

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM092916\  
 Data File : BM007639.D  
 Acq On : 29 Sep 2016 22:22  
 Operator : UM/SJ  
 Sample : H4955-14MSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4VM1MSD

Manual Integrations  
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Quant Time: Sep 30 11:39:31 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM092116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 30 01:33:49 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.77  | 152  | 1293     | 0.40 | ng/ul  | -0.02    |
| 2) Naphthalene-d8           | 10.56 | 136  | 5361     | 0.40 | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.40 | 164  | 3958     | 0.40 | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.14 | 188  | 8304m    | 0.40 | ng/ul  | -0.02    |
| 16) Chrysene-d12            | 21.35 | 240  | 8122     | 0.40 | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.59 | 264  | 7151m    | 0.40 | ng/ul  | -0.01    |
| System Monitoring Compounds |       |      |          |      |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.16 | 152  | 2945     | 0.47 | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.18 | 212  | 9095     | 0.47 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |      |        |          |
| 8) Acenaphthene             | 14.45 | 153  | 4489     | 0.34 | ng/ul# | 83       |
| 11) Pentachlorophenol       | 16.82 | 266  | 905      | 0.40 | ng/ul  | 98       |
| 17) Pyrene                  | 19.57 | 202  | 14356    | 0.53 | ng/ul  | 99       |

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

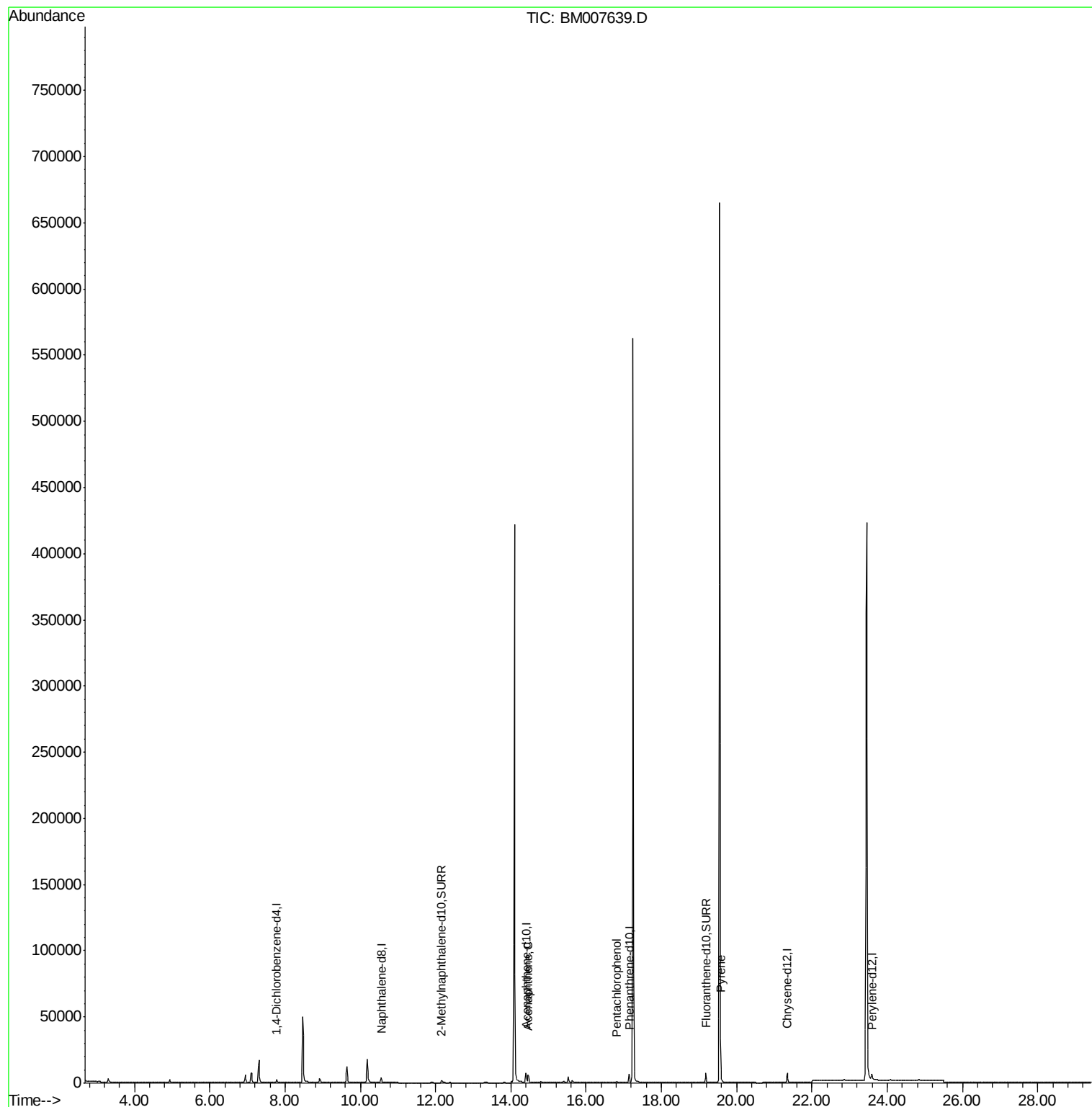
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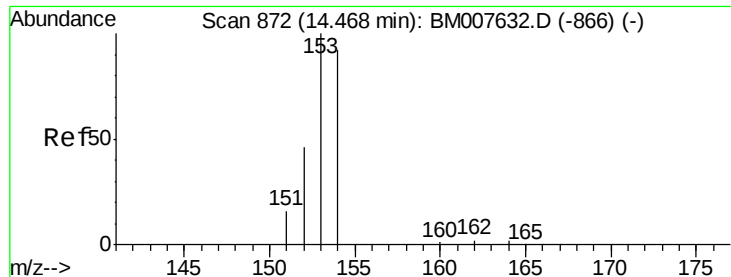
Instrument :  
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Quant Time: Sep 30 11:39:31 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM092116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 30 01:33:49 2016  
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.34 ng/ul

