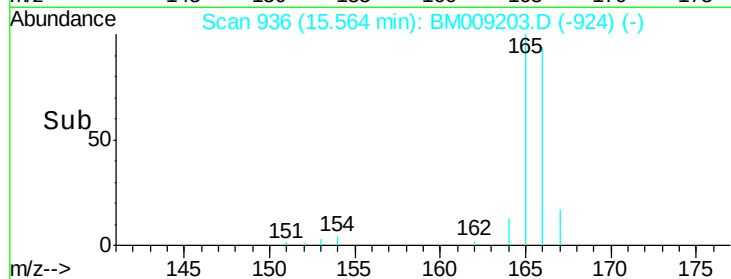
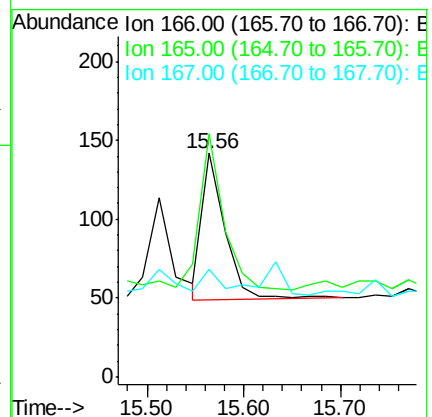
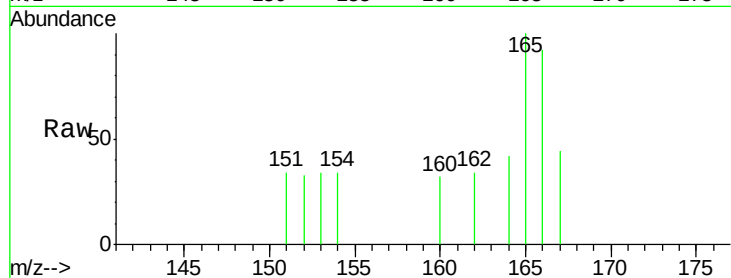
Tgt Ion:166 Resp: 153

Ion Ratio Lower Upper

166 100

165 108.5 73.4 110.2

167 47.9 14.6 22.0#



#12

Phenanthrene

Concen: 0.02 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BM009203.D

Acq: 11 Mar 2017 12:20

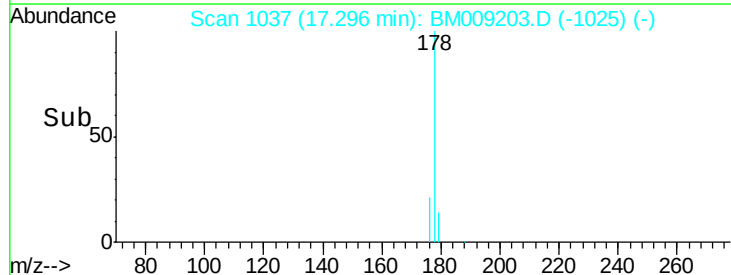
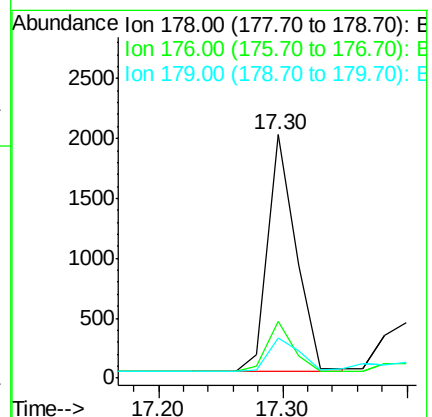
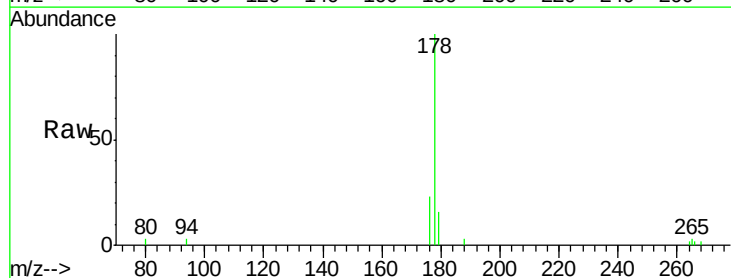
Tgt Ion:178 Resp: 3143

