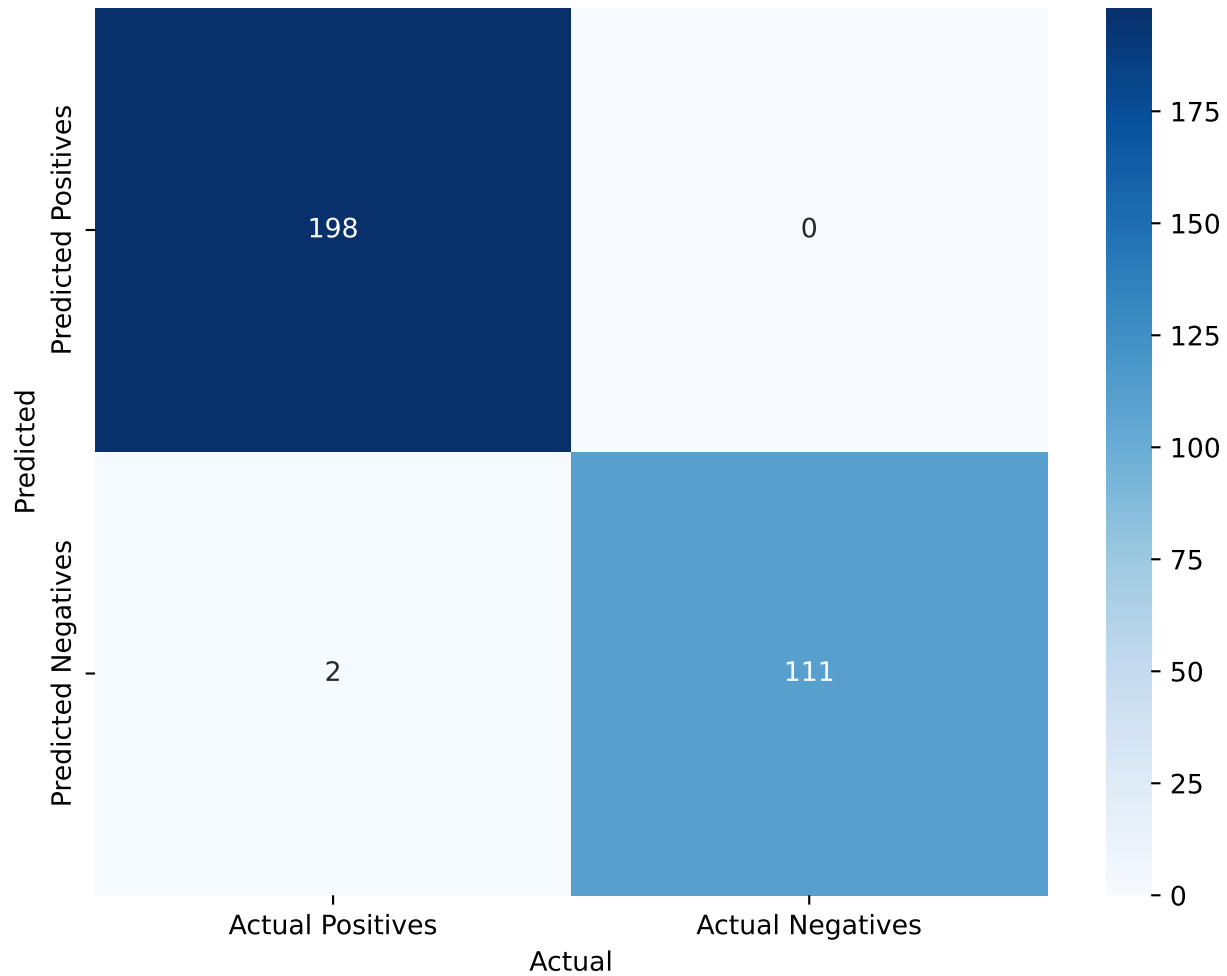