RT: 14.45 min Scan# 871

Delta R.T. -0.02 min

Lab File: BM007639.D

Acq: 29 Sep 2016 22:22

Instrument :

BNA\_M

ClientSampleId :

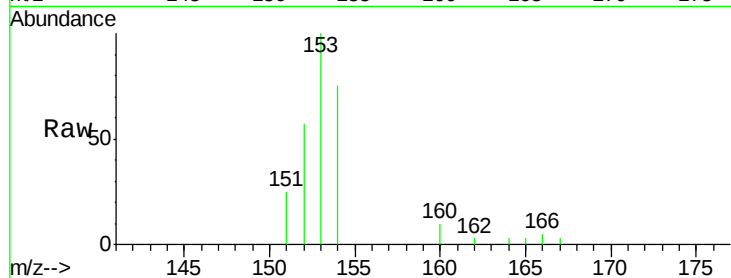
A4VM1MSD

Tgt Ion:153 Resp: 4489

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 153 | 100   |       |       |
| 152 | 56.7  | 37.6  | 56.4# |
| 154 | 75.5  | 74.6  | 112.0 |

Manual Integrations  
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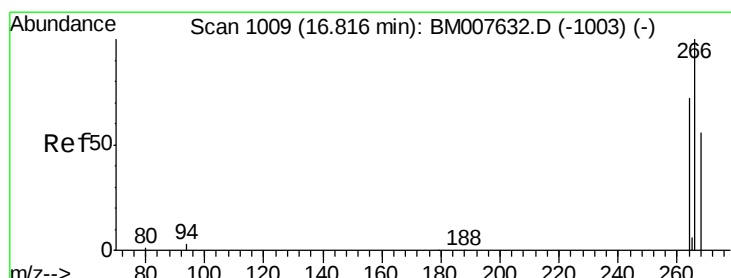
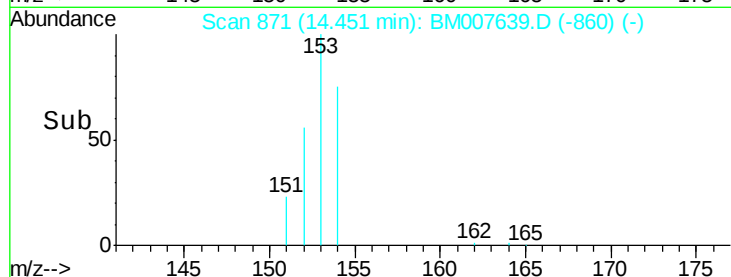
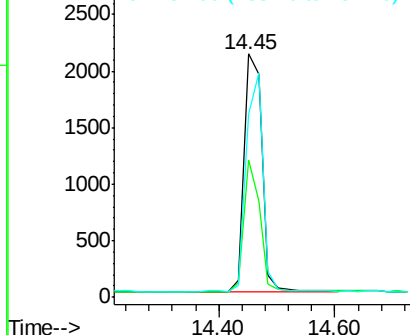
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#11

