Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101417\
Data File : BG029216.D
Acq On : 14 Oct 2017 7:29
Operator : SJ/JU
Sample : I5574-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Oct 14 23:20:27 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 06:44:21 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.17 | 152 | 100477 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.99 | 136 | 430581 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.79 | 164 | 259699 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.52 | 188 | 609506 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.80 | 240 | 570936 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.11 | 264 | 565150 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.55 | 96 | 18419 | 7.45 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.32 | 99 | 373692 | 38.75 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.56 | 67 | 647 | 0.11 | ng/ul | 0.08 |
| 9) 2-Chlorophenol-d4 | 7.70 | 132 | 273012 | 40.13 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.87 | 113 | 305402 | 39.21 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.33 | 128 | 138539 | 44.82 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.06 | 143 | 150580 | 47.55 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.60 | 165 | 279079 | 38.67 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.11 | 131 | 360018 | 42.94 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.19 | 166 | 929868 | 41.88 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.49 | 160 | 1128935 | 41.81 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.96 | 143 | 170699 | 41.65 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.77 | 176 | 801889 | 44.10 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.88 | 200 | 116530 | 39.17 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.62 | 188 | 1239902 | 43.01 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.90 | 212 | 1307192 | 44.23 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 24.88 | 264 | 1179043 | 44.05 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.34 | 94 | 65859 | 6.60 | ng/ul# | 87 |
| 44) Dimethylphthalate | 14.23 | 163 | 320416 | 14.80 | ng/ul | 100 |
| 69) Phenanthrene | 17.56 | 178 | 88675 | 2.69 | ng/ul | 97 |
| 74) Fluoranthene | 19.56 | 202 | 119828 | 3.25 | ng/ul# | 92 |
| 77) Pyrene | 19.92 | 202 | 108317 | 2.83 | ng/ul# | 90 |
| 80) Benzo(a)anthracene | 21.78 | 228 | 42086 | 1.18 | ng/ul | 97 |
| 82) Chrysene | 21.84 | 228 | 41097 | 1.26 | ng/ul | 96 |
| 85) Benzo(b)fluoranthene | 24.05 | 252 | 48403 | 1.43 | ng/ul# | 94 |
| 88) Benzo(a)pyrene | 24.94 | 252 | 34557 | 1.05 | ng/ul# | 96 |

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

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Sample : I5574-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

