

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
 Data File : BM008240.D
 Acq On : 10 Dec 2016 19:53
 Operator : UM/SJ
 Sample : H5905-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 12 03:54:24 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 03:51:49 2016
 Response via : Initial Calibration

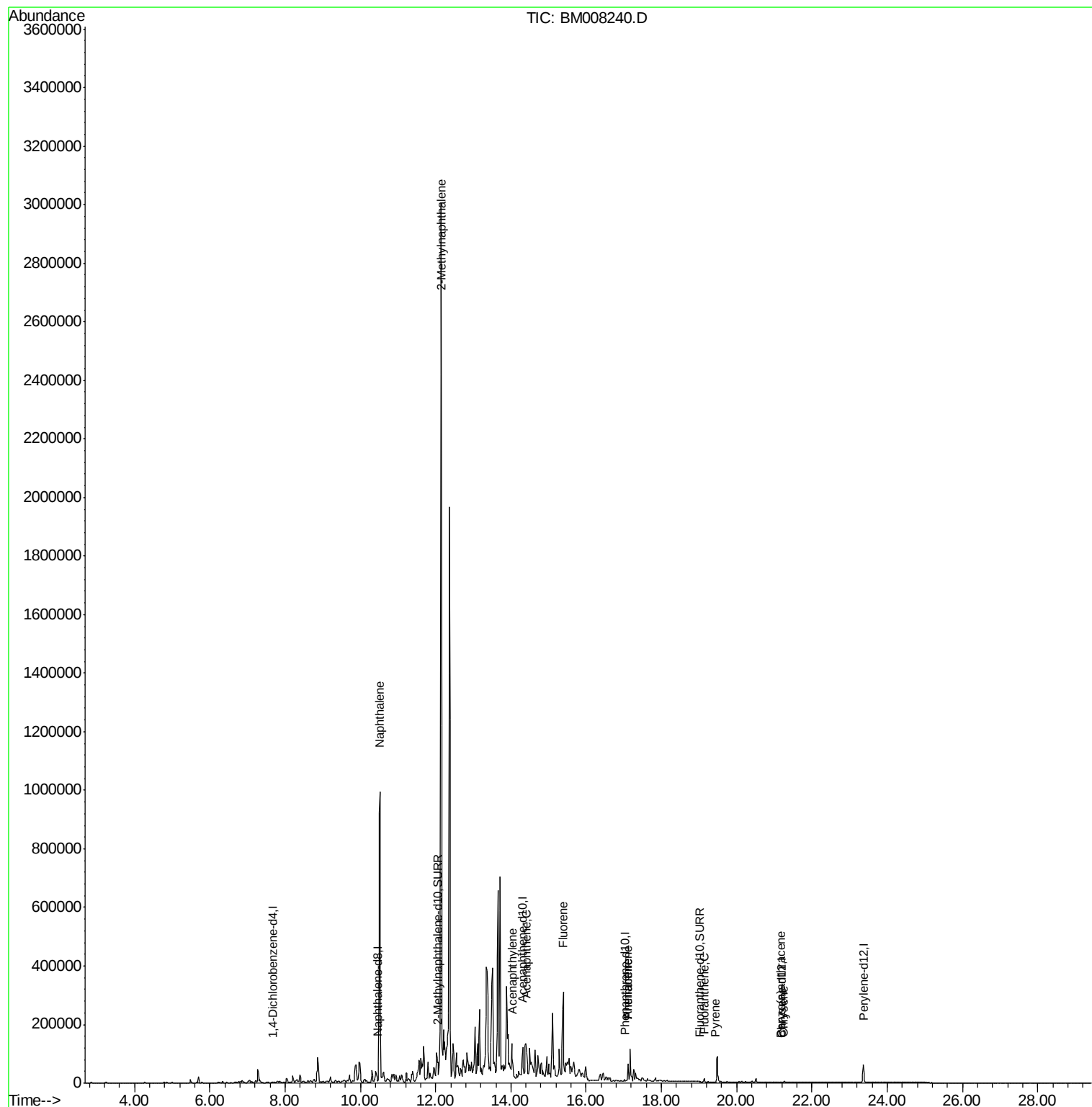
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1120	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.46	136	2675	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	7245	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.02	188	3095	0.40	ng/ul	-0.07
16) Chrysene-d12	21.20	240	49	0.40	ng/ul	-0.09
20) Perylene-d12	23.37	264	68069	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.07	152	1245	0.33	ng/ul	-0.01
14) Fluoranthene-d10	19.01	212	3071	0.35	ng/ul	-0.11
Target Compounds					Ovalue	
3) Naphthalene	10.52	128	1552868	207.58	ng/ul#	93
5) 2-Methylnaphthalene	12.15	142	2309041	478.85	ng/ul	98
7) Acenaphthylene	14.04	152	41407	1.26	ng/ul#	13
8) Acenaphthene	14.40	153	110128	4.41	ng/ul	96
9) Fluorene	15.39	166	205736	7.18	ng/ul	99
12) Phenanthrene	17.11	178	92437	9.59	ng/ul	98
13) Anthracene	17.11	178	92437	10.21	ng/ul	98
15) Fluoranthene	19.14	202	11848	0.95	ng/ul	89
17) Pyrene	19.42	202	415	2.44	ng/ul#	1
18) Benzo(a)anthracene	21.17	228	158	1.05	ng/ul#	1
19) Chrysene	21.25	228	1576	8.42	ng/ul#	40

