

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM071516\  
 Data File : BM006447.D  
 Acq On : 15 Jul 2016 18:04  
 Operator : UM/SJ  
 Sample : PB92041BL  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK41

Quant Time: Jul 15 23:20:54 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM071416.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 15 23:20:22 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 97592    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.40 | 136  | 401310   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.27 | 164  | 239328   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.02 | 188  | 608817   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.22 | 240  | 771283   | 20.00 | ng/ul | -0.01    |
| 83) Perylene-d12          | 23.41 | 264  | 812937   | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.14  | 96  | 10804   | 4.66  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.80  | 99  | 277423  | 34.69 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.96  | 67  | 175880  | 36.26 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.15  | 132 | 219149  | 33.82 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.33  | 113 | 221857  | 34.91 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.77  | 128 | 107297  | 35.28 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.49  | 143 | 122284  | 35.56 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.02 | 165 | 213021  | 32.83 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.54 | 131 | 196795  | 29.02 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.68 | 166 | 811626  | 41.44 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.96 | 160 | 914490  | 37.76 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.49 | 143 | 137763  | 40.49 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.27 | 176 | 678088  | 38.94 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 119236  | 33.86 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.12 | 188 | 1137077 | 39.51 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.42 | 212 | 1341700 | 38.37 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.28 | 264 | 1625573 | 43.73 | ng/ul | 0.00 |

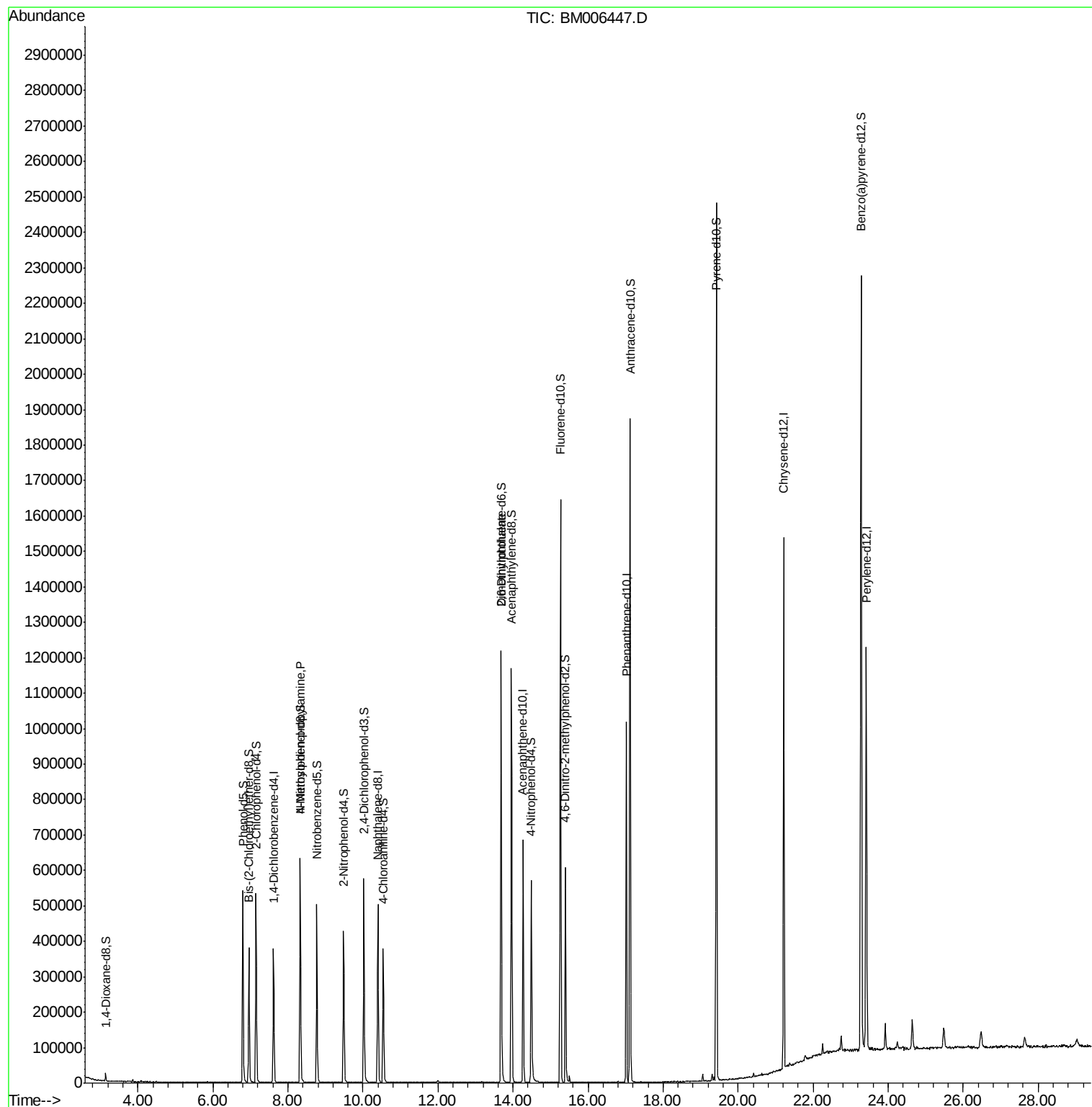
| Target Compounds               |       |     |      |      |        | Qvalue |
|--------------------------------|-------|-----|------|------|--------|--------|
| 15) N-Nitroso-di-n-propylamine | 8.33  | 70  | 5695 | 1.08 | ng/ul# | 1      |
| 45) 2,6-Dinitrotoluene         | 13.69 | 165 | 4827 | 1.22 | ng/ul# | 31     |