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

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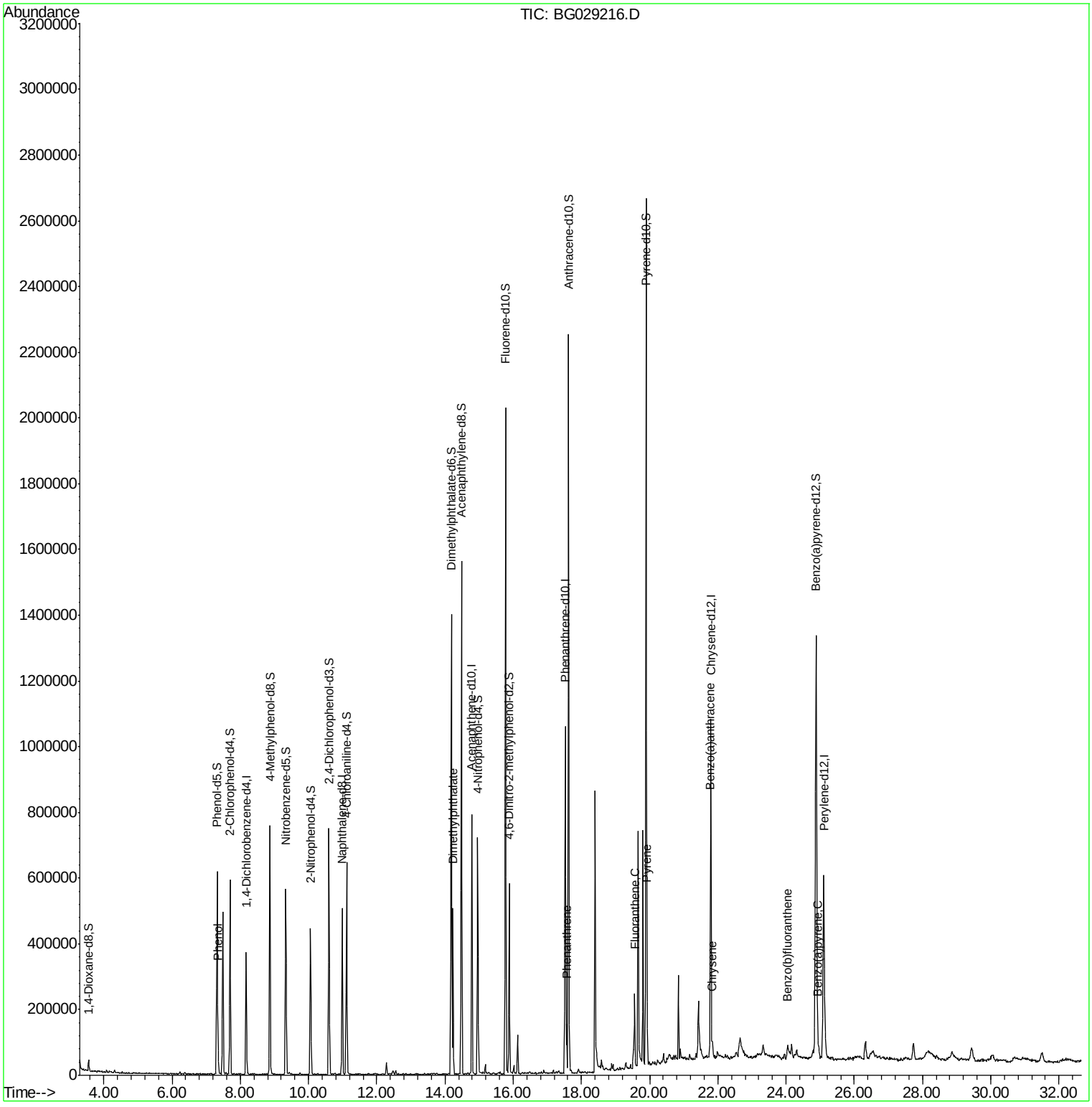
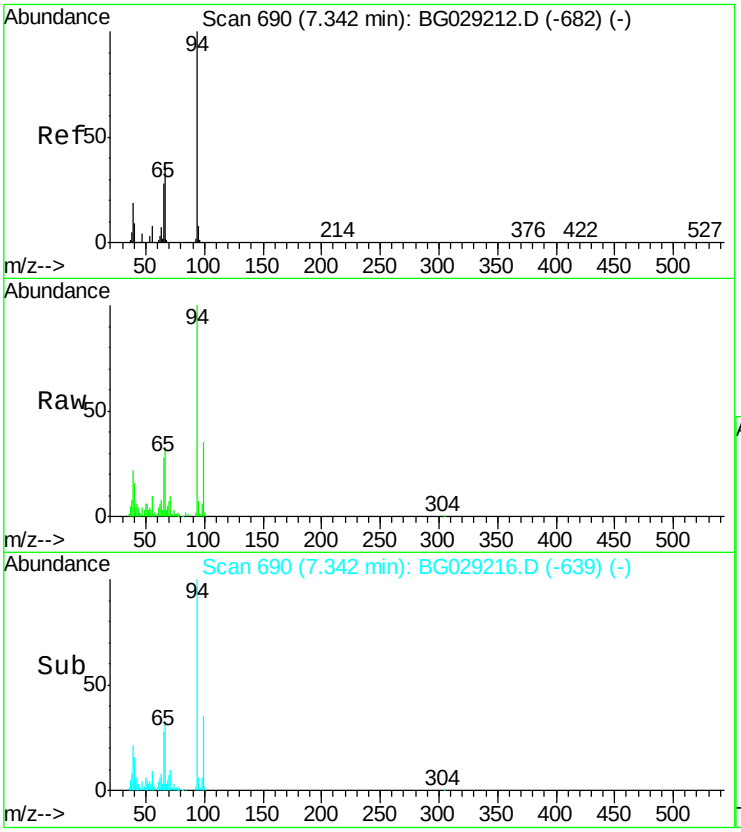
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 06:44:21 2017
Response via : Initial Calibration



