Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047425.D
Acq On : 23 Nov 2020 20:34
Operator : CG/JU
Sample : L4749-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0B73

Quant Time: Nov 24 00:56:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 24 00:48:19 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.28 | 152 | 36238 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.10 | 136 | 140556 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.89 | 164 | 105109 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.72 | 188 | 237883 | 20.00 | ng/ul | 0.10 |
| 78) Chrysene-d12 | 21.91 | 240 | 188482 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 25.31 | 264 | 208136 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.62 | 96 | 1626 | 1.63 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.41 | 99 | 56596 | 15.57 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.58 | 67 | 34291 | 16.54 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.80 | 132 | 45140 | 18.52 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.96 | 113 | 40219 | 14.40 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.44 | 128 | 22988 | 19.80 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.17 | 143 | 27307 | 21.56 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.71 | 165 | 55943 | 19.29 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.22 | 131 | 42037 | 14.33 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.28 | 166 | 179838 | 19.93 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.58 | 160 | 211333 | 20.27 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 15.05 | 143 | 17304 | 12.57 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.87 | 176 | 160739 | 19.45 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.97 | 200 | 12958 | 9.57 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.72 | 188 | 237883 | 20.16 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.99 | 212 | 256269 | 23.36 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 25.08 | 264 | 252782 | 21.10 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.43 | 94 | 6821 | 1.959 | ng/ul# | 77 |
| 45) Dimethylphthalate | 14.33 | 163 | 27925 | 3.034 | ng/ul | 98 |
| 50) Acenaphthene | 14.95 | 153 | 10221 | 1.503 | ng/ul | 96 |
| 59) Fluorene | 15.93 | 166 | 15355 | 1.825 | ng/ul | 91 |
| 70) Phenanthrene | 17.75 | 178 | 87340 | 6.799 | ng/ul | 96 |
| 72) Anthracene | 17.75 | 178 | 85127 | 6.580 | ng/ul | 98 |
| 75) Carbazole | 18.02 | 167 | 26139 | 2.505 | ng/ul | 97 |
| 77) Fluoranthene | 19.66 | 202 | 1246482 | 76.831 | ng/ul | 99 |
| 80) Pyrene | 20.01 | 202 | 983803 | 73.687 | ng/ul | 100 |
| 83) Benzo(a)anthracene | 21.89 | 228 | 564535 | 42.095 | ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.78 | 149 | 7496 | 1.147 | ng/ul# | 94 |
| 85) Chrysene | 21.95 | 228 | 600337 | 47.041 | ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 24.23 | 252 | 789370 | 53.715 | ng/ul# | 96 |
| 89) Benzo(k)fluoranthene | 24.23 | 252 | 789370 | 54.507 | ng/ul | 100 |
| 91) Benzo(a)pyrene | 25.00 | 252 | 340122 | 25.963 | ng/ul | 96 |
| 92) Indeno(1,2,3-cd)pyrene | 29.23 | 276 | 328464 | 20.612 | ng/ul | 97 |
| 93) Dibenzo(a,h)anthracene | 29.28 | 278 | 52648 | 4.030 | ng/ul# | 94 |
| 94) Benzo(g,h,i)perylene | 30.46 | 276 | 144300 | 10.974 | ng/ul | 93 |

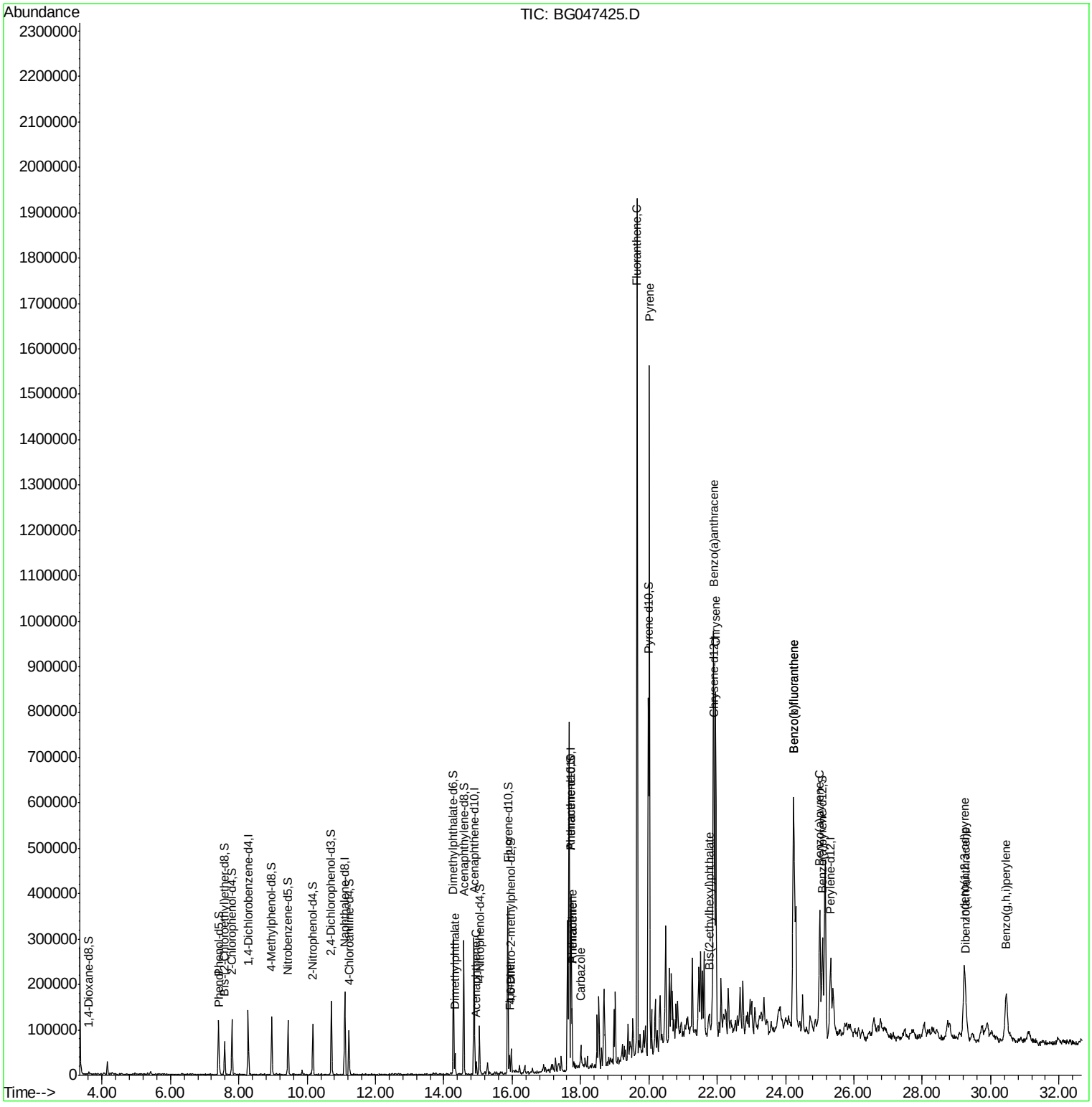
(#) = qualifier out of range (m) = manual integration (+) = signals summed

