Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101916\
Data File : BM007676.D
Acq On : 19 Oct 2016 17:42
Operator : UM/SJ
Sample : MDL-05-S
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 19 18:22:27 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM101916-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 19 14:54:51 2016
Response via : Initial Calibration

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

**Manual Integrations APPROVED**
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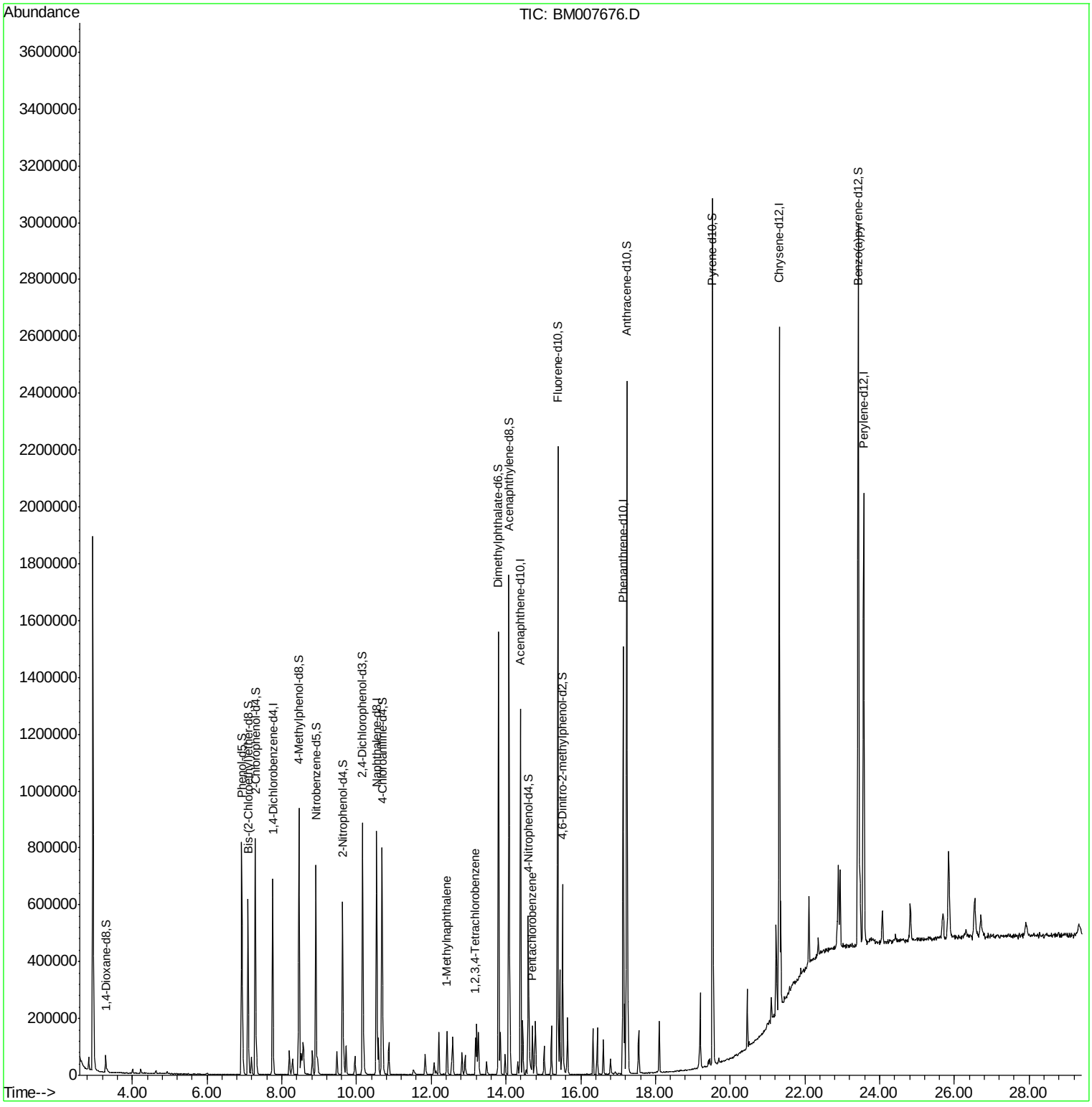

