

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122016\  
 Data File : BM008486.D  
 Acq On : 20 Dec 2016 19:18  
 Operator : UM/SJ  
 Sample : H6039-07  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA8S3

Quant Time: Dec 21 10:24:45 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 02:43:00 2016  
 Response via : Initial Calibration

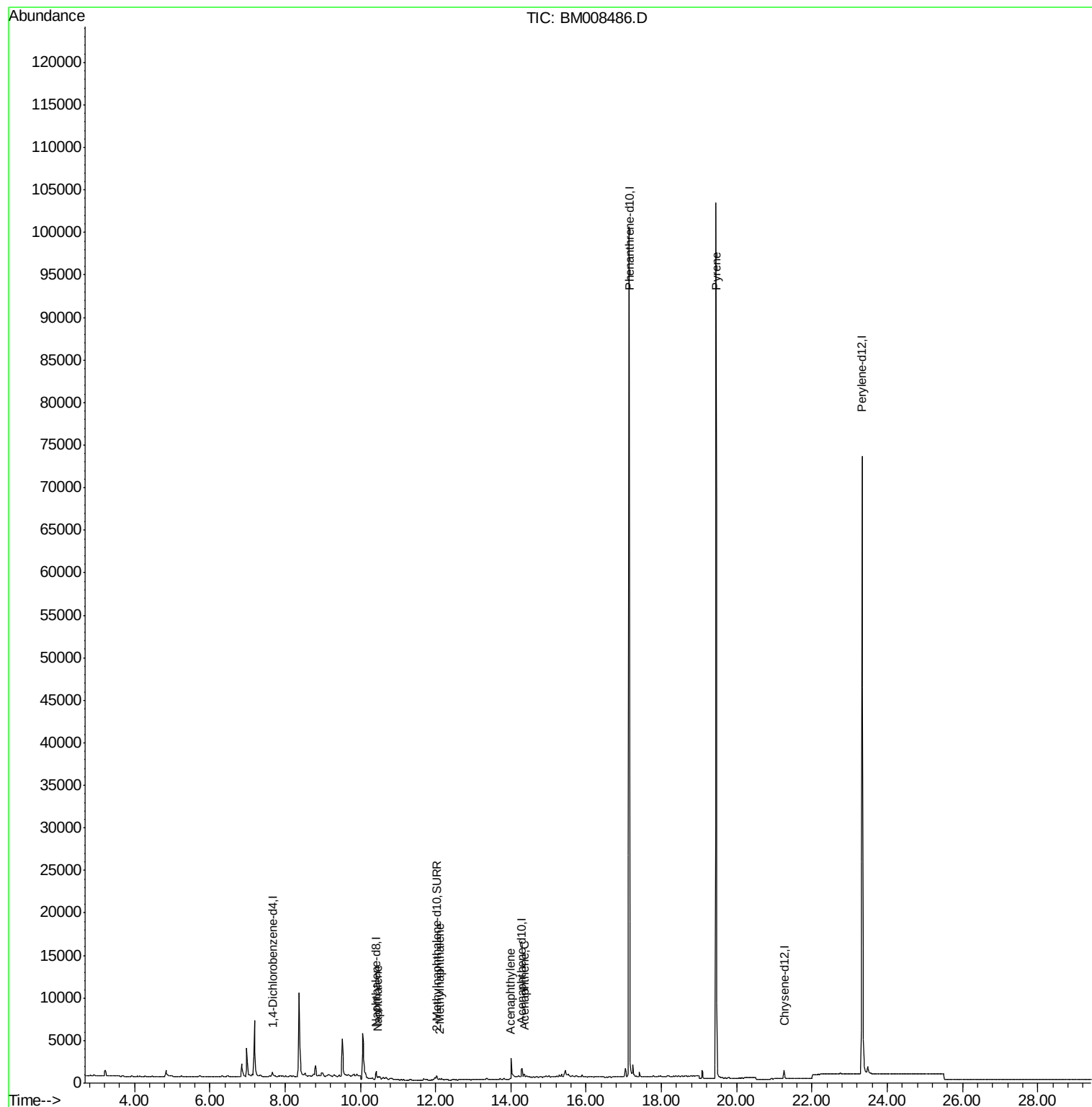
| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.67  | 152  | 404      | 0.40 | ng/ul  | -0.03    |
| 2) Naphthalene-d8           | 10.43 | 136  | 1357     | 0.40 | ng/ul  | -0.05    |
| 6) Acenaphthene-d10         | 14.30 | 164  | 811      | 0.40 | ng/ul  | -0.02    |
| 10) Phenanthrene-d10        | 17.14 | 188  | 127253   | 0.40 | ng/ul  | 0.07     |
| 16) Chrysene-d12            | 21.26 | 240  | 1283     | 0.40 | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.34 | 264  | 86532    | 0.40 | ng/ul  | -0.16    |
| System Monitoring Compounds |       |      |          |      |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.03 | 152  | 753      | 0.36 | ng/ul  | -0.05    |
| 14) Fluoranthene-d10        | 19.08 | 212  | 1344     | 0.00 | ng/ul  | -0.02    |
| Target Compounds            |       |      |          |      |        |          |
| 3) Naphthalene              | 10.48 | 128  | 457      | 0.12 | ng/ul# | 60       |
| 5) 2-Methylnaphthalene      | 12.10 | 142  | 62       | 0.02 | ng/ul# | 49       |
| 7) Acenaphthylene           | 14.00 | 152  | 112      | 0.03 | ng/ul# | 1        |
| 8) Acenaphthene             | 14.35 | 153  | 62       | 0.02 | ng/ul# | 75       |
| 17) Pyrene                  | 19.45 | 202  | 271      | 0.05 | ng/ul# | 1        |

