Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100215\
Data File : BG018989.D
Acq On : 1 Oct 2015 21:25
Operator : UM/NP
Sample : G3831-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0AQ2

**Manual Integrations APPROVED**
MMDadoda
10/2/2015 5:44:12 PM

Quant Time: Oct 02 12:46:59 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 11:51:49 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.00 | 152 | 54695 | 20.00 | ng/ul | 0.02 |
| 18) Naphthalene-d8 | 10.78 | 136 | 229431 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.60 | 164 | 146222 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.34 | 188 | 382406 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.60 | 240 | 469356 | 20.00 | ng/ul | -0.01 |
| 86) Perylene-d12 | 24.78 | 264 | 471552 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.40 | 96 | 1053 | 0.93 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.21 | 99 | 11683 | 2.60 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.31 | 67 | 68057 | 26.15 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.53 | 132 | 65066 | 19.13 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8 | 8.76 | 113 | 38338m | 10.52 | ng/ul | 0.04 |
| 19) Nitrobenzene-d5 | 9.15 | 128 | 52188 | 30.02 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4 | 9.87 | 143 | 56582 | 32.37 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.44 | 165 | 90120m | 24.49 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4 | 10.95 | 131 | 8744m | 2.04 | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6 | 14.01 | 166 | 366570 | 31.15 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.29 | 160 | 465308 | 33.37 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.96 | 143 | 9347m | 4.14 | ng/ul | 0.07 |
| 58) Fluorene-d10 | 15.59 | 176 | 341684 | 33.21 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.73 | 200 | 39697 | 21.93 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.44 | 188 | 566323 | 33.64 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.73 | 212 | 686580 | 31.80 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.56 | 264 | 763780 | 33.28 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.23 | 94 | 20155m | 4.34 | ng/ul | |
| 10) 2-Chlorophenol | 7.57 | 128 | 17111m | 4.86 | ng/ul | |
| 30) 4-Chloroaniline | 10.93 | 127 | 145633 | 32.88 | ng/ul | 98 |

