

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070916\  
 Data File : BM006375.D  
 Acq On : 09 Jul 2016 13:03  
 Operator : UM/SJ  
 Sample : H3861-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jul 11 04:32:09 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM070216.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 11 04:31:23 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 130679   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.41 | 136  | 546906   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.28 | 164  | 327861   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.03 | 188  | 765017   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.23 | 240  | 879581   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.44 | 264  | 925292   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.15  | 96  | 10055   | 3.29  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.81  | 99  | 466877  | 38.16 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.97  | 67  | 289695  | 40.13 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.17  | 132 | 372086  | 39.73 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.34  | 113 | 381768  | 38.55 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.79  | 128 | 187346  | 42.99 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.50  | 143 | 209153  | 42.34 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.04 | 165 | 372089  | 41.57 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.56 | 131 | 512314  | 55.08 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.70 | 166 | 1228868 | 44.91 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.97 | 160 | 1487075 | 43.90 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.50 | 143 | 225318  | 43.45 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.28 | 176 | 1038508 | 44.03 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.41 | 200 | 175623  | 39.18 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.13 | 188 | 1612806 | 44.19 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.43 | 212 | 1853571 | 44.19 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.30 | 264 | 1994676 | 46.40 | ng/ul | 0.00 |

## Target Compounds

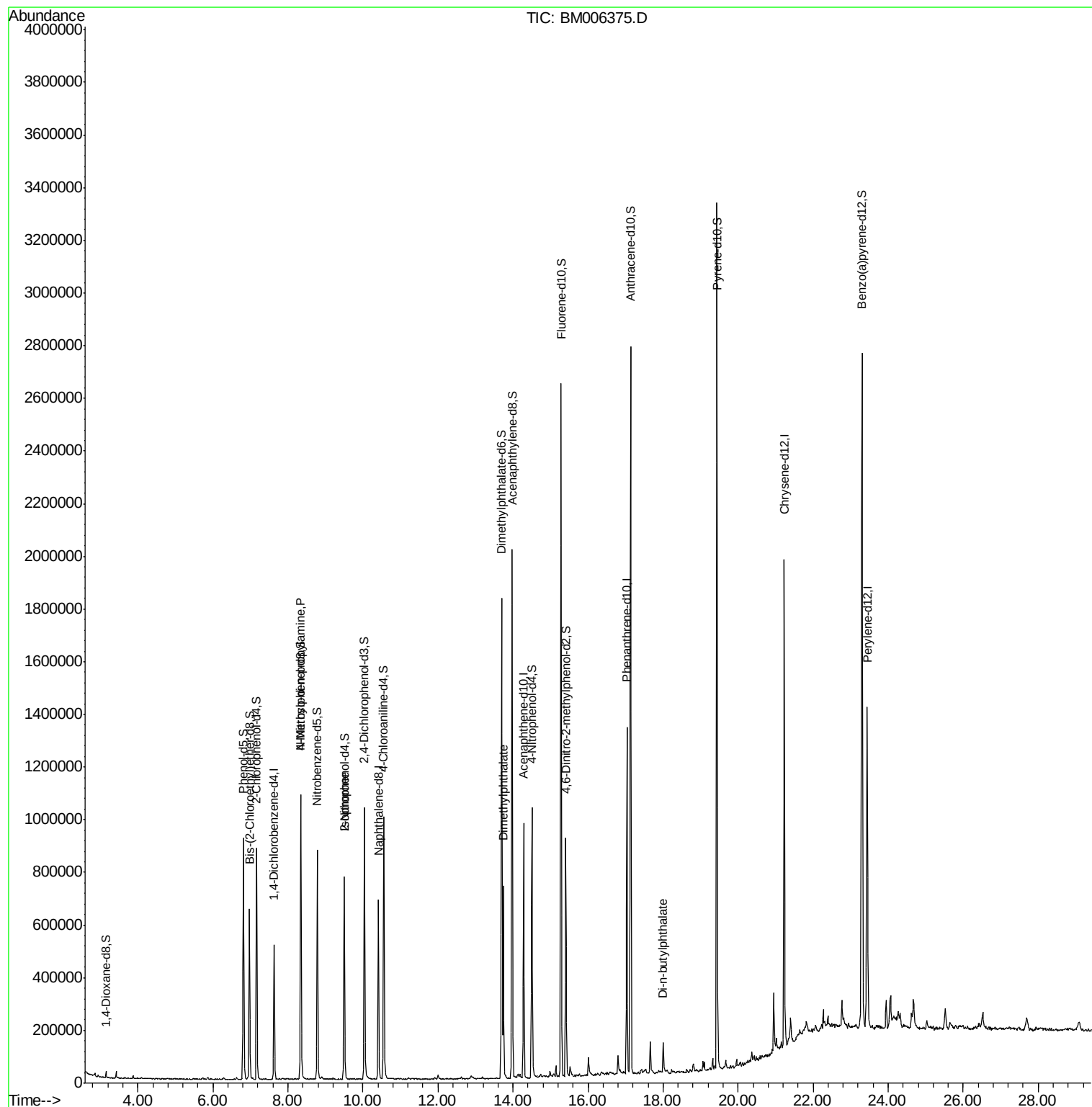
|                                |       |     |        |       | Ovalue |     |
|--------------------------------|-------|-----|--------|-------|--------|-----|
| 15) N-Nitroso-di-n-propylamine | 8.34  | 70  | 11461  | 1.33  | ng/ul# | 1   |
| 21) Isophorone                 | 9.50  | 82  | 22898  | 1.06  | ng/ul# | 74  |
| 44) Dimethylphthalate          | 13.74 | 163 | 437089 | 15.89 | ng/ul  | 100 |
| 73) Di-n-butylphthalate        | 18.01 | 149 | 104488 | 2.06  | ng/ul  | 99  |

