Quantitation Report (Not Reviewed)

Data Path : V:\HPCHEM1\BNA G\DATA\BG033116\
Data File : BG021593.D
Acq On : 31 Mar 2016 11:53
Operator : UM/SJ
Sample : H1935-04RX
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Apr 01 01:29:35 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 01 01:28:23 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.05 | 152 | 9079 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.85 | 136 | 37967 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.67 | 164 | 25677 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.41 | 188 | 68339 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.67 | 240 | 78802 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 24.88 | 264 | 75175 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.00 | 96 | 0 | 0.00 | ng/uL | |
| 5) Phenol-d5 | 7.37 | 99 | 10015 | 11.67 | ng/ul | 0.03 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.38 | 67 | 6170 | 12.13 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.63 | 132 | 6975 | 10.70 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.85 | 113 | 4348 | 5.91 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.23 | 128 | 4242 | 14.89 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.94 | 143 | 4246 | 13.04 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.57 | 165 | 8317 | 14.29 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.02 | 131 | 361 | 0.47 | ng/ul | 0.02 |
| 44) Dimethylphthalate-d6 | 14.07 | 166 | 35364 | 16.54 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.37 | 160 | 41772 | 15.85 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 15.13 | 143 | 438 | 1.28 | ng/ul | 0.03 |
| 58) Fluorene-d10 | 15.66 | 176 | 32364 | 16.79 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.79 | 200 | 4418 | 9.79 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.51 | 188 | 57672 | 17.22 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.79 | 212 | 69432 | 18.89 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.66 | 264 | 68223 | 19.66 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.87 | 216 | 4341 | 4.83 | ng/ul | 88 |
| 45) Dimethylphthalate | 14.12 | 163 | 11680 | 5.26 | ng/ul | 98 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.48 | 216 | 5637 | 5.89 | ng/uL | 91 |

