Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120916\
Data File : BG025054.D
Acq On : 10 Dec 2016 3:49
Operator : UM/SJ
Sample : H5860-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA8E5

Quant Time: Dec 12 03:14:46 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 03:10:41 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.24 | 152 | 99503 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.07 | 136 | 415249 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.87 | 164 | 341996 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.60 | 188 | 757664 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.89 | 240 | 942164 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.31 | 264 | 910478 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.61 | 96 | 3576 | 1.86 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.39 | 99 | 109482 | 12.75 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.56 | 67 | 65770 | 12.38 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.77 | 132 | 75753 | 12.62 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.94 | 113 | 79174 | 11.04 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.42 | 128 | 43370 | 14.75 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.15 | 143 | 46503 | 12.69 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.69 | 165 | 94170 | 13.36 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.21 | 131 | 91251 | 13.17 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.25 | 166 | 316778 | 13.47 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.56 | 160 | 385778 | 14.97 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.05 | 143 | 39424 | 9.75 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.85 | 176 | 327263 | 14.78 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.97 | 200 | 47906 | 10.23 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.70 | 188 | 475002 | 14.85 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.98 | 212 | 617131 | 15.90 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.07 | 264 | 576242 | 15.62 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.42 | 94 | 18059 | 2.05 | ng/ul | 89 |
| 44) Dimethylphthalate | 14.30 | 163 | 81617 | 3.53 | ng/ul | 99 |
| 69) Phenanthrene | 17.64 | 178 | 46289 | 1.28 | ng/ul# | 92 |
| 74) Fluoranthene | 19.64 | 202 | 117842 | 2.74 | ng/ul# | 95 |
| 77) Pyrene | 20.01 | 202 | 97746 | 2.16 | ng/ul | 98 |
| 82) Chrysene | 21.95 | 228 | 58132 | 1.27 | ng/ul# | 86 |
| 85) Benzo(b)fluoranthene | 24.21 | 252 | 67976 | 1.51 | ng/ul# | 95 |