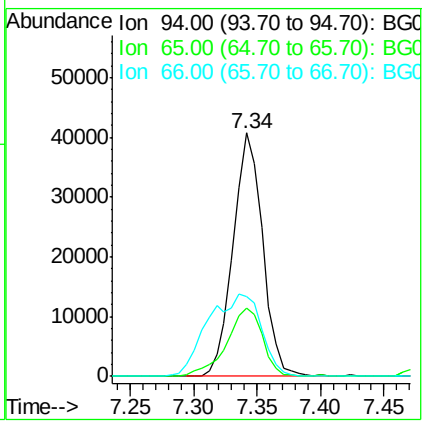


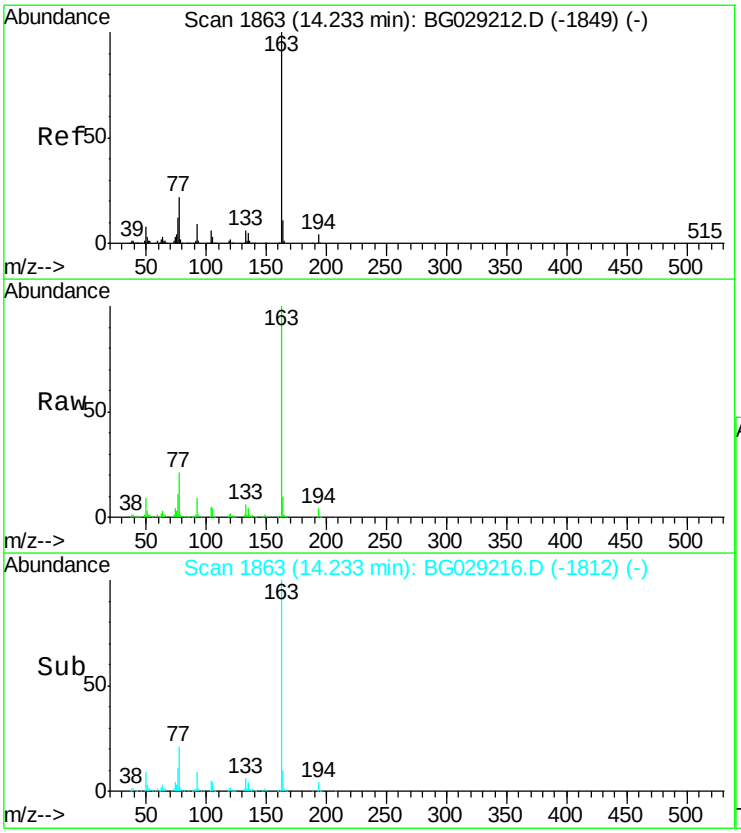

#6
Phenol
Concen: 6.60 ng/ul
RT: 7.34 min Scan# 690
Delta R.T. 0.00 min
Lab File: BG029216.D
Acq: 14 Oct 2017 7:29

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

Tgt Ion: 94 Resp: 65859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 28.2 | 27.1 | 40.7 |
| 66 | 33.0 | 34.6 | 52.0# |

