Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061335.D
Acq On : 29 May 2024 19:25
Operator : MA/JU
Sample : P2571-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: May 29 23:56:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.878 | 152 | 23495 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.675 | 136 | 105985 | 20.000 | ng/ul | #-0.01 |
| 38) Acenaphthene-d10 | 14.518 | 164 | 80316 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.262 | 188 | 183488 | 20.000 | ng/ul | -0.01 |
| 79) Chrysene-d12 | 21.515 | 240 | 192451 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.600 | 264 | 216292 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.337 | 96 | 1675 | 3.990 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.748 | 84 | 25117 | 16.816 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.062 | 99 | 41423 | 21.469 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.215 | 67 | 26412 | 21.779 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.420 | 132 | 32531 | 22.782 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.595 | 113 | 32884 | 19.988 | ng/ul | -0.01 |
| 21) Nitrobenzene-d5 | 9.036 | 128 | 17970 | 22.022 | ng/ul | -0.01 |
| 24) 2-Nitrophenol-d4 | 9.759 | 143 | 21441 | 22.451 | ng/ul | -0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.311 | 165 | 41006 | 22.025 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.810 | 131 | 46536 | 19.105 | ng/ul | -0.01 |
| 46) Dimethylphthalate-d6 | 13.918 | 166 | 138869 | 22.293 | ng/ul | -0.01 |
| 49) Acenaphthylene-d8 | 14.206 | 160 | 149534 | 23.090 | ng/ul | -0.01 |
| 54) 4-Nitrophenol-d4 | 14.747 | 143 | 13182 | 17.117 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.511 | 176 | 125620 | 23.358 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.646 | 200 | 15962 | 14.383 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.361 | 188 | 187674 | 23.200 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.653 | 212 | 242064 | 24.497 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.394 | 264 | 260258 | 25.029 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 80) Fluoranthene | 19.318 | 202 | 20467 | 1.727 | ng/ul# | 97 |
| 82) Pyrene | 19.682 | 202 | 19152 | 1.556 | ng/ul# | 97 |
| 87) Chrysene | 21.557 | 228 | 12274 | 1.004 | ng/ul# | 87 |
| 90) Benzo(b)fluoranthene | 23.631 | 252 | 15576 | 1.210 | ng/ul# | 83 |

