

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM071116\  
 Data File : BM006405.D  
 Acq On : 11 Jul 2016 21:12  
 Operator : UM/SJ  
 Sample : H3861-20  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BDJ18

## Manual Integrations

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 7/12/2016 7:32:12 PM

Quant Time: Jul 12 01:28:56 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM070216.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 12 00:59:35 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 107777   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.41 | 136  | 443171   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.28 | 164  | 261500   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.03 | 188  | 609383   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.23 | 240  | 761425   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.43 | 264  | 811662   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.15  | 96  | 3934   | 1.56  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.81  | 99  | 165545 | 16.40 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.97  | 67  | 106648 | 17.91 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.16  | 132 | 134949 | 17.47 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.34  | 113 | 128435 | 15.73 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.79  | 128 | 62653  | 17.74 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.50  | 143 | 66033  | 16.50 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.04 | 165 | 117124 | 16.15 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.55 | 131 | 170124 | 22.57 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.69 | 166 | 391252 | 17.93 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.97 | 160 | 496883 | 18.39 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.50 | 143 | 51398m | 12.43 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.27 | 176 | 364216 | 19.36 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.41 | 200 | 31200  | 8.74  | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.13 | 188 | 568698 | 19.56 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.43 | 212 | 723102 | 19.91 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.29 | 264 | 820345 | 21.75 | ng/ul | 0.00 |

| Target Compounds      |       |     |        |      |       | Qvalue |
|-----------------------|-------|-----|--------|------|-------|--------|
| 44) Dimethylphthalate | 13.74 | 163 | 127031 | 5.79 | ng/ul | 98     |
| 74) Fluoranthene      | 19.10 | 202 | 50579  | 1.34 | ng/ul | 97     |
| 77) Pyrene            | 19.46 | 202 | 56284  | 1.18 | ng/ul | 99     |