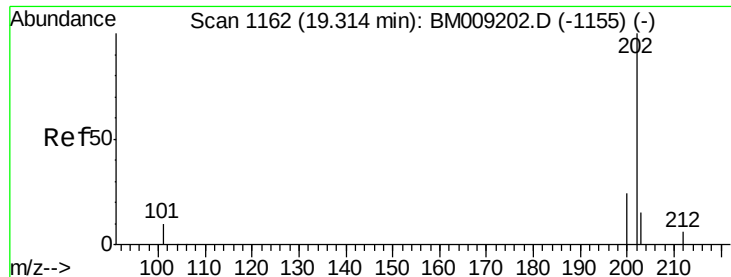
Ion Ratio Lower Upper

178 100

176 23.1 18.4 27.6

179 16.3 13.6 20.4





#15

Fluoranthene

Concen: 0.04 ng/ul

RT: 19.31 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BM009203.D

Acq: 11 Mar 2017 12:20

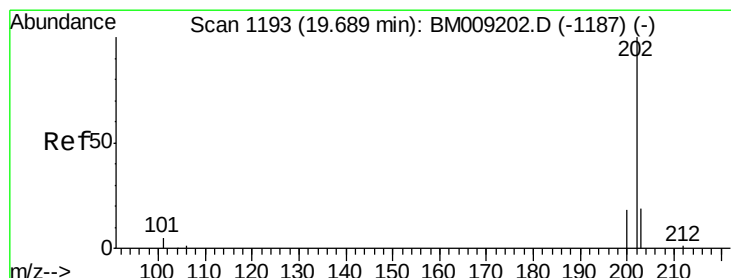
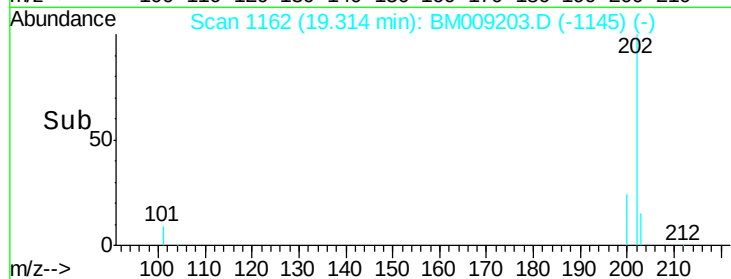
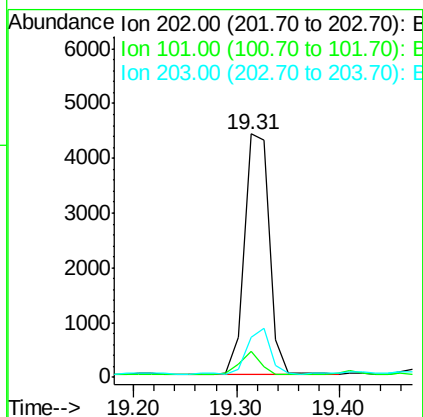
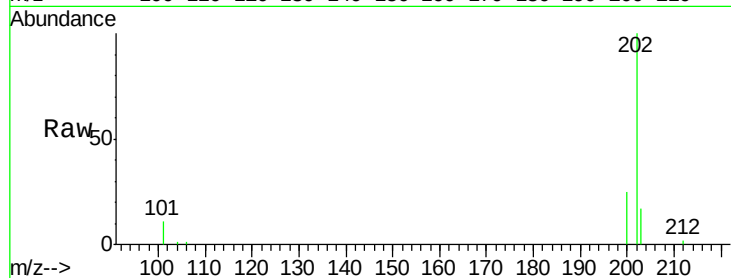
Instrument :

BNA_M

ClientSampleId :

C0AJ9

Tgt Ion:	202	Resp:	7301
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.3
203	16.7	0.0	39.5



