

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030817\
 Data File : BM009131.D
 Acq On : 09 Mar 2017 06:22
 Operator : SJ/MA
 Sample : I2069-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG7

Quant Time: Mar 09 07:03:20 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 02:44:03 2017
 Response via : Initial Calibration

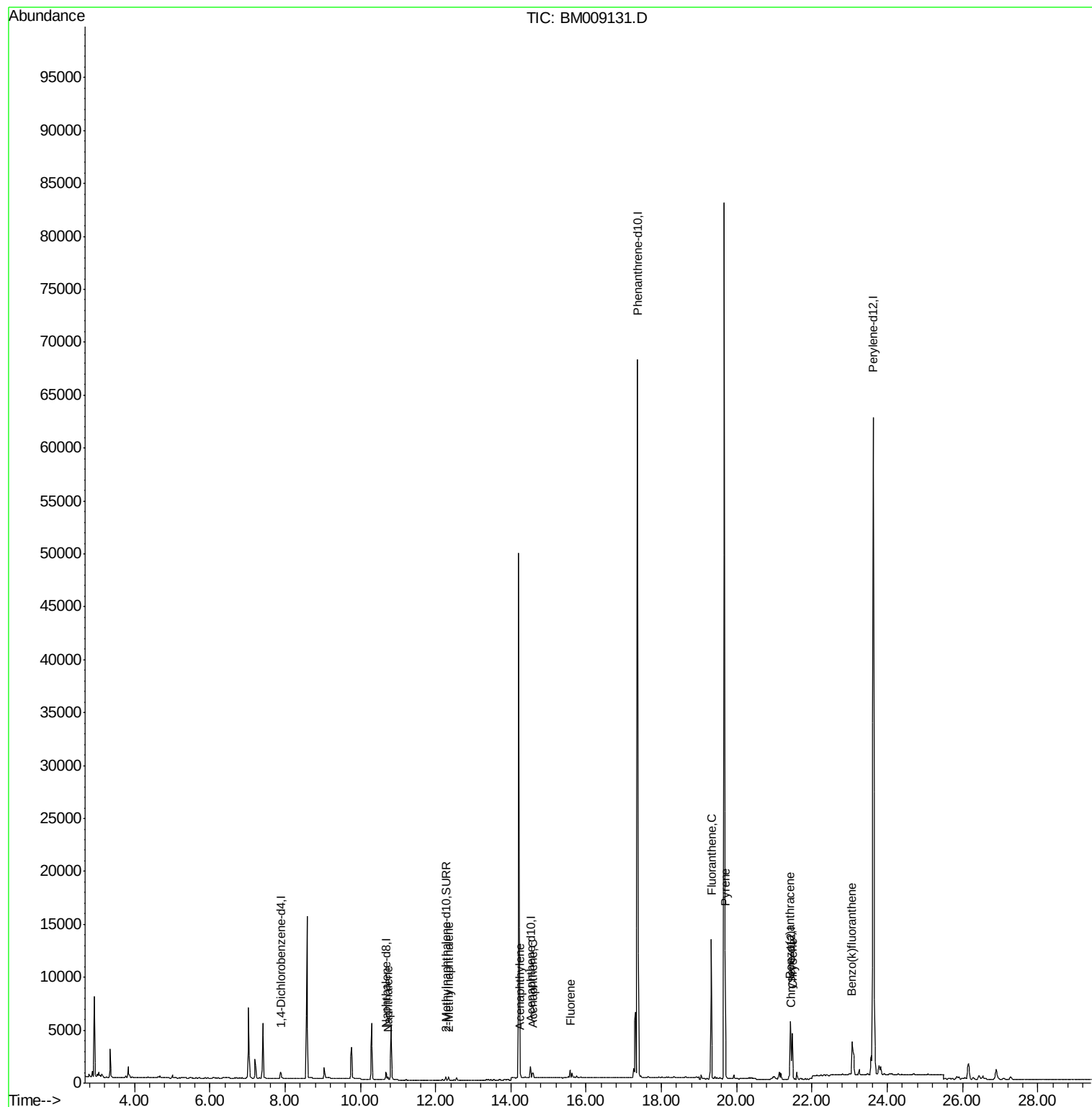
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	294	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	929	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	566	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.36	188	80848	0.40	ng/ul	0.10
16) Chrysene-d12	21.44	240	1390	0.40	ng/ul	-0.01
20) Perylene-d12	23.63	264	85240	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	379	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	1045	0.00	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.73	128	323	0.12	ng/ul#	64
5) 2-Methylnaphthalene	12.34	142	174	0.09	ng/ul	100
7) Acenaphthylene	14.25	152	101	0.03	ng/ul#	8
8) Acenaphthene	14.59	153	427	0.19	ng/ul	93
9) Fluorene	15.58	166	885	0.33	ng/ul#	95
15) Fluoranthene	19.33	202	12664	0.04	ng/ul	93
17) Pyrene	19.69	202	10768	2.25	ng/ul	97
18) Benzo(a)anthracene	21.42	228	5900	1.28	ng/ul	95
19) Chrysene	21.48	228	4519	1.03	ng/ul	96
22) Benzo(k)fluoranthene	23.07	252	7710	0.03	ng/ul#	91