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

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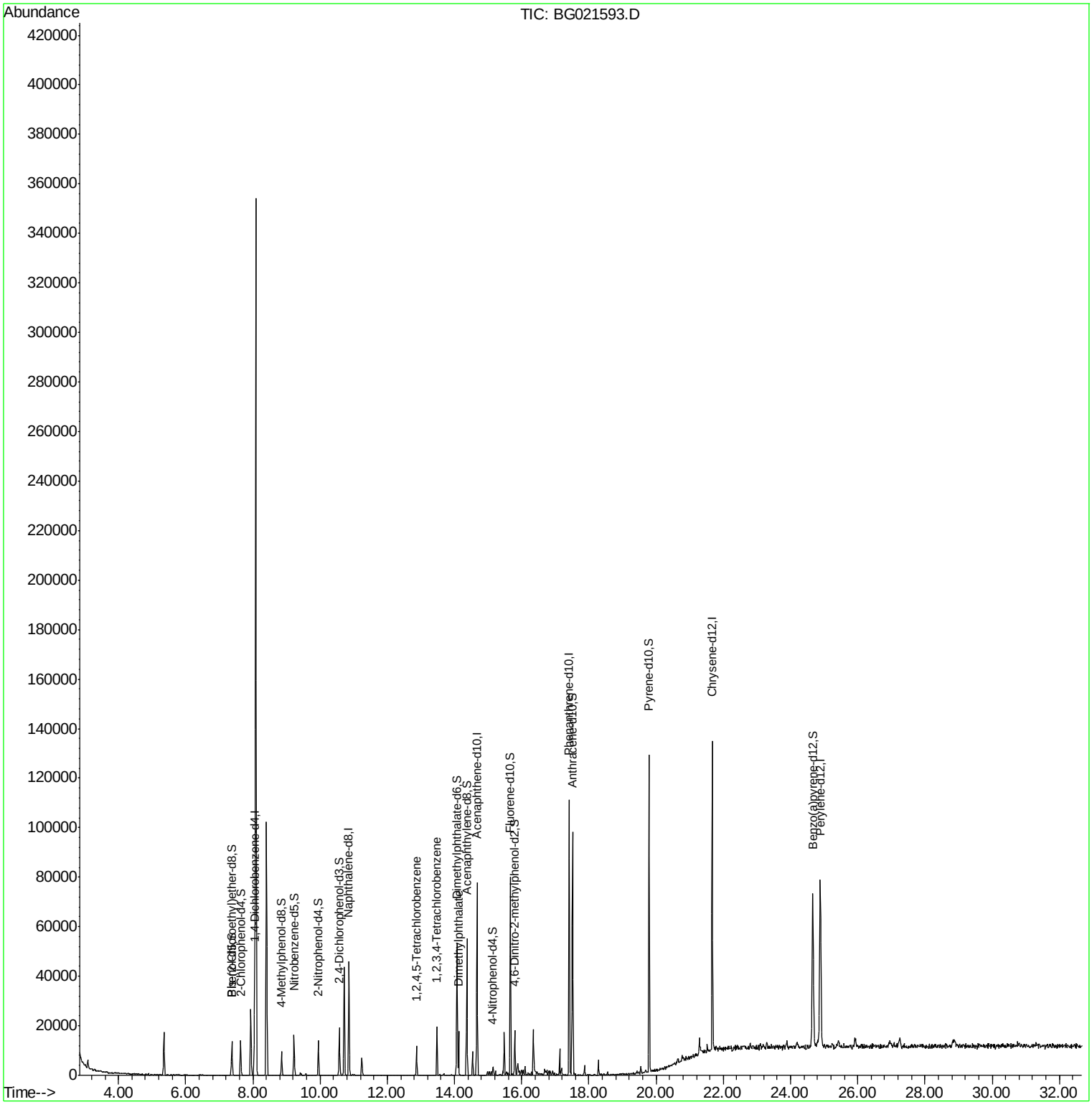
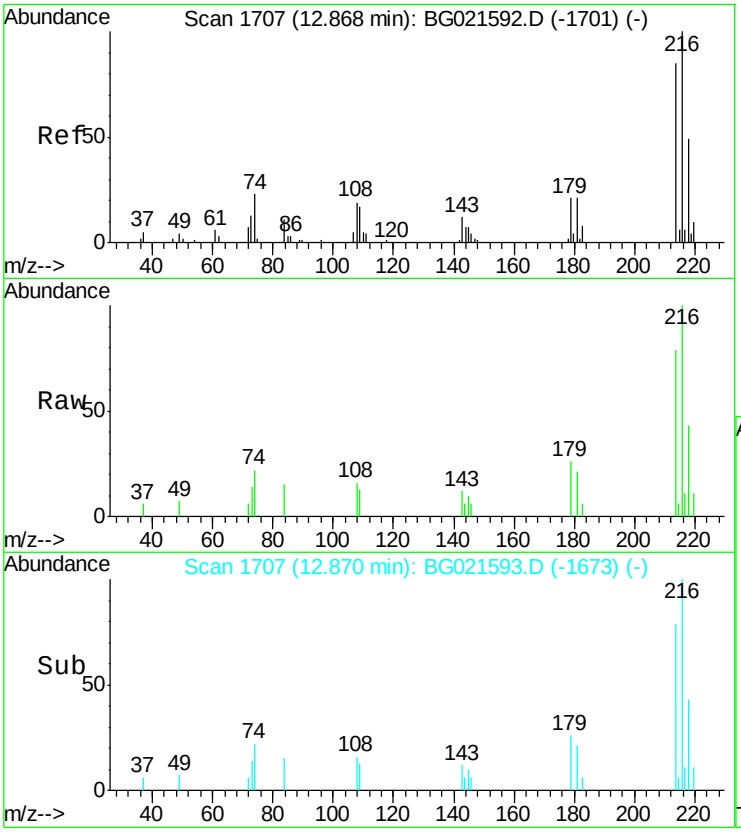