#17

Pyrene

Concen: 1.59 ng/ul

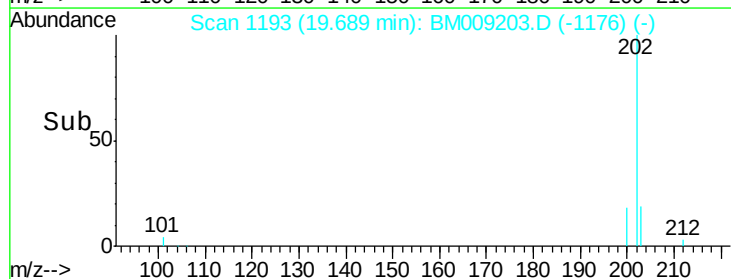
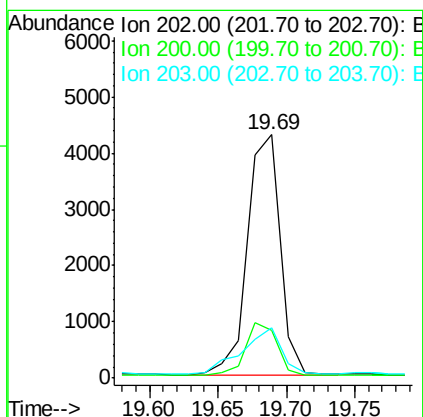
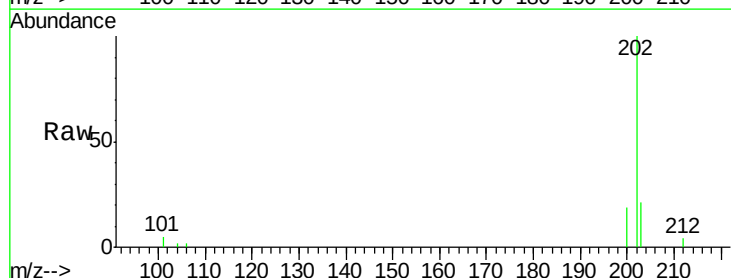
RT: 19.69 min Scan# 1193

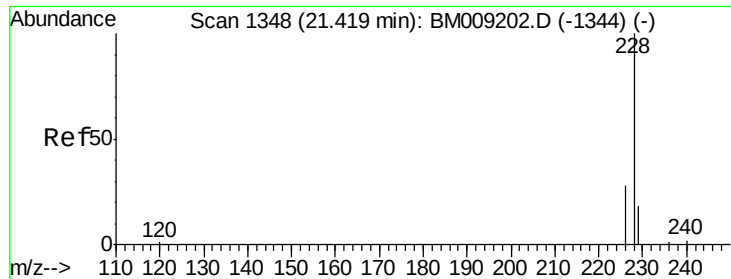
Delta R.T. -0.00 min

Lab File: BM009203.D

Acq: 11 Mar 2017 12:20

Tgt Ion:	202	Resp:	7099
Ion	Ratio	Lower	Upper
202	100		
200	19.4	18.2	27.4
203	20.6	15.6	23.4





#18

Benzo(a)anthracene

Concen: 1.02 ng/ul

RT: 21.42 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BM009203.D

Acq: 11 Mar 2017 12:20

Instrument :

BNA_M

ClientSampleId :

