Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101916\
Data File : BM007695.D
Acq On : 20 Oct 2016 06:00
Operator : UM/SJ
Sample : MDL-05-W
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** MDL-05-W

Quant Time: Oct 20 07:05:36 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM101916-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 03:26:07 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.76 | 152 | 245760 | 20.00 | ng/ul | 0.00 |
| 7) Naphthalene-d8 | 10.53 | 136 | 951979 | 20.00 | ng/ul | 0.00 |
| 13) Acenaphthene-d10 | 14.39 | 164 | 604191 | 20.00 | ng/ul | 0.00 |
| 18) Phenanthrene-d10 | 17.23 | 188 | 1677882 | 20.00 | ng/ul | 0.10 |
| 23) Chrysene-d12 | 21.32 | 240 | 1538258 | 20.00 | ng/ul | 0.00 |
| 25) Perylene-d12 | 23.57 | 264 | 1566972 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.29 | 96 | 39100 | 6.79 | ng/uL | 0.00 |
| 3) Phenol-d5 | 6.93 | 99 | 580450 | 30.48 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d | 7.09 | 67 | 356440 | 31.58 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4 | 7.29 | 132 | 459837 | 31.46 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8 | 8.46 | 113 | 450275 | 30.09 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5 | 8.91 | 128 | 216003 | 32.12 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4 | 9.63 | 143 | 240483 | 32.76 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3 | 10.16 | 165 | 432733 | 29.96 | ng/ul | 0.00 |
| 11) 4-Chloroaniline-d4 | 10.67 | 131 | 550027 | 33.56 | ng/ul | 0.00 |
| 14) Dimethylphthalate-d6 | 13.80 | 166 | 1296899 | 30.77 | ng/ul | 0.00 |
| 15) Acenaphthylene-d8 | 14.08 | 160 | 1557203 | 31.52 | ng/ul | 0.00 |
| 16) 4-Nitrophenol-d4 | 14.60 | 143 | 187131 | 27.00 | ng/ul | 0.00 |
| 17) Fluorene-d10 | 15.38 | 176 | 1126389 | 30.97 | ng/ul | 0.00 |
| 19) 4,6-Dinitro-2-methylphenol | 15.51 | 200 | 197237 | 19.40 | ng/ul | 0.00 |
| 20) Anthracene-d10 | 17.23 | 188 | 1677882 | 21.99 | ng/ul | 0.00 |
| 24) Pyrene-d10 | 19.53 | 212 | 1968302 | 31.61 | ng/ul | 0.00 |
| 26) Benzo(a)pyrene-d12 | 23.43 | 264 | 2129002 | 31.19 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 12) 1-Methylnaphthalene | 12.20 | 142 | 94634 | 2.89 | ng/ul | 99 |
| 21) 1,2,3,4-Tetrachlorobenzene | 13.18 | 216 | 52688 | 2.16 | ng/uL | 97 |
| 22) Pentachlorobenzene | 14.71 | 250 | 55116 | 2.16 | ng/uL | 99 |

