

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM092216\  
 Data File : BM007512.D  
 Acq On : 22 Sep 2016 15:40  
 Operator : UM/SJ  
 Sample : H4830-04MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4VH2MSD

Quant Time: Sep 22 17:11:02 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM092116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 22 01:26:49 2016  
 Response via : Initial Calibration

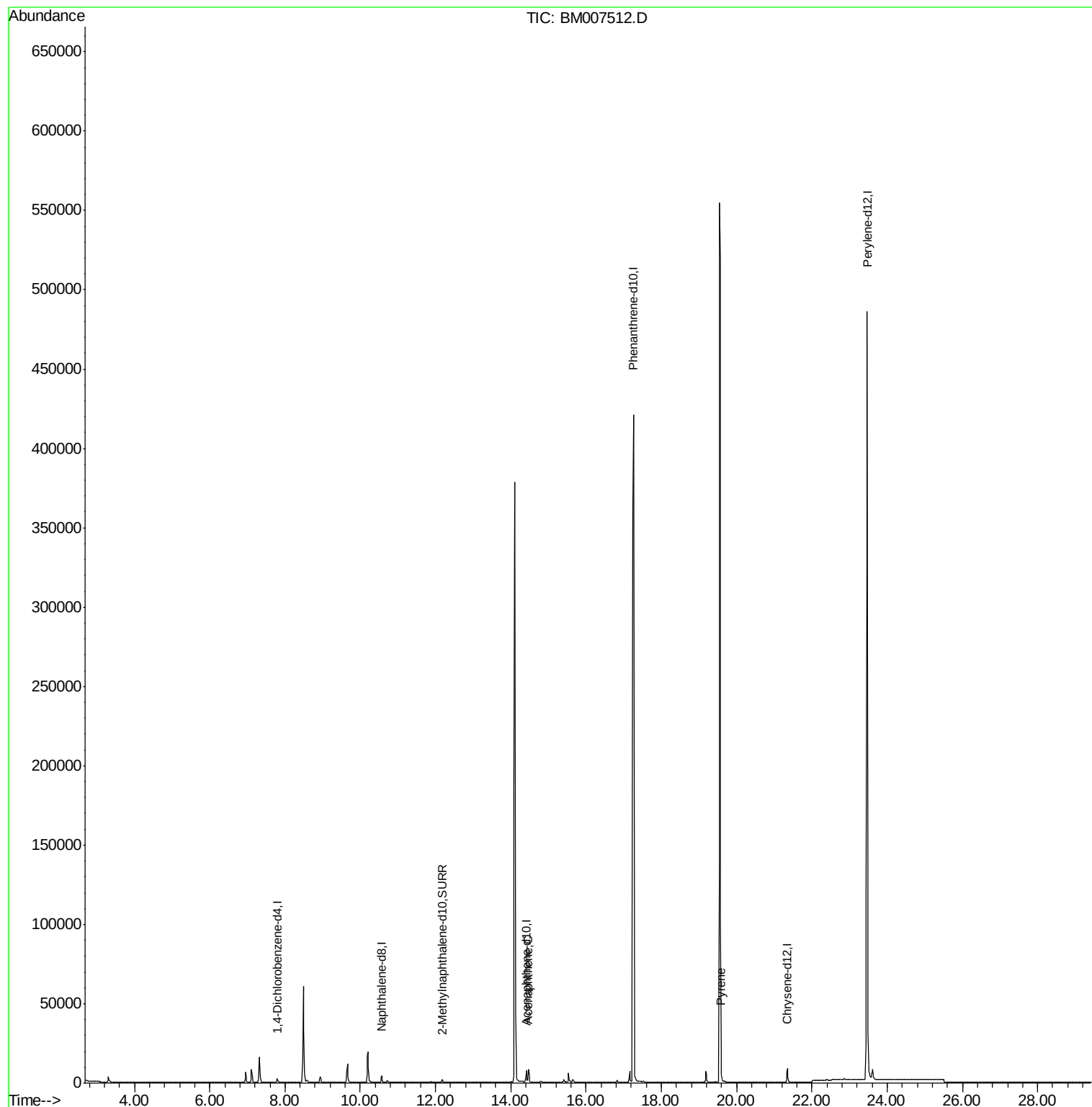
| Internal Standards          | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.79  | 152  | 1431     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8           | 10.57 | 136  | 5793     | 0.40 | ng/ul | -0.01    |
| 6) Acenaphthene-d10         | 14.42 | 164  | 4159     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10        | 17.26 | 188  | 680108   | 0.40 | ng/ul | 0.10     |
| 16) Chrysene-d12            | 21.35 | 240  | 9149     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12            | 23.47 | 264  | 594710   | 0.40 | ng/ul | -0.15    |
| System Monitoring Compounds |       |      |          |      |       |          |
| 4) 2-Methylnaphthalene-d10  | 12.17 | 152  | 3071     | 0.45 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.19 | 212  | 9045     | 0.01 | ng/ul | 0.00     |
| Target Compounds            |       |      |          |      |       |          |
| 8) Acenaphthene             | 14.47 | 153  | 5353     | 0.39 | ng/ul | 88       |
| 17) Pyrene                  | 19.59 | 202  | 15156    | 0.50 | ng/ul | 98       |