C0AJ9

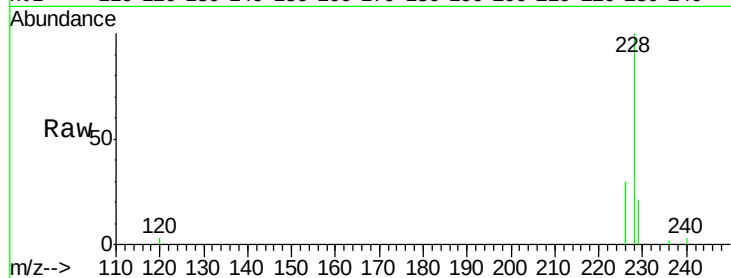
Tgt Ion:228 Resp: 4386

Ion Ratio Lower Upper

228 100

226 30.1 22.8 34.2

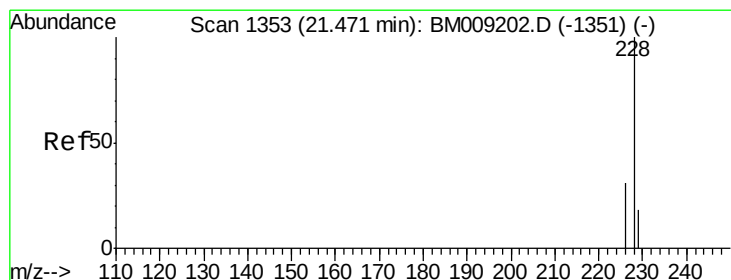
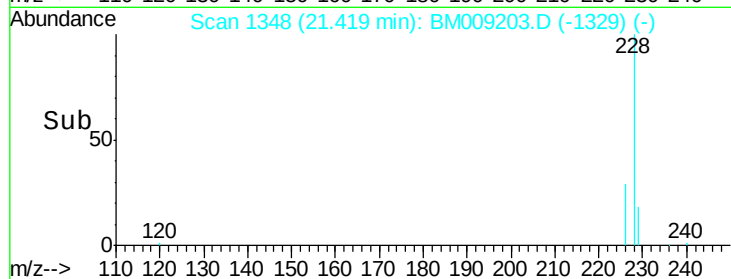
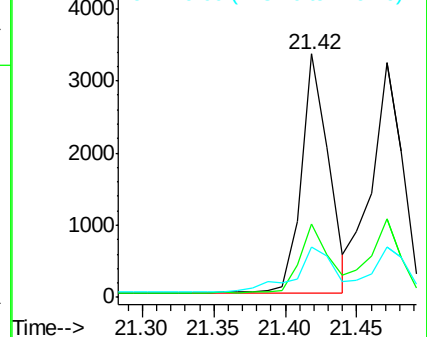
229 20.6 17.0 25.6



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: 1.18 ng/ul

RT: 21.47 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BM009203.D

Acq: 11 Mar 2017 12:20

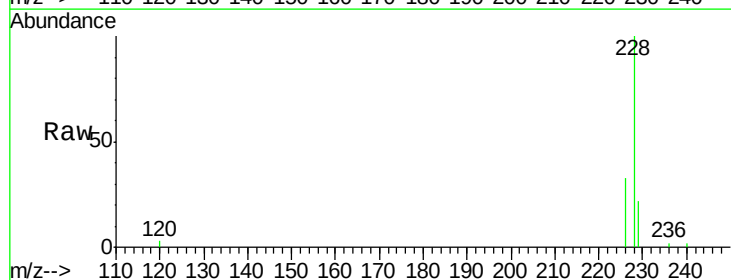
Tgt Ion:228 Resp: 4814

Ion Ratio Lower Upper

228 100

226 33.3 23.4 35.0

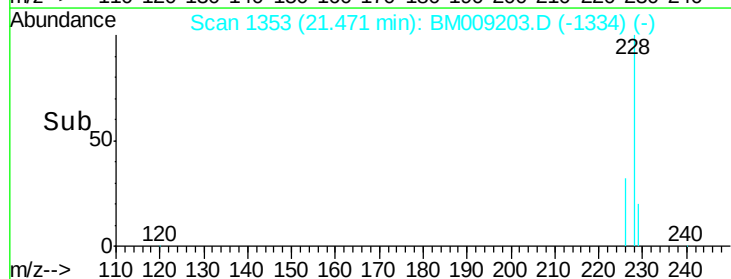
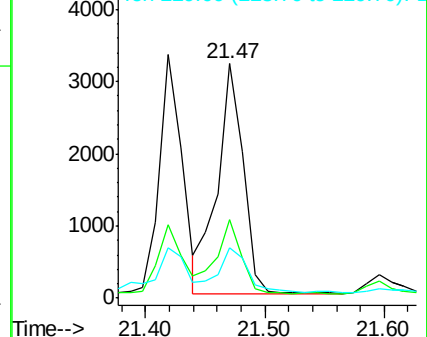
229 21.7 17.7 26.5

