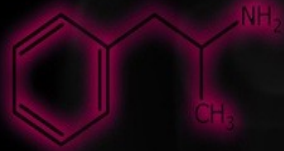
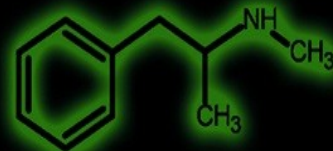


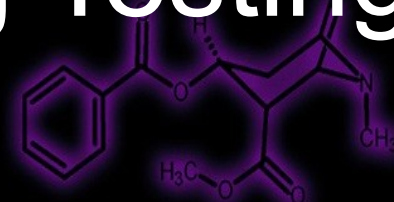
The Anatomy of Drug Testing



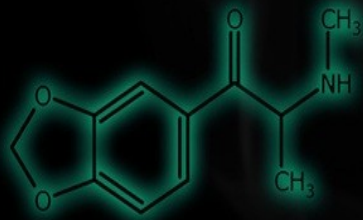
Amphetamine



Methamphetamine



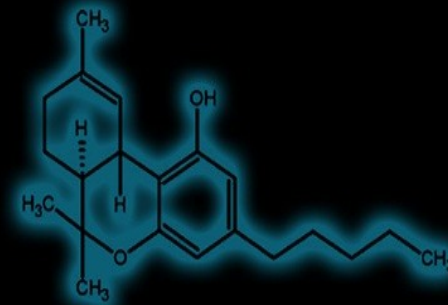
Cocaine (C₁₇H₂₁NO₄)



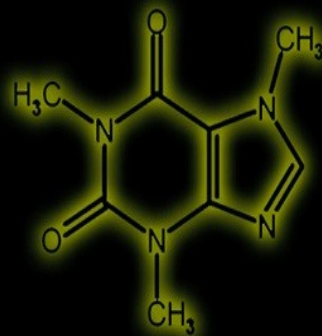
Ecstasy (MDMA)



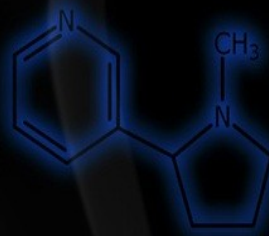
PCP (Phencyclidine)



THC (Tetrahydrocannabinol)



Caffeine



Nicotine



Alcohol (Ethanol)

Legal Stuffs

- Scheduling
The purpose
- Schedule I
No medical use/Highly addictive
- Schedule II
Some medical application/Highly addictive
- Schedules III / IV

Legal Stuffs (cont.)

- The DOT
 - COC
 - Securing the location

- BAT
 - COC
 - Police vs. Hospitals/Collection sites

Methodologies

- EIA and ELISA
- Spectrophotometry
- Chemiluminescence
- GC/MS (Gas Chromatography/
Mass Spectrophotometry)
- Breathalyzer

Sample types

- Hair
- Urine
- Blood
- Stool
 - Meconium
- Breath
- Body tissues/fluids

Commonly Tested Drugs (legal)

- Amphetamines
- TCAs (anti-depressants)
- Oxycodone
- Barbituates
- Benzodiazapines
- Salicilate
- Acetamaphine

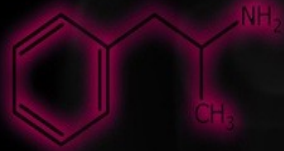
Commonly Tested Drugs (illicit)

- Cocaine
- Methamphetamines
 - MDMA (ecstasy)
- Opiates
- PCP
- THC

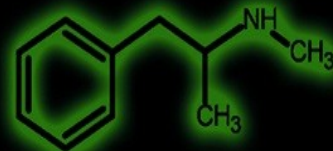
Uncommonly Tested Drugs

- LSD
- Psilocybin (Mushrooms)
- DMT
- Mescaline
- Peyote
- Nitrous Oxide

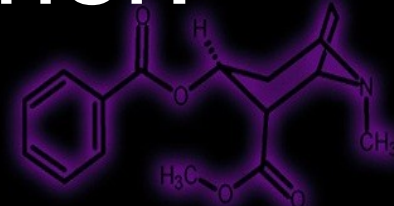
Putting it all together!



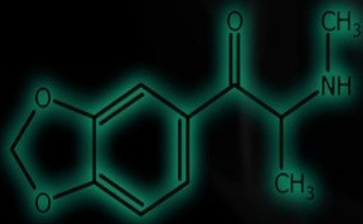
Amphetamine



Methamphetamine



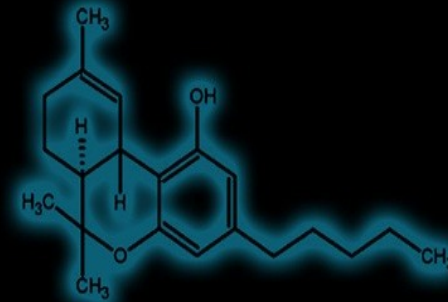
Cocaine (C₁₇H₂₁NO₄)



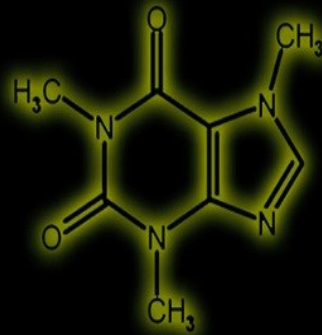
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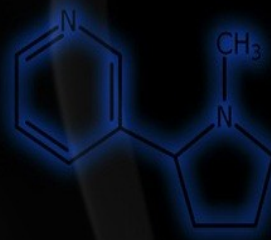
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Alcohol (Ethanol)