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

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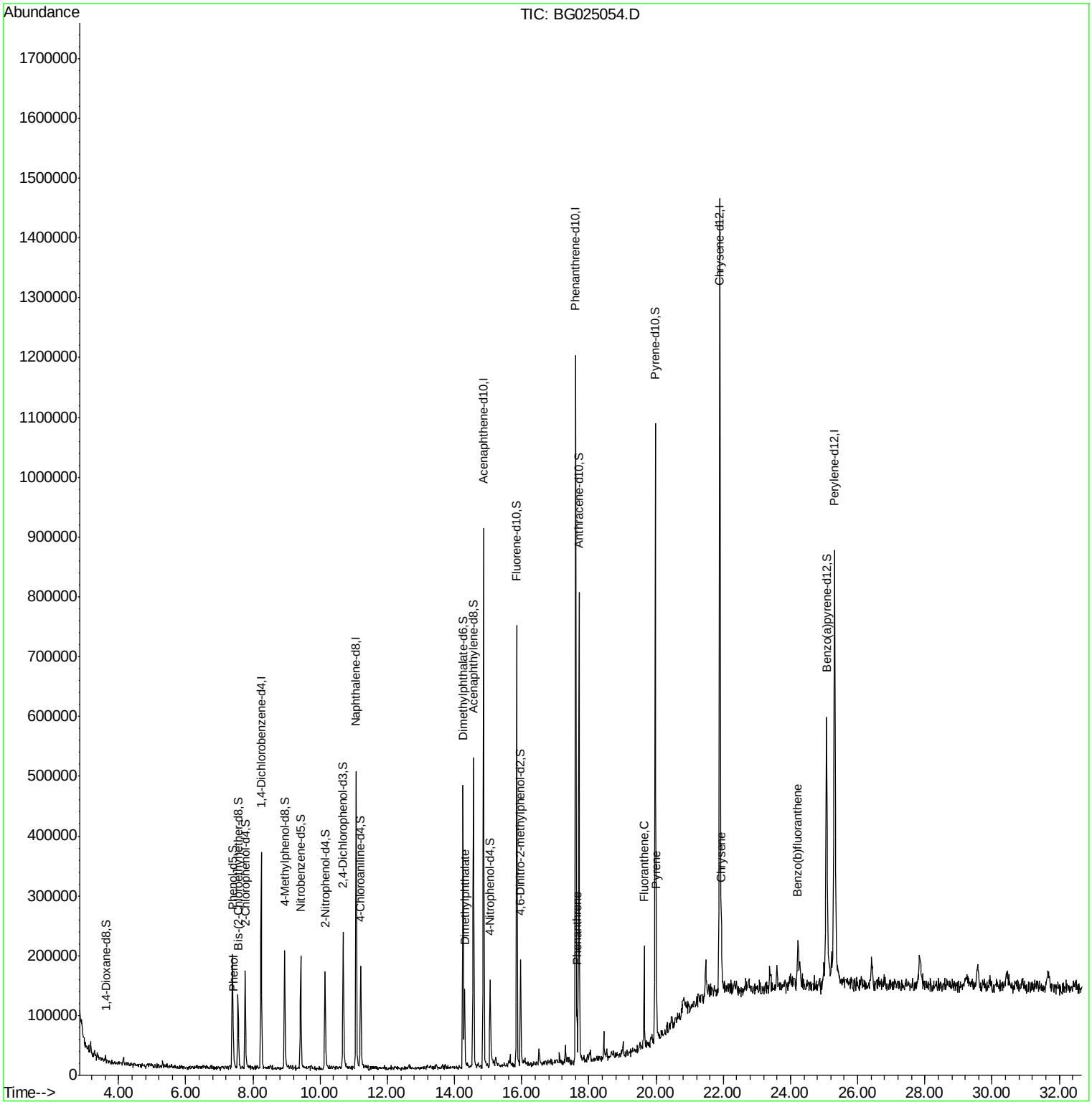
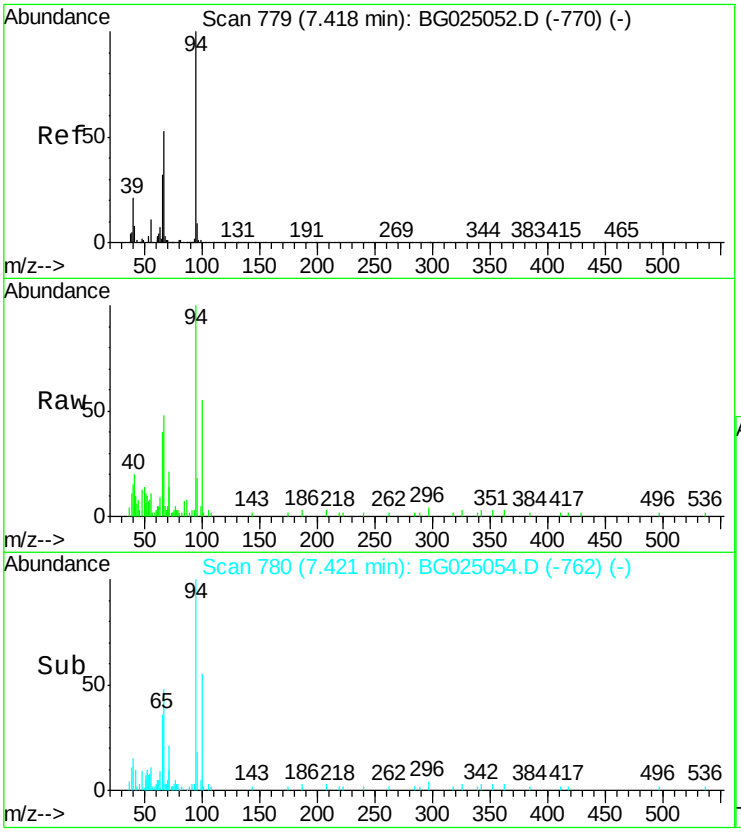
Acq On : 10 Dec 2016 3:49
Operator : UM/SJ
Sample : H5860-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DA8E5