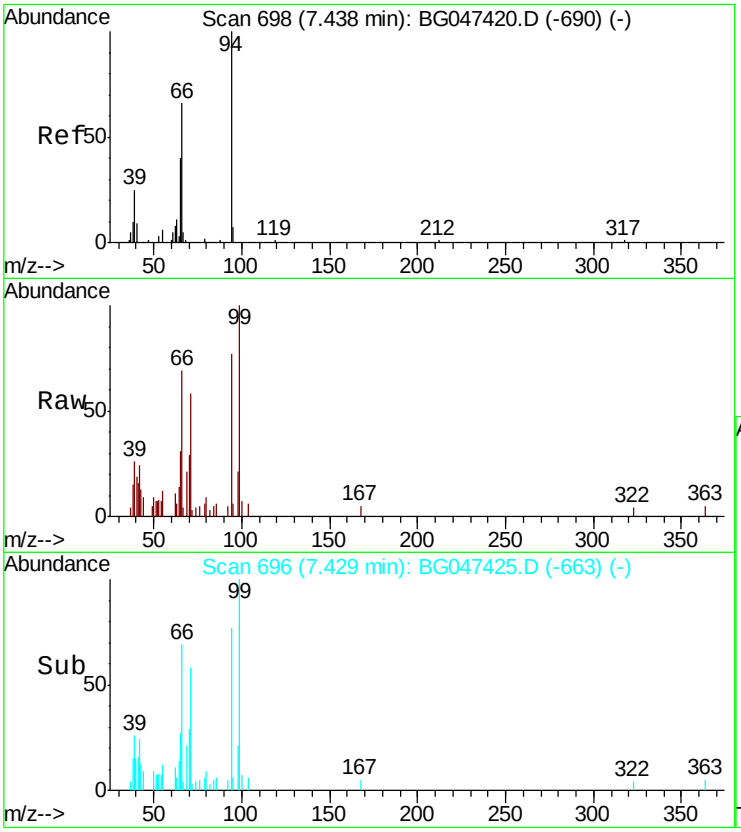
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047425.D
Acq On : 23 Nov 2020 20:34
Operator : CG/JU
Sample : L4749-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0B73

Quant Time: Nov 24 00:56:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 24 00:48:19 2020
Response via : Initial Calibration



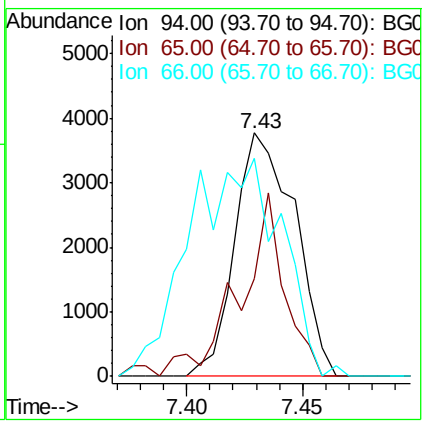


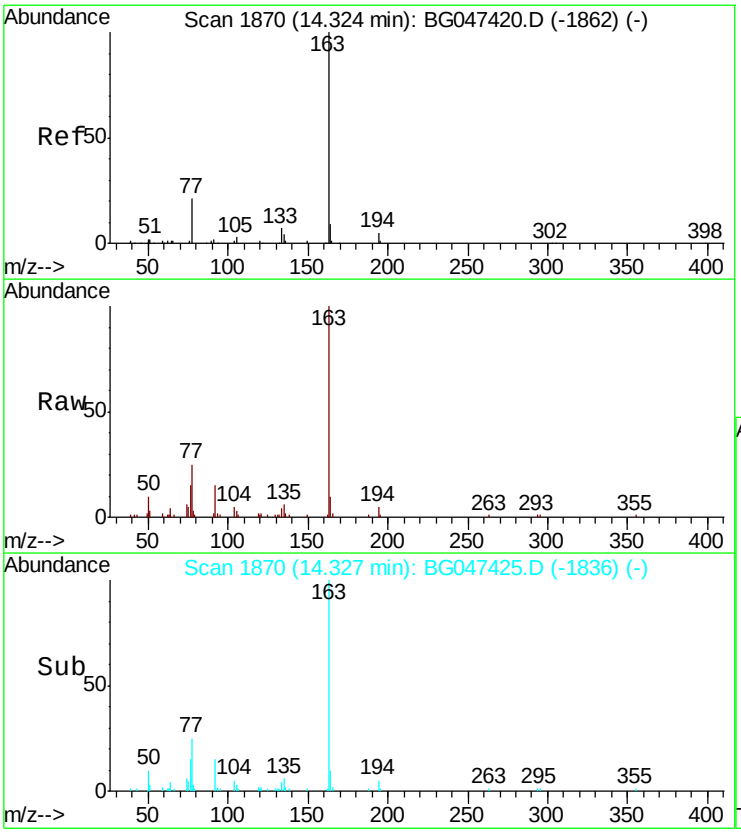

#6
Phenol
Concen: 1.959 ng/ul
RT: 7.43 min Scan# 696
Delta R.T. -0.01 min
Lab File: BG047425.D
Acq: 23 Nov 2020 20:34

**Instrument :**
BNA_G
**ClientSampleId :**
C0B73

Tgt Ion: 94 Resp: 6821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 40.0 | 37.8 | 56.8 |
| 66 | 89.8 | 51.6 | 77.4# |

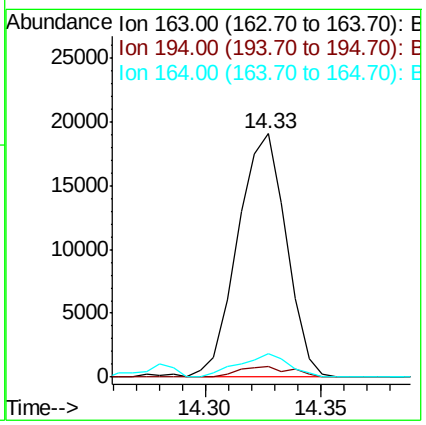


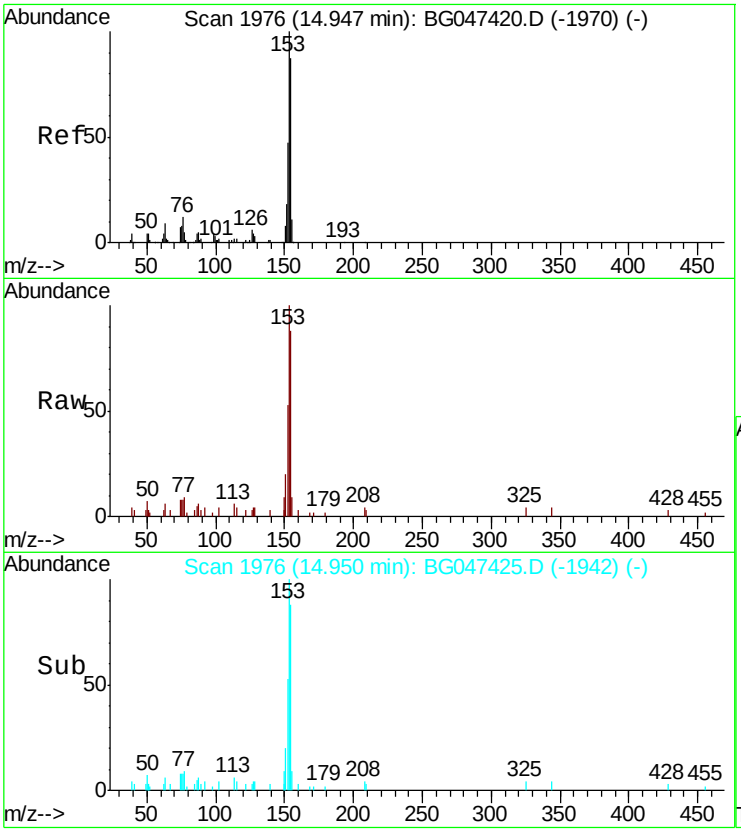




#45
Dimethylphthalate
Concen: 3.034 ng/ul
RT: 14.33 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BG047425.D
Acq: 23 Nov 2020 20:34

Tgt Ion:163 Resp: 27925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.5 | 3.6 | 5.4 |
| 164 | 9.6 | 8.5 | 12.7 |



