Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110917\
Data File : BG030891.D
Acq On : 9 Nov 2017 22:05
Operator : SJ/JU
Sample : I6286-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Nov 10 01:25:20 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 01:20:10 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.15 | 152 | 65177 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.96 | 136 | 305251 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.77 | 164 | 207891 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.51 | 188 | 499668 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.78 | 240 | 512372 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.09 | 264 | 505796 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.53 | 96 | 15442 | 9.63 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.31 | 99 | 321263 | 51.36 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.47 | 67 | 189528 | 48.42 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.69 | 132 | 259549 | 58.82 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.86 | 113 | 282467 | 55.91 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.32 | 128 | 142111 | 64.85 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.04 | 143 | 174642 | 77.78 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.59 | 165 | 299137 | 58.47 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.10 | 131 | 389574 | 65.54 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.17 | 166 | 1018182 | 57.29 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.47 | 160 | 1221968 | 56.53 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.98 | 143 | 174344 | 53.13 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.76 | 176 | 919374 | 63.16 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.88 | 200 | 199030 | 81.60 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.61 | 188 | 1415297 | 59.89 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.88 | 212 | 1602357 | 60.42 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 24.87 | 264 | 1595833 | 66.62 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.34 | 94 | 23842 | 3.68 | ng/ul | 98 |
| 15) N-Nitroso-di-n-propylamine | 8.85 | 70 | 6409 | 1.50 | ng/ul# | 1 |
| 44) Dimethylphthalate | 14.21 | 163 | 101173 | 5.84 | ng/ul | 98 |
| 74) Fluoranthene | 19.55 | 202 | 49914 | 1.65 | ng/ul# | 98 |
| 77) Pyrene | 19.91 | 202 | 44971 | 1.31 | ng/ul# | 95 |
| 85) Benzo(b)fluoranthene | 24.04 | 252 | 31669 | 1.04 | ng/ul | 99 |
| 86) Benzo(k)fluoranthene | 24.04 | 252 | 31669 | 1.08 | ng/ul | 99 |

