

Data Path : Z:\HPCHEM1\BNA M\DATA\BM060217\
 Data File : BM010411.D
 Acq On : 03 Jun 2017 05:23
 Operator : SJ/MA
 Sample : I3163-10
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 05 04:04:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM053017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 04:03:07 2017
 Response via : Initial Calibration

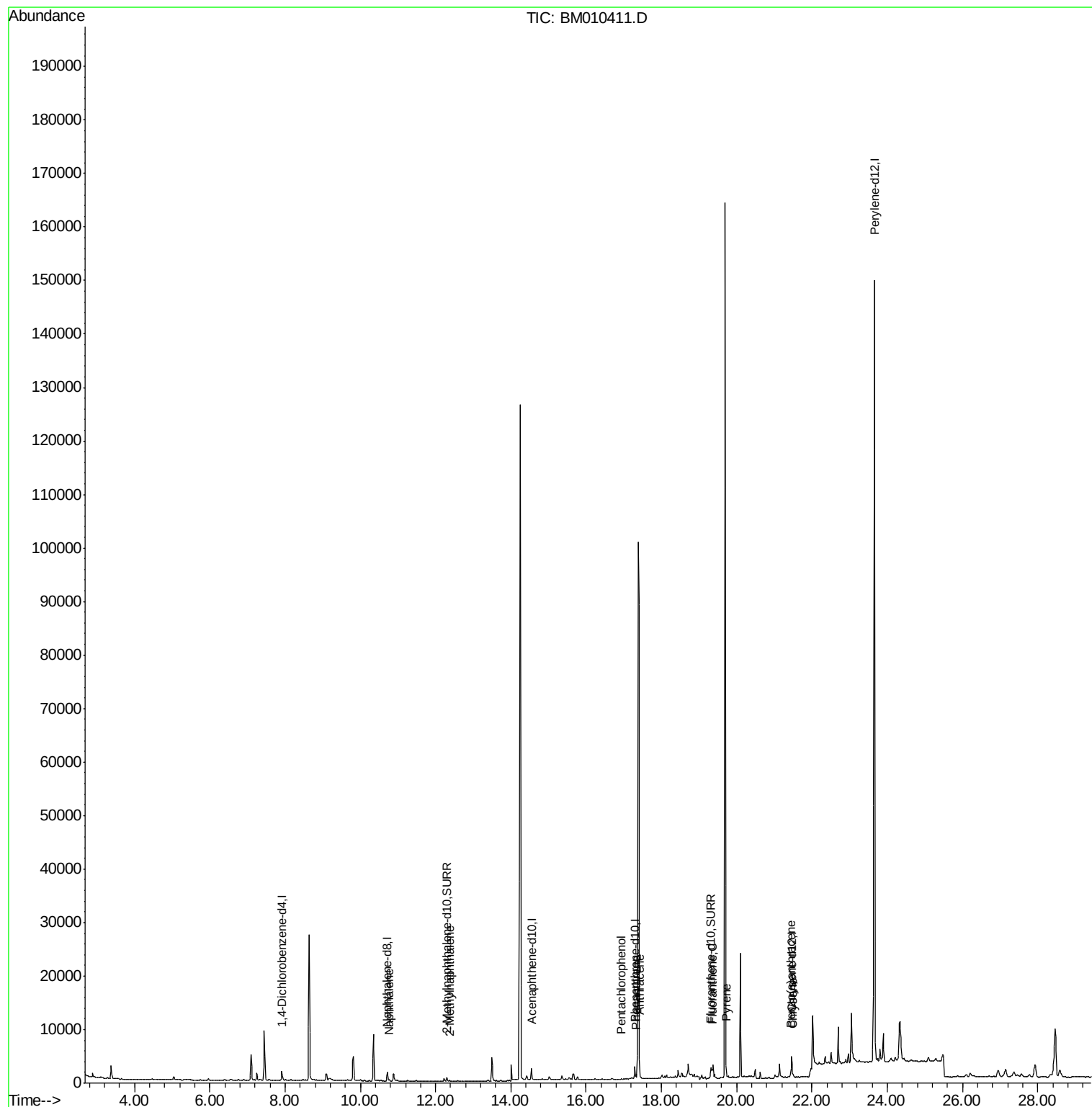
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	872	0.40	ng/ul	0.00
2) Naphthalene-d8	10.72	136	2575	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	1477	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	3198	0.40	ng/ul	0.00
16) Chrysene-d12	21.46	240	3423	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	178719	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	897	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.31	212	2175	0.26	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.77	128	247	0.04	ng/ul#	43
5) 2-Methylnaphthalene	12.37	142	96	0.02	ng/ul	92
11) Pentachlorophenol	16.94	266	54	0.04	ng/ul#	57
12) Phenanthrene	17.33	178	897	0.09	ng/ul#	80
13) Anthracene	17.42	178	489	0.05	ng/ul#	46
15) Fluoranthene	19.35	202	2341	0.18	ng/ul	58
17) Pyrene	19.71	202	1437	0.10	ng/ul#	62
18) Benzo(a)anthracene	21.44	228	982	0.07	ng/ul#	55
19) Chrysene	21.49	228	800	0.06	ng/ul#	54

