

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM081716\  
 Data File : BM007143.D  
 Acq On : 16 Aug 2016 16:01  
 Operator : UM/SJ  
 Sample : PB92870BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK70

Quant Time: Aug 17 02:25:03 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM081116.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 17 02:24:57 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.81  | 152  | 213787   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.59 | 136  | 857810   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.44 | 164  | 512940   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.18 | 188  | 1211816  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.36 | 240  | 1549844  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.64 | 264  | 1612051  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.33  | 96  | 36322   | 7.42  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.97  | 99  | 621713  | 35.90 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.15  | 67  | 368980  | 37.17 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.34  | 132 | 511404  | 37.07 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.50  | 113 | 504131  | 35.37 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.96  | 128 | 236435  | 37.95 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.68  | 143 | 264661  | 39.76 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.21 | 165 | 495648  | 35.55 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.73 | 131 | 658512  | 39.69 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.85 | 166 | 1577621 | 37.22 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.13 | 160 | 1892997 | 37.18 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.63 | 143 | 233349  | 30.72 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.43 | 176 | 1332866 | 35.98 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.54 | 200 | 197977  | 29.56 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.28 | 188 | 2146750 | 38.24 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.57 | 212 | 2492911 | 38.11 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.50 | 264 | 2810714 | 38.12 | ng/ul | 0.00 |

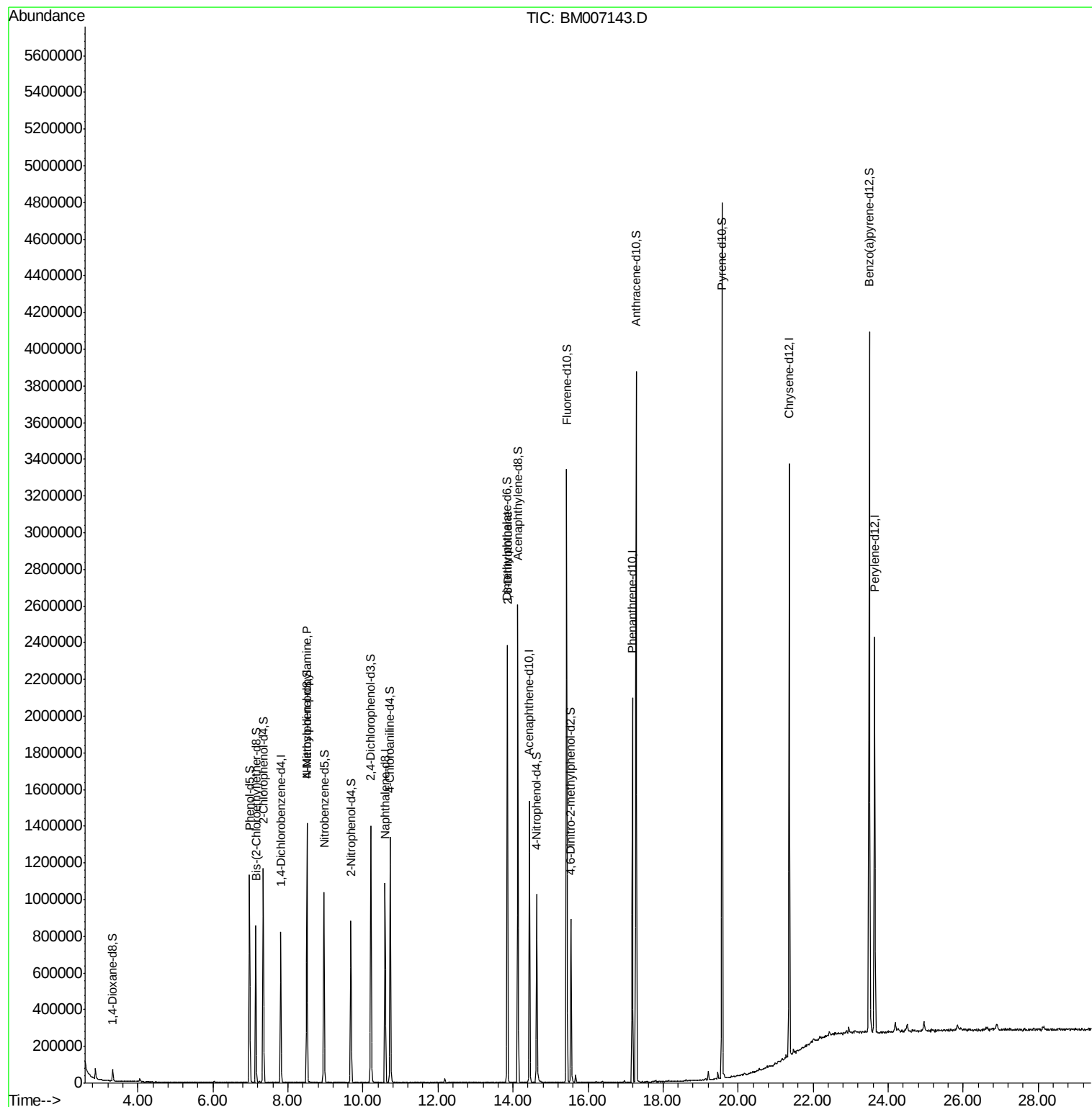
| Target Compounds               |       |     |       |      |        | Qvalue |
|--------------------------------|-------|-----|-------|------|--------|--------|
| 15) N-Nitroso-di-n-propylamine | 8.50  | 70  | 14205 | 1.24 | ng/ul# | 1      |
| 45) 2,6-Dinitrotoluene         | 13.86 | 165 | 8952  | 1.09 | ng/ul# | 38     |