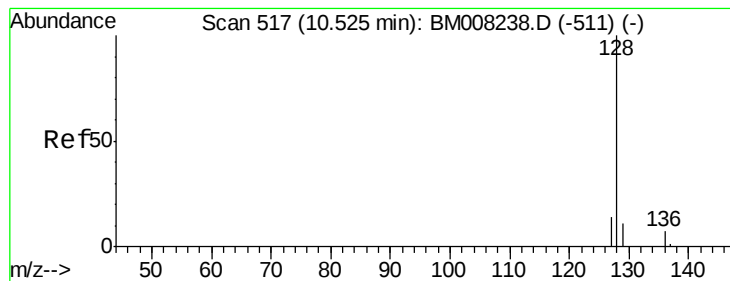
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 207.58 ng/ul

RT: 10.52 min Scan# 517

Delta R.T. -0.00 min

Lab File: BM008240.D

Acq: 10 Dec 2016 19:53

Instrument :

BNA_M

ClientSampleId :

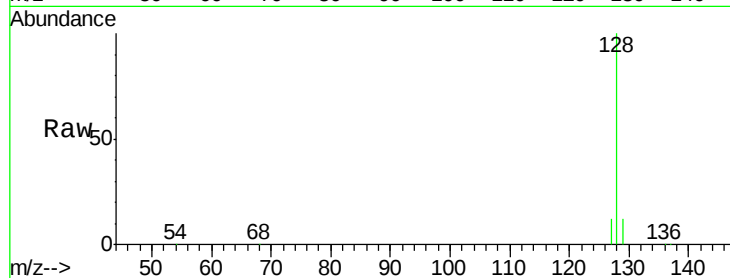
Tot Ion:128 Resp: 1552868

Ion Ratio Lower Upper

128 100

129 11.9 11.3 16.9

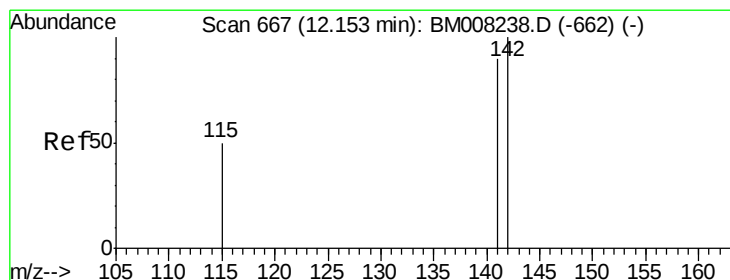
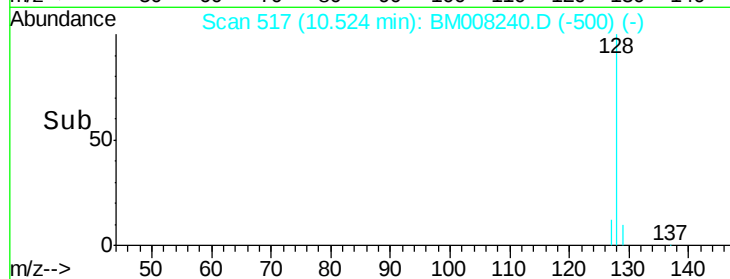
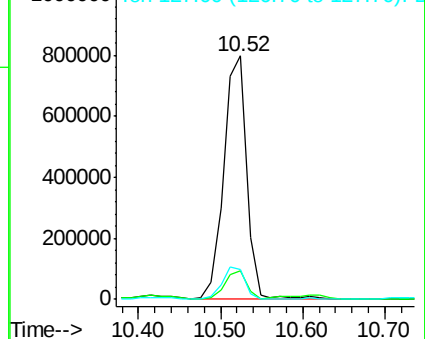
127 12.3 12.8 19.2#