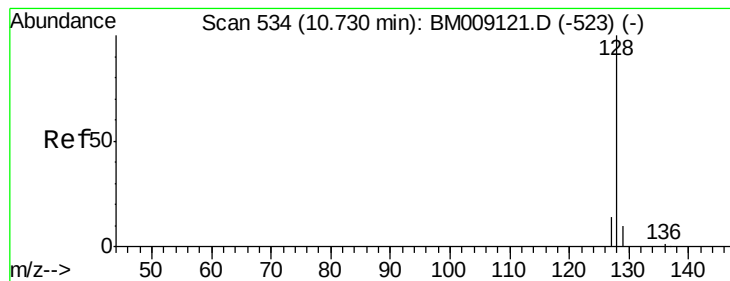
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.12 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. -0.00 min

Lab File: BM009131.D

Acq: 09 Mar 2017 06:22

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ClientSampleId :

C0AG7

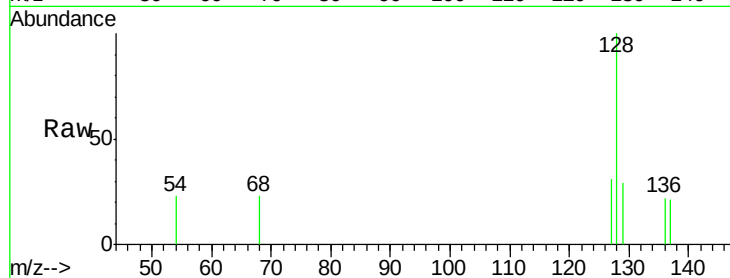
Tgt Ion:128 Resp: 323

Ion Ratio Lower Upper

128 100

129 28.9 11.3 16.9#

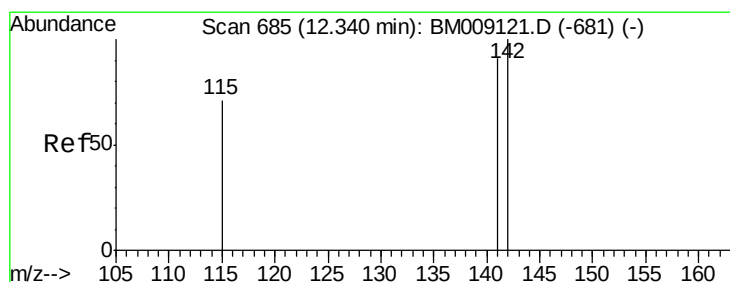
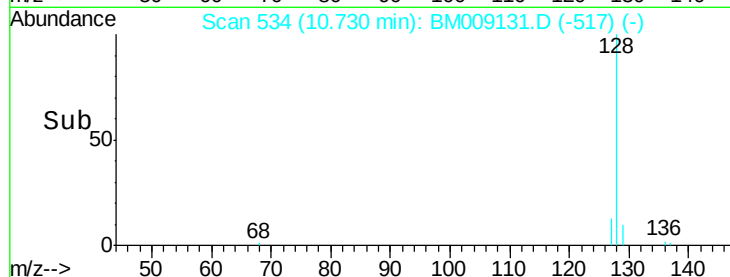
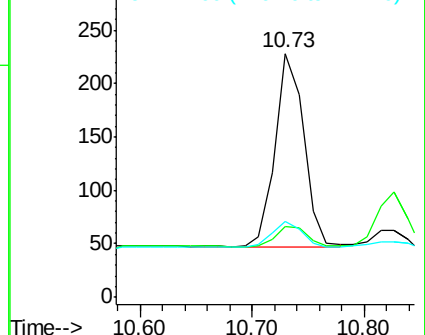
127 31.1 12.8 19.2#