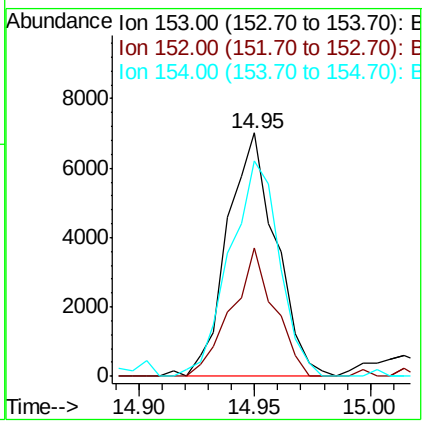


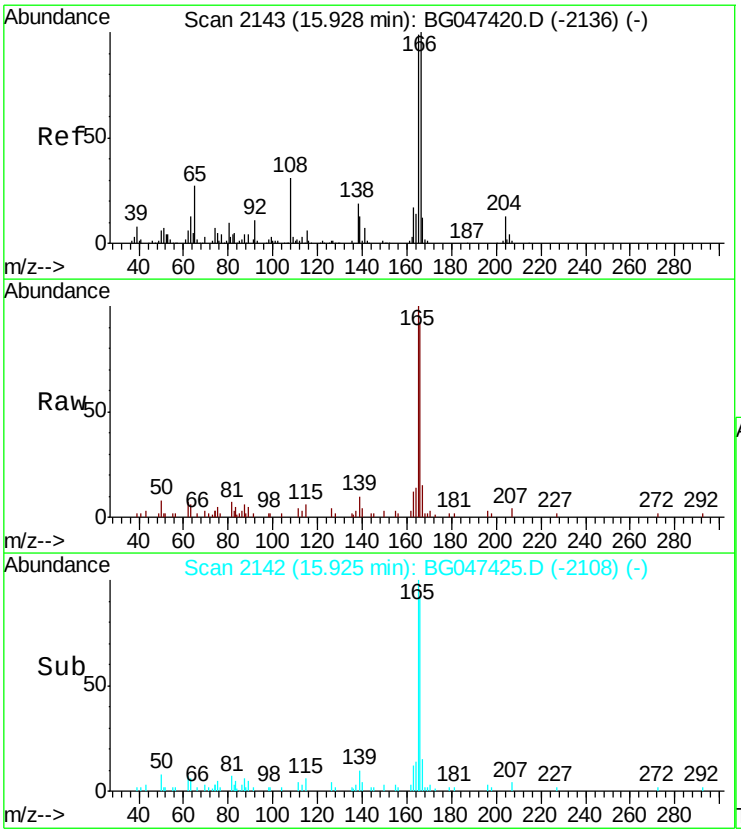

#50
Acenaphthene
Concen: 1.503 ng/ul
RT: 14.95 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG047425.D
Acq: 23 Nov 2020 20:34

**Instrument :**
BNA_G
**ClientSampleId :**
C0B73

Tgt Ion:153 Resp: 10221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 52.7 | 36.9 | 55.3 |
| 154 | 88.3 | 69.7 | 104.5 |

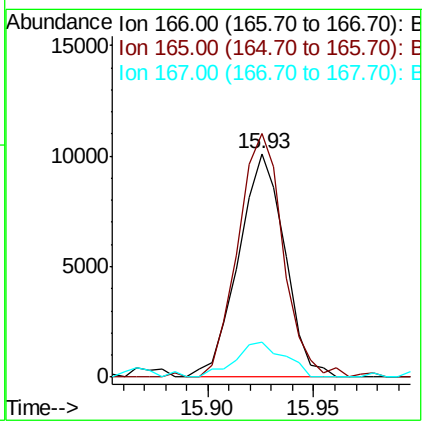


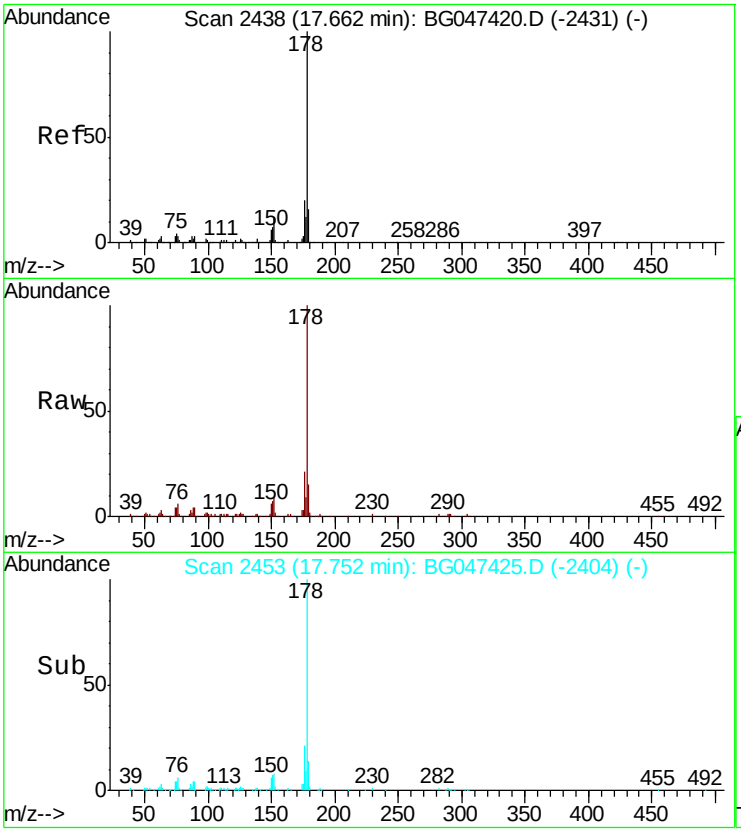




#59
Fluorene
Concen: 1.825 ng/ul
RT: 15.93 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG047425.D
Acq: 23 Nov 2020 20:34

Tgt Ion:166 Resp: 15355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 109.0 | 79.8 | 119.6 |
| 167 | 15.8 | 10.8 | 16.2 |



