

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
 Data File : BM008616.D
 Acq On : 24 Dec 2016 04:37
 Operator : UM/SJ
 Sample : H5995-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA875

Quant Time: Dec 24 05:32:04 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	514	0.40	ng/ul	-0.09
2) Naphthalene-d8	10.40	136	1614	0.40	ng/ul	-0.10
6) Acenaphthene-d10	14.14	164	1029	0.40	ng/ul	-0.17
10) Phenanthrene-d10	16.90	188	375	0.40	ng/ul	-0.19
16) Chrysene-d12	21.05	240	139	0.40	ng/ul	-0.22
20) Perylene-d12	23.33	264	71708	0.40	ng/ul	-0.18

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.00	152	1089	0.44	ng/ul	-0.10
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

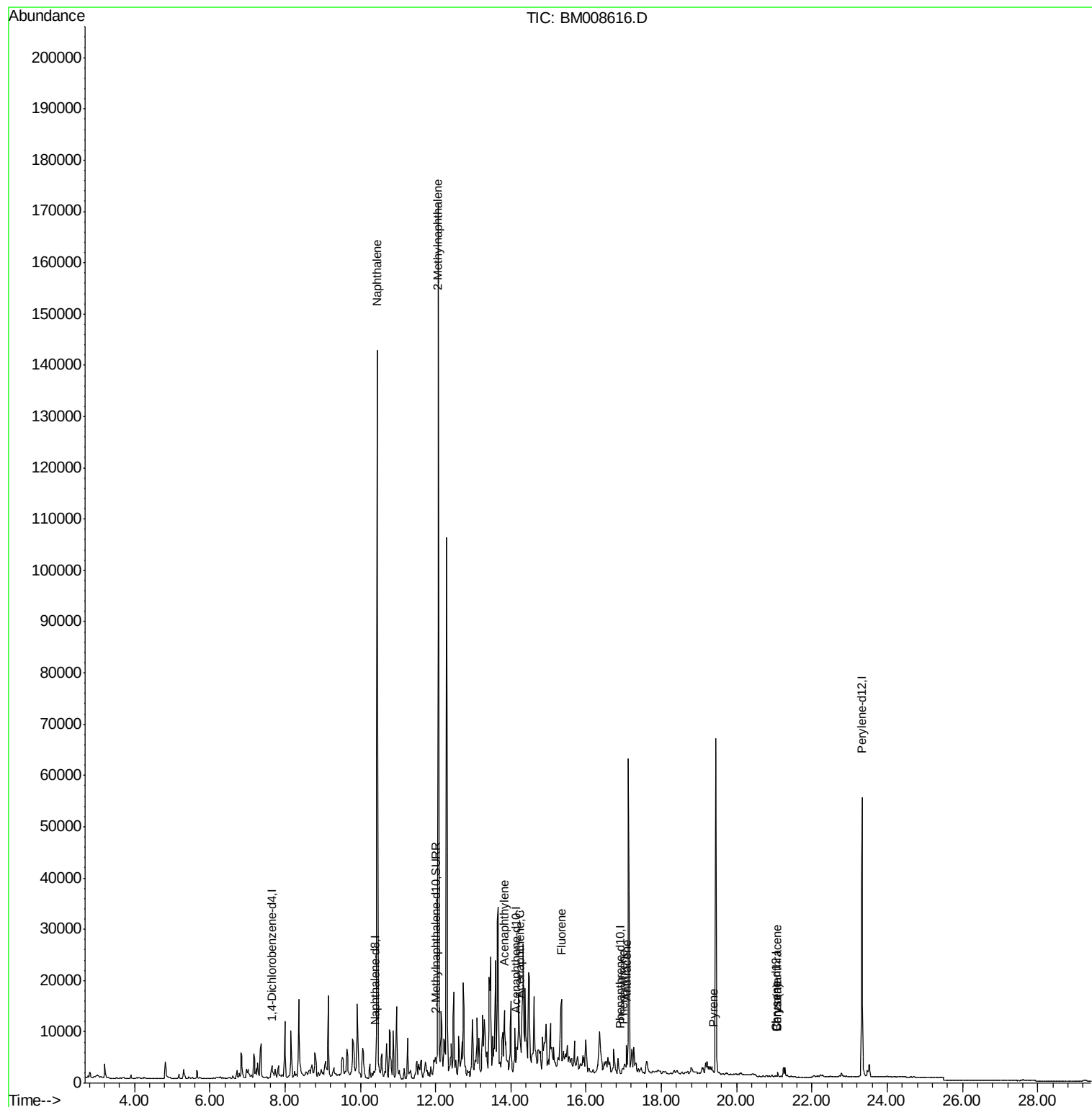
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.45	128	193584	42.63	ng/ul#	93
5) 2-Methylnaphthalene	12.07	142	111972	36.64	ng/ul	98
7) Acenaphthylene	13.83	152	2188	0.47	ng/ul#	1
8) Acenaphthene	14.25	153	782	0.22	ng/ul#	17
9) Fluorene	15.34	166	9971	2.50	ng/ul	99
12) Phenanthrene	16.97	178	578	0.50	ng/ul#	1
13) Anthracene	17.07	178	5211	4.69	ng/ul#	84
17) Pyrene	19.37	202	214	0.40	ng/ul#	1
18) Benzo(a)anthracene	21.06	228	37	0.08	ng/ul#	1
19) Chrysene	21.06	228	16	0.03	ng/ul#	1