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

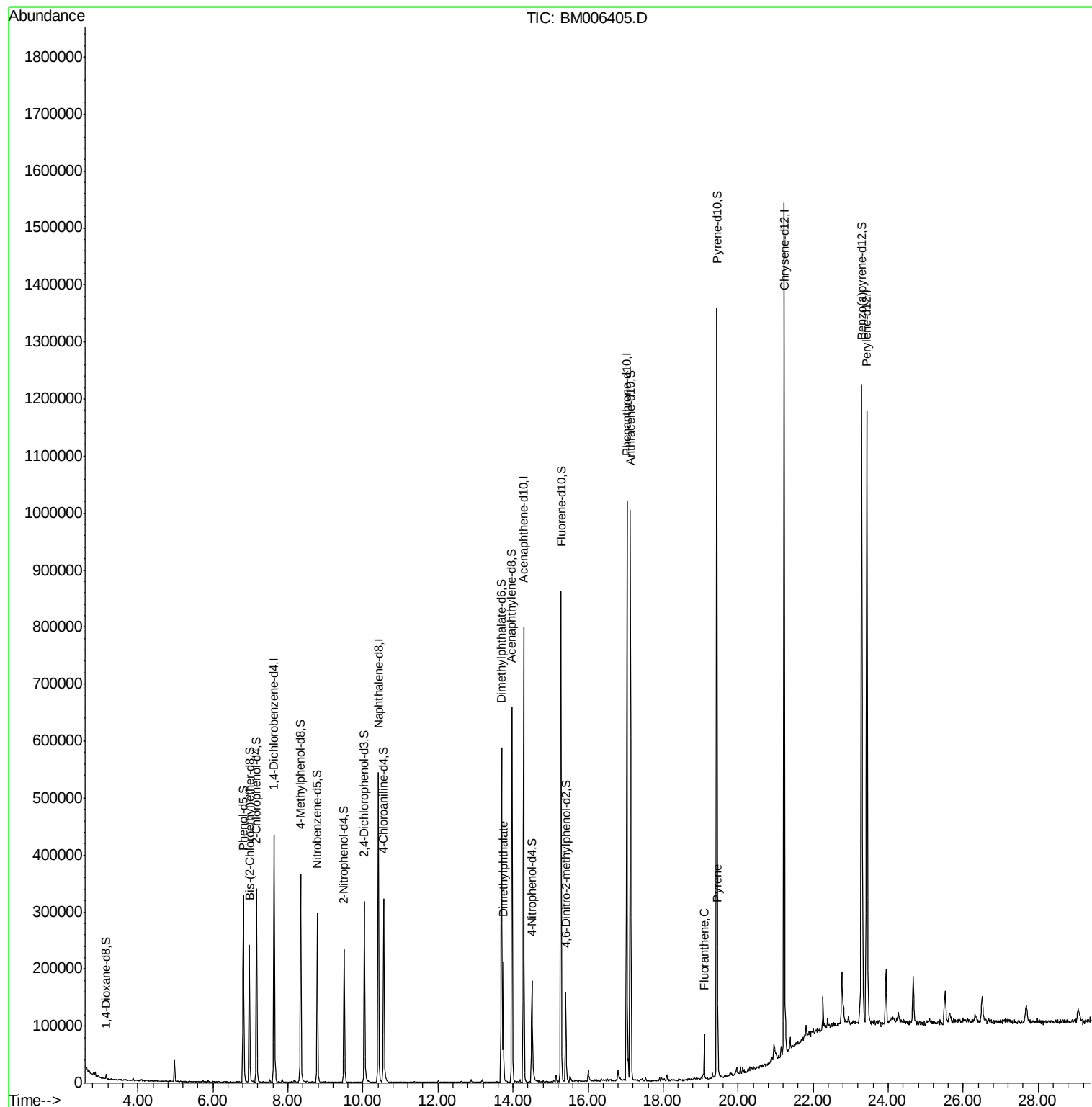
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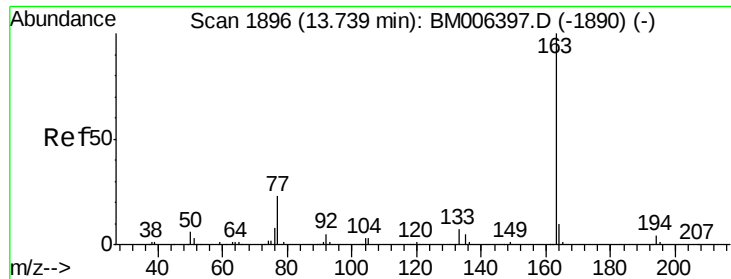
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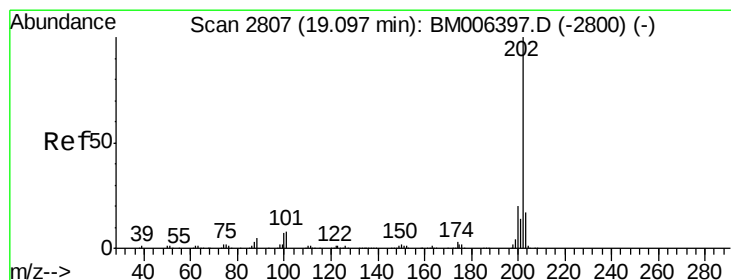
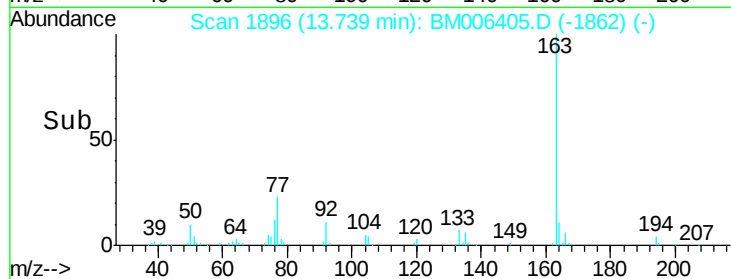
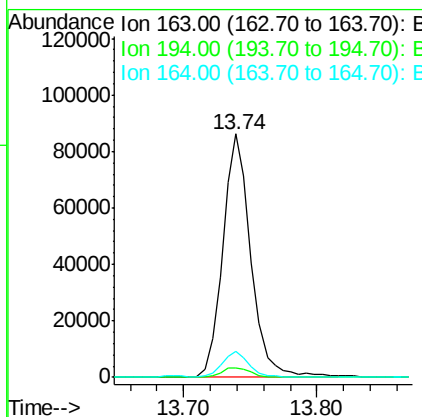
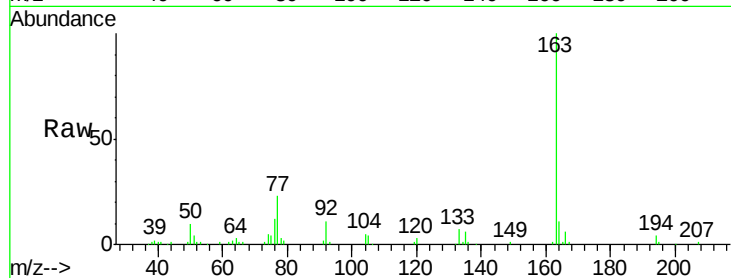
#44  
Dimethylphthalate  
Concen: 5.79 ng/ul  
RT: 13.74 min Scan# 1896  
Delta R.T. 0.00 min  
Lab File: BM006405.D  
Acq: 11 Jul 2016 21:12