Quant Time: Dec 12 03:14:46 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 03:10:41 2016
Response via : Initial Calibration



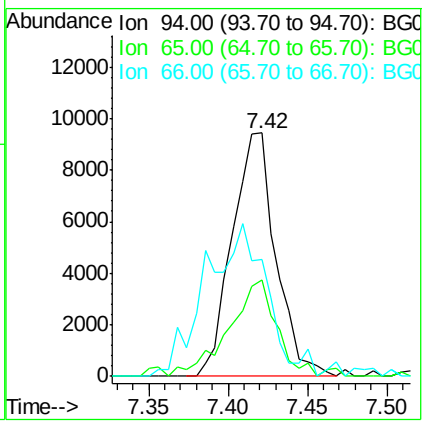


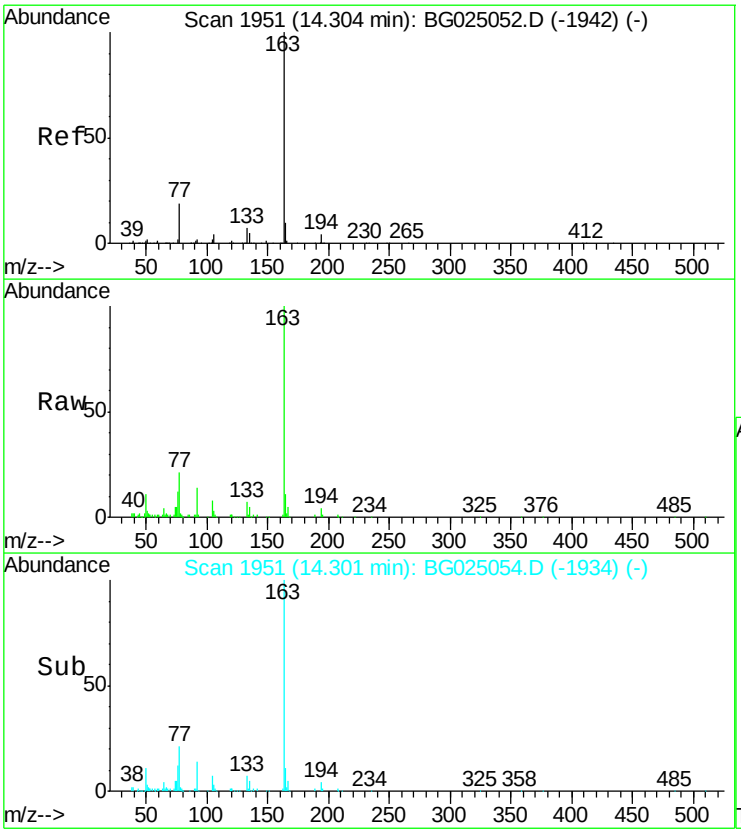

#6
Phenol
Concen: 2.05 ng/ul
RT: 7.42 min Scan# 780
Delta R.T. 0.00 min
Lab File: BG025054.D
Acq: 10 Dec 2016 3:49

**Instrument :**
BNA_G
**ClientSampleId :**
DA8E5

Tgt Ion: 94 Resp: 18059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 39.8 | 26.8 | 40.2 |
| 66 | 47.9 | 44.4 | 66.6 |

