

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM061616\  
 Data File : BM005816.D  
 Acq On : 15 Jun 2016 22:38  
 Operator : UM/SJ  
 Sample : H3537-15  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9Y45

Manual Integrations  
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Quant Time: Jun 16 02:11:07 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM061516.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 16 01:45:55 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.73  | 152  | 63772    | 20.00 | ng/ul | 0.00     |
| 7) Naphthalene-d8         | 10.52 | 136  | 325901   | 20.00 | ng/ul | 0.00     |
| 15) Acenaphthene-d10      | 14.38 | 164  | 231999   | 20.00 | ng/ul | 0.00     |
| 23) Phenanthrene-d10      | 17.13 | 188  | 577066   | 20.00 | ng/ul | 0.00     |
| 29) Chrysene-d12          | 21.31 | 240  | 681606   | 20.00 | ng/ul | 0.00     |
| 34) Perylene-d12          | 23.56 | 264  | 637096   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 2) 1,4-Dioxane-d8              | 3.19  | 96  | 1447   | 1.05  | ng/uL | 0.00 |
| 3) Phenol-d5                   | 6.92  | 99  | 56087  | 10.71 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d  | 7.07  | 67  | 41125  | 13.19 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4           | 7.27  | 132 | 51379  | 11.77 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8           | 8.46  | 113 | 37643  | 8.51  | ng/ul | 0.00 |
| 8) Nitrobenzene-d5             | 8.90  | 128 | 25882  | 11.22 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4            | 9.62  | 143 | 27867  | 10.87 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3      | 10.17 | 165 | 51887  | 10.58 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4         | 10.68 | 131 | 23783m | 4.41  | ng/ul | 0.01 |
| 16) Dimethylphthalate-d6       | 13.79 | 166 | 244340 | 13.27 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8          | 14.07 | 160 | 310126 | 13.25 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4           | 14.65 | 143 | 16956m | 8.01  | ng/ul | 0.02 |
| 21) Fluorene-d10               | 15.37 | 176 | 231607 | 15.10 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 16624  | 6.44  | ng/ul | 0.00 |
| 26) Anthracene-d10             | 17.23 | 188 | 368467 | 13.77 | ng/ul | 0.00 |
| 30) Pyrene-d10                 | 19.52 | 212 | 450384 | 13.58 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12         | 23.42 | 264 | 393253 | 13.36 | ng/ul | 0.00 |

| Target Compounds |       |     |       |            | Qvalue |
|------------------|-------|-----|-------|------------|--------|
| 31) Pyrene       | 19.55 | 202 | 43272 | 1.03 ng/ul | 98     |