Pentachlorophenol

Concen: 0.40 ng/ul

RT: 16.82 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BM007639.D

Acq: 29 Sep 2016 22:22

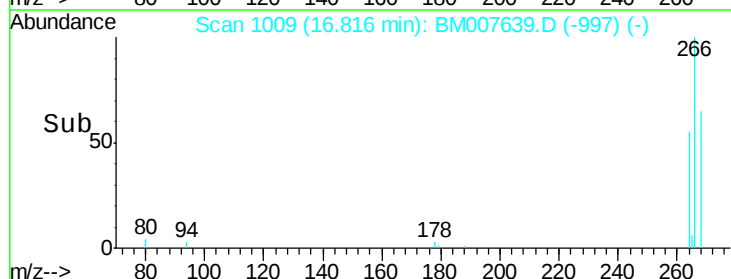
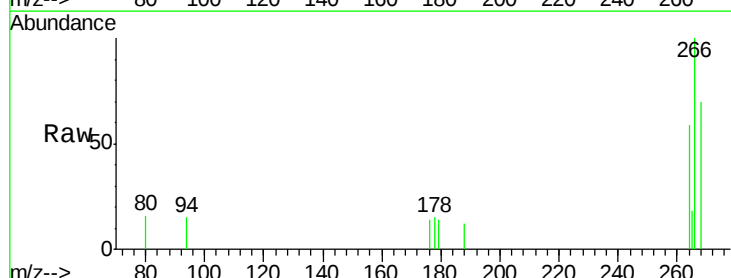
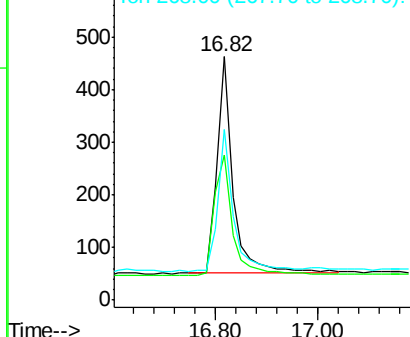
Tgt Ion:266 Resp: 905

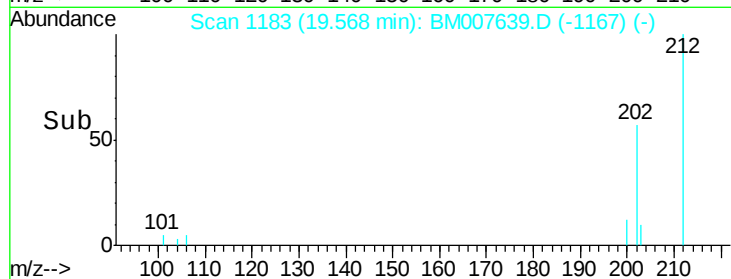
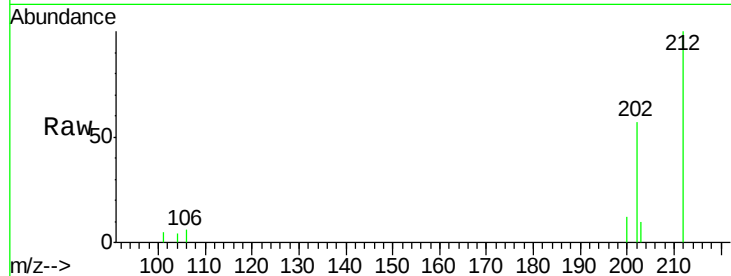
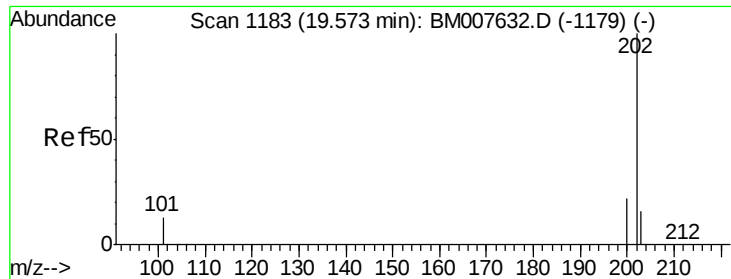
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 266 | 100   |       |       |
| 264 | 62.0  | 51.4  | 77.2  |
| 268 | 66.0  | 52.9  | 79.3  |

Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#17  
 Pyrene  
 Concen: 0.53 ng/ul  
 RT: 19.57 min Scan# 1183  
 Delta R.T. -0.01 min  
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 Acq: 29 Sep 2016 22:22

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| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 200     | 20.8  | 15.9       | 23.9       |
| 203     | 18.4  | 15.0       | 22.4       |

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