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: 0.09 ng/ul

RT: 12.34 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM009131.D

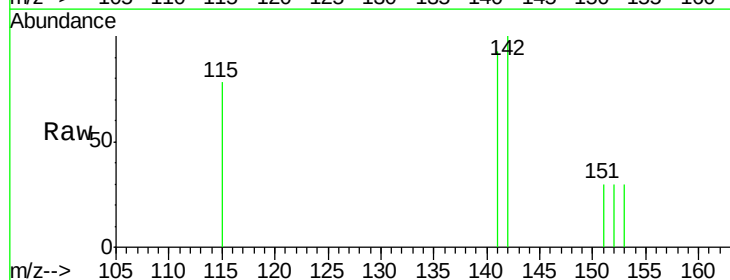
Acq: 09 Mar 2017 06:22

Tgt Ion:142 Resp: 174

Ion Ratio Lower Upper

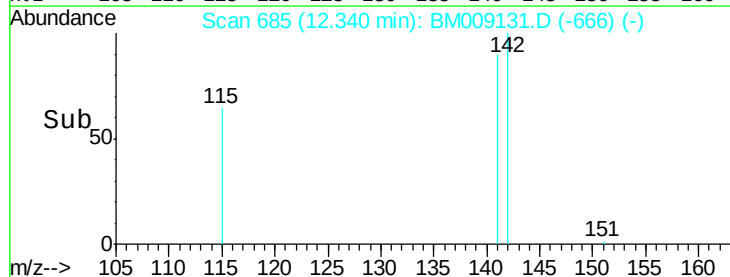
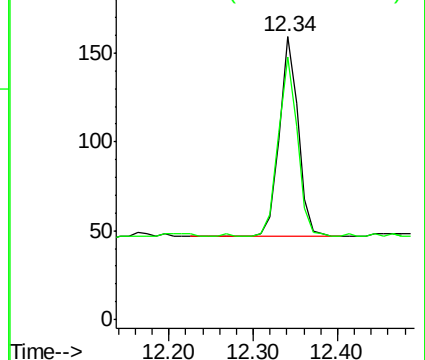
142 100

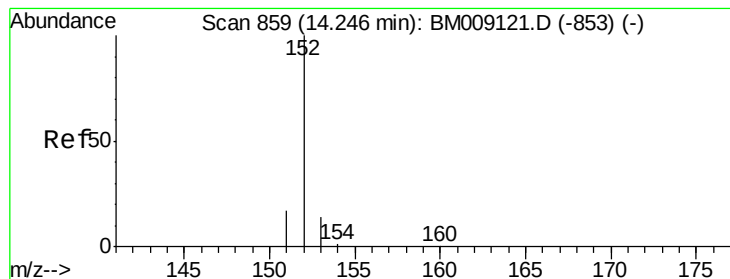
141 90.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.03 ng/ul

RT: 14.25 min Scan# 859

Delta R.T. -0.00 min

Lab File: BM009131.D

Acq: 09 Mar 2017 06:22

Instrument :

BNA_M

ClientSampleId :