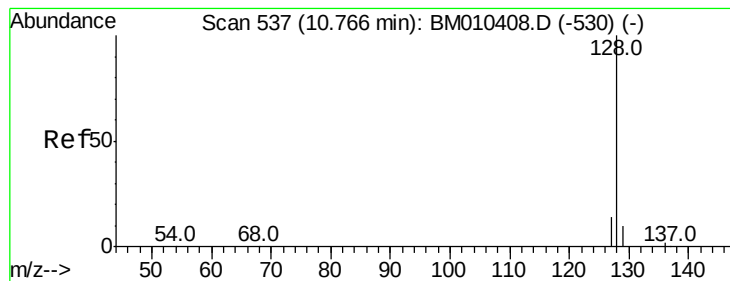
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.04 ng/ul

RT: 10.77 min Scan# 537

Delta R.T. 0.00 min

Lab File: BM010411.D

Acq: 03 Jun 2017 05:23

Instrument :

BNA_M

ClientSampleId :

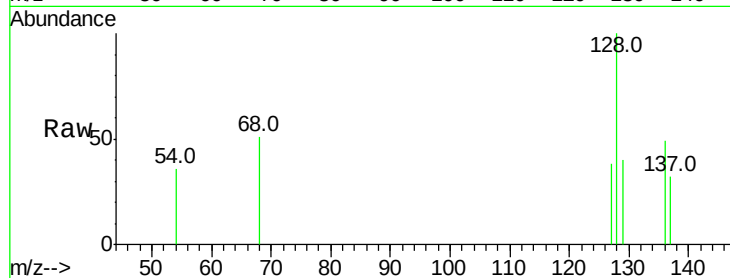
Tot Ion:128 Resp: 247

Ion Ratio Lower Upper

128 100

129 40.1 11.3 16.9#

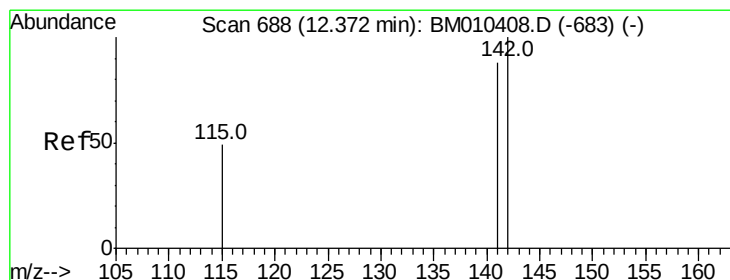
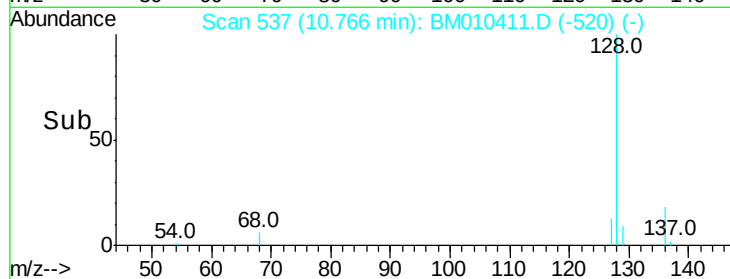
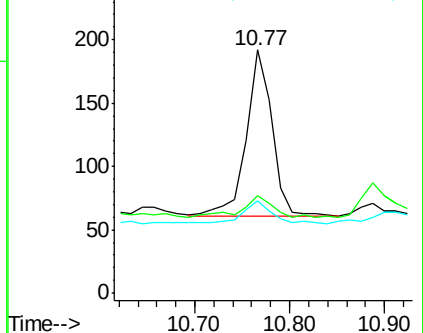