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

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**Instrument :**
BNA_G
**ClientSampleId :**
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**Manual Integrations APPROVED**
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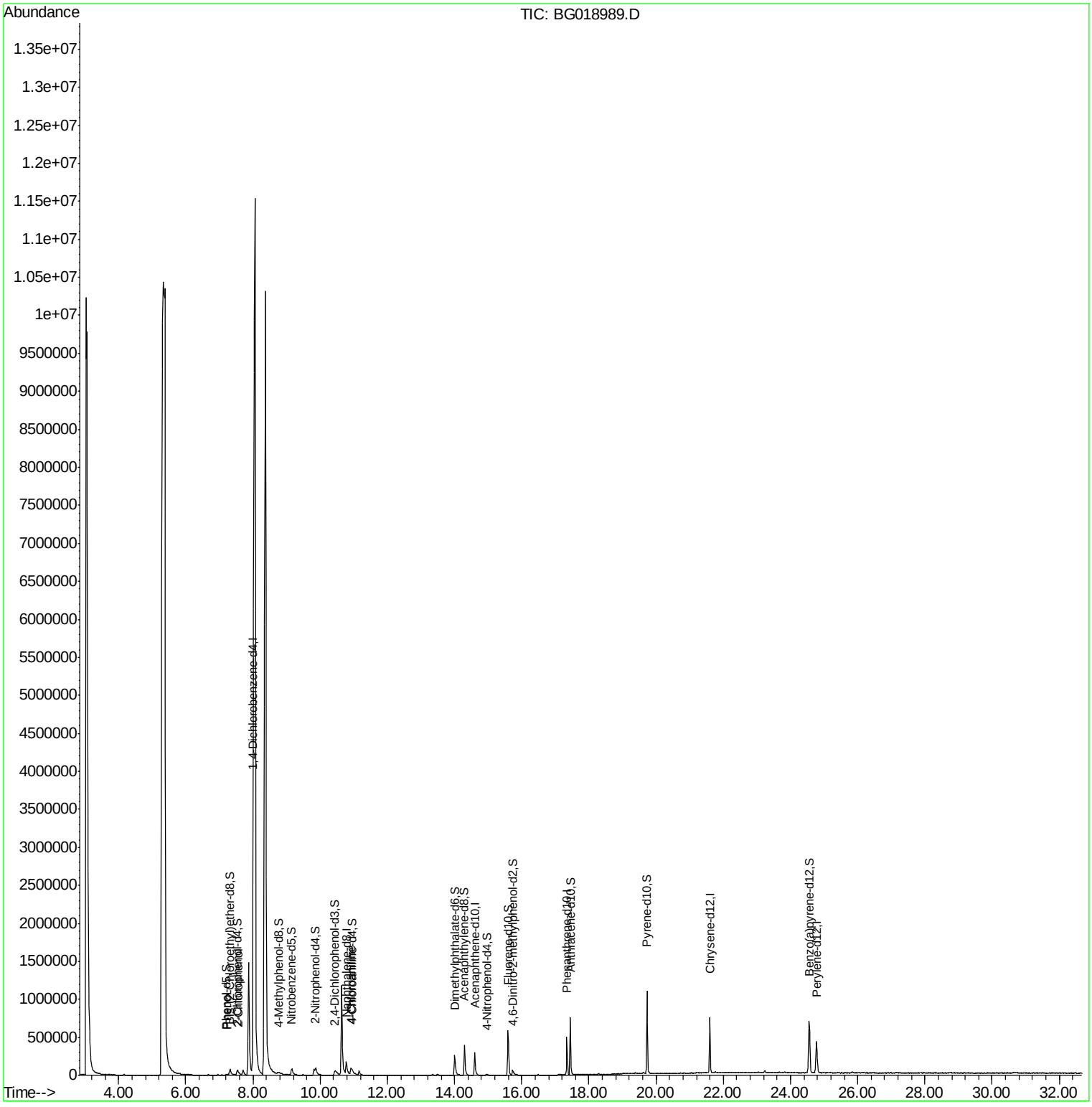
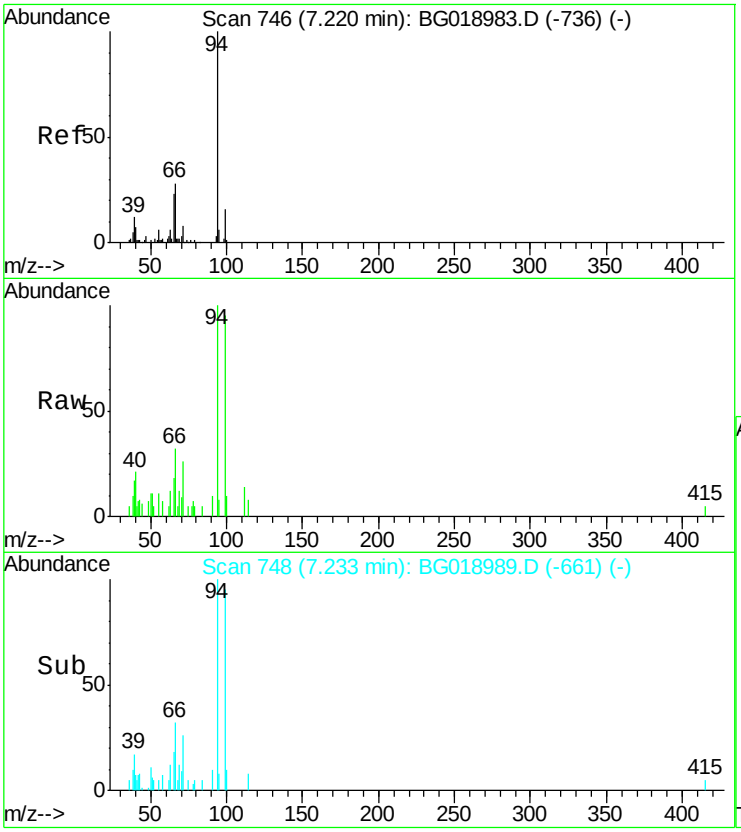
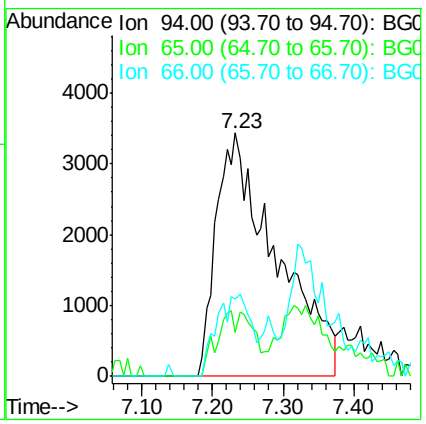





#6
Phenol
Concen: 4.34 ng/ul m
RT: 7.23 min Scan# 748
Delta R.T. 0.01 min
Lab File: BG018989.D
Acq: 1 Oct 2015 21:25

Tgt Ion: 94 Resp: 20155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 18.2 | 23.0 | 34.6# |
| 66 | 31.7 | 31.0 | 46.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
C0AQ2

