Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM100416\
Data File : BM007658.D
Acq On : 04 Oct 2016 16:22
Operator : UM/SJ
Sample : H5033-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** H1A02

Quant Time: Oct 04 16:54:18 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 04 13:03:57 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.77 | 152 | 165261 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.55 | 136 | 794734 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.40 | 164 | 641638 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.14 | 188 | 1453637 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.33 | 240 | 1843501 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.59 | 264 | 1658608 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.30 | 96 | 22352 | 6.65 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.95 | 99 | 492490 | 33.57 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.11 | 67 | 300123 | 38.05 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.30 | 132 | 375995 | 35.30 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.47 | 113 | 439669 | 35.11 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.93 | 128 | 207876 | 36.59 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.65 | 143 | 236505 | 36.64 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.17 | 165 | 445488 | 34.64 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.69 | 131 | 747533 | 55.36 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.82 | 166 | 1773827 | 38.01 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.09 | 160 | 2001410 | 36.95 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.62 | 143 | 245574 | 29.81 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.40 | 176 | 1585196 | 38.73 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 294117 | 33.16 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.24 | 188 | 2673169 | 40.02 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.54 | 212 | 3313766 | 45.30 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.44 | 264 | 2928109 | 39.90 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.97 | 94 | 27669 | 1.86 | ng/ul# | 84 |
| 44) Dimethylphthalate | 13.86 | 163 | 1451925 | 32.07 | ng/ul | 99 |
| 45) 2,6-Dinitrotoluene | 13.86 | 165 | 15320 | 1.71 | ng/ul# | 51 |

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

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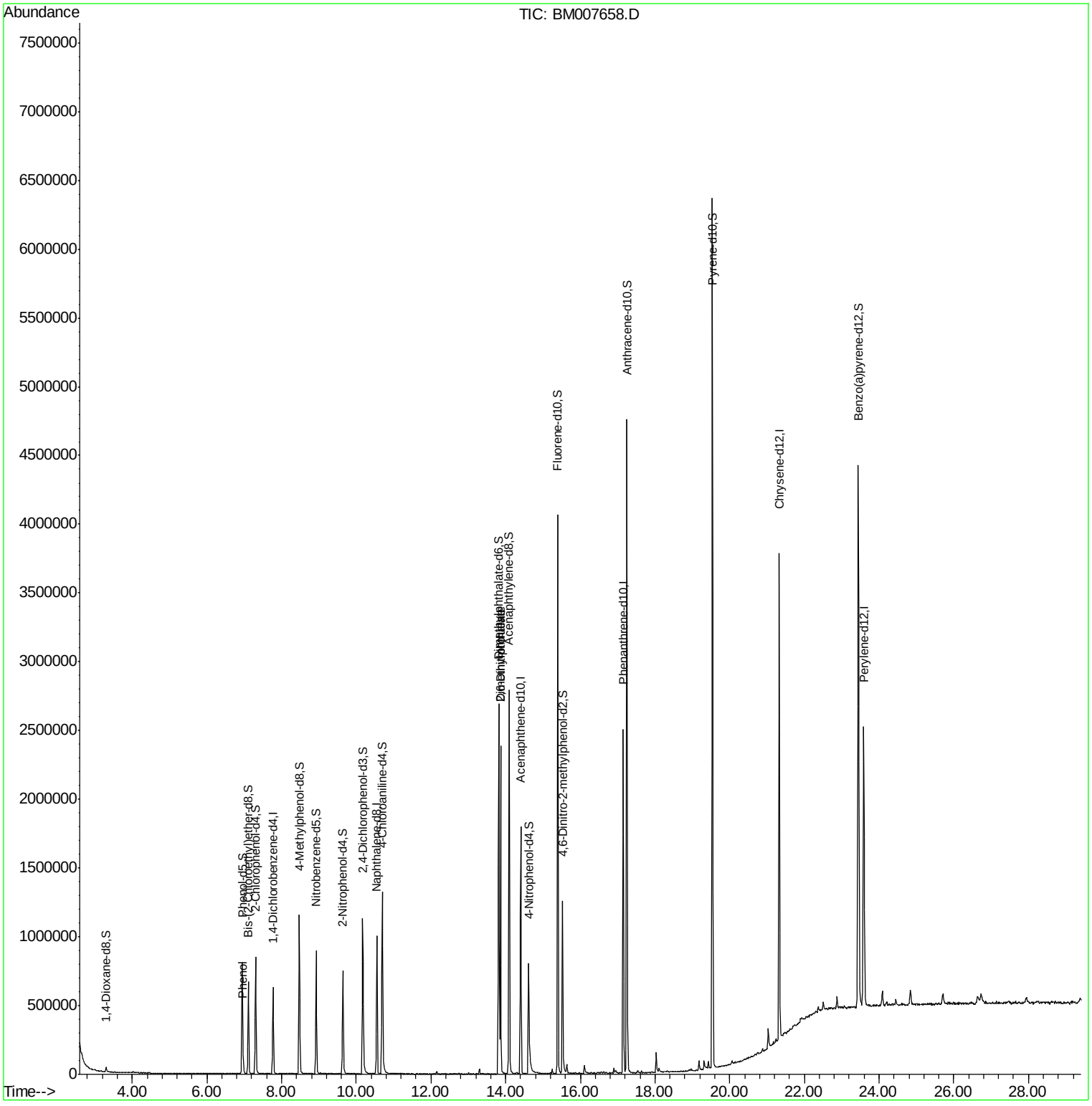
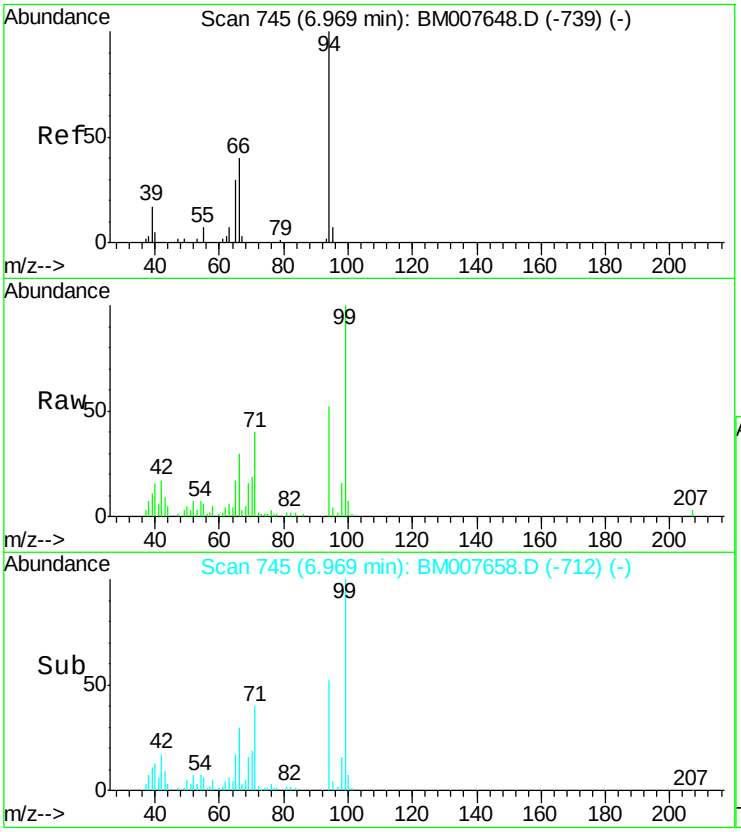


