Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101916\
Data File : BB058670.D
Acq On : 20 Oct 2016 2:58
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_B
**ClientSampleId :** SSTD02098

Quant Time: Oct 20 04:41:00 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101916-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 04:39:59 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.68 | 152 | 473673 | 20.00 | ng/ul | 0.00 |
| 7) Naphthalene-d8 | 11.62 | 136 | 1869784 | 20.00 | ng/ul | 0.00 |
| 13) Acenaphthene-d10 | 15.57 | 164 | 1025563 | 20.00 | ng/ul | -0.02 |
| 18) Phenanthrene-d10 | 18.42 | 188 | 1638893 | 20.00 | ng/ul | 0.00 |
| 23) Chrysene-d12 | 22.79 | 240 | 1724135 | 20.00 | ng/ul | 0.00 |
| 25) Perylene-d12 | 25.85 | 264 | 1138101 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.65 | 96 | 95815 | 8.79 | ng/uL | 0.00 |
| 3) Phenol-d5 | 7.81 | 99 | 774807 | 21.37 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d | 7.96 | 67 | 598307 | 23.43 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4 | 8.20 | 132 | 756598 | 21.03 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8 | 9.45 | 113 | 610748 | 20.92 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5 | 9.89 | 128 | 398785 | 21.34 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4 | 10.66 | 143 | 419130 | 20.62 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3 | 11.24 | 165 | 553194 | 19.77 | ng/ul | 0.00 |
| 11) 4-Chloroaniline-d4 | 11.76 | 131 | 793781 | 22.18 | ng/ul | 0.00 |
| 14) Dimethylphthalate-d6 | 14.95 | 166 | 1474785 | 21.72 | ng/ul | 0.00 |
| 15) Acenaphthylene-d8 | 15.26 | 160 | 1762504 | 22.07 | ng/ul | 0.00 |
| 16) 4-Nitrophenol-d4 | 15.78 | 143 | 307069 | 20.06 | ng/ul | 0.00 |
| 17) Fluorene-d10 | 16.61 | 176 | 1151947 | 20.83 | ng/ul | 0.00 |
| 19) 4,6-Dinitro-2-methylphenol | 16.72 | 200 | 279250 | 16.22 | ng/ul | 0.00 |
| 20) Anthracene-d10 | 18.42 | 188 | 1638893 | 22.00 | ng/ul | 0.00 |
| 24) Pyrene-d10 | 20.86 | 212 | 1669052 | 21.74 | ng/ul | 0.00 |
| 26) Benzo(a)pyrene-d12 | 25.64 | 264 | 1053746 | 20.54 | ng/ul | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 12) 1-Methylnaphthalene | 13.57 | 142 | 1243748 | 21.03 | ng/ul | 96 |
| 21) 1,2,3,4-Tetrachlorobenzene | 14.36 | 216 | 563946 | 19.50 | ng/uL | 99 |
| 22) Pentachlorobenzene | 15.94 | 250 | 567499 | 20.08 | ng/uL | 99 |