**Manual Integrations APPROVED**
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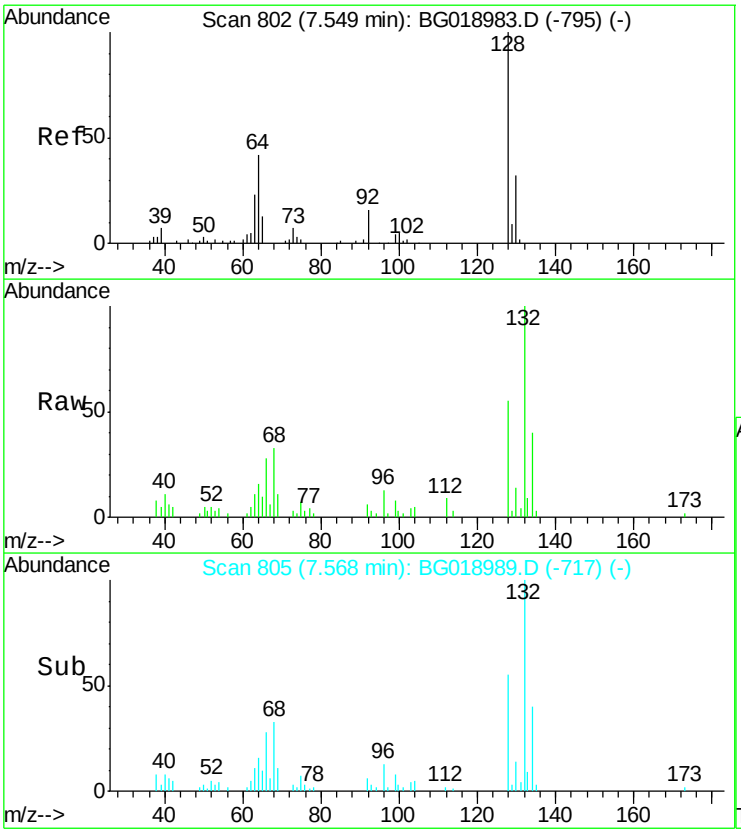
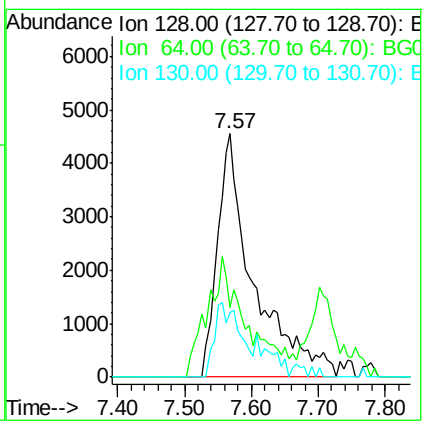
10/2/2015 5:44:12 PM

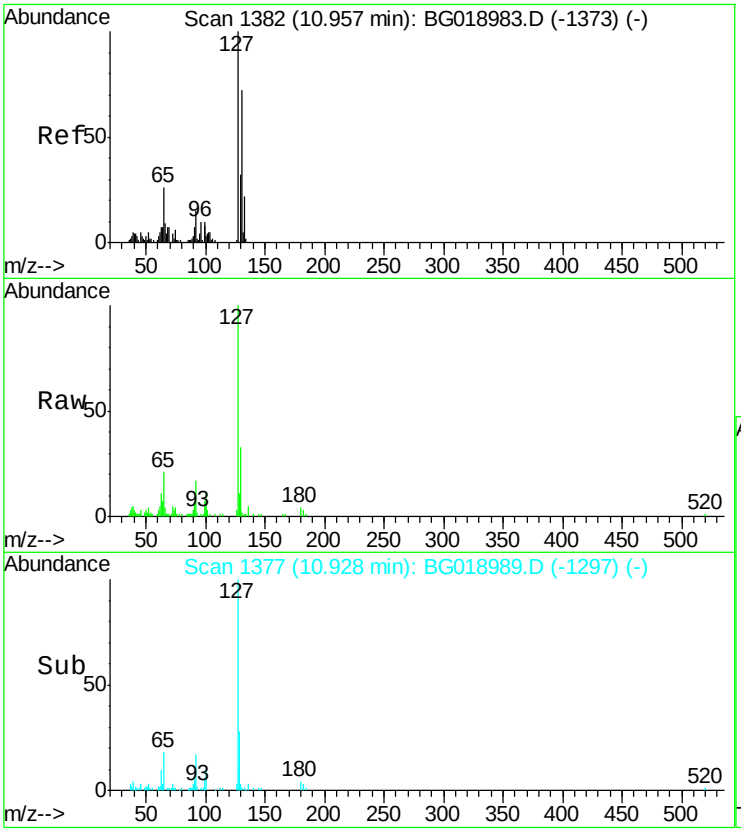



#10
2-Chlorophenol
Concen: 4.86 ng/ul m
RT: 7.57 min Scan# 805
Delta R.T. 0.02 min
Lab File: BG018989.D
Acq: 1 Oct 2015 21:25

Tgt Ion:128 Resp: 17111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 64 | 28.7 | 40.9 | 61.3# |
| 130 | 26.2 | 24.5 | 36.7 |

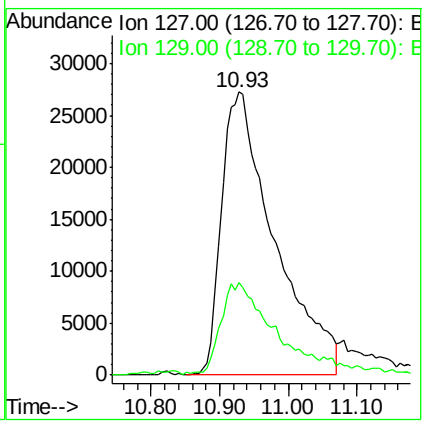





#30
4-Chloroaniline
Concen: 32.88 ng/ul
RT: 10.93 min Scan# 1377
Delta R.T. -0.03 min
Lab File: BG018989.D
Acq: 1 Oct 2015 21:25

Tgt Ion:127 Resp: 145633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.5 | 26.7 | 40.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
C0AQ2

**Manual Integrations APPROVED**
MMDadoda
10/2/2015 5:44:12 PM