

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\  
 Data File : BM005119.D  
 Acq On : 28 Apr 2016 18:26  
 Operator : UM/SJ  
 Sample : H2639-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BC7S6

Quant Time: Apr 29 04:07:28 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 29 02:20:37 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.79  | 152  | 41291    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.58 | 136  | 196787   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.43 | 164  | 125300   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.17 | 188  | 286084   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.37 | 240  | 268294   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.65 | 264  | 222318   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.29  | 96  | 1451   | 1.79  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.96  | 99  | 32987  | 9.66  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.12  | 67  | 52535  | 27.03 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.32  | 132 | 63589  | 23.53 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.49  | 113 | 54515  | 18.83 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.95  | 128 | 35858  | 26.31 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.66  | 143 | 41654  | 27.39 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.20 | 165 | 76204  | 26.38 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.73 | 131 | 3216   | 0.95  | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6       | 13.84 | 166 | 269333 | 27.22 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.12 | 160 | 313106 | 26.57 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.64 | 143 | 13836  | 8.00  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.42 | 176 | 229539 | 26.40 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.54 | 200 | 40783  | 25.06 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.27 | 188 | 346770 | 27.03 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.57 | 212 | 371543 | 30.42 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.50 | 264 | 268685 | 26.97 | ng/ul | 0.00 |

## Target Compounds

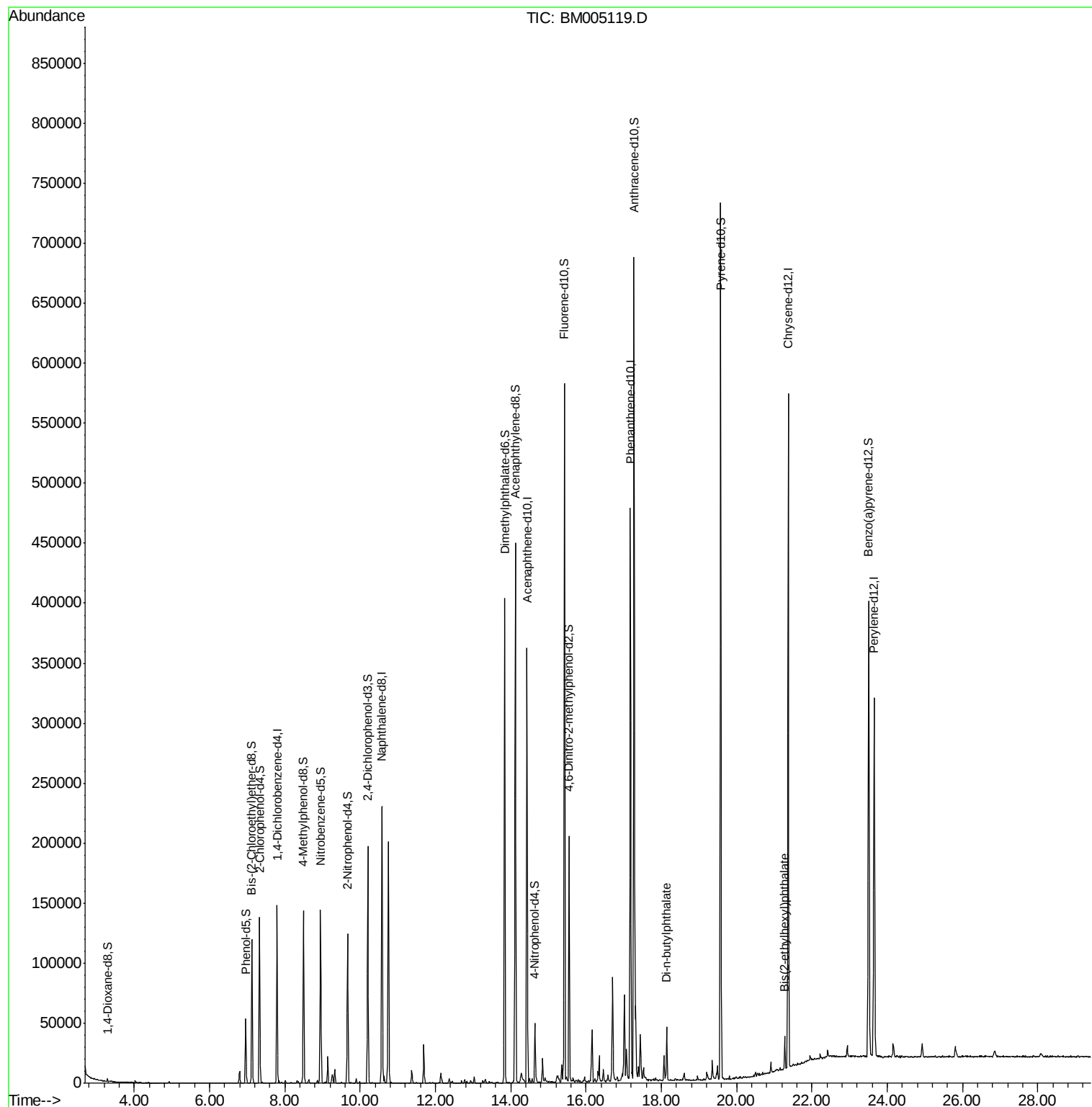
|                                |       |     |       |      |       | Ovalue |
|--------------------------------|-------|-----|-------|------|-------|--------|
| 73) Di-n-butylphthalate        | 18.14 | 149 | 32137 | 2.09 | ng/ul | 99     |
| 81) Bis(2-ethylhexyl)phthalate | 21.27 | 149 | 9750  | 1.16 | ng/ul | 95     |

