

Competitor Products Summary

Prepared for Okra Medical

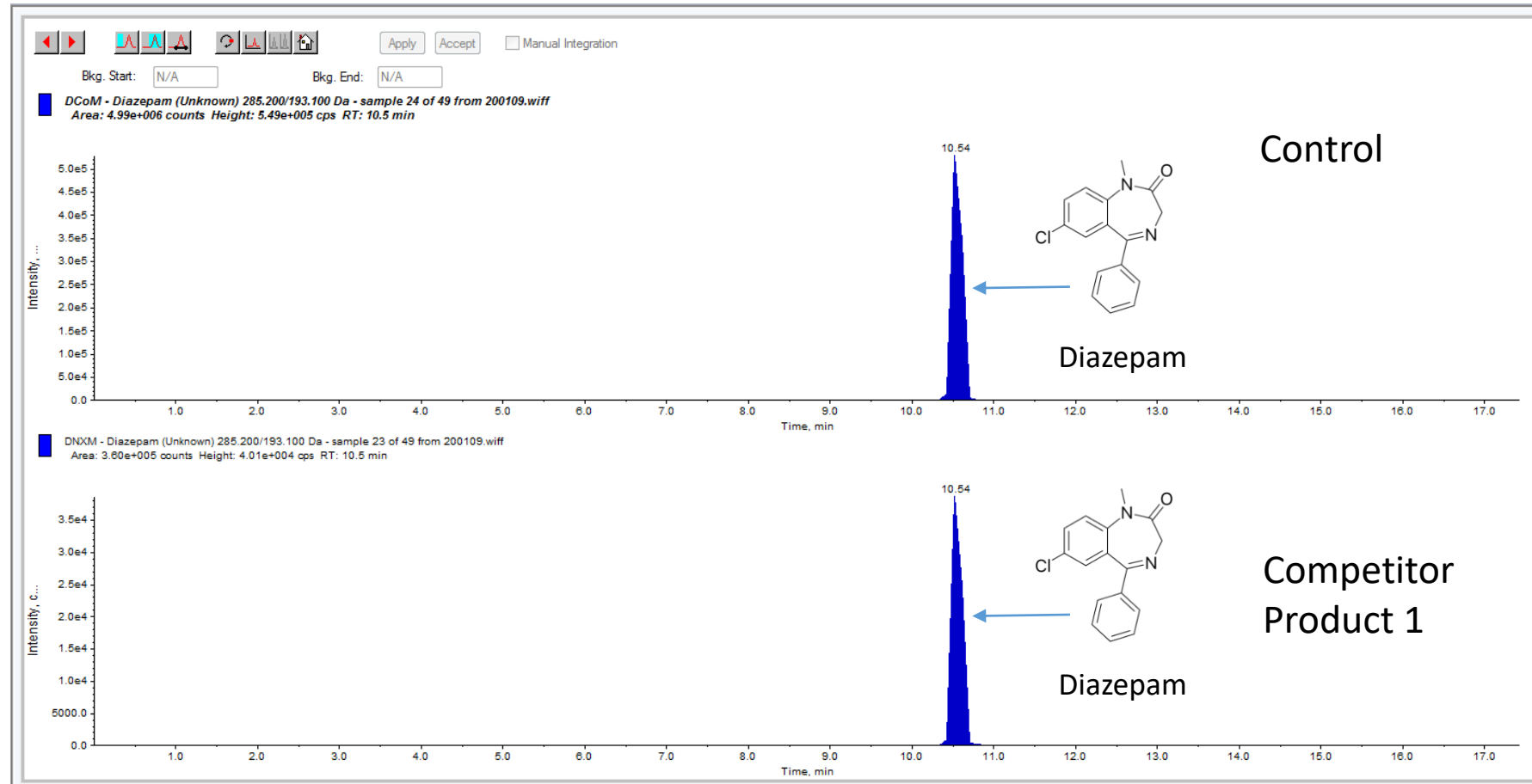
Project code: 18-66854

08AUG22

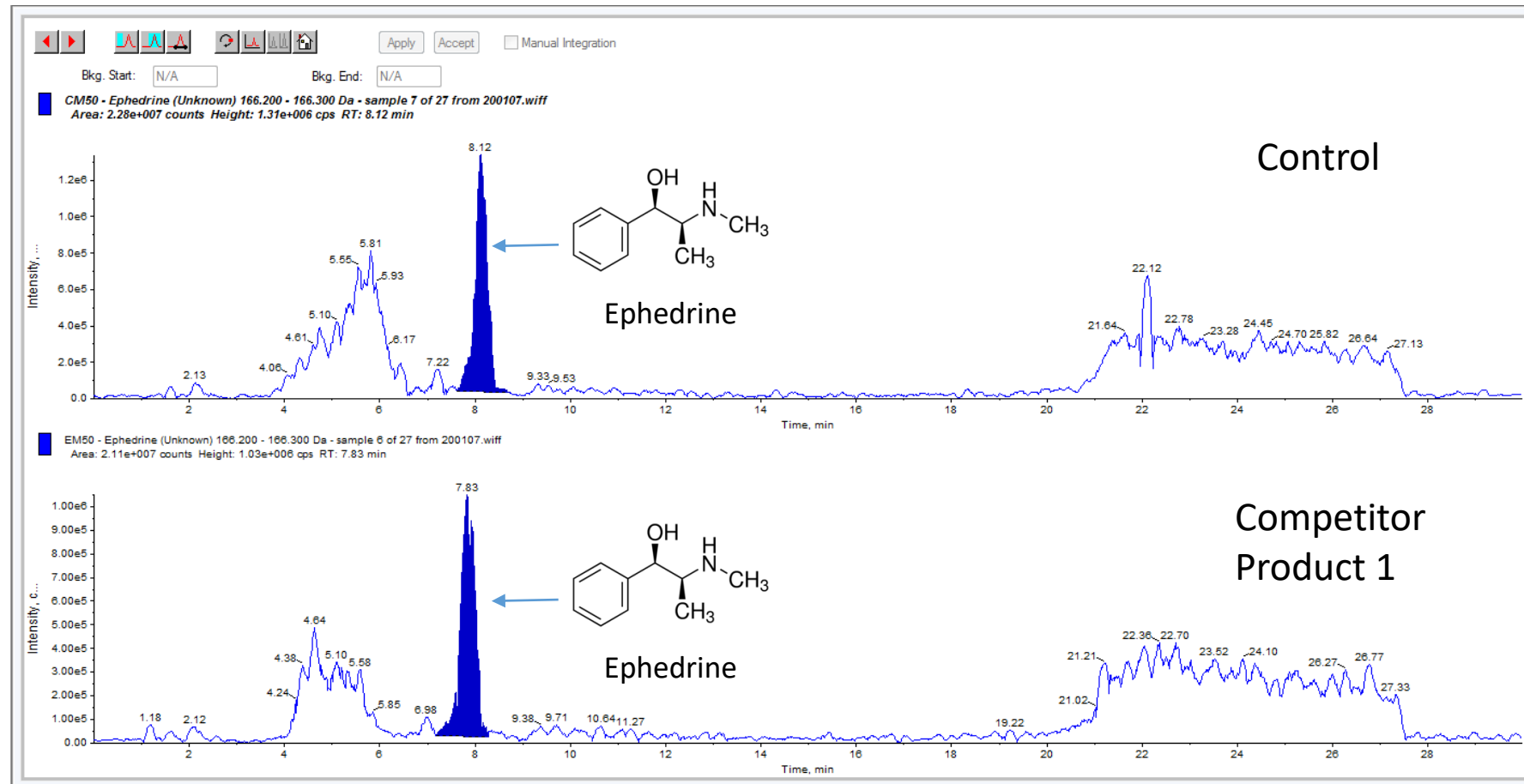
Methodology

- Up to 6 drugs were analyzed after treating with 9 competitor products and compared to a control condition without product
- Drugs were tested using LC-MS, with the peak area of the test sample being compared to the control to determine how much drug was destroyed by the product in 24 hours
- LC-MS represents a more sensitive and specific technique compared to HPLC-UV
- Chromatograms show control in the top panel and the sample treated with competitor product in the lower panel – the competitor product failed to destroy the controlled substances

