

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121916\
 Data File : BM008466.D
 Acq On : 20 Dec 2016 05:59
 Operator : UM/SJ
 Sample : H5938-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA823

Quant Time: Dec 20 07:01:07 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 04:48:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	486	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.43	136	1712	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	1095	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.14	188	99237	0.40	ng/ul	0.05
16) Chrysene-d12	21.25	240	1723	0.40	ng/ul	-0.02
20) Perylene-d12	23.33	264	68105	0.40	ng/ul	-0.18

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.03	152	578	0.22	ng/ul	-0.07
14) Fluoranthene-d10	19.19	212	475	0.00	ng/ul	0.08

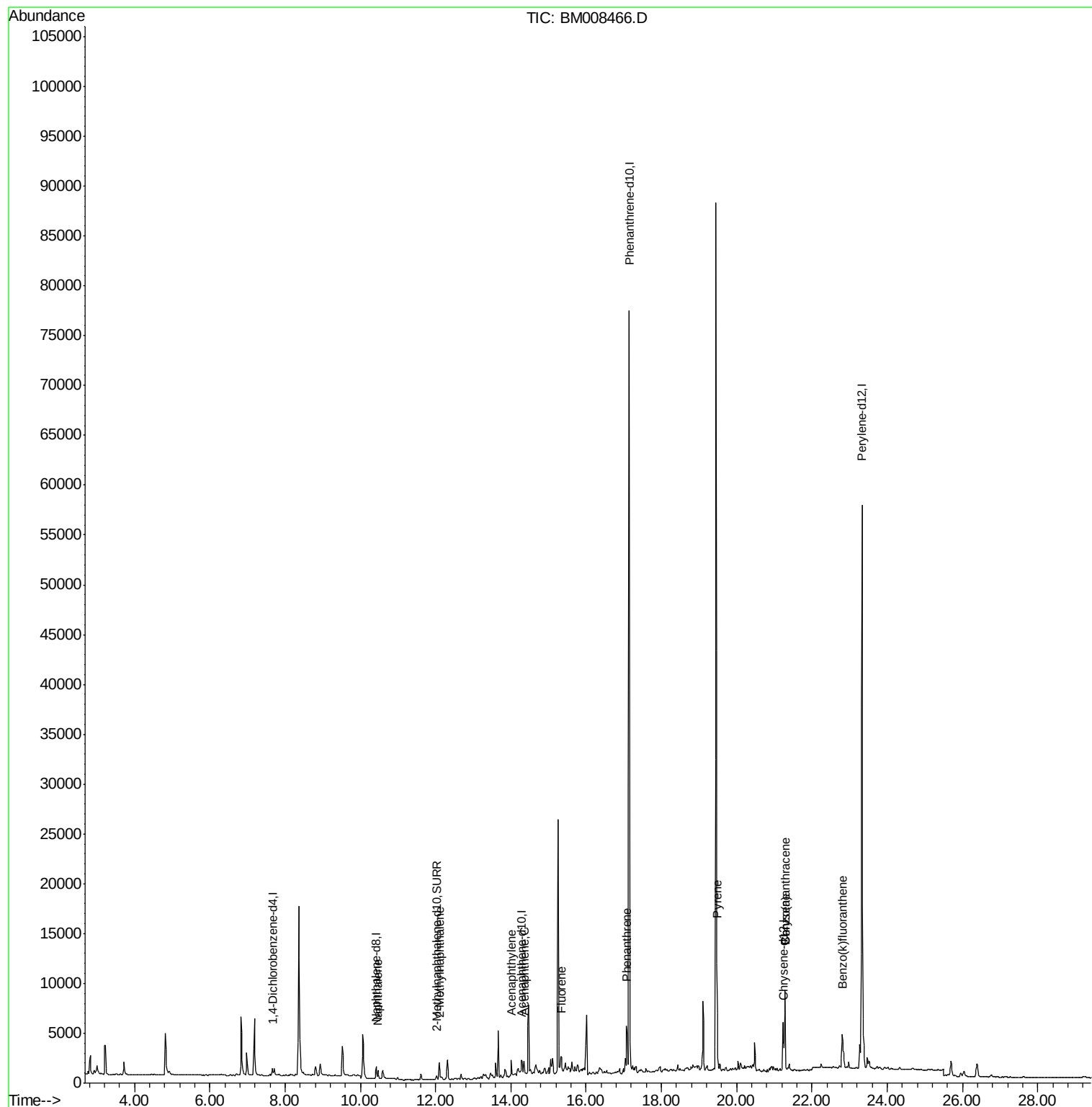
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.48	128	1268	0.26	ng/ul#	92
5) 2-Methylnaphthalene	12.10	142	1488	0.46	ng/ul	95
7) Acenaphthylene	14.01	152	357	0.07	ng/ul#	33
8) Acenaphthene	14.35	153	352	0.09	ng/ul#	90
9) Fluorene	15.34	166	833	0.20	ng/ul#	62
12) Phenanthrene	17.07	178	6907	0.02	ng/ul	96
17) Pyrene	19.47	202	8155	1.22	ng/ul	97
18) Benzo(a)anthracene	21.28	228	7676	1.36	ng/ul	94
19) Chrysene	21.28	228	7690	1.24	ng/ul	95
22) Benzo(k)fluoranthene	22.81	252	7445	0.03	ng/ul	99