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

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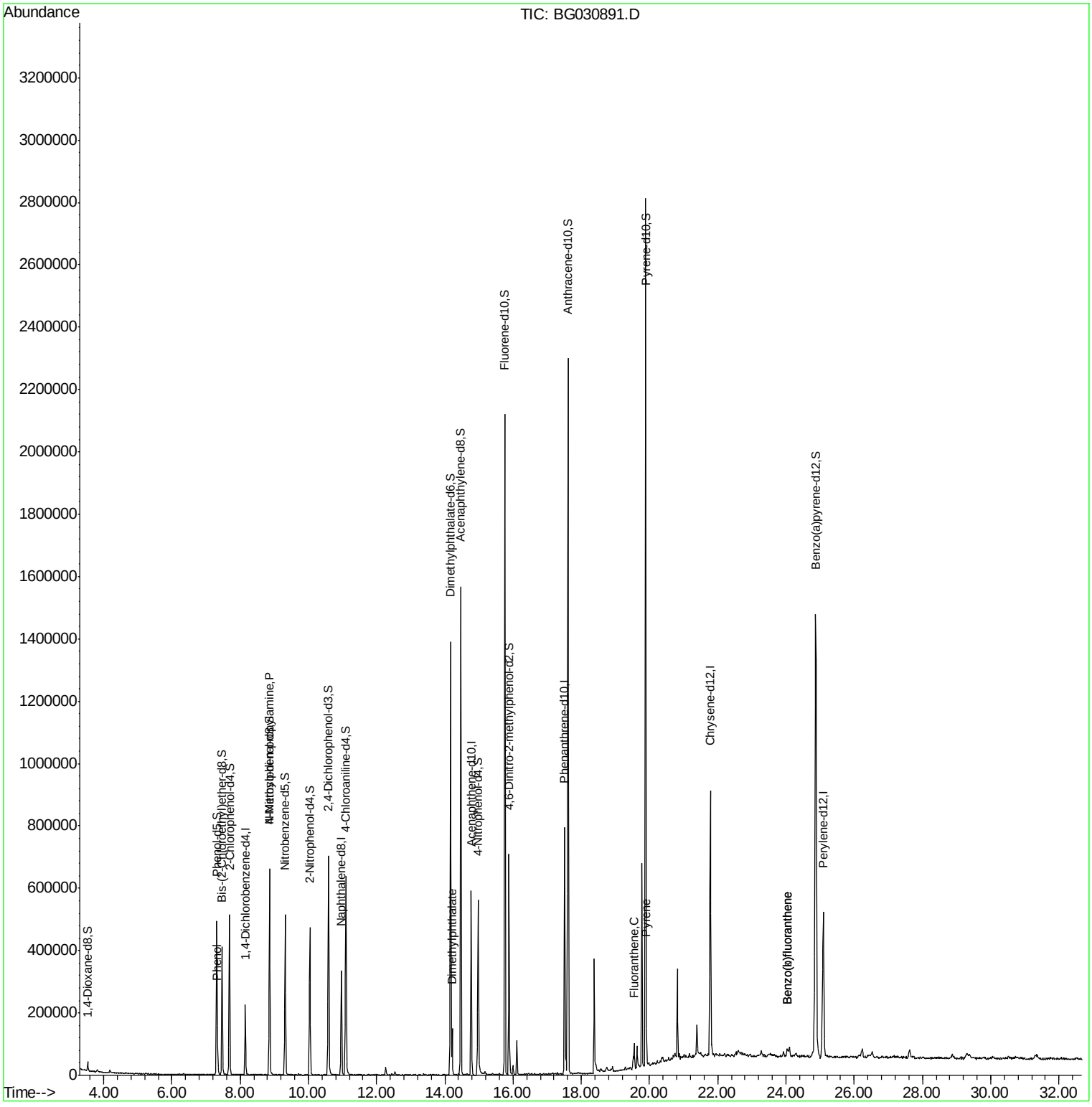
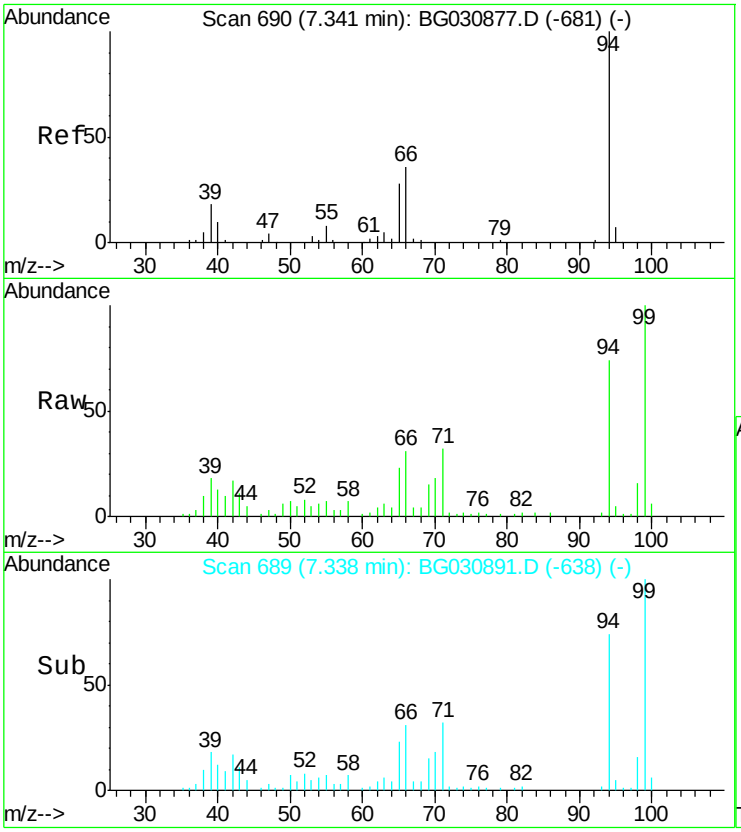