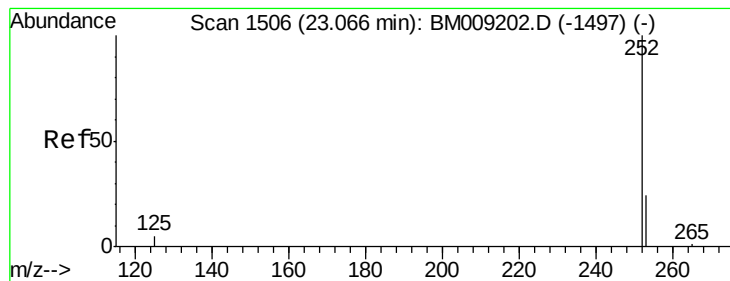


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.03 ng/uL

RT: 23.07 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BM009203.D

Acq: 11 Mar 2017 12:20

Instrument :

BNA_M

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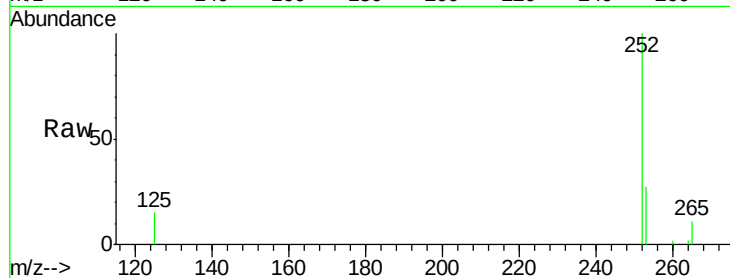
Tgt Ion: 252 Resp: 5354

Ion Ratio Lower Upper

252 100

253 27.0 0.0 64.2

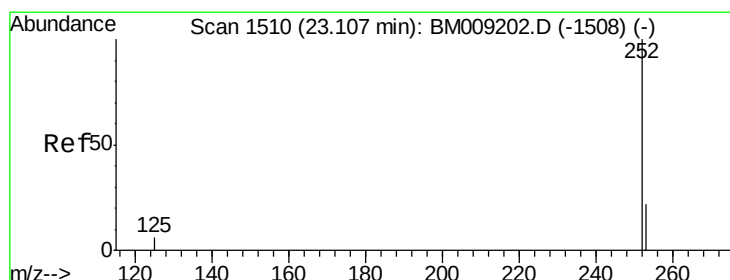
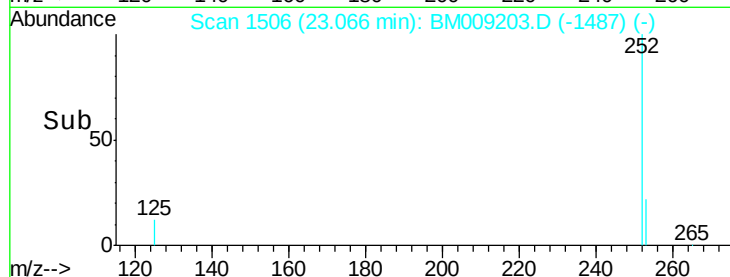
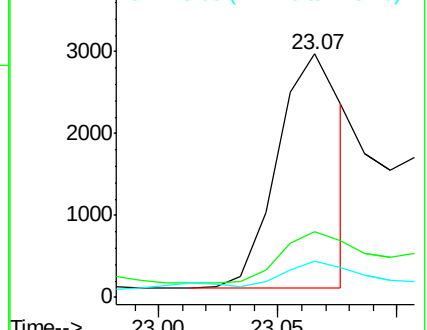
125 14.8 0.0 35.0