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

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 04:39:59 2016
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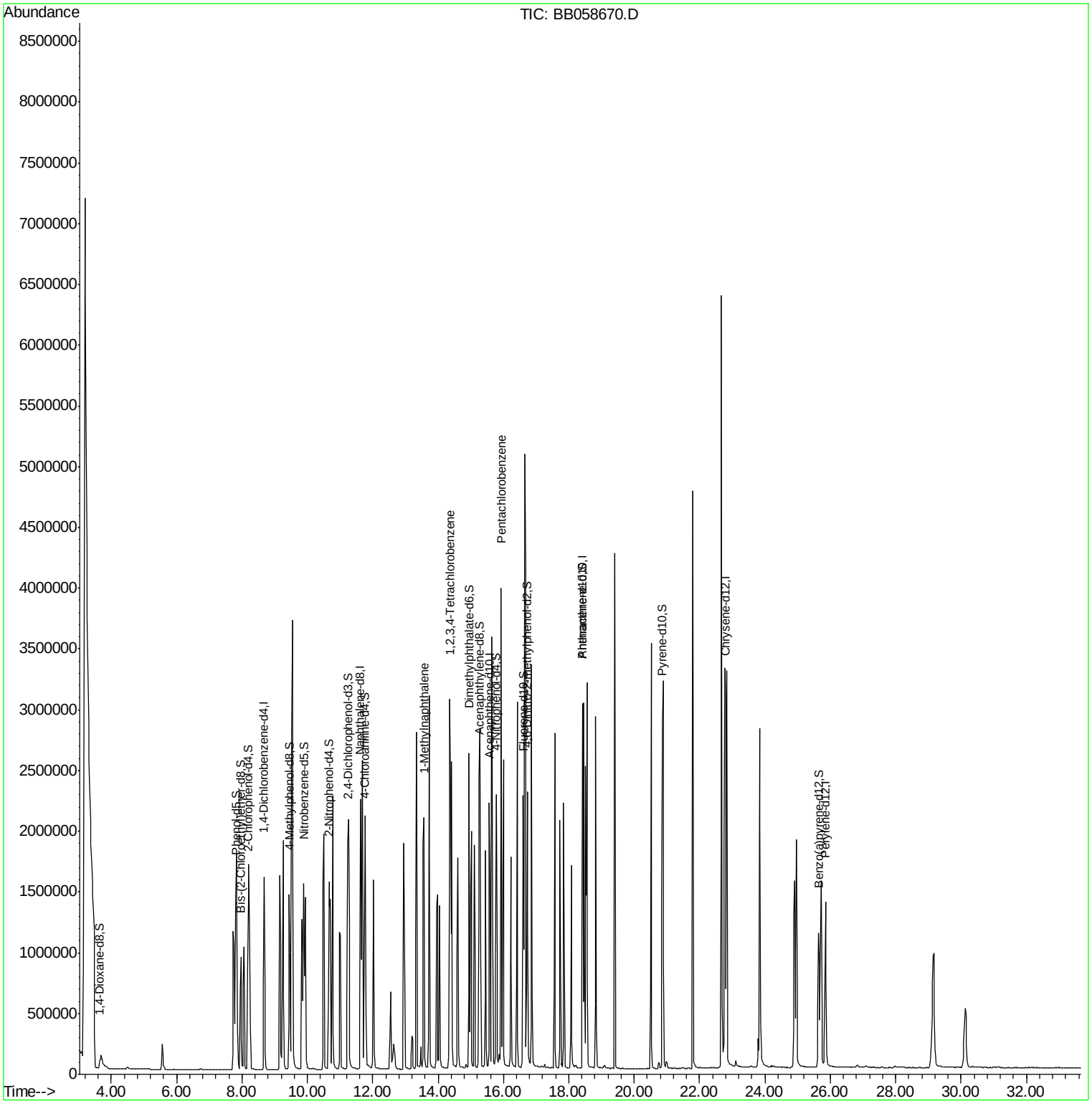
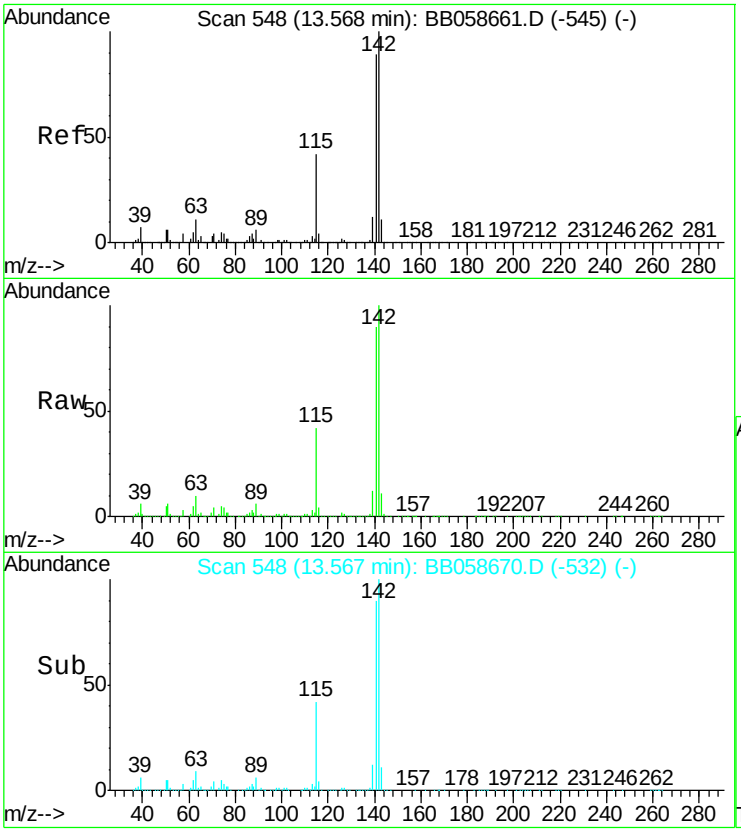