C0AG7

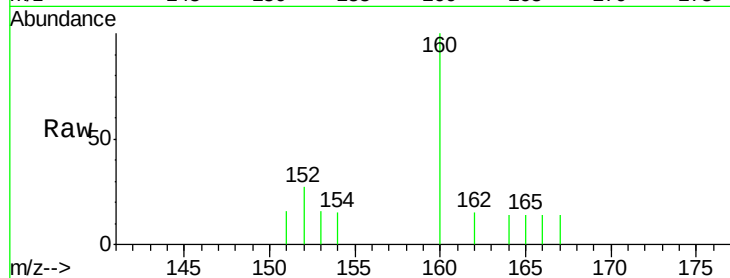
Tgt Ion:152 Resp: 101

Ion Ratio Lower Upper

152 100

151 60.4 17.1 25.7#

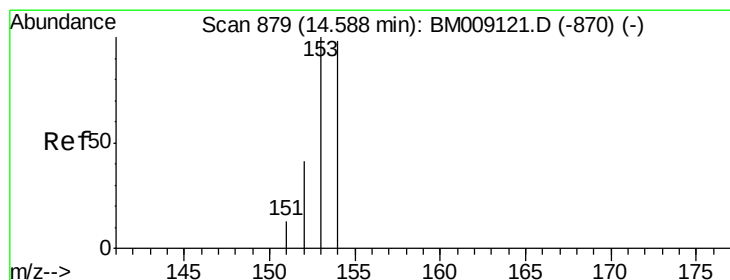
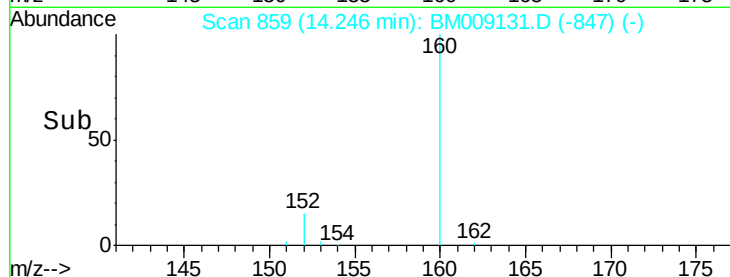
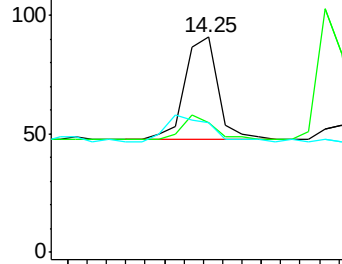
153 60.4 12.8 19.2#



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: 0.19 ng/ul

RT: 14.59 min Scan# 879

Delta R.T. -0.00 min

Lab File: BM009131.D

Acq: 09 Mar 2017 06:22

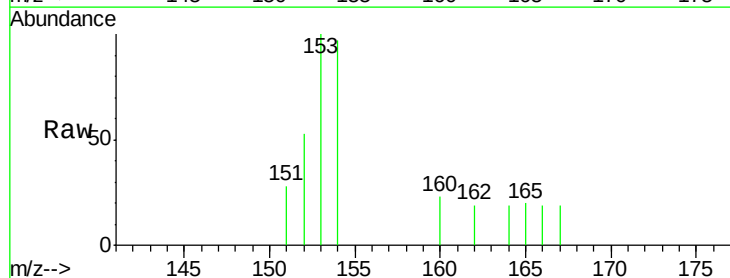
Tgt Ion:153 Resp: 427

Ion Ratio Lower Upper

153 100

152 53.4 40.3 60.5

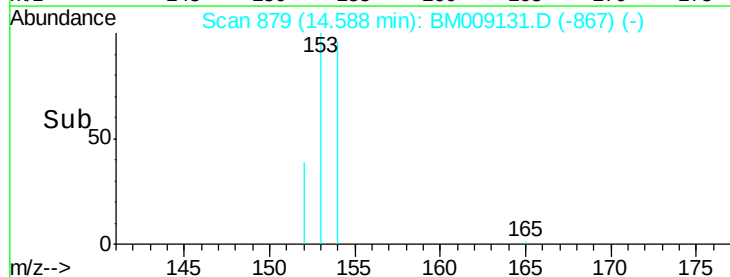
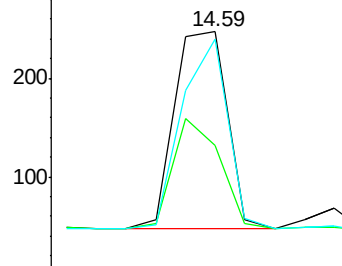
154 96.8 71.4 107.2