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

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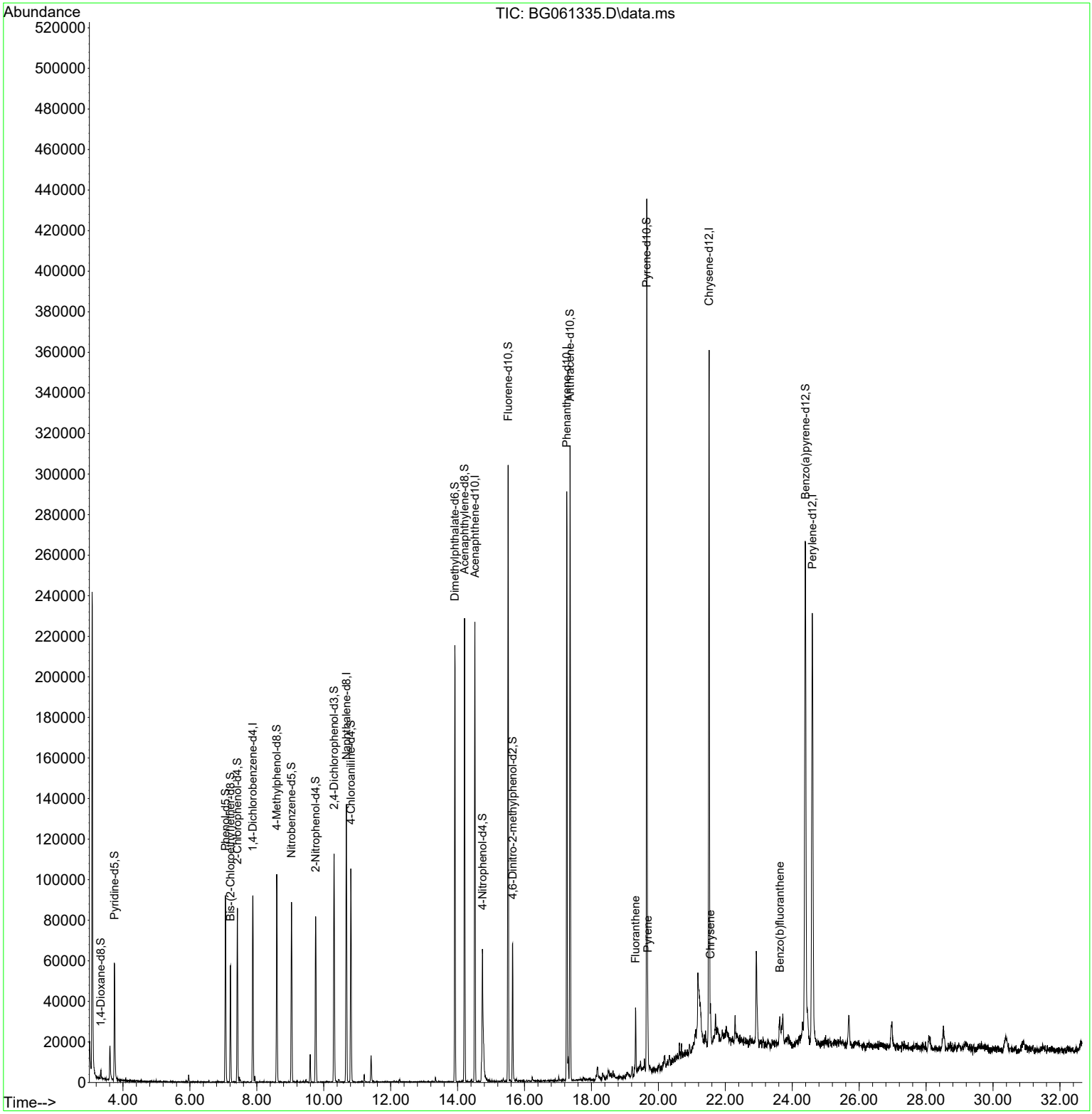
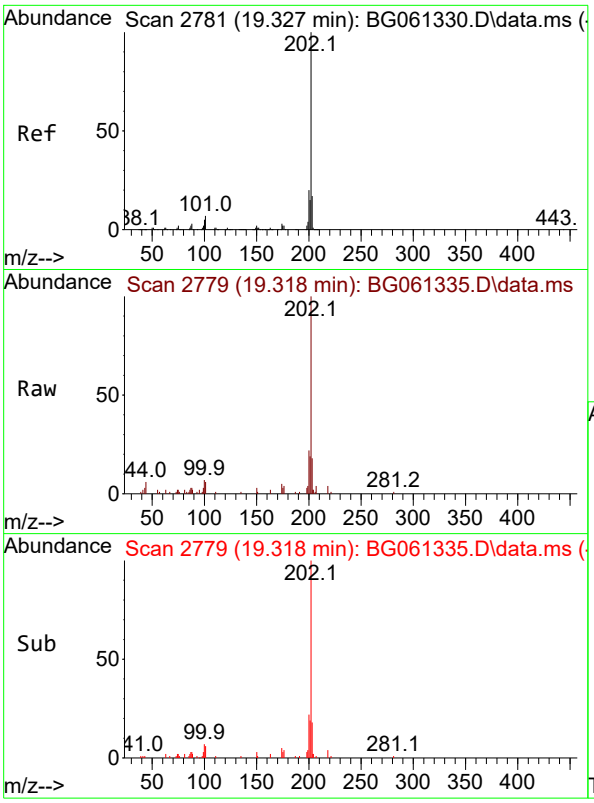
Operator : MA/JU
Sample : P2571-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: May 29 23:56:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration



