Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012818\
Data File : BG032397.D
Acq On : 28 Jan 2018 20:18
Operator : SJ/JU
Sample : J1296-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jan 29 05:04:31 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:59:53 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.72 | 152 | 25544 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.60 | 136 | 103267 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 15.36 | 164 | 74103 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 18.09 | 188 | 213779 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 22.41 | 240 | 292208 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 26.09 | 264 | 313417 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.78 | 96 | 1819 | 4.31 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.82 | 99 | 41896 | 23.87 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 8.01 | 67 | 20084 | 24.25 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 8.24 | 132 | 40251 | 24.58 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 9.42 | 113 | 41887 | 26.28 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.92 | 128 | 19251 | 25.58 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.65 | 143 | 25068 | 27.79 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 11.20 | 165 | 51970 | 26.25 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.72 | 131 | 57850 | 41.90 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.73 | 166 | 189314 | 30.60 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 15.06 | 160 | 222660 | 29.36 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.51 | 143 | 22721 | 27.56 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 16.34 | 176 | 174807 | 30.34 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.43 | 200 | 32026 | 24.28 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 18.18 | 188 | 298871 | 29.07 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 20.42 | 212 | 407725 | 30.07 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 25.84 | 264 | 440213 | 30.38 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.85 | 94 | 4053 | 2.356 | ng/ul | 94 |
| 44) Dimethylphthalate | 14.78 | 163 | 144243 | 24.291 | ng/ul | 99 |
| 45) 2,6-Dinitrotoluene | 14.77 | 165 | 1727 | 1.425 | ng/ul# | 65 |

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

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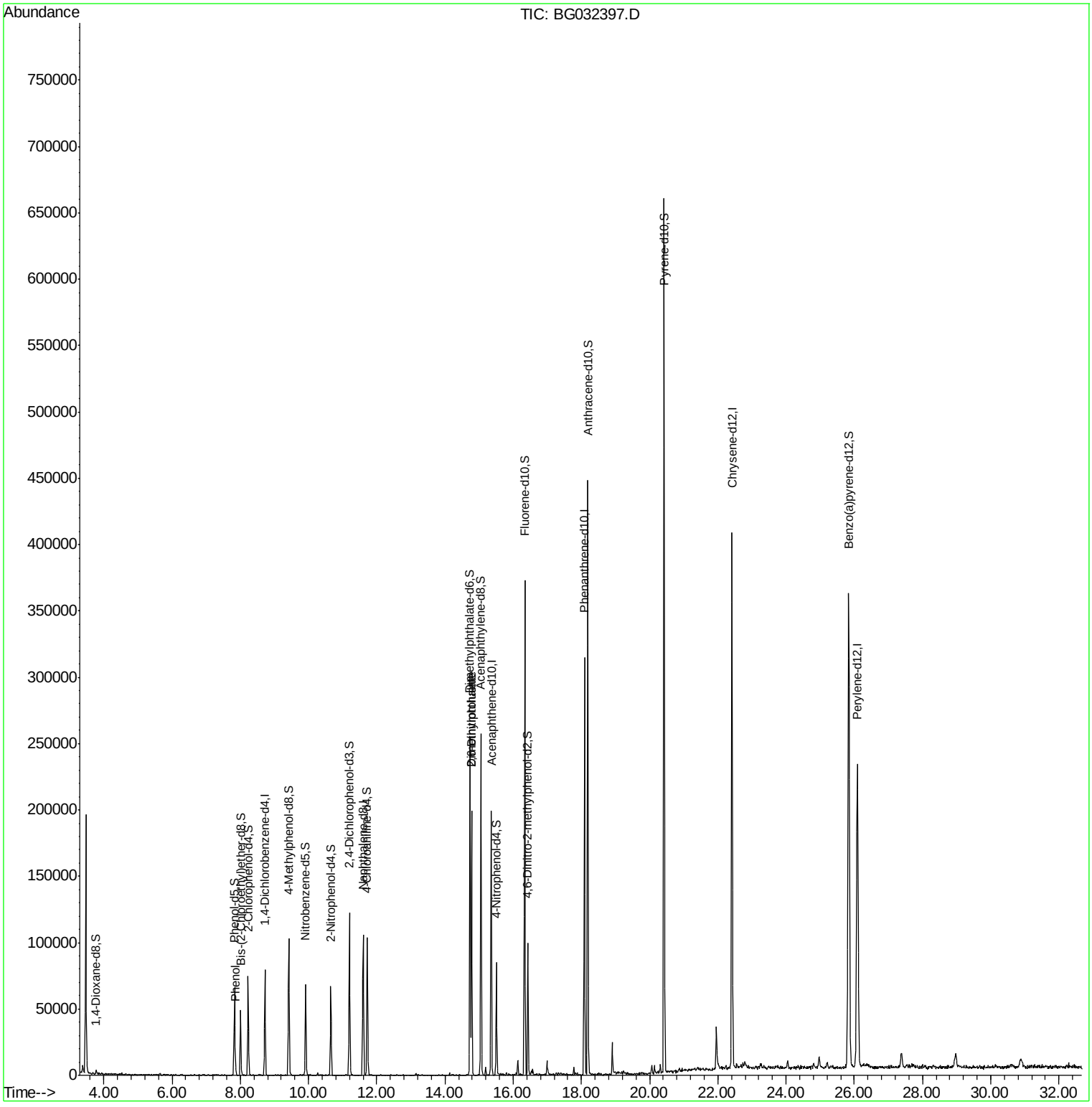
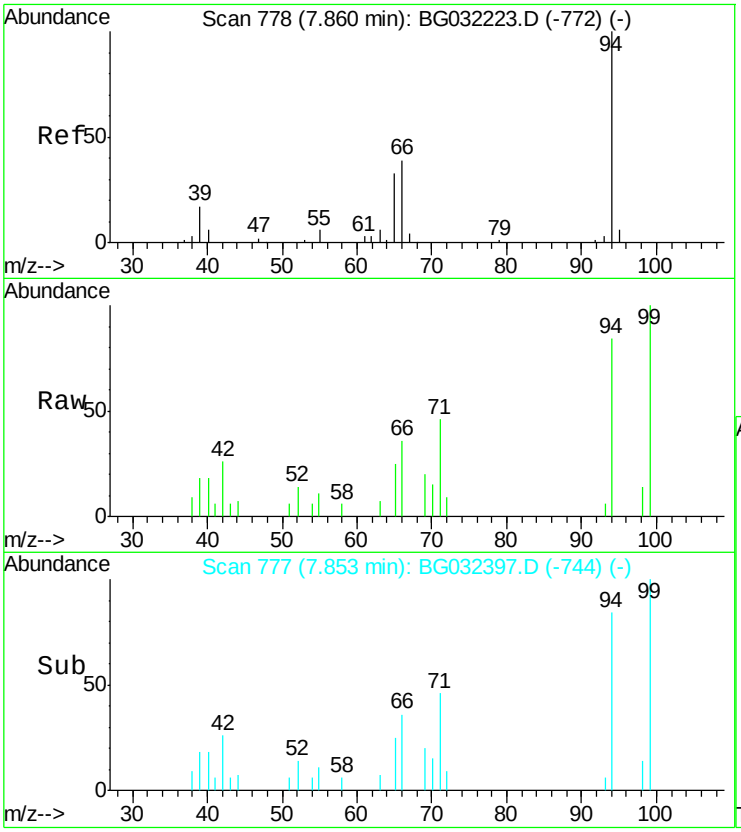