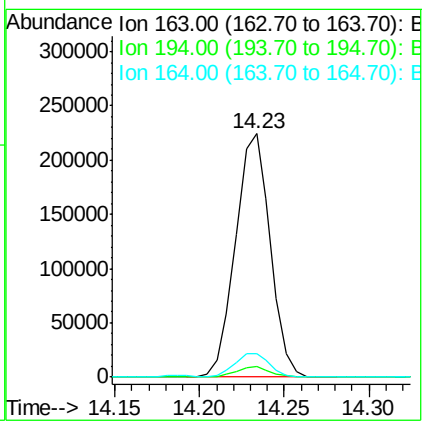


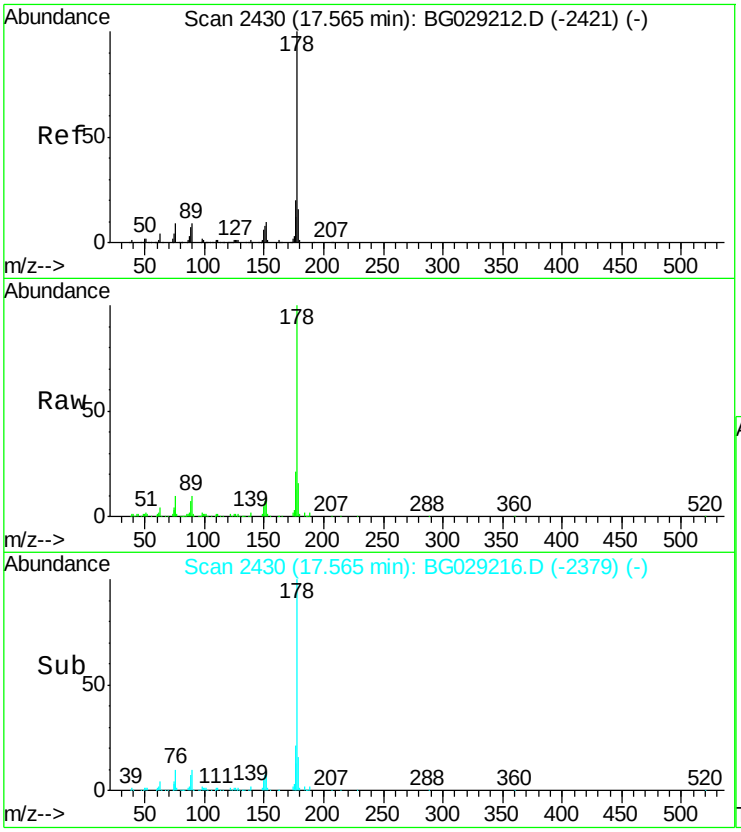




#44
Dimethylphthalate
Concen: 14.80 ng/ul
RT: 14.23 min Scan# 1863
Delta R.T. 0.00 min
Lab File: BG029216.D
Acq: 14 Oct 2017 7:29

Tgt Ion:163 Resp: 320416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.5 | 5.3 |
| 164 | 9.5 | 7.6 | 11.4 |