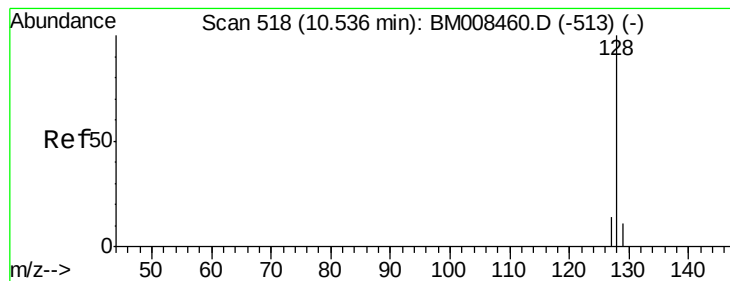
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.26 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.06 min

Lab File: BM008466.D

Acq: 20 Dec 2016 05:59

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ClientSampleId :

DA823

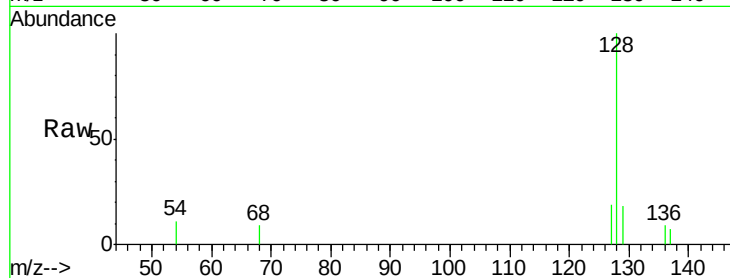
Tgt Ion:128 Resp: 1268

Ion Ratio Lower Upper

128 100

129 17.8 11.3 16.9#

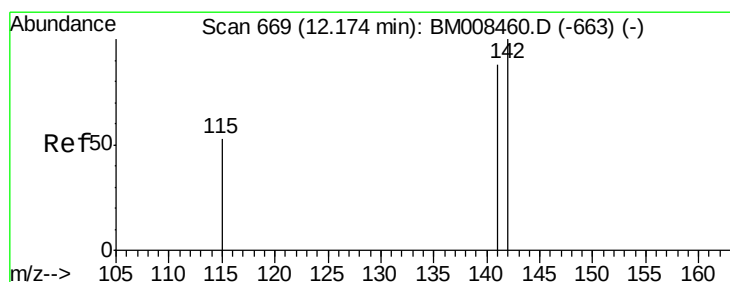
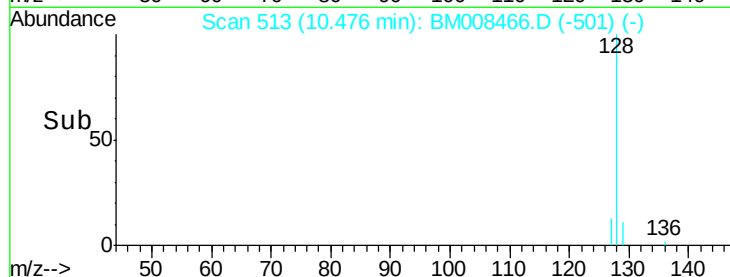
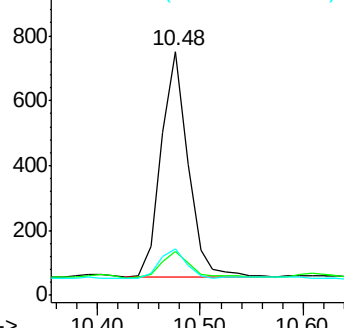
127 18.9 12.8 19.2



