

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM090916\  
 Data File : BM007469.D  
 Acq On : 09 Sep 2016 16:08  
 Operator : UM/SJ  
 Sample : PB93305BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK05

Quant Time: Sep 09 16:48:22 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM082316.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Sep 09 03:02:55 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.79  | 152  | 152549   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.57 | 136  | 699769   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.42 | 164  | 492662   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.16 | 188  | 1287480  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.34 | 240  | 1853863  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.61 | 264  | 1952059  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.30  | 96  | 24339   | 8.16  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.96  | 99  | 467702  | 32.46 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.12  | 67  | 287178  | 37.92 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.32  | 132 | 377135  | 35.41 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.49  | 113 | 404091  | 32.15 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.95  | 128 | 204530  | 39.81 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.66  | 143 | 238282  | 39.72 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.20 | 165 | 402783  | 33.72 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.71 | 131 | 436835  | 29.32 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.83 | 166 | 1706920 | 40.16 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.12 | 160 | 1876433 | 38.09 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.63 | 143 | 282134  | 35.16 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.42 | 176 | 1415672 | 38.51 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.54 | 200 | 287612  | 35.53 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.26 | 188 | 2449667 | 40.73 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.56 | 212 | 3069034 | 39.59 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.47 | 264 | 3660889 | 40.72 | ng/ul | 0.00 |

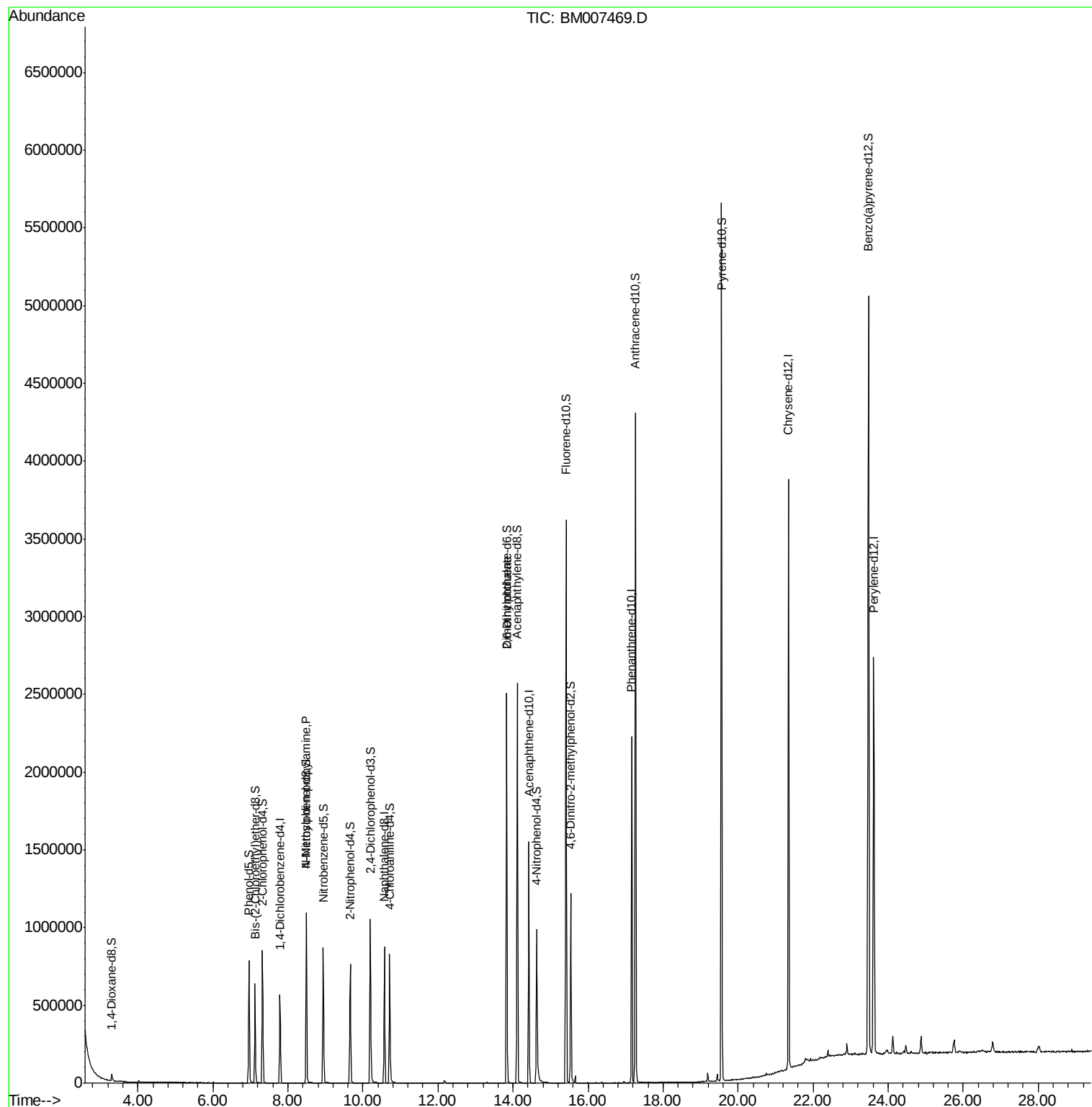
| Target Compounds               |       |     |       |      |        | Qvalue |
|--------------------------------|-------|-----|-------|------|--------|--------|
| 15) N-Nitroso-di-n-propylamine | 8.49  | 70  | 10788 | 1.05 | ng/ul# | 1      |
| 45) 2,6-Dinitrotoluene         | 13.83 | 165 | 8888  | 1.03 | ng/ul# | 31     |

