

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122016\  
 Data File : BM008478.D  
 Acq On : 20 Dec 2016 14:27  
 Operator : UM/SJ  
 Sample : H6039-02  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA8R8

Quant Time: Dec 21 01:27:41 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 01:24:53 2016  
 Response via : Initial Calibration

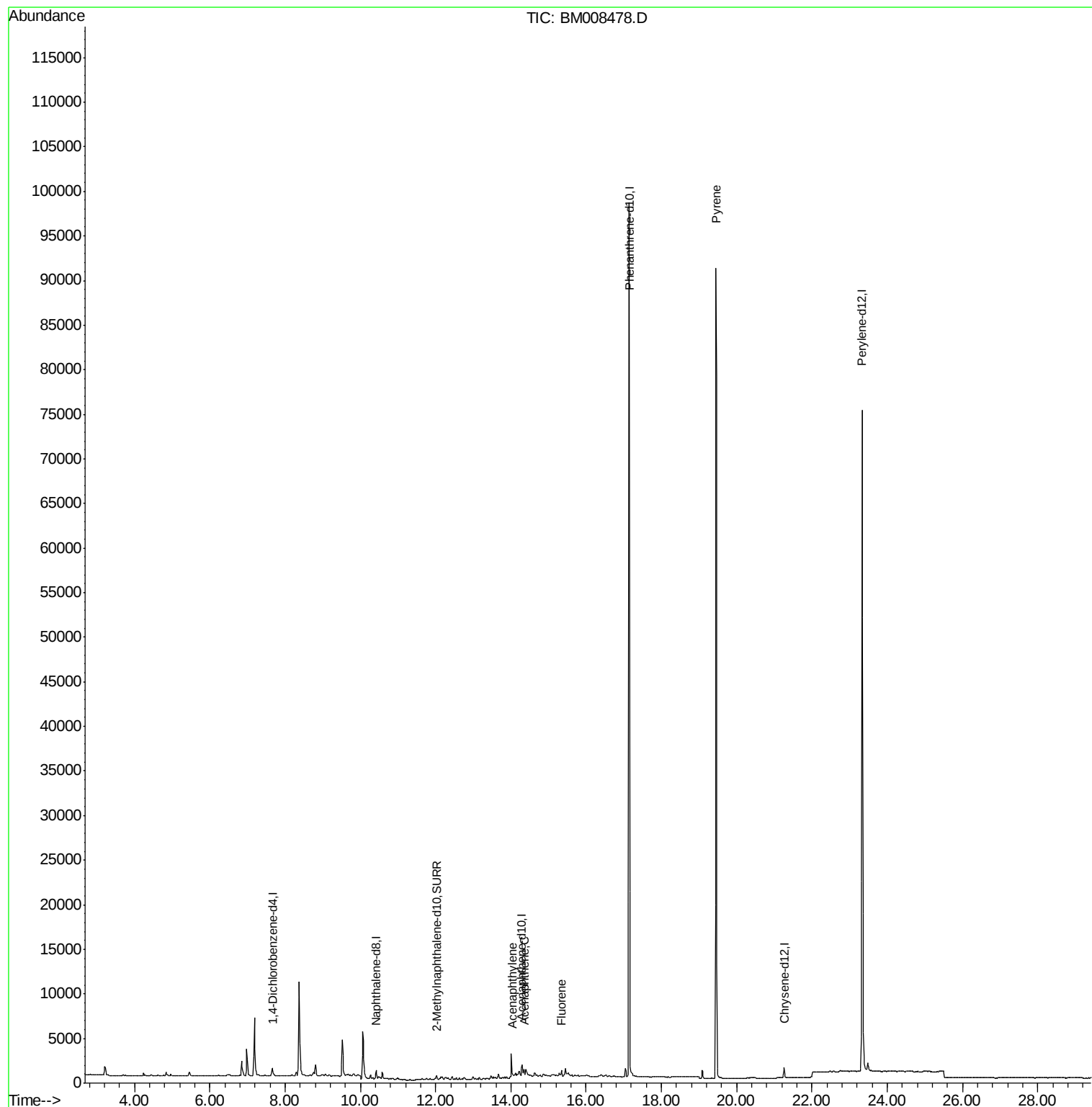
| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.67  | 152  | 404      | 0.40 | ng/ul  | -0.02    |
| 2) Naphthalene-d8           | 10.43 | 136  | 1327     | 0.40 | ng/ul  | -0.04    |
| 6) Acenaphthene-d10         | 14.30 | 164  | 816      | 0.40 | ng/ul  | -0.02    |
| 10) Phenanthrene-d10        | 17.14 | 188  | 120891   | 0.40 | ng/ul  | 0.07     |
| 16) Chrysene-d12            | 21.26 | 240  | 1261     | 0.40 | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.34 | 264  | 89709    | 0.40 | ng/ul  | -0.16    |
| System Monitoring Compounds |       |      |          |      |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.03 | 152  | 697      | 0.34 | ng/ul  | -0.03    |
| 14) Fluoranthene-d10        | 19.08 | 212  | 1319     | 0.00 | ng/ul  | -0.01    |
| Target Compounds            |       |      |          |      |        |          |
| 7) Acenaphthylene           | 14.04 | 152  | 139      | 0.04 | ng/ul# | 1        |
| 8) Acenaphthene             | 14.35 | 153  | 75       | 0.03 | ng/ul# | 79       |
| 9) Fluorene                 | 15.34 | 166  | 395      | 0.12 | ng/ul# | 73       |
| 17) Pyrene                  | 19.45 | 202  | 314      | 0.06 | ng/ul# | 1        |