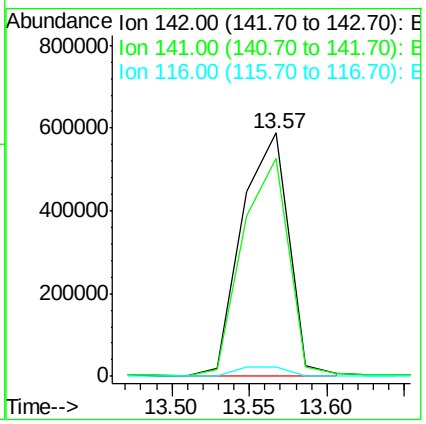


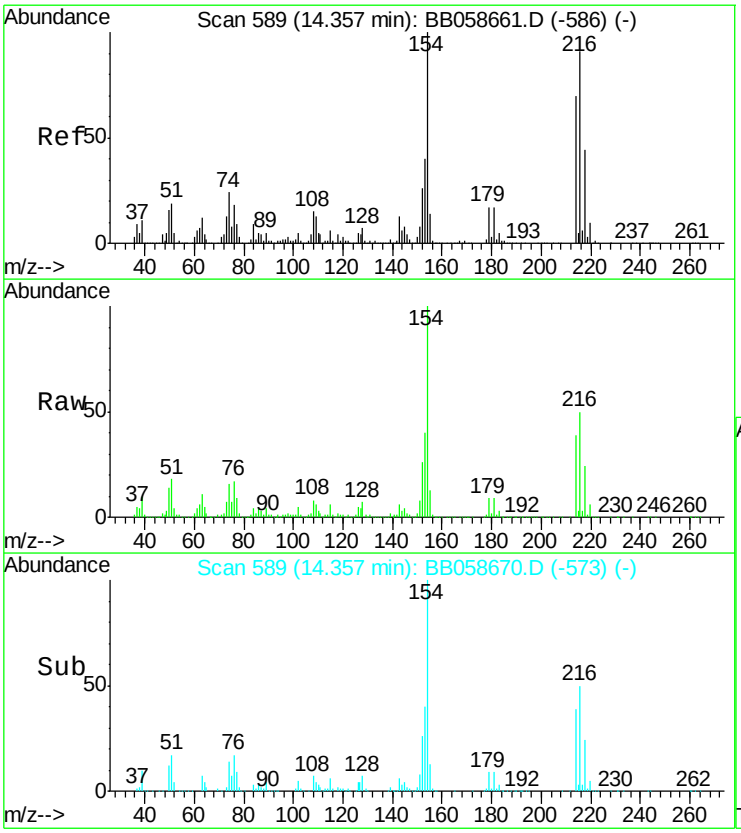

#12
1-Methylnaphthalene
Concen: 21.03 ng/ul
RT: 13.57 min Scan# 548
Delta R.T. -0.00 min
Lab File: BB058670.D
Acq: 20 Oct 2016 2:58