127 38.0 12.8 19.2#



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: 0.02 ng/ul

RT: 12.37 min Scan# 688

Delta R.T. 0.00 min

Lab File: BM010411.D

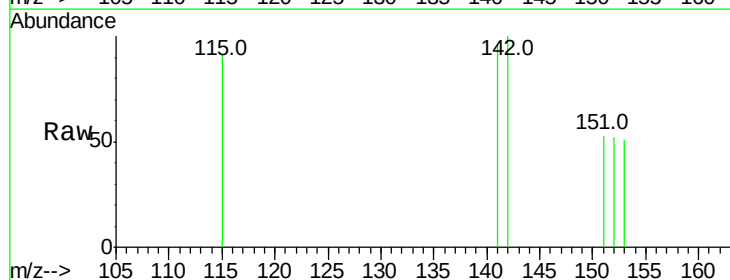
Acq: 03 Jun 2017 05:23

Tgt Ion:142 Resp: 96

Ion Ratio Lower Upper

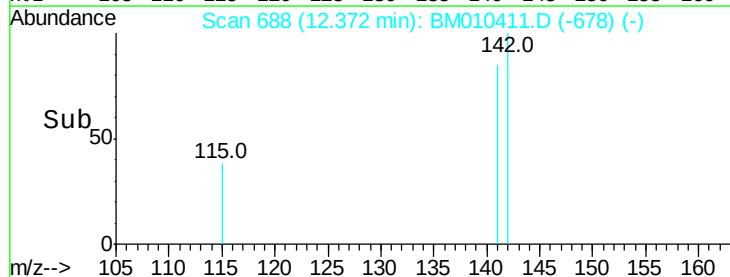
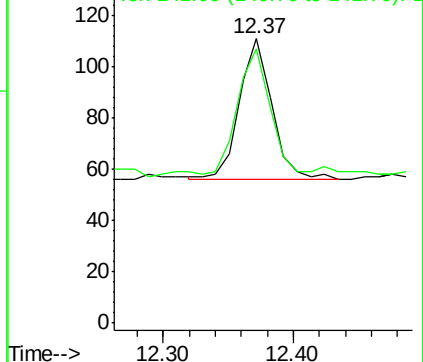
142 100

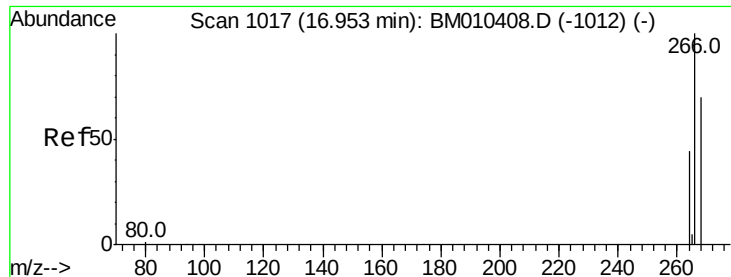
141 97.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