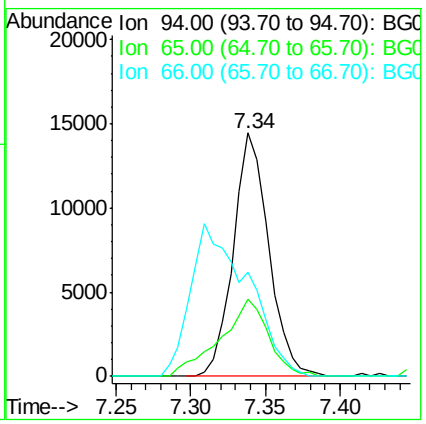


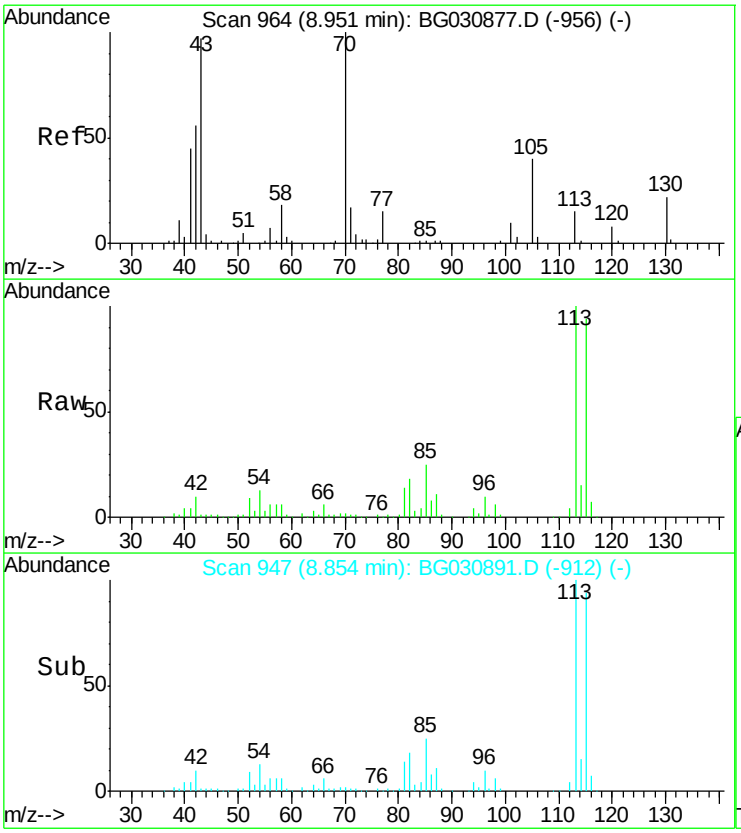

#6
Phenol
Concen: 3.68 ng/ul
RT: 7.34 min Scan# 689
Delta R.T. -0.00 min
Lab File: BG030891.D
Acq: 9 Nov 2017 22:05

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

Tgt Ion: 94 Resp: 23842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 31.5 | 27.1 | 40.7 |
| 66 | 42.6 | 34.6 | 52.0 |

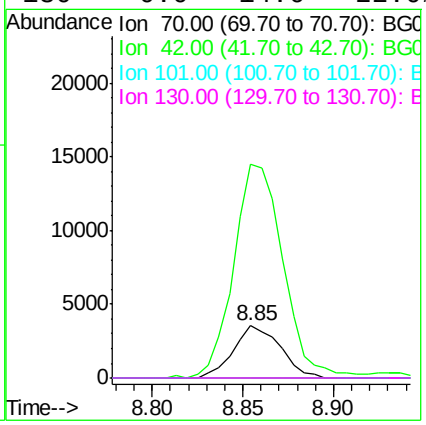


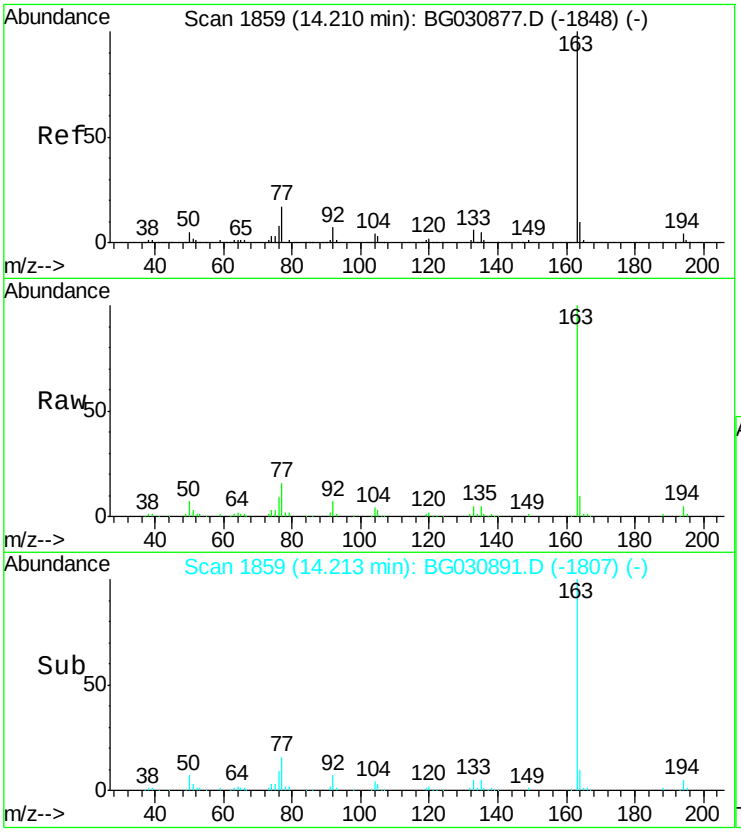




#15
N-Nitroso-di-n-propylamine
Concen: 1.50 ng/ul
RT: 8.85 min Scan# 947
Delta R.T. -0.10 min
Lab File: BG030891.D
Acq: 9 Nov 2017 22:05