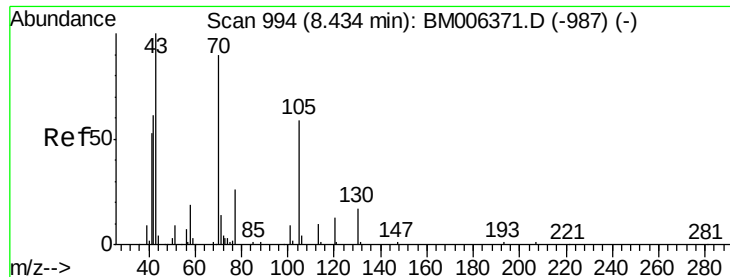
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 11 04:31:23 2016  
Response via : Initial Calibration





#15

N-Nitroso-di-n-propylamine

Concen: 1.33 ng/ul

RT: 8.34 min Scan# 978

Delta R.T. -0.09 min

Lab File: BM006375.D

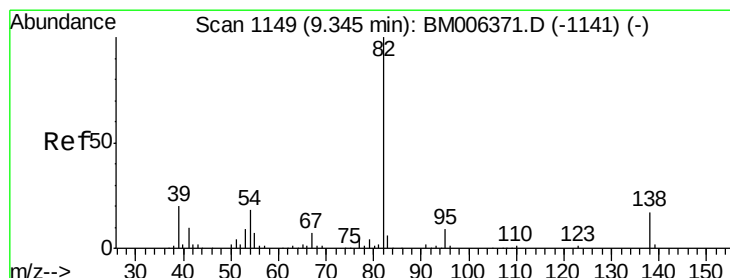
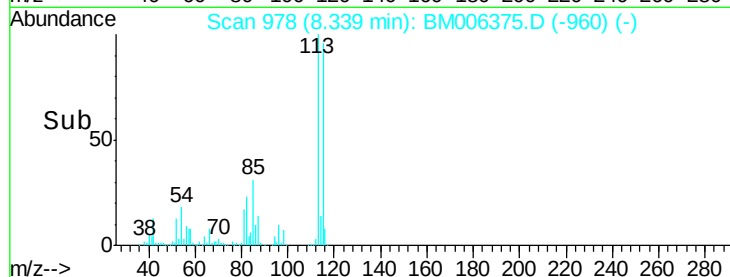
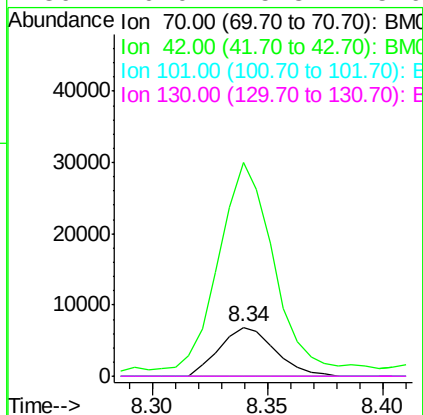
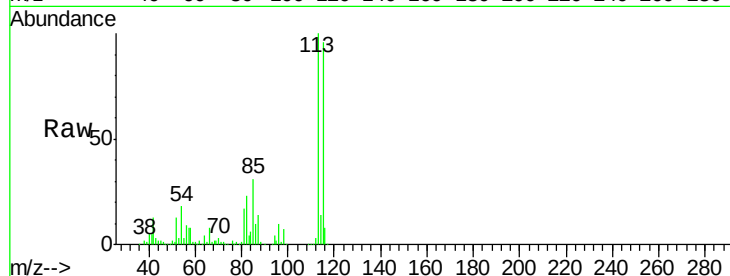
Acq: 09 Jul 2016 13:03

