

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\  
 Data File : BM008411.D  
 Acq On : 17 Dec 2016 14:45  
 Operator : UM/SJ  
 Sample : H6067-16  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7G7

Manual Integrations  
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Quant Time: Dec 18 03:59:46 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Dec 18 02:31:56 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 108250   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.43 | 136  | 424402   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.30 | 164  | 268928   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.06 | 188  | 542531   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.26 | 240  | 678624   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.49 | 264  | 687691   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.23  | 96   | 15093    | 6.56  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.85  | 99   | 251423   | 29.94 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.00  | 67   | 156954   | 32.52 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.20  | 132  | 204474   | 32.36 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.38  | 113  | 200882   | 30.88 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.82  | 128  | 97253    | 31.71 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.54  | 143  | 103038   | 30.32 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.08 | 165  | 191385   | 30.73 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.60 | 131  | 246543   | 34.53 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.72 | 166  | 592430   | 33.14 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 13.99 | 160  | 738982   | 34.98 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.59 | 143  | 43101m   | 16.37 | ng/ul | 0.04     |
| 57) Fluorene-d10               | 15.30 | 176  | 511909   | 32.94 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.47 | 200  | 49174    | 15.23 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.16 | 188  | 797811   | 33.75 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.46 | 212  | 951010   | 36.29 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.34 | 264  | 990880   | 34.31 | ng/ul | 0.00     |

| Target Compounds      | R.T.  | QIon | Response | Conc | Units | Ovalue |
|-----------------------|-------|------|----------|------|-------|--------|
| 6) Phenol             | 6.88  | 94   | 52441    | 6.01 | ng/ul | 95     |
| 44) Dimethylphthalate | 13.77 | 163  | 153370   | 8.75 | ng/ul | 100    |

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

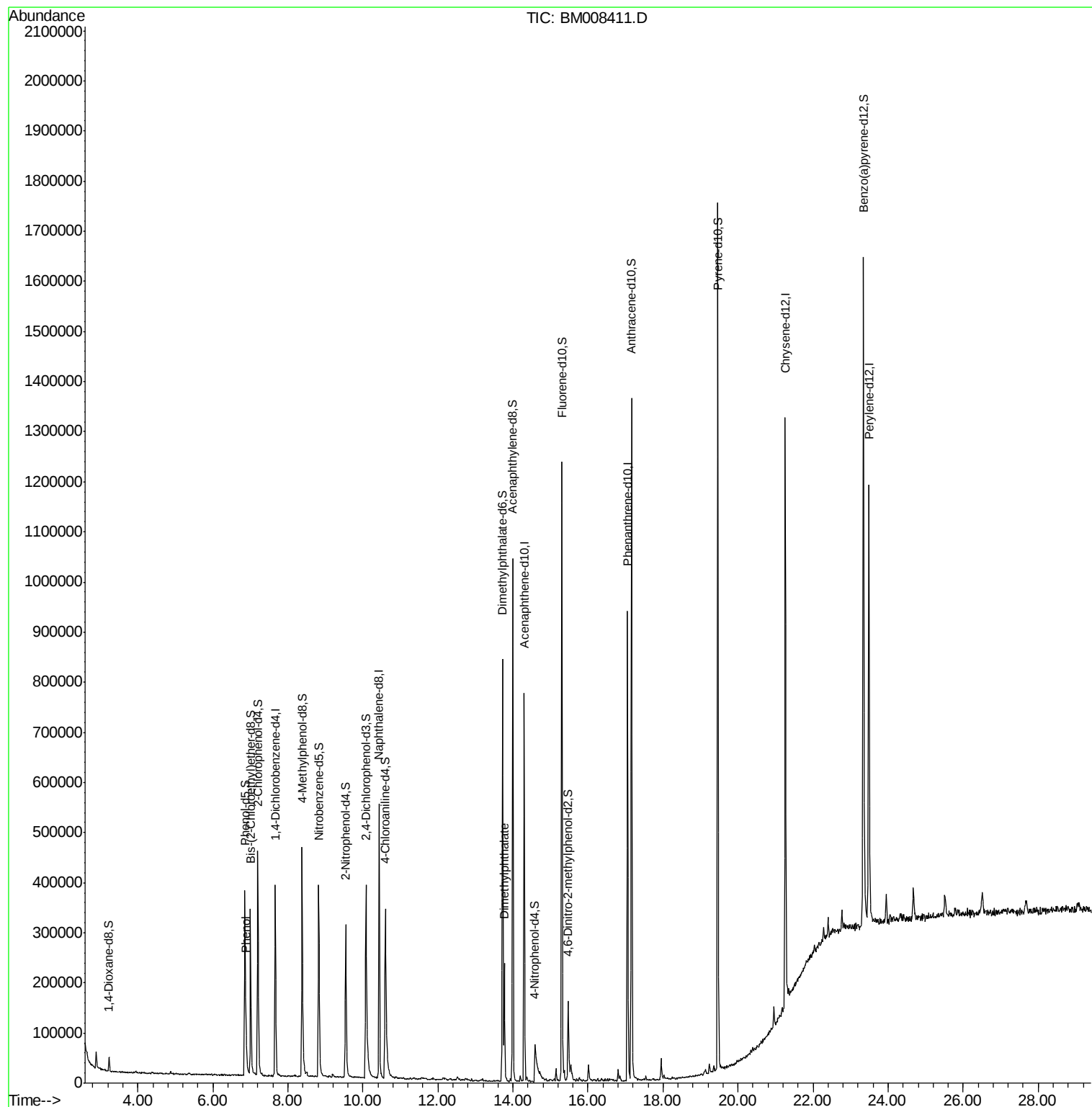
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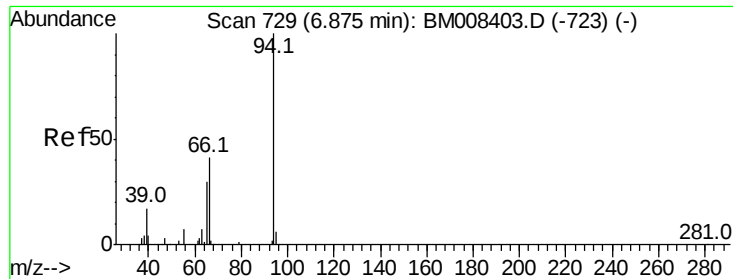
Instrument :  
BNA\_M  
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Quant Time: Dec 18 03:59:46 2016  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM12  
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#6