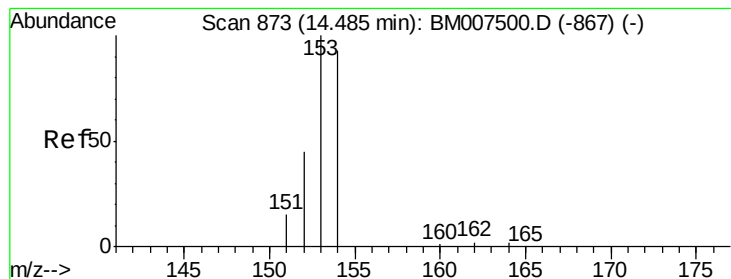
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthene

Concen: 0.39 ng/ul

RT: 14.47 min Scan# 872

Delta R.T. -0.02 min

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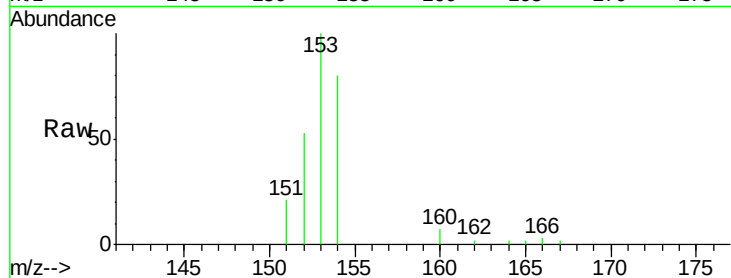
Tgt Ion:153 Resp: 5353

Ion Ratio Lower Upper

153 100

152 52.9 37.6 56.4

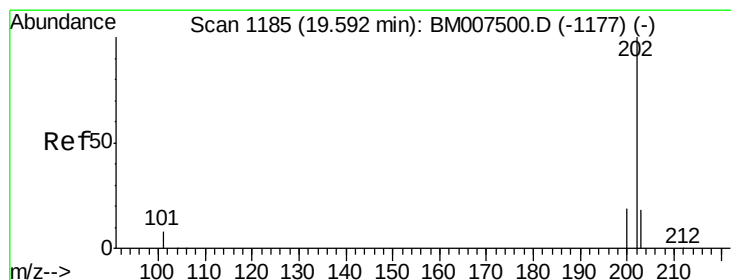
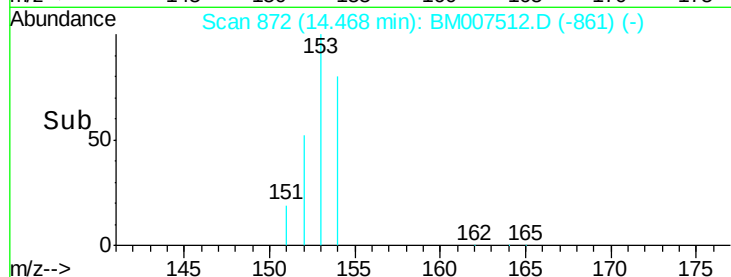
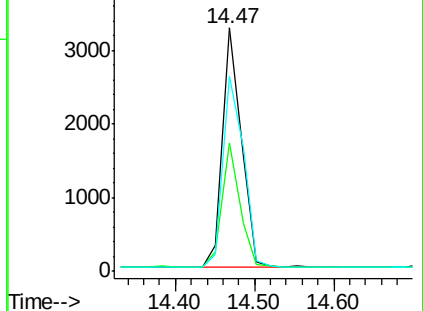
154 80.1 74.6 112.0



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: 0.50 ng/ul

RT: 19.59 min Scan# 1184

Delta R.T. -0.01 min

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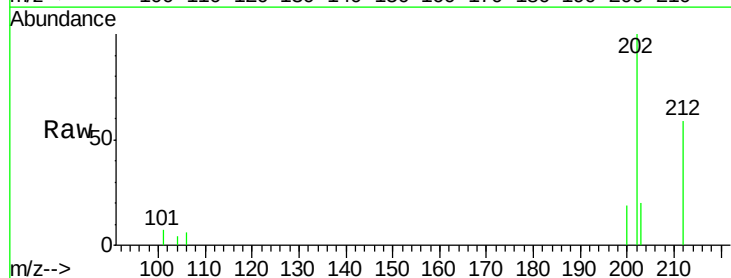
Tgt Ion:202 Resp: 15156

Ion Ratio Lower Upper

202 100

200 18.9 15.9 23.9

203 19.7 15.0 22.4



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