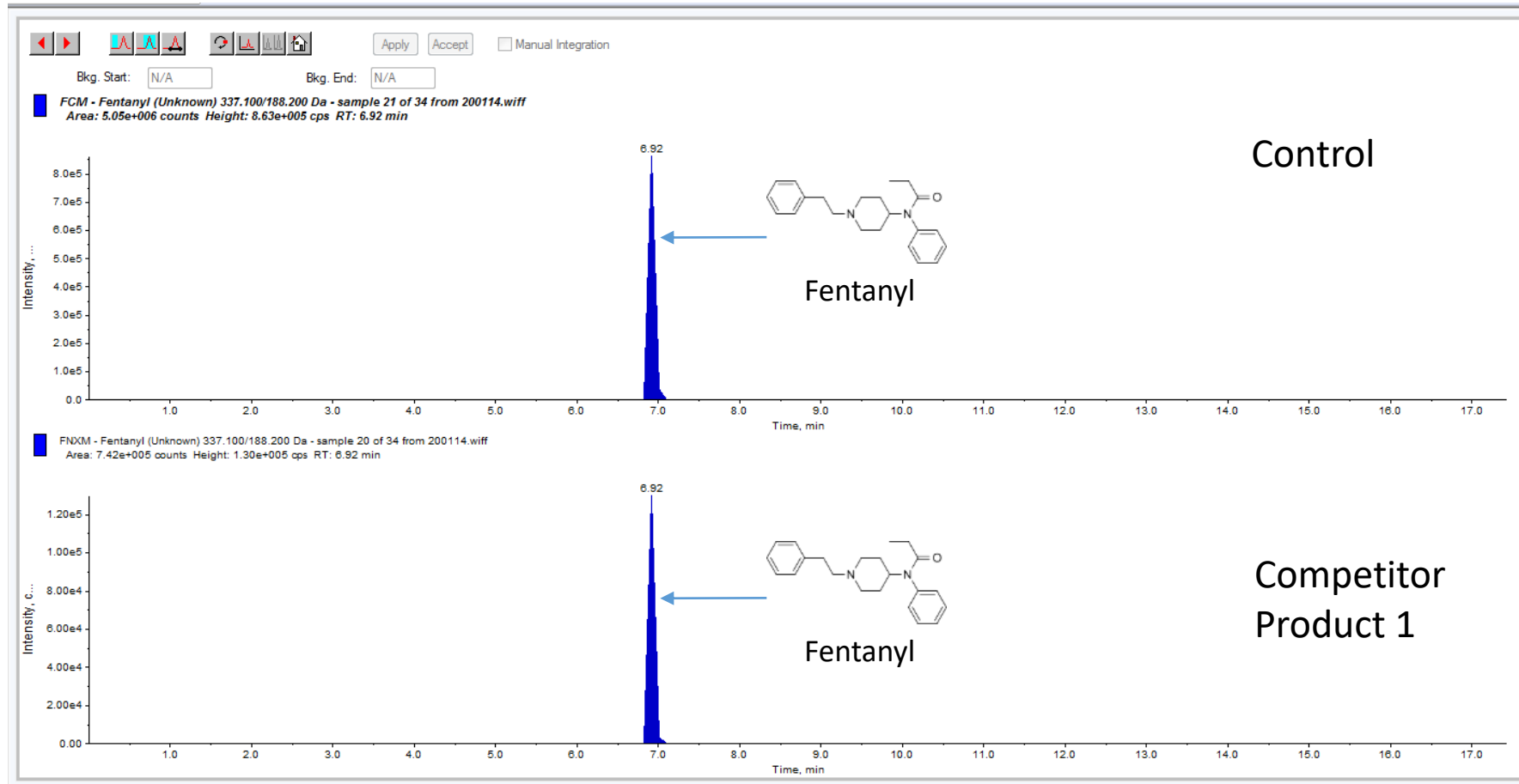
Competitor Product 1: Diazepam



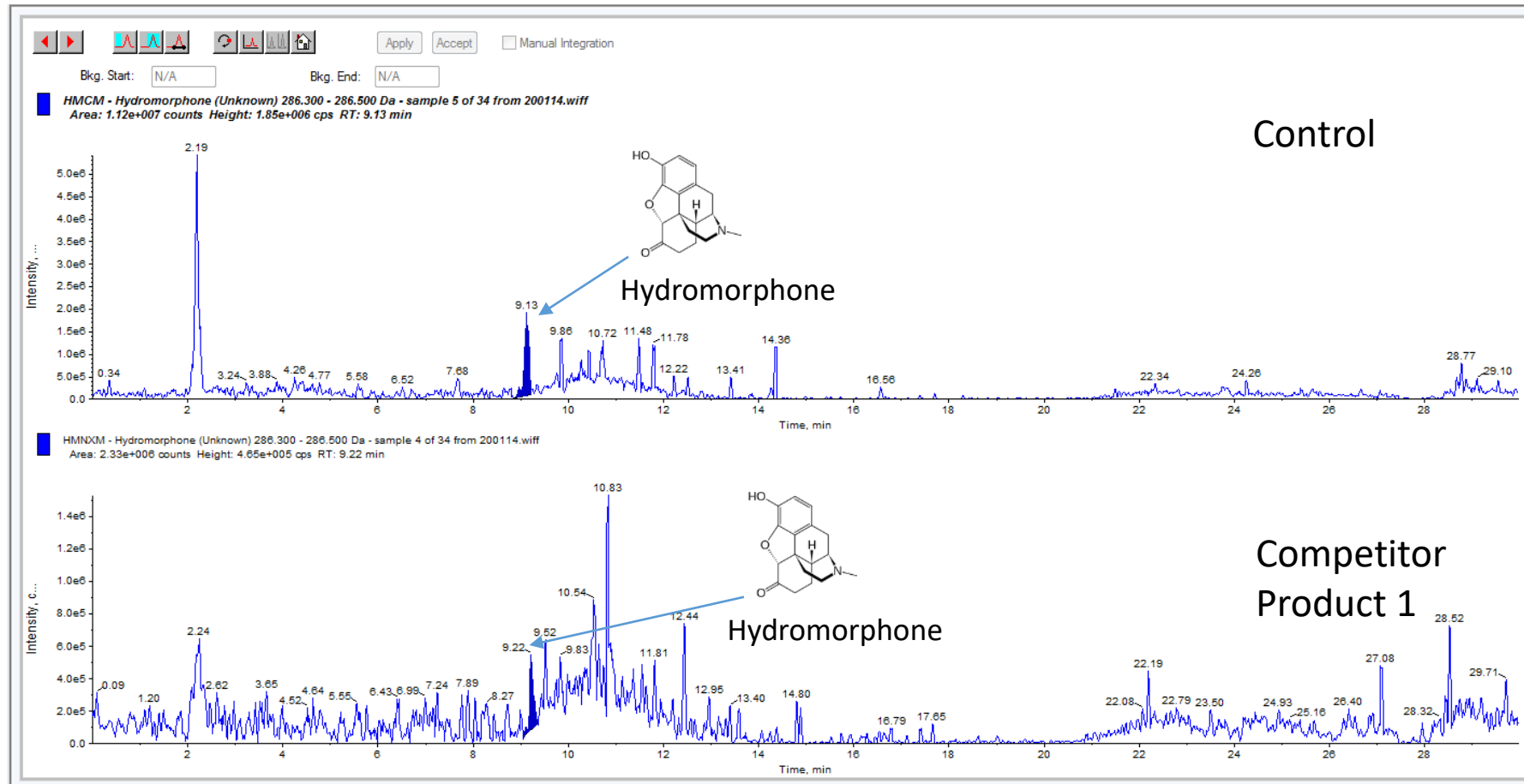
Competitor Product 1: Ephedrine



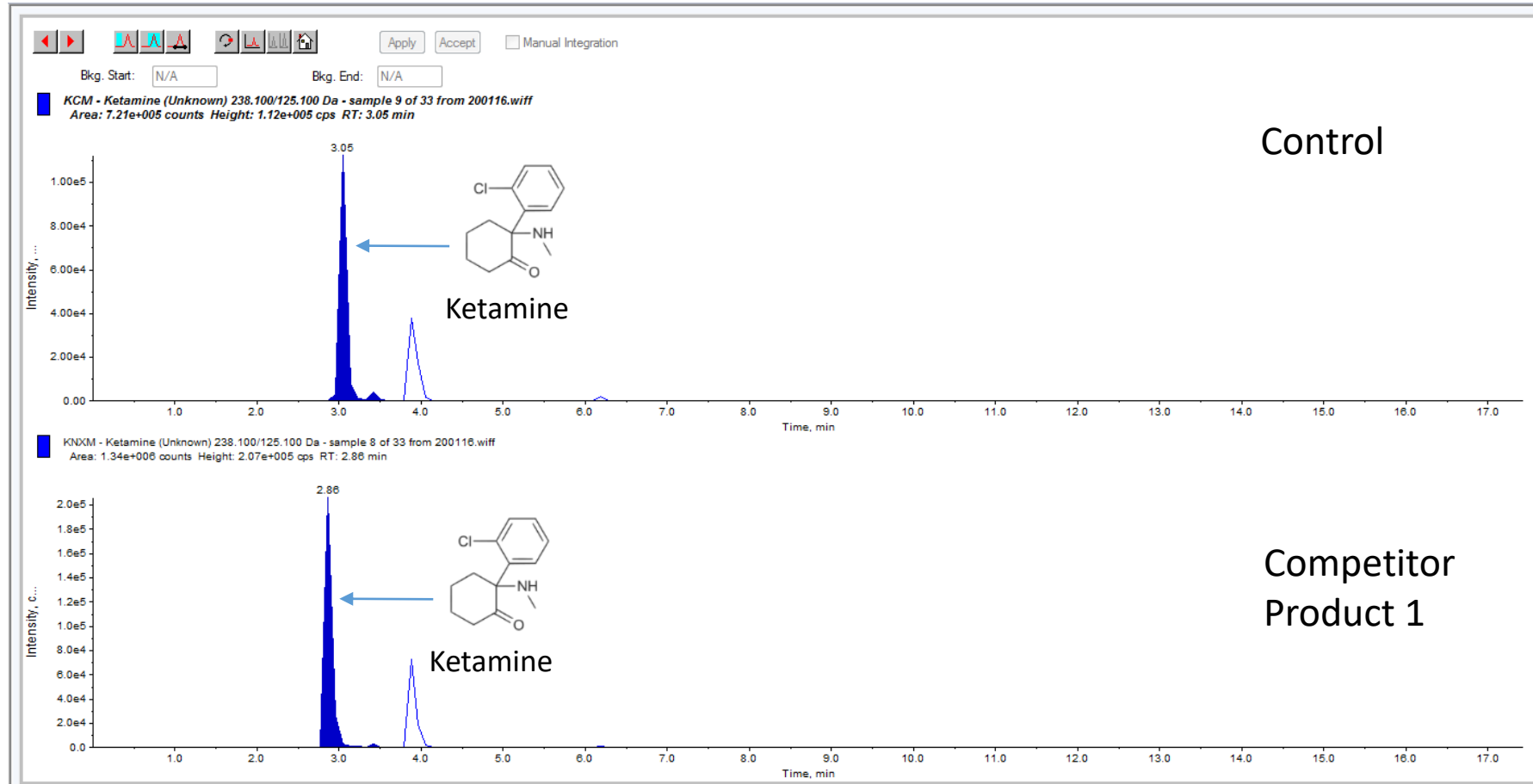
Competitor Product 1: Fentanyl



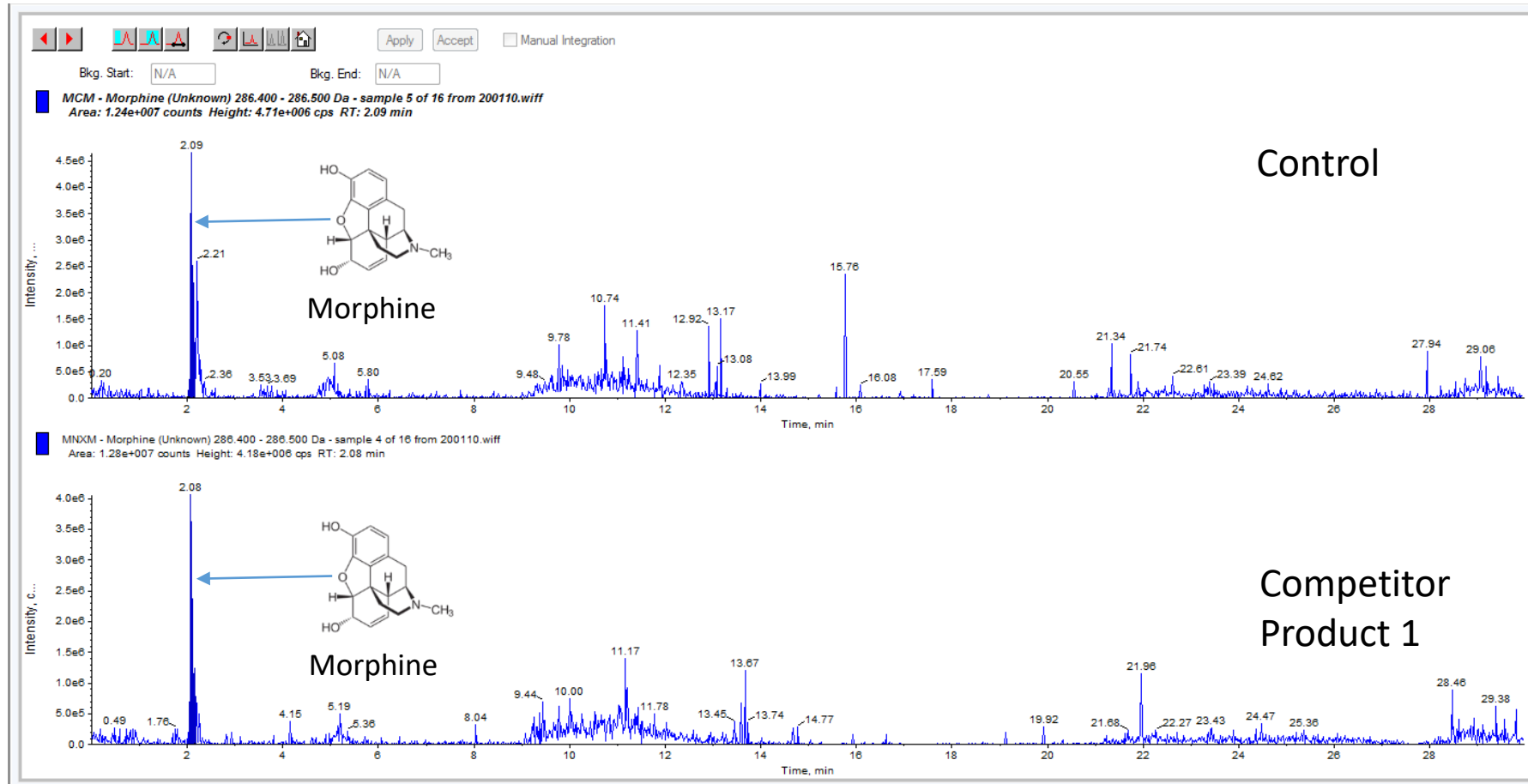
Competitor Product 1: Hydromorphone



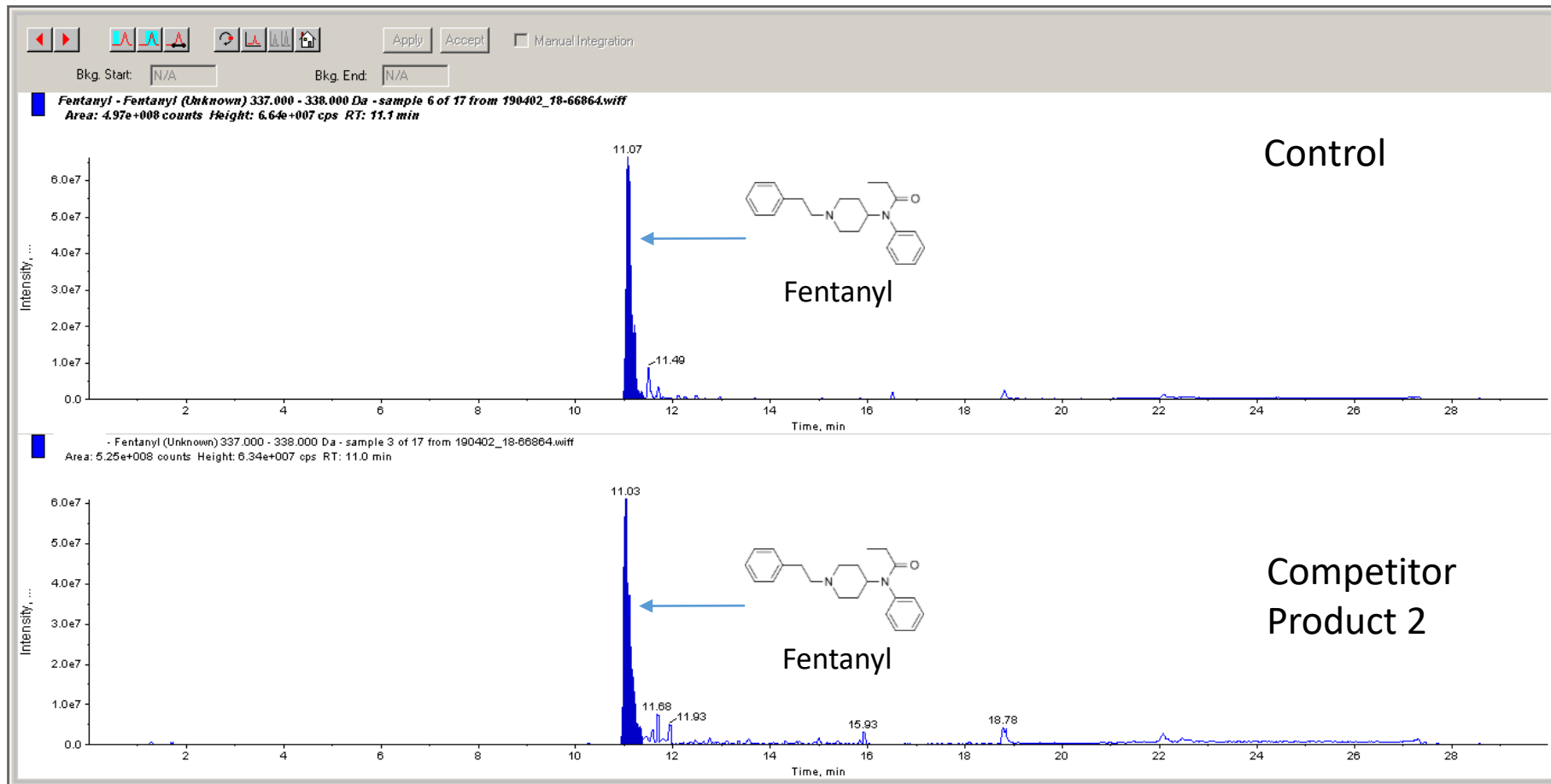
