

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\  
 Data File : BM002111.D  
 Acq On : 29 Jul 2015 02:15  
 Operator : TP/UM  
 Sample : G3030-08  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C01N0

Manual Integrations  
 APPROVED

apatel  
 7/30/2015 7:48:03 AM

Quant Time: Jul 29 07:41:25 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 29 01:50:38 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.60  | 152  | 55926    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.39 | 136  | 208776   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.26 | 164  | 119677m  | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.03 | 188  | 207371m  | 20.00 | ng/ul | 0.02     |
| 78) Chrysene-d12          | 21.30 | 240  | 335088   | 20.00 | ng/ul | 0.10     |
| 86) Perylene-d12          | 23.43 | 264  | 318226   | 20.00 | ng/ul | 0.03     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.07  | 96  | 2134    | 1.97  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.78  | 99  | 55749   | 13.94 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.93  | 67  | 36078   | 16.32 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.13  | 132 | 46955   | 13.86 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.31  | 113 | 48669   | 15.31 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.76  | 128 | 23998   | 16.17 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.47  | 143 | 26811   | 16.26 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.02 | 165 | 49729   | 15.66 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 0.00  | 131 | 0       | 0.00  | ng/ul |      |
| 44) Dimethylphthalate-d6       | 13.68 | 166 | 140793  | 16.06 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.95 | 160 | 151285  | 13.80 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.50 | 143 | 3487    | 2.38  | ng/ul | 0.03 |
| 58) Fluorene-d10               | 15.27 | 176 | 125490m | 16.27 | ng/ul | 0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 134     | 0.11  | ng/ul | 0.01 |
| 71) Anthracene-d10             | 17.12 | 188 | 233489  | 25.22 | ng/ul | 0.01 |
| 79) Pyrene-d10                 | 19.46 | 212 | 69803m  | 4.95  | ng/ul | 0.05 |
| 90) Benzo(a)pyrene-d12         | 23.29 | 264 | 213285  | 13.83 | ng/ul | 0.03 |

## Target Compounds

|                       |       |     |       |             | Ovalue |
|-----------------------|-------|-----|-------|-------------|--------|
| 6) Phenol             | 6.80  | 94  | 4752  | 1.16 ng/ul# | 90     |
| 14) Acetophenone      | 8.42  | 105 | 5971  | 1.19 ng/ul# | 95     |
| 16) 4-Methylphenol    | 8.37  | 108 | 18810 | 5.66 ng/ul  | 87     |
| 45) Dimethylphthalate | 13.73 | 163 | 70887 | 8.10 ng/ul  | 97     |