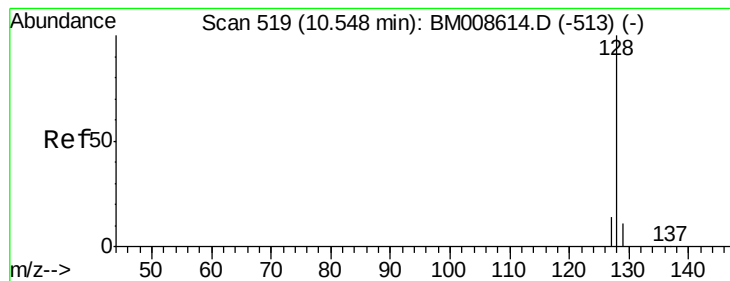
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 42.63 ng/ul

RT: 10.45 min Scan# 511

Delta R.T. -0.10 min

Lab File: BM008616.D

Acq: 24 Dec 2016 04:37

Instrument :

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DA875

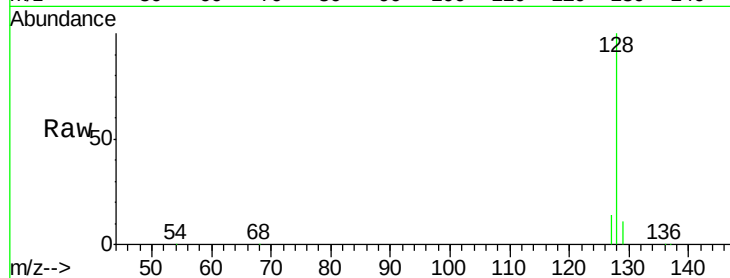
Tgt Ion:128 Resp: 193584

Ion Ratio Lower Upper

128 100

129 10.7 11.3 16.9#

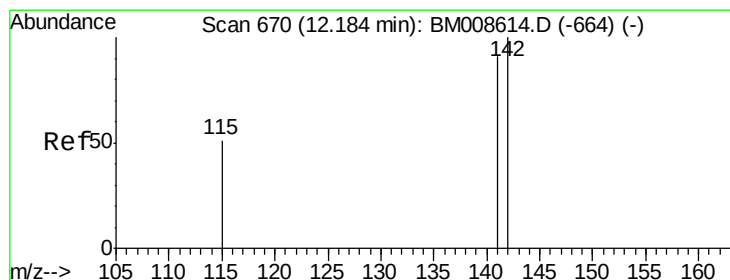
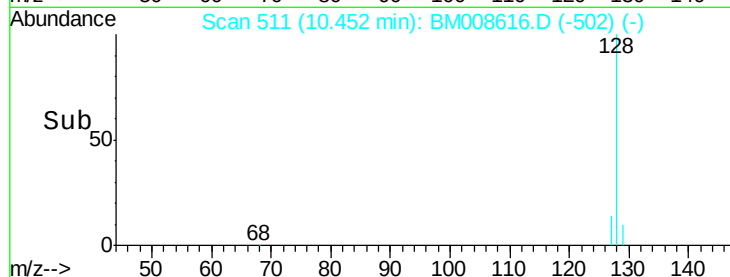
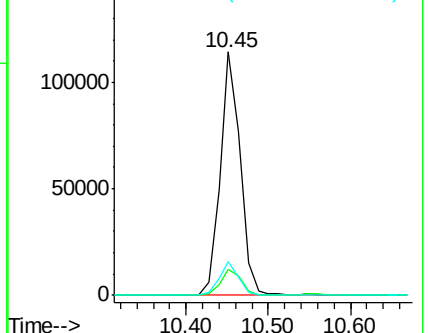
127 13.7 12.8 19.2