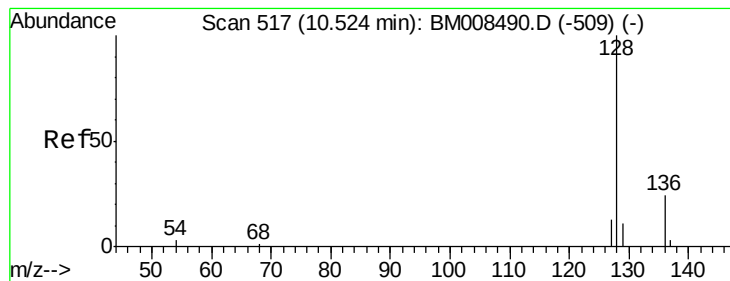
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.12 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.05 min

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Acq: 20 Dec 2016 19:18

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BNA\_M

ClientSampleId :

DA8S3

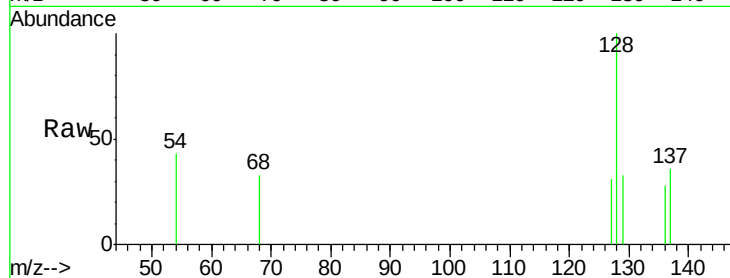
Tgt Ion:128 Resp: 457

Ion Ratio Lower Upper

128 100

129 33.0 11.3 16.9#

127 30.7 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

10.48

300

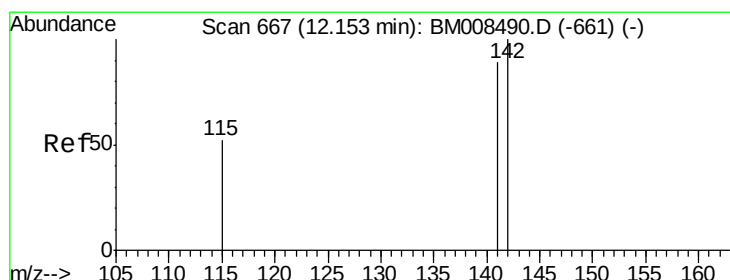
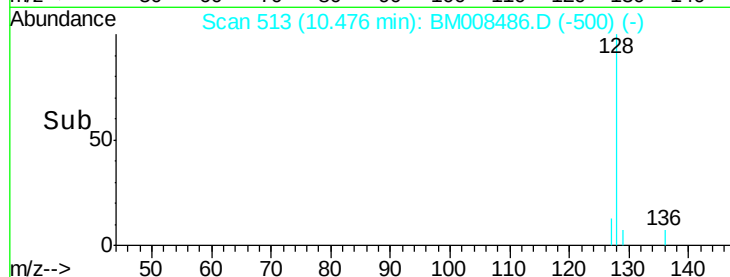
200

