

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM011316\  
 Data File : BM003960.D  
 Acq On : 12 Jan 2016 18:19  
 Operator : SJ/UM  
 Sample : PB87775BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK75

Quant Time: Jan 13 06:13:03 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM010116.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jan 13 06:08:50 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 37055    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.46 | 136  | 175732   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.32 | 164  | 104958   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.07 | 188  | 237889   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.27 | 240  | 246379   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.52 | 264  | 210902   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.13  | 96  | 5536   | 6.68  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.85  | 99  | 107340 | 34.89 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.00  | 67  | 67965  | 39.08 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.20  | 132 | 91132  | 36.04 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.38  | 113 | 91757  | 36.81 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.83  | 128 | 44834  | 33.87 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.55  | 143 | 48408  | 33.36 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.08 | 165 | 83017  | 32.20 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.60 | 131 | 138240 | 40.62 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.73 | 166 | 306550 | 37.20 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.02 | 160 | 365877 | 36.45 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.54 | 143 | 42937  | 29.01 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.32 | 176 | 268094 | 38.36 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 34458  | 25.69 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.17 | 188 | 426049 | 38.72 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.47 | 212 | 467698 | 36.65 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.37 | 264 | 406758 | 38.62 | ng/ul | 0.00 |

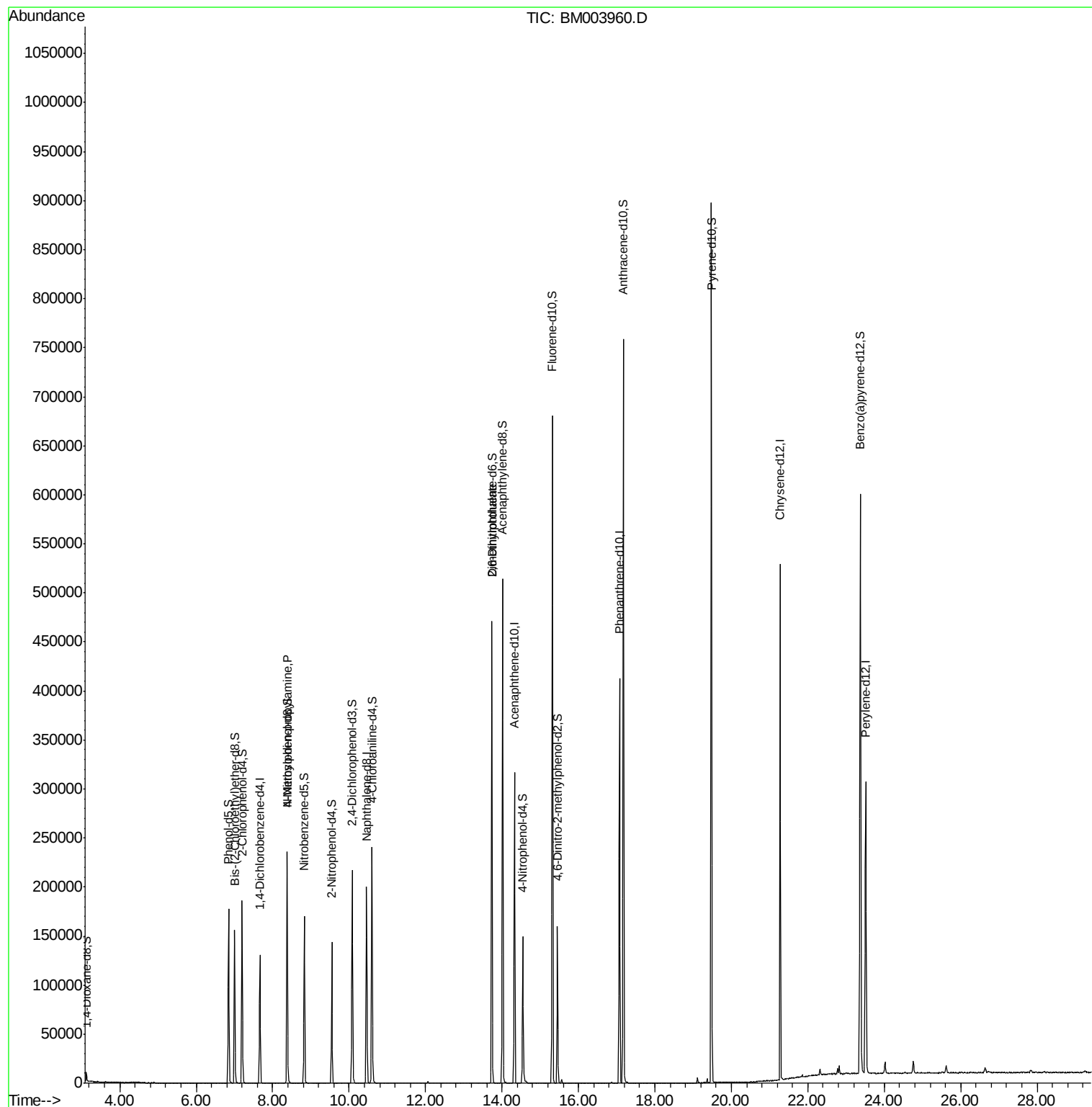
| Target Compounds               |       |     |      |      |        | Qvalue |
|--------------------------------|-------|-----|------|------|--------|--------|
| 15) N-Nitroso-di-n-propylamine | 8.37  | 70  | 1971 | 1.01 | ng/ul# | 1      |
| 46) 2,6-Dinitrotoluene         | 13.74 | 165 | 1681 | 1.02 | ng/ul# | 40     |