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: 36.64 ng/ul

RT: 12.07 min Scan# 659

Delta R.T. -0.11 min

Lab File: BM008616.D

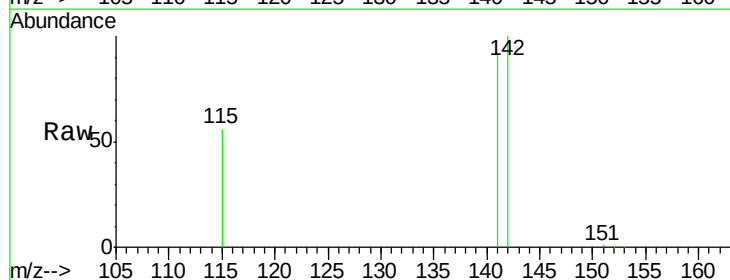
Acq: 24 Dec 2016 04:37

Tgt Ion:142 Resp: 111972

Ion Ratio Lower Upper

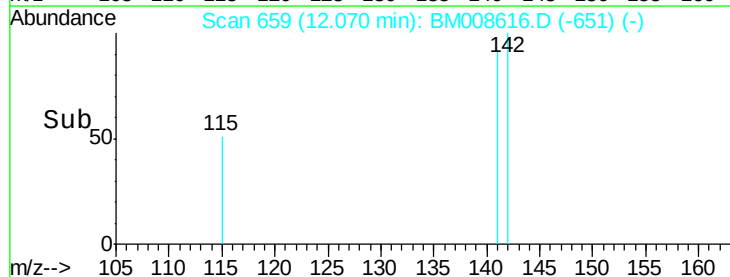
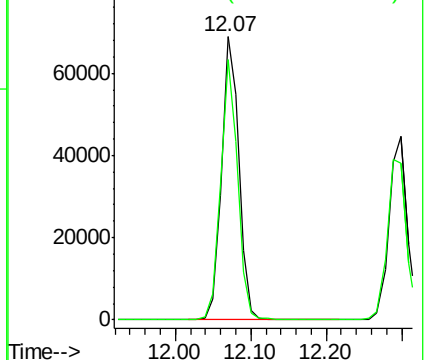
142 100

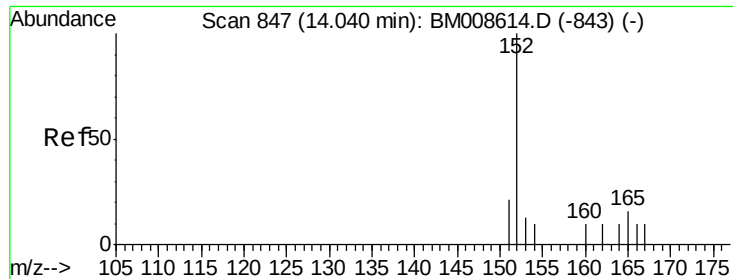
141 89.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.47 ng/ul

RT: 13.83 min Scan# 828

Delta R.T. -0.21 min

Lab File: BM008616.D

Acq: 24 Dec 2016 04:37

Instrument :

BNA_M

ClientSampleId :

