

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\  
 Data File : BM017105.D  
 Acq On : 10 Oct 2018 19:57  
 Operator : MJ/SJ  
 Sample : J5234-05  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AL4

Quant Time: Oct 11 04:41:34 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM100418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 11 04:38:36 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.69  | 152  | 284882   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.47 | 136  | 1325119  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.33 | 164  | 747144   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.08 | 188  | 1710214  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.27 | 240  | 1609697  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.49 | 264  | 1311286  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.25  | 96  | 13836   | 2.41  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.87  | 99  | 395189  | 16.59 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.03  | 67  | 246903  | 17.10 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.23  | 132 | 360234  | 18.19 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.39  | 113 | 351668  | 18.85 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.85  | 128 | 174328  | 18.00 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.56  | 143 | 180927  | 18.36 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.09 | 165 | 373691  | 18.43 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.61 | 131 | 453451  | 18.62 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.75 | 166 | 1152400 | 19.44 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.02 | 160 | 1478140 | 19.51 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.54 | 143 | 86488   | 7.72  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.33 | 176 | 1058978 | 20.06 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 58901   | 5.84  | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.18 | 188 | 1551968 | 19.00 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.47 | 212 | 1756404 | 24.19 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.35 | 264 | 1341779 | 19.99 | ng/ul | 0.00 |

## Target Compounds

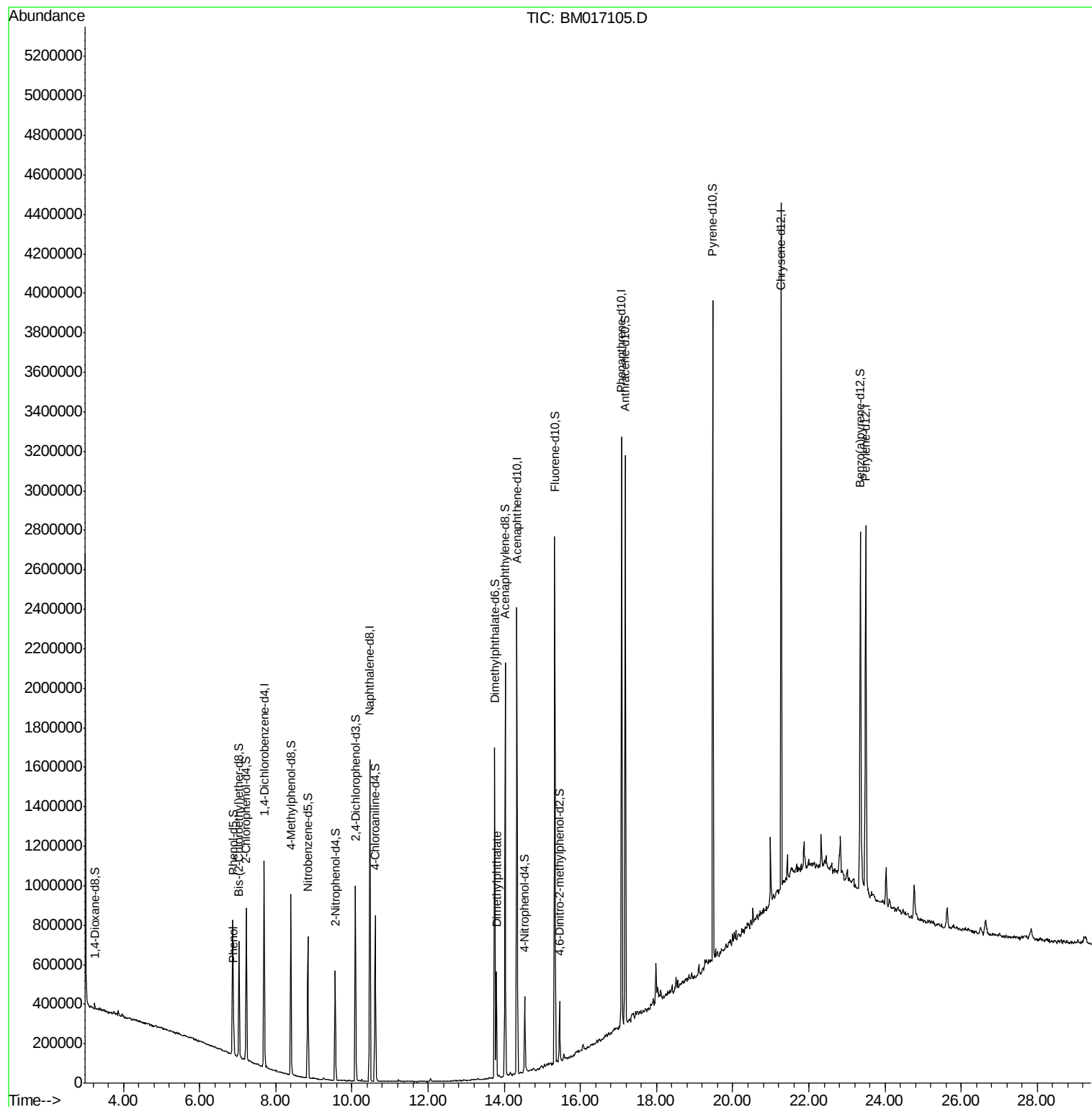
|                       |       |     |        | Ovalue |           |
|-----------------------|-------|-----|--------|--------|-----------|
| 6) Phenol             | 6.89  | 94  | 77957  | 3.272  | ng/ul 97  |
| 45) Dimethylphthalate | 13.79 | 163 | 331490 | 5.647  | ng/ul 100 |