Instrument :  
BNA\_M  
ClientSampleId :  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.9   | 3.4   | 5.0   |
| 164     | 10.7  | 7.8   | 11.8  |

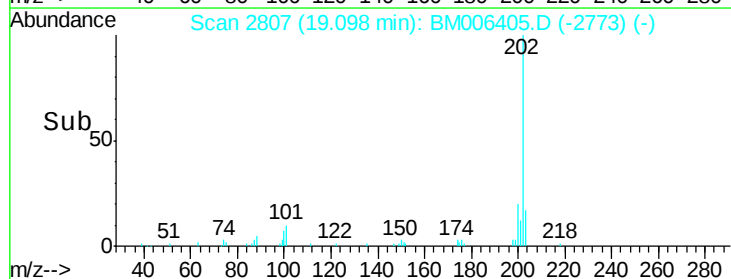
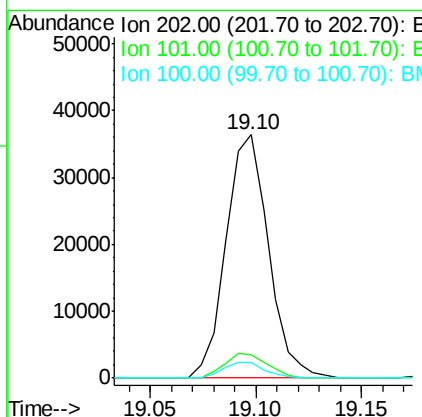
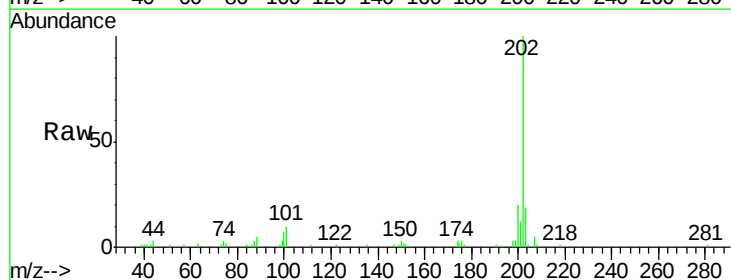
Manual Integrations

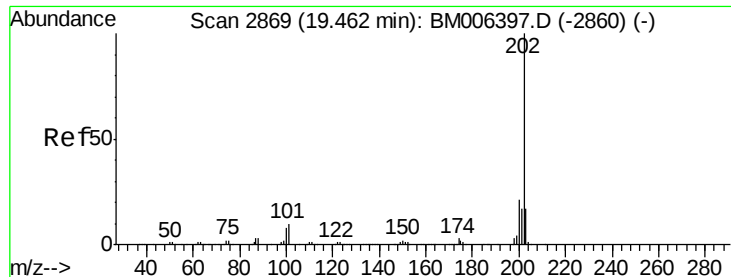
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#74  
Fluoranthene  
Concen: 1.34 ng/ul  
RT: 19.10 min Scan# 2807  
Delta R.T. 0.00 min  
Lab File: BM006405.D  
Acq: 11 Jul 2016 21:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 9.7   | 8.6   | 12.8  |
| 100     | 6.6   | 6.4   | 9.6   |





#77  
 Pyrene  
 Concen: 1.18 ng/ul  
 RT: 19.46 min Scan# 2868  
 Delta R.T. -0.01 min  
 Lab File: BM006405.D  
 Acq: 11 Jul 2016 21:12

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 ClientSampleId :  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 13.1  | 10.0  | 15.0  |
| 100     | 9.7   | 7.9   | 11.9  |

Manual Integrations

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