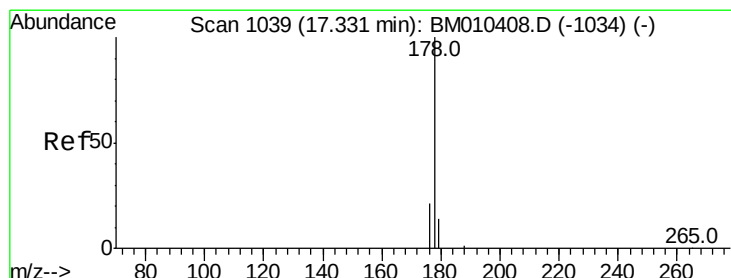
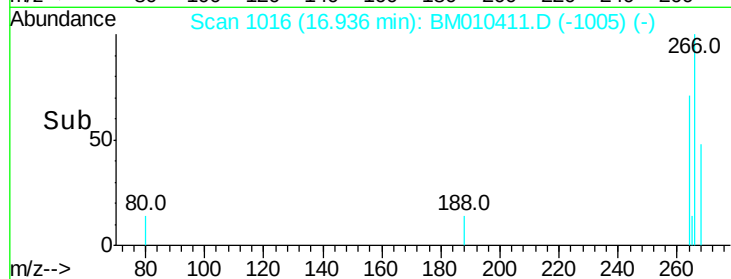
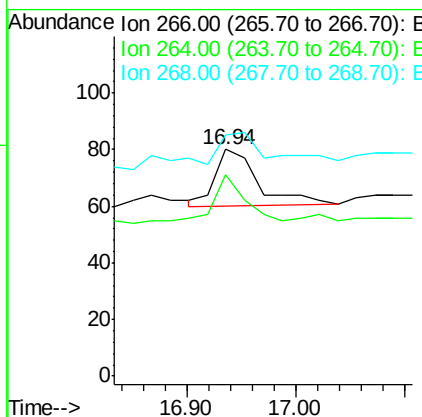
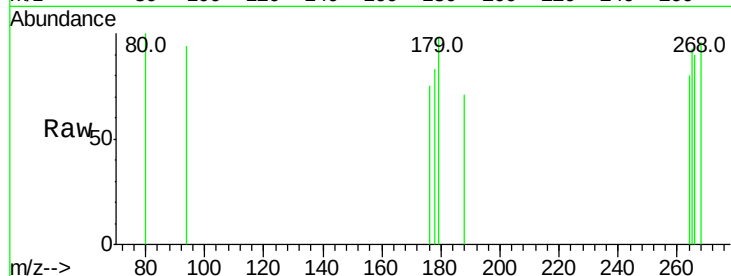




#11
 Pentachlorophenol
 Concen: 0.04 ng/ul
 RT: 16.94 min Scan# 1016
 Delta R.T. -0.02 min
 Lab File: BM010411.D
 Acq: 03 Jun 2017 05:23

