Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
Data File : BG020799.D
Acq On : 4 Feb 2016 23:43
Operator : SJ/IZ
Sample : H1334-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BBG12

Quant Time: Feb 05 07:55:05 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 05 07:34:32 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.28 | 152 | 22277 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.10 | 136 | 111708 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.89 | 164 | 62226 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.62 | 188 | 118501 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.90 | 240 | 104385 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 25.29 | 264 | 97484 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.61 | 96 | 901 | 1.94 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.41 | 99 | 24294 | 10.65 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.59 | 67 | 14923 | 12.56 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.80 | 132 | 21030 | 12.28 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.97 | 113 | 19045 | 9.68 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.45 | 128 | 10648 | 15.62 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.17 | 143 | 9794 | 16.39 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.71 | 165 | 20655 | 12.66 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.23 | 131 | 28918 | 12.61 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.28 | 166 | 68822 | 12.95 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.58 | 160 | 90182 | 13.92 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 15.05 | 143 | 8671 | 9.22 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.87 | 176 | 58966 | 12.69 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.97 | 200 | 4110 | 10.50 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.72 | 188 | 85421 | 14.66 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.99 | 212 | 82975 | 14.65 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 25.05 | 264 | 79734 | 15.26 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 45) Dimethylphthalate | 14.33 | 163 | 20261 | 3.65 | ng/ul# | 96 |
| 70) Phenanthrene | 17.66 | 178 | 7780 | 1.05 | ng/ul | 98 |
| 77) Fluoranthene | 19.65 | 202 | 9495 | 1.24 | ng/ul# | 80 |
| 80) Pyrene | 20.01 | 202 | 8379 | 1.06 | ng/ul# | 72 |