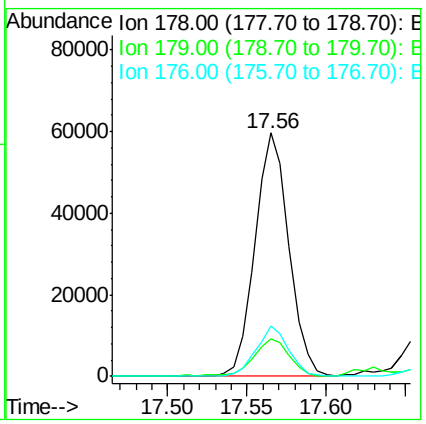


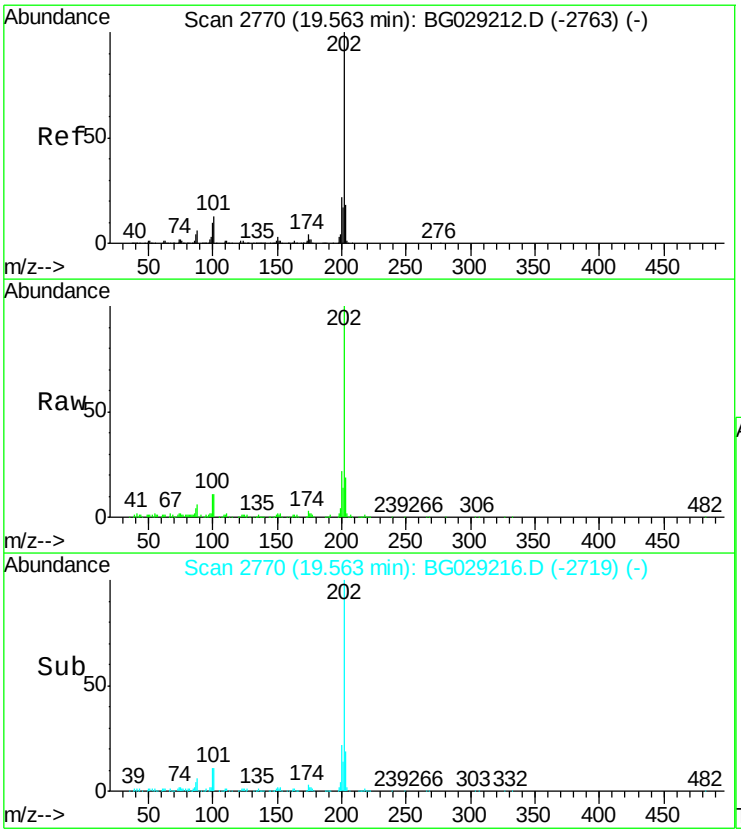

#69
Phenanthrene
Concen: 2.69 ng/ul
RT: 17.56 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG029216.D
Acq: 14 Oct 2017 7:29

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

Tgt Ion:178 Resp: 88675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.5 | 13.0 | 19.6 |
| 176 | 20.7 | 15.3 | 22.9 |

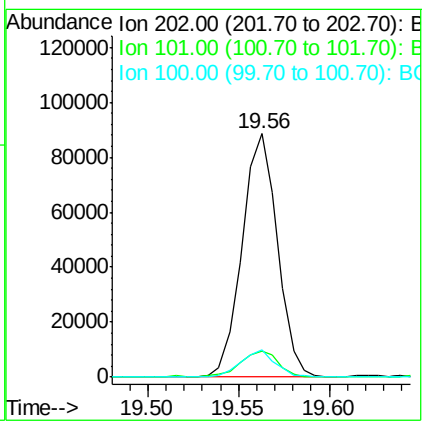


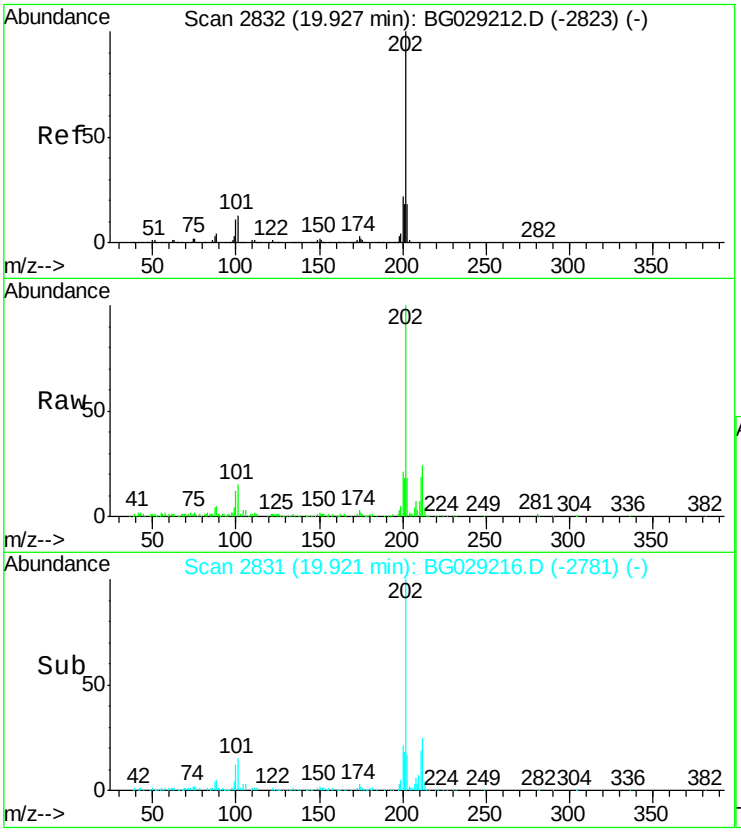




#74
Fluoranthene
Concen: 3.25 ng/ul
RT: 19.56 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BG029216.D
Acq: 14 Oct 2017 7:29

Tgt Ion:202 Resp: 119828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.8 | 7.4 | 11.2 |
| 100 | 11.3 | 5.6 | 8.4# |