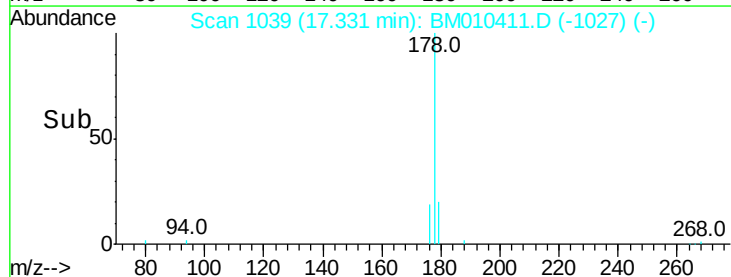
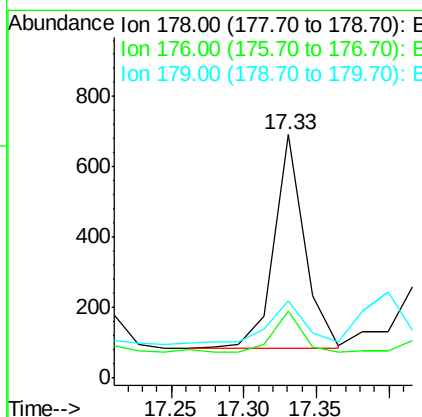
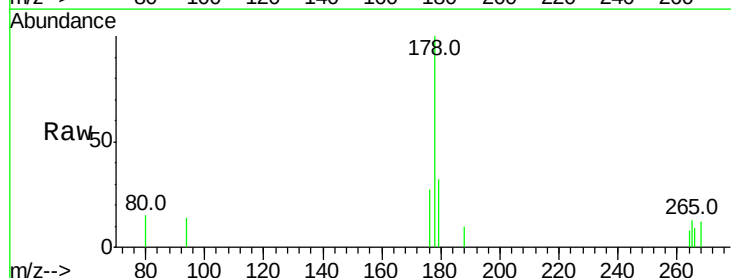
Instrument :
 BNA_M
 ClientSampled :

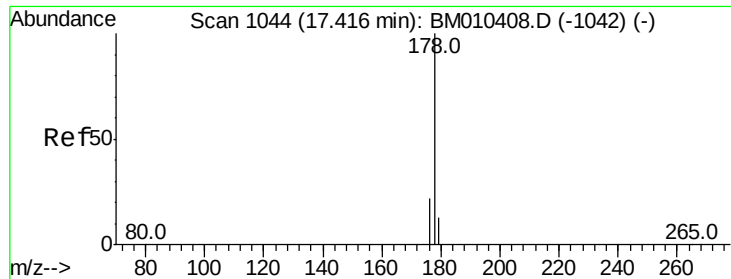
Tot Ion:266 Resp: 54
 Ion Ratio Lower Upper
 266 100
 264 68.5 47.9 71.9
 268 118.5 49.8 74.8#



#12
 Phenanthrene
 Concen: 0.09 ng/ul
 RT: 17.33 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BM010411.D
 Acq: 03 Jun 2017 05:23

Tgt Ion:178 Resp: 897
 Ion Ratio Lower Upper
 178 100
 176 27.3 18.4 27.6
 179 31.8 13.6 20.4#





#13

Anthracene

Concen: 0.05 ng/ul

RT: 17.42 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BM010411.D

Acq: 03 Jun 2017 05:23

Instrument :

BNA_M

ClientSampleId :