100

0

Time-->

10.40 10.50 10.60



#5

2-Methylnaphthalene

Concen: 0.02 ng/ul

RT: 12.10 min Scan# 662

Delta R.T. -0.05 min

Lab File: BM008486.D

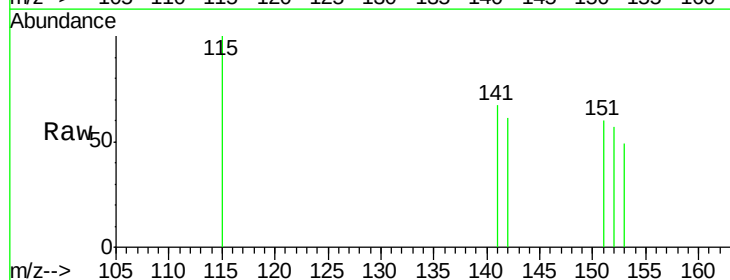
Acq: 20 Dec 2016 19:18

Tgt Ion:142 Resp: 62

Ion Ratio Lower Upper

142 100

141 138.7 72.6 108.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

100

80

60

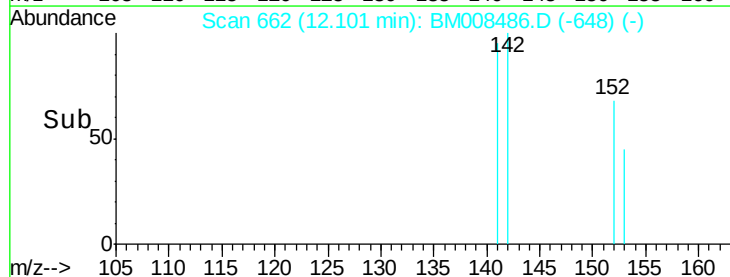
40

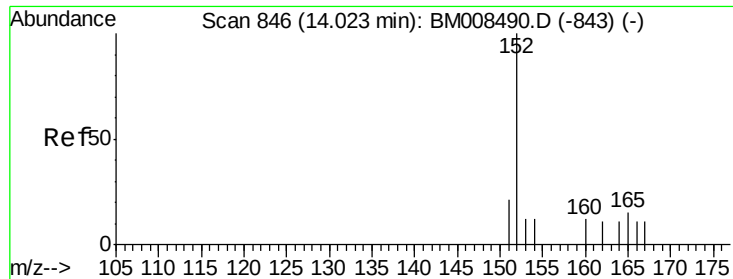
20

0

Time-->

12.05 12.10 12.15





#7

Acenaphthylene

Concen: 0.03 ng/ul

RT: 14.00 min Scan# 844

Delta R.T. -0.03 min

Lab File: BM008486.D

Acq: 20 Dec 2016 19:18

Instrument :

BNA\_M

ClientSampleId :

DA8S3

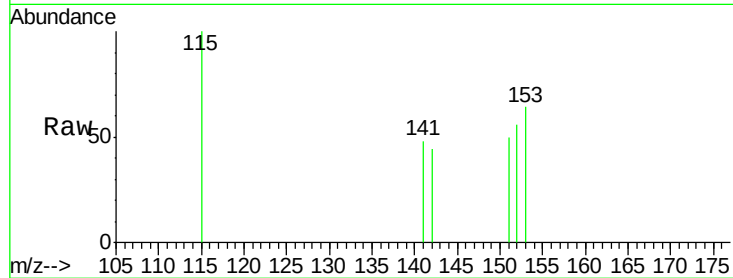
Tgt Ion:152 Resp: 112

Ion Ratio Lower Upper

152 100

151 89.4 17.1 25.7#

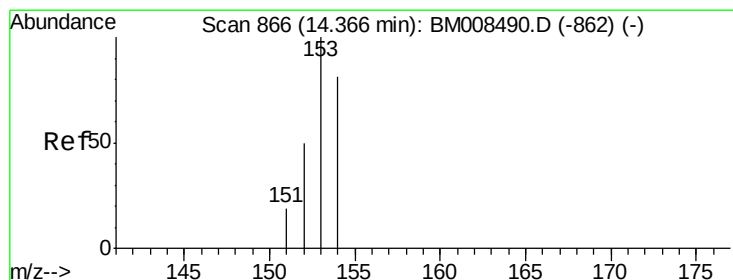
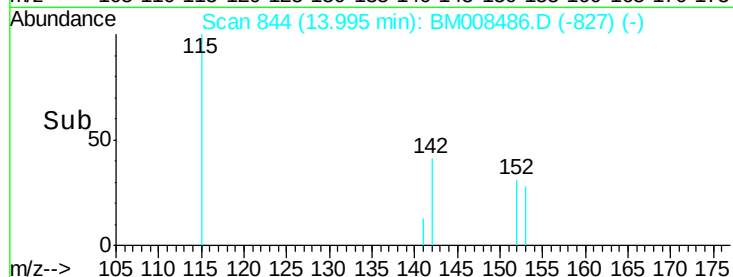
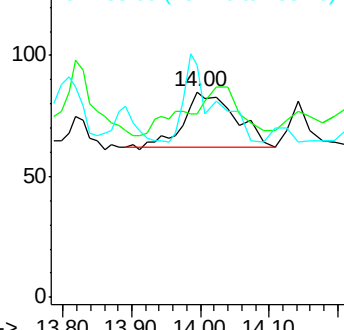
153 112.9 12.8 19.2#