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

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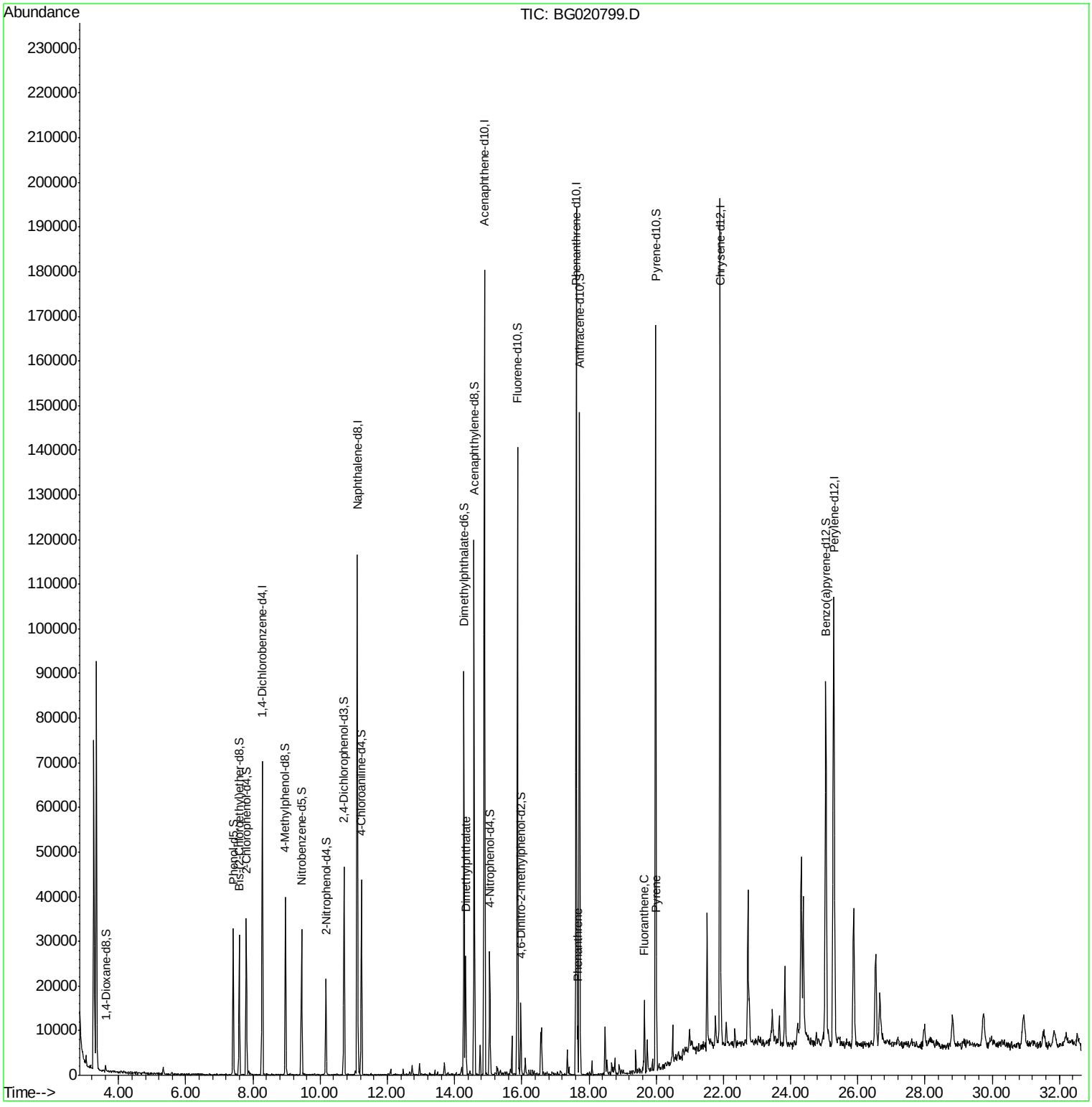
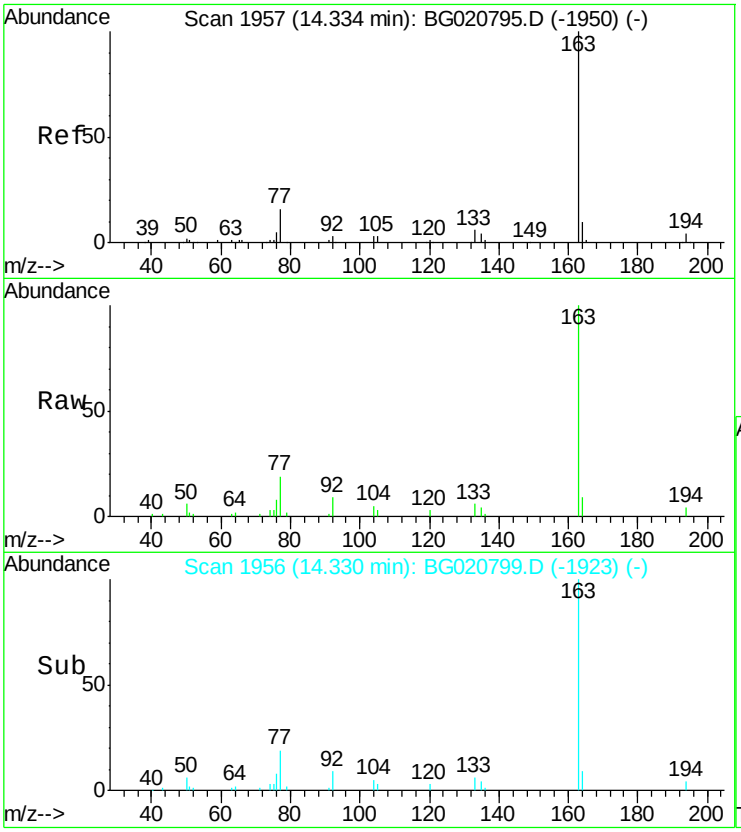