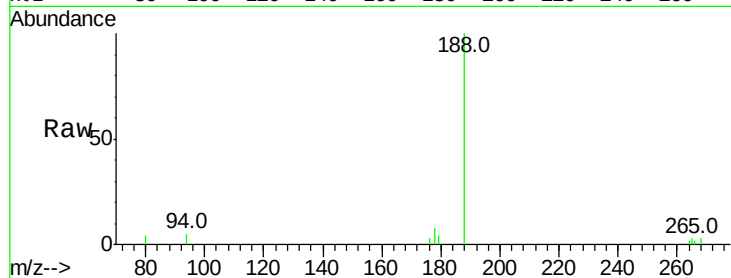
Tot Ion:178 Resp: 489

Ion Ratio Lower Upper

178 100

176 40.8 18.1 27.1#

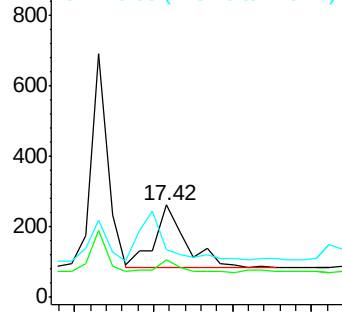
179 51.1 14.7 22.1#



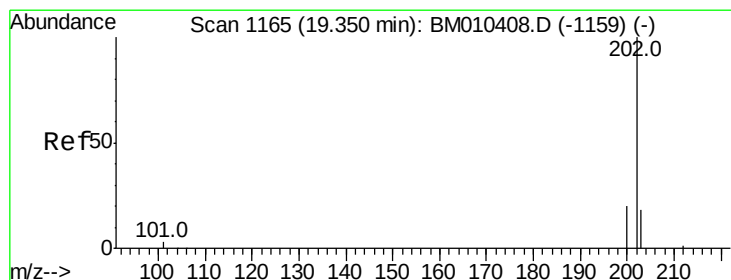
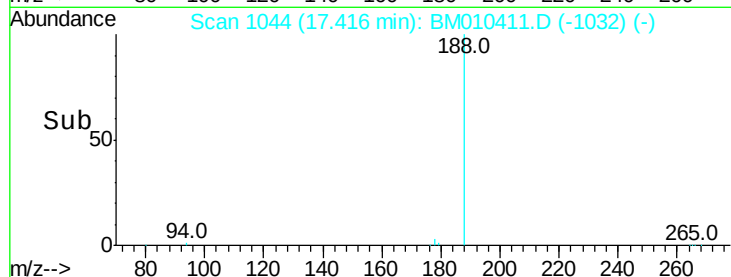
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#15

Fluoranthene

Concen: 0.18 ng/ul

RT: 19.35 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BM010411.D

Acq: 03 Jun 2017 05:23

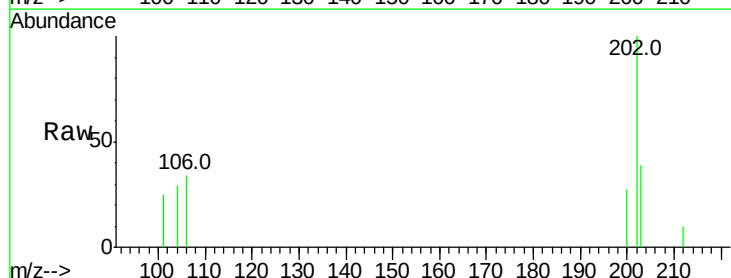
Tgt Ion:202 Resp: 2341

Ion Ratio Lower Upper

202 100

101 24.7 0.0 30.3

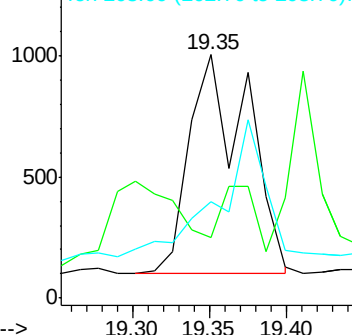
203 39.4 0.0 39.5



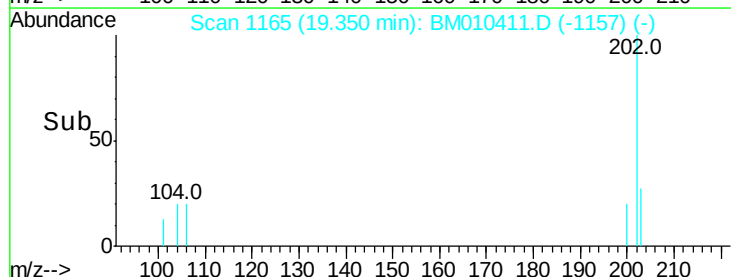
Abundance Ion 202.00 (201.70 to 202.70): E

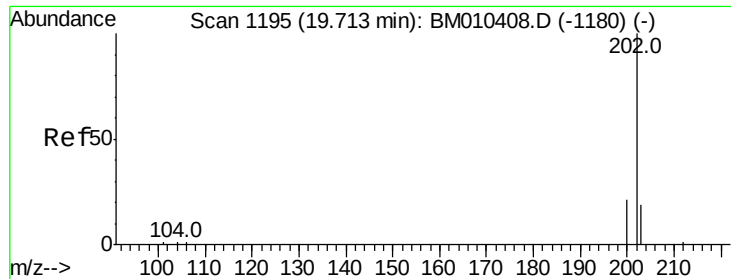
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->