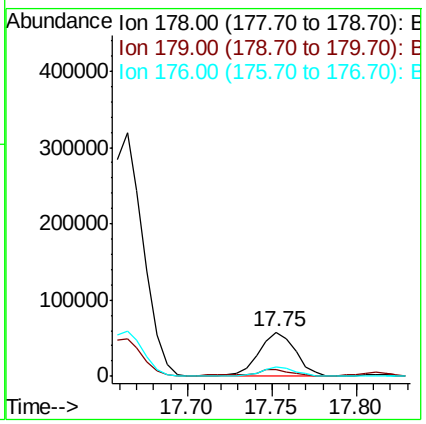


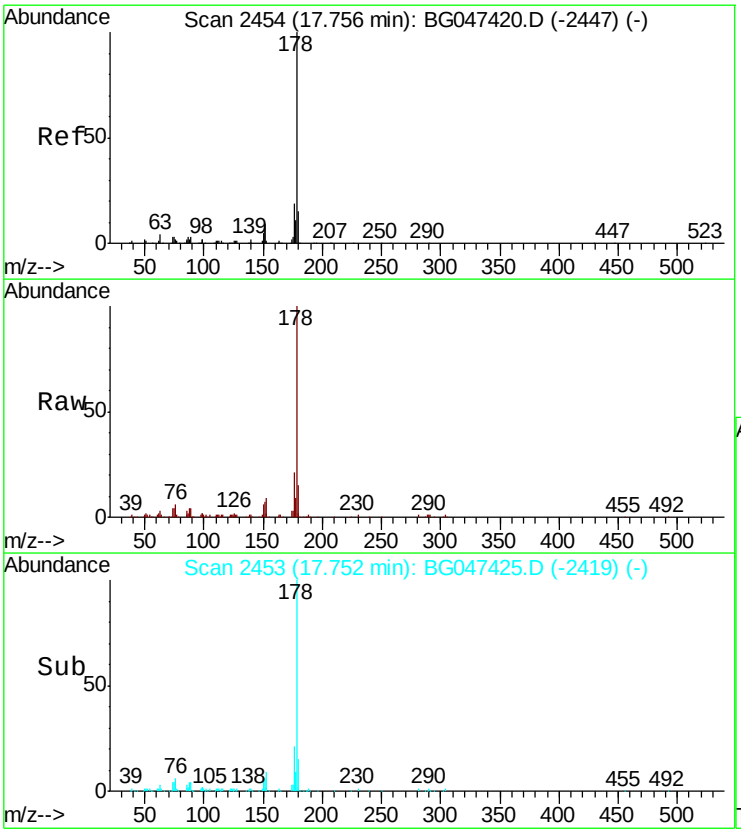

#70
Phenanthrene
Concen: 6.799 ng/ul
RT: 17.75 min Scan# 2453
Delta R.T. 0.09 min
Lab File: BG047425.D
Acq: 23 Nov 2020 20:34

**Instrument :**
BNA_G
**ClientSampleId :**
C0B73

Tgt Ion:178 Resp: 87340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 14.7 | 11.8 | 17.6 |
| 176 | 20.6 | 13.9 | 20.9 |

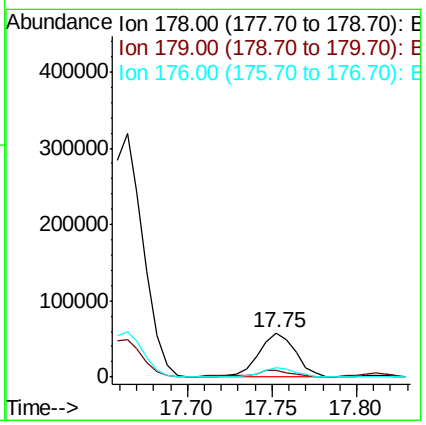


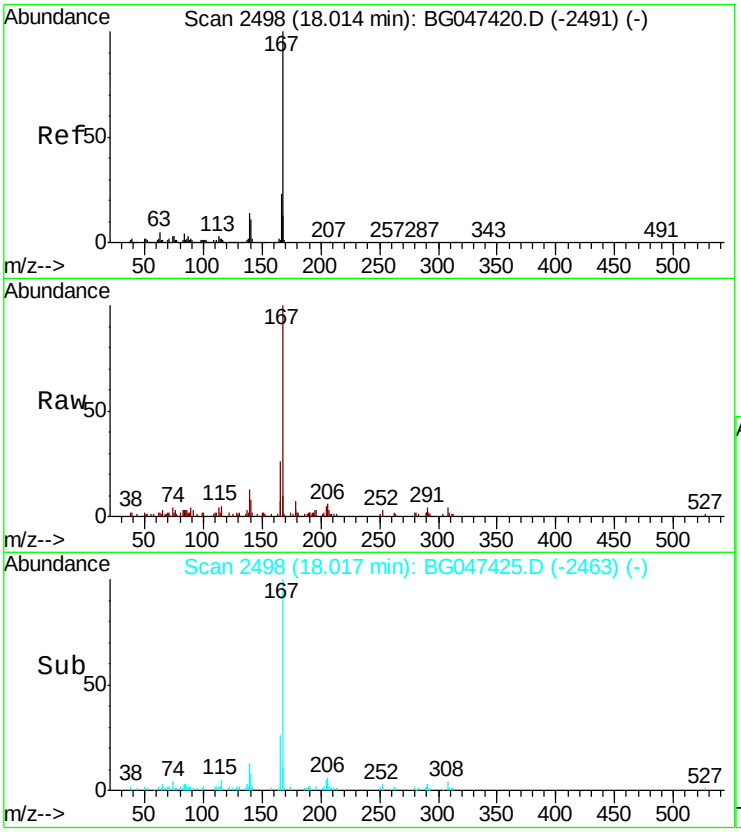




#72
Anthracene
Concen: 6.580 ng/ul
RT: 17.75 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG047425.D
Acq: 23 Nov 2020 20:34

Tgt Ion:178 Resp: 85127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 14.7 | 11.7 | 17.5 |
| 176 | 20.6 | 15.4 | 23.0 |



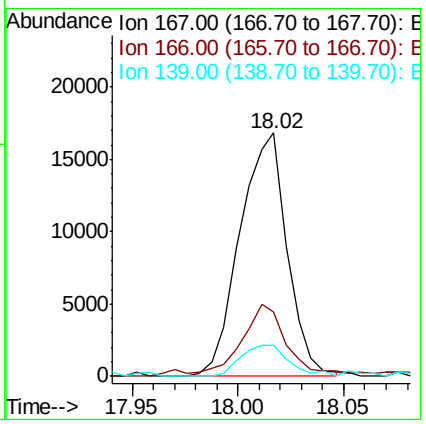


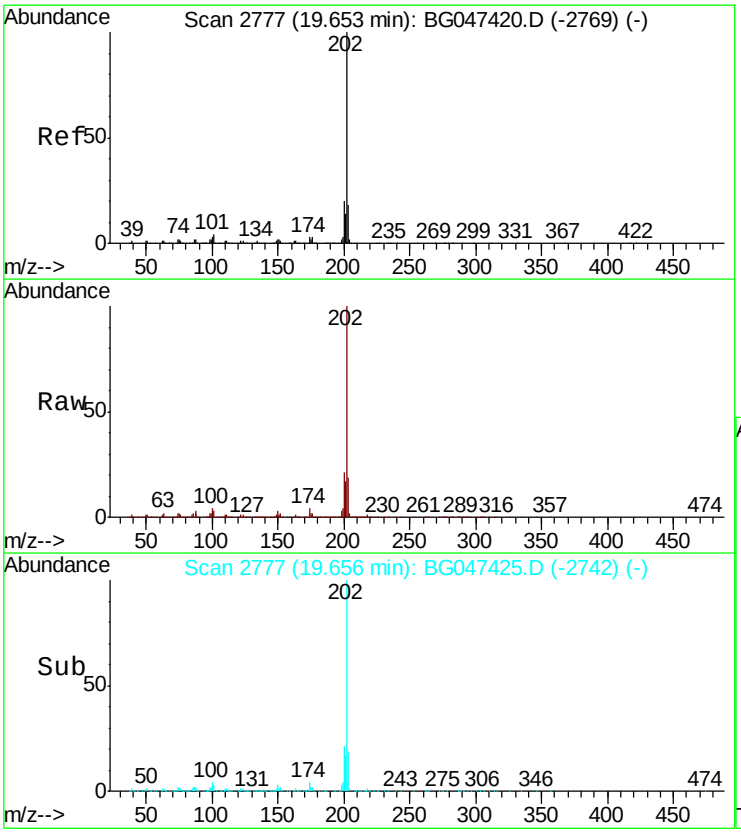

#75
Carbazole
Concen: 2.505 ng/ul
RT: 18.02 min Scan# 2498
Delta R.T. 0.00 min
Lab File: BG047425.D
Acq: 23 Nov 2020 20:34

**Instrument :**
BNA_G
**ClientSampleId :**
C0B73

Tgt Ion:167 Resp: 26139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 26.3 | 19.2 | 28.8 |
| 139 | 12.8 | 10.0 | 15.0 |