DA875

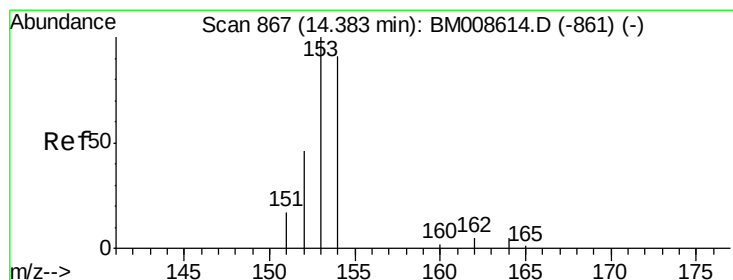
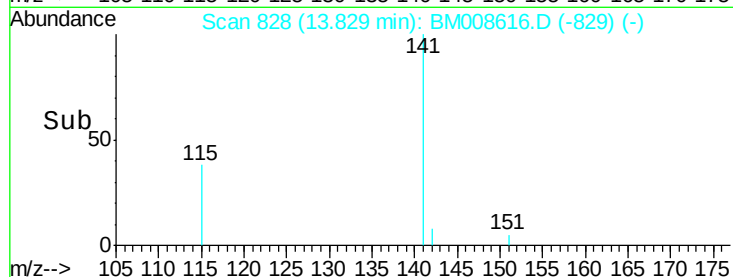
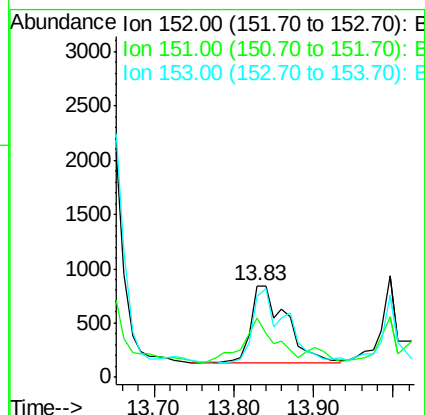
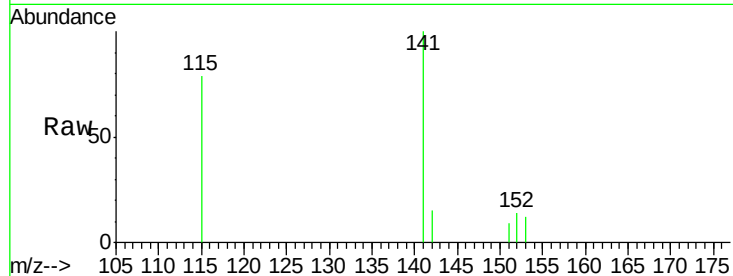
Tgt Ion:152 Resp: 2188

Ion Ratio Lower Upper

152 100

151 64.6 17.1 25.7#

153 87.8 12.8 19.2#



#8

Acenaphthene

Concen: 0.22 ng/ul

RT: 14.25 min Scan# 859

Delta R.T. -0.14 min

Lab File: BM008616.D

Acq: 24 Dec 2016 04:37

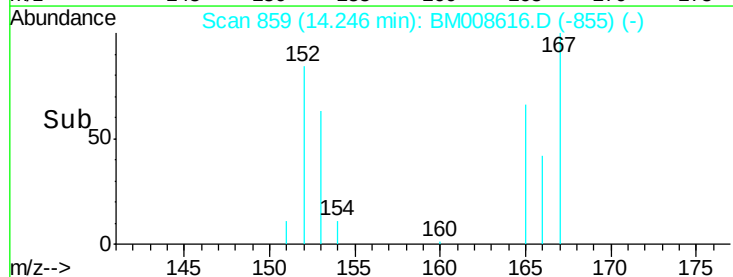
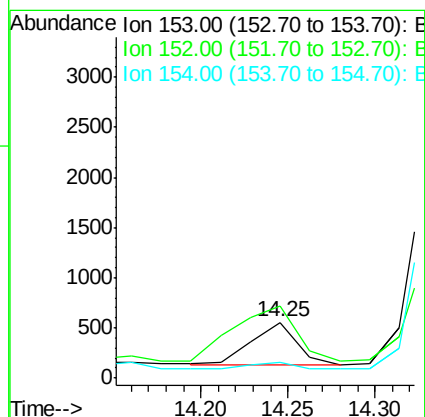
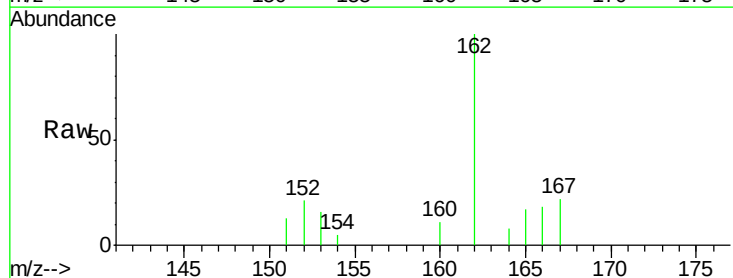
Tgt Ion:153 Resp: 782