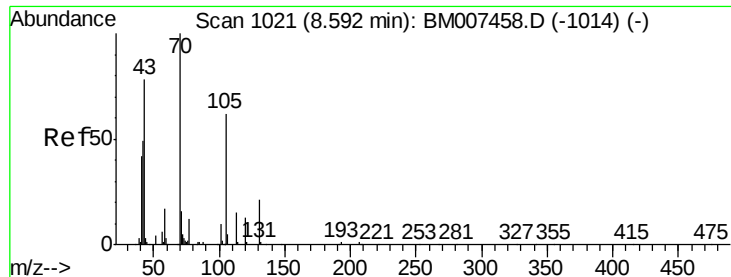
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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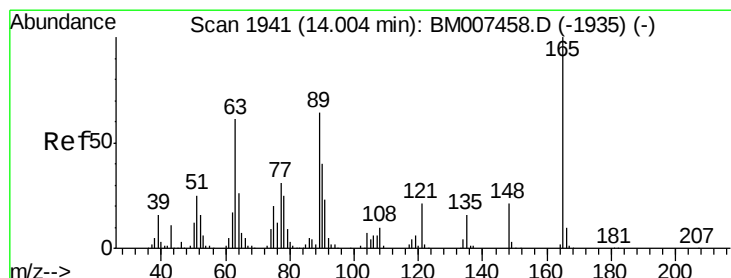
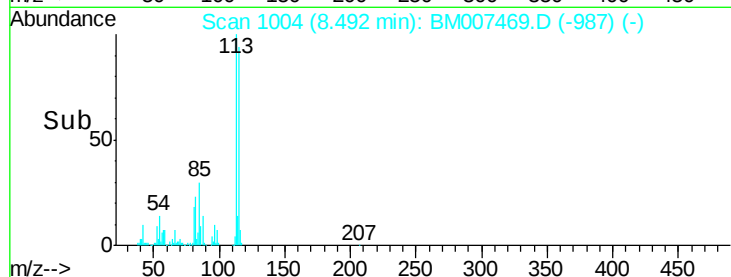
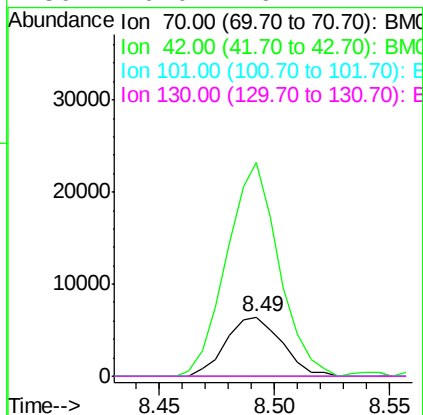
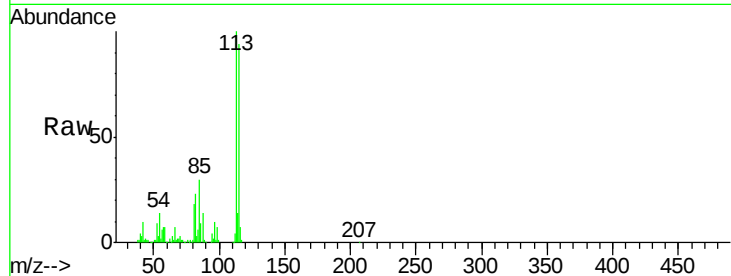




#15  
N-Nitroso-di-n-propylamine  
Concen: 1.05 ng/ul  
RT: 8.49 min Scan# 1004  
Delta R.T. -0.10 min  
Lab File: BM007469.D  
Acq: 09 Sep 2016 16:08

Instrument :  
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ClientSampleId :  
SBLK05

Tgt Ion: 70 Resp: 10788  
Ion Ratio Lower Upper  
70 100  
42 361.4 43.4 65.2#  
101 0.0 7.8 11.6#  
130 0.0 16.2 24.4#



#45  
2,6-Dinitrotoluene  
Concen: 1.03 ng/ul  
RT: 13.83 min Scan# 1912  
Delta R.T. -0.17 min  
Lab File: BM007469.D  
Acq: 09 Sep 2016 16:08

Tgt Ion: 165 Resp: 8888  
Ion Ratio Lower Upper  
165 100  
89 0.0 46.6 69.8#  
121 40.0 16.0 24.0#