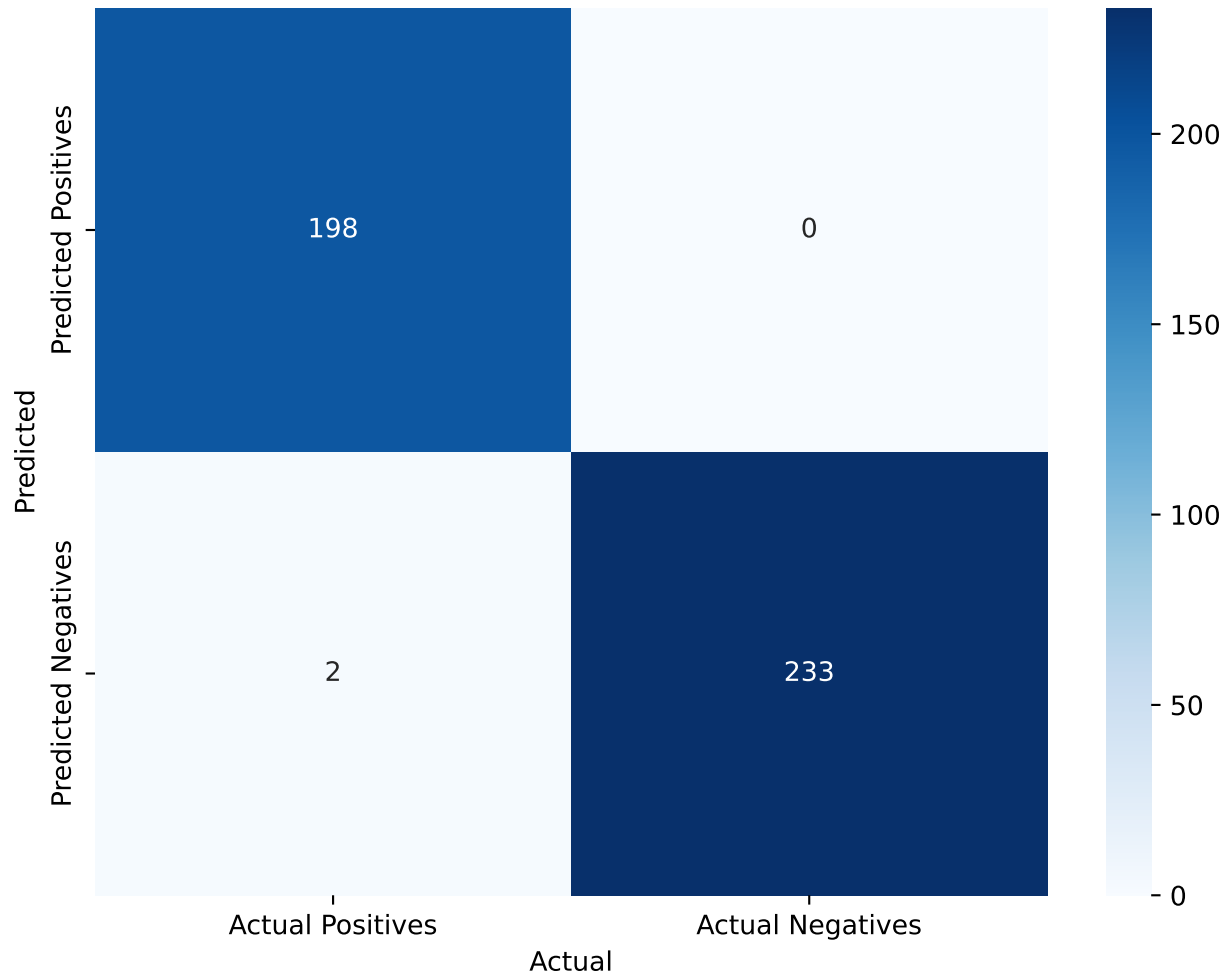Confusion Matrix