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

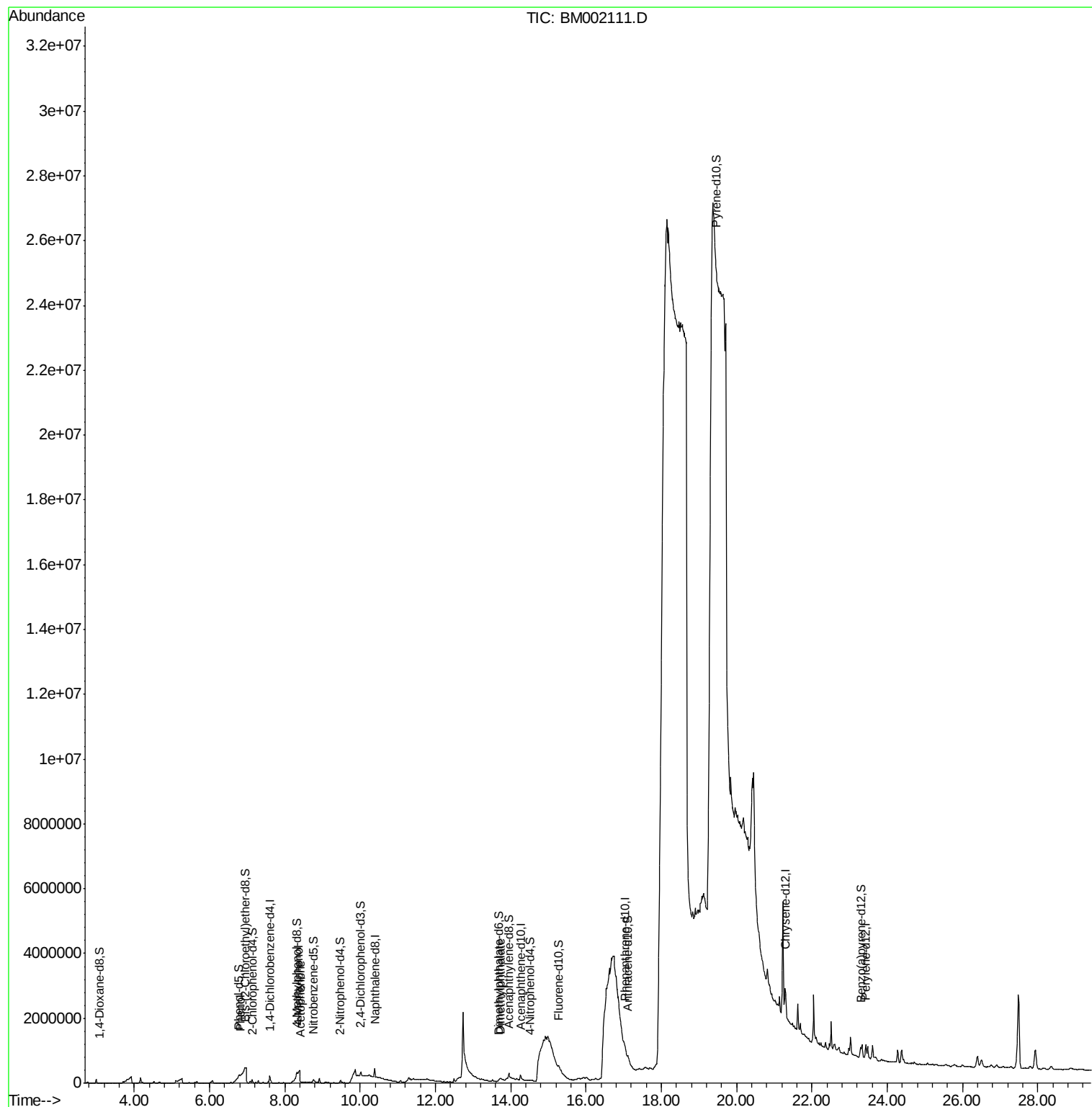
Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\  
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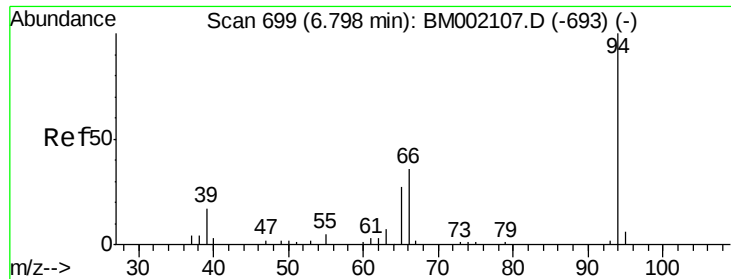
Instrument :  
BNA\_M  
ClientSampleId :  
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Response via : Initial Calibration





#6

Phenol

Concen: 1.16 ng/ul

RT: 6.80 min Scan# 700

Delta R.T. 0.01 min

Lab File: BM002111.D

Acq: 29 Jul 2015 02:15

Instrument :