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: 478.85 ng/ul

RT: 12.15 min Scan# 667

Delta R.T. -0.00 min

Lab File: BM008240.D

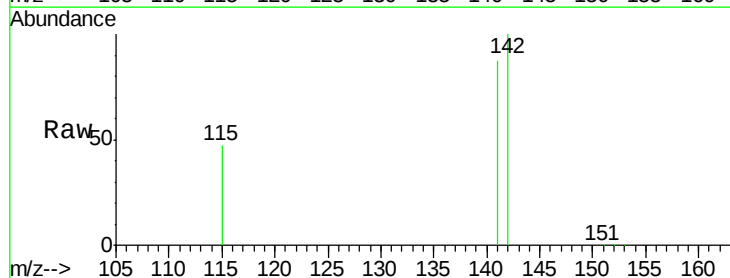
Acq: 10 Dec 2016 19:53

Tgt Ion:142 Resp: 2309041

Ion Ratio Lower Upper

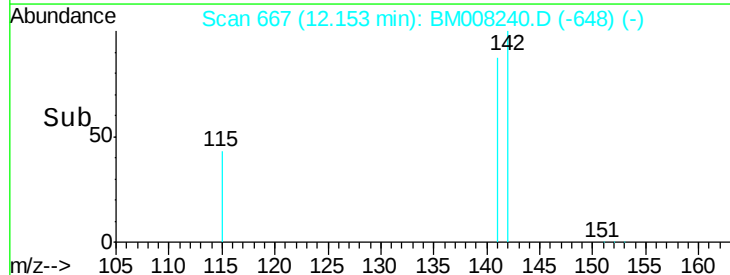
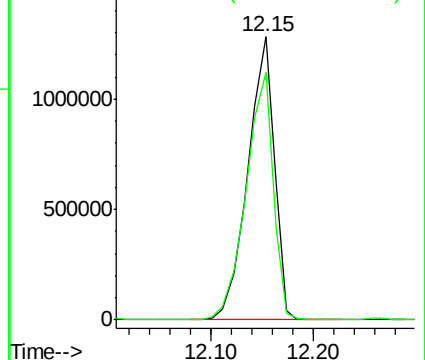
142 100

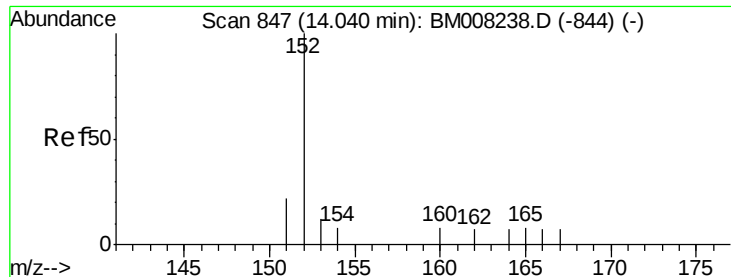
141 88.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.26 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM008240.D

Acq: 10 Dec 2016 19:53

Instrument :

BNA_M

ClientSampled :