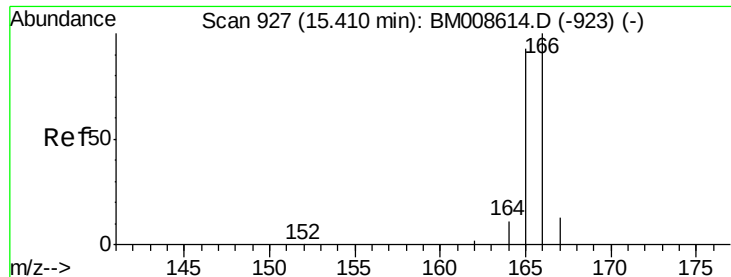
Ion Ratio Lower Upper

153 100

152 129.4 40.3 60.5#

154 28.5 71.4 107.2#

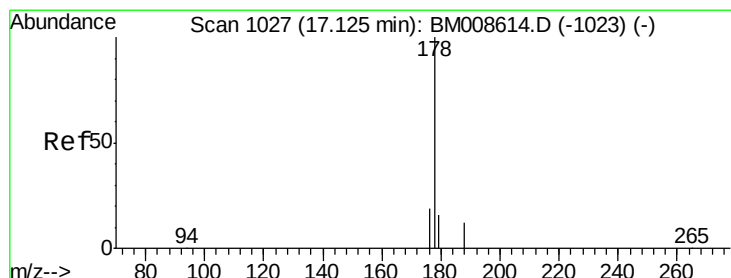
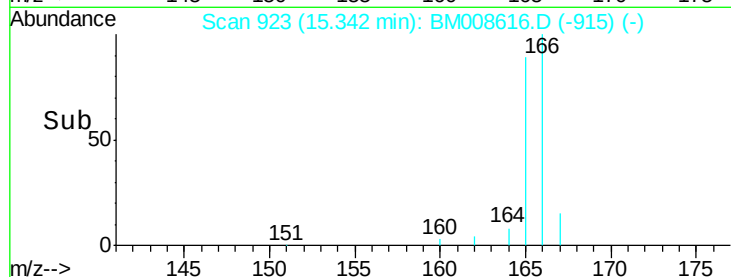
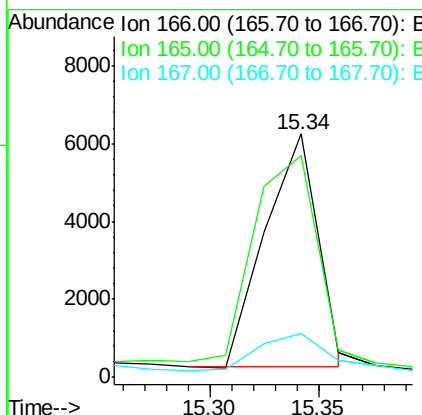
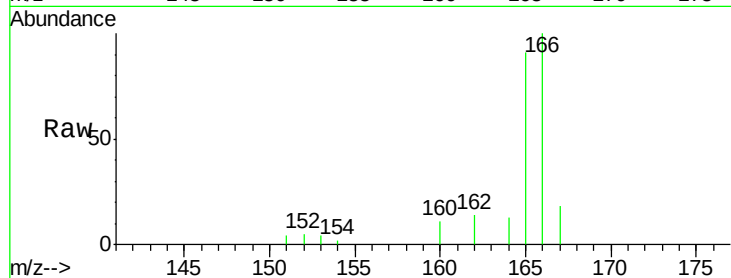




#9
Fluorene
Concen: 2.50 ng/ul
RT: 15.34 min Scan# 923
Delta R.T. -0.07 min
Lab File: BM008616.D
Acq: 24 Dec 2016 04:37

