

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100317\  
 Data File : BM011881.D  
 Acq On : 04 Oct 2017 09:17  
 Operator : SJ/JU  
 Sample : I5354-10  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B0BA4

Quant Time: Oct 04 12:35:57 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 04 05:30:09 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.87  | 152  | 212379   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.67 | 136  | 949675   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.52 | 164  | 624015   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.26 | 188  | 1536424  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.43 | 240  | 1901353  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.75 | 264  | 1826574  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.29  | 96  | 25091   | 5.59  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.03  | 99  | 450230  | 24.64 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.20  | 67  | 277896  | 25.70 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.40  | 132 | 381559  | 26.03 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.57  | 113 | 405111  | 25.65 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.04  | 128 | 183299  | 27.10 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.76  | 143 | 202436  | 26.57 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.30 | 165 | 412896  | 26.82 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.82 | 131 | 449435  | 26.76 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.92 | 166 | 1445424 | 26.73 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.21 | 160 | 1716359 | 27.01 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.71 | 143 | 176568  | 18.69 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.50 | 176 | 1256598 | 26.33 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.63 | 200 | 197945  | 19.15 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.36 | 188 | 2058929 | 27.20 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.64 | 212 | 2558397 | 29.83 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.60 | 264 | 2447928 | 27.86 | ng/ul | 0.00 |

## Target Compounds

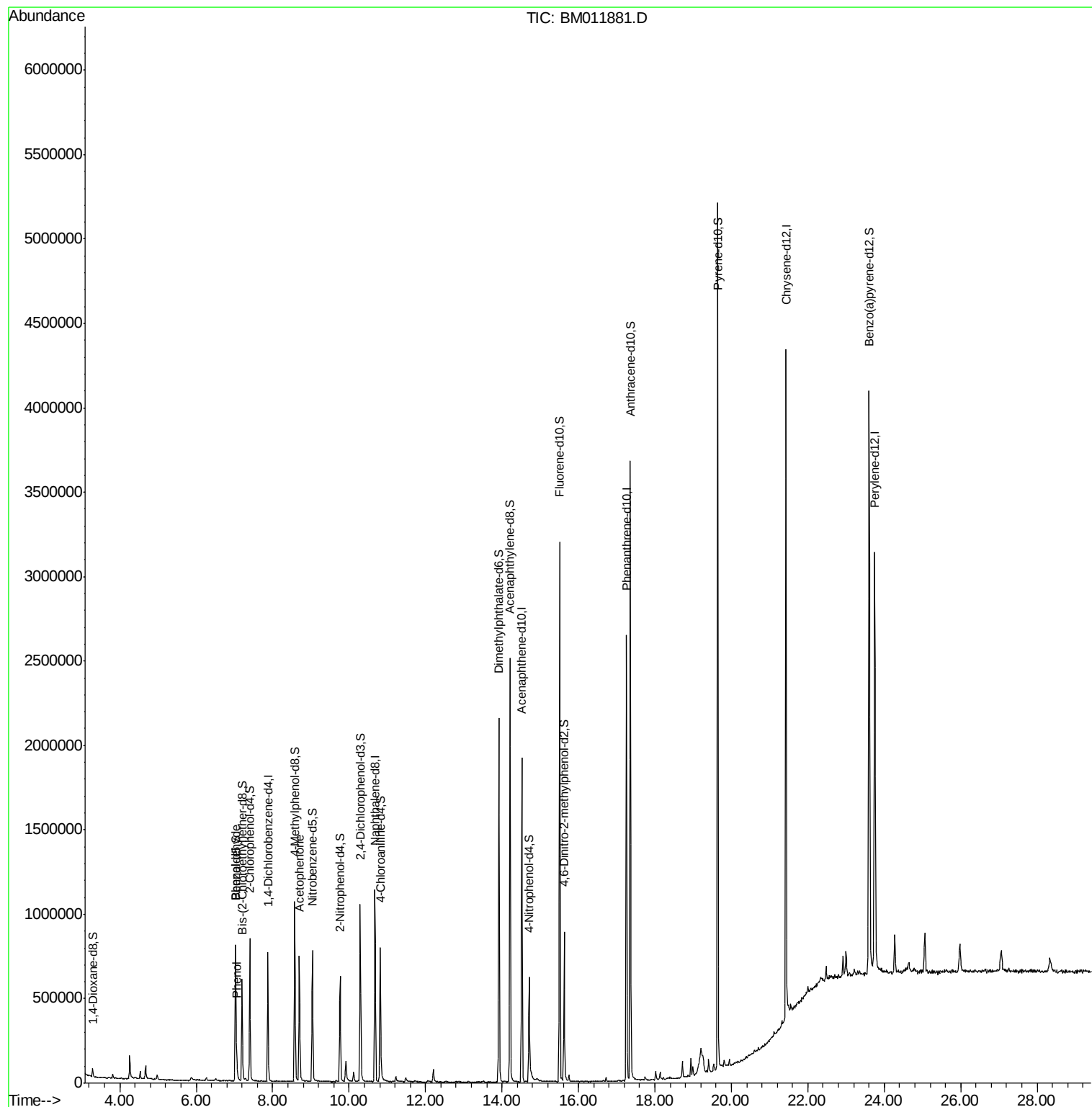
|                  |      |     |        |              | Ovalue |
|------------------|------|-----|--------|--------------|--------|
| 4) Benzaldehyde  | 7.02 | 77  | 12808  | 1.407 ng/ul  | 95     |
| 6) Phenol        | 7.06 | 94  | 64387  | 3.561 ng/ul  | 89     |
| 14) Acetophenone | 8.70 | 105 | 396800 | 17.168 ng/ul | 91     |