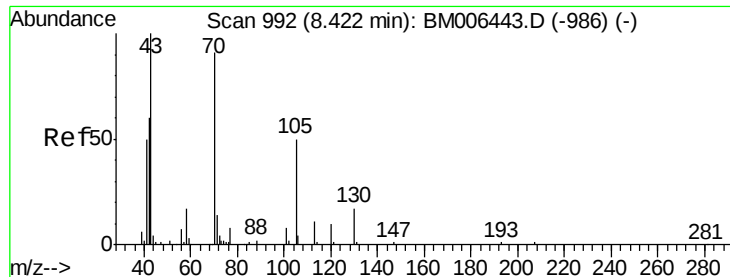
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

N-Nitroso-di-n-propylamine

Concen: 1.08 ng/ul

RT: 8.33 min Scan# 976

Delta R.T. -0.09 min

Lab File: BM006447.D

Acq: 15 Jul 2016 18:04

Instrument :

BNA\_M

ClientSampleId :

SBLK41

Tgt Ion: 70 Resp: 5695

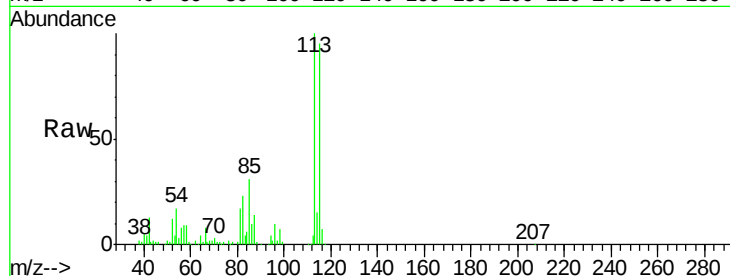
Ion Ratio Lower Upper

70 100

42 439.6 50.6 75.8#

101 0.0 7.9 11.9#

130 0.0 15.8 23.6#

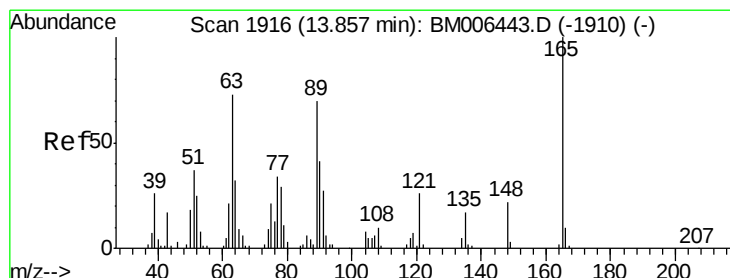
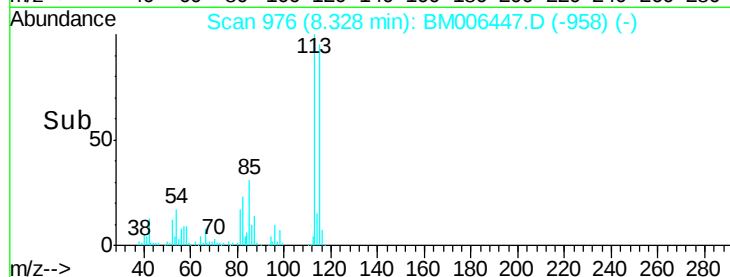
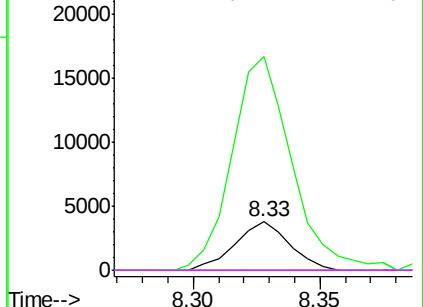


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#45

2,6-Dinitrotoluene

Concen: 1.22 ng/ul

RT: 13.69 min Scan# 1887

Delta R.T. -0.17 min

Lab File: BM006447.D

Acq: 15 Jul 2016 18:04

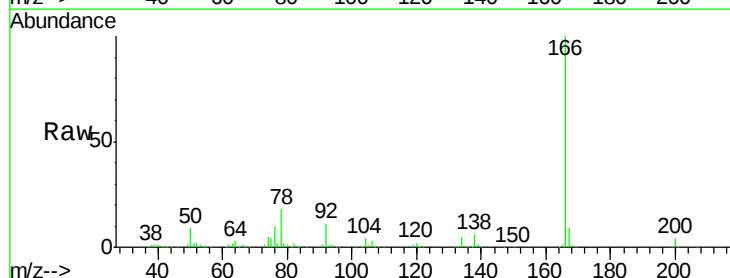
Tgt Ion: 165 Resp: 4827

Ion Ratio Lower Upper

165 100

89 0.0 52.1 78.1#

121 35.5 17.3 25.9#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E