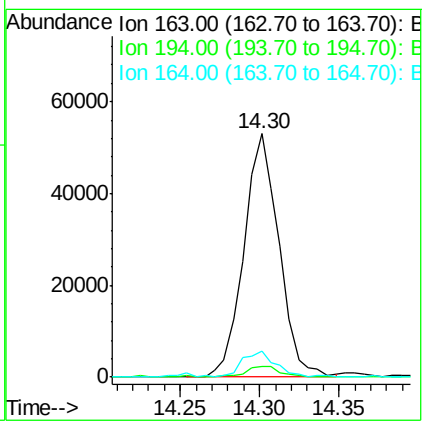


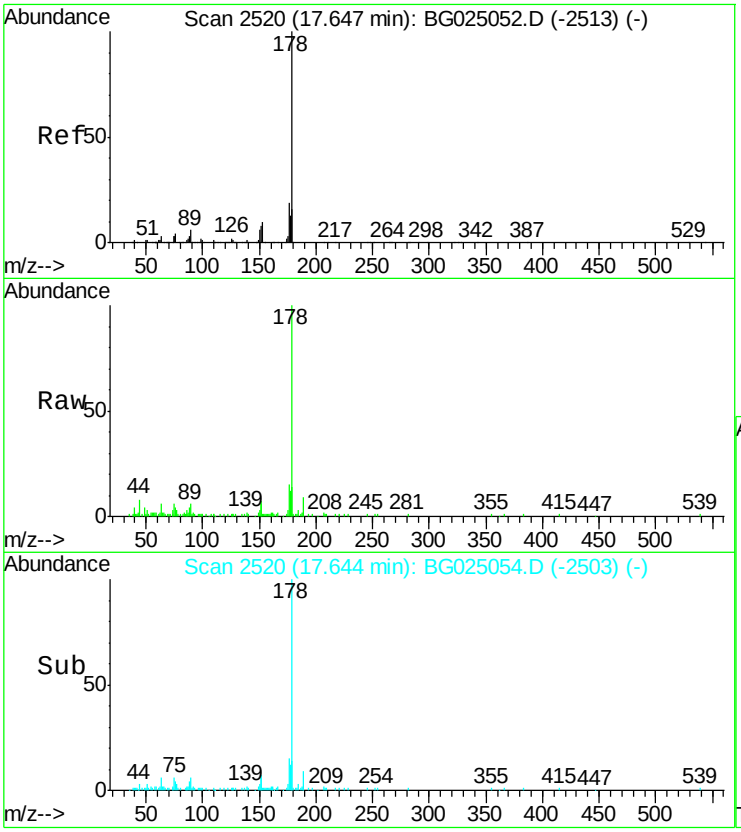




#44
Dimethylphthalate
Concen: 3.53 ng/ul
RT: 14.30 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG025054.D
Acq: 10 Dec 2016 3:49

Tgt Ion:163 Resp: 81617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.4 | 3.4 | 5.0 |
| 164 | 10.9 | 9.0 | 13.4 |