Tgt Ion: 70 Resp: 6409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 410.9 | 51.7 | 77.5# |
| 101 | 0.0 | 7.6 | 11.4# |
| 130 | 0.0 | 14.6 | 22.0# |



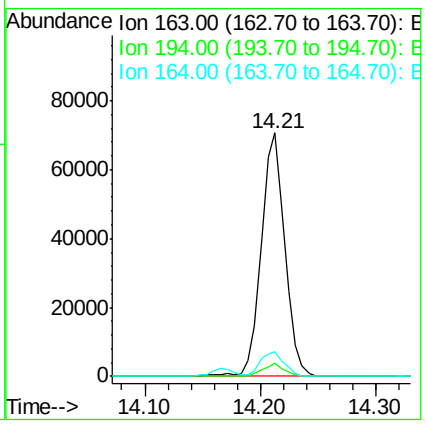


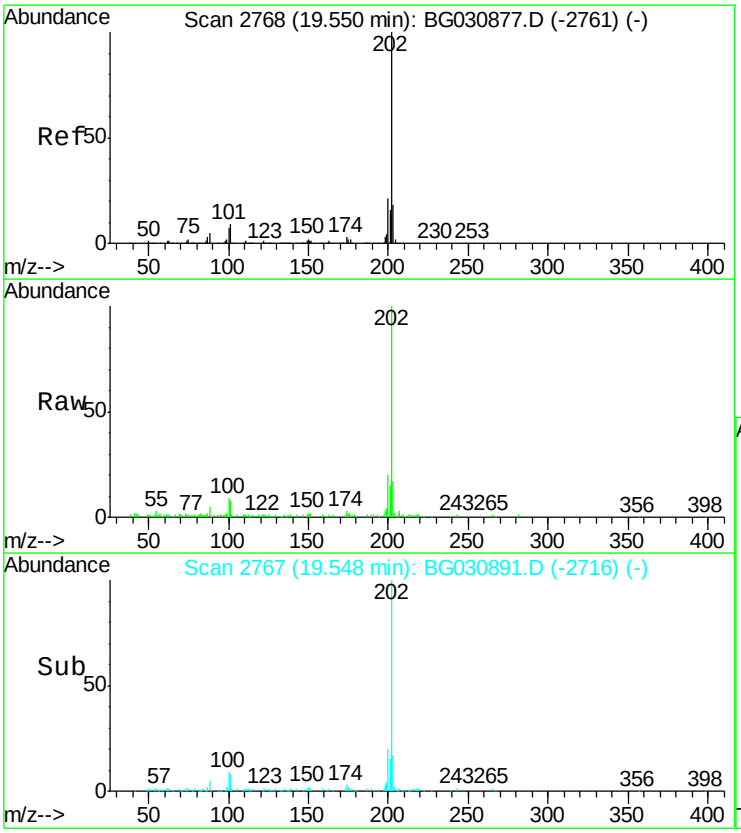

#44
Dimethylphthalate
Concen: 5.84 ng/ul
RT: 14.21 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BG030891.D
Acq: 9 Nov 2017 22:05

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

Tgt Ion:163 Resp: 101173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 5.2 | 3.5 | 5.3 |
| 164 | 10.2 | 7.6 | 11.4 |

