




TruNarc



The world leader in serving science

The World has Changed; So has Law Enforcement

- TODAY HUNDREDS OF DANGEROUS NEW DRUGS ARE SOLD ON OUR STREETS IN THE U.S. AND THE WORLD.
 - MANY OF THOSE SAME DRUGS LOOK THE SAME
 - DRUGS TODAY CAN BE IN POWDER FORM, LIQUID, SOLIDS OR TABLET/CAPSULES
 - TODAY'S LAW ENFORCEMENT CHALLENGE- HOW DO WE ACCURATELY AND SAFELY IDENTIFY THESE DRUGS
-

Drug Identification & Definitions:

- There are two main types of **tests** used to determine whether an illegal **drug** is present.
 - **Presumptive tests** indicate that an illegal substance may be present.
 - Confirmatory **tests** provide a positive identification of the substance in question.
 - The Scientific Working Group for the Analysis of Seized Drugs (SWGDRUG)
 - SWGDRUG List Analytical Techniques: Levels A thru D
 - RAMAN technology is **LEVEL A** (BOTH PRESUMPTIVE AND CONFIRMATORY TEST TECHNIQUE)
 - COLOR TESTING KITS ARE **LEVEL C** (PRESUMPTIVE TEST TECHNIQUE)
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Fentanyl in the News

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Synthetic drug fentanyl causes overdose boom in Estonia

By Sam Wilson
BBC News, Estonia

© 30 March 2012 | Europe

Everyone knows someone who has died. In the circles of Estonian friends who use "china white", death is a constant possibility.



USA TODAY A GANNETT COMPANY

NEWS SPORTS LIFE MONEY TECH TRAVEL OPINION 82° CROSSWORDS YOUR TAKE

DEA: Deaths from fentanyl-laced heroin surging

Donna Leinwand Leger, USA TODAY 4:45 p.m. EDT March 18, 2015

HUFFPOST HEALTHY LIVING

Opioid Fentanyl Blamed For Spike In U.S. Drug Overdoses

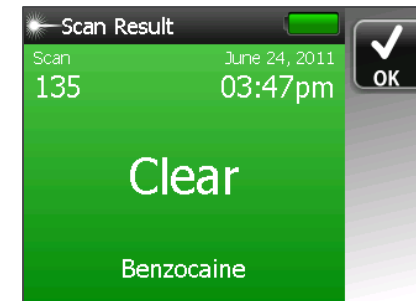
Reuters
Posted: 03/18/2015 1:56 pm EDT | Updated: 05/18/2015 5:59 am EDT

DEA Issues Nationwide Alert on Fentanyl as Threat to Health and Public Safety

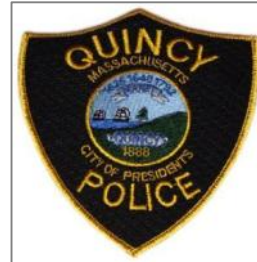
MAR 18 (WASHINGTON) - The United States Drug Enforcement Administration (DEA) today issued a nationwide alert about the dangers of fentanyl and fentanyl analogues/compounds. Fentanyl is commonly laced in heroin, causing significant problems across the country, particularly as heroin abuse has increased. This alert was issued through the multi-agency El Paso Intelligence Center (EPIC) to all U.S. law enforcement.

