```
                    Quantitation Report      (Not Reviewed)

Data Path : T:\PhDFS\0 Amanda Pacana\Poppy Seed Study\GCMS Data Files\07222023\
Data File : 031 QC 200.D
Acq On    : 22 Jul 2023  18:17
Operator  : AP
Sample    : QC 200
Misc      :
ALS Vial  : 20   Sample Multiplier: 1

Quant Time: Jul 23 09:19:42 2023
Quant Method : C:\msdchem\1\methods\20230723_OP UR Quant Updated.M
Quant Title  : OP Urine
QLast Update : Sun Jul 23 09:18:28 2023
Response via : Initial Calibration

          Compound                  R.T. QIon  Response  Conc Units Dev(Min)
 ----------------------------------------------------------------------------
 Internal Standards
   1) Morphine-D3                   6.680  432      2262     1.00 ng/mL  # 0.00

 Target Compounds                                                   Qvalue
   2) Morphine                      6.561  429     31560    72.96 ng/mL#    87
   3) Codeine                       6.384  371     41764    55.51 ng/mL#    71
   4) Thebaine                      6.905  311    149599  1160.18 ng/mL     78
 ----------------------------------------------------------------------------

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```
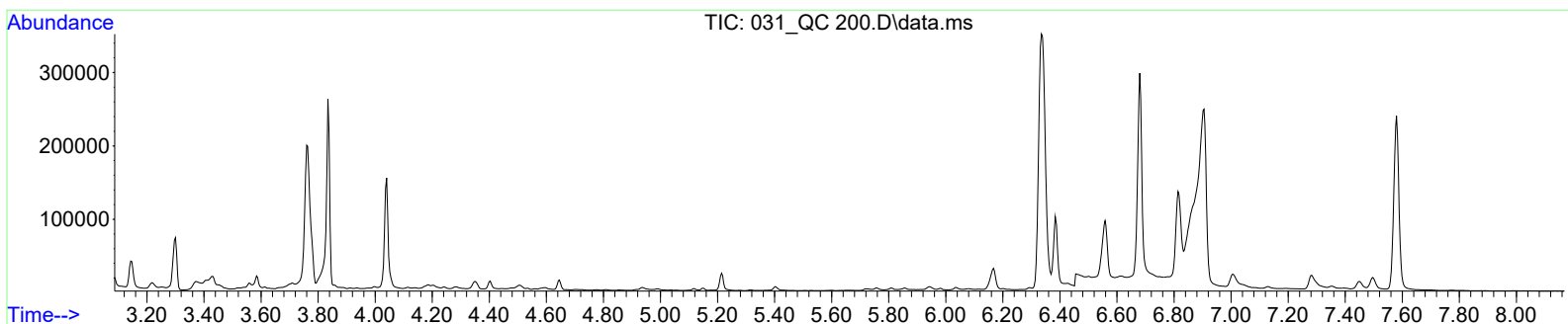
```
Data Path : T:\PhDFS\0 Amanda Pacana\Poppy Seed Study\GCMS Data Files\07222023\
Data File : 031 QC 200.D
Acq On    : 22 Jul 2023  18:17
Operator  : AP
Sample    : QC 200
Misc      :
ALS Vial  : 20    Sample Multiplier: 1
```


TIC: 031_QC 200.D\data.ms

Morphine-D3   (ISTD) Amount: 1.00 ng/mL

Ion: 432 (6.680)	Ion: 239 (6.680)	Ion: 290 (6.680)
Resp: 2262	Resp: 4647/205.4 Rnge: 1094.6 - 1641.8	Resp: 957/42.3 Rnge: 33.4 - 50.2

Morphine   Amount: 72.96 ng/mL

Ion: 429.2 (6.561)	Ion: 236 (6.558)	Ion: 287 (6.558)
Resp: 31560	Resp: 23347/74.0 Rnge: 57.9 - 86.9	Resp: 16022/50.8 Rnge: 24.0 - 36.0

Codeine   Amount: 55.51 ng/mL

Ion: 371.2 (6.384)	Ion: 178 (6.384)	Ion: 196 (6.384)	Ion: 234 (6.384)
Resp: 41764	Resp: 33955/81.3 Rnge: 55.2 - 82.8	Resp: 40175/96.2 Rnge: 45.0 - 67.4	Resp: 13468/32.2 Rnge: 35.7 - 53.5

Thebaine   Amount: 1160.18 ng/mL

Ion: 311.2 (6.905)	Ion: 296.3 (6.905)
Resp: 149599	Resp: 266460/178.1 Rnge: 120.3 - 180.5