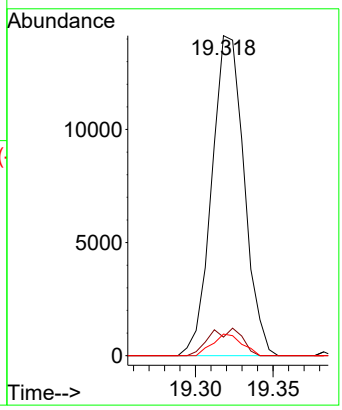


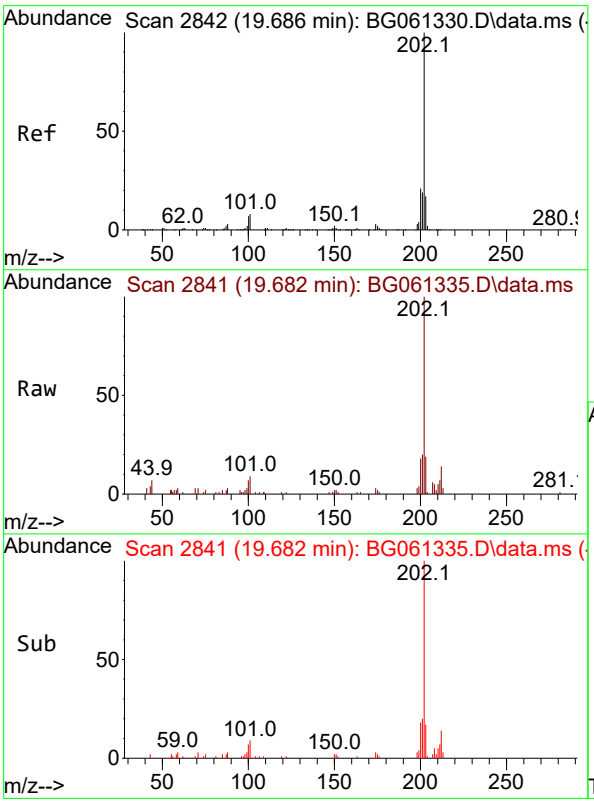

#80
Fluoranthene
Concen: 1.727 ng/ul
RT: 19.318 min Scan# 2
Delta R.T. -0.010 min
Lab File: BG061335.D
Acq: 29 May 2024 19:25

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

Tgt Ion:202 Resp: 20467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 5.8 | 4.8 | 7.2 |
| 100 | 6.7 | 4.1 | 6.1# |