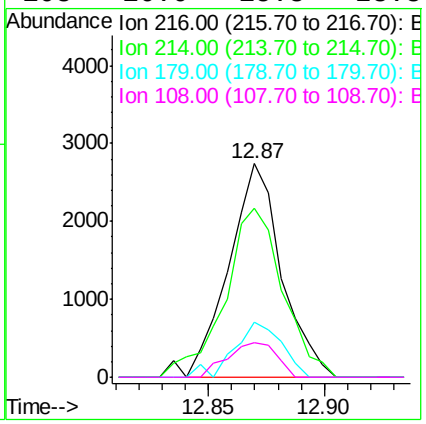


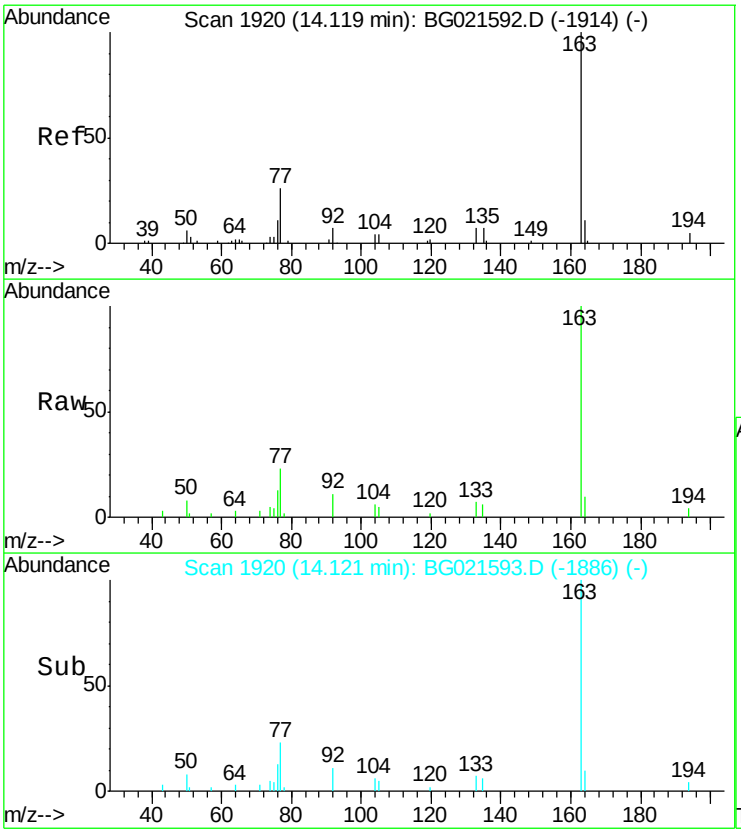

#37
1,2,4,5-Tetrachlorobenzene
Concen: 4.83 ng/ul
RT: 12.87 min Scan# 1707
Delta R.T. 0.00 min
Lab File: BG021593.D
Acq: 31 Mar 2016 11:53

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

Tgt Ion:216 Resp: 4341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 85.2 | 57.8 | 86.8 |
| 179 | 25.9 | 19.5 | 29.3 |
| 108 | 16.0 | 15.8 | 23.8 |

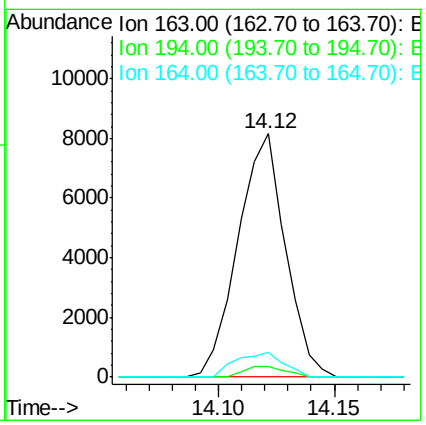


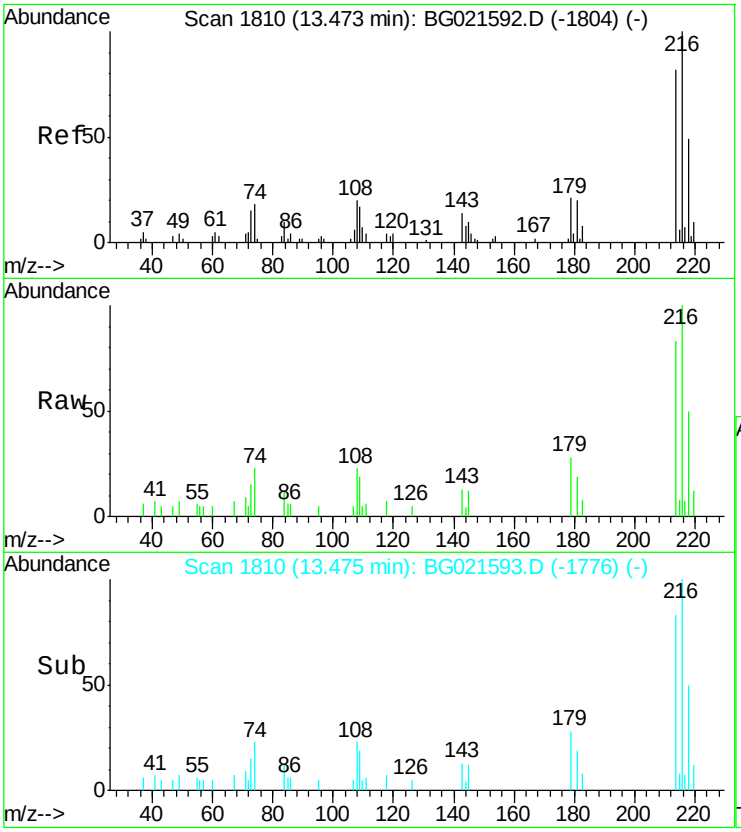




#45
Dimethylphthalate
Concen: 5.26 ng/ul
RT: 14.12 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BG021593.D
Acq: 31 Mar 2016 11:53

Tgt Ion:163 Resp: 11680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.9 | 5.9 |
| 164 | 10.0 | 8.7 | 13.1 |






#73
1,2,3,4-Tetrachlorobenzene
Concen: 5.89 ng/uL
RT: 13.48 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BG021593.D
Acq: 31 Mar 2016 11:53

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

Tgt Ion:216 Resp: 5637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 76.9 | 69.2 | 103.8 |
| 218 | 46.3 | 41.4 | 62.0 |