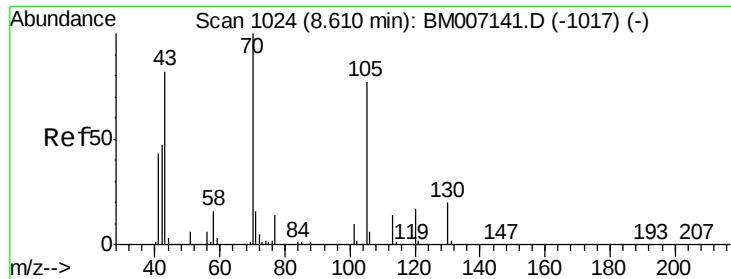
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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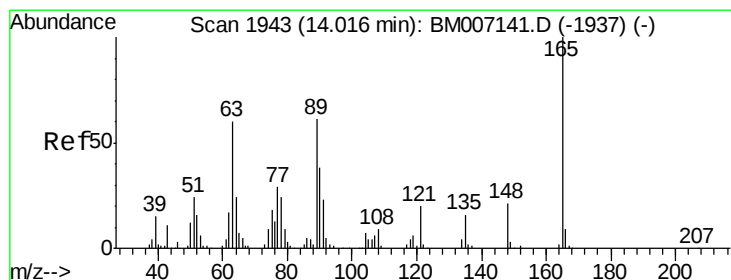
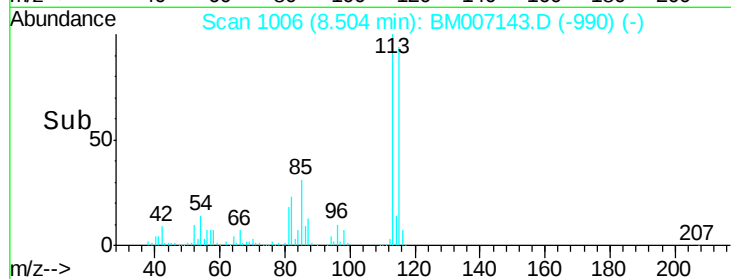
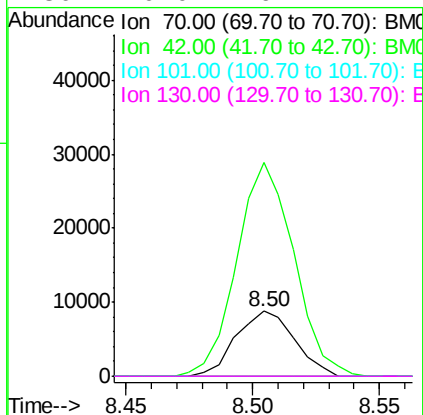
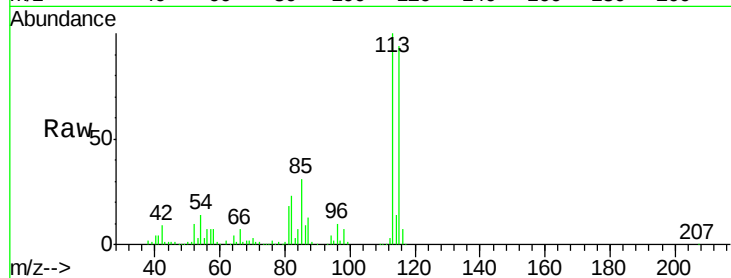




#15  
N-Nitroso-di-n-propylamine  
Concen: 1.24 ng/ul  
RT: 8.50 min Scan# 1006  
Delta R.T. -0.11 min  
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Tgt Ion: 70 Resp: 14205  
Ion Ratio Lower Upper  
70 100  
42 327.3 43.4 65.2#  
101 0.0 7.8 11.6#  
130 0.0 16.2 24.4#



#45  
2,6-Dinitrotoluene  
Concen: 1.09 ng/ul  
RT: 13.86 min Scan# 1916  
Delta R.T. -0.16 min  
Lab File: BM007143.D  
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Tgt Ion: 165 Resp: 8952  
Ion Ratio Lower Upper  
165 100  
89 0.0 46.6 69.8#  
121 27.0 16.0 24.0#