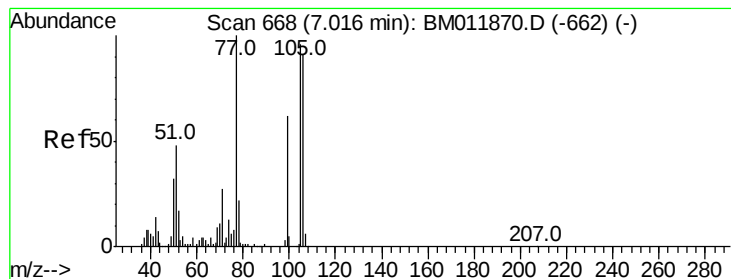
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.407 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. 0.01 min

Lab File: BM011881.D

Acq: 04 Oct 2017 09:17

Instrument :

BNA\_M

ClientSampleId :

B0BA4

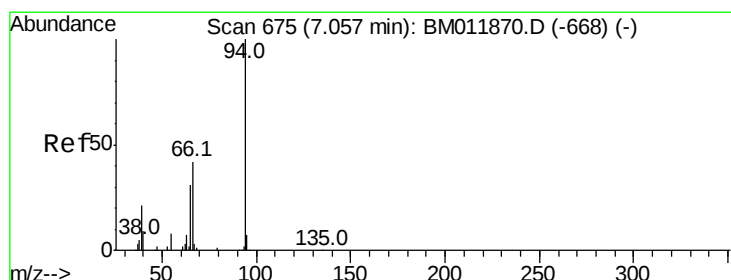
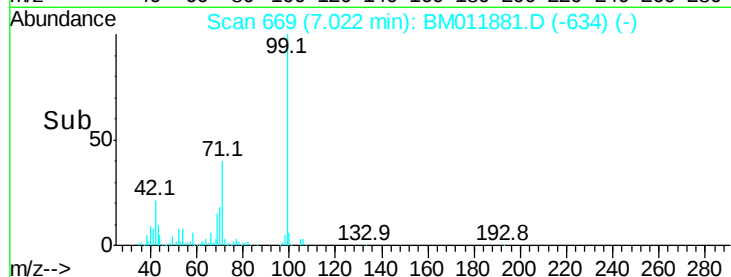
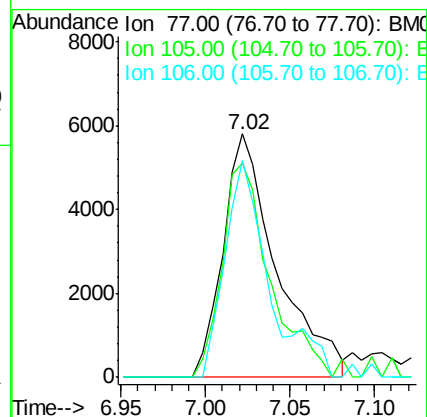
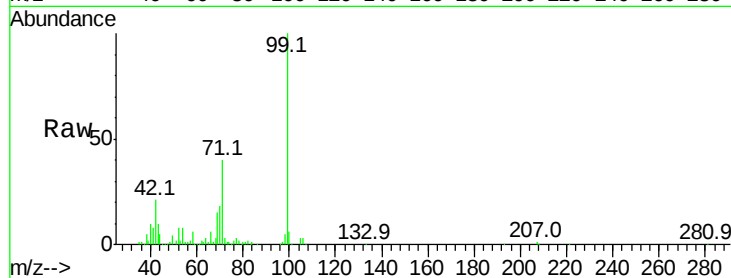
Tot Ion: 77 Resp: 12808