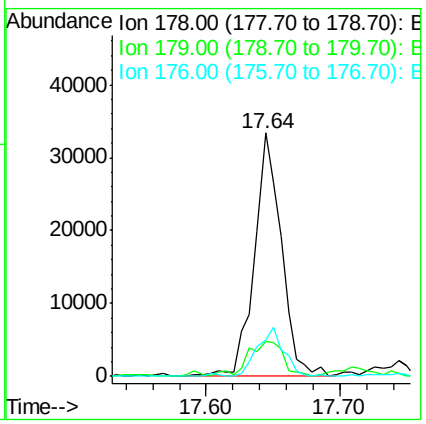


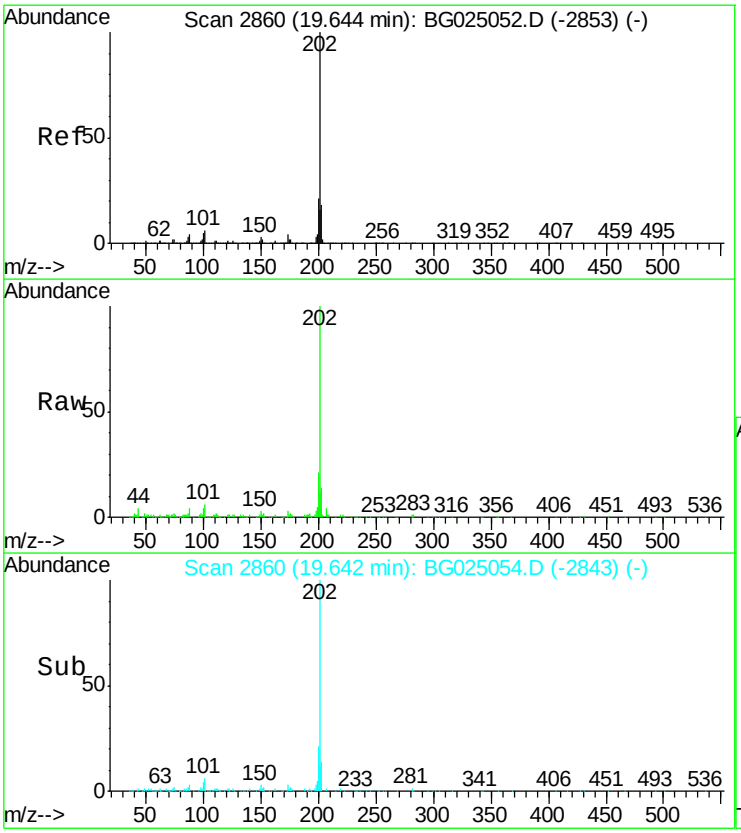

#69
Phenanthrene
Concen: 1.28 ng/ul
RT: 17.64 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BG025054.D
Acq: 10 Dec 2016 3:49

**Instrument :**
BNA_G
**ClientSampleId :**
DA8E5

Tgt Ion:178 Resp: 46289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 14.3 | 12.4 | 18.6 |
| 176 | 14.9 | 16.5 | 24.7# |