**Instrument :**
BNA_B
**ClientSampleId :**
SSTD02098

Tgt Ion:142 Resp: 1243748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.8 | 74.9 | 112.3 |
| 116 | 4.1 | 3.1 | 4.7 |

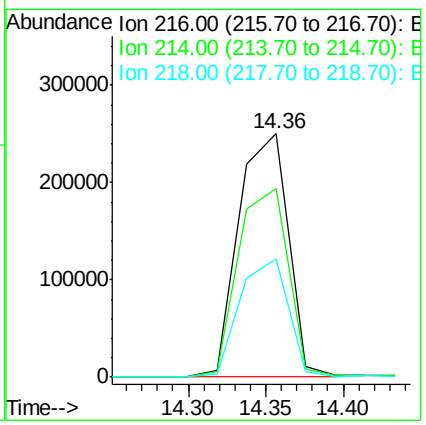


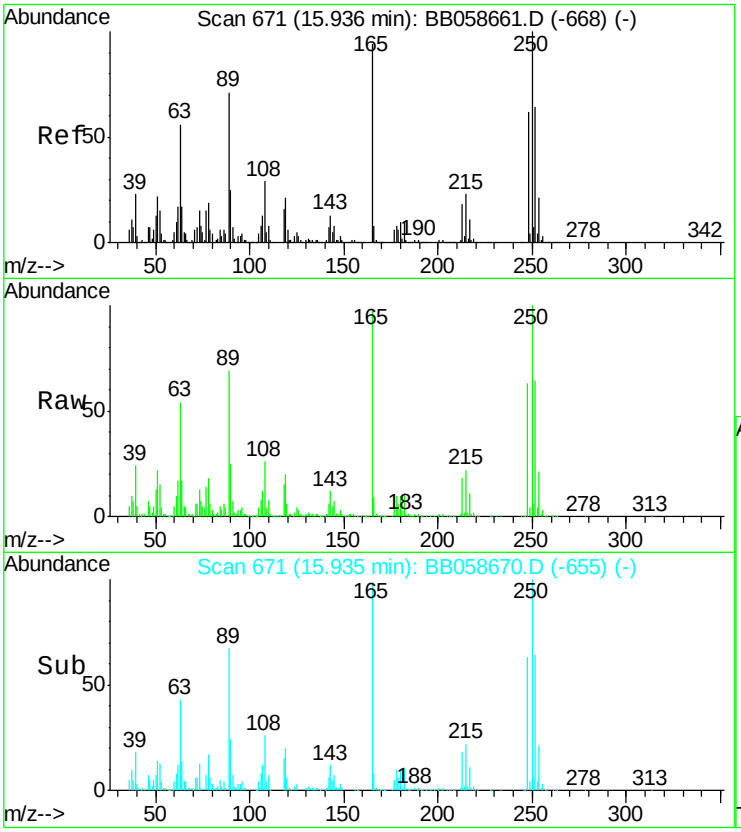




#21
1,2,3,4-Tetrachlorobenzene
Concen: 19.50 ng/uL
RT: 14.36 min Scan# 589
Delta R.T. -0.00 min
Lab File: BB058670.D
Acq: 20 Oct 2016 2:58

Tgt Ion:216 Resp: 563946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 77.7 | 62.5 | 93.7 |
| 218 | 48.5 | 38.4 | 57.6 |






#22
Pentachlorobenzene
Concen: 20.08 ng/uL
RT: 15.94 min Scan# 671
Delta R.T. -0.00 min
Lab File: BB058670.D
Acq: 20 Oct 2016 2:58

**Instrument :**
BNA_B
**ClientSampleId :**
SSTD02098

Tgt Ion:250 Resp: 567499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 250 | 100 | | |
| 248 | 62.7 | 50.6 | 75.8 |
| 252 | 63.9 | 51.4 | 77.0 |