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: 0.06 ng/uL

RT: 23.07 min Scan# 1506

Delta R.T. -0.04 min

Lab File: BM009203.D

Acq: 11 Mar 2017 12:20

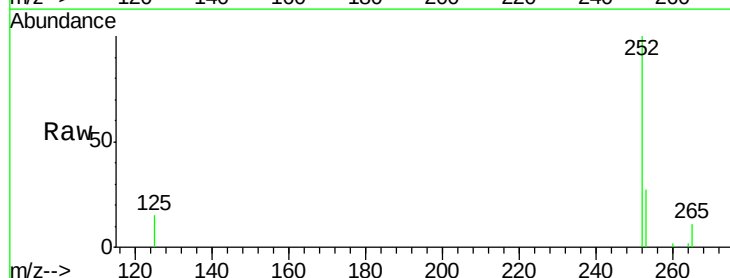
Tgt Ion: 252 Resp: 8912

Ion Ratio Lower Upper

252 100

253 27.0 24.5 36.7

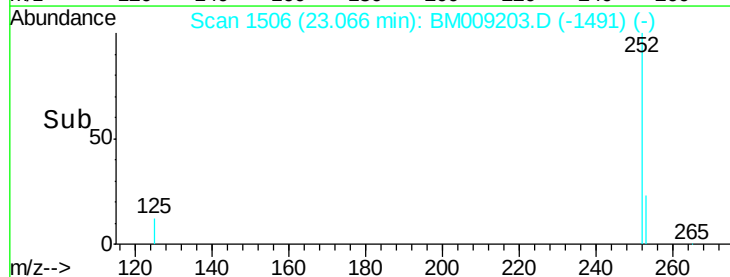
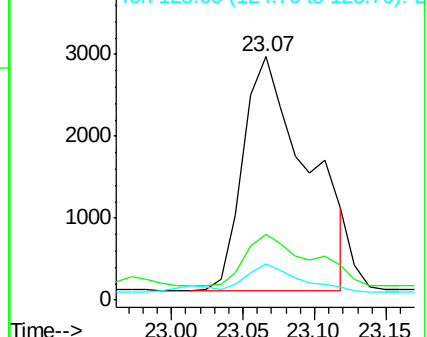
125 14.8 13.7 20.5

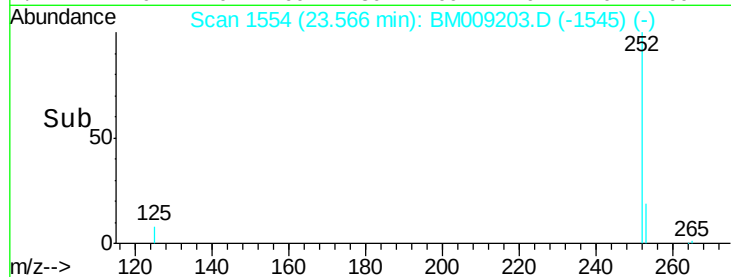
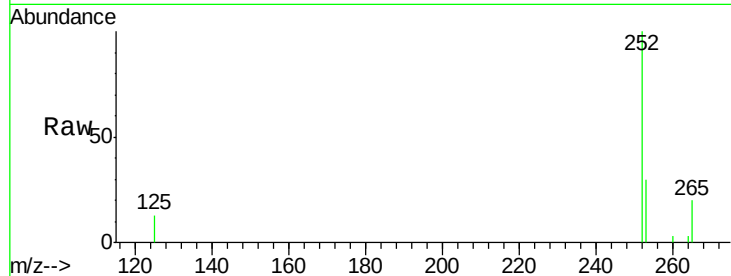
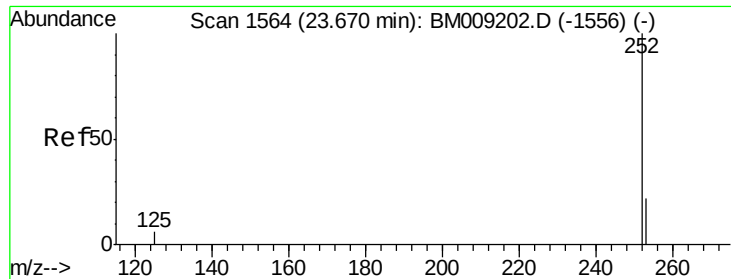


Abundance Ion 252.00 (251.70 to 252.70): E

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: 23.57 min Scan# 1554

Delta R.T. -0.10 min

Lab File: BM009203.D

Acq: 11 Mar 2017 12:20

Instrument :

BNA_M

ClientSampleId :

C0AJ9

Tgt Ion: 252 Resp: 3265

Ion Ratio Lower Upper

252 100

253 29.5 28.5 42.7

125 13.4 18.1 27.1#