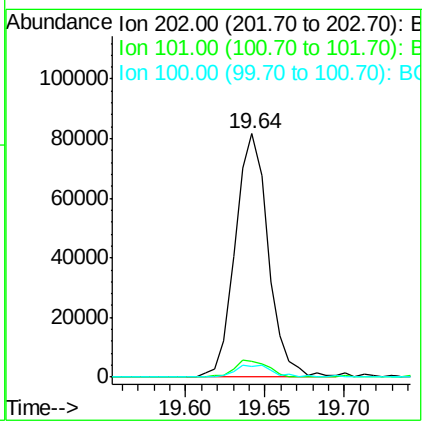


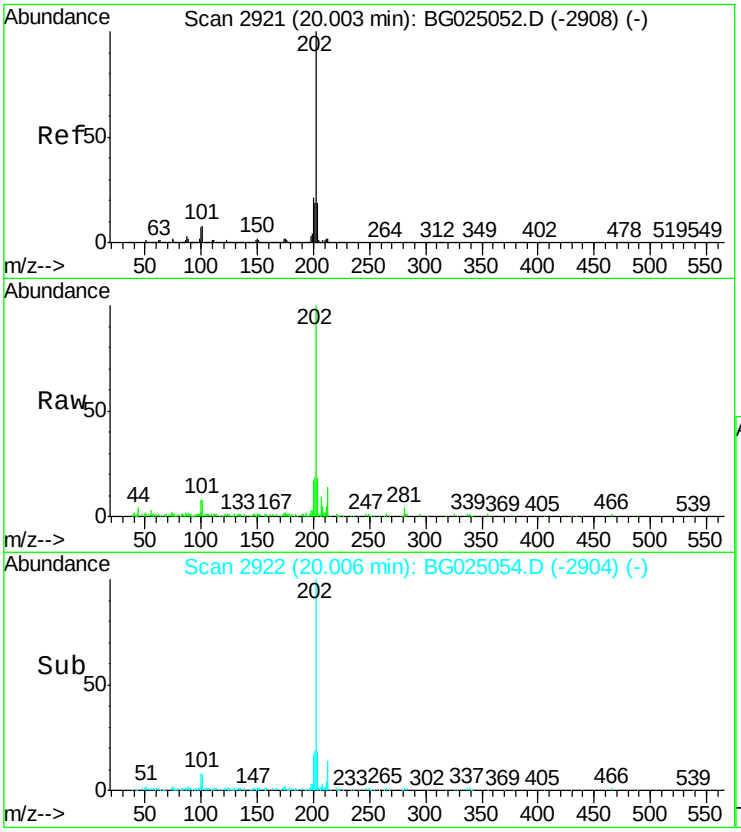




#74
Fluoranthene
Concen: 2.74 ng/ul
RT: 19.64 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BG025054.D
Acq: 10 Dec 2016 3:49

Tgt Ion:202 Resp: 117842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.2 | 6.2 | 9.2 |
| 100 | 4.2 | 5.2 | 7.8# |



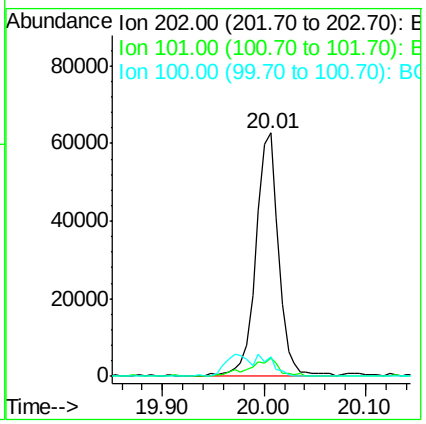


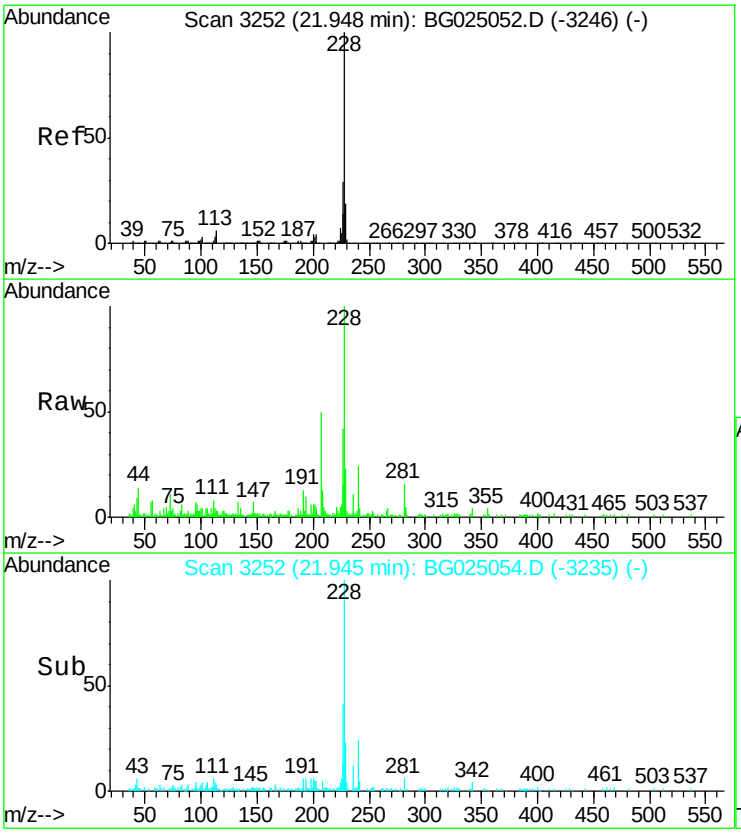

#77
Pyrene
Concen: 2.16 ng/ul
RT: 20.01 min Scan# 2922
Delta R.T. 0.00 min
Lab File: BG025054.D
Acq: 10 Dec 2016 3:49