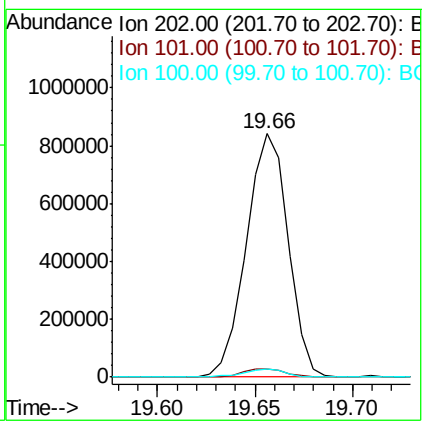


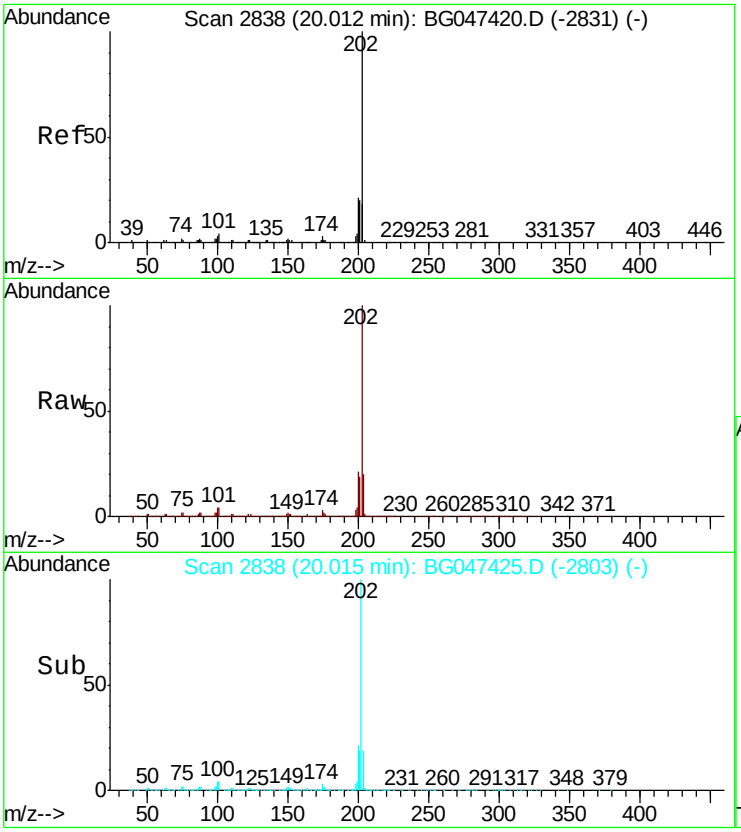




#77
Fluoranthene
Concen: 76.831 ng/ul
RT: 19.66 min Scan# 2777
Delta R.T. 0.00 min
Lab File: BG047425.D
Acq: 23 Nov 2020 20:34

Tgt Ion:202 Resp: 1246482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 3.5 | 3.0 | 4.6 |
| 100 | 3.5 | 3.0 | 4.6 |



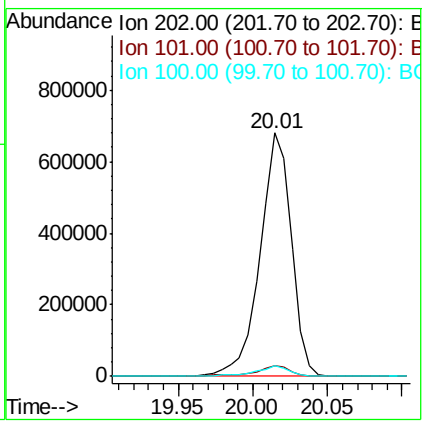


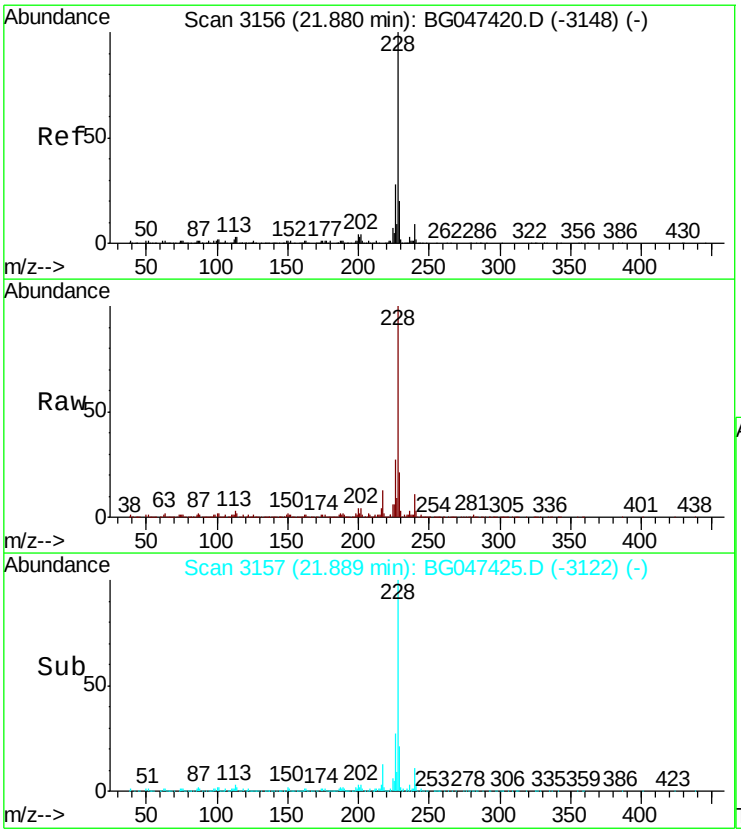

#80
Pyrene
Concen: 73.687 ng/ul
RT: 20.01 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG047425.D
Acq: 23 Nov 2020 20:34

**Instrument :** BNA_G
**ClientSampleId :** C0B73

Tgt Ion:202 Resp: 983803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 4.2 | 3.5 | 5.3 |
| 100 | 4.3 | 3.4 | 5.0 |

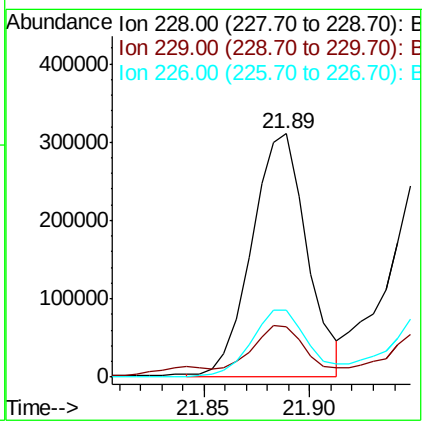


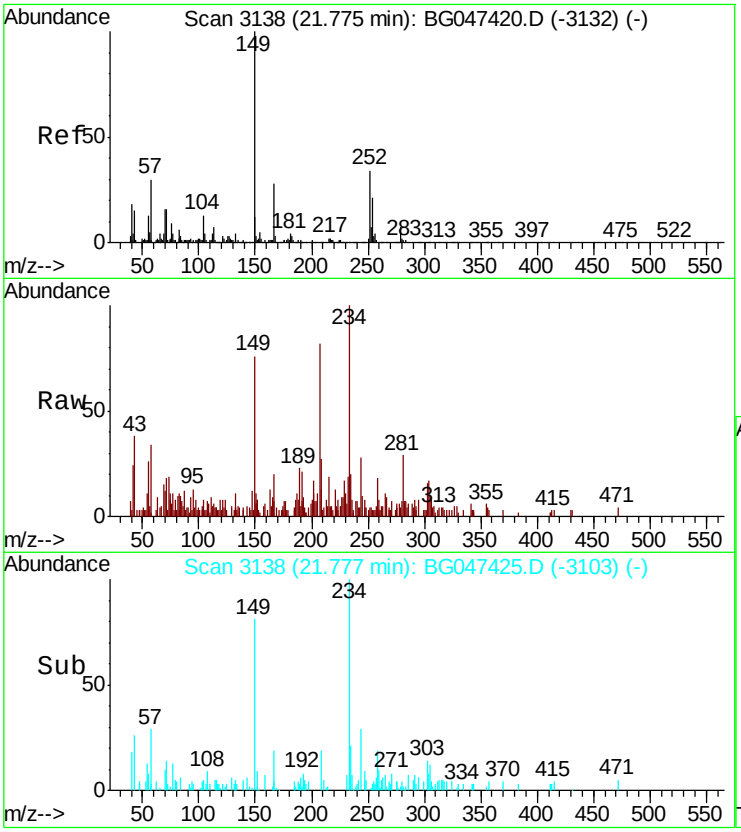




#83
Benzo(a)anthracene
Concen: 42.095 ng/ul
RT: 21.89 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG047425.D
Acq: 23 Nov 2020 20:34