BNA\_M

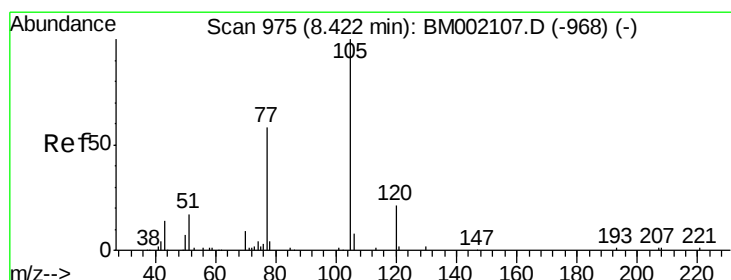
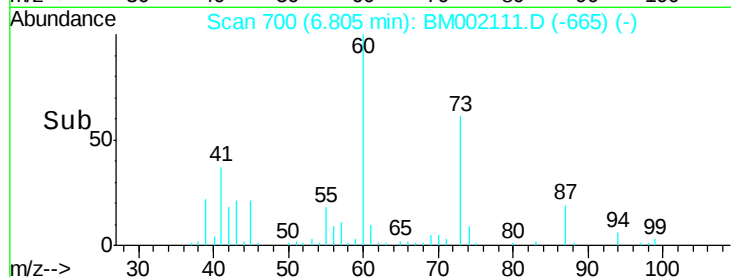
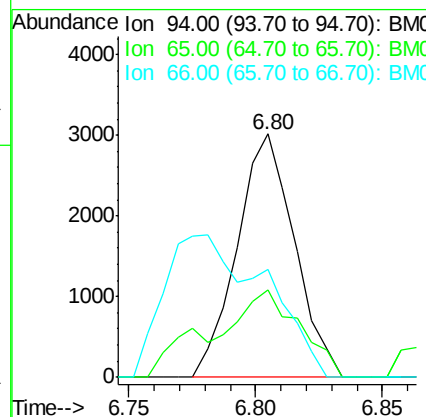
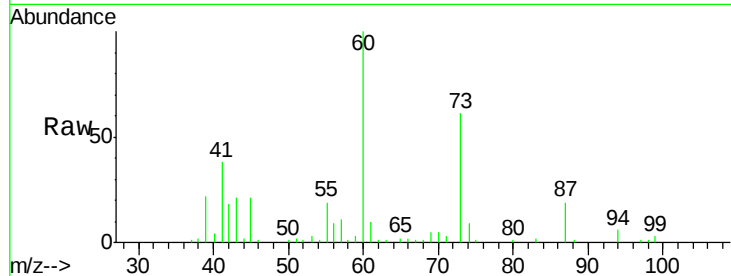
ClientSampled :

C01N0

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 94    | Resp: | 4752  |
| Ion Ratio | Lower | Upper |       |
| 94        | 100   |       |       |
| 65        | 35.8  | 21.8  | 32.8# |
| 66        | 44.1  | 32.3  | 48.5  |

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#14

Acetophenone

Concen: 1.19 ng/ul

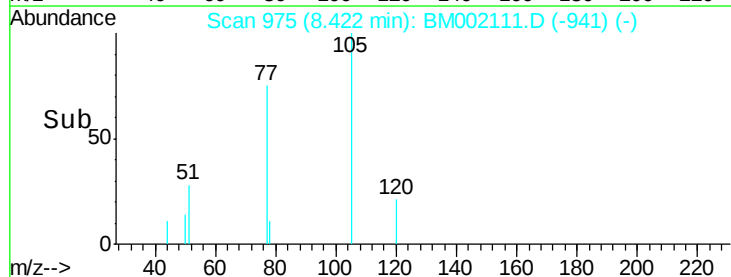
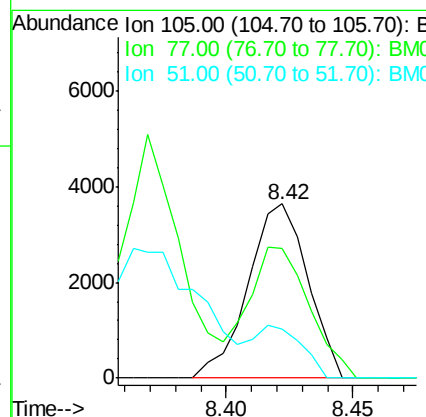
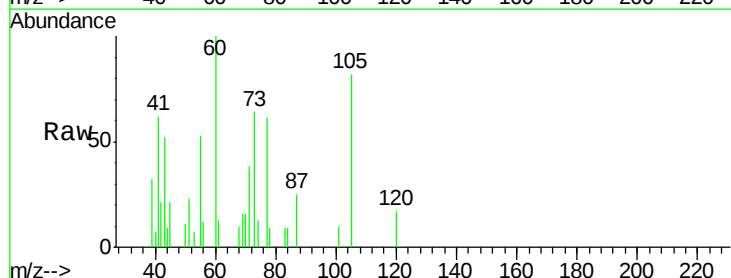
RT: 8.42 min Scan# 975