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

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Quant Title : SVOA CALIBRATION
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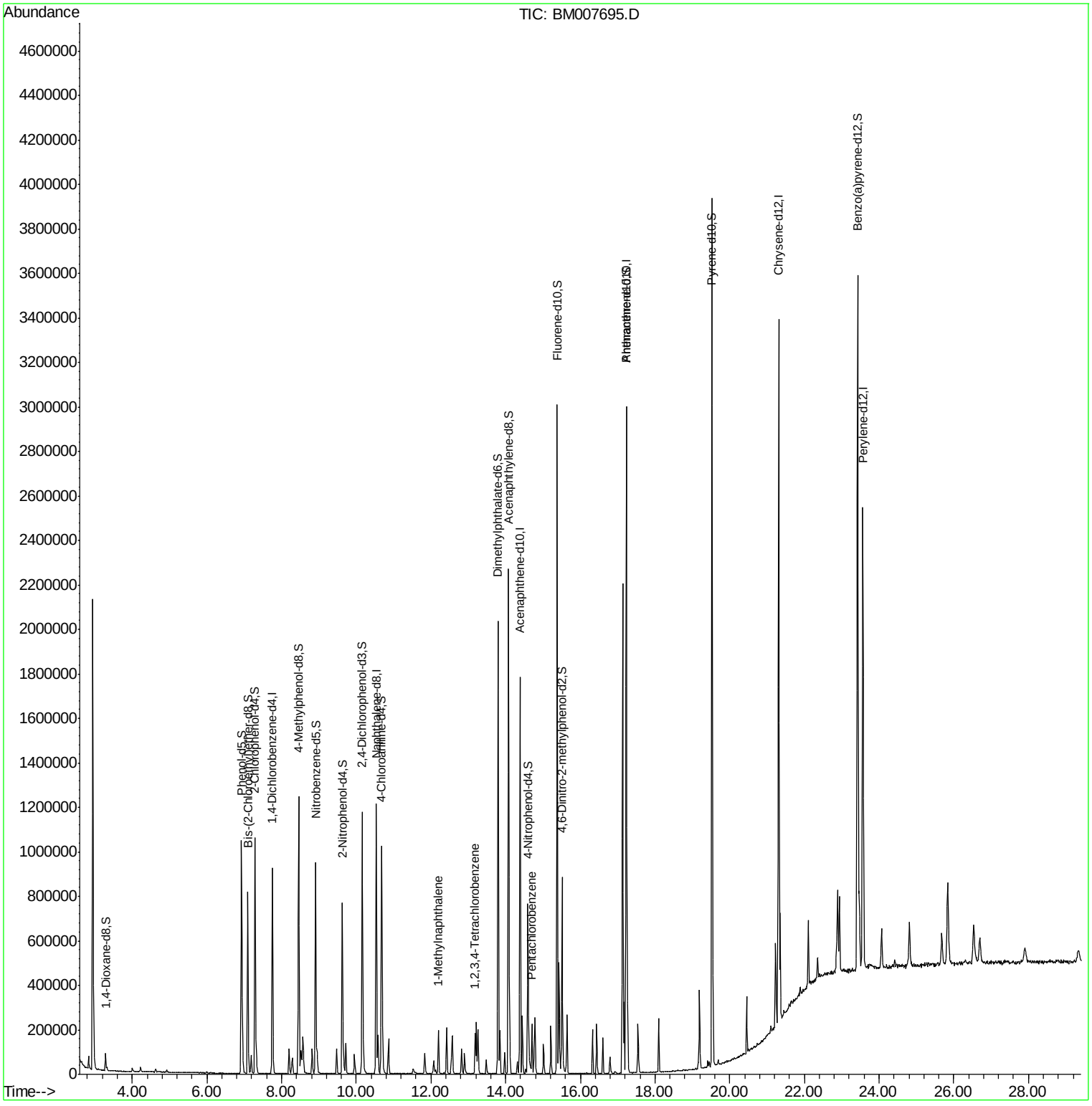
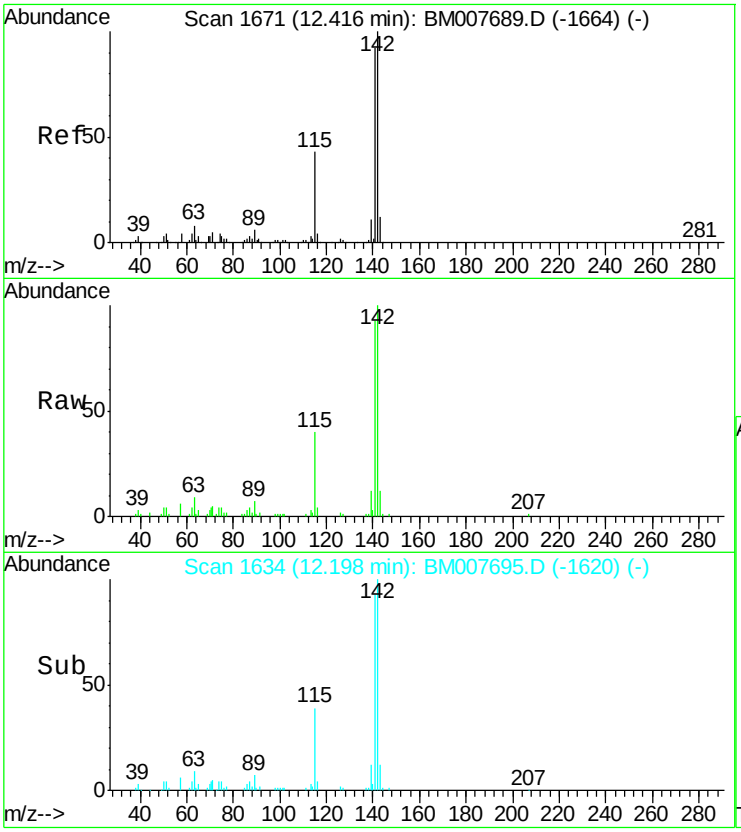