Competitor Product 1: Ketamine



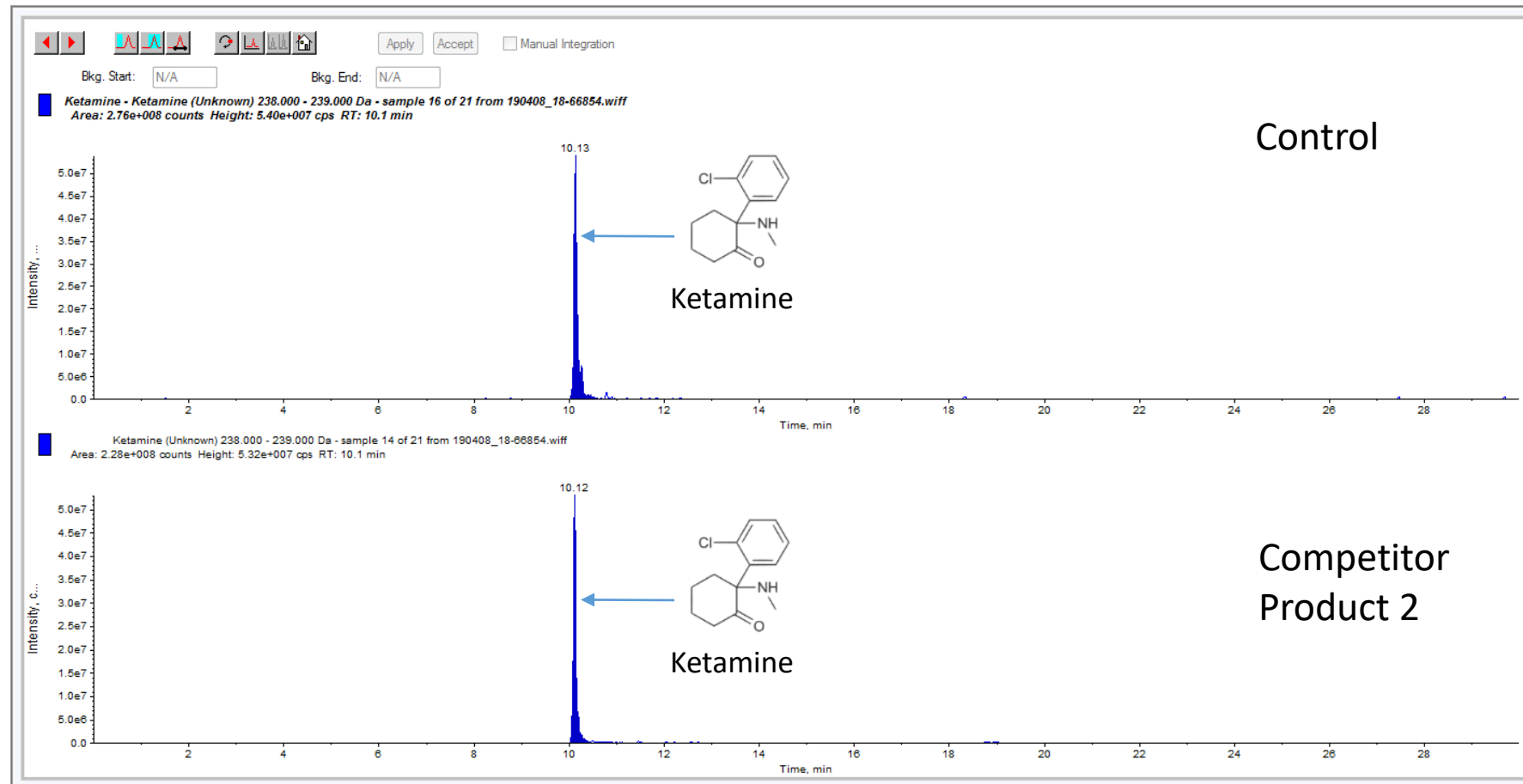
Competitor Product 1: Morphine



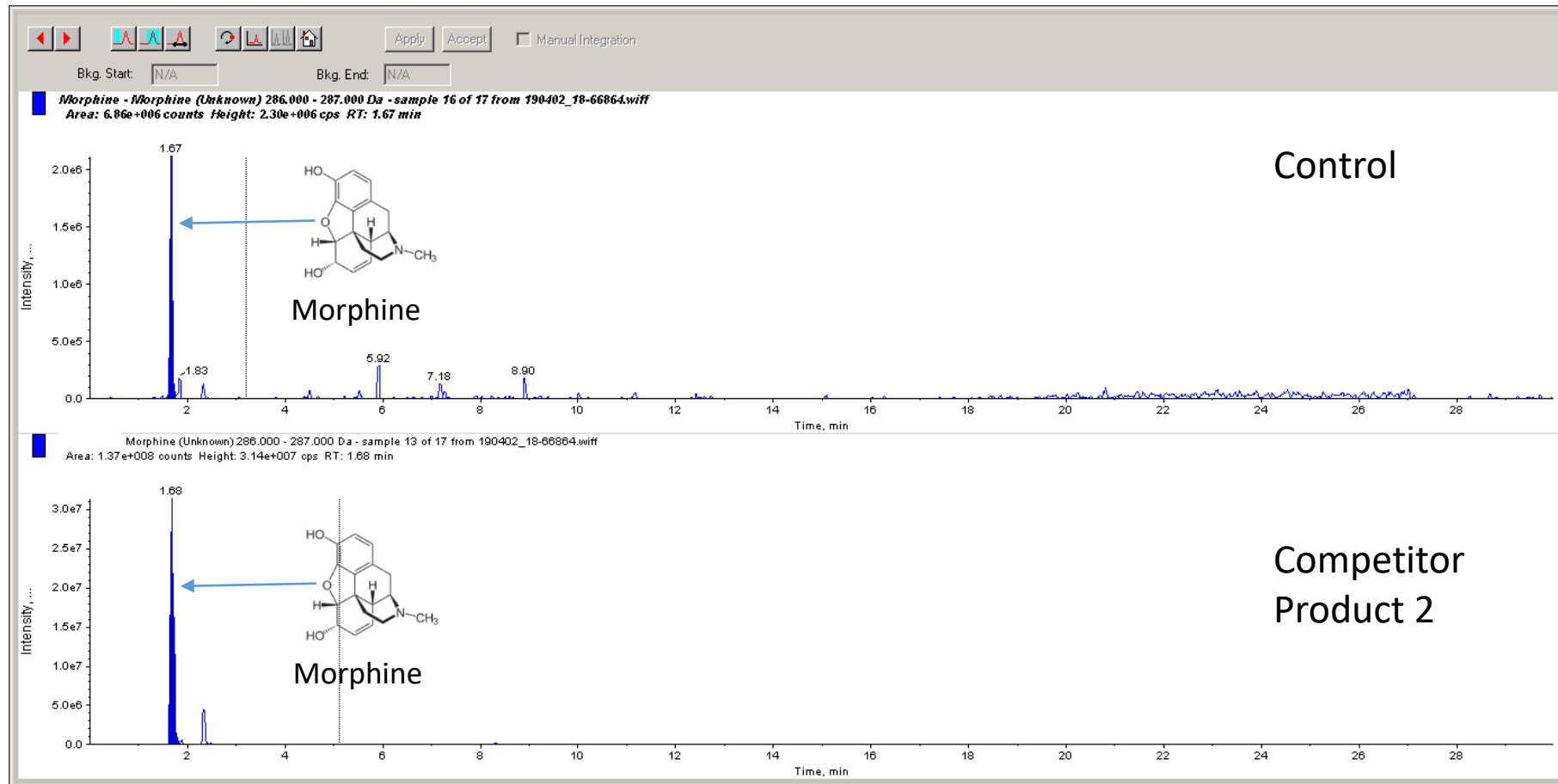
Competitor Product 2: Fentanyl



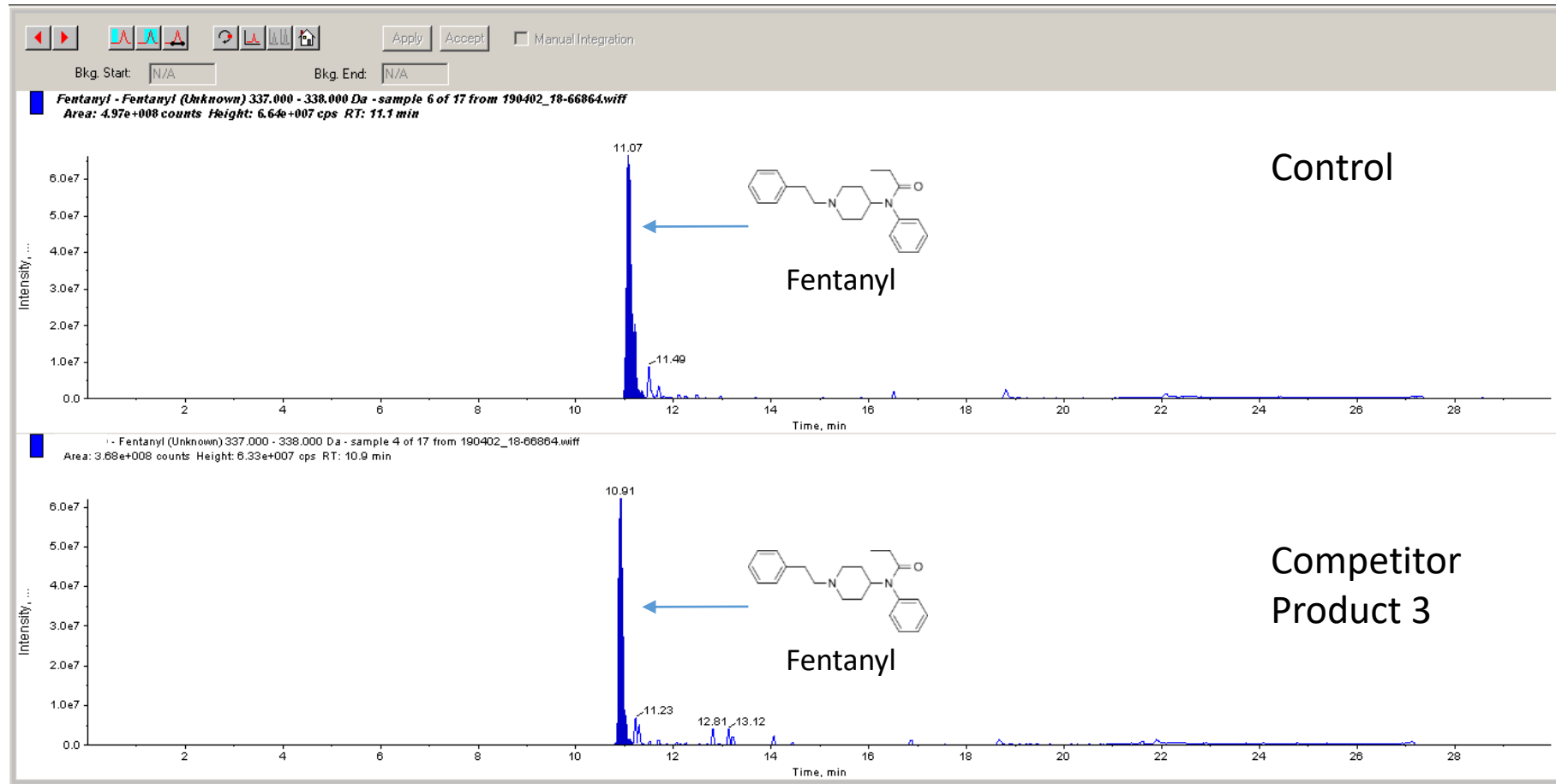
Competitor Product 2: Ketamine



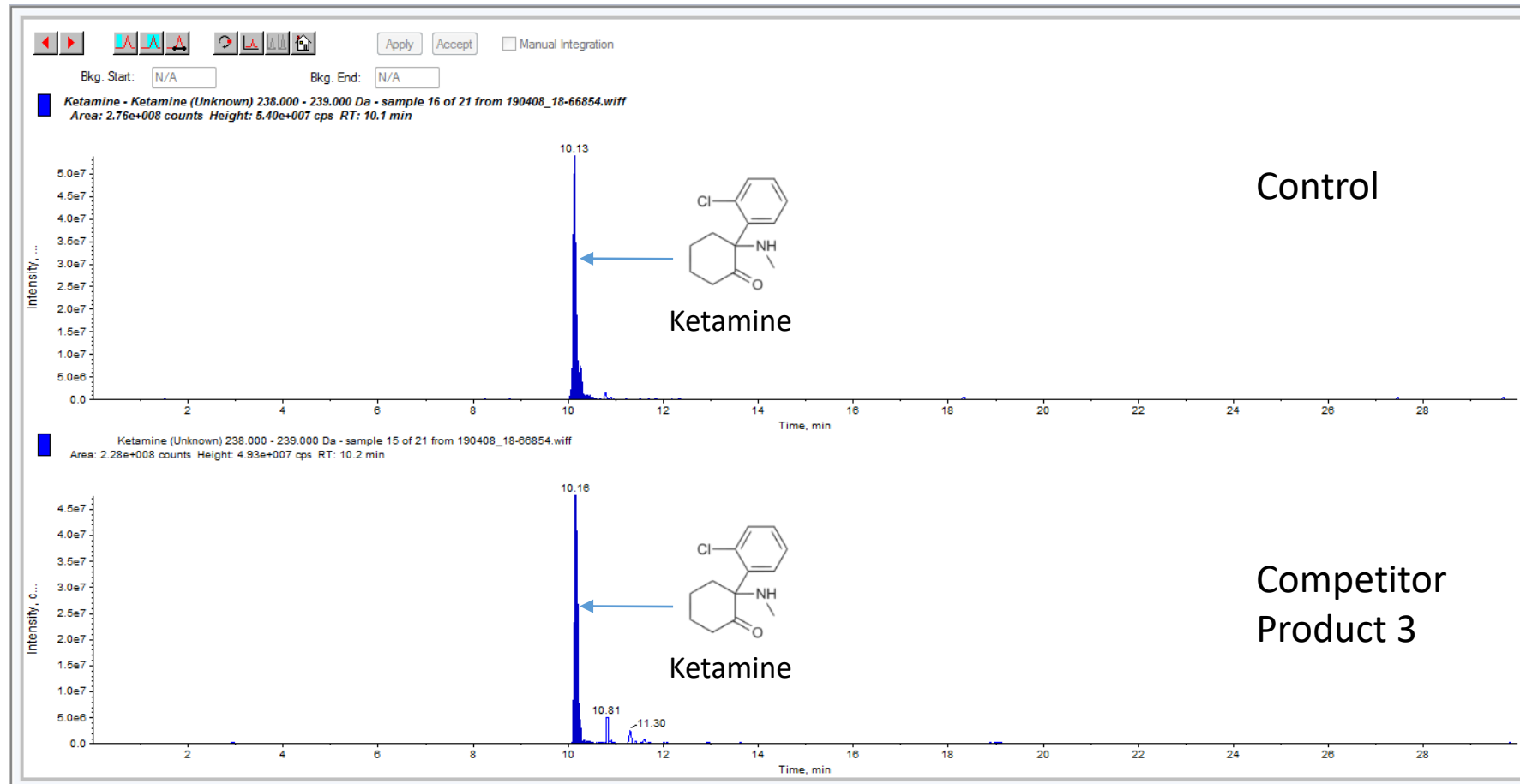
Competitor Product 2: Morphine



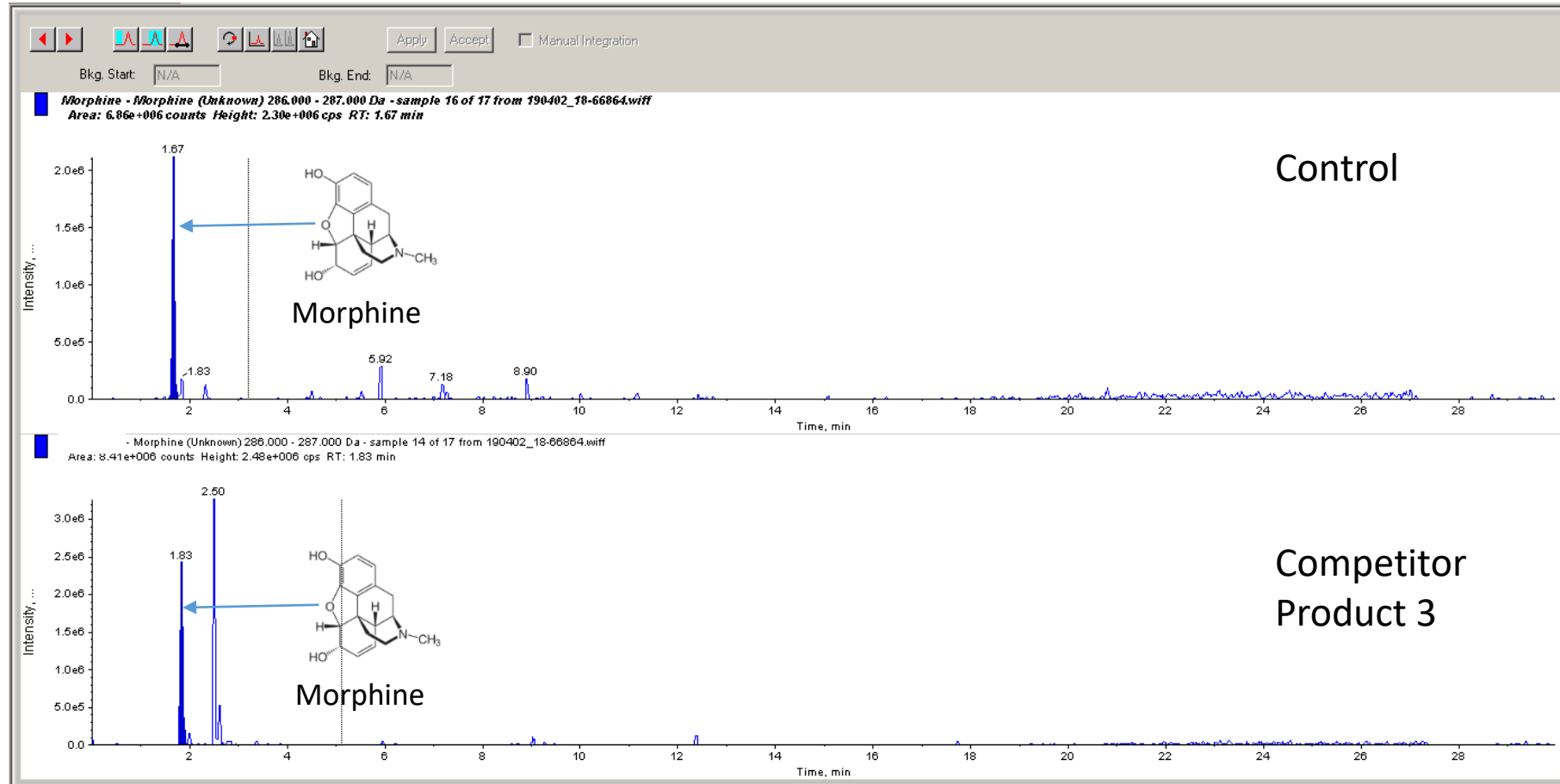