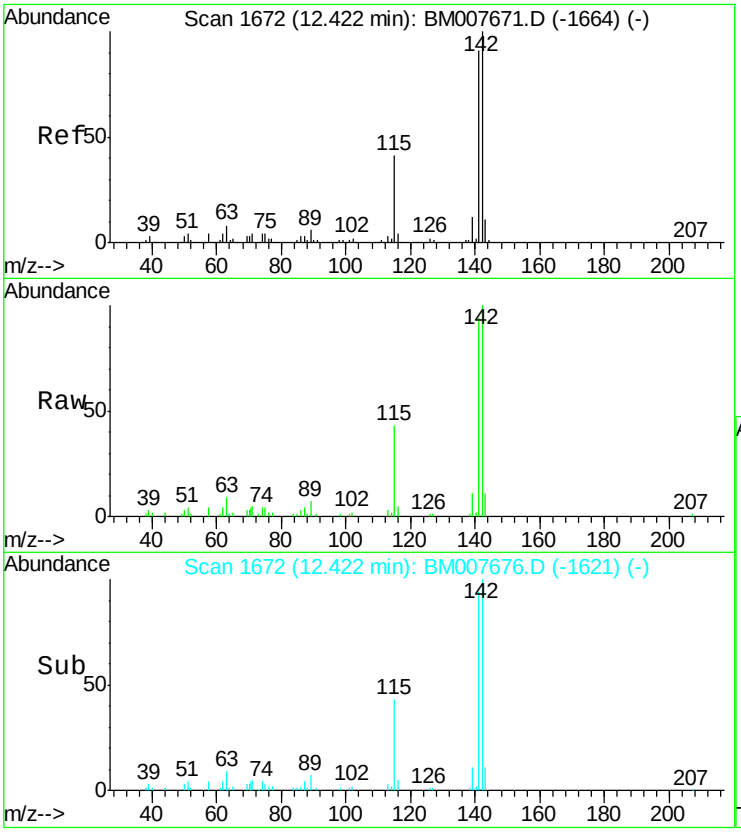


#12
1-Methylnaphthalene
Concen: 2.99 ng/ul m
RT: 12.42 min Scan# 1672
Delta R.T. 0.00 min
Lab File: BM007676.D
Acq: 19 Oct 2016 17:42

Tgt Ion:142 Resp: 70831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 94.5 | 74.9 | 112.3 |
| 116 | 4.8 | 3.1 | 4.7# |