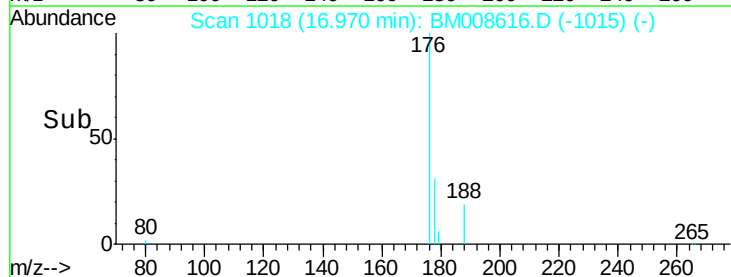
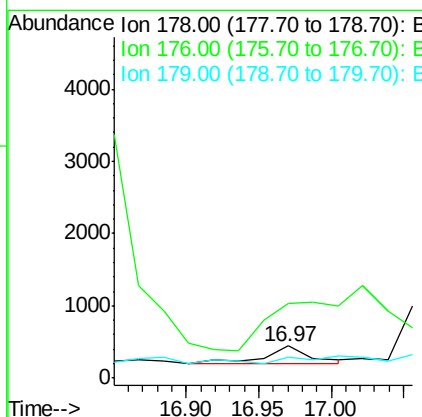
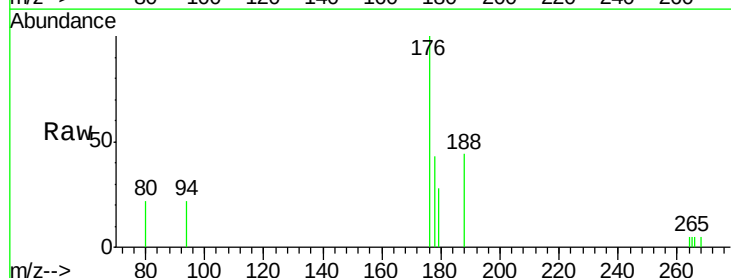
Instrument :
BNA_M
ClientSampleId :
DA875

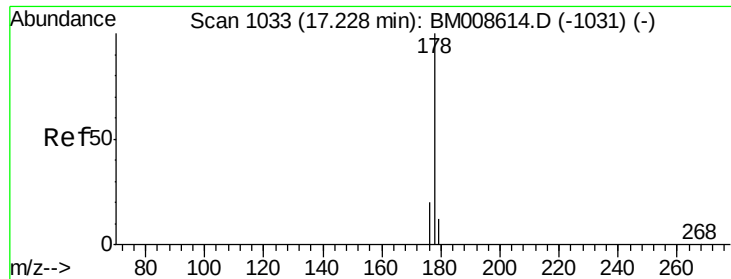
Tgt Ion:166 Resp: 9971
Ion Ratio Lower Upper
166 100
165 91.2 73.4 110.2
167 18.0 14.6 22.0



#12
Phenanthrene
Concen: 0.50 ng/ul
RT: 16.97 min Scan# 1018
Delta R.T. -0.15 min
Lab File: BM008616.D
Acq: 24 Dec 2016 04:37

Tgt Ion:178 Resp: 578
Ion Ratio Lower Upper
178 100
176 233.4 18.4 27.6#
179 65.9 13.6 20.4#





#13

Anthracene

Concen: 4.69 ng/ul

RT: 17.07 min Scan# 1024

Delta R.T. -0.15 min

Lab File: BM008616.D

Acq: 24 Dec 2016 04:37

Instrument :

BNA_M

ClientSampleId :