Ion Ratio Lower Upper

77 100

105 88.0 66.1 99.1

106 89.2 67.8 101.6



#6

Phenol

Concen: 3.561 ng/ul

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BM011881.D

Acq: 04 Oct 2017 09:17

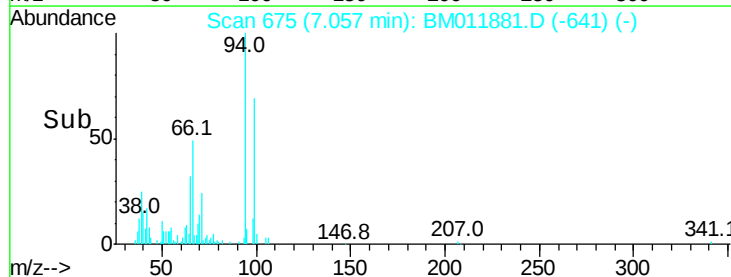
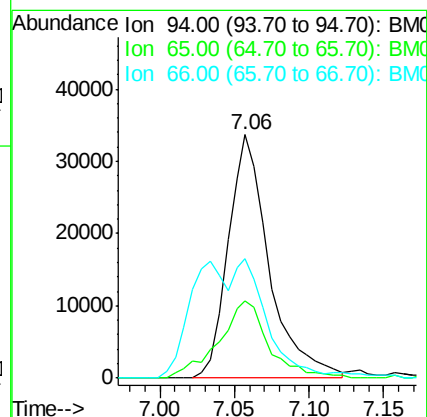
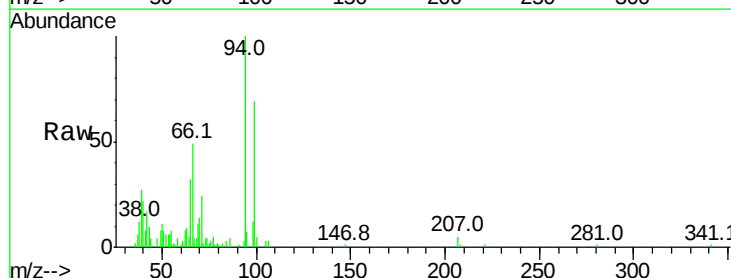
Tgt Ion: 94 Resp: 64387

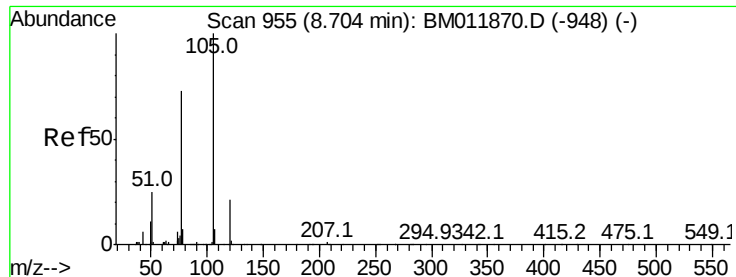
Ion Ratio Lower Upper

94 100

65 31.6 28.2 42.4

66 49.1 47.2 70.8





#14

Acetophenone

Concen: 17.168 ng/ul

RT: 8.70 min Scan# 954

Delta R.T. -0.01 min

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Instrument :

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Tot Ion:105 Resp: 396800

Ion Ratio Lower Upper

105 100

77 81.9 74.2 111.4

51 27.7 23.4 35.2