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: 0.46 ng/ul

RT: 12.10 min Scan# 662

Delta R.T. -0.07 min

Lab File: BM008466.D

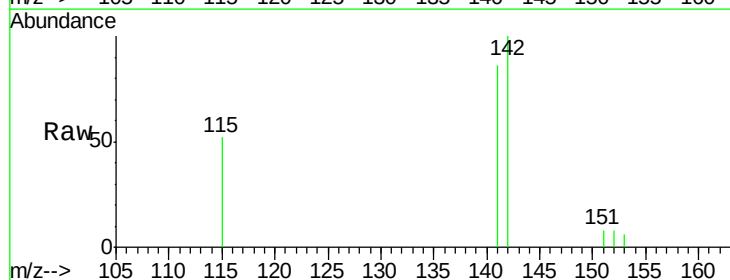
Acq: 20 Dec 2016 05:59

Tgt Ion:142 Resp: 1488

Ion Ratio Lower Upper

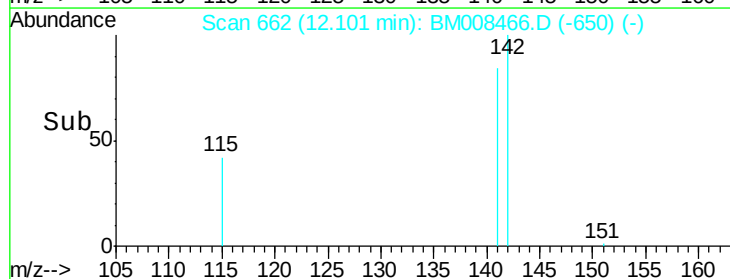
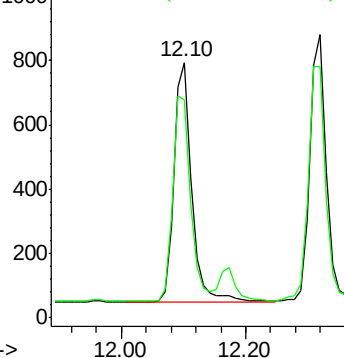
142 100

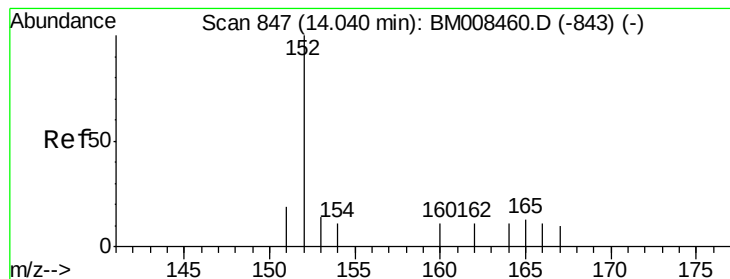
141 86.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.07 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.03 min

Lab File: BM008466.D

Acq: 20 Dec 2016 05:59

Instrument :

BNA_M

ClientSampleId :