Competitor Product 3: Fentanyl



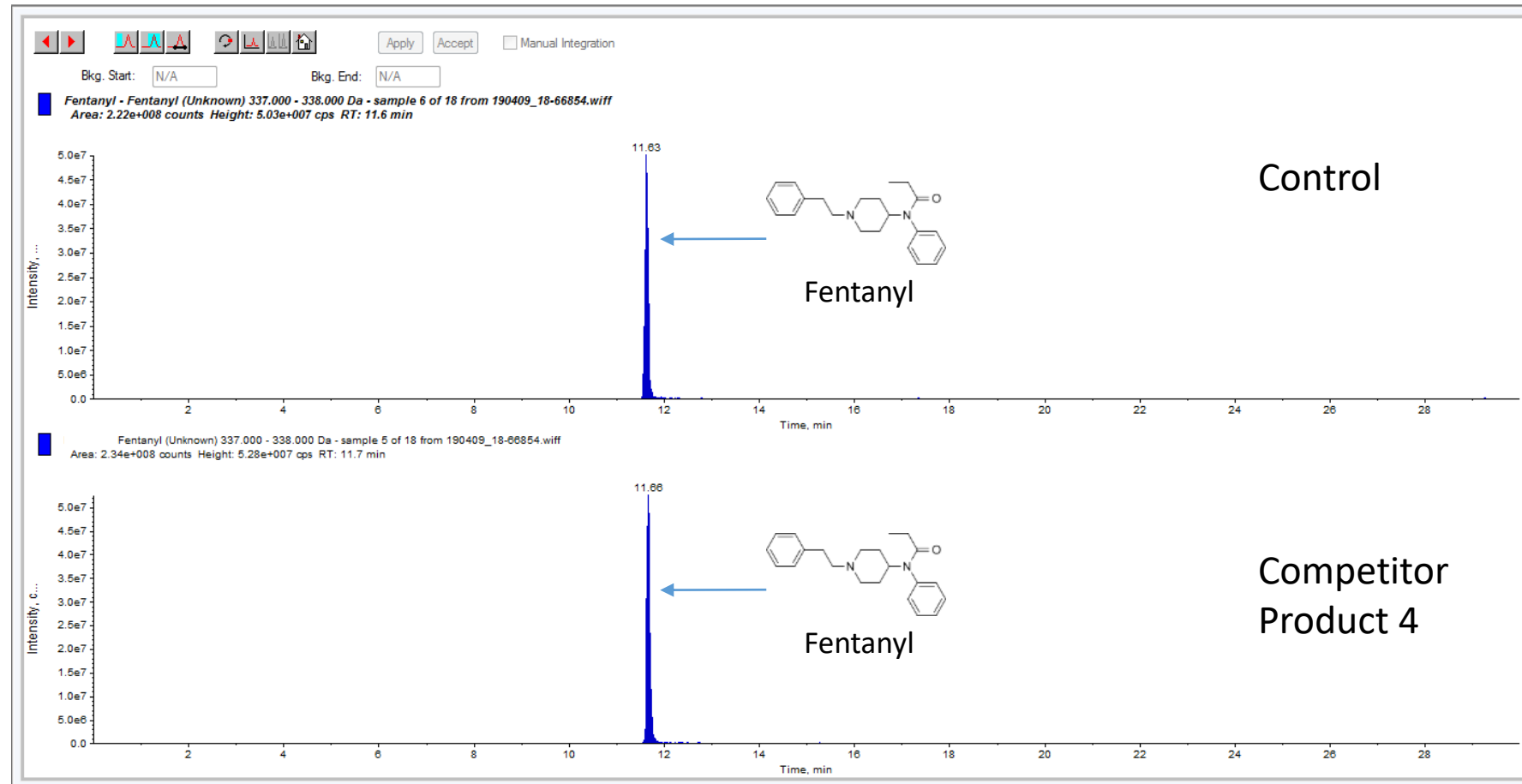
Competitor Product 3: Ketamine



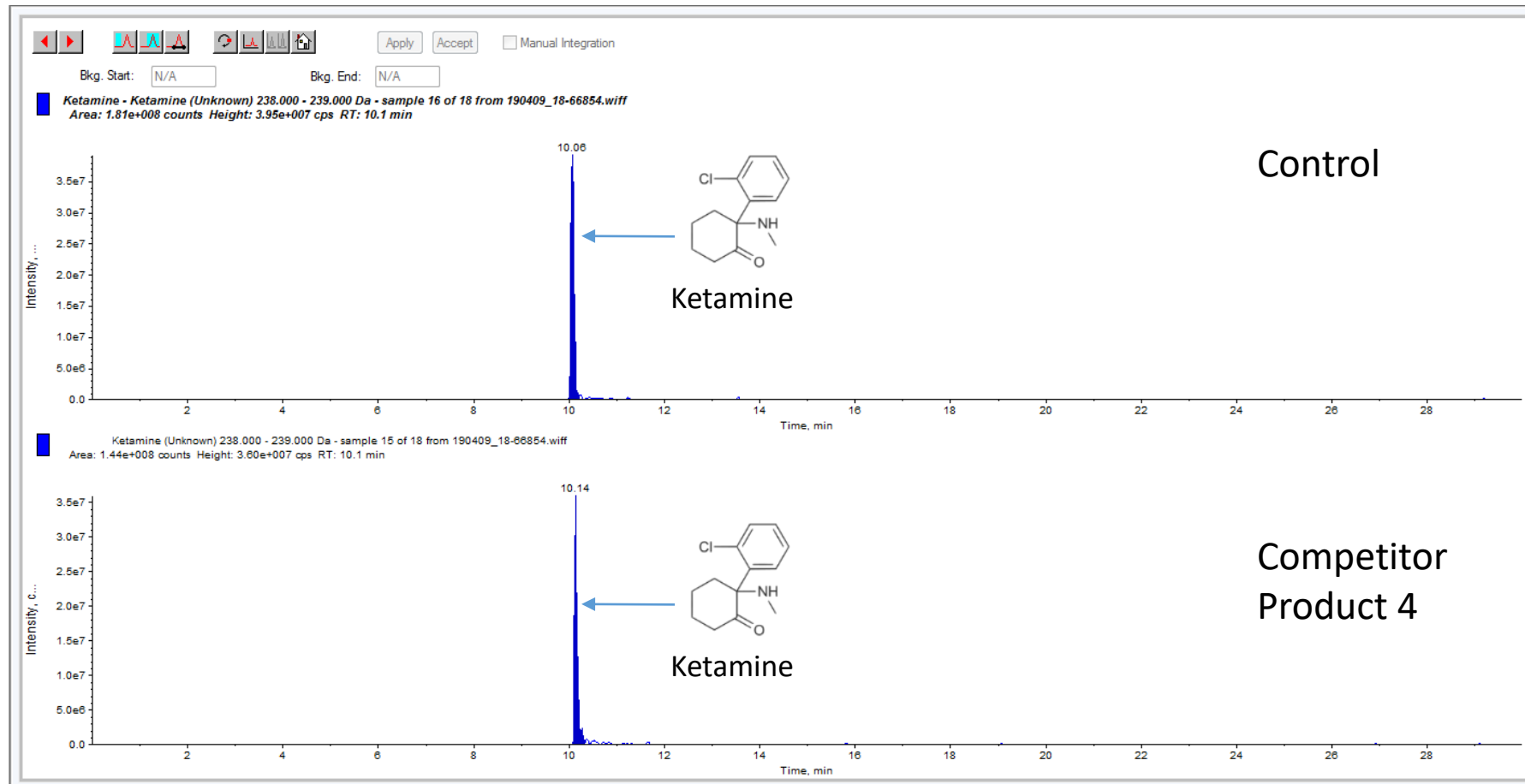
Competitor Product 3: Morphine



Competitor Product 4: Fentanyl



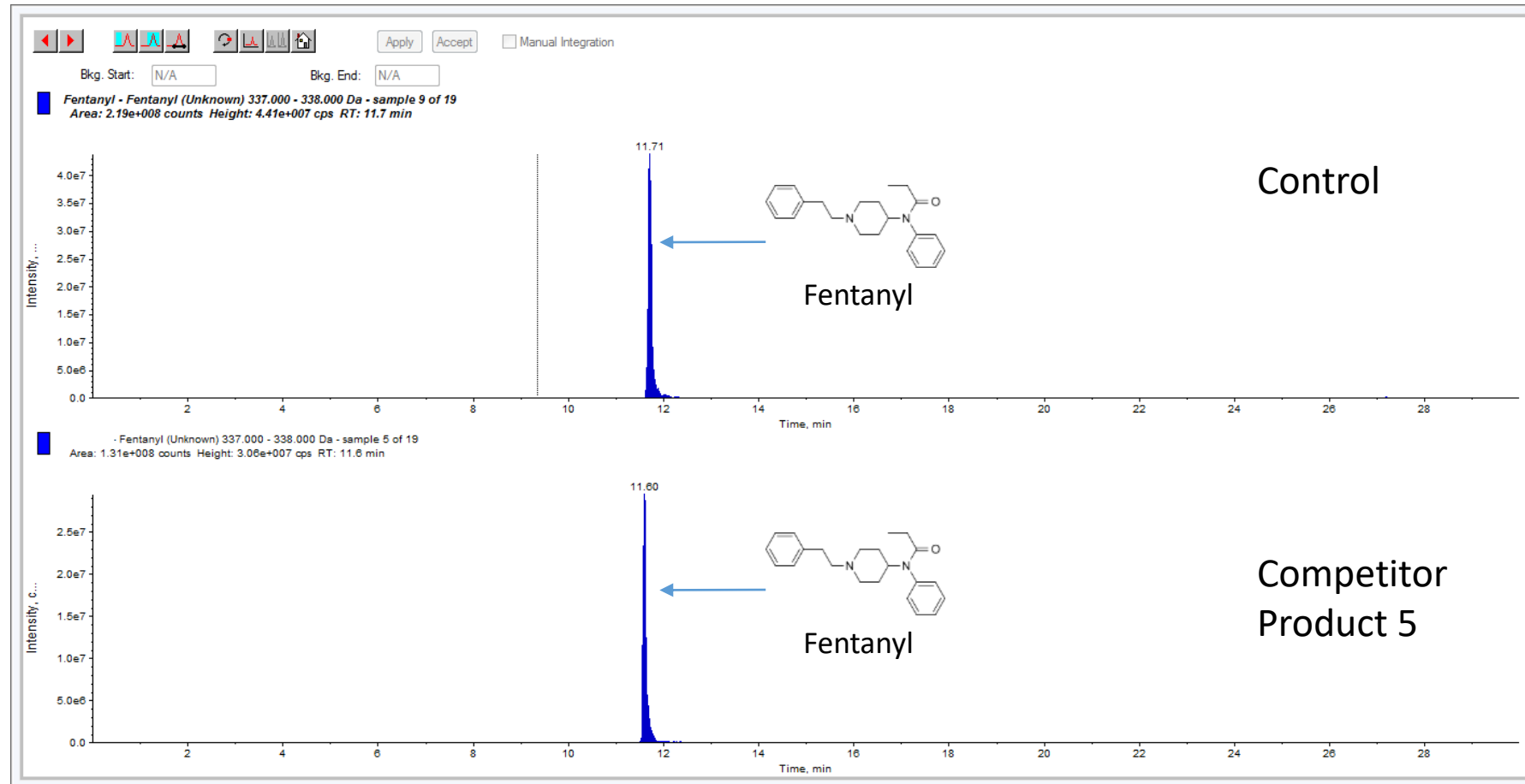
Competitor Product 4: Ketamine



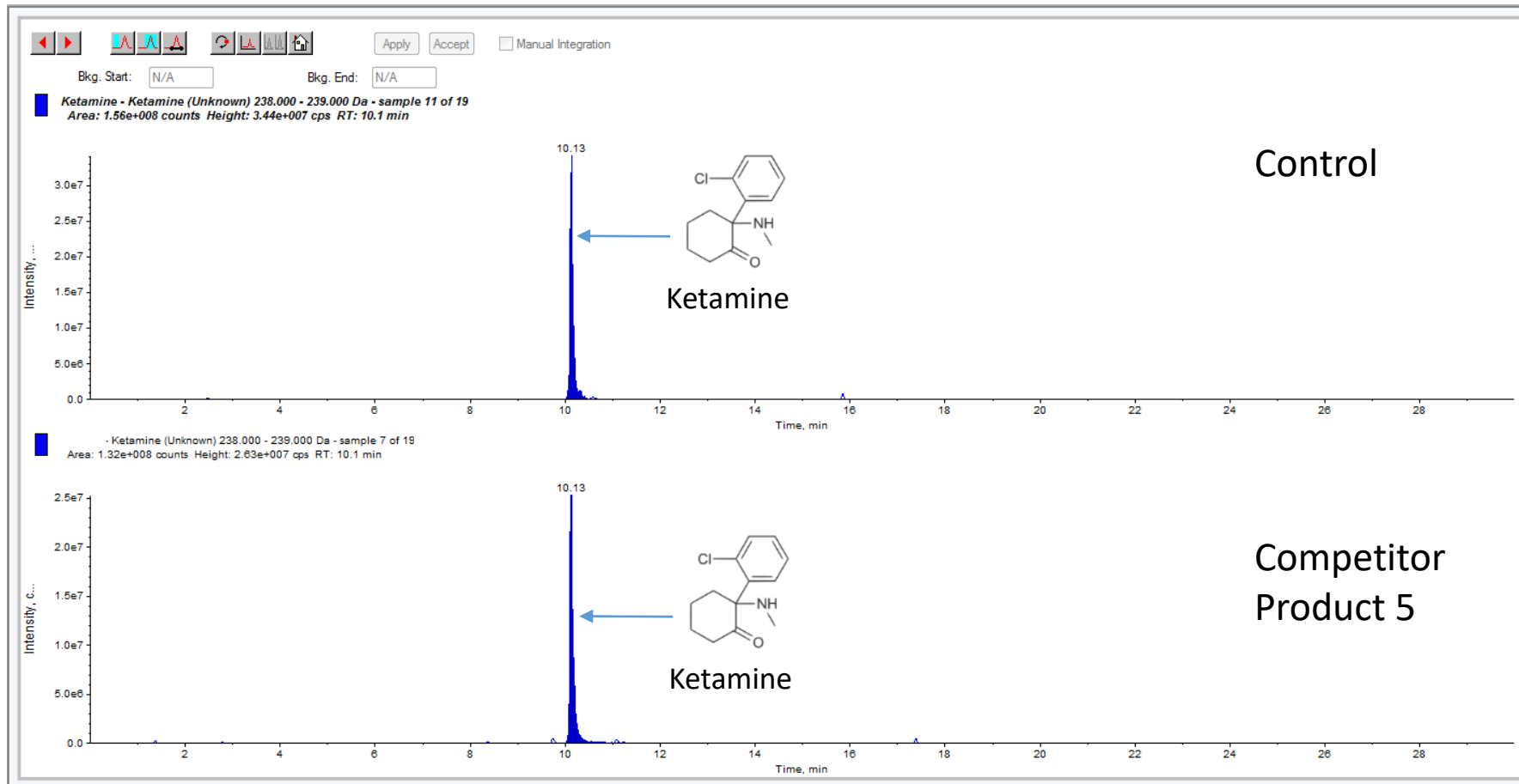
Competitor Product 4: Morphine