Instrument :

BNA\_M

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 11461 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 437.5 | 50.6  | 75.8# |
| 101      | 0.0   | 7.9   | 11.9# |
| 130      | 0.0   | 15.8  | 23.6# |



#21

Isophorone

Concen: 1.06 ng/ul

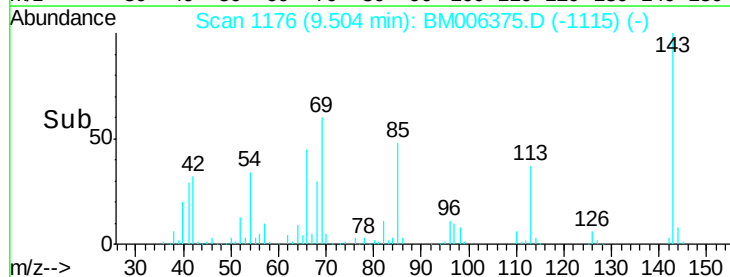
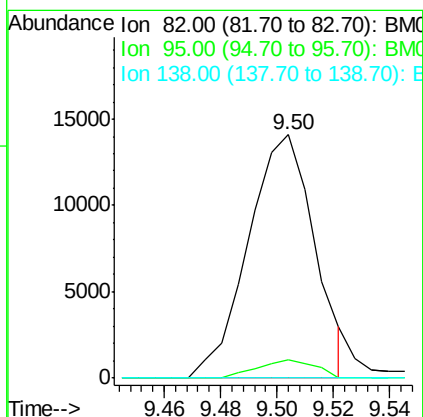
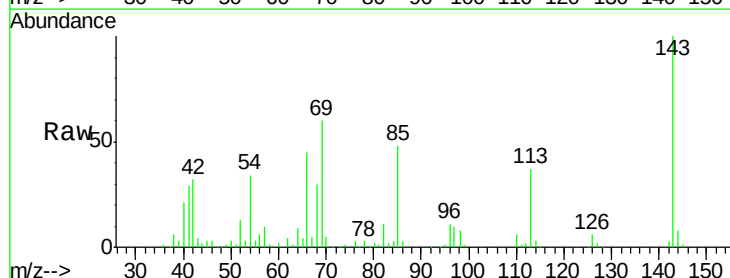
RT: 9.50 min Scan# 1176

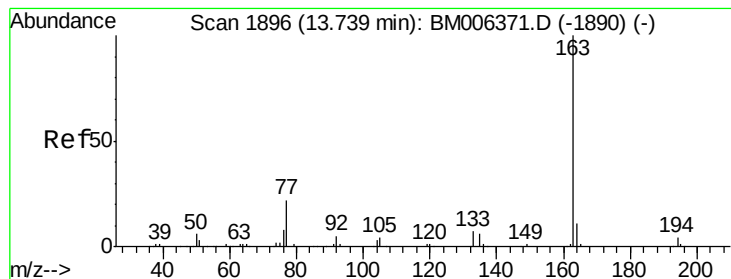
Delta R.T. 0.16 min

Lab File: BM006375.D

Acq: 09 Jul 2016 13:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 22898 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 95       | 7.5   | 6.0   | 9.0   |
| 138      | 0.0   | 13.0  | 19.4# |