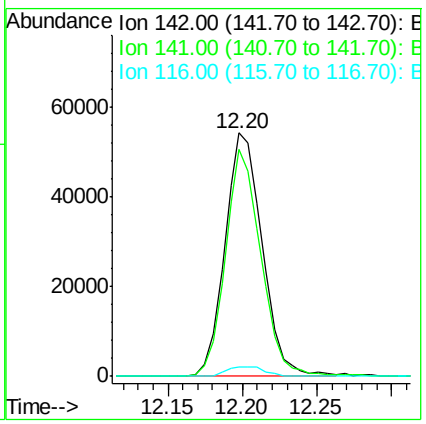


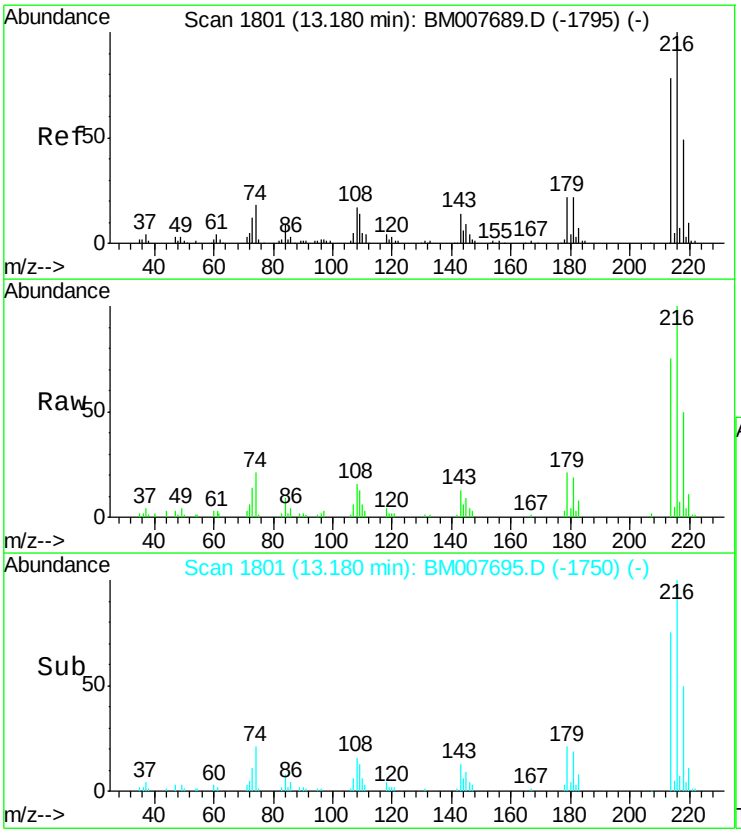

#12
1-Methylnaphthalene
Concen: 2.89 ng/ul
RT: 12.20 min Scan# 1634
Delta R.T. -0.22 min
Lab File: BM007695.D
Acq: 20 Oct 2016 06:00