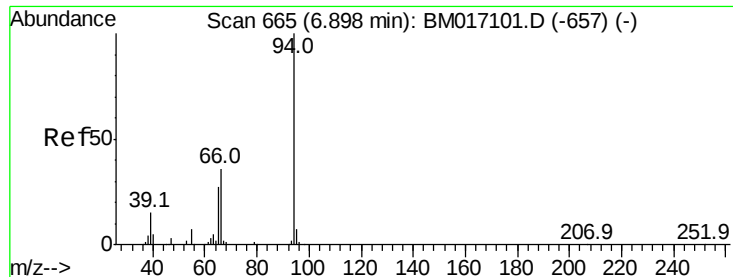
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.272 ng/ul

RT: 6.89 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM017105.D

Acq: 10 Oct 2018 19:57

Instrument :

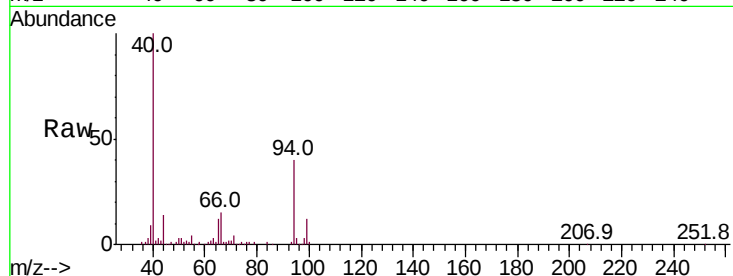
BNA\_M

ClientSampleId :

C0AL4

Tot Ion: 94 Resp: 77957

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 30.2  | 22.8  | 34.2  |
| 66  | 39.0  | 29.5  | 44.3  |

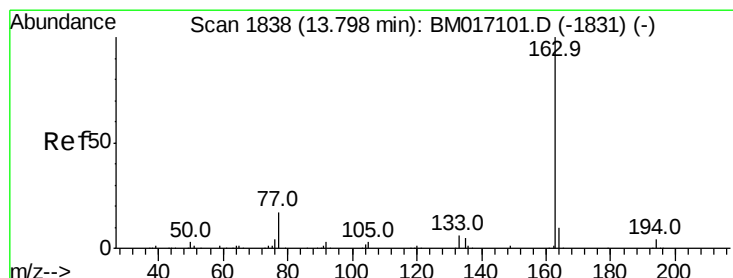
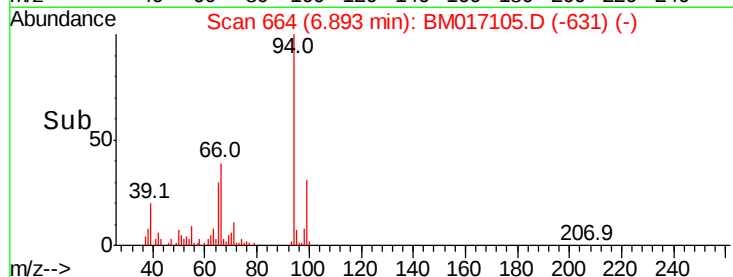
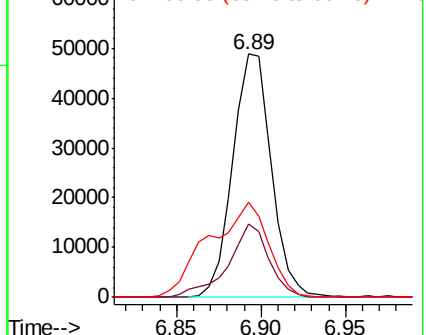


Abundance

Ion 94.00 (93.70 to 94.70): BM017101.D (-657) (-)

Ion 65.00 (64.70 to 65.70): BM017101.D (-657) (-)

Ion 66.00 (65.70 to 66.70): BM017101.D (-657) (-)



#45

Dimethylphthalate

Concen: 5.647 ng/ul

RT: 13.79 min Scan# 1837

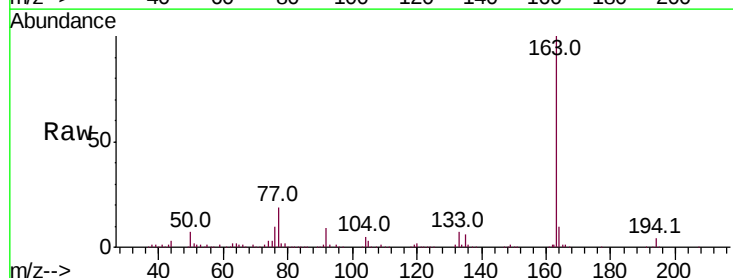
Delta R.T. -0.01 min

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Acq: 10 Oct 2018 19:57

Tgt Ion: 163 Resp: 331490

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.2   | 3.3   | 4.9   |
| 164 | 10.1  | 8.0   | 12.0  |



Abundance

Ion 163.00 (162.70 to 163.70): BM017101.D (-1831) (-)

Ion 194.00 (193.70 to 194.70): BM017101.D (-1831) (-)

Ion 164.00 (163.70 to 164.70): BM017101.D (-1831) (-)