DA823

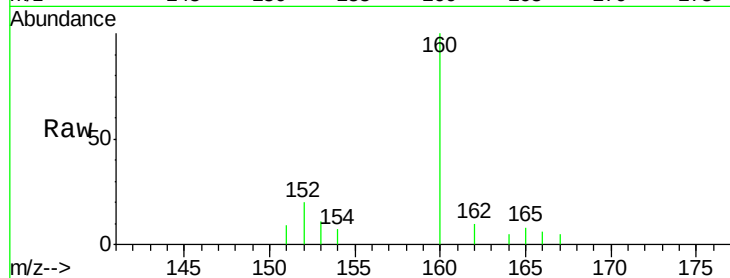
Tgt Ion:152 Resp: 357

Ion Ratio Lower Upper

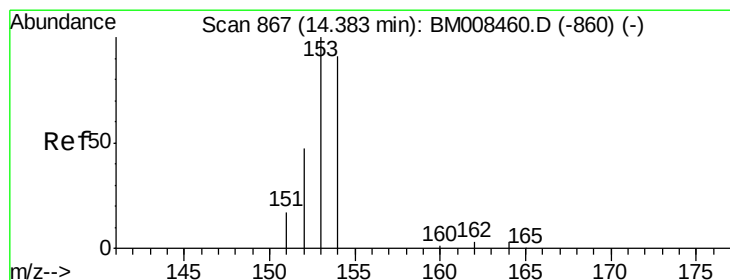
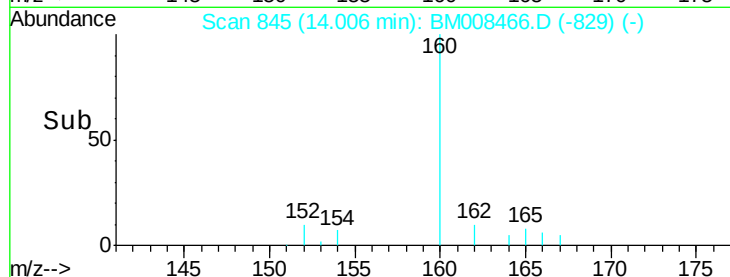
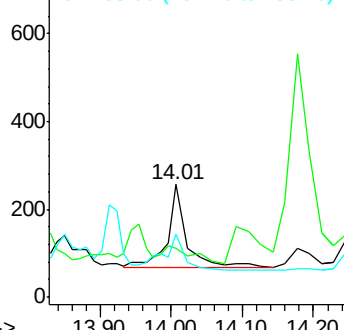
152 100

151 43.6 17.1 25.7#

153 55.6 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: 0.09 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.03 min

Lab File: BM008466.D

Acq: 20 Dec 2016 05:59

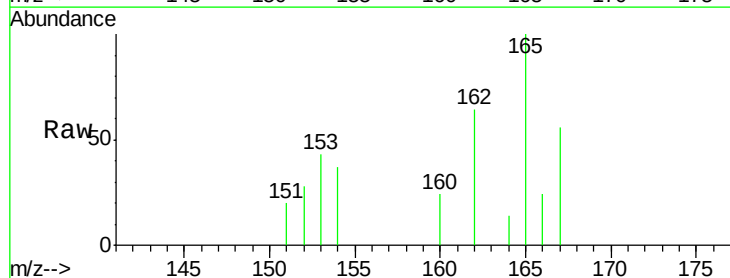
Tgt Ion:153 Resp: 352

Ion Ratio Lower Upper

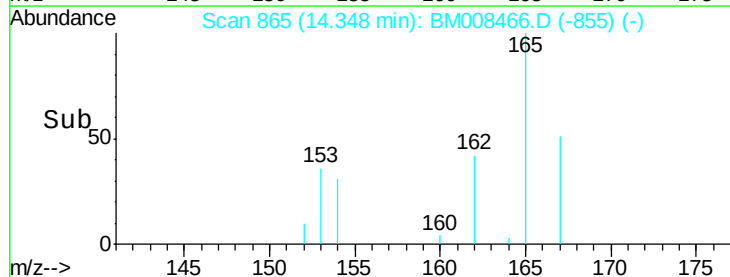
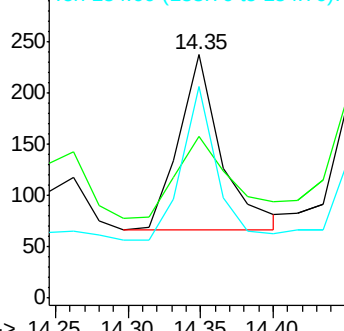
153 100