Tgt Ion:228 Resp: 564535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 20.7 | 15.6 | 23.4 |
| 226 | 27.3 | 21.7 | 32.5 |



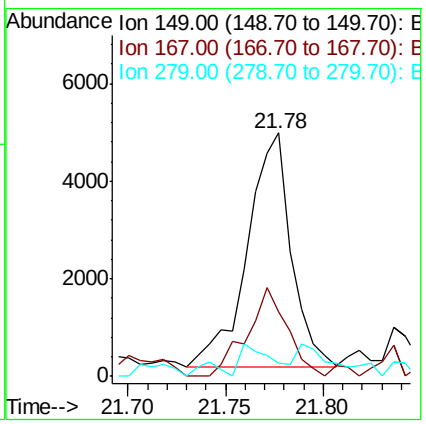


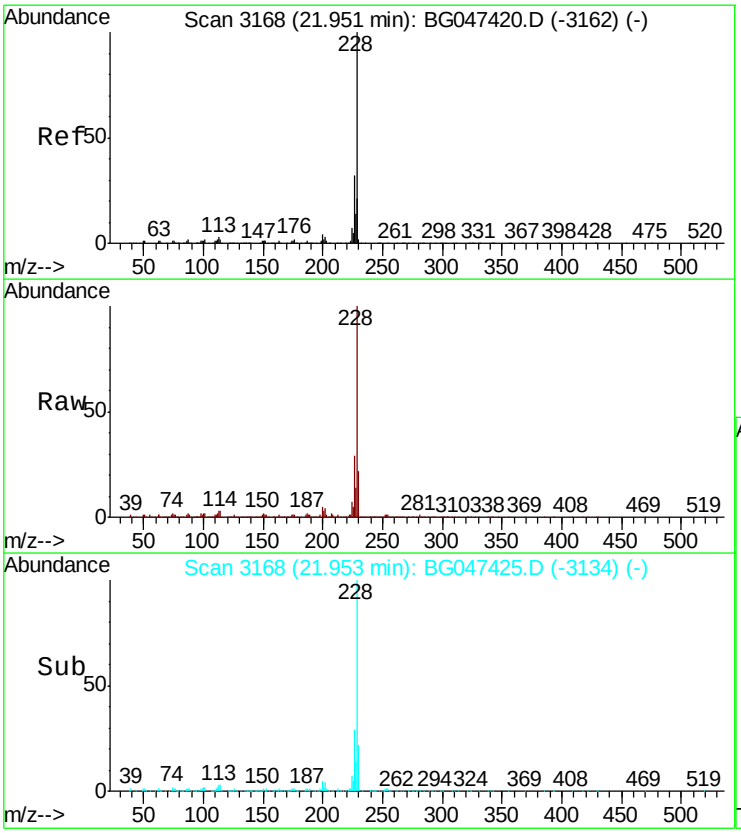

#84
Bis(2-ethylhexyl)phthalate
Concen: 1.147 ng/ul
RT: 21.78 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG047425.D
Acq: 23 Nov 2020 20:34

**Instrument :**
BNA_G
**ClientSampleId :**
C0B73

Tgt Ion:149 Resp: 7496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.2 | 23.4 | 35.2 |
| 279 | 5.6 | 5.9 | 8.9# |

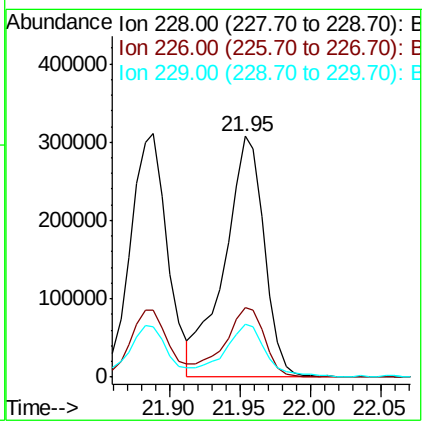


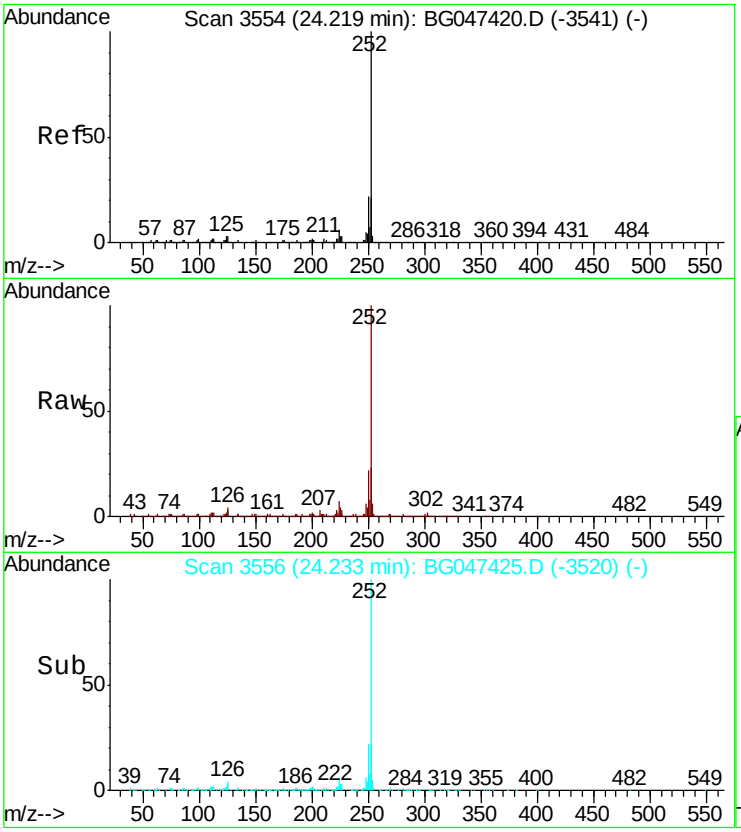




#85
Chrysene
Concen: 47.041 ng/ul
RT: 21.95 min Scan# 3168
Delta R.T. -0.00 min
Lab File: BG047425.D
Acq: 23 Nov 2020 20:34

Tgt Ion:228 Resp: 600337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.8 | 22.3 | 33.5 |
| 229 | 21.9 | 16.5 | 24.7 |