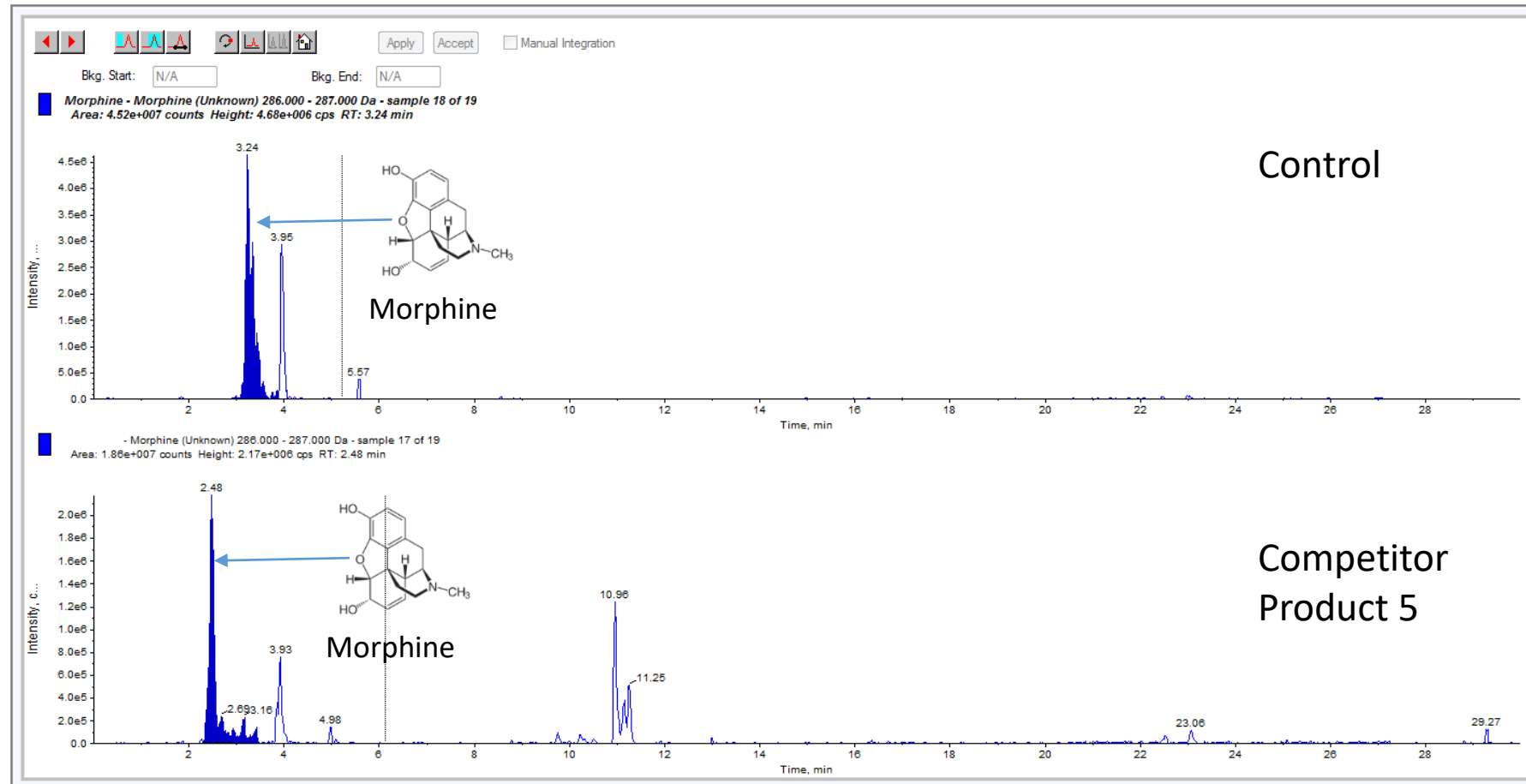
Competitor Product 5: Fentanyl



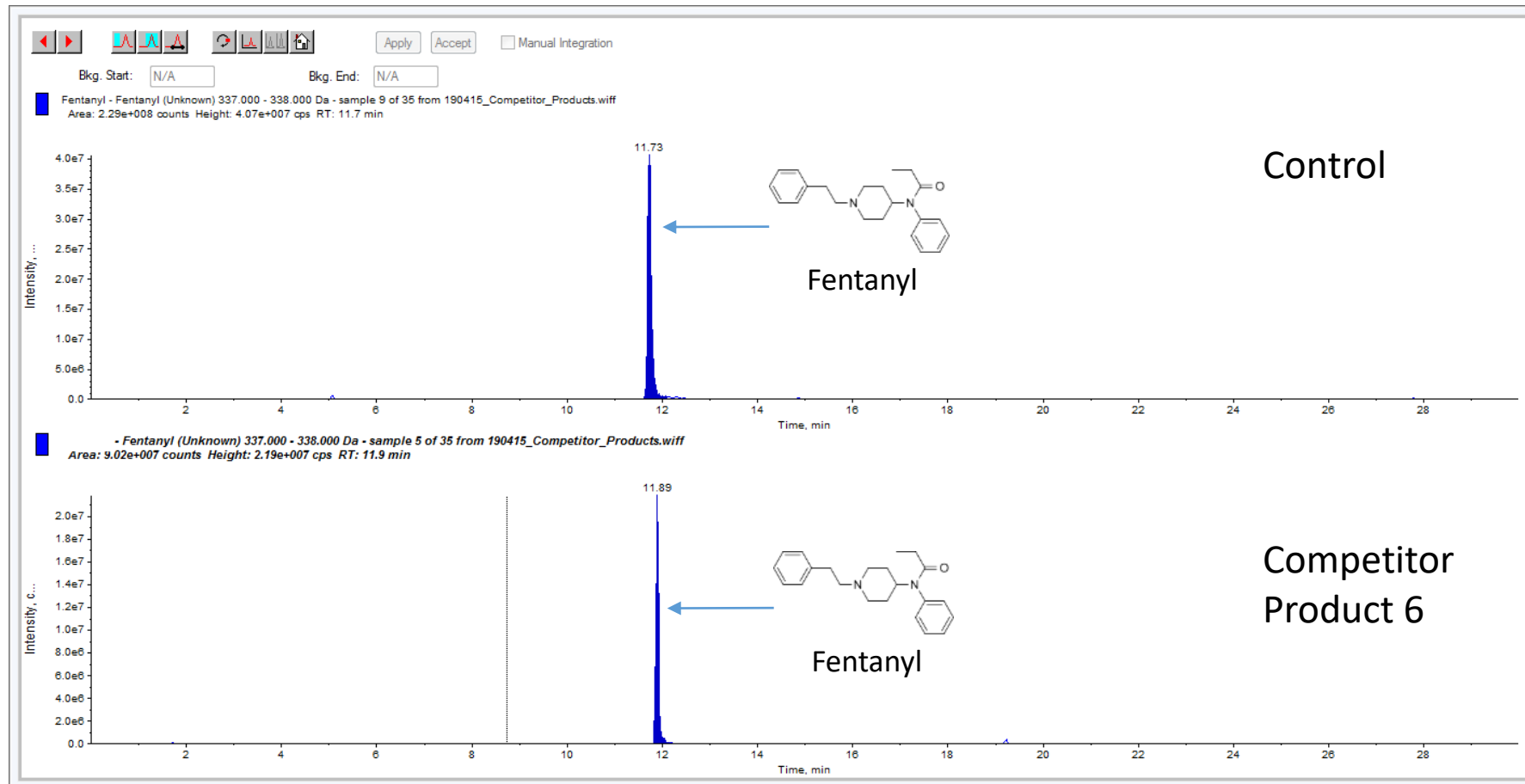
Competitor Product 5: Ketamine



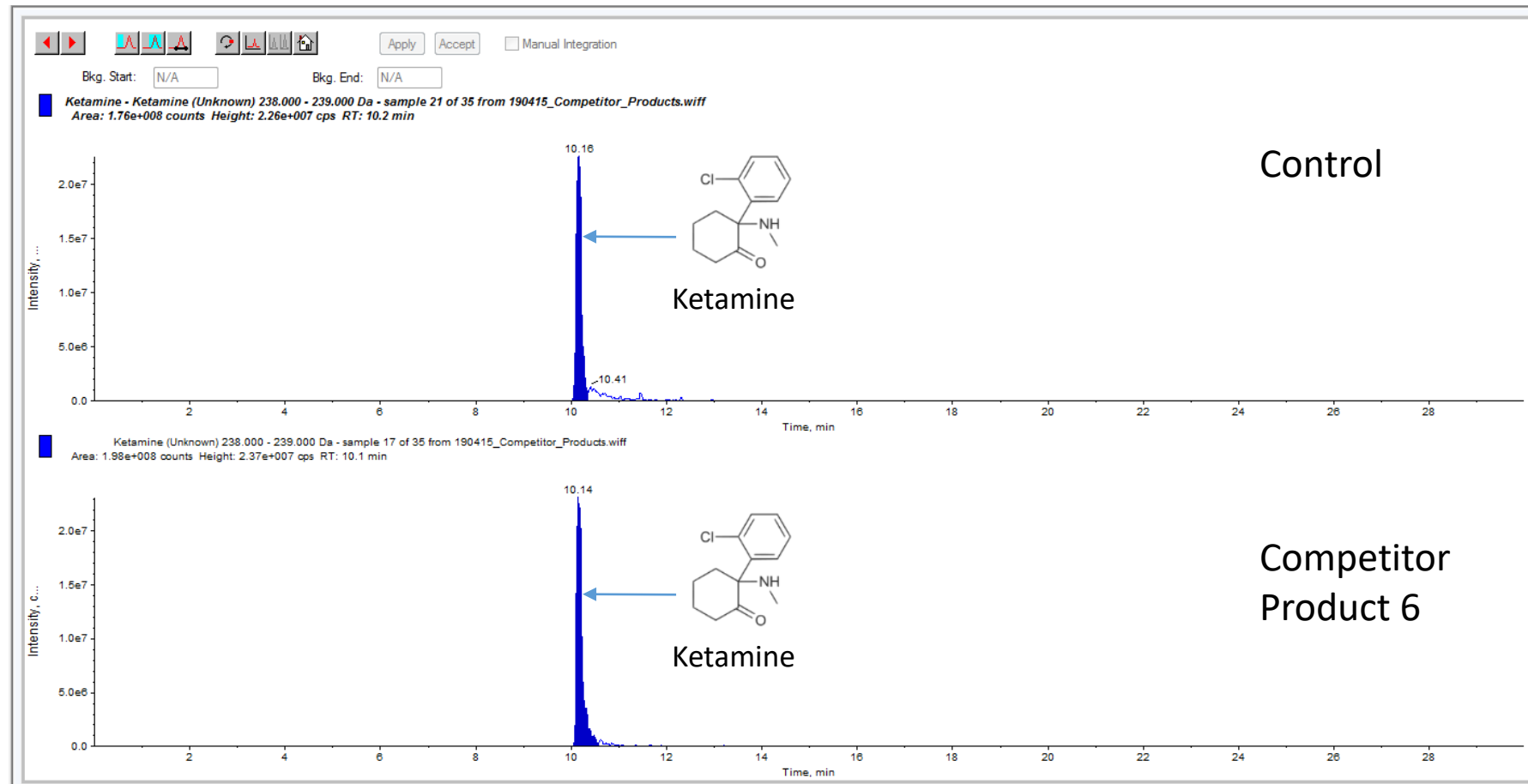
Competitor Product 5: Morphine



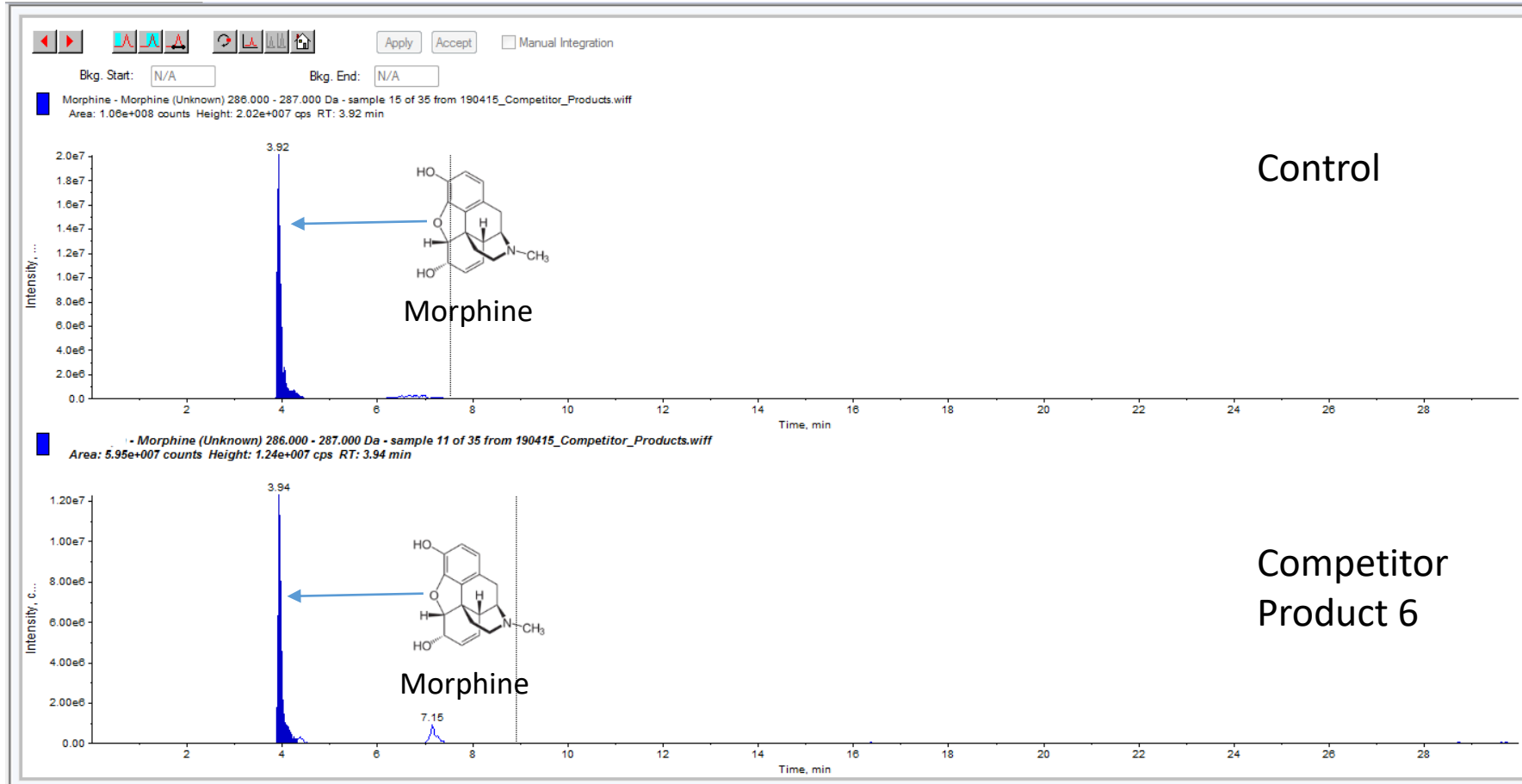
Competitor Product 6: Fentanyl



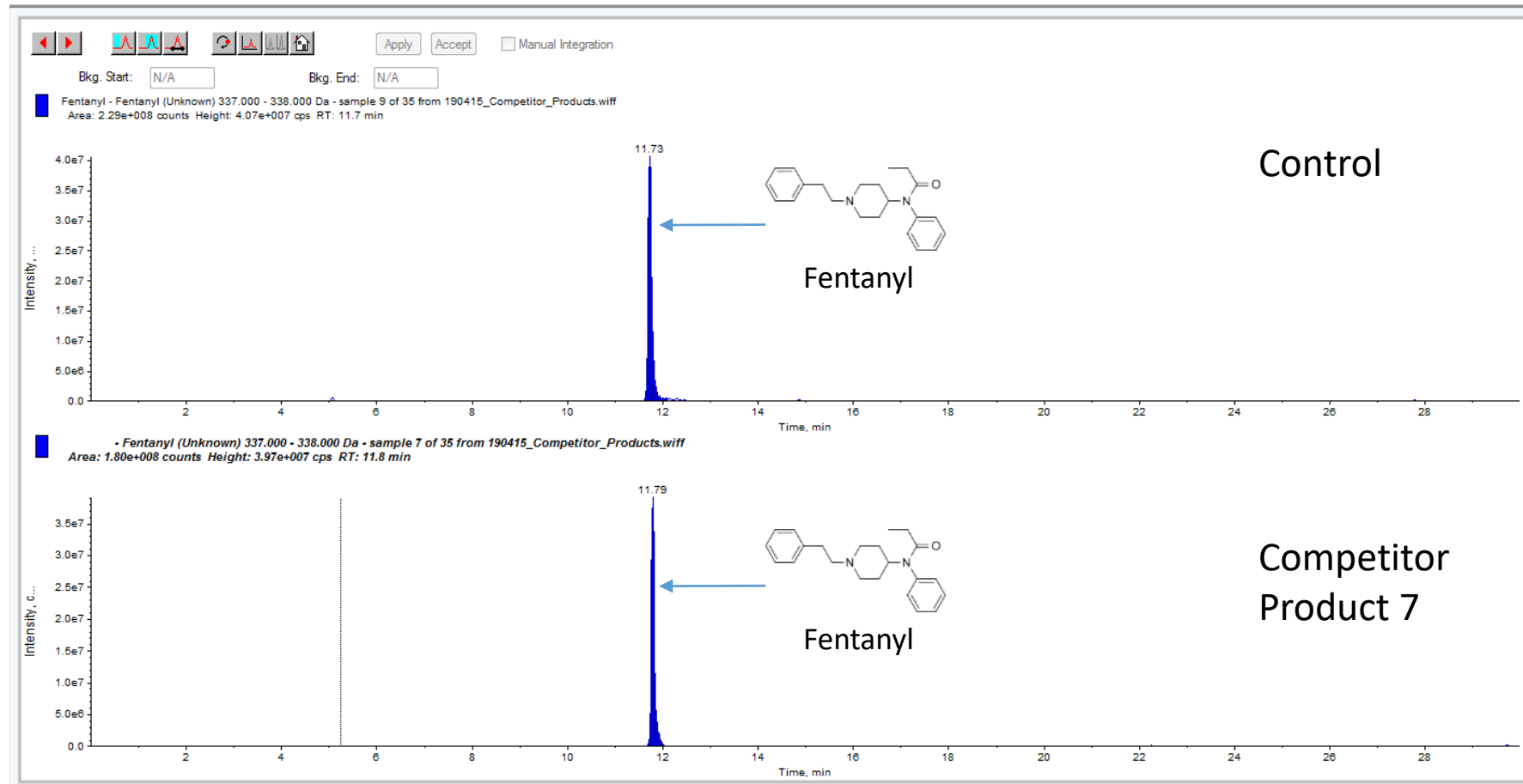
Competitor Product 6: Ketamine