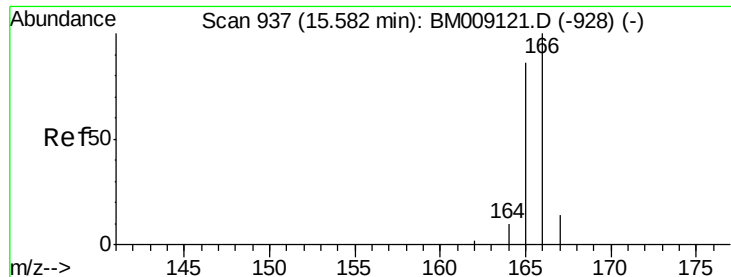


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.33 ng/ul

RT: 15.58 min Scan# 937

Delta R.T. -0.00 min

Lab File: BM009131.D

Acq: 09 Mar 2017 06:22

Instrument :

BNA_M

ClientSampleId :

C0AG7

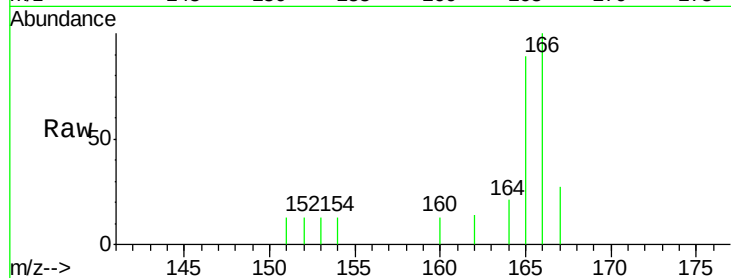
Tgt Ion:166 Resp: 885

Ion Ratio Lower Upper

166 100

165 89.2 73.4 110.2

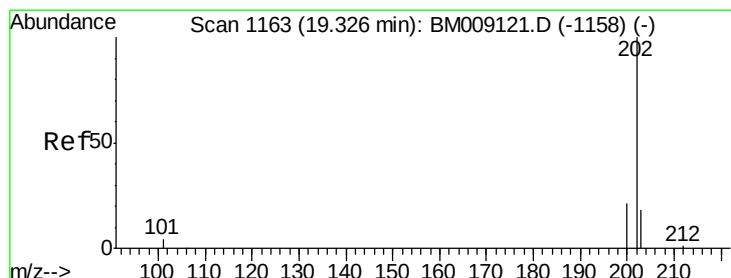
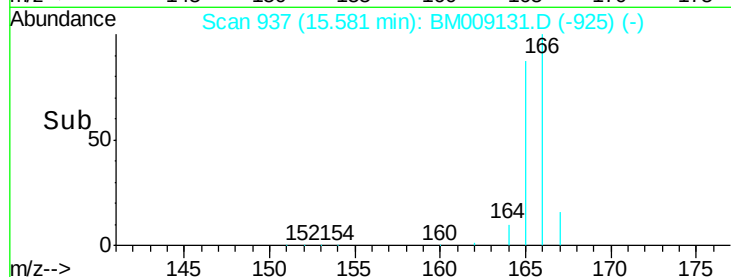
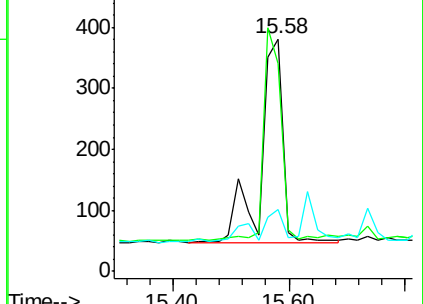
167 26.8 14.6 22.0#