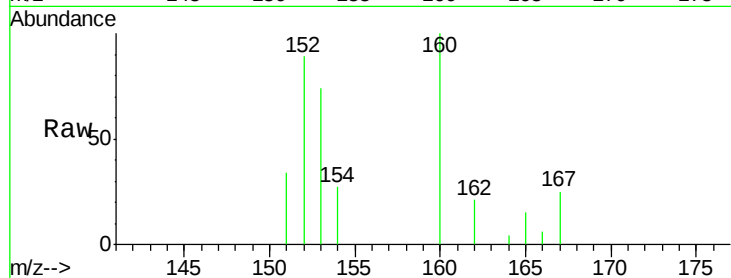
Tot Ion:152 Resp: 41407

Ion Ratio Lower Upper

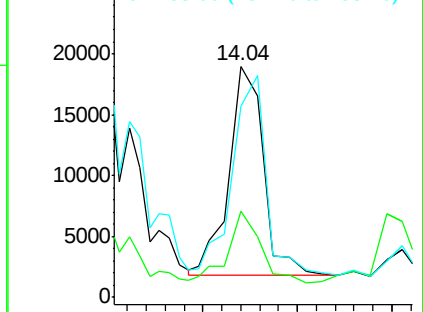
152 100

151 37.5 17.1 25.7#

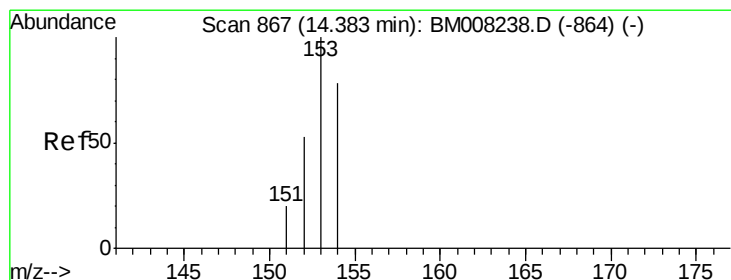
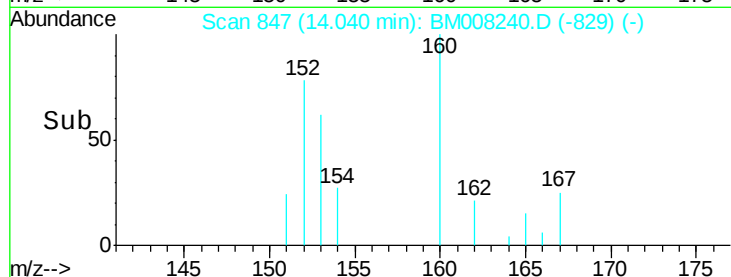
153 82.6 12.8 19.2#



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



Time-->



#8

Acenaphthene

Concen: 4.41 ng/ul

RT: 14.40 min Scan# 868

Delta R.T. 0.02 min

Lab File: BM008240.D

Acq: 10 Dec 2016 19:53

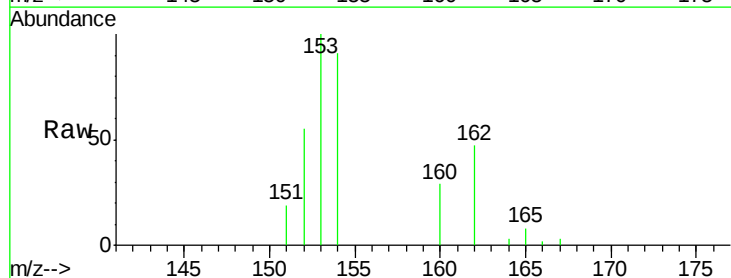
Tgt Ion:153 Resp: 110128

Ion Ratio Lower Upper

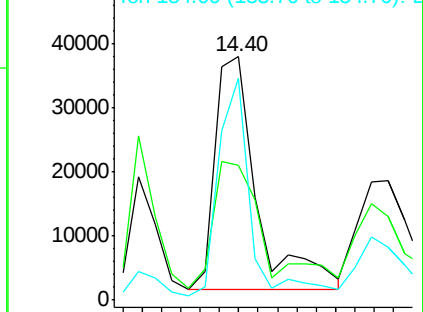
153 100

152 55.2 40.3 60.5

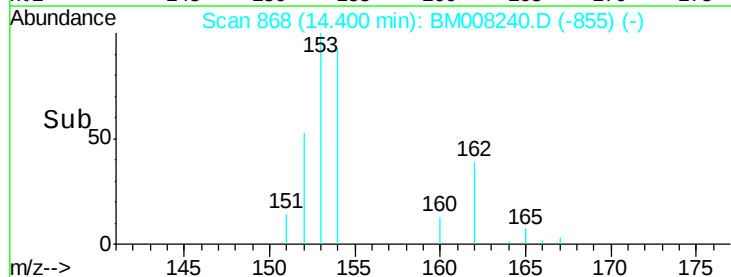
154 90.9 71.4 107.2

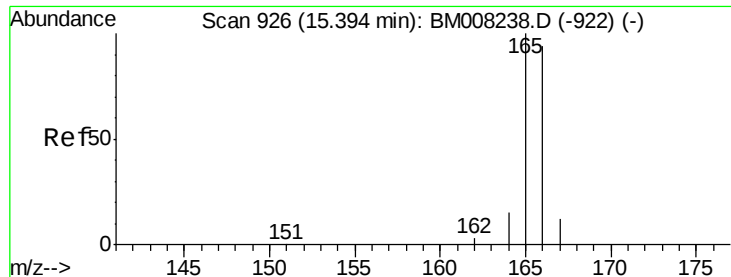


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 7.18 ng/ul

RT: 15.39 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM008240.D

Acq: 10 Dec 2016 19:53

Instrument :

BNA_M

ClientSampleId :