Parameter Set:
- PCR Cycles: 10
- Barcode Length: 12
- PCR Efficiency: 0.85
- Error Probability: 0.0001
- Initial Barcodes: 200

- True Positives (TP): 198
- True Negatives (TN): 111
- False Positives (FP): 0
- False Negatives (FN): 2
- Precision: 1.0000
- Accuracy: 0.9936
- Runtime: 0.39 seconds

# Confusion Matrix

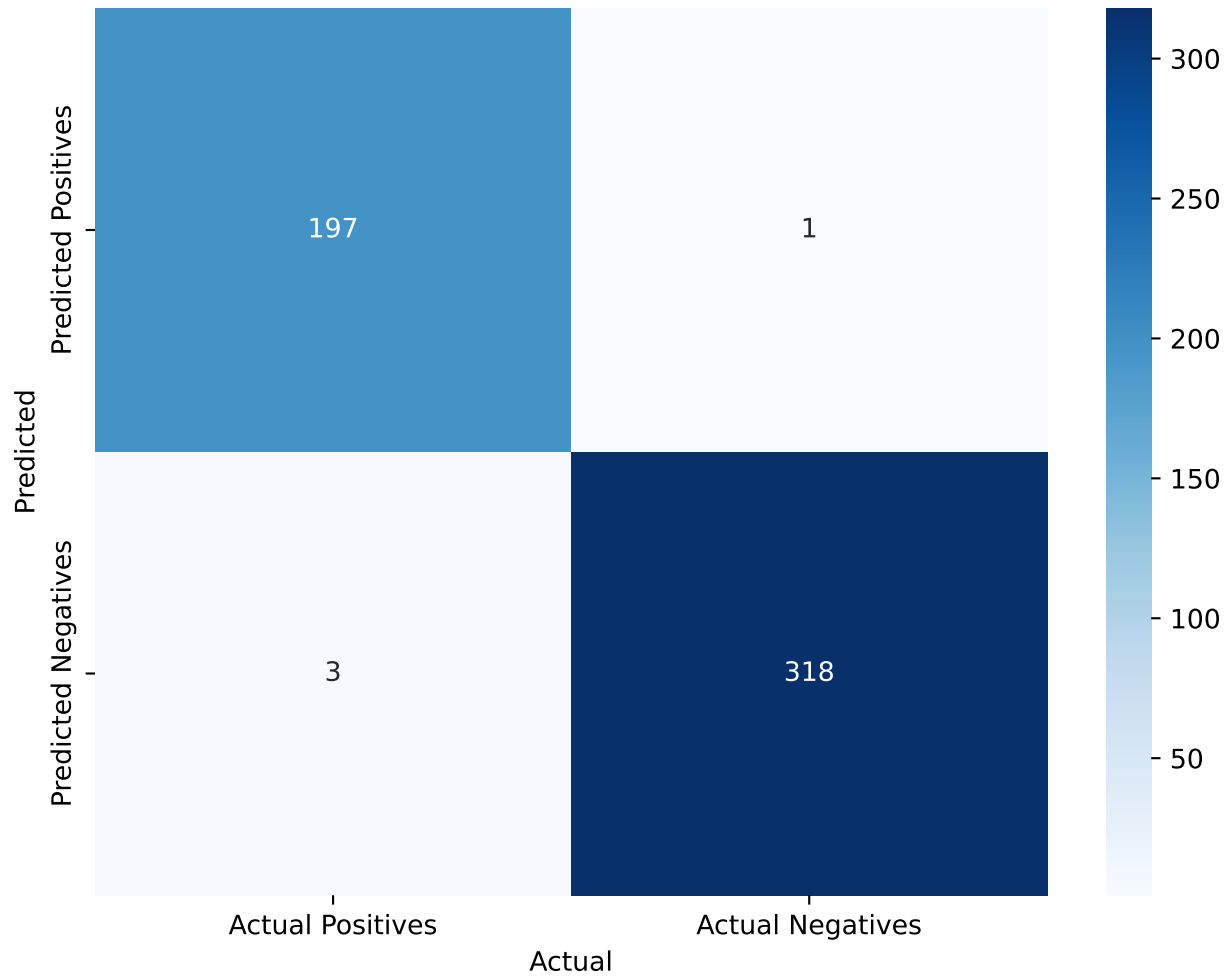|  | Actual Positives | Actual Negatives |
|---|---|---|
| **Predicted Positives** | 198 | 0 |
| **Predicted Negatives** | 2 | 233 |

Parameter Set:
- PCR Cycles: 10
- Barcode Length: 24
- PCR Efficiency: 0.85
- Error Probability: 0.0001
- Initial Barcodes: 200

- True Positives (TP): 198
- True Negatives (TN): 233
- False Positives (FP): 0
- False Negatives (FN): 2
- Precision: 1.0000
- Accuracy: 0.9954
- Runtime: 0.37 seconds

Confusion Matrix

Parameter Set:
- PCR Cycles: 10
- Barcode Length: 36
- PCR Efficiency: 0.85
- Error Probability: 0.0001
- Initial Barcodes: 200

- True Positives (TP): 197
- True Negatives (TN): 318
- False Positives (FP): 1
- False Negatives (FN): 3
- Precision: 0.9949
- Accuracy: 0.9923
- Runtime: 0.52 seconds

Confusion Matrix

Parameter Set:
- PCR Cycles: 15
- Barcode Length: 12
- PCR Efficiency: 0.85
- Error Probability: 0.0001
- Initial Barcodes: 200