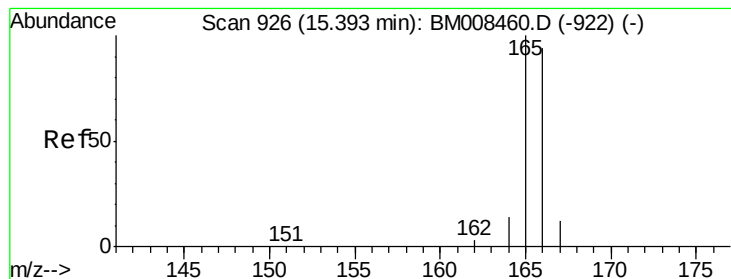
152 66.2 40.3 60.5#

154 86.9 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





#9

Fluorene

Concen: 0.20 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. -0.05 min

Lab File: BM008466.D

Acq: 20 Dec 2016 05:59

Instrument :

BNA_M

ClientSampleId :

DA823

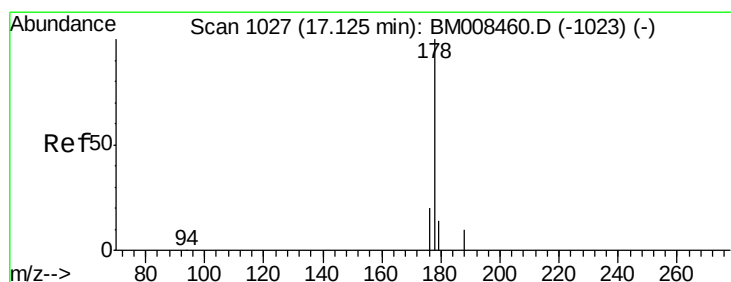
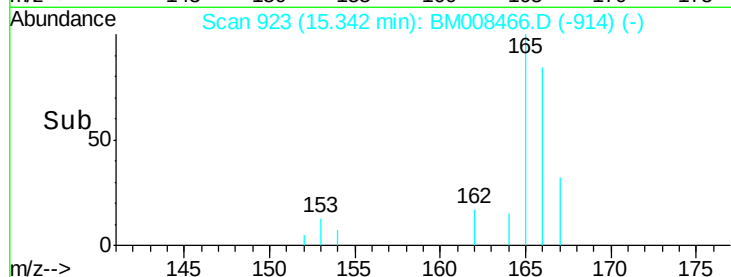
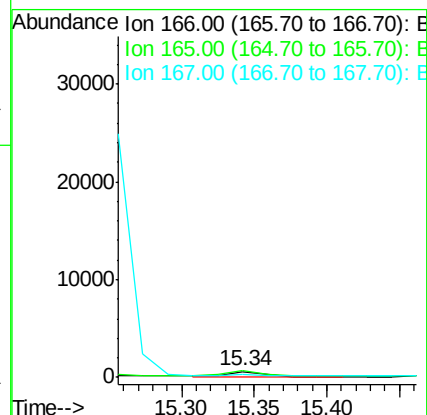
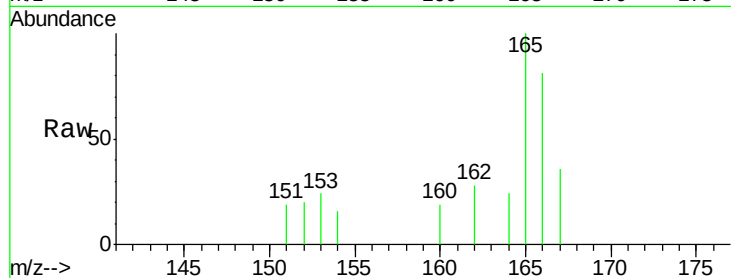
Tgt Ion:166 Resp: 833