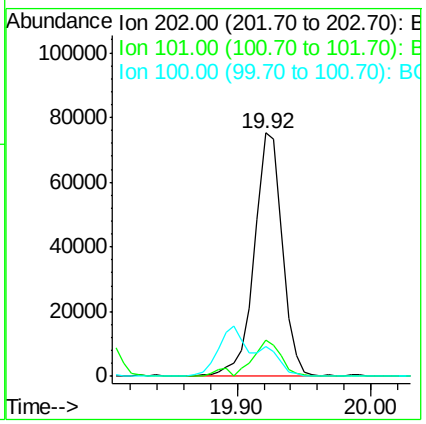


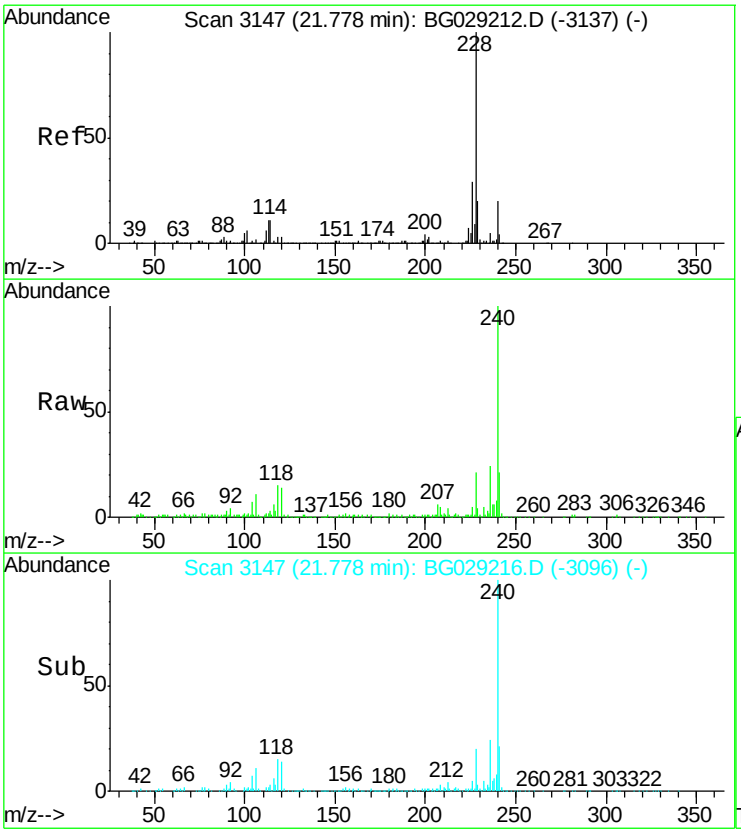

#77
Pyrene
Concen: 2.83 ng/ul
RT: 19.92 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BG029216.D
Acq: 14 Oct 2017 7:29

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

Tgt Ion:202 Resp: 108317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.6 | 8.4 | 12.6# |
| 100 | 12.3 | 7.0 | 10.6# |