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

**Manual Integrations APPROVED**
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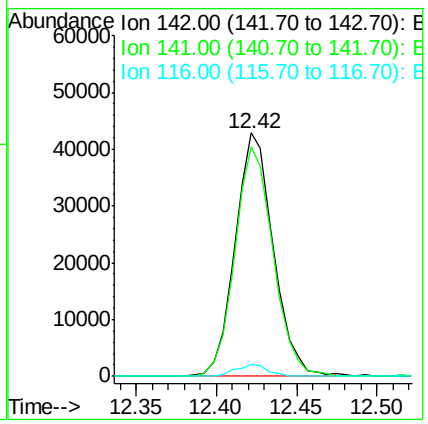
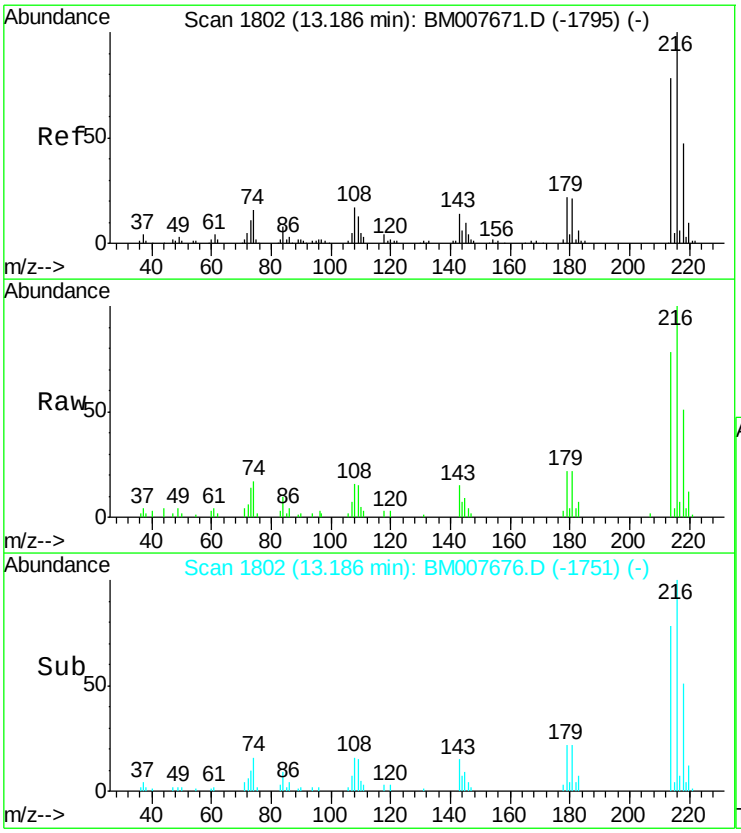
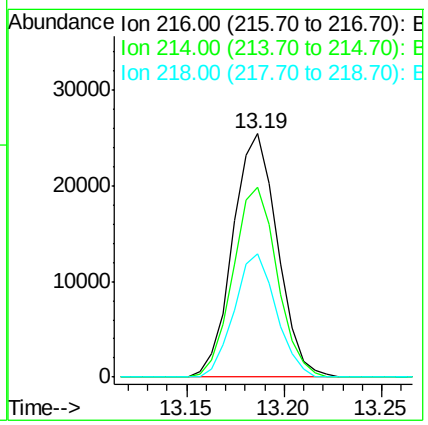


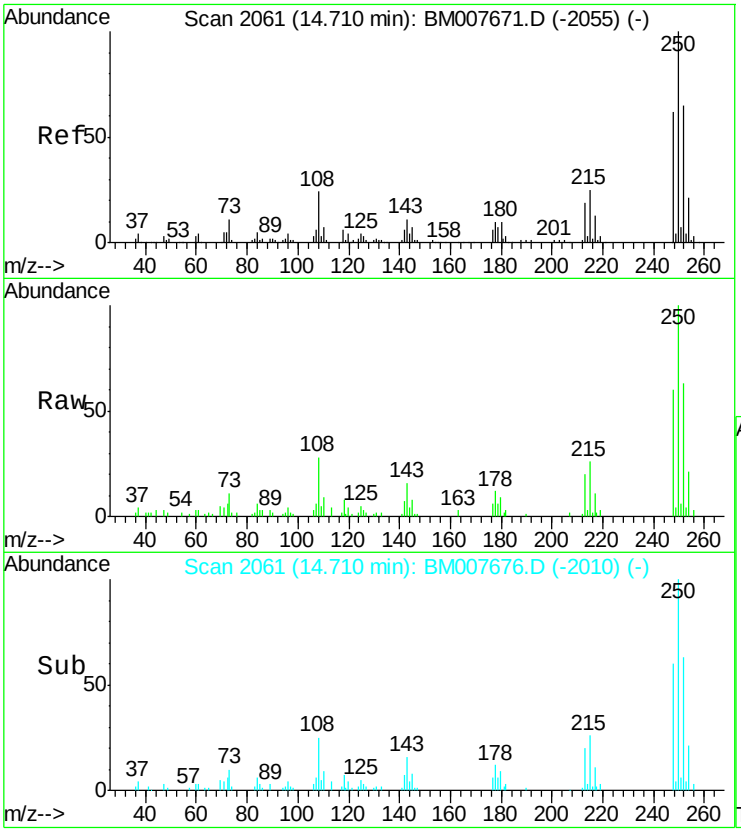




#21
1,2,3,4-Tetrachlorobenzene
Concen: 3.14 ng/uL
RT: 13.19 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BM007676.D
Acq: 19 Oct 2016 17:42

Tgt Ion:216 Resp: 40477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.0 | 62.5 | 93.7 |
| 218 | 50.8 | 38.4 | 57.6 |