Thermo Scientific TruNarc

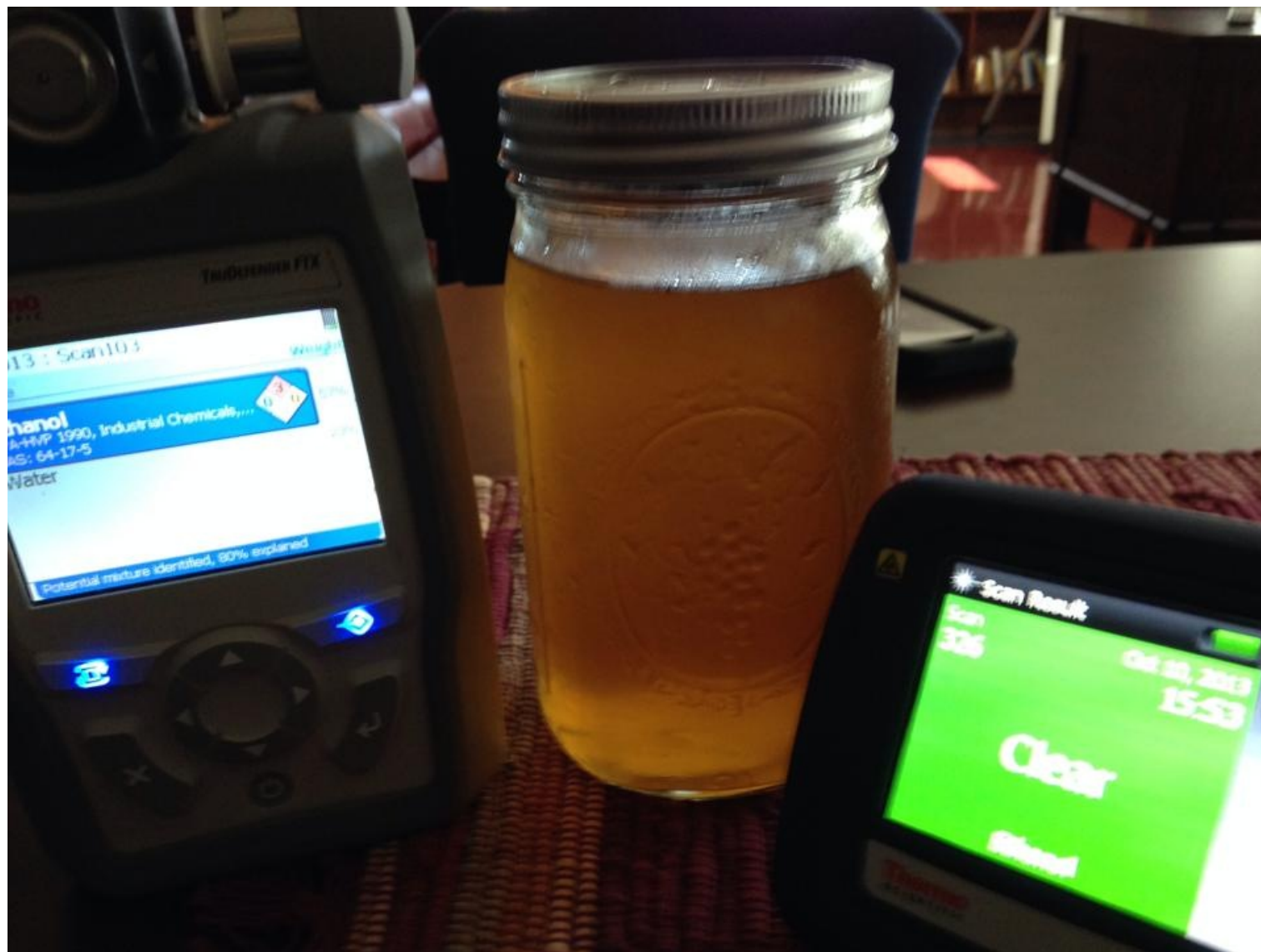
- TruNarc™ is a handheld instrument for field identification of narcotics and other controlled substances
- Provides officers with clear, definitive results for presumptive identification that require no user interpretation and lead to faster prosecution



Dec 4, 2012 – Meth Lab/Drug Bust, Quincy, MA



Bar Association Meeting Northeast Alabama



Simple Operation

- Intuitive, easy-to-use interface
- Sample is held against nose cone to be analyzed
- Non-destructive
- Non-contact



What Materials Can You Scan with Raman?



**Tablets,
capsules**



Pills



Plastic bags



**Jars, bottles,
syringes, crack pipes**



Powders, crystals



Bricks

TruNarc In Use



TruNarc Benefits



Officer Safety



Rapid and reliable ID with a continually updated library



Reduces backlog at crime labs while decreasing costs.



Quicker adjudication and access to treatment for offenders.

Kirk Lane
Arkansas Drug Director
kirk.lane@asp.Arkansas.gov
501-317-9042