Phenol

Concen: 6.01 ng/ul

RT: 6.88 min Scan# 730

Delta R.T. 0.01 min

Lab File: BM008411.D

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Instrument :

BNA\_M

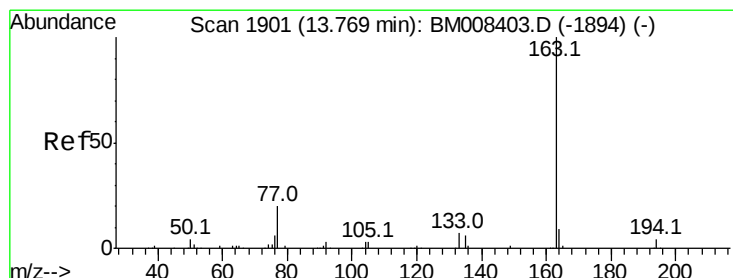
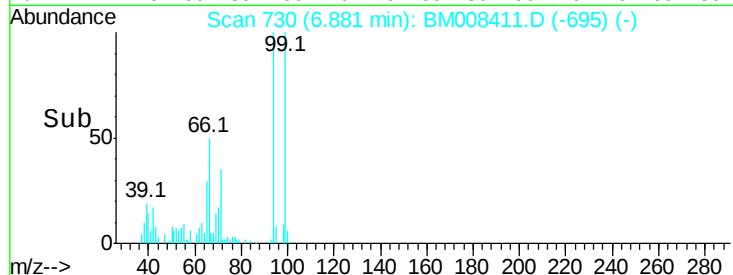
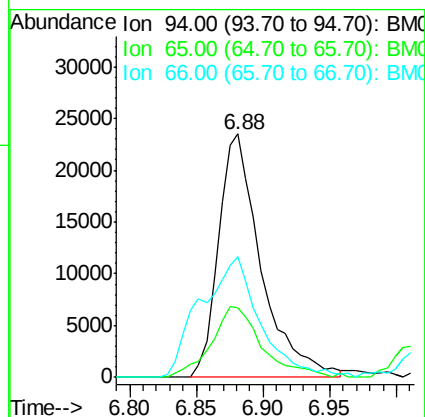
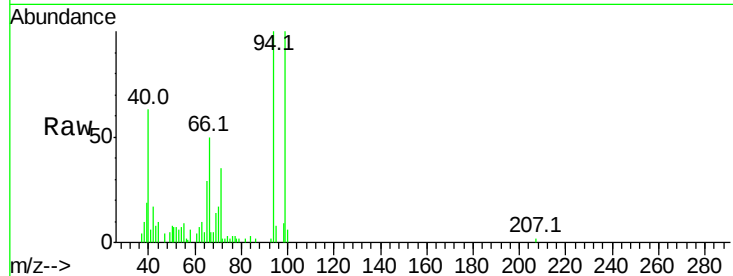
ClientSampleId :

DA7G7

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 94    | Resp: | 52441 |
| Ion Ratio | Lower | Upper |       |
| 94        | 100   |       |       |
| 65        | 28.8  | 22.6  | 34.0  |
| 66        | 49.8  | 35.8  | 53.8  |

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#44

Dimethylphthalate

Concen: 8.75 ng/ul

RT: 13.77 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BM008411.D

Acq: 17 Dec 2016 14:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 153370 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.5   | 3.5   | 5.3    |
| 164       | 9.9   | 7.8   | 11.8   |