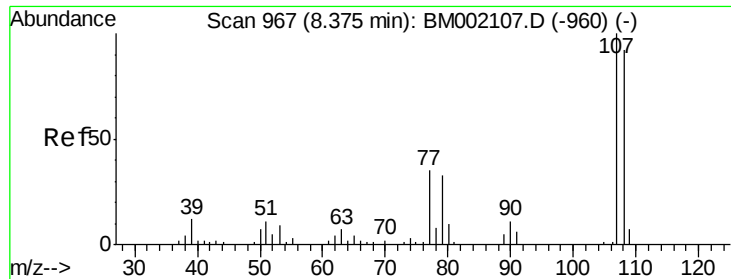
Delta R.T. 0.00 min

Lab File: BM002111.D

Acq: 29 Jul 2015 02:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 5971  |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 77        | 74.6  | 61.8  | 92.8  |
| 51        | 28.3  | 18.5  | 27.7# |





#16

4-Methylphenol

Concen: 5.66 ng/ul

RT: 8.37 min Scan# 966

Delta R.T. -0.01 min

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Instrument :

BNA\_M

ClientSampleId :

C01N0

Tot Ion:108 Resp: 18810

Ion Ratio Lower Upper

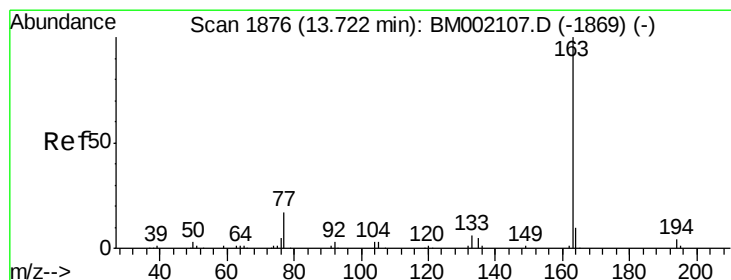
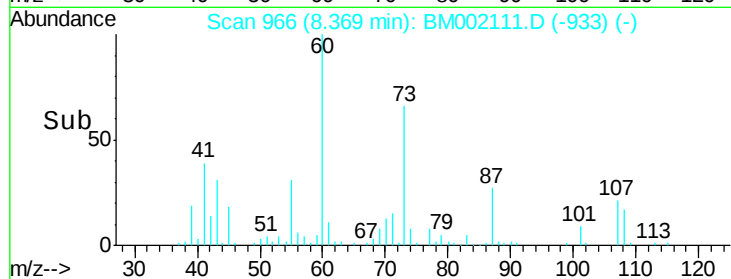
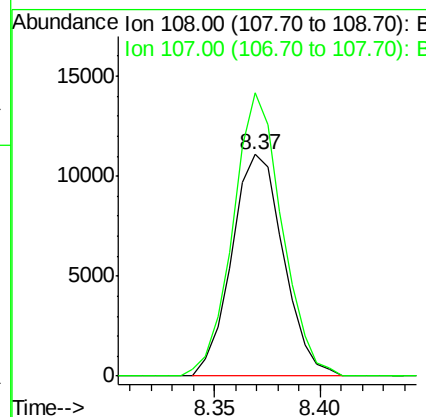
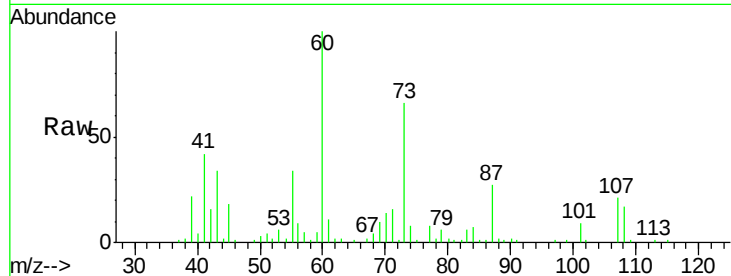
108 100

107 127.9 91.2 136.8

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#45

Dimethylphthalate

Concen: 8.10 ng/ul

RT: 13.73 min Scan# 1877

Delta R.T. 0.01 min

Lab File: BM002111.D

Acq: 29 Jul 2015 02:15

Tgt Ion:163 Resp: 70887

Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

164 8.9 8.0 12.0