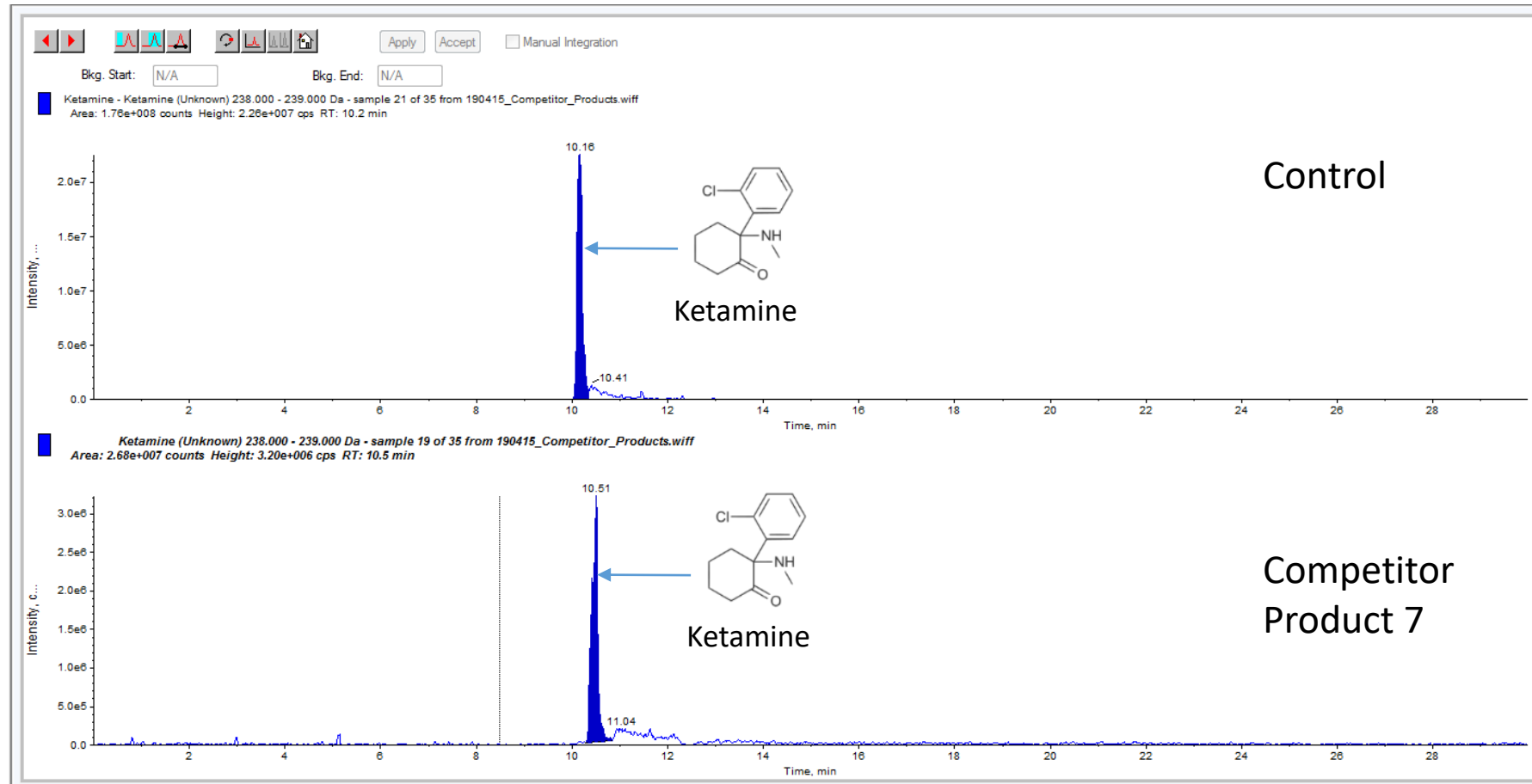
Competitor Product 6: Morphine



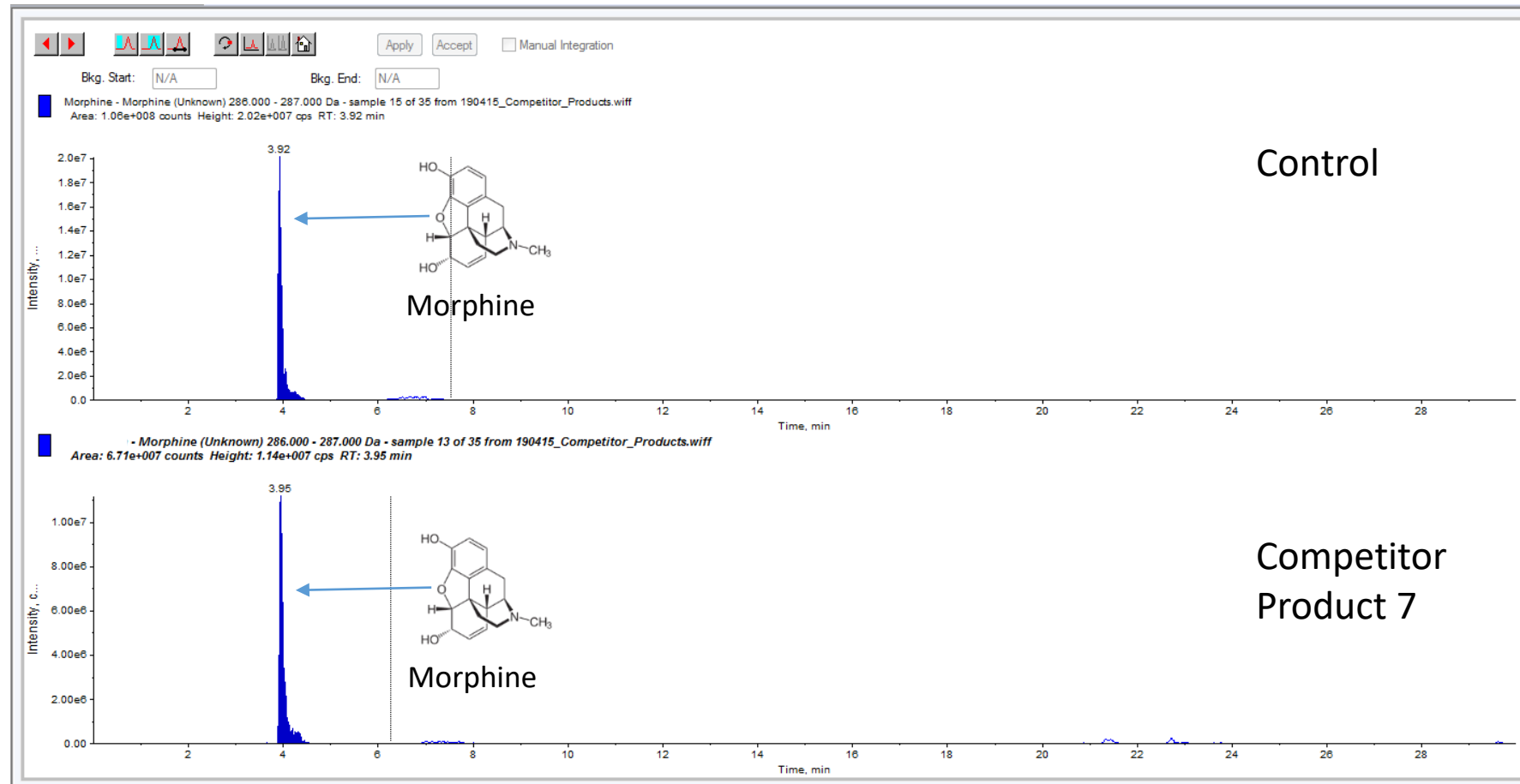
Competitor Product 7: Fentanyl



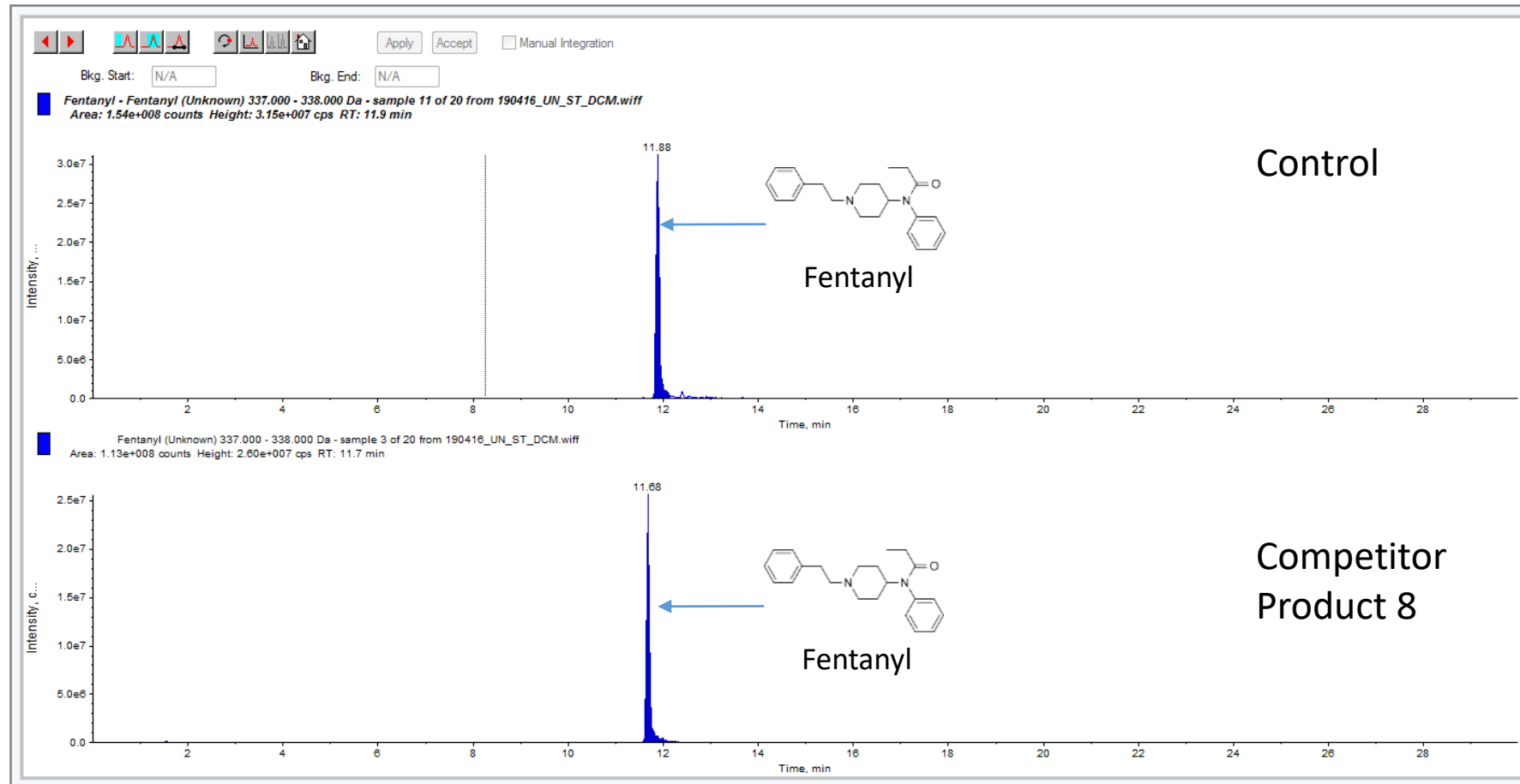
Competitor Product 7: Ketamine



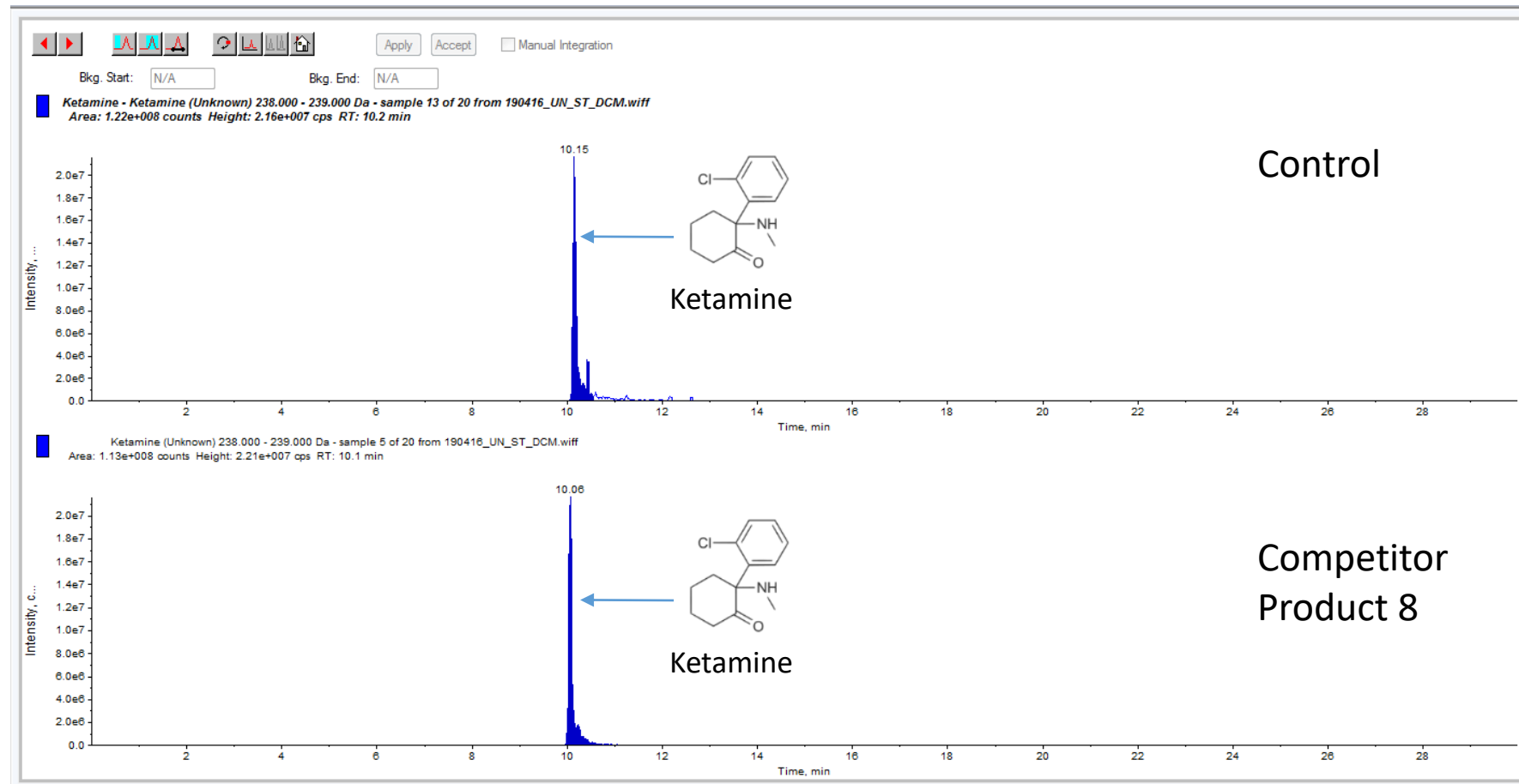
Competitor Product 7: Morphine



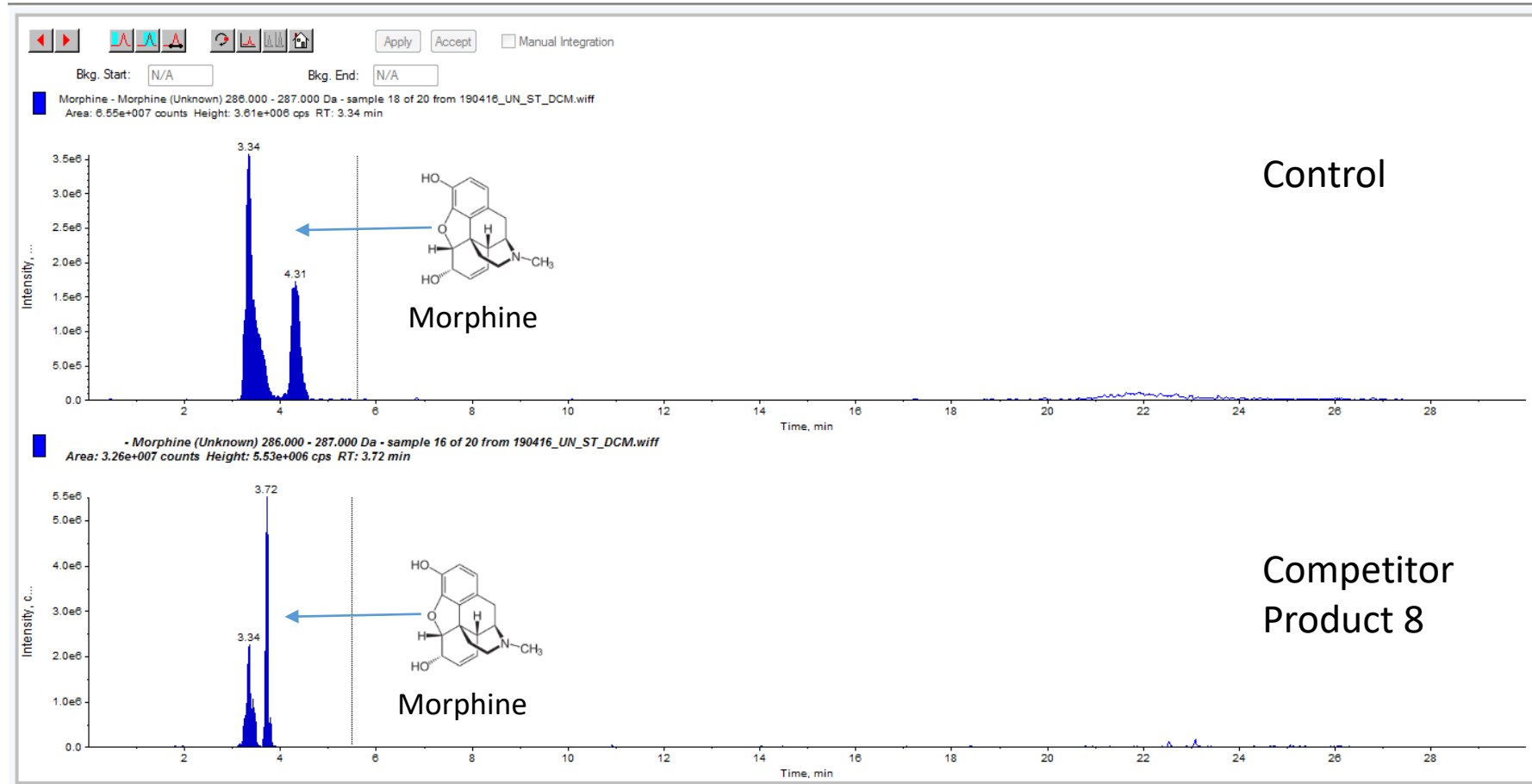