DA875

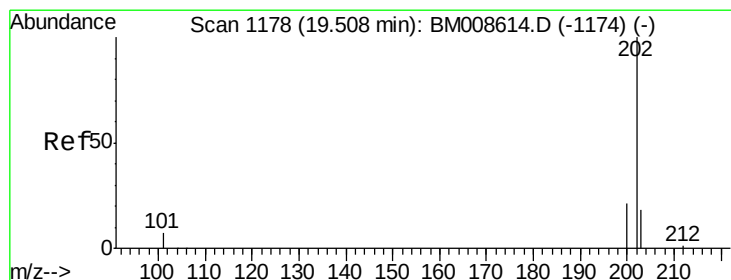
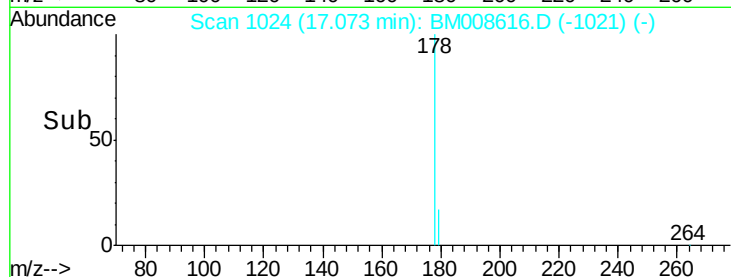
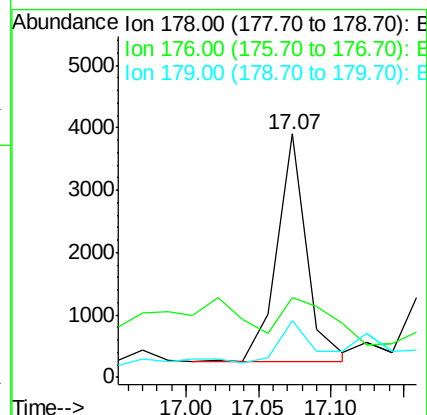
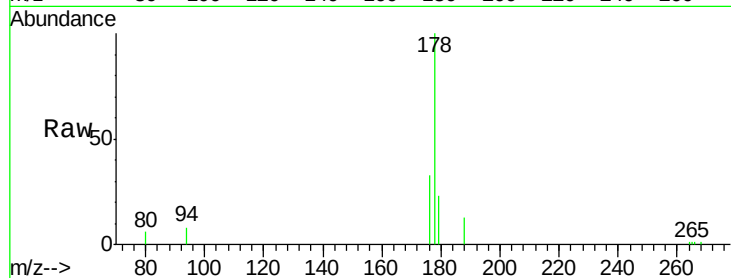
Tgt Ion:178 Resp: 5211

Ion Ratio Lower Upper

178 100

176 32.7 18.1 27.1#

179 23.3 14.7 22.1#



#17

Pyrene

Concen: 0.40 ng/ul

RT: 19.37 min Scan# 1167

Delta R.T. -0.13 min

Lab File: BM008616.D

Acq: 24 Dec 2016 04:37

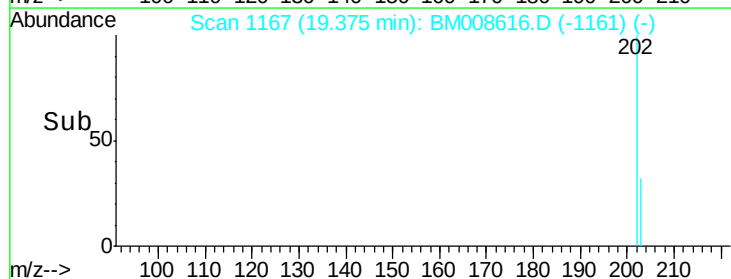
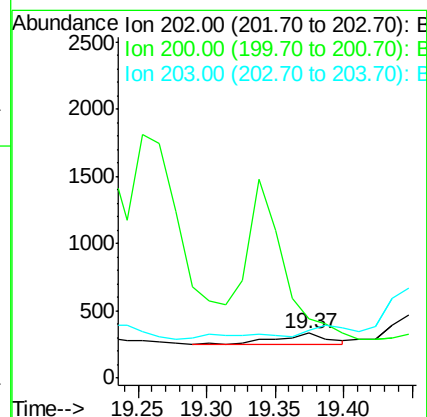
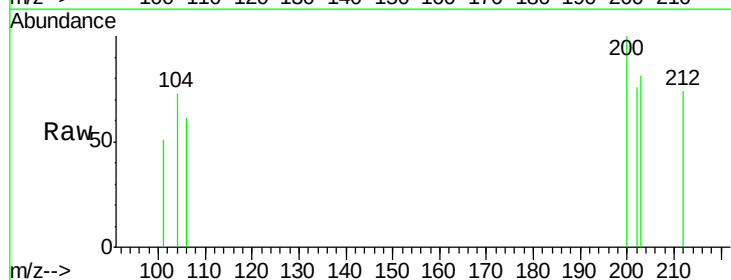
Tgt Ion:202 Resp: 214