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

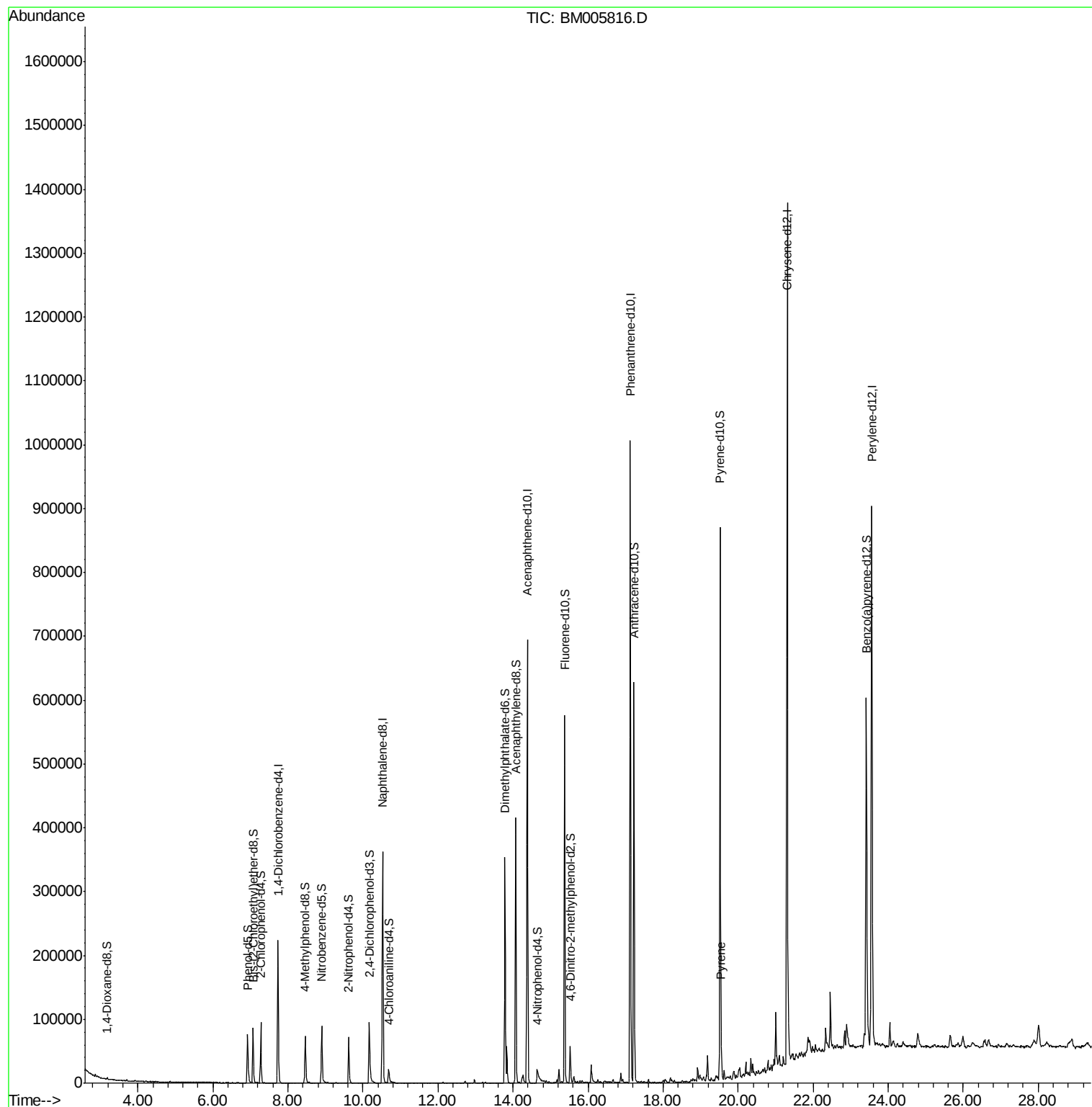
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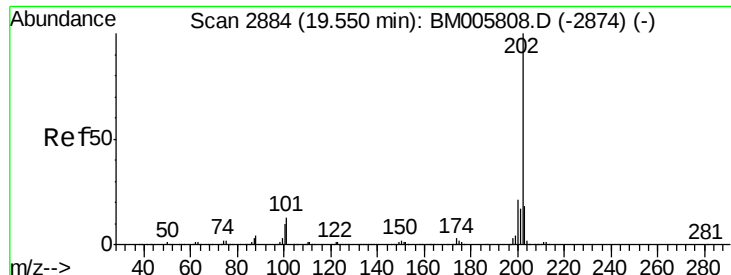
Instrument :  
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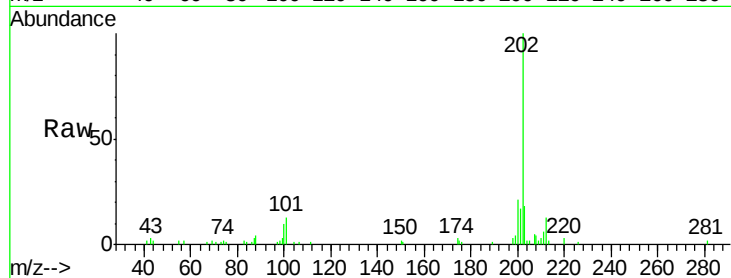
#31  
 Pyrene  
 Concen: 1.03 ng/ul  
 RT: 19.55 min Scan# 2884  
 Delta R.T. 0.00 min  
 Lab File: BM005816.D  
 Acq: 15 Jun 2016 22:38

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9Y45

|     |       |       |       |       |
|-----|-------|-------|-------|-------|
| Tgt | Ion   | 202   | Resp: | 43272 |
| Ion | Ratio | Lower | Upper |       |
| 202 | 100   |       |       |       |
| 101 | 13.3  | 11.0  | 16.4  |       |
| 100 | 9.8   | 8.9   | 13.3  |       |

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Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 100.00 (99.70 to 100.70): B