#44

Dimethylphthalate

Concen: 15.89 ng/ul

RT: 13.74 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BM006375.D

Acq: 09 Jul 2016 13:03

Instrument :

BNA\_M

ClientSampleId :

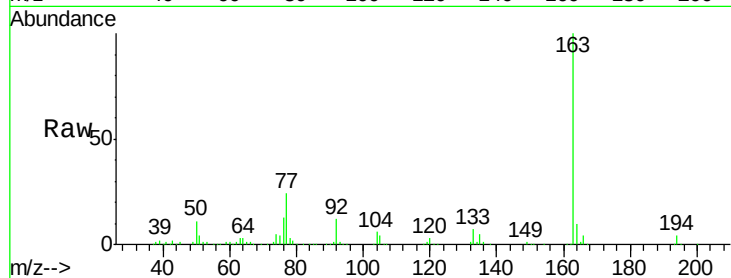
Tot Ion:163 Resp: 437089

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

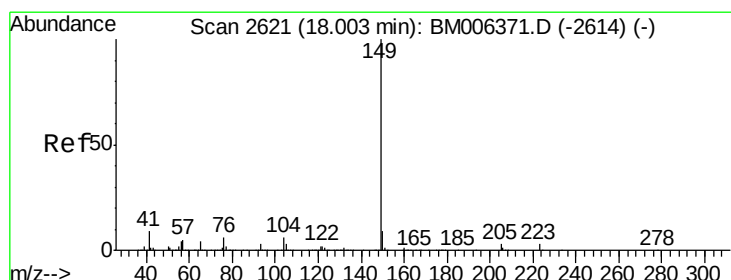
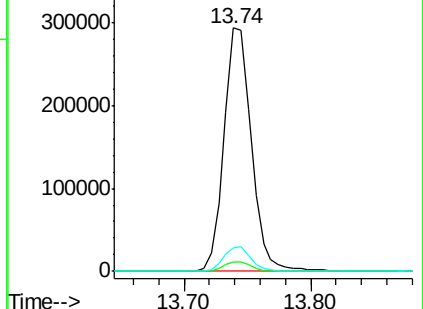
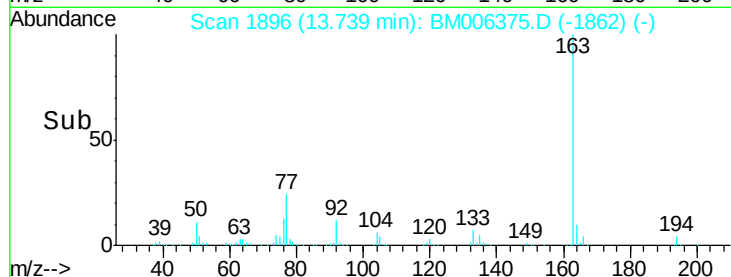
164 9.9 7.8 11.8



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



#73

Di-n-butylphthalate

Concen: 2.06 ng/ul

RT: 18.01 min Scan# 2622

Delta R.T. 0.01 min

Lab File: BM006375.D

Acq: 09 Jul 2016 13:03

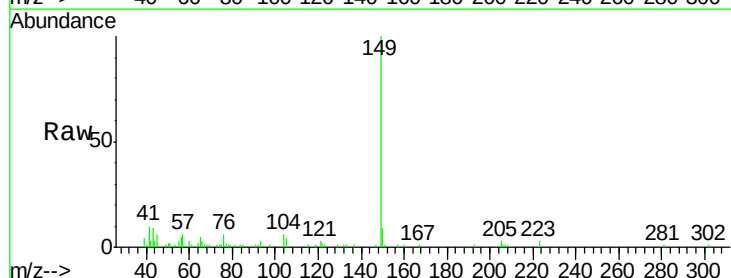
Tgt Ion:149 Resp: 104488

Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

104 6.0 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