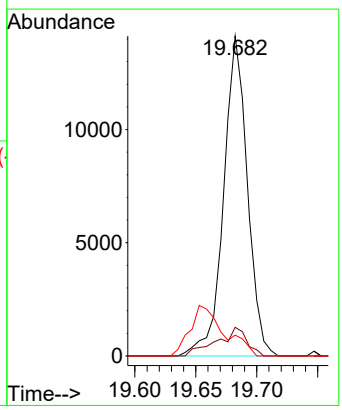


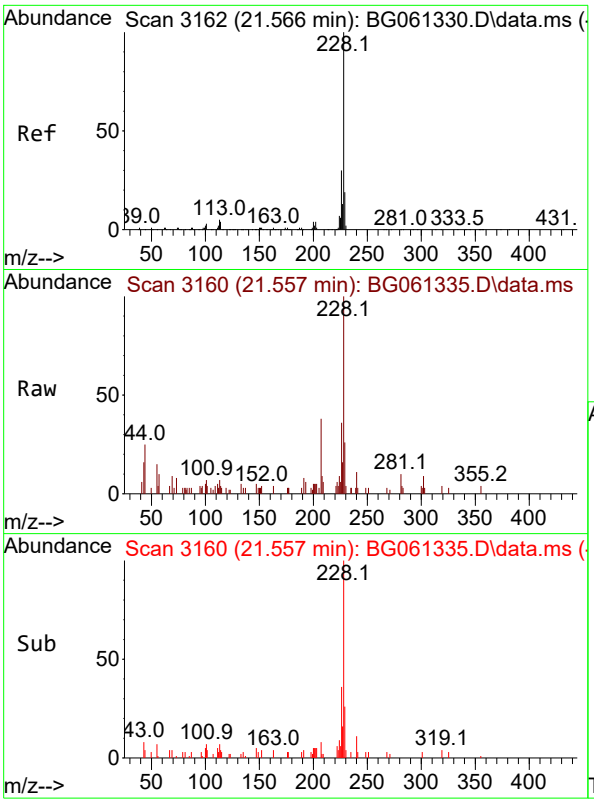




#82
Pyrene
Concen: 1.556 ng/ul
RT: 19.682 min Scan# 2841
Delta R.T. -0.004 min
Lab File: BG061335.D
Acq: 29 May 2024 19:25

Tgt Ion:202 Resp: 19152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.0 | 5.7 | 8.5# |
| 100 | 6.5 | 5.1 | 7.7 |



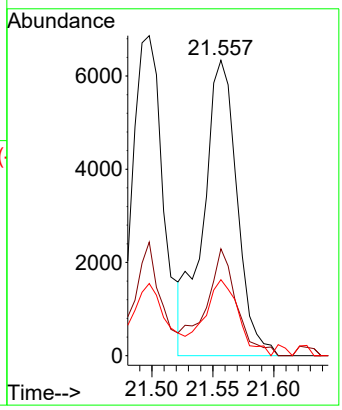


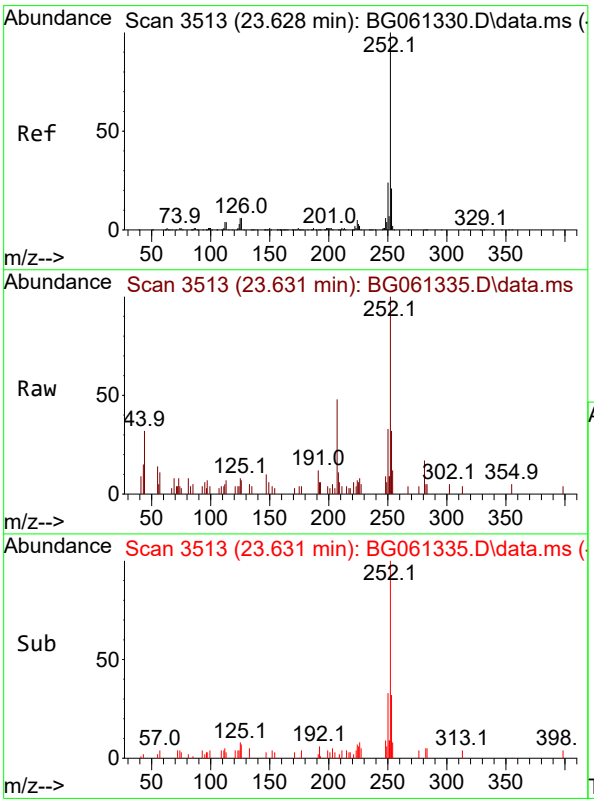

#87
Chrysene
Concen: 1.004 ng/ul
RT: 21.557 min Scan# 3
Delta R.T. -0.010 min
Lab File: BG061335.D
Acq: 29 May 2024 19:25

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

Tgt Ion:228 Resp: 12274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 36.2 | 23.4 | 35.0# |
| 229 | 25.7 | 15.4 | 23.2# |




#90
Benzo(b)fluoranthene
Concen: 1.210 ng/ul
RT: 23.631 min Scan# 3513
Delta R.T. 0.002 min
Lab File: BG061335.D
Acq: 29 May 2024 19:25

Tgt Ion:252 Resp: 15576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 31.5 | 17.8 | 26.8# |
| 125 | 7.8 | 4.6 | 6.8# |