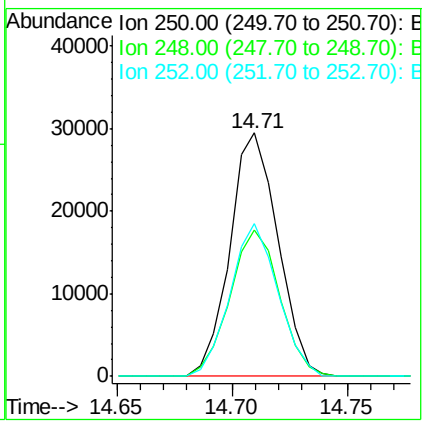





#22
Pentachlorobenzene
Concen: 3.18 ng/uL
RT: 14.71 min Scan# 2061
Delta R.T. 0.00 min
Lab File: BM007676.D
Acq: 19 Oct 2016 17:42

Tgt Ion:250 Resp: 42876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 250 | 100 | | |
| 248 | 60.0 | 50.6 | 75.8 |
| 252 | 62.8 | 51.4 | 77.0 |




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

**Manual Integrations APPROVED**
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Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101916\
Data File : BM007676.D
Acq On : 19 Oct 2016 17:42
Operator : UM/SJ
Sample : MDL-05-S
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
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10/20/2016 5:04:24 PM

Quant Time: Oct 19 18:22:27 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM101916-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 19 14:54:51 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.76 | 152 | 180736 | 20.00 | ng/ul | 0.00 |
| 7) Naphthalene-d8 | 10.53 | 136 | 687255 | 20.00 | ng/ul | 0.00 |
| 13) Acenaphthene-d10 | 14.39 | 164 | 438812 | 20.00 | ng/ul | 0.00 |
| 18) Phenanthrene-d10 | 17.13 | 188 | 885041 | 20.00 | ng/ul | 0.00 |
| 23) Chrysene-d12 | 21.32 | 240 | 1171914 | 20.00 | ng/ul | 0.00 |
| 25) Perylene-d12 | 23.57 | 264 | 1174362 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.29 | 96 | 30951 | 7.31 | ng/uL | 0.00 |
| 3) Phenol-d5 | 6.93 | 99 | 447378 | 31.95 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d | 7.09 | 67 | 270615 | 32.60 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4 | 7.29 | 132 | 359151 | 33.41 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8 | 8.46 | 113 | 347596 | 31.58 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5 | 8.91 | 128 | 166529 | 34.30 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4 | 9.63 | 143 | 182979 | 34.53 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3 | 10.16 | 165 | 339457 | 32.55 | ng/ul | 0.00 |
| 11) 4-Chloroaniline-d4 | 10.68 | 131 | 420458 | 35.54 | ng/ul | 0.00 |
| 14) Dimethylphthalate-d6 | 13.80 | 166 | 1032077 | 33.71 | ng/ul | 0.00 |
| 15) Acenaphthylene-d8 | 14.08 | 160 | 1209865 | 33.71 | ng/ul | 0.00 |
| 16) 4-Nitrophenol-d4 | 14.60 | 143 | 143180 | 28.44 | ng/ul | 0.00 |
| 17) Fluorene-d10 | 15.39 | 176 | 882989 | 33.43 | ng/ul | 0.00 |
| 19) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 151240 | 28.20 | ng/ul | 0.00 |
| 20) Anthracene-d10 | 17.23 | 188 | 1338688 | 33.27 | ng/ul | 0.00 |
| 24) Pyrene-d10 | 19.53 | 212 | 1595444 | 33.63 | ng/ul | 0.00 |
| 26) Benzo(a)pyrene-d12 | 23.43 | 264 | 1750767 | 34.23 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 12) 1-Methylnaphthalene | 12.42 | 142 | 70831m | 2.99 | ng/ul | |
| 21) 1,2,3,4-Tetrachlorobenzene | 13.19 | 216 | 40477 | 3.14 | ng/uL | 98 |
| 22) Pentachlorobenzene | 14.71 | 250 | 42876 | 3.18 | ng/uL | 97 |

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