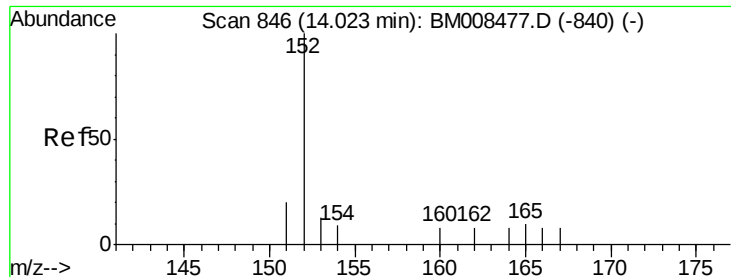
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.04 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. 0.02 min

Lab File: BM008478.D

Acq: 20 Dec 2016 14:27

Instrument :

BNA\_M

ClientSampleId :

DA8R8

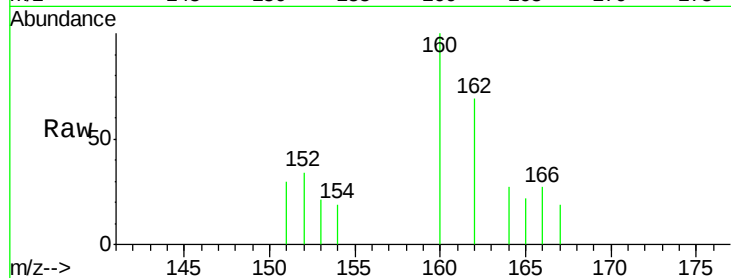
Tgt Ion:152 Resp: 139

Ion Ratio Lower Upper

152 100

151 88.3 17.1 25.7#

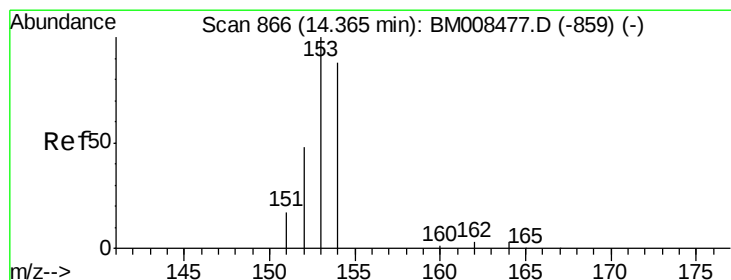
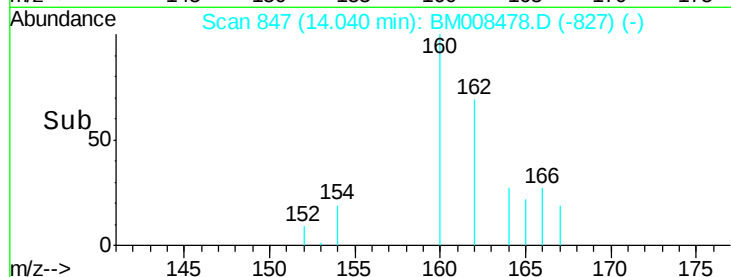
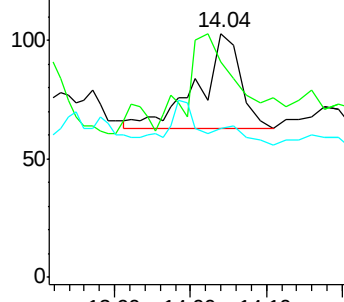
153 61.2 12.8 19.2#



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: 0.03 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.02 min

