Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072815\
Data File : BM002101.D
Acq On : 28 Jul 2015 19:32
Operator : TP/UM
Sample : G3037-06RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C02M6

Quant Time: Jul 29 00:46:53 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 29 00:46:02 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.60 | 152 | 124281 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.39 | 136 | 533304 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.26 | 164 | 344276 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.01 | 188 | 807207 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.21 | 240 | 987234 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.42 | 264 | 1008956 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.07 | 96 | 3328 | 1.39 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.77 | 99 | 68655 | 7.73 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.94 | 67 | 176368 | 35.90 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.13 | 132 | 222729 | 29.57 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.31 | 113 | 136544 | 19.33 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.76 | 128 | 137688 | 36.32 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.47 | 143 | 158949 | 37.73 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.01 | 165 | 272945 | 33.65 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.53 | 131 | 17420 | 1.95 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.67 | 166 | 868734 | 34.45 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.95 | 160 | 1084243 | 34.39 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.47 | 143 | 29472 | 7.00 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.26 | 176 | 782977 | 35.29 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 161518 | 32.71 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.11 | 188 | 1230029 | 34.14 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.42 | 212 | 1418037 | 34.12 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.28 | 264 | 1602085 | 32.75 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 4) Benzaldehyde | 6.75 | 77 | 11603 | 2.46 | ng/ul | 96 |
| 14) Acetophenone | 8.42 | 105 | 13381 | 1.20 | ng/ul | 92 |

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

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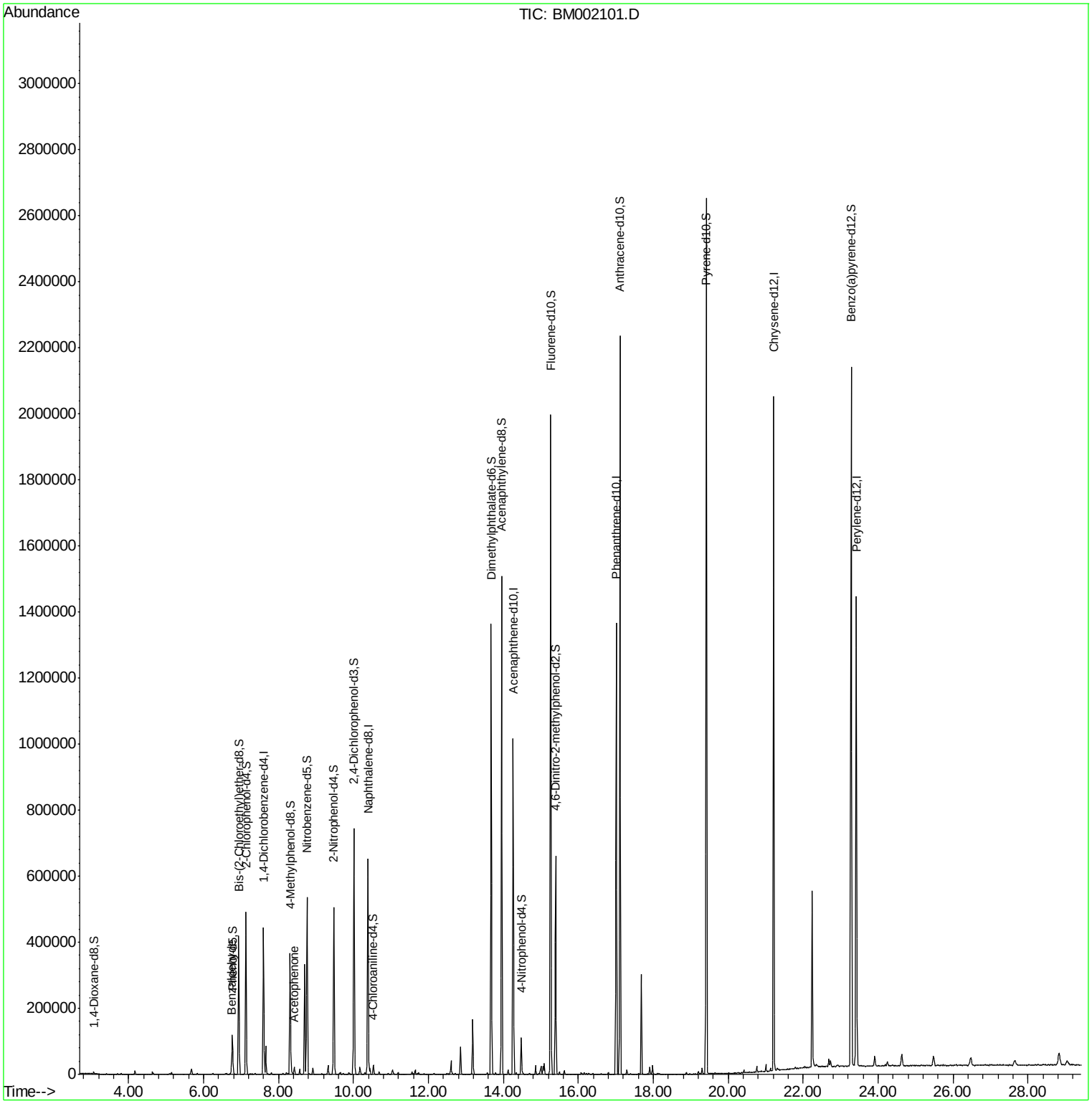
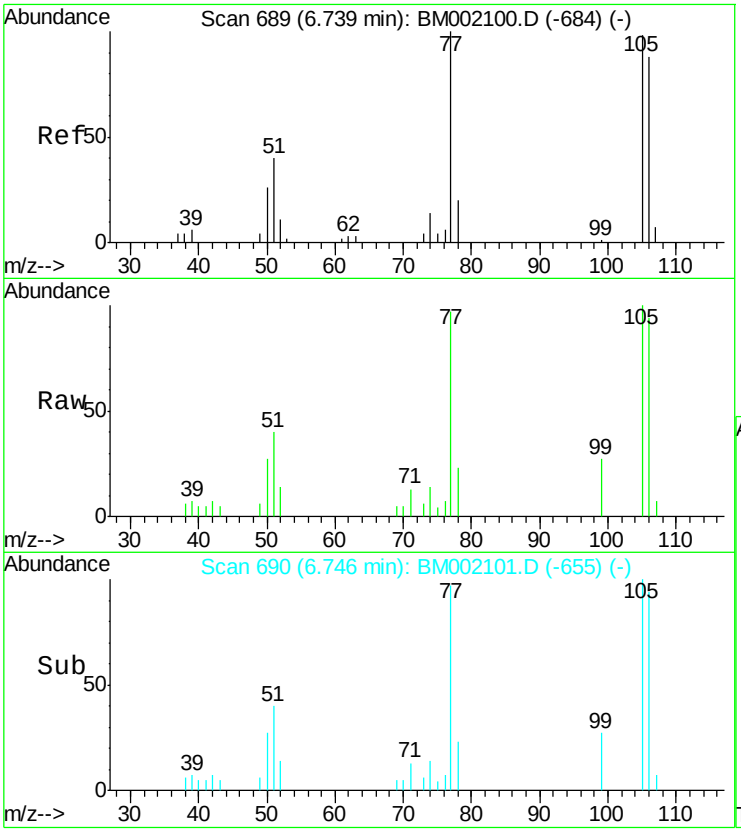