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



#15

Fluoranthene

Concen: 0.04 ng/ul

RT: 19.33 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BM009131.D

Acq: 09 Mar 2017 06:22

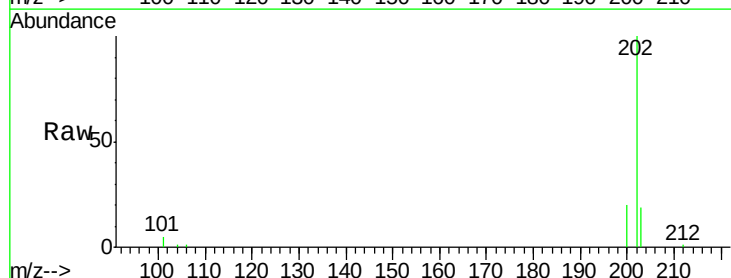
Tgt Ion:202 Resp: 12664

Ion Ratio Lower Upper

202 100

101 4.5 0.0 30.3

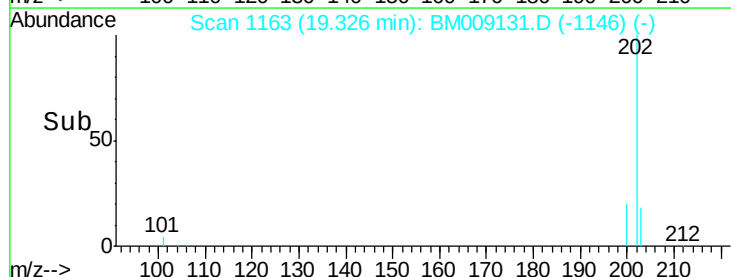
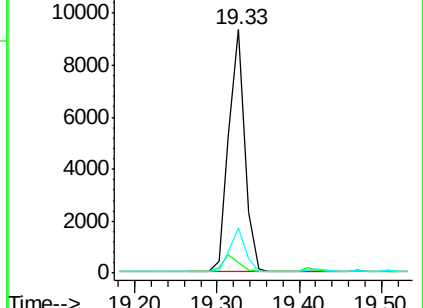
203 18.6 0.0 39.5

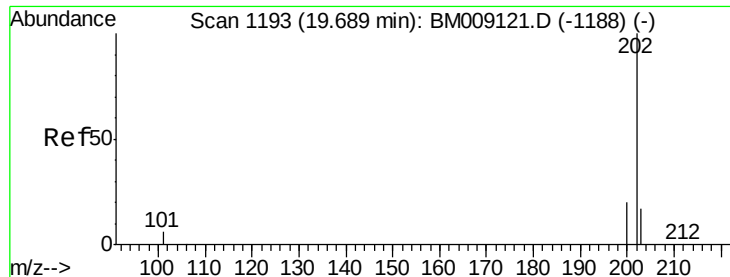


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

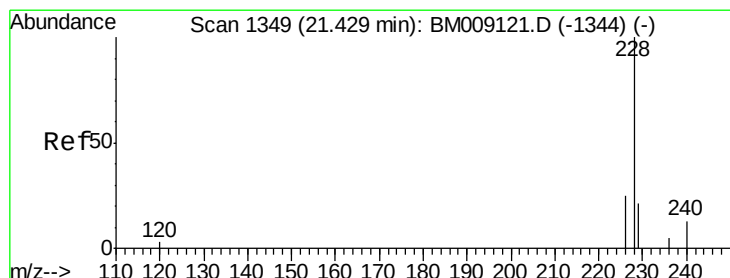
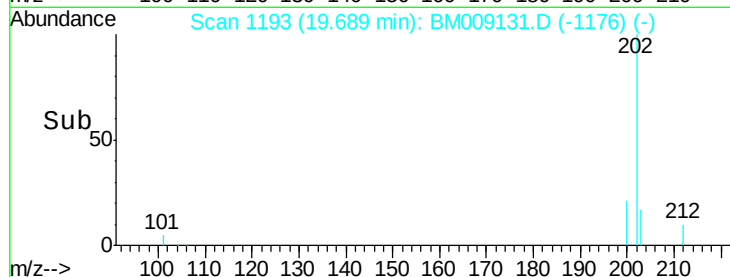
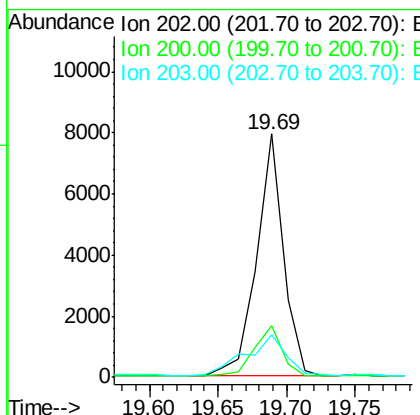
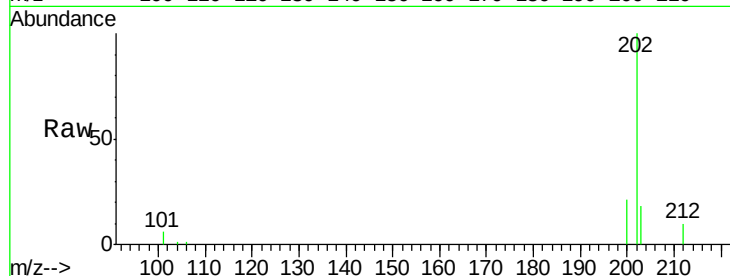