- True Positives (TP): 200
- True Negatives (TN): 2257
- False Positives (FP): 11
- False Negatives (FN): 0
- Precision: 0.9479
- Accuracy: 0.9955
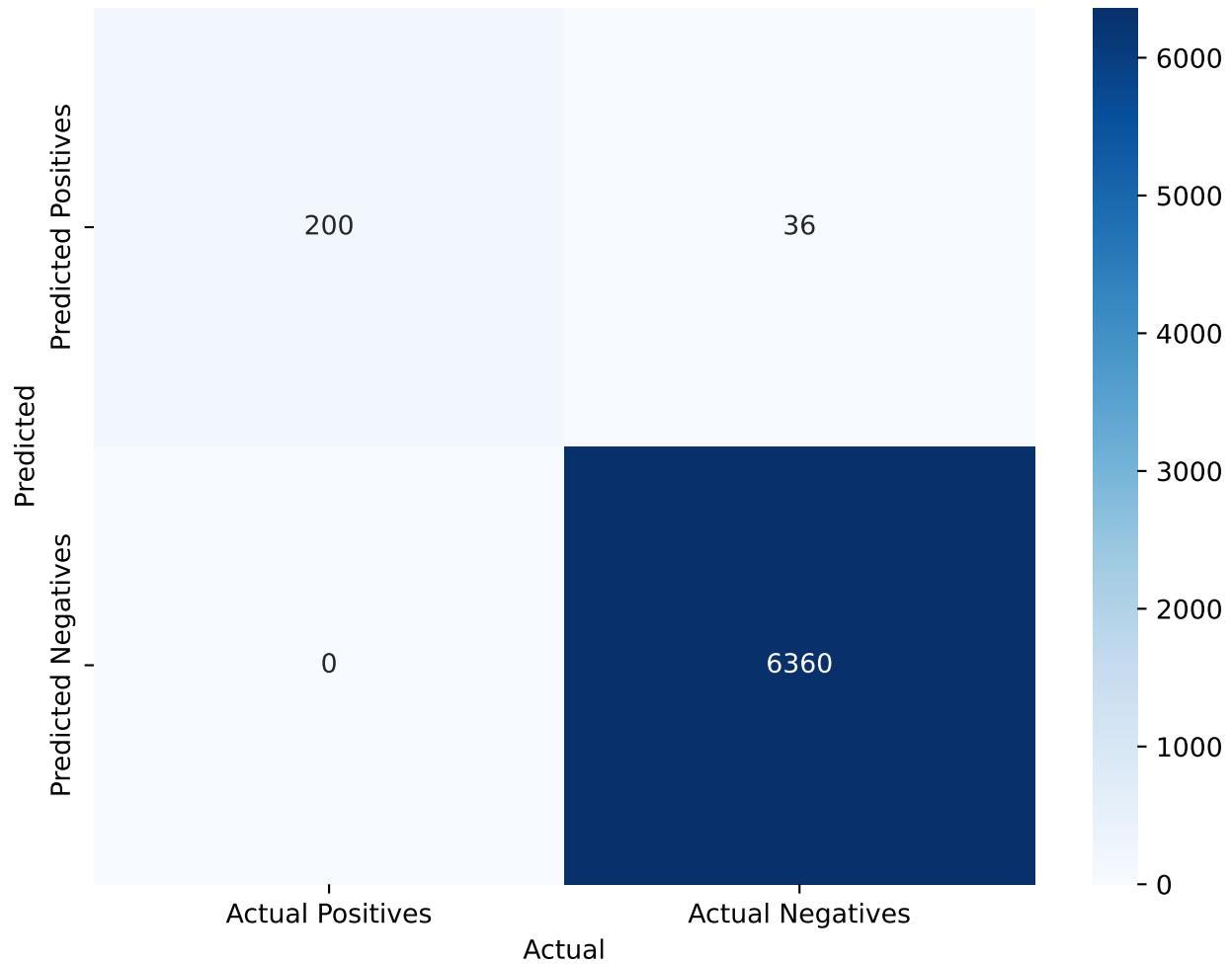- Runtime: 4.68 seconds

Confusion Matrix

Parameter Set:
- PCR Cycles: 15
- Barcode Length: 24
- PCR Efficiency: 0.85
- Error Probability: 0.0001
- Initial Barcodes: 200

- True Positives (TP): 200
- True Negatives (TN): 4433
- False Positives (FP): 22
- False Negatives (FN): 0
- Precision: 0.9009
- Accuracy: 0.9953
- Runtime: 7.39 seconds

Confusion Matrix

Parameter Set:
- PCR Cycles: 15
- Barcode Length: 36
- PCR Efficiency: 0.85
- Error Probability: 0.0001
- Initial Barcodes: 200

- True Positives (TP): 200
- True Negatives (TN): 6360
- False Positives (FP): 36
- False Negatives (FN): 0
- Precision: 0.8475
- Accuracy: 0.9945
- Runtime: 10.17 seconds

Summary of Results:

- Best Run:  (Precision=0.0000, Accuracy=0.0000)
- Worst Run:  (Precision=inf, Accuracy=inf)
- Most Precise Run:  (Precision=0.0000)
- Most Accurate Run:  (Accuracy=0.0000)

- Average Time Per Molecule: 0.0000 seconds