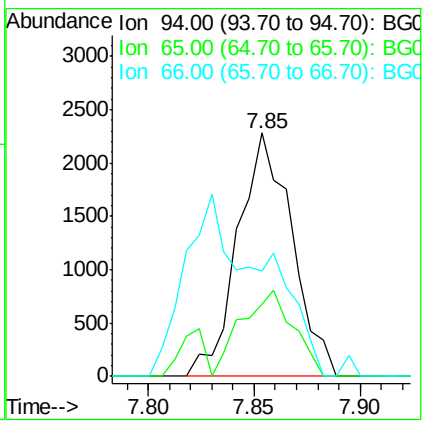


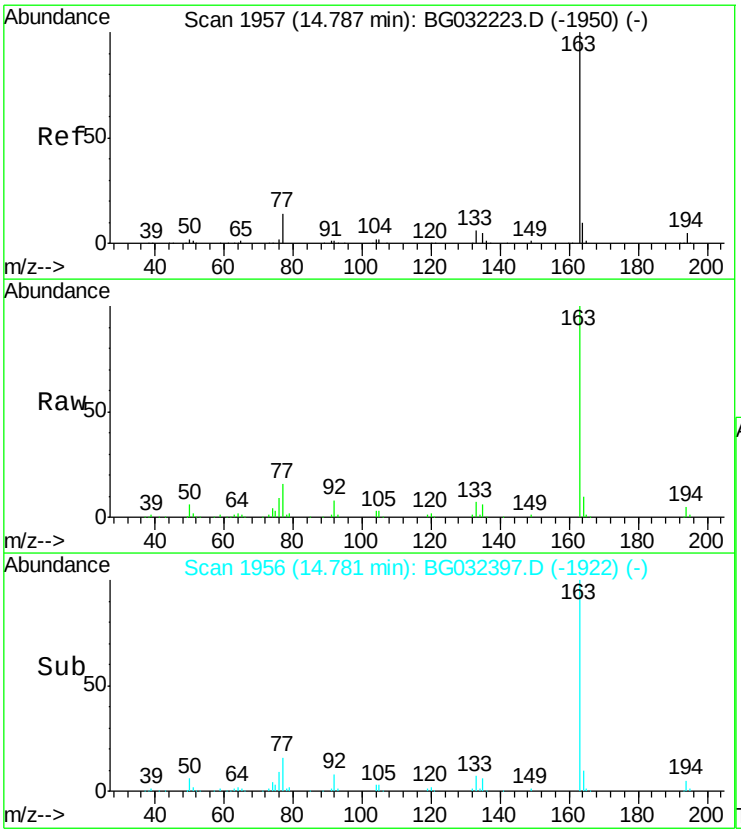

#6
Phenol
Concen: 2.356 ng/ul
RT: 7.85 min Scan# 777
Delta R.T. -0.01 min
Lab File: BG032397.D
Acq: 28 Jan 2018 20:18

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

Tgt Ion: 94 Resp: 4053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.7 | 23.0 | 34.6 |
| 66 | 43.5 | 30.4 | 45.6 |

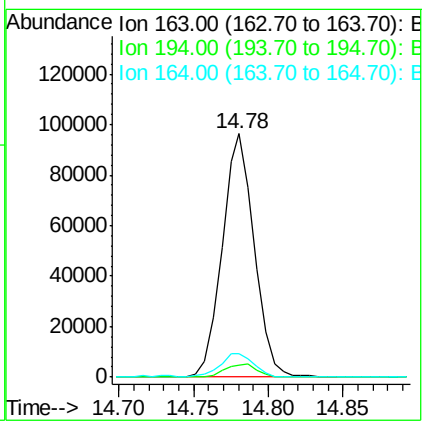


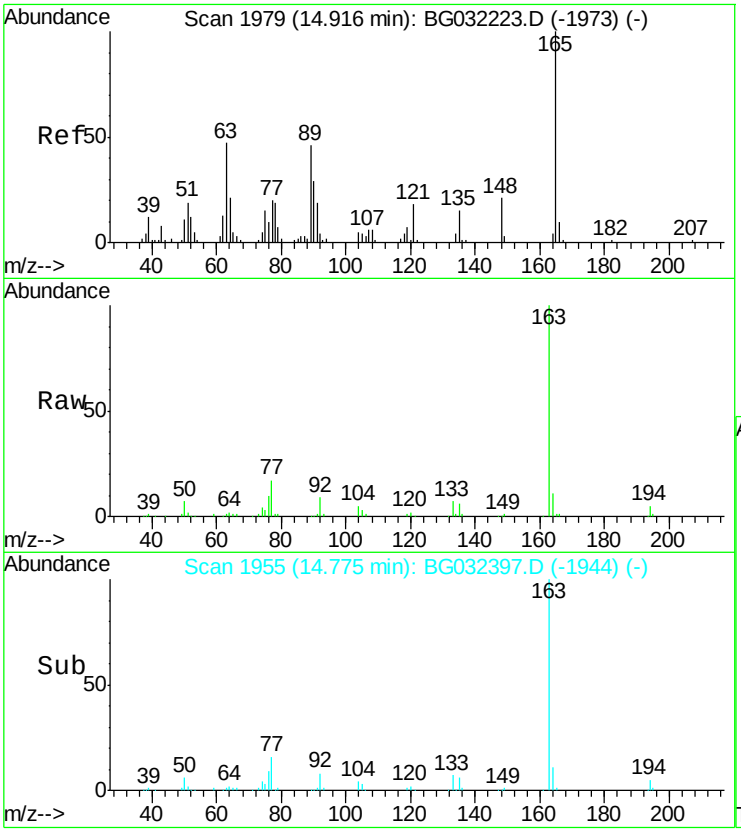




#44
Dimethylphthalate
Concen: 24.291 ng/ul
RT: 14.78 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG032397.D
Acq: 28 Jan 2018 20:18

Tgt Ion:163 Resp: 144243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 5.0 | 4.0 | 6.0 |
| 164 | 9.9 | 8.4 | 12.6 |






#45
2,6-Dinitrotoluene
Concen: 1.425 ng/ul
RT: 14.77 min Scan# 1955
Delta R.T. -0.14 min
Lab File: BG032397.D
Acq: 28 Jan 2018 20:18

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

Tgt Ion:165 Resp: 1727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 89 | 20.9 | 43.8 | 65.8# |
| 121 | 24.9 | 17.8 | 26.6 |