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: 0.02 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.02 min

Lab File: BM008486.D

Acq: 20 Dec 2016 19:18

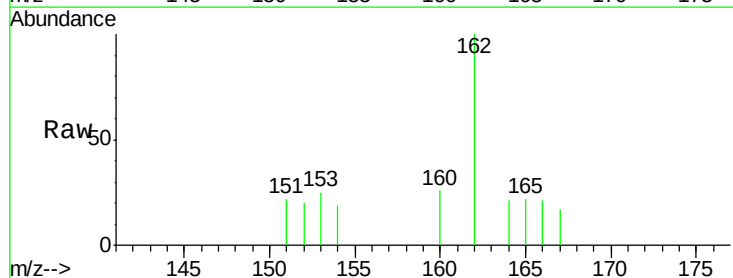
Tgt Ion:153 Resp: 62

Ion Ratio Lower Upper

153 100

152 80.7 40.3 60.5#

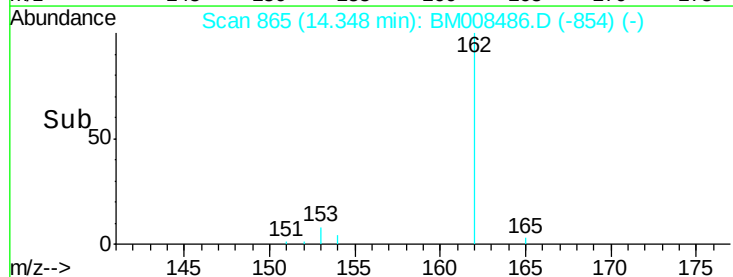
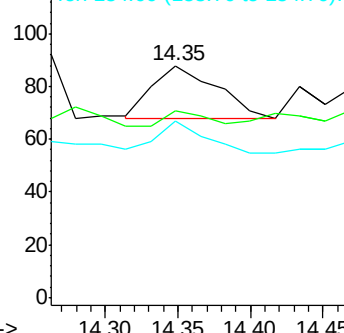
154 76.1 71.4 107.2

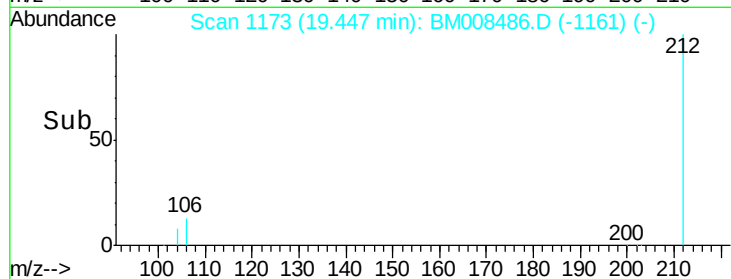
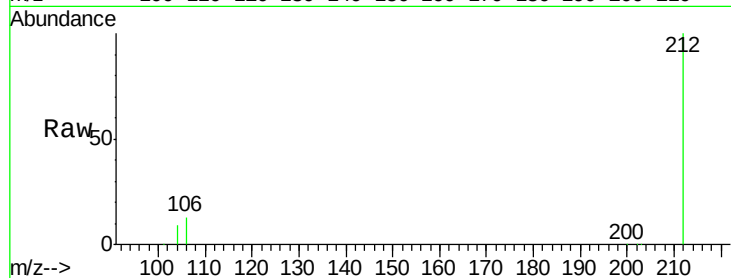
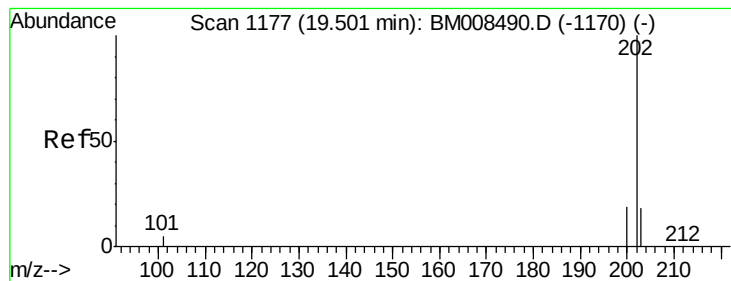


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#17

Pyrene

Concen: 0.05 ng/ul

RT: 19.45 min Scan# 1173

Delta R.T. -0.05 min

Lab File: BM008486.D

Acq: 20 Dec 2016 19:18

Instrument :

BNA\_M

ClientSampleId :

DA8S3

Tgt Ion: 202 Resp: 271

Ion Ratio Lower Upper

202 100

200 31.6 18.2 27.4#

203 147.4 15.6 23.4#