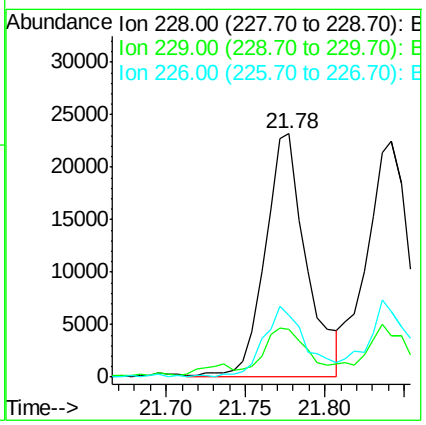


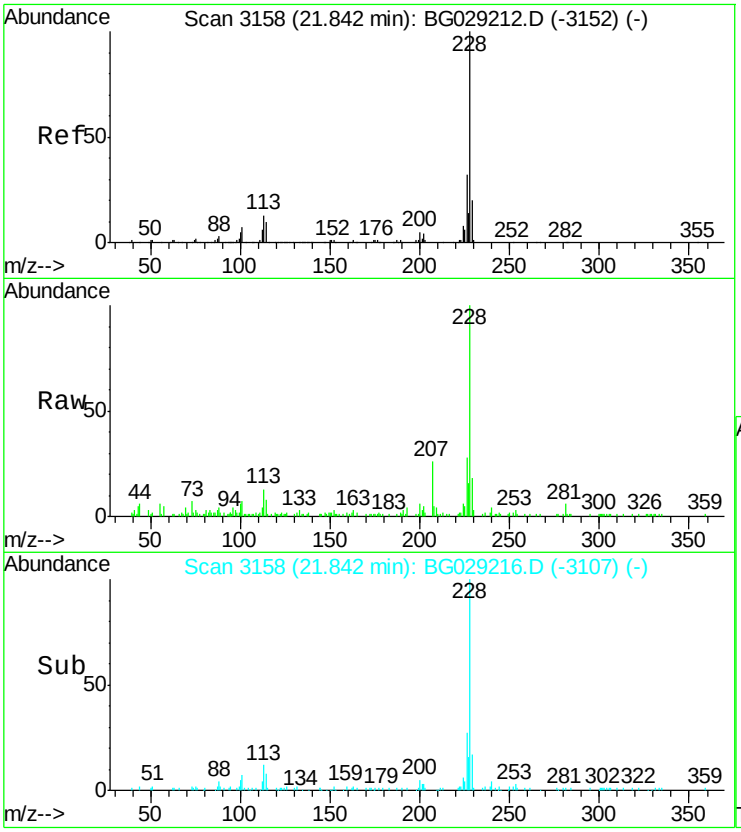




#80
Benzo(a)anthracene
Concen: 1.18 ng/ul
RT: 21.78 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG029216.D
Acq: 14 Oct 2017 7:29

Tgt Ion:228 Resp: 42086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 19.4 | 16.2 | 24.4 |
| 226 | 25.6 | 22.2 | 33.2 |



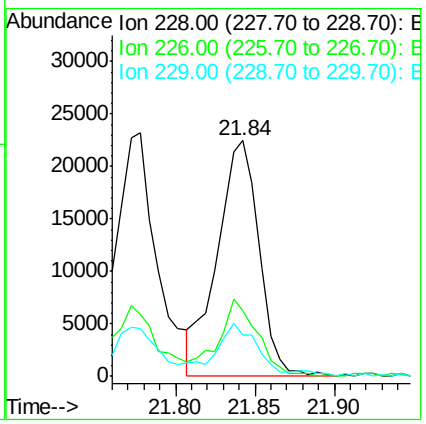


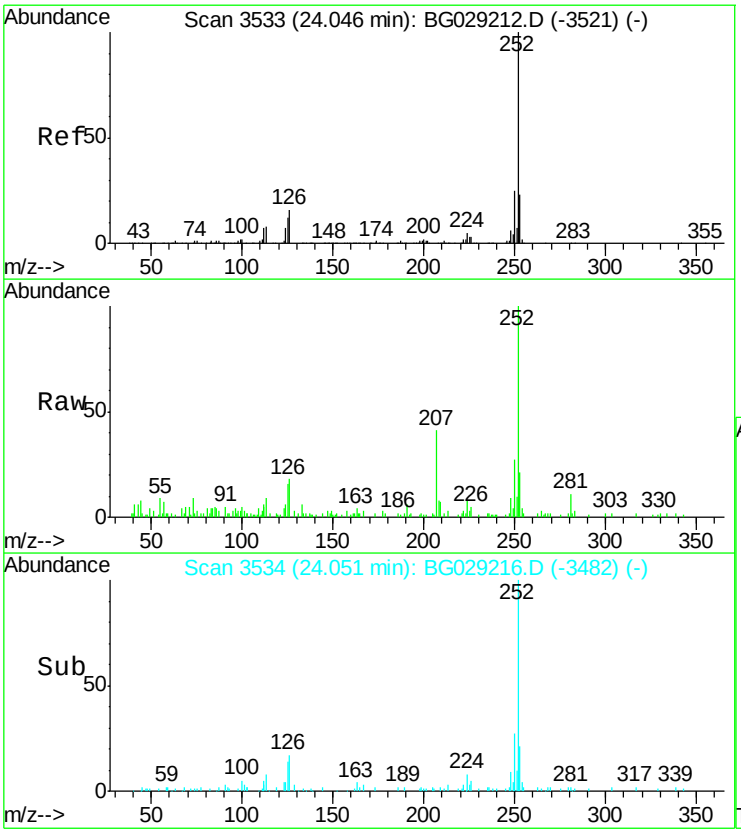

#82
Chrysene
Concen: 1.26 ng/ul
RT: 21.84 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BG029216.D
Acq: 14 Oct 2017 7:29