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-05-W

Tgt Ion:142 Resp: 94634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 93.0 | 74.9 | 112.3 |
| 116 | 3.7 | 3.1 | 4.7 |

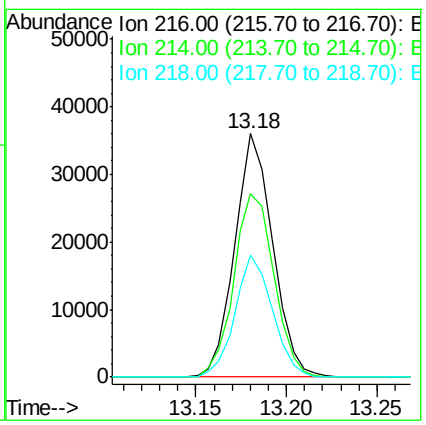


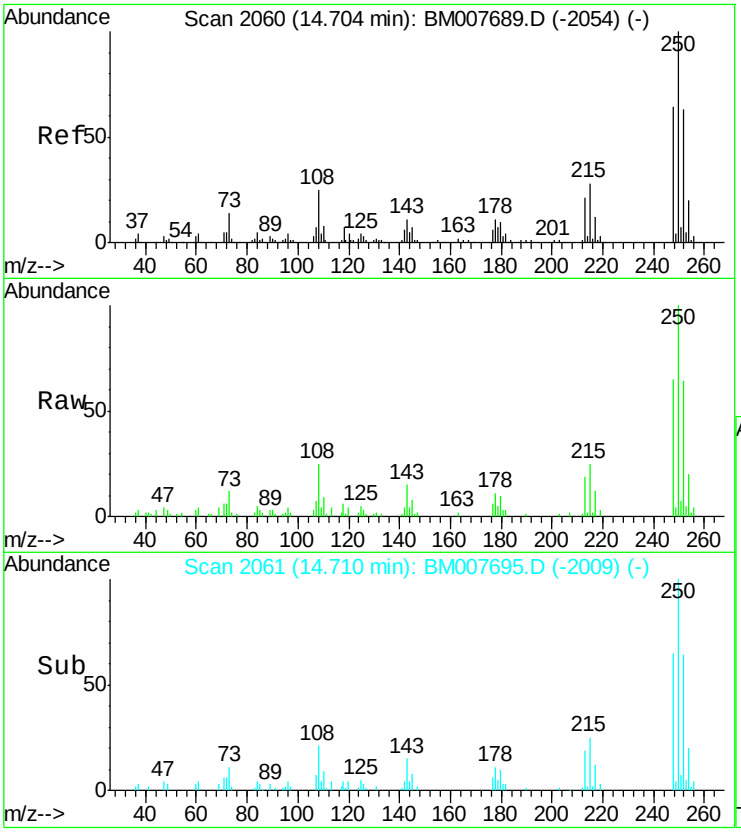




#21
1,2,3,4-Tetrachlorobenzene
Concen: 2.16 ng/uL
RT: 13.18 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BM007695.D
Acq: 20 Oct 2016 06:00

Tgt Ion:216 Resp: 52688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 75.5 | 62.5 | 93.7 |
| 218 | 49.9 | 38.4 | 57.6 |






#22
Pentachlorobenzene
Concen: 2.16 ng/uL
RT: 14.71 min Scan# 2061
Delta R.T. 0.01 min
Lab File: BM007695.D
Acq: 20 Oct 2016 06:00

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-05-W

Tgt Ion:250 Resp: 55116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 250 | 100 | | |
| 248 | 64.8 | 50.6 | 75.8 |
| 252 | 64.5 | 51.4 | 77.0 |