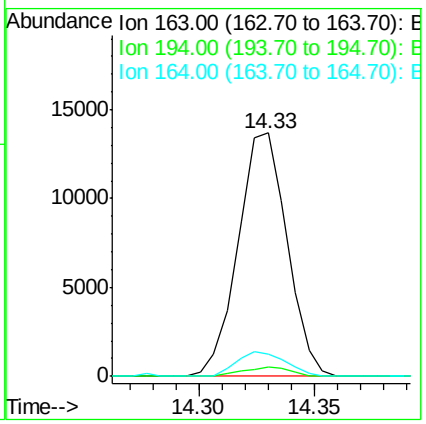


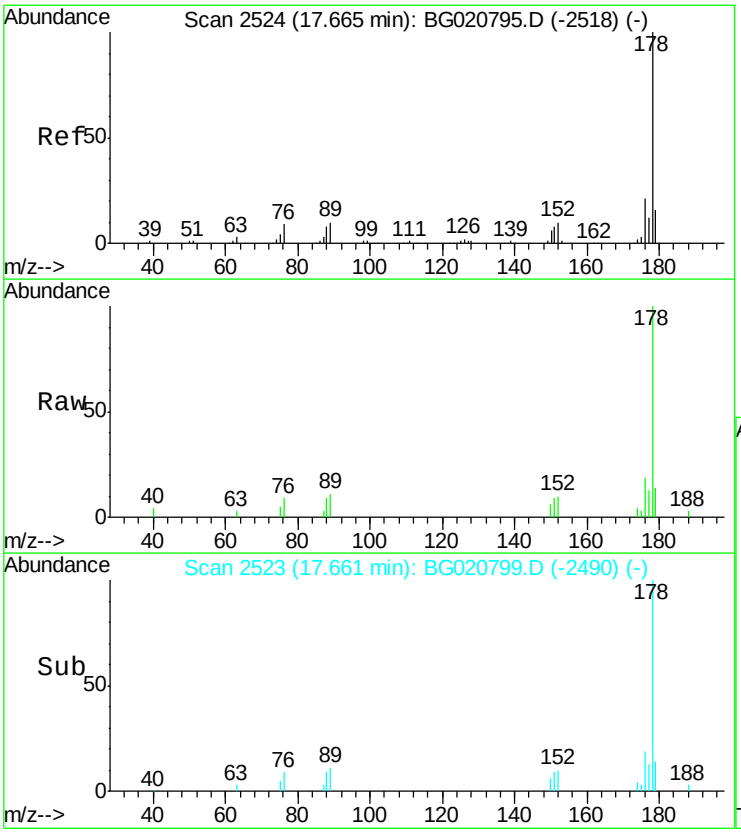

#45
Dimethylphthalate
Concen: 3.65 ng/ul
RT: 14.33 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG020799.D
Acq: 4 Feb 2016 23:43

**Instrument :**
BNA_G
**ClientSampleId :**
BBG12

Tgt Ion:163 Resp: 20261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.7 | 4.0 | 6.0# |
| 164 | 8.9 | 8.4 | 12.6 |