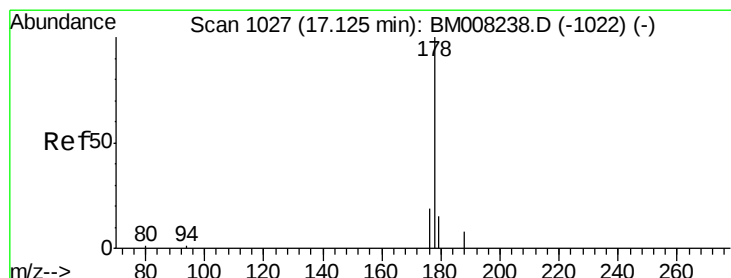
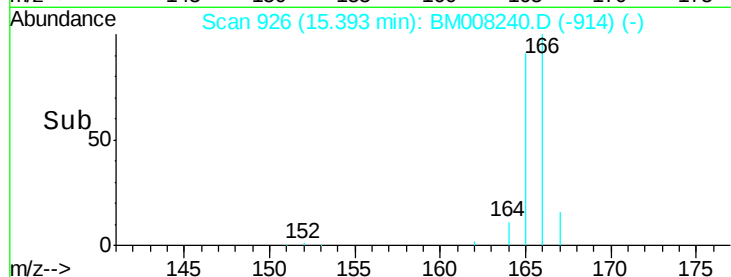
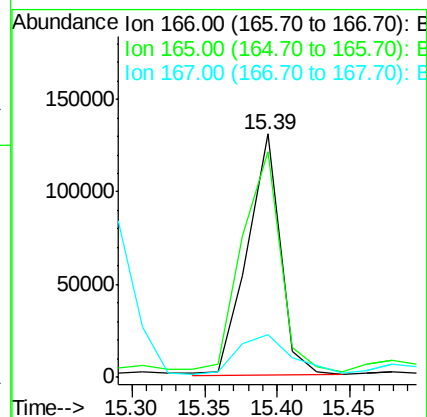
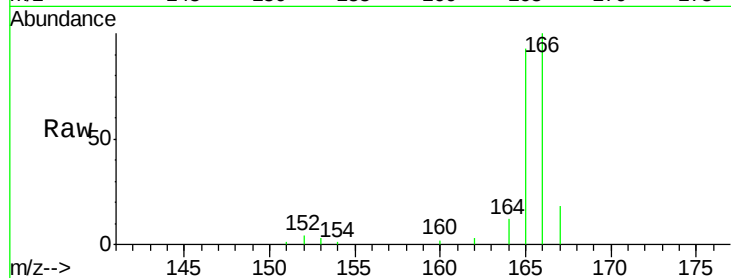
Tot Ion:166 Resp: 205736

Ion Ratio Lower Upper

166 100

165 92.8 73.4 110.2

167 17.7 14.6 22.0



#12

Phenanthrene

Concen: 9.59 ng/ul

RT: 17.11 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BM008240.D

Acq: 10 Dec 2016 19:53

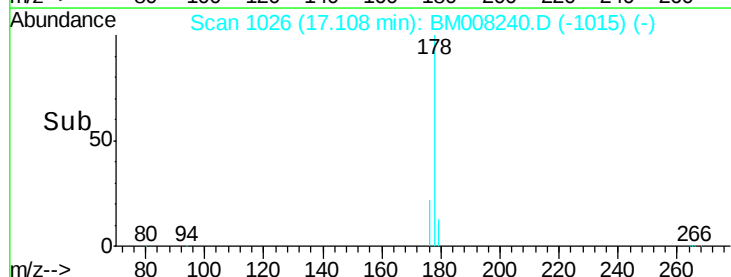
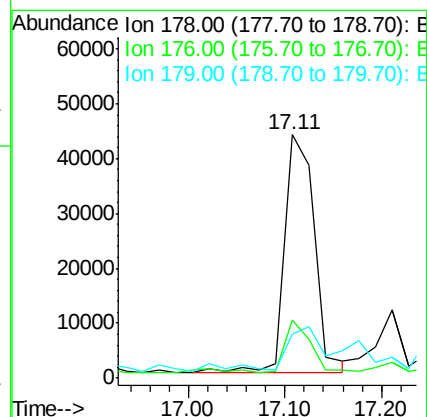
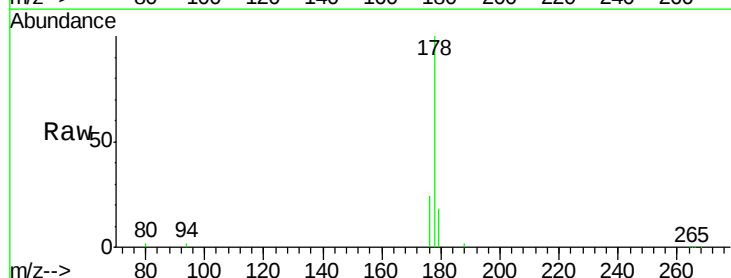
Tgt Ion:178 Resp: 92437

