

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070316\  
 Data File : BM006247.D  
 Acq On : 03 Jul 2016 22:47  
 Operator : UM/SJ  
 Sample : H3797-08RE  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jul 04 01:56:08 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM070216.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 04 01:54:46 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 262190   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.43 | 136  | 1228066  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.30 | 164  | 724207   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.04 | 188  | 1620447  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.24 | 240  | 1526495  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.45 | 264  | 1269589  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.16  | 96  | 19495   | 3.18  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.82  | 99  | 899254  | 36.63 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.98  | 67  | 579381  | 40.00 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.18  | 132 | 682825  | 36.34 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.35  | 113 | 743949  | 37.44 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.80  | 128 | 364021  | 37.20 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.52  | 143 | 412757  | 37.21 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.05 | 165 | 694560  | 34.56 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.57 | 131 | 1030733 | 49.35 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.71 | 166 | 2279316 | 37.71 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.99 | 160 | 2805031 | 37.49 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.51 | 143 | 391019  | 34.14 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.29 | 176 | 1894394 | 36.36 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 306329  | 32.26 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.14 | 188 | 2823866 | 36.52 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.44 | 212 | 3034544 | 41.69 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.31 | 264 | 2344473 | 39.75 | ng/ul | 0.00 |

## Target Compounds

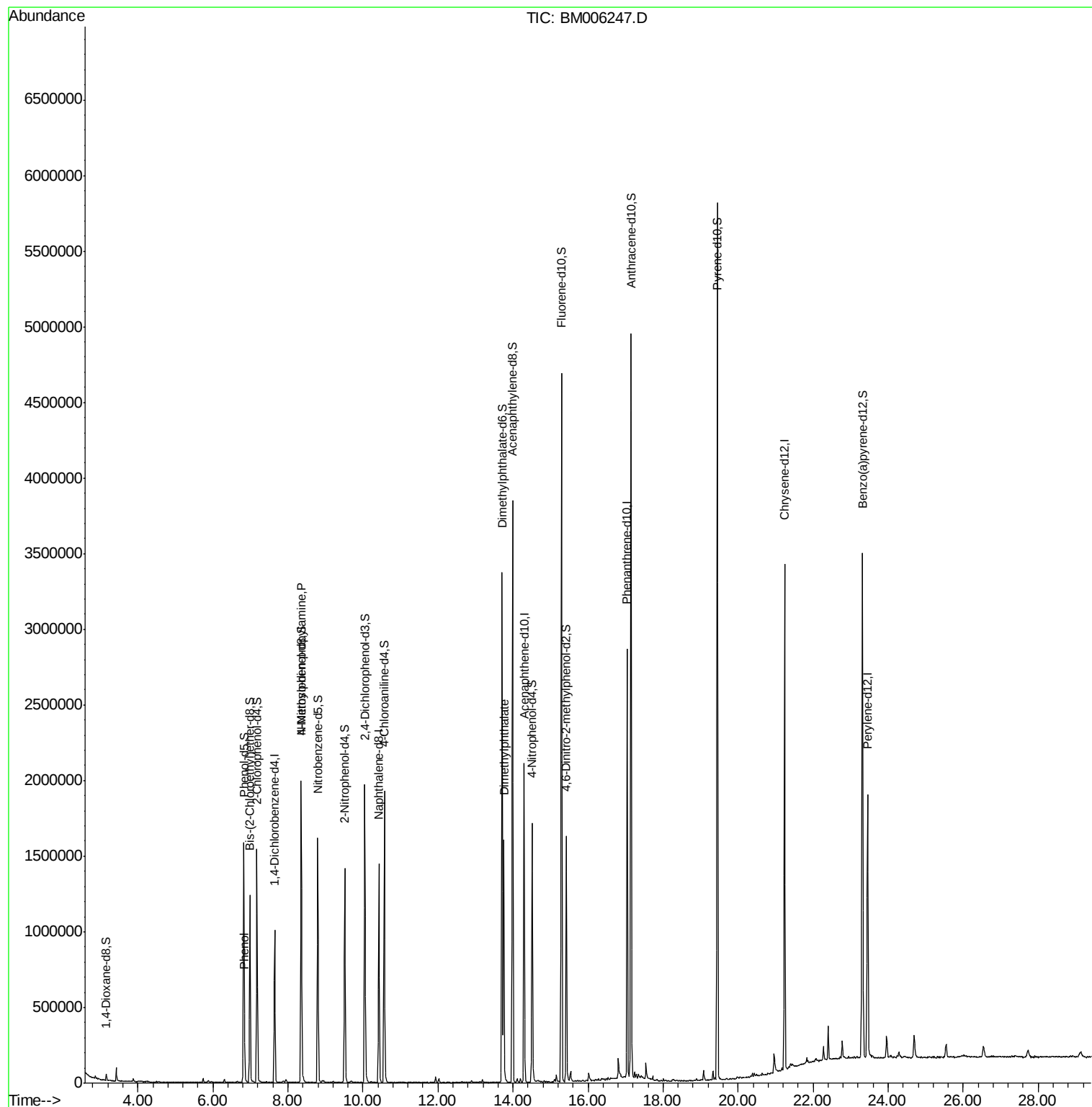
|                                |       |     |        |       |        | Ovalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 6) Phenol                      | 6.85  | 94  | 62228  | 2.44  | ng/ul  | 98     |
| 15) N-Nitroso-di-n-propylamine | 8.35  | 70  | 20593  | 1.19  | ng/ul# | 1      |
| 44) Dimethylphthalate          | 13.76 | 163 | 994749 | 16.37 | ng/ul  | 99     |