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

Tgt Ion:228 Resp: 41097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.7 | 24.2 | 36.2 |
| 229 | 17.6 | 15.2 | 22.8 |

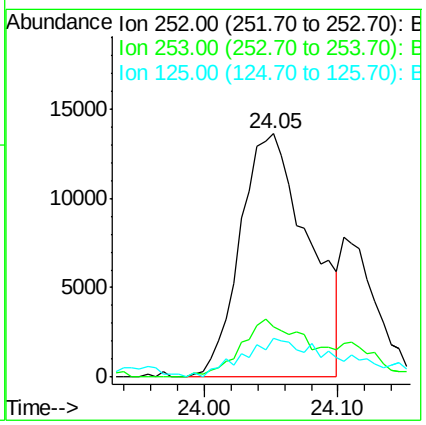


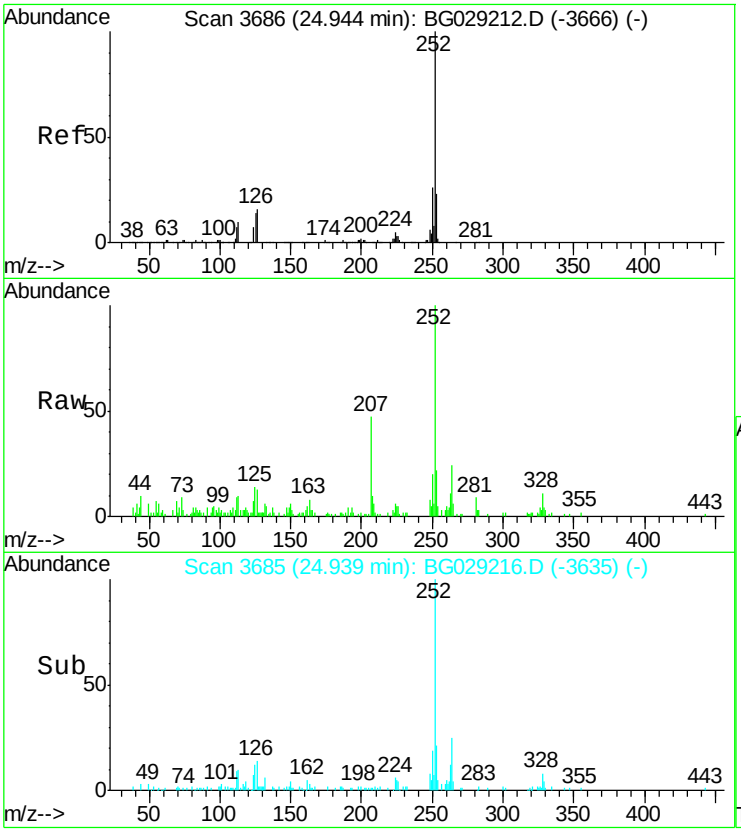




#85
Benzo(b)fluoranthene
Concen: 1.43 ng/ul
RT: 24.05 min Scan# 3534
Delta R.T. 0.01 min
Lab File: BG029216.D
Acq: 14 Oct 2017 7:29

Tgt Ion:252 Resp: 48403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 20.9 | 17.0 | 25.4 |
| 125 | 15.9 | 7.5 | 11.3# |






#88
Benzo(a)pyrene
Concen: 1.05 ng/ul
RT: 24.94 min Scan# 3685
Delta R.T. -0.01 min
Lab File: BG029216.D
Acq: 14 Oct 2017 7:29

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

Tgt Ion:252 Resp: 34557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 17.1 | 25.7 |
| 125 | 13.6 | 7.8 | 11.8# |