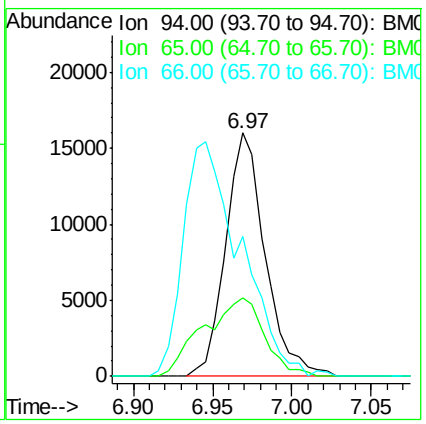


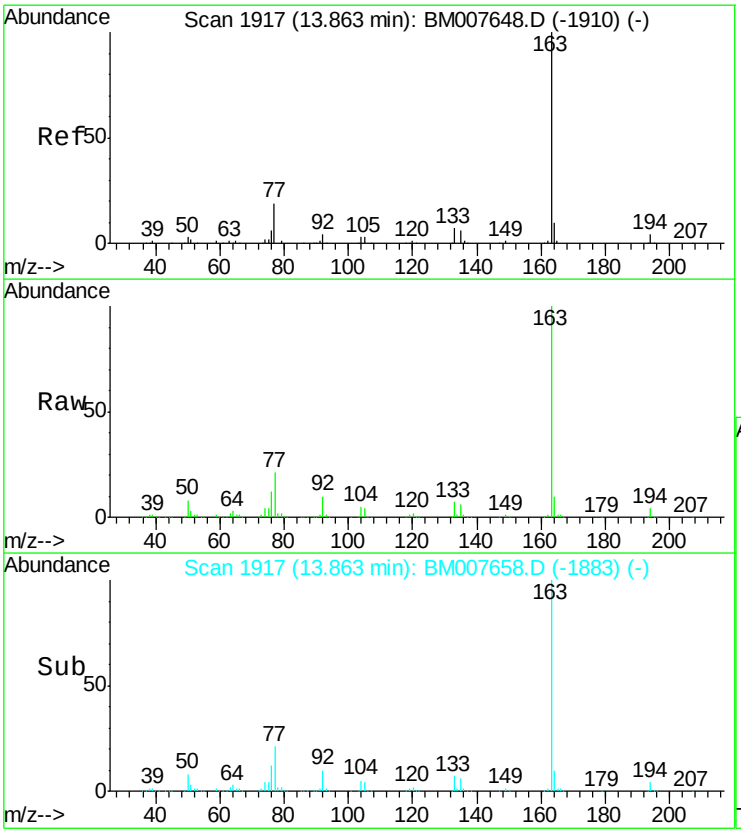

#6
Phenol
Concen: 1.86 ng/ul
RT: 6.97 min Scan# 745
Delta R.T. -0.01 min
Lab File: BM007658.D
Acq: 04 Oct 2016 16:22

**Instrument :**
BNA_M
**ClientSampleId :**
H1A02

Tgt Ion: 94 Resp: 27669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 32.4 | 23.9 | 35.9 |
| 66 | 57.5 | 33.5 | 50.3# |

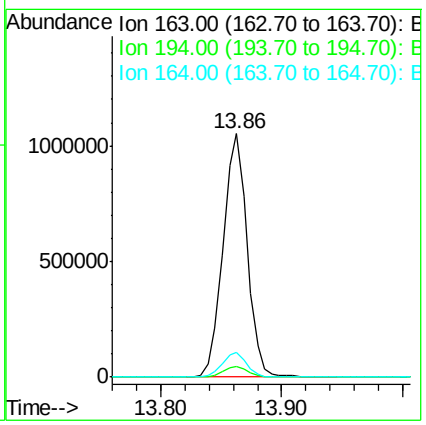


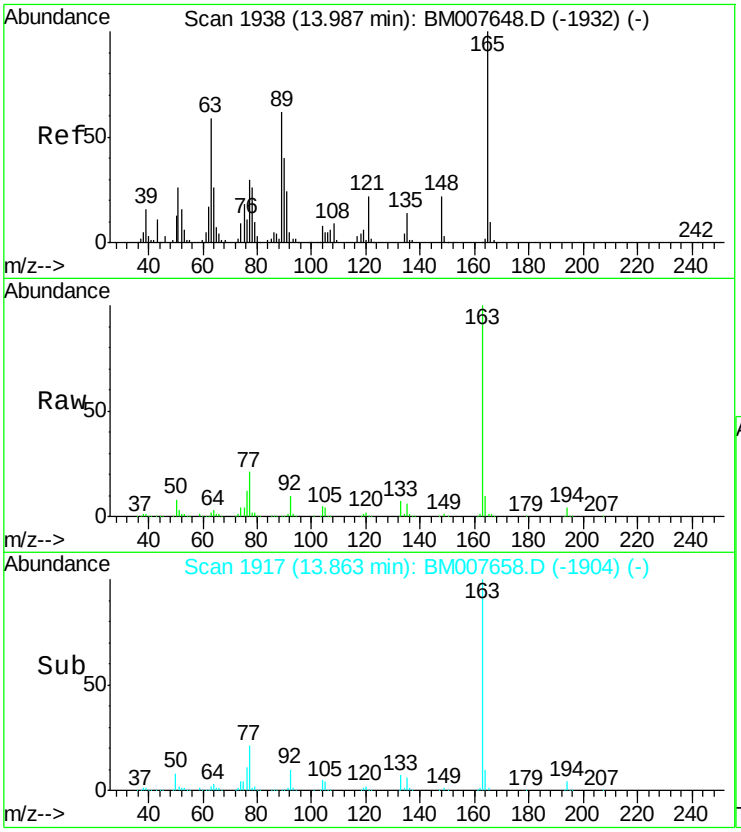




#44
Dimethylphthalate
Concen: 32.07 ng/ul
RT: 13.86 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM007658.D
Acq: 04 Oct 2016 16:22

Tgt Ion:163 Resp: 1451925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.4 | 5.2 |
| 164 | 10.1 | 7.8 | 11.8 |






#45
2,6-Dinitrotoluene
Concen: 1.71 ng/ul
RT: 13.86 min Scan# 1917
Delta R.T. -0.12 min
Lab File: BM007658.D
Acq: 04 Oct 2016 16:22

**Instrument :**
BNA_M
**ClientSampleId :**
H1A02

Tgt Ion:165 Resp: 15320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 89 | 16.3 | 46.6 | 69.8# |
| 121 | 32.8 | 16.0 | 24.0# |