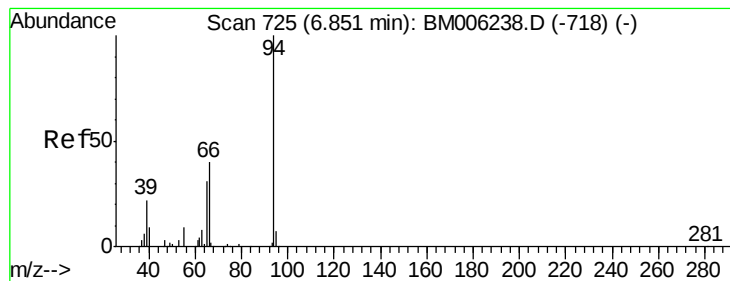
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.44 ng/ul

RT: 6.85 min Scan# 724

Delta R.T. -0.01 min

Lab File: BM006247.D

Acq: 03 Jul 2016 22:47

Instrument :

BNA\_M

ClientSampleId :

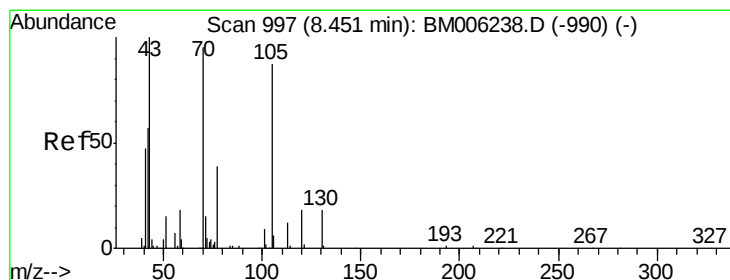
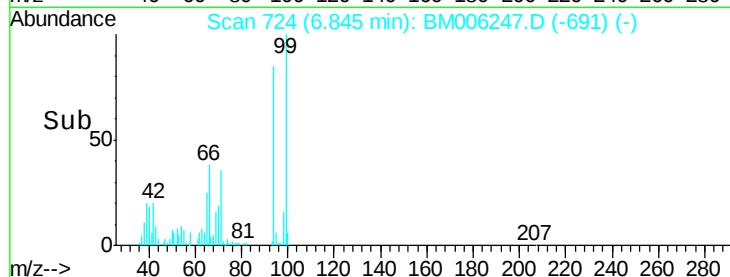
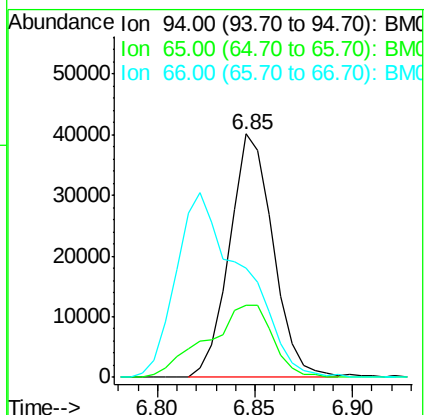
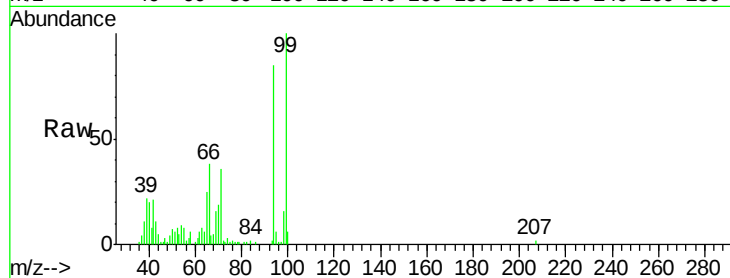
Tot Ion: 94 Resp: 62228