Competitor Product 8: Fentanyl



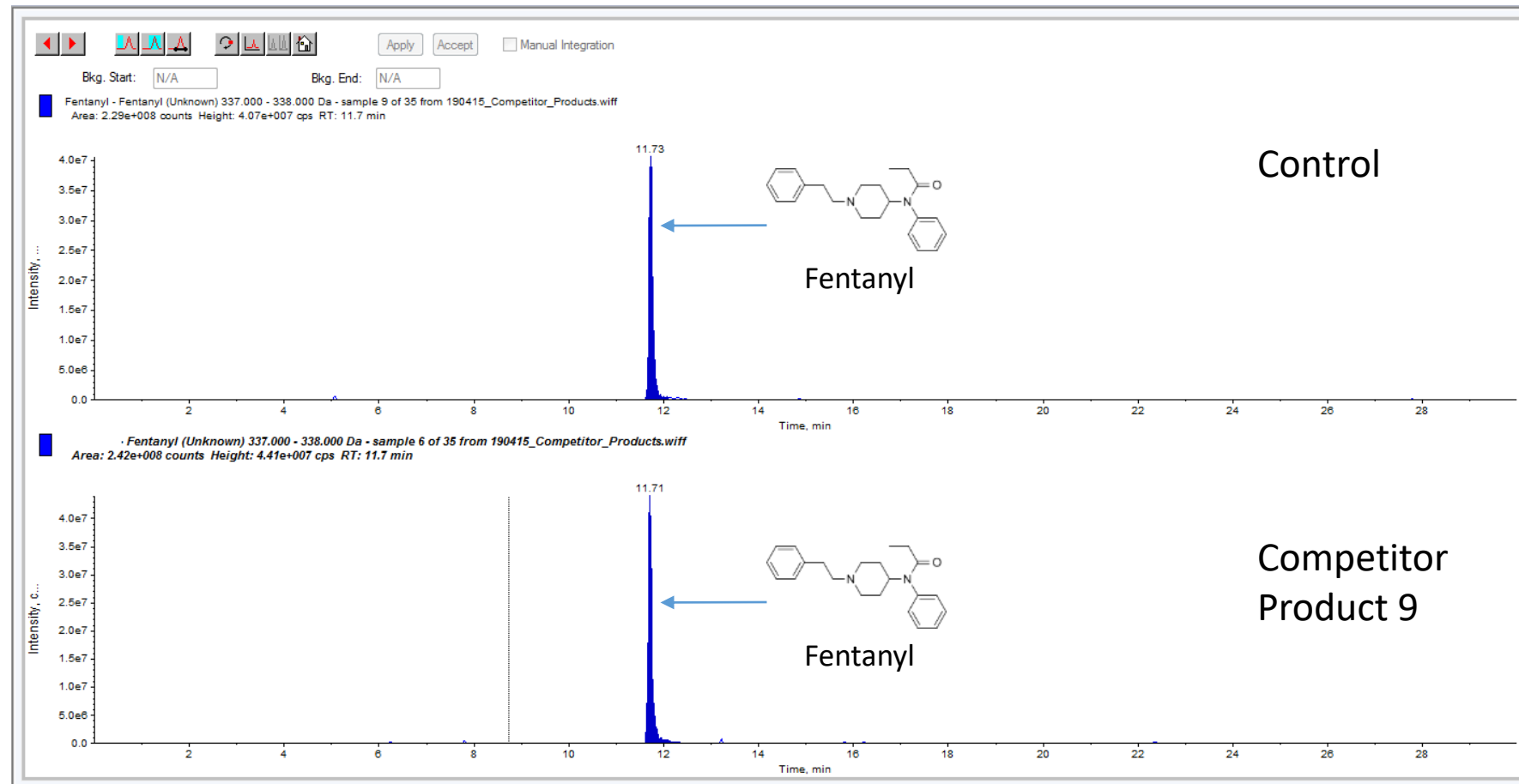
Competitor Product 8: Ketamine



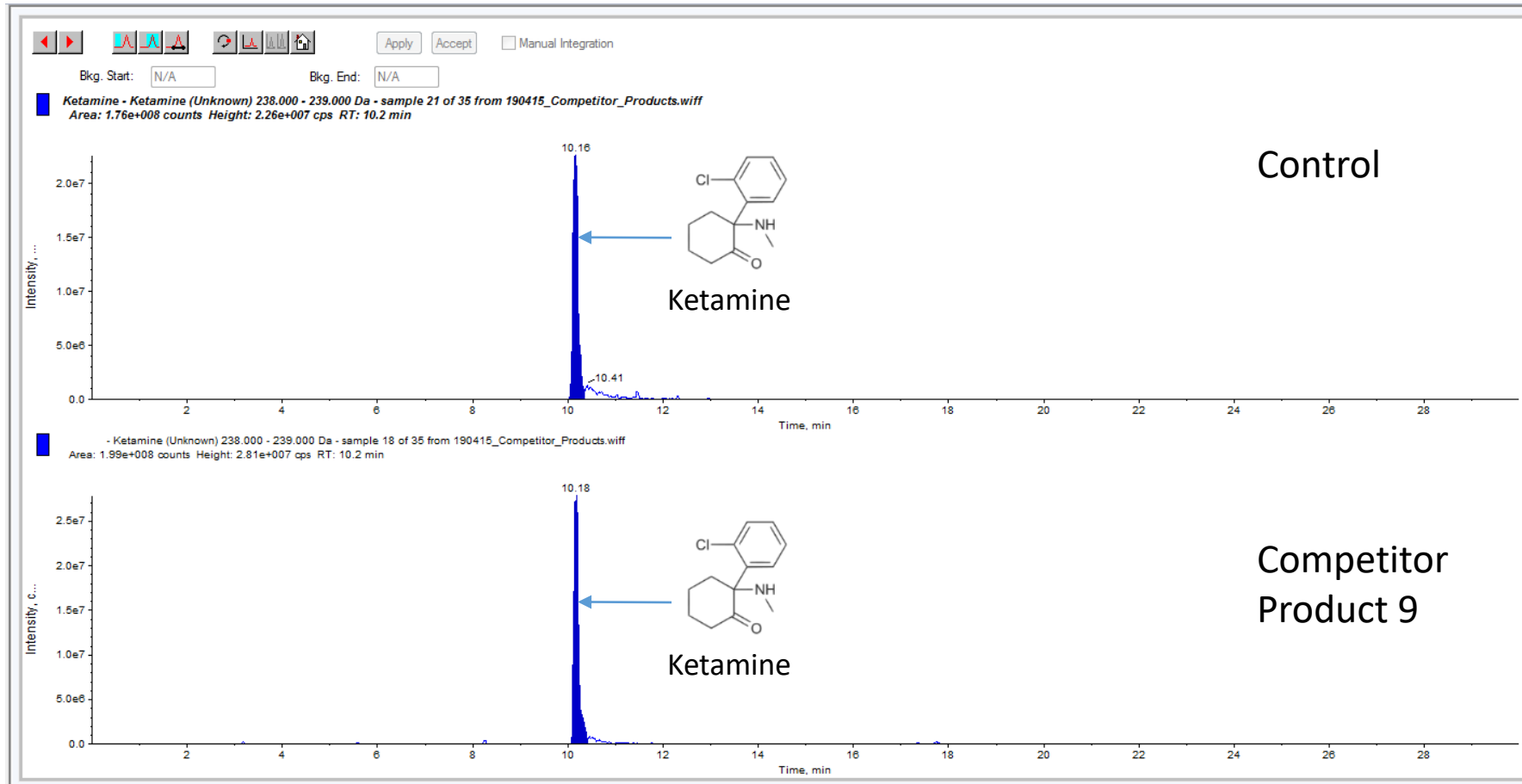
Competitor Product 8: Morphine



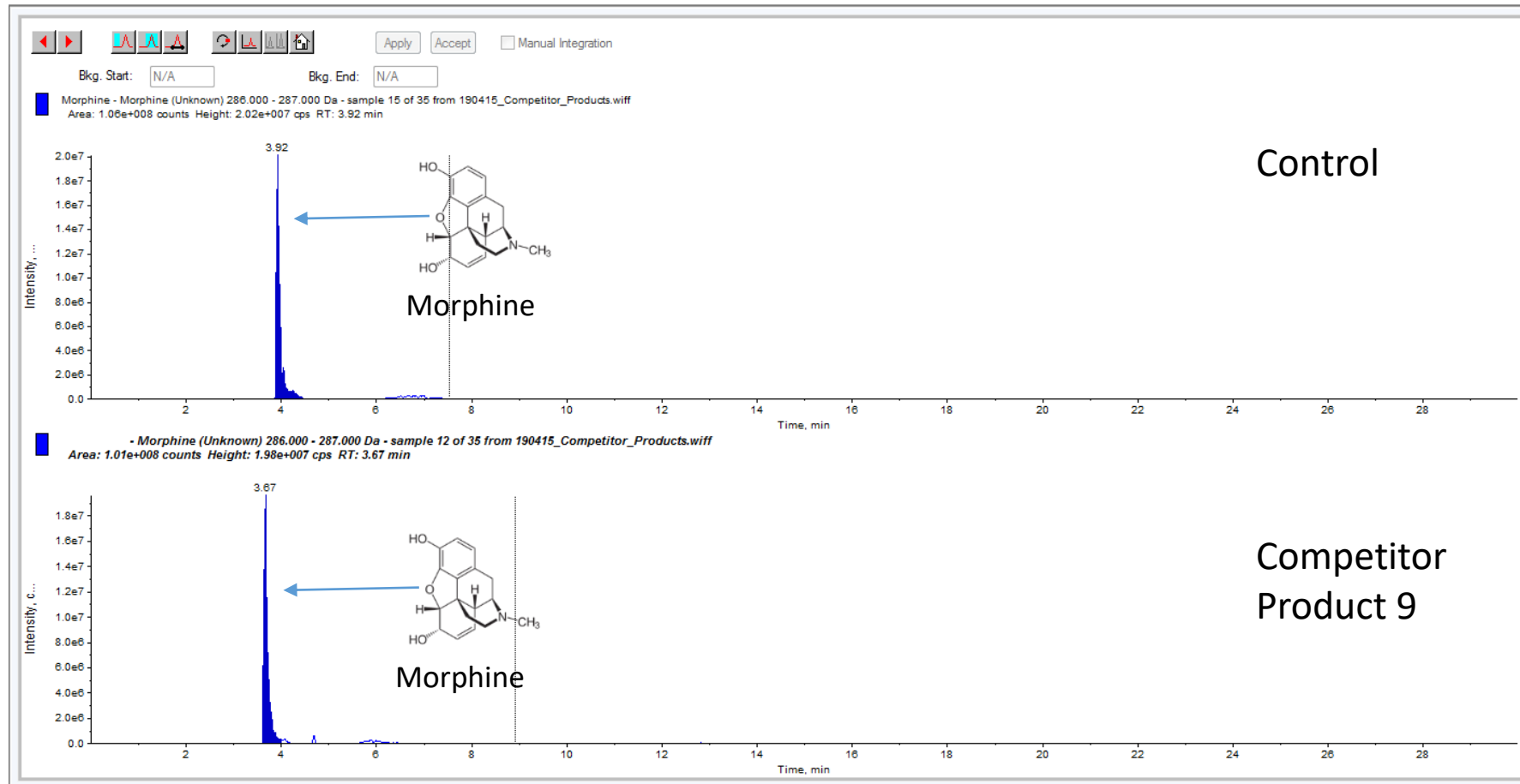
Competitor Product 9: Fentanyl



Competitor Product 9: Ketamine



Competitor Product 9: Morphine



Results Summary

Product	Drug					
	Diazepam	Ephedrine	Fentanyl	Hydromorphone	Ketamine	Morphine
SafeMedWaste	✓	✓	✓	✓	✓	✓
Competitor #1	✗	✗	✗	✗	✗	✗
Competitor #2	⊘	⊘	✗	⊘	✗	✗
Competitor #3	⊘	⊘	✗	⊘	✗	✗
Competitor #4	⊘	⊘	✗	⊘	✗	✗
Competitor #5	⊘	⊘	✗	⊘	✗	✗
Competitor #6	⊘	⊘	✗	⊘	✗	✗
Competitor #7	⊘	⊘	✗	⊘	✗	✗
Competitor #8	⊘	⊘	✗	⊘	✗	✗
Competitor #9	⊘	⊘	✗	⊘	✗	✗

Key



Destroyed



Not Destroyed



Not Tested