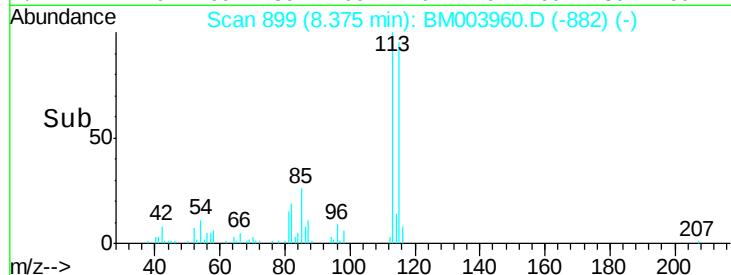
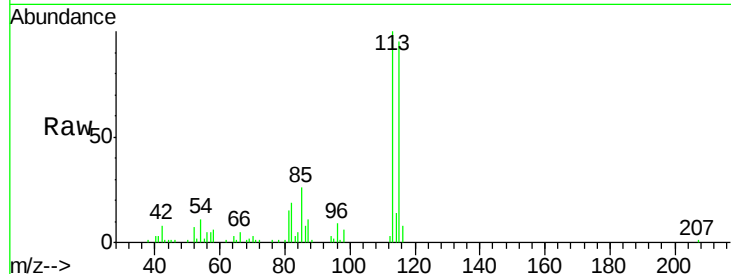
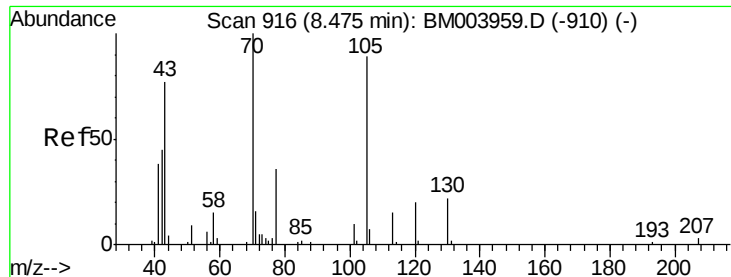
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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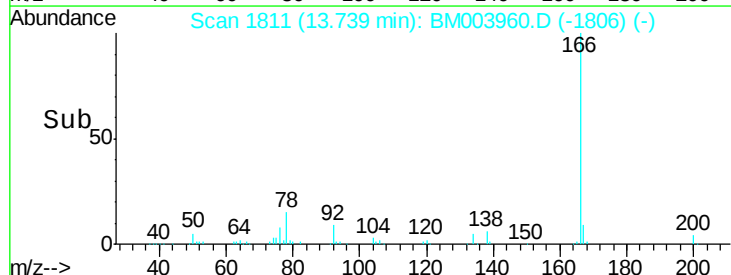
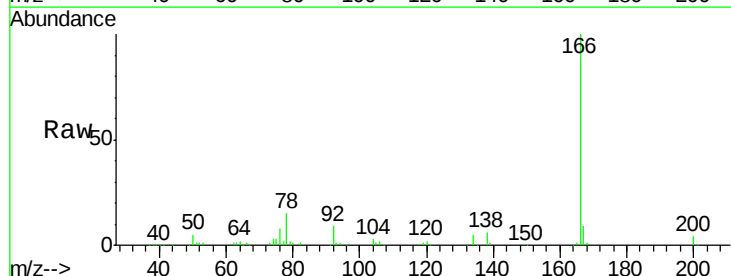
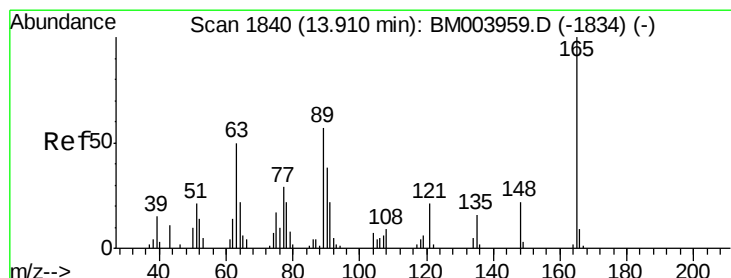
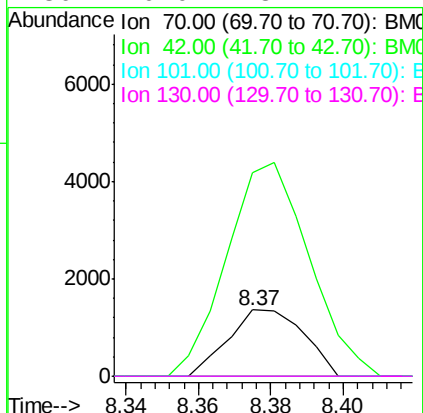




#15  
N-Nitroso-di-n-propylamine  
Concen: 1.01 ng/ul  
RT: 8.37 min Scan# 899  
Delta R.T. -0.10 min  
Lab File: BM003960.D  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 1971  |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 307.3 | 35.4  | 53.0# |
| 101      | 0.0   | 8.4   | 12.6# |
| 130      | 0.0   | 18.2  | 27.4# |



#46  
2,6-Dinitrotoluene  
Concen: 1.02 ng/ul  
RT: 13.74 min Scan# 1811  
Delta R.T. -0.17 min  
Lab File: BM003960.D  
Acq: 12 Jan 2016 18:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 165   | Resp: | 1681  |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 89       | 0.0   | 42.4  | 63.6# |
| 121      | 30.9  | 16.6  | 24.8# |