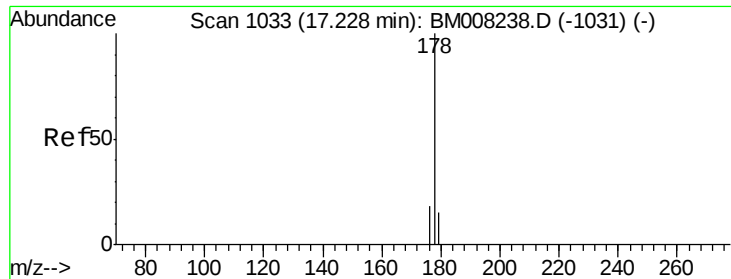
Ion Ratio Lower Upper

178 100

176 23.9 18.4 27.6

179 18.2 13.6 20.4





#13

Anthracene

Concen: 10.21 ng/ul

RT: 17.11 min Scan# 1026

Delta R.T. -0.12 min

Lab File: BM008240.D

Acq: 10 Dec 2016 19:53

Instrument :

BNA_M

ClientSampleId :

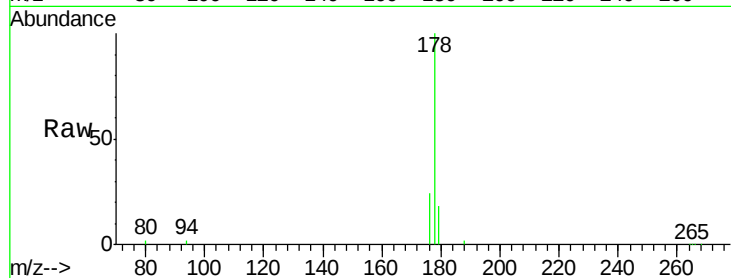
Tot Ion:178 Resp: 92437

Ion Ratio Lower Upper

178 100

176 23.9 18.1 27.1

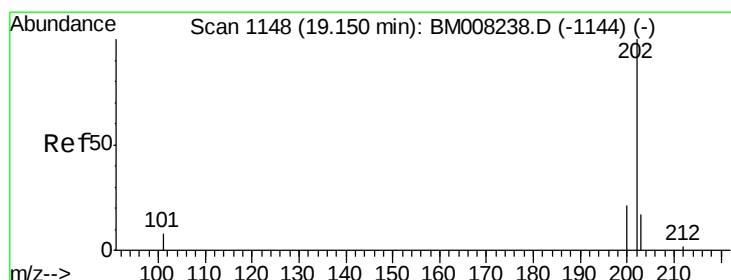
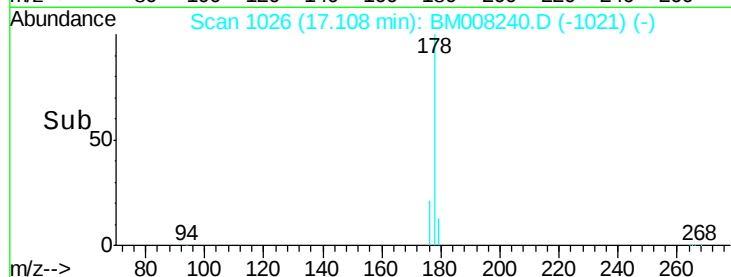
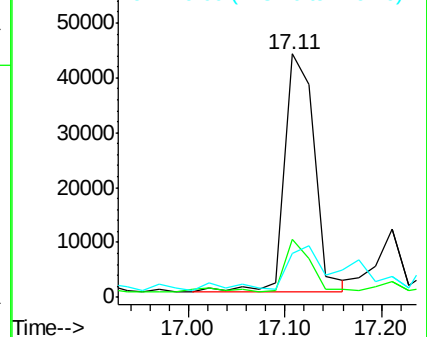
179 18.2 14.7 22.1