Ion Ratio Lower Upper

166 100

165 124.1 73.4 110.2#

167 45.2 14.6 22.0#



#12

Phenanthrene

Concen: 0.02 ng/ul

RT: 17.07 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BM008466.D

Acq: 20 Dec 2016 05:59

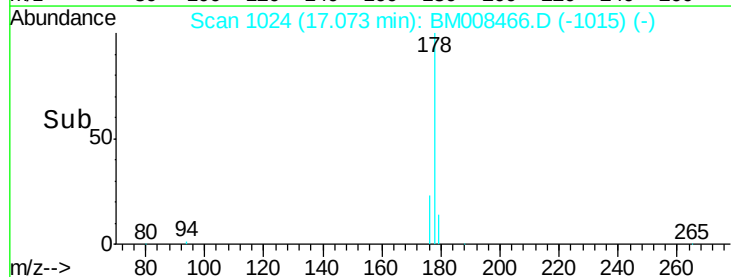
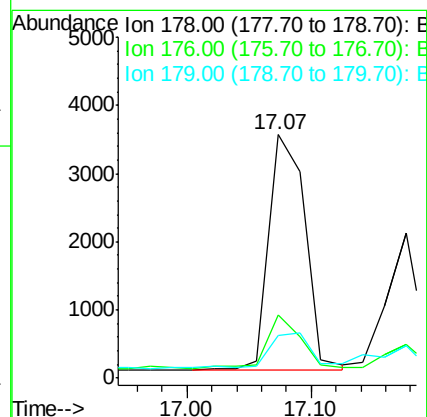
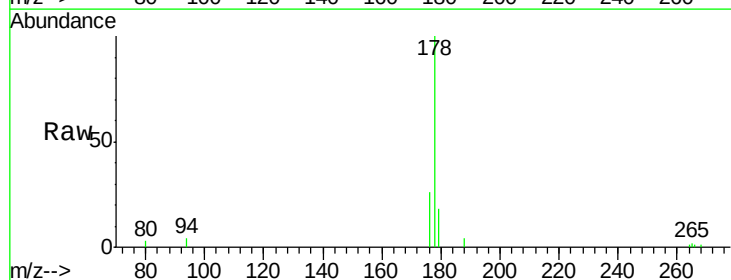
Tgt Ion:178 Resp: 6907

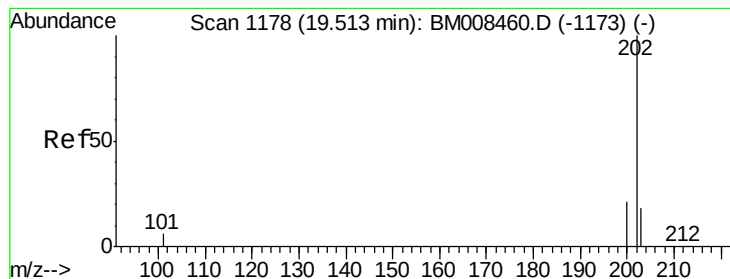
Ion Ratio Lower Upper

178 100

176 25.9 18.4 27.6

179 17.7 13.6 20.4





#17

Pyrene

Concen: 1.22 ng/ul

RT: 19.47 min Scan# 1175

Delta R.T. -0.04 min

Lab File: BM008466.D

Acq: 20 Dec 2016 05:59

Instrument :

BNA_M

ClientSampleId :