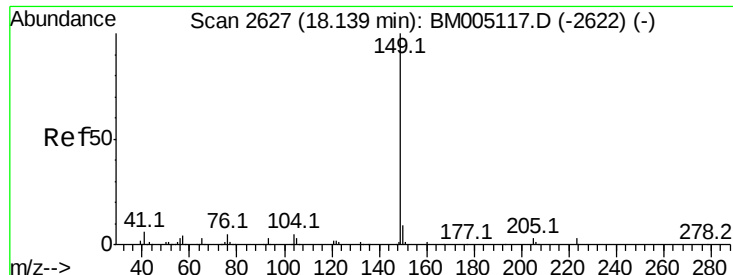
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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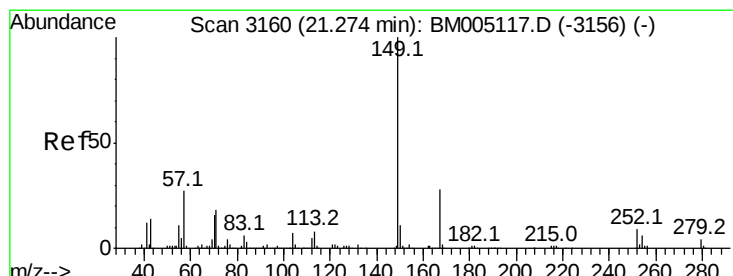
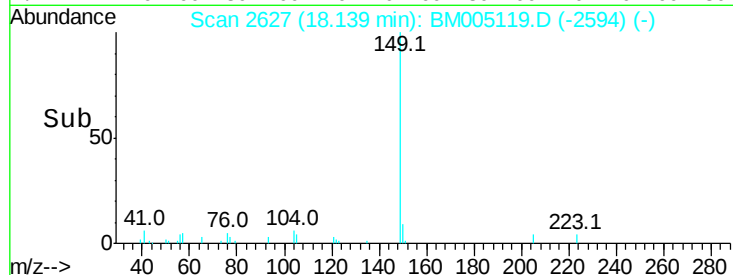
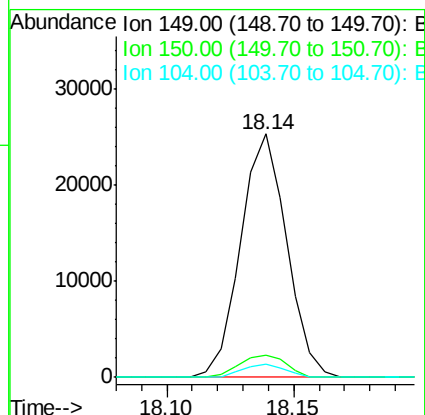
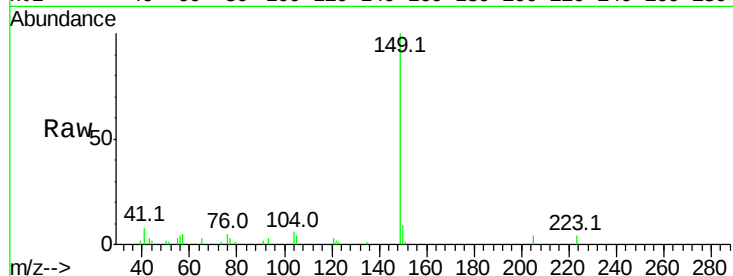




#73  
Di-n-butylphthalate  
Concen: 2.09 ng/ul  
RT: 18.14 min Scan# 2627  
Delta R.T. -0.01 min  
Lab File: BM005119.D  
Acq: 28 Apr 2016 18:26

Instrument :  
BNA\_M  
ClientSampleId :  
BC7S6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.0   | 7.3   | 10.9  |
| 104     | 5.6   | 3.9   | 5.9   |



#81  
Bis(2-ethylhexyl)phthalate  
Concen: 1.16 ng/ul  
RT: 21.27 min Scan# 3160  
Delta R.T. -0.01 min  
Lab File: BM005119.D  
Acq: 28 Apr 2016 18:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 25.3  | 22.7  | 34.1  |
| 279     | 4.1   | 3.4   | 5.0   |