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: 0.95 ng/ul

RT: 19.14 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM008240.D

Acq: 10 Dec 2016 19:53

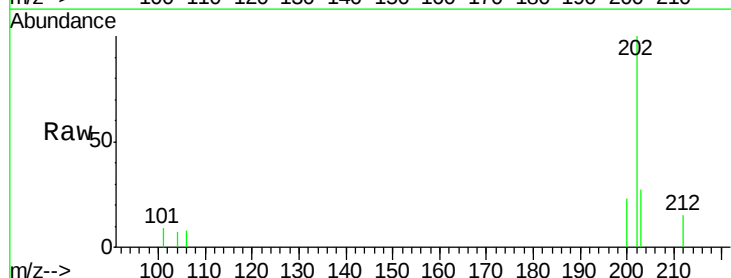
Tgt Ion:202 Resp: 11848

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.3

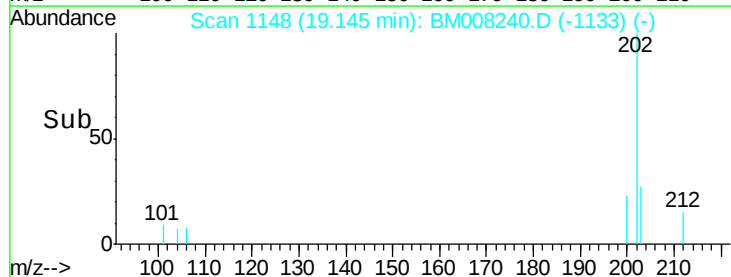
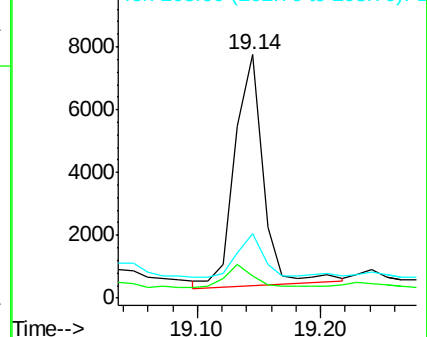
203 26.6 0.0 39.5

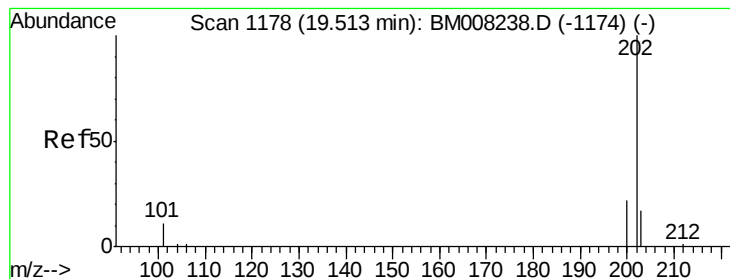


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#17

Pvrene

Concen: 2.44 ng/ul

RT: 19.42 min Scan# 1171

Delta R.T. -0.09 min

Lab File: BM008240.D

Acq: 10 Dec 2016 19:53

Instrument :

BNA_M

ClientSampleId :

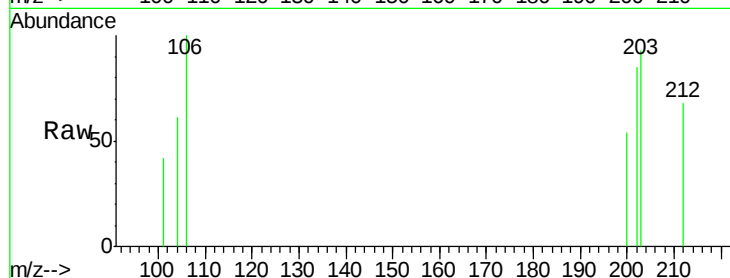
Tot Ion:202 Resp: 415

Ion Ratio Lower Upper

202 100

200 62.9 18.2 27.4#

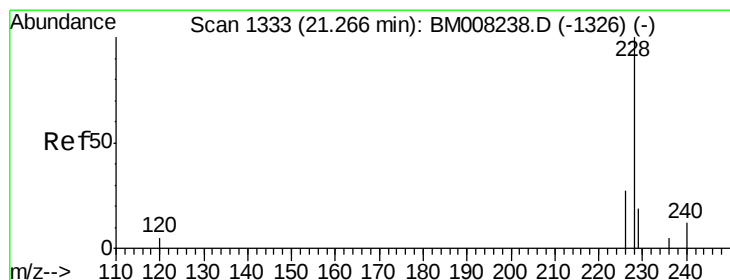
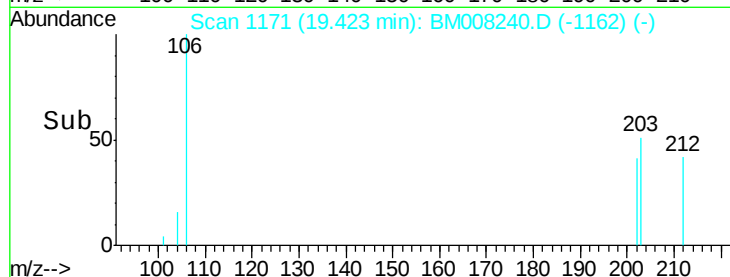
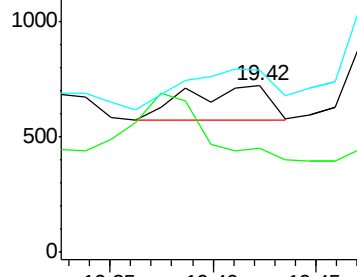
203 109.2 15.6 23.4#