DA823

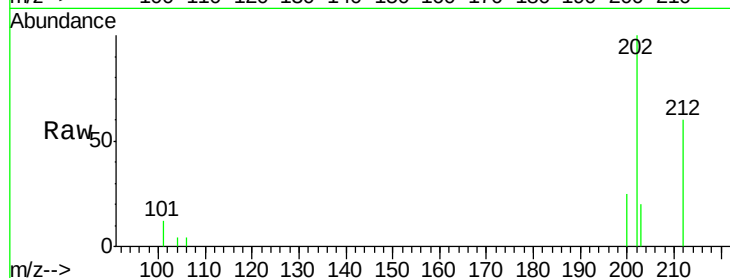
Tgt Ion:202 Resp: 8155

Ion Ratio Lower Upper

202 100

200 24.7 18.2 27.4

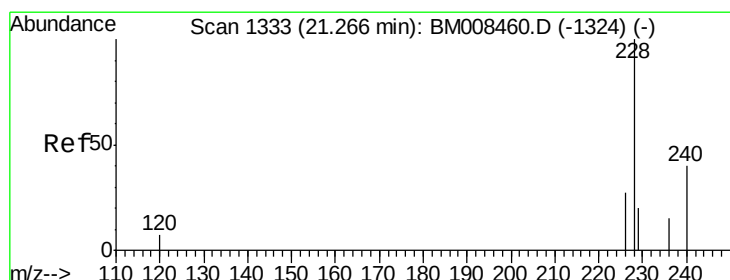
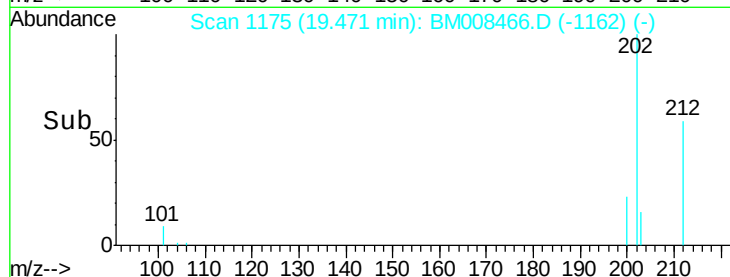
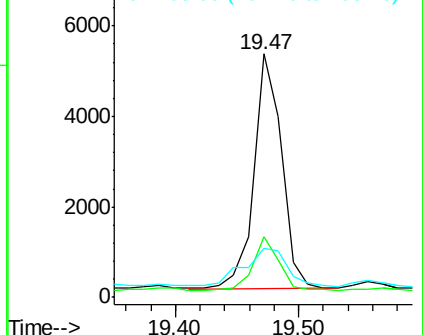
203 20.1 15.6 23.4



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: 1.36 ng/ul

RT: 21.28 min Scan# 1335

Delta R.T. 0.02 min

Lab File: BM008466.D

Acq: 20 Dec 2016 05:59

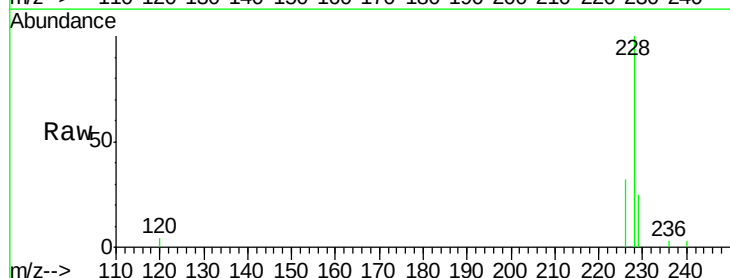
Tgt Ion:228 Resp: 7676

Ion Ratio Lower Upper

228 100

226 31.6 22.8 34.2

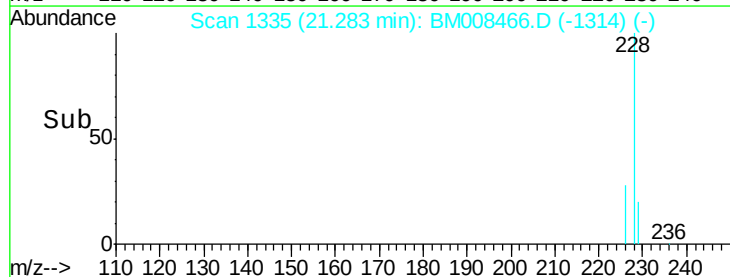
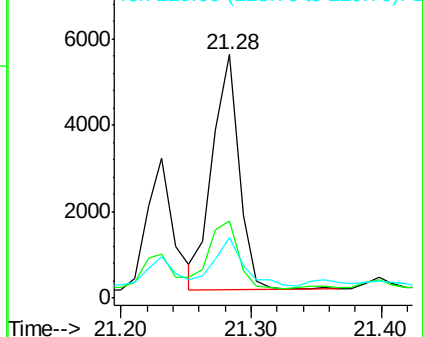
229 24.6 17.0 25.6

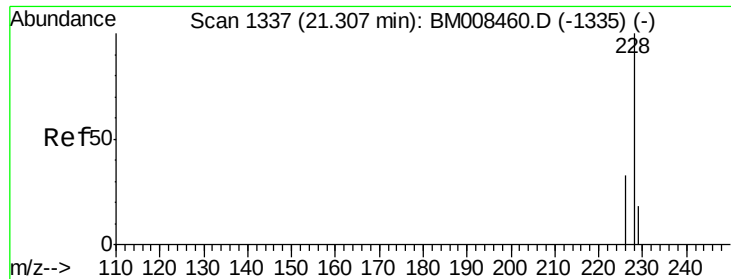


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 1.24 ng/ul

RT: 21.28 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BM008466.D

Acq: 20 Dec 2016 05:59

Instrument :