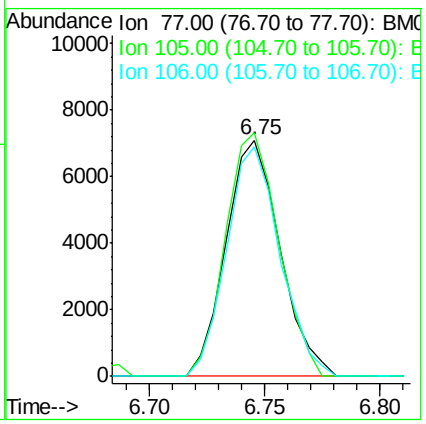


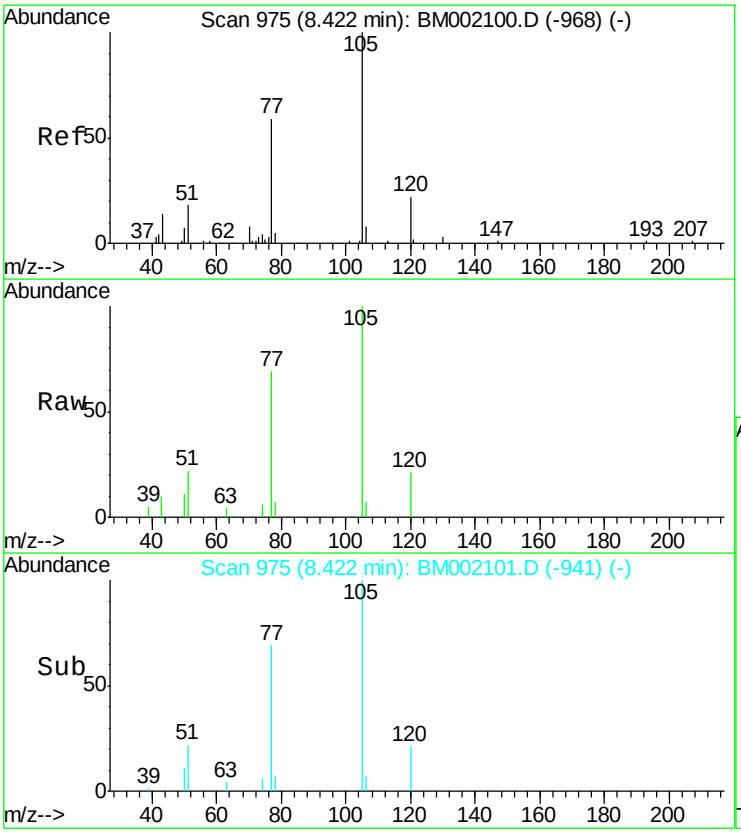

#4
Benzaldehyde
Concen: 2.46 ng/ul
RT: 6.75 min Scan# 690
Delta R.T. 0.01 min
Lab File: BM002101.D
Acq: 28 Jul 2015 19:32

**Instrument :**
BNA_M
**ClientSampleId :**
C02M6

Tgt Ion: 77 Resp: 11603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 102.9 | 78.5 | 117.7 |
| 106 | 96.8 | 74.5 | 111.7 |




#14
Acetophenone
Concen: 1.20 ng/ul
RT: 8.42 min Scan# 975
Delta R.T. 0.00 min
Lab File: BM002101.D
Acq: 28 Jul 2015 19:32

Tgt Ion:105 Resp: 13381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 77 | 68.8 | 61.8 | 92.8 |
| 51 | 21.6 | 18.5 | 27.7 |