Ion Ratio Lower Upper

94 100

65 29.8 25.8 38.8

66 44.6 35.7 53.5



#15

N-Nitroso-di-n-propylamine

Concen: 1.19 ng/ul

RT: 8.35 min Scan# 980

Delta R.T. -0.10 min

Lab File: BM006247.D

Acq: 03 Jul 2016 22:47

Tgt Ion: 70 Resp: 20593

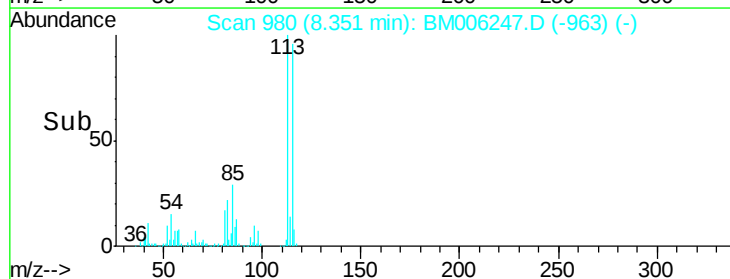
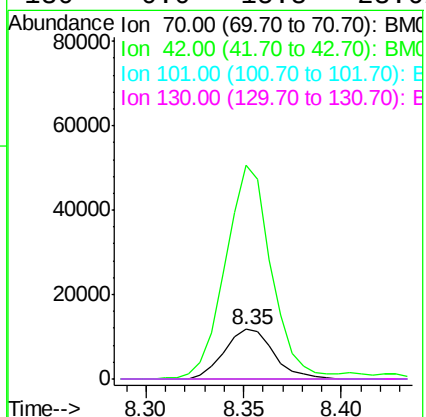
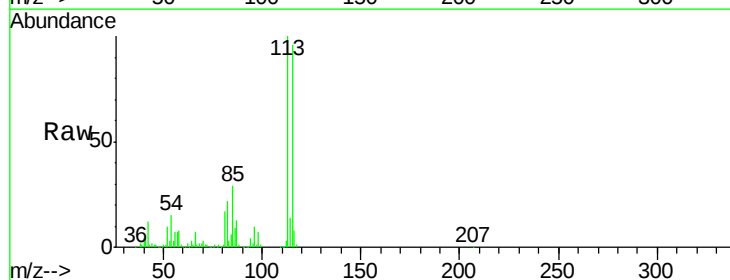
Ion Ratio Lower Upper

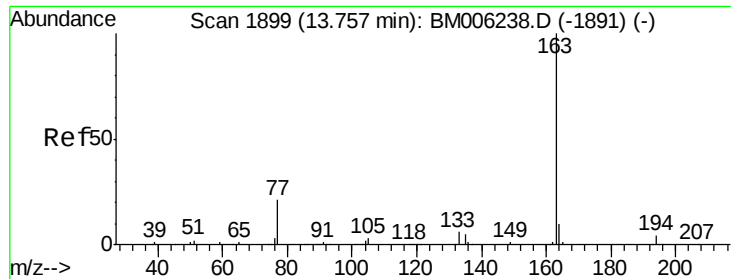
70 100

42 432.3 50.6 75.8#

101 0.0 7.9 11.9#

130 0.0 15.8 23.6#

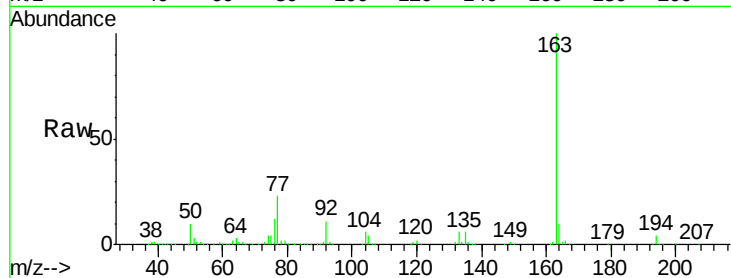




#44  
 Dimethylphthalate  
 Concen: 16.37 ng/ul  
 RT: 13.76 min Scan# 1899  
 Delta R.T. 0.00 min  
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Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.0   | 3.4   | 5.0   |
| 164     | 10.2  | 7.8   | 11.8  |



Abundance Ion 163.00 (162.70 to 163.70): E  
 Ion 194.00 (193.70 to 194.70): E  
 Ion 164.00 (163.70 to 164.70): E

