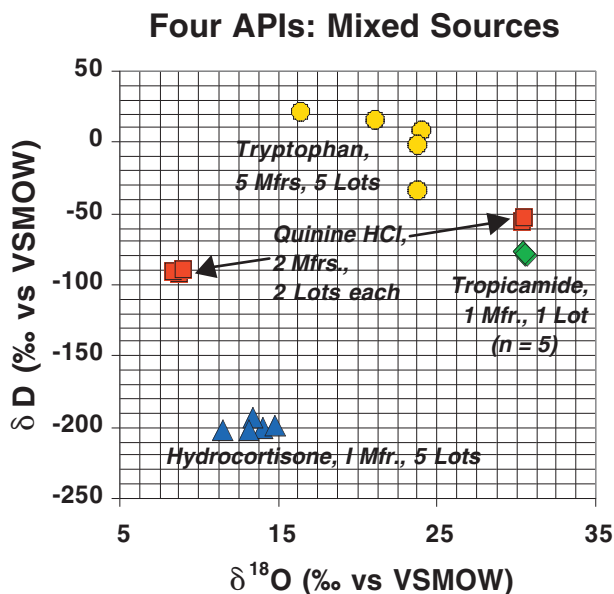
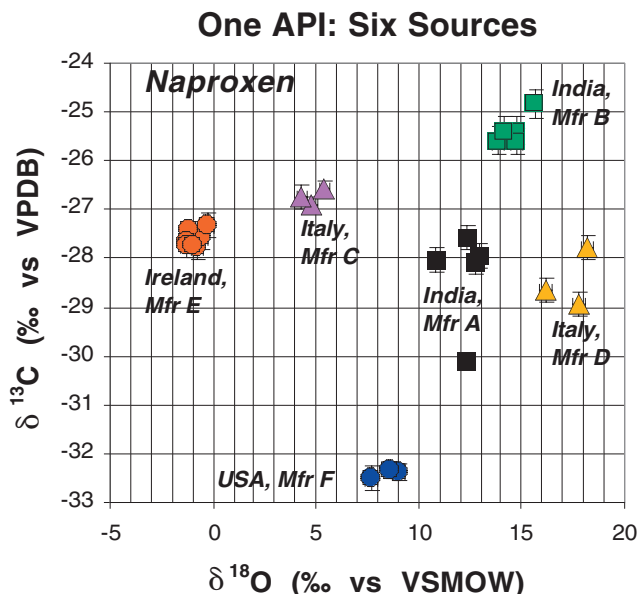


# We can differentiate sources of drugs by their natural “fingerprints.”



Individual batches and manufacturers of Active Pharmaceutical Ingredients (APIs) are easily distinguished using our MSIA technology. (Jasper *et al.*, *J. Pharm. Biomed. Anal.*, 2004, 35(1):21-30).



Individual manufacturers of a single API are also distinguished by our MSIA technology. (FDA Anticounterfeiting Mtg., Oct. 15, 2003)

## Isotopic Analysis of Batch Products: A Clear Difference

All chemical compounds have distinctive ratios of natural stable isotopes, thus every batch of pharmaceutical materials has its own highly-specific isotopic fingerprint.

Multiple Stable Isotopic Analysis (MSIA) can therefore be used to identify, track and classify batches, and thus to mitigate counterfeiting, diversion, theft, patent infringement and liability issues.

With this highly-specific stable isotope approach, Molecular Isotope Technologies provides a novel technology for pharmaceutical and regulatory clients to protect their products.



**Molecular Isotope Technologies, LLC**  
[www.MolecularIsotopes.com](http://www.MolecularIsotopes.com)  
860-739-1926 (T) 860-739-3250 (F)