**Instrument :**
BNA_G
**ClientSampleId :**
DA8E5

Tgt Ion:202 Resp: 97746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.8 | 6.9 | 10.3 |
| 100 | 8.0 | 6.6 | 10.0 |

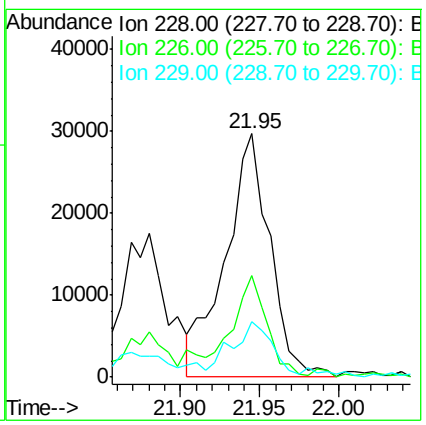


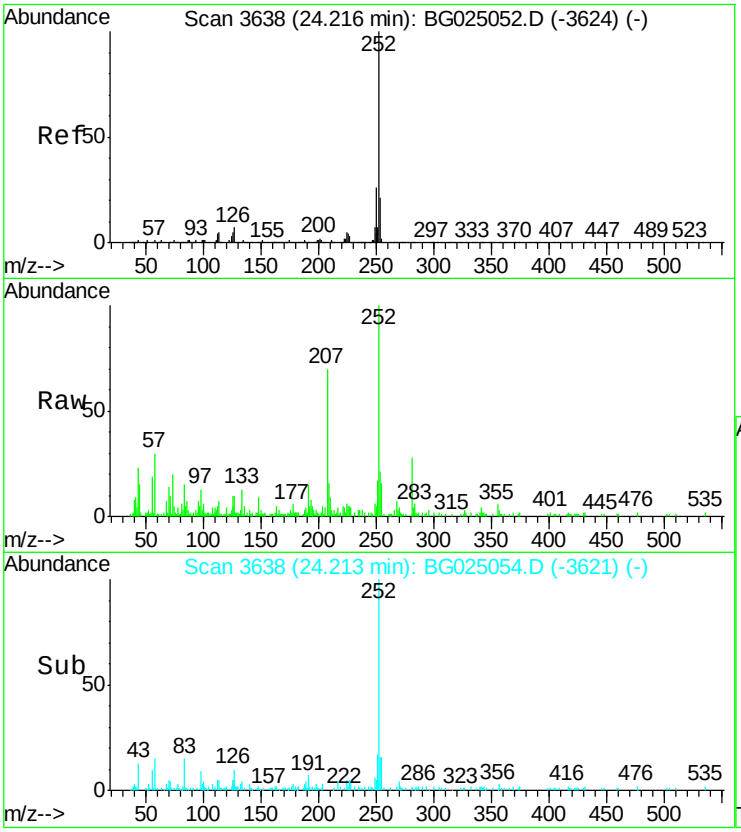




#82
Chrysene
Concen: 1.27 ng/ul
RT: 21.95 min Scan# 3252
Delta R.T. -0.00 min
Lab File: BG025054.D
Acq: 10 Dec 2016 3:49

Tgt Ion:228 Resp: 58132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 41.7 | 24.0 | 36.0# |
| 229 | 22.8 | 16.9 | 25.3 |






#85
Benzo(b)fluoranthene
Concen: 1.51 ng/ul
RT: 24.21 min Scan# 3638
Delta R.T. -0.00 min
Lab File: BG025054.D
Acq: 10 Dec 2016 3:49

**Instrument :**
BNA_G
**ClientSampleId :**
DA8E5

Tgt Ion:252 Resp: 67976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 20.6 | 17.7 | 26.5 |
| 125 | 9.5 | 4.0 | 6.0# |