Lab File: BM008478.D

Acq: 20 Dec 2016 14:27

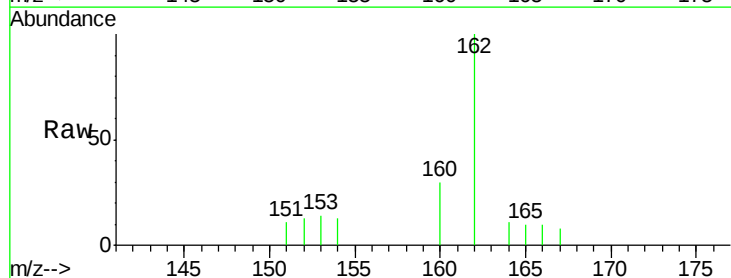
Tgt Ion:153 Resp: 75

Ion Ratio Lower Upper

153 100

152 88.9 40.3 60.5#

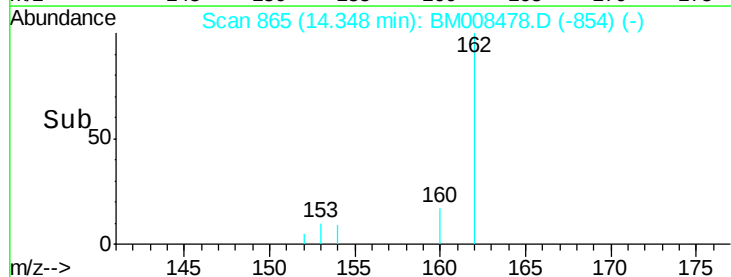
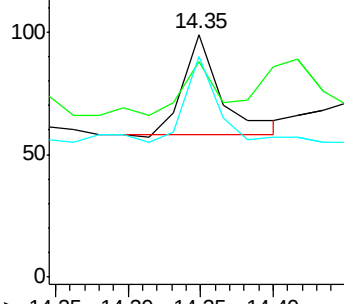
154 90.9 71.4 107.2

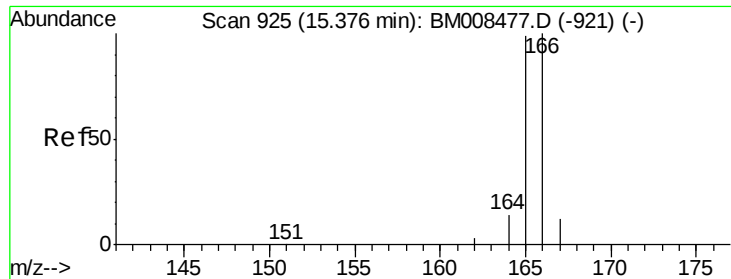


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.12 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. -0.03 min

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Acq: 20 Dec 2016 14:27

Instrument :

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ClientSampleId :

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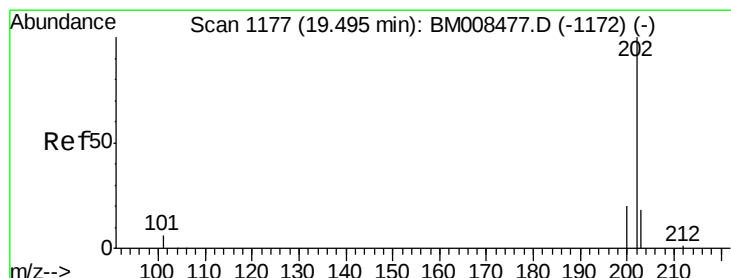
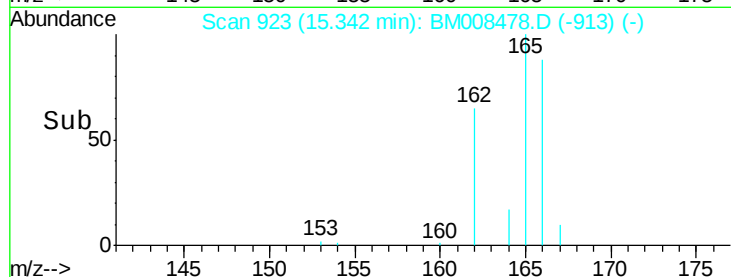
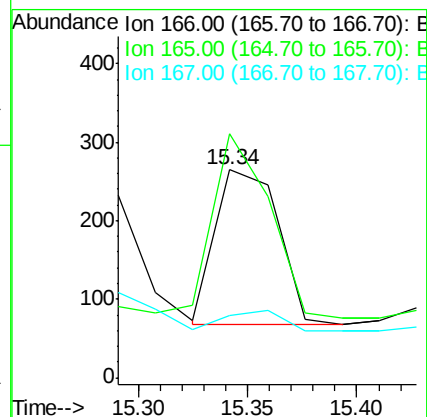
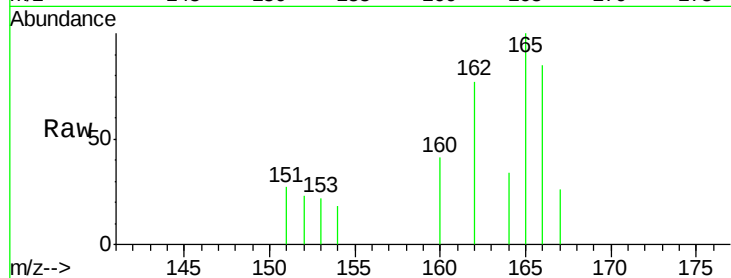
Tgt Ion:166 Resp: 395

Ion Ratio Lower Upper

166 100

165 117.4 73.4 110.2#

167 30.2 14.6 22.0#



#17

Pyrene

Concen: 0.06 ng/ul

RT: 19.45 min Scan# 1173

Delta R.T. -0.05 min

Lab File: BM008478.D

Acq: 20 Dec 2016 14:27

Tgt Ion:202 Resp: 314

Ion Ratio Lower Upper

202 100

200 34.5 18.2 27.4#

203 129.6 15.6 23.4#