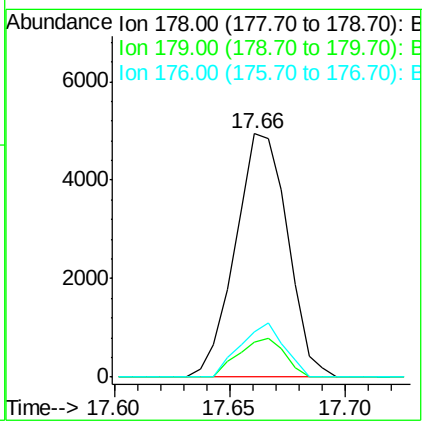


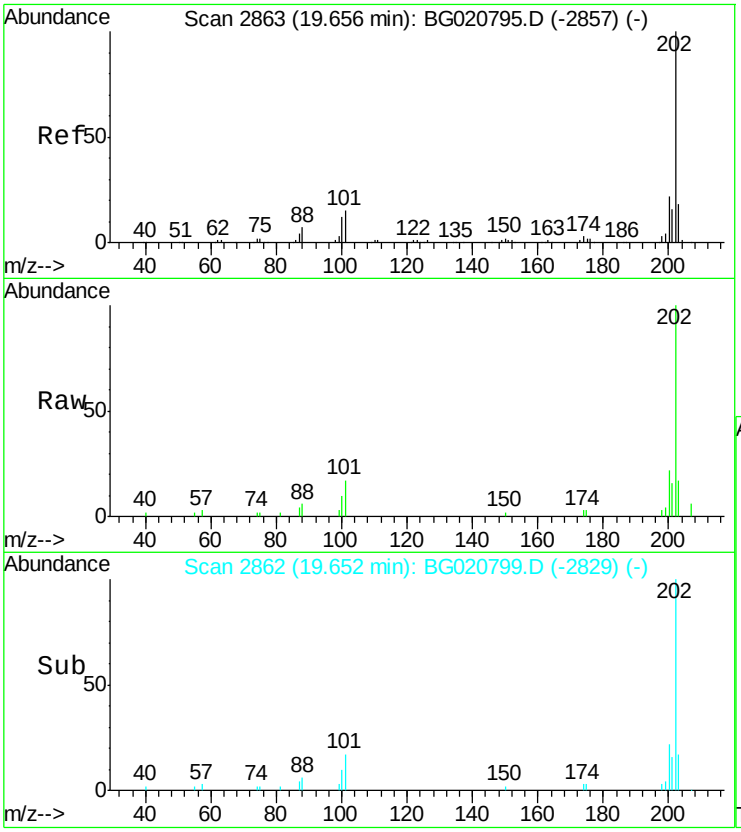




#70
Phenanthrene
Concen: 1.05 ng/ul
RT: 17.66 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG020799.D
Acq: 4 Feb 2016 23:43

Tgt Ion:178 Resp: 7780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 14.4 | 12.3 | 18.5 |
| 176 | 18.5 | 15.4 | 23.0 |



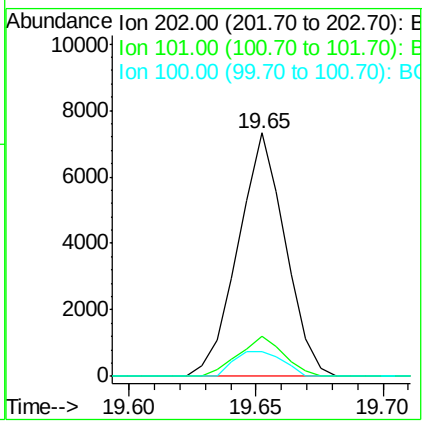


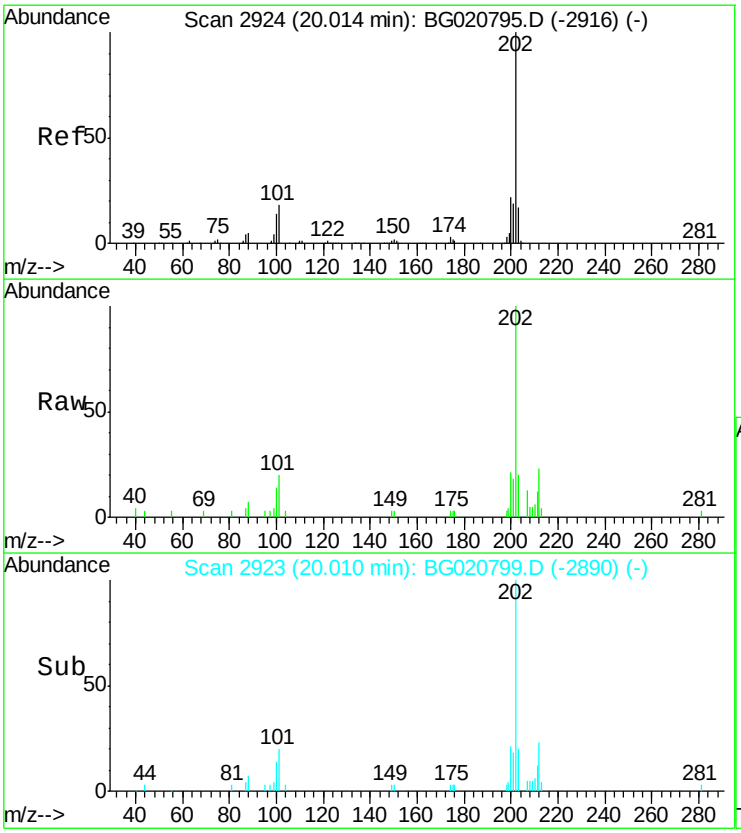

#77
Fluoranthene
Concen: 1.24 ng/ul
RT: 19.65 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BG020799.D
Acq: 4 Feb 2016 23:43

**Instrument :**
BNA_G
**ClientSampleId :**
BBG12

Tgt Ion:202 Resp: 9495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 16.6 | 6.1 | 9.1# |
| 100 | 10.2 | 4.6 | 7.0# |




#80
Pyrene
Concen: 1.06 ng/ul
RT: 20.01 min Scan# 2923
Delta R.T. -0.00 min
Lab File: BG020799.D
Acq: 4 Feb 2016 23:43

Tgt Ion:202 Resp: 8379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 20.5 | 6.9 | 10.3# |
| 100 | 14.1 | 5.6 | 8.4# |