BNA_M

ClientSampleId :

DA823

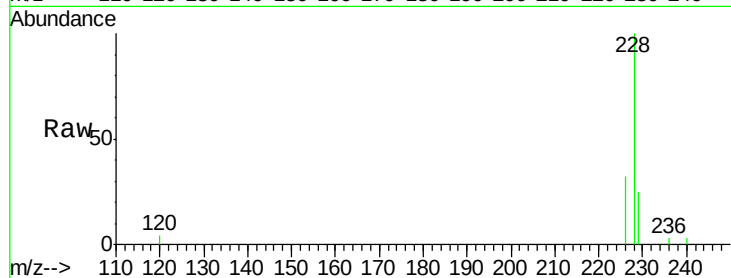
Tgt Ion:228 Resp: 7690

Ion Ratio Lower Upper

228 100

226 31.6 23.4 35.0

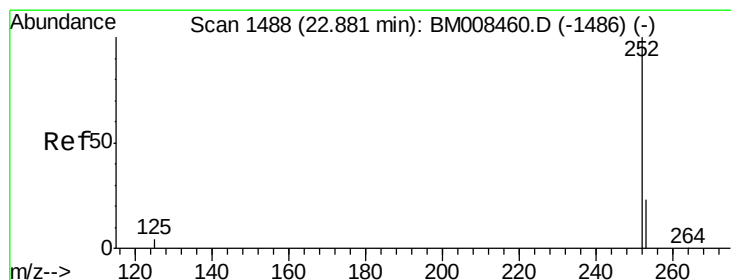
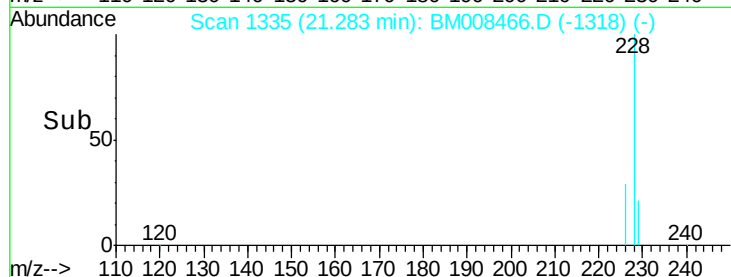
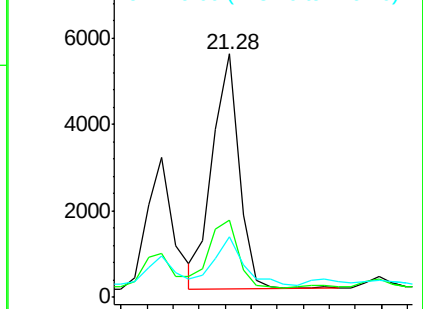
229 24.6 17.7 26.5



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: 22.81 min Scan# 1481

Delta R.T. -0.08 min

Lab File: BM008466.D

Acq: 20 Dec 2016 05:59

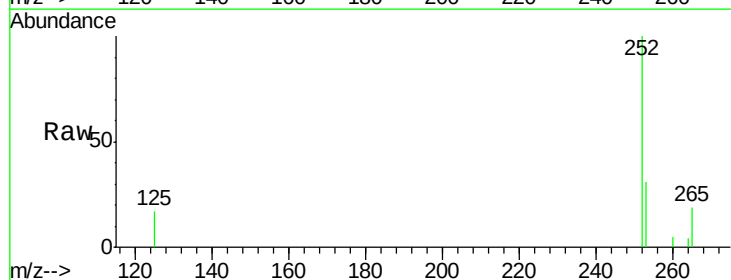
Tgt Ion:252 Resp: 7445

Ion Ratio Lower Upper

252 100

253 31.1 24.5 36.7

125 16.8 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