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: 1.05 ng/ul

RT: 21.17 min Scan# 1324

Delta R.T. -0.10 min

Lab File: BM008240.D

Acq: 10 Dec 2016 19:53

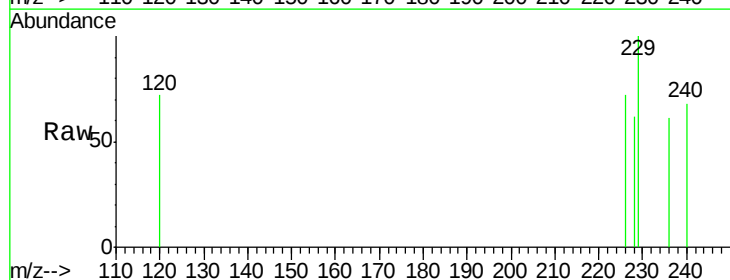
Tgt Ion:228 Resp: 158

Ion Ratio Lower Upper

228 100

226 116.3 22.8 34.2#

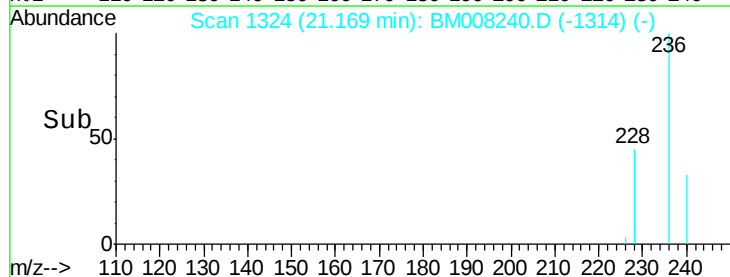
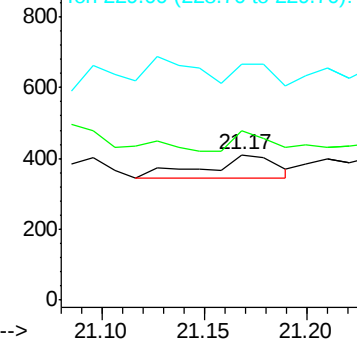
229 162.0 17.0 25.6#

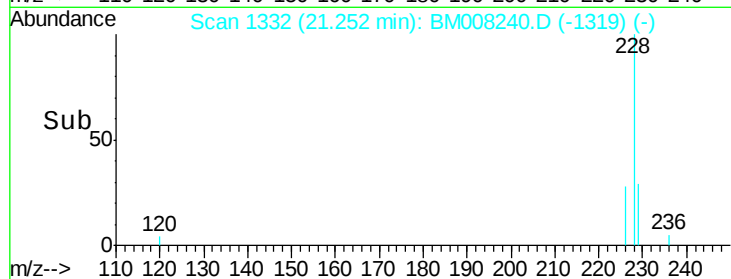
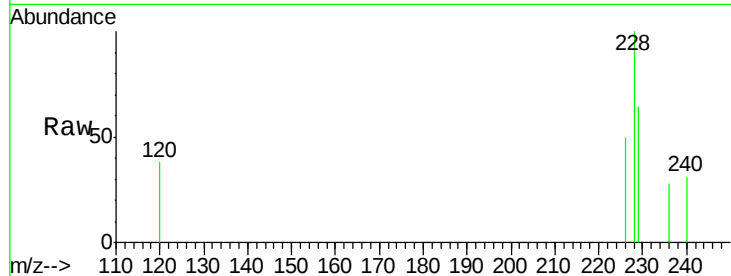
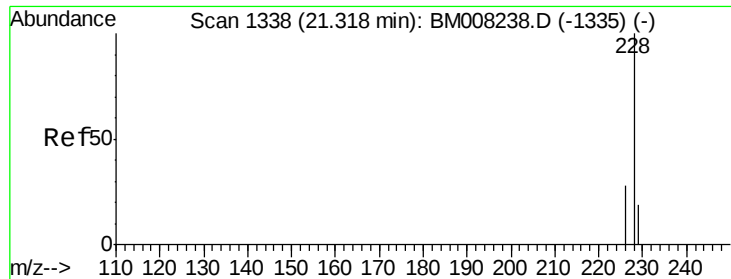


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 8.42 ng/ul

RT: 21.25 min Scan# 1332

Delta R.T. -0.07 min

Lab File: BM008240.D

Acq: 10 Dec 2016 19:53

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 228 Resp: 1576

Ion Ratio Lower Upper

228 100

226 50.4 23.4 35.0#

229 63.7 17.7 26.5#