#17
Pyrene
Concen: 2.25 ng/ul
RT: 19.69 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BM009131.D
Acq: 09 Mar 2017 06:22

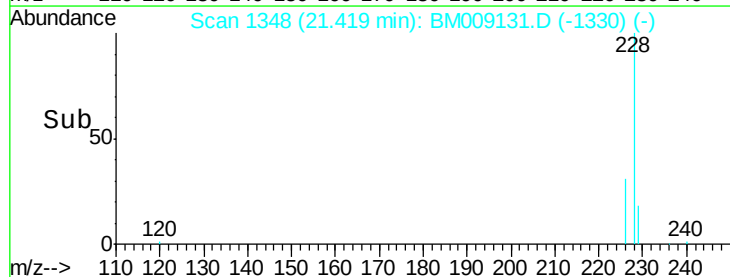
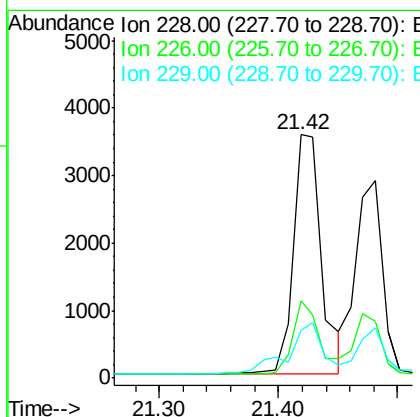
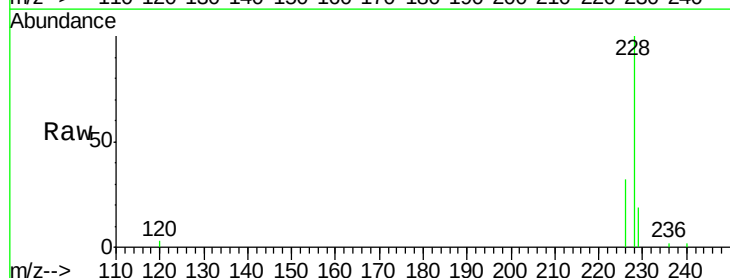
Instrument :
BNA_M
ClientSampleId :
C0AG7

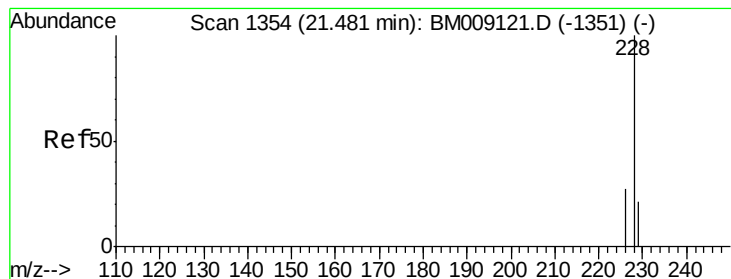
Tgt Ion:202 Resp: 10768
Ion Ratio Lower Upper
202 100
200 21.3 18.2 27.4
203 17.8 15.6 23.4



#18
Benzo(a)anthracene
Concen: 1.28 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BM009131.D
Acq: 09 Mar 2017 06:22