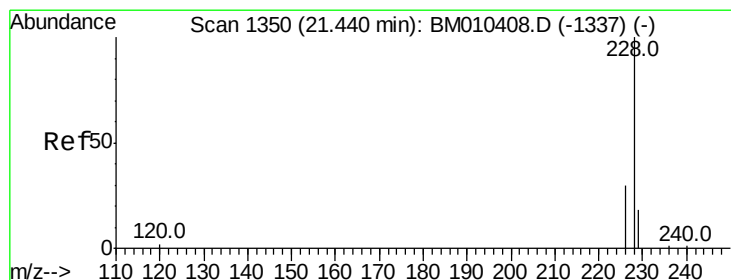
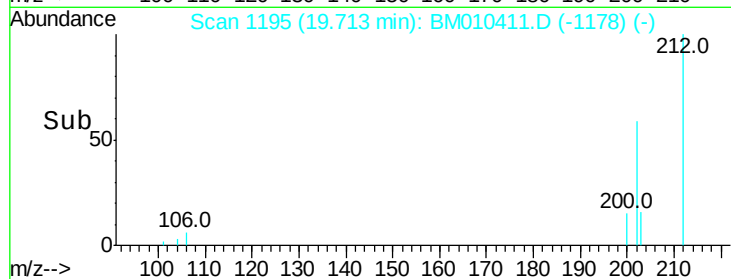
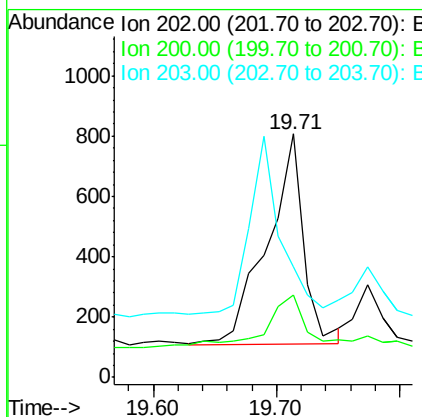
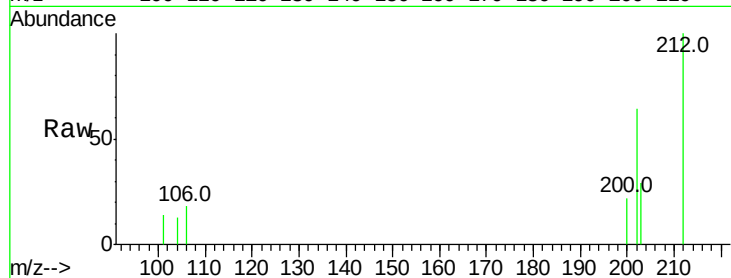




#17
 Pvrene
 Concen: 0.10 ng/ul
 RT: 19.71 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BM010411.D
 Acq: 03 Jun 2017 05:23