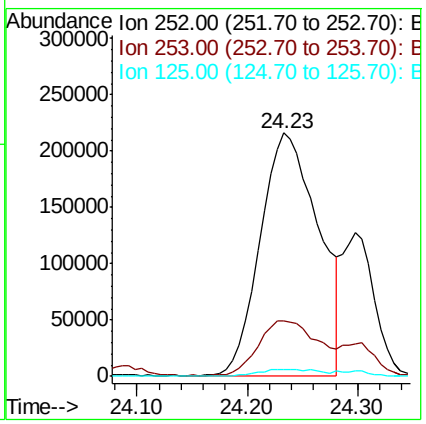


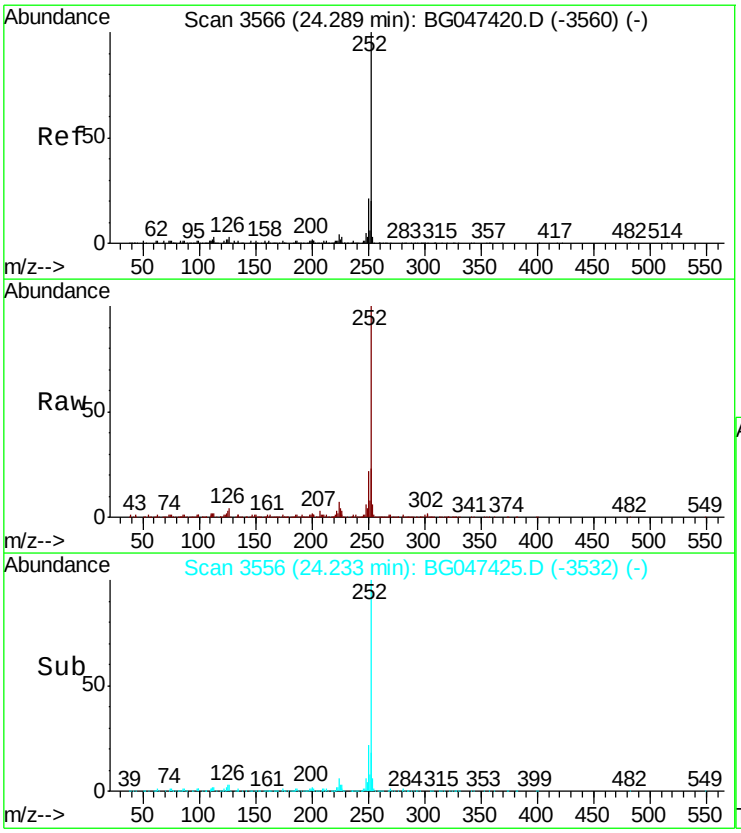

#88
Benzo(b)fluoranthene
Concen: 53.715 ng/ul
RT: 24.23 min Scan# 3556
Delta R.T. 0.01 min
Lab File: BG047425.D
Acq: 23 Nov 2020 20:34

**Instrument :**
BNA_G
**ClientSampleId :**
C0B73

Tgt Ion:252 Resp: 789370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.7 | 16.6 | 25.0 |
| 125 | 2.7 | 2.7 | 4.1# |

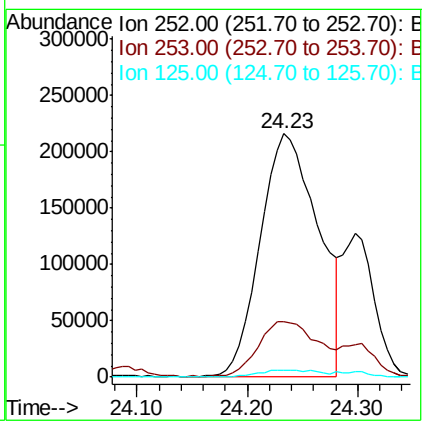


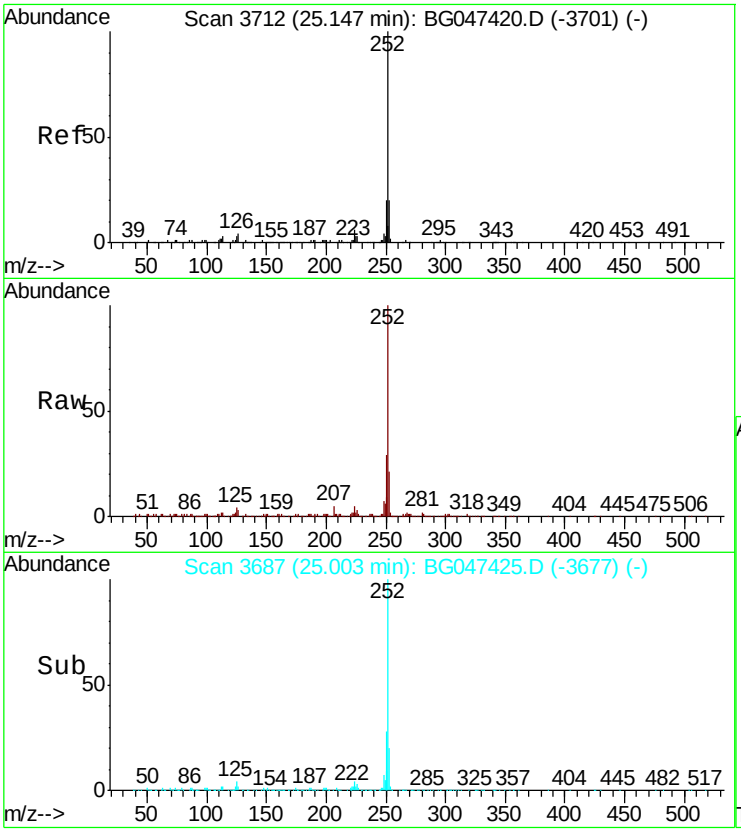




#89
Benzo(k)fluoranthene
Concen: 54.507 ng/ul
RT: 24.23 min Scan# 3556
Delta R.T. -0.06 min
Lab File: BG047425.D
Acq: 23 Nov 2020 20:34

Tgt Ion:252 Resp: 789370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.7 | 18.2 | 27.4 |
| 125 | 2.7 | 2.2 | 3.2 |



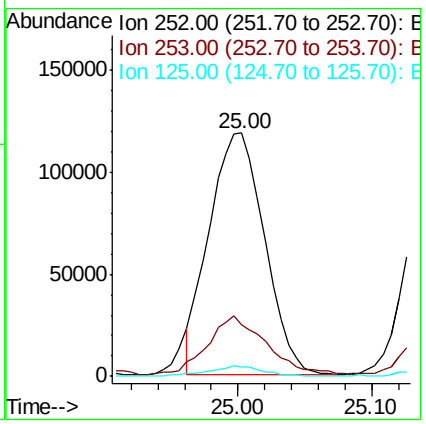


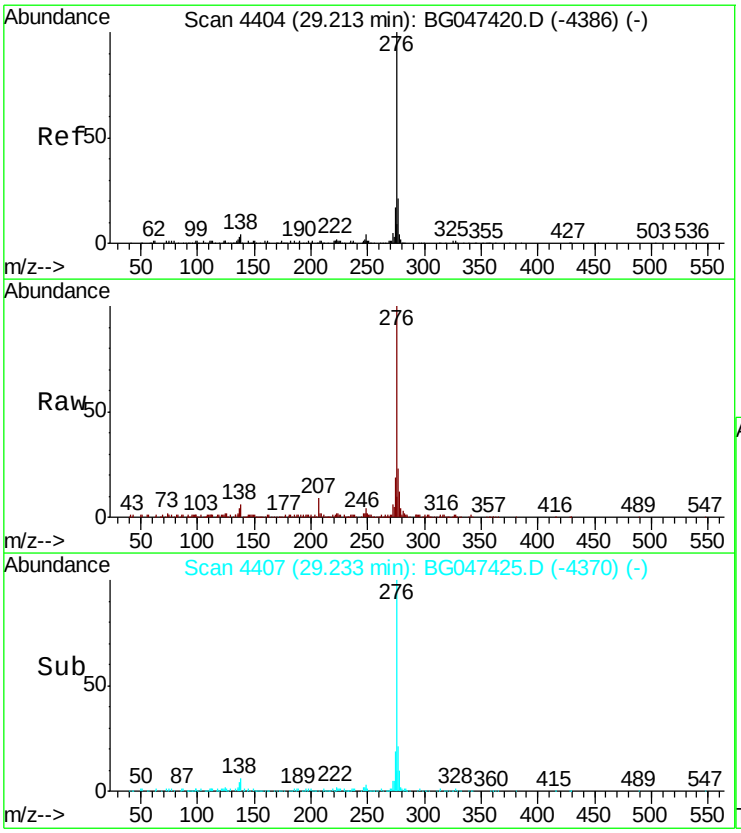

#91
Benzo(a)pyrene
Concen: 25.963 ng/ul
RT: 25.00 min Scan# 3687
Delta R.T. -0.14 min
Lab File: BG047425.D
Acq: 23 Nov 2020 20:34