Tgt Ion:228 Resp: 5900
Ion Ratio Lower Upper
228 100
226 31.7 22.8 34.2
229 19.4 17.0 25.6





#19

Chrysene

Concen: 1.03 ng/ul

RT: 21.48 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BM009131.D

Acq: 09 Mar 2017 06:22

Instrument :

BNA_M

ClientSampleId :

C0AG7

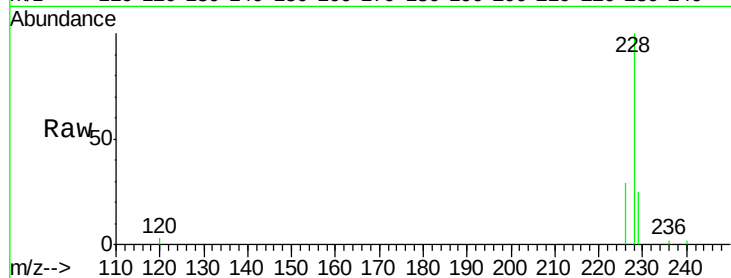
Tgt Ion:228 Resp: 4519

Ion Ratio Lower Upper

228 100

226 28.6 23.4 35.0

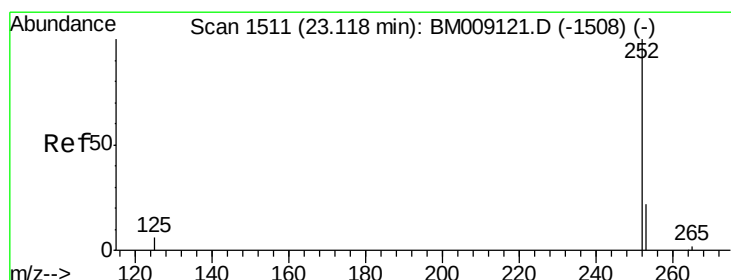
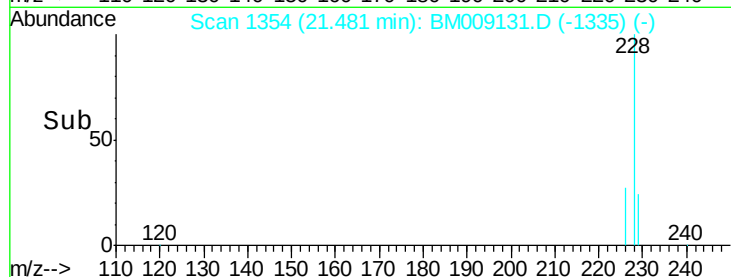
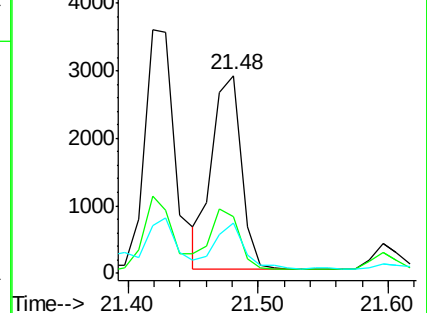
229 25.4 17.7 26.5



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



#22

Benzo(k)fluoranthene

Concen: 0.03 ng/ul

RT: 23.07 min Scan# 1506

Delta R.T. -0.05 min

Lab File: BM009131.D

Acq: 09 Mar 2017 06:22

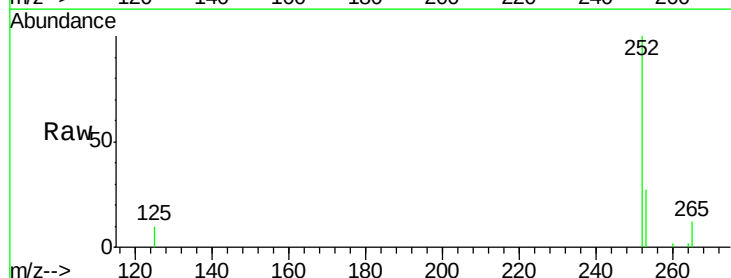
Tgt Ion:252 Resp: 7710

Ion Ratio Lower Upper

252 100

253 27.3 24.5 36.7

125 10.3 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