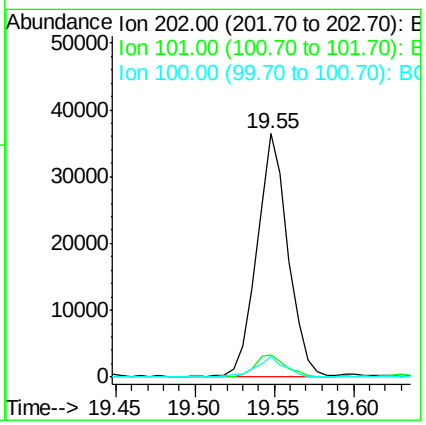


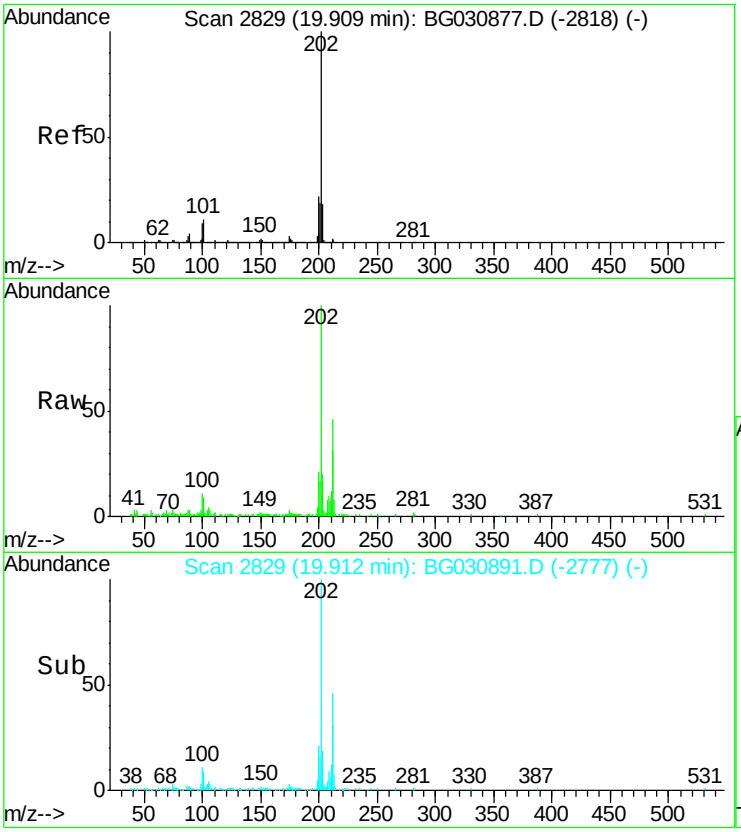




#74
Fluoranthene
Concen: 1.65 ng/ul
RT: 19.55 min Scan# 2767
Delta R.T. -0.00 min
Lab File: BG030891.D
Acq: 9 Nov 2017 22:05

Tgt Ion:202 Resp: 49914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.1 | 7.4 | 11.2 |
| 100 | 8.6 | 5.6 | 8.4# |