**Instrument :**
BNA_G
**ClientSampleId :**
C0B73

Tgt Ion:252 Resp: 340122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.0 | 18.6 | 27.8 |
| 125 | 3.9 | 3.1 | 4.7 |

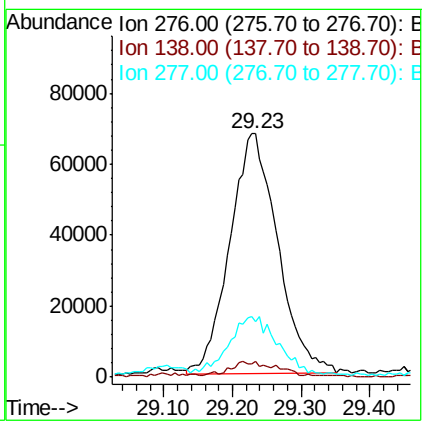


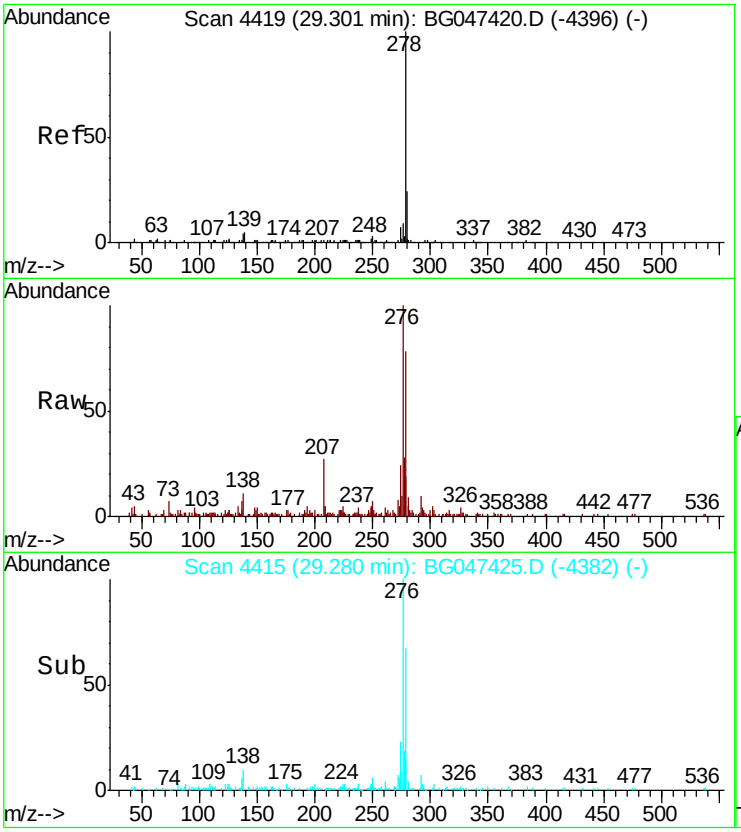




#92
Indeno(1,2,3-cd)pyrene
Concen: 20.612 ng/ul
RT: 29.23 min Scan# 4407
Delta R.T. 0.01 min
Lab File: BG047425.D
Acq: 23 Nov 2020 20:34

Tgt Ion:276 Resp: 328464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 6.3 | 5.0 | 7.6 |
| 277 | 22.5 | 16.5 | 24.7 |



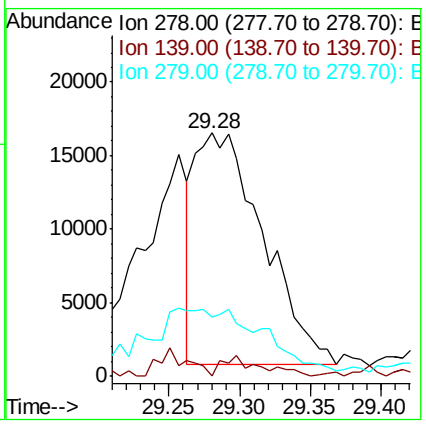


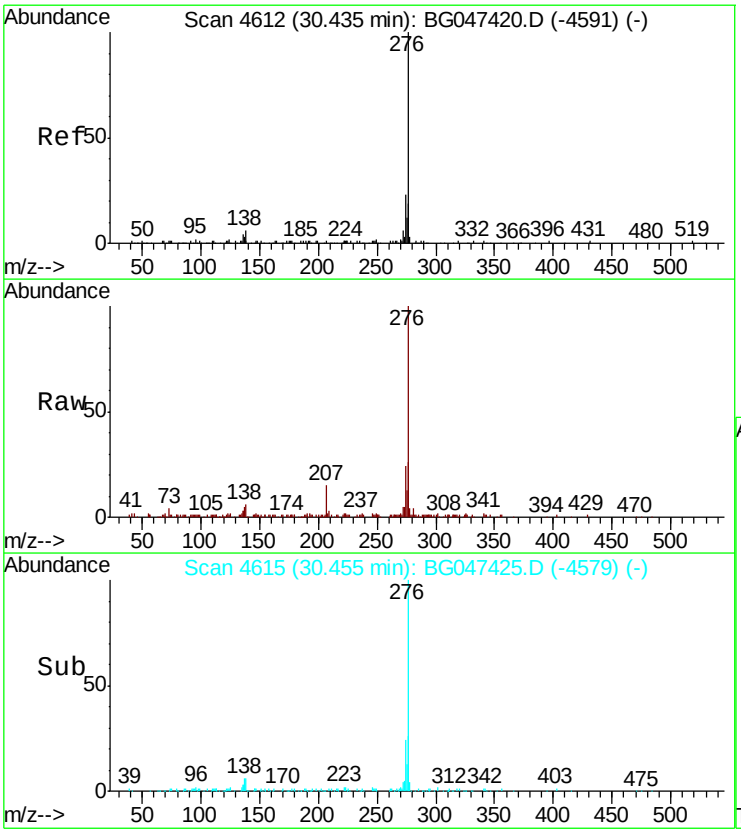

#93
Dibenzo(a,h)anthracene
Concen: 4.030 ng/ul
RT: 29.28 min Scan# 4415
Delta R.T. -0.01 min
Lab File: BG047425.D
Acq: 23 Nov 2020 20:34

**Instrument :**
BNA_G
**ClientSampleId :**
C0B73

Tgt Ion:278 Resp: 52648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 0.0 | 4.6 | 7.0# |
| 279 | 24.3 | 18.2 | 27.2 |




#94
Benzo(g,h,i)perylene
Concen: 10.974 ng/ul
RT: 30.46 min Scan# 4615
Delta R.T. 0.01 min
Lab File: BG047425.D
Acq: 23 Nov 2020 20:34

Tgt Ion:276 Resp: 144300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 6.0 | 5.8 | 8.6 |
| 277 | 26.0 | 17.4 | 26.2 |