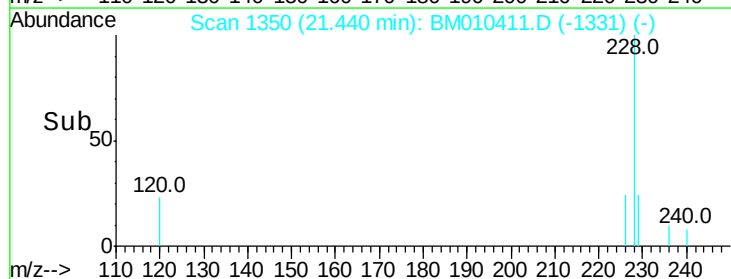
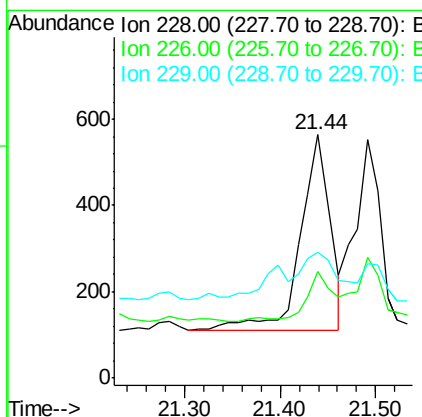
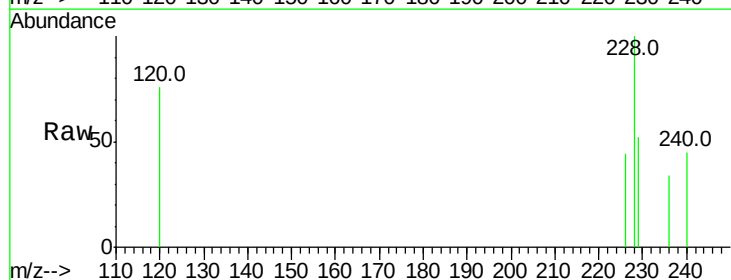
Instrument :
 BNA_M
 ClientSampled :

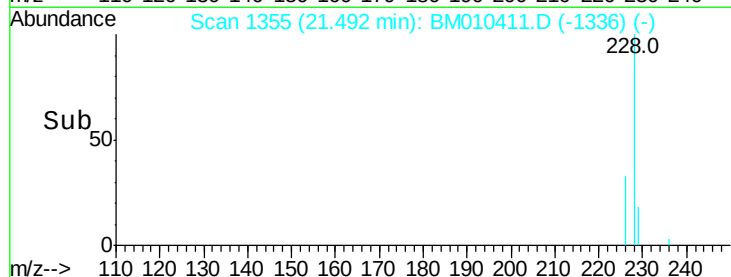
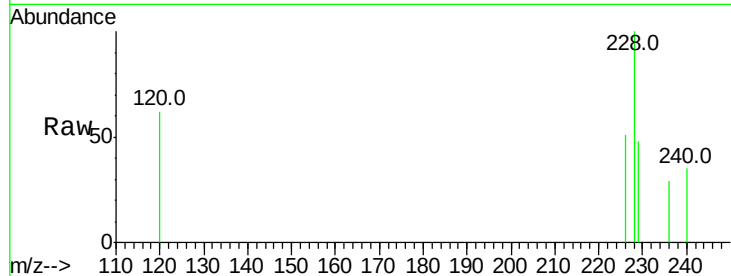
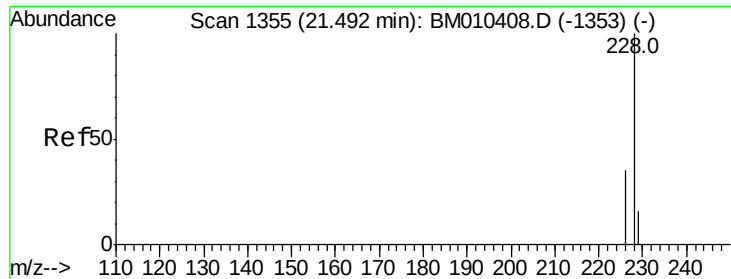
Tot Ion:202 Resp: 1437
 Ion Ratio Lower Upper
 202 100
 200 33.6 18.2 27.4#
 203 45.6 15.6 23.4#



#18
 Benzo(a)anthracene
 Concen: 0.07 ng/ul
 RT: 21.44 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BM010411.D
 Acq: 03 Jun 2017 05:23

Tgt Ion:228 Resp: 982
 Ion Ratio Lower Upper
 228 100
 226 44.0 22.8 34.2#
 229 52.0 17.0 25.6#





#19

Chrvsene

Concen: 0.06 ng/ul

RT: 21.49 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BM010411.D

Acq: 03 Jun 2017 05:23

Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 800

Ion Ratio Lower Upper

228 100

226 50.6 23.4 35.0#

229 47.9 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