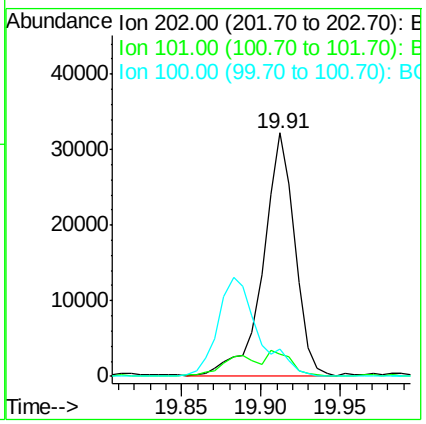


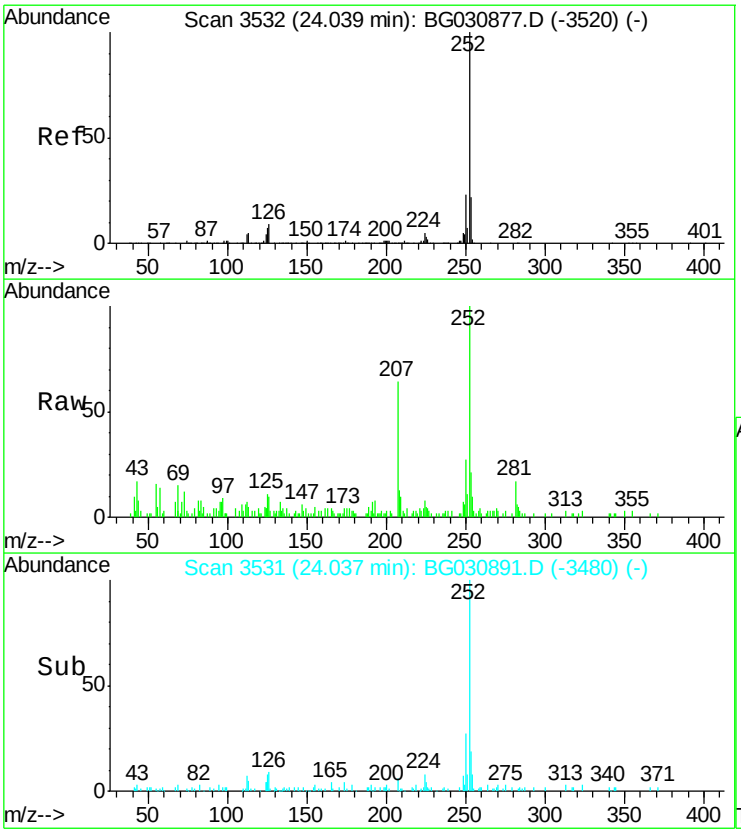

#77
Pyrene
Concen: 1.31 ng/ul
RT: 19.91 min Scan# 2829
Delta R.T. 0.00 min
Lab File: BG030891.D
Acq: 9 Nov 2017 22:05

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

Tgt Ion:202 Resp: 44971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.1 | 8.4 | 12.6 |
| 100 | 11.2 | 7.0 | 10.6# |

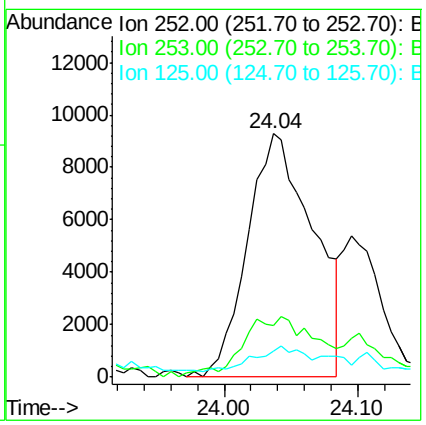


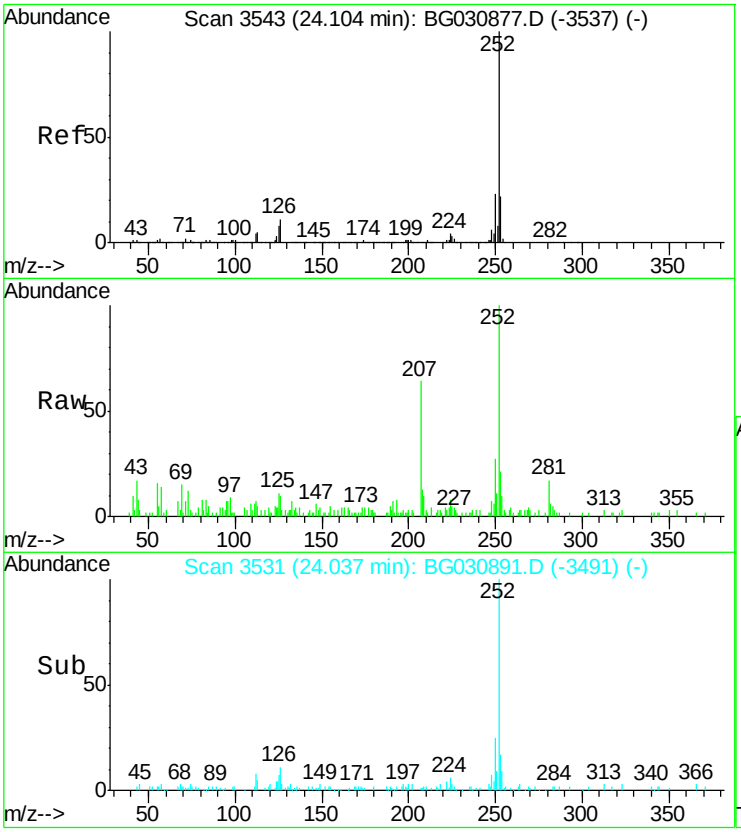




#85
Benzo(b)fluoranthene
Concen: 1.04 ng/ul
RT: 24.04 min Scan# 3531
Delta R.T. -0.00 min
Lab File: BG030891.D
Acq: 9 Nov 2017 22:05

Tgt Ion:252 Resp: 31669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.0 | 17.0 | 25.4 |
| 125 | 10.7 | 7.5 | 11.3 |






#86
Benzo(k)fluoranthene
Concen: 1.08 ng/ul
RT: 24.04 min Scan# 3531
Delta R.T. -0.07 min
Lab File: BG030891.D
Acq: 9 Nov 2017 22:05

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

Tgt Ion:252 Resp: 31669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.0 | 17.2 | 25.8 |
| 125 | 10.7 | 7.8 | 11.8 |