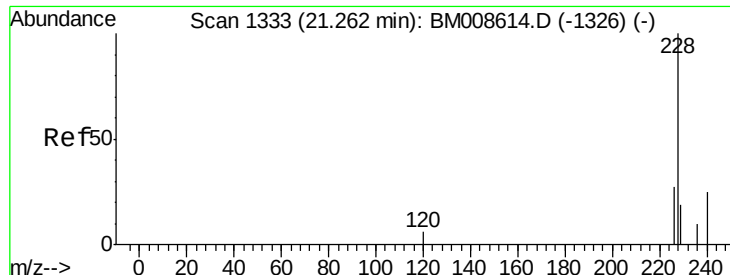
Ion Ratio Lower Upper

202 100

200 131.6 18.2 27.4#

203 106.3 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.08 ng/ul

RT: 21.06 min Scan# 1314

Delta R.T. -0.20 min

Lab File: BM008616.D

Acq: 24 Dec 2016 04:37

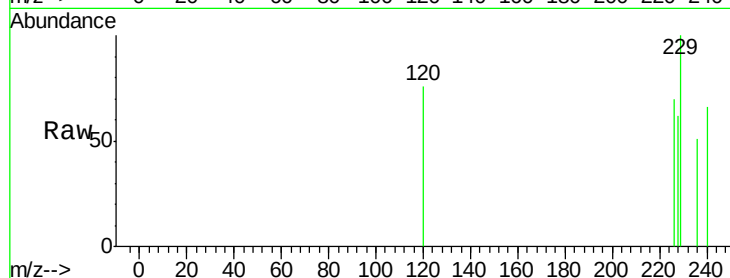
Instrument :

BNA_M

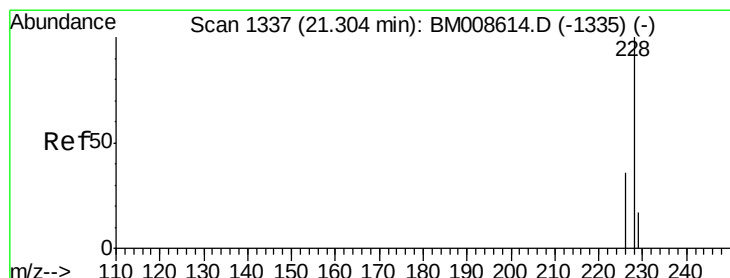
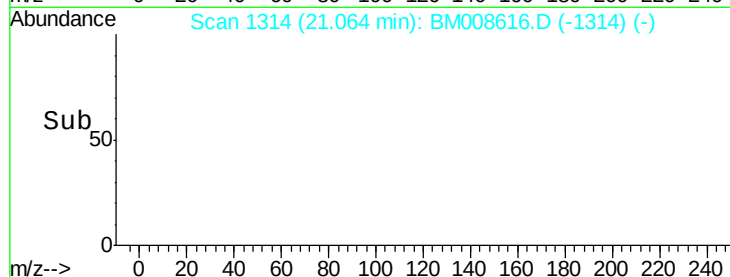
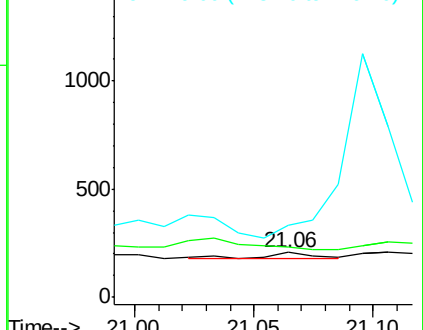
ClientSampleId :

DA875

Tgt Ion:	228	Resp:	37
Ion	Ratio	Lower	Upper
228	100		
226	113.5	22.8	34.2#
229	161.4	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: 0.03 ng/ul

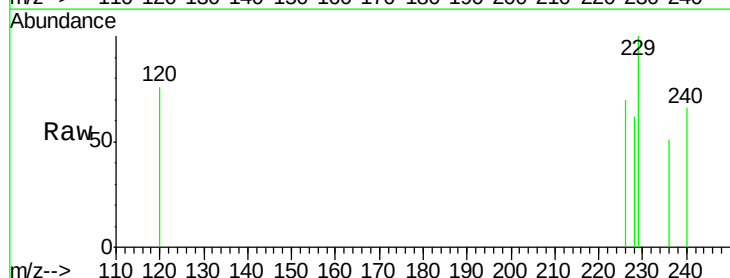
RT: 21.06 min Scan# 1314

Delta R.T. -0.24 min

Lab File: BM008616.D

Acq: 24 Dec 2016 04:37

Tgt Ion:	228	Resp:	16
Ion	Ratio	Lower	Upper
228	100		
226	113.5	23.4	35.0#
229	161.4	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

