

## 法医毒物筛查分析

### X500R QTOF系统提升您的法医检测

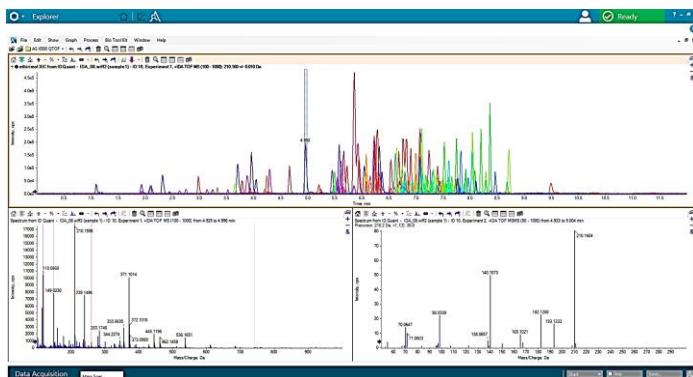
使用HPLC-X500R QTOF高效液相色谱质谱联用系统，借助强大的SCIEX OS软件及高分辨二级谱库，建立尿液中法医毒物的筛查方法。

#### 样品处理

- 第一步
- 将尿液稀释5倍，稀释液配比：90%流动相A（含5 mM甲酸铵水）:10%流动相B（含0.05%甲酸甲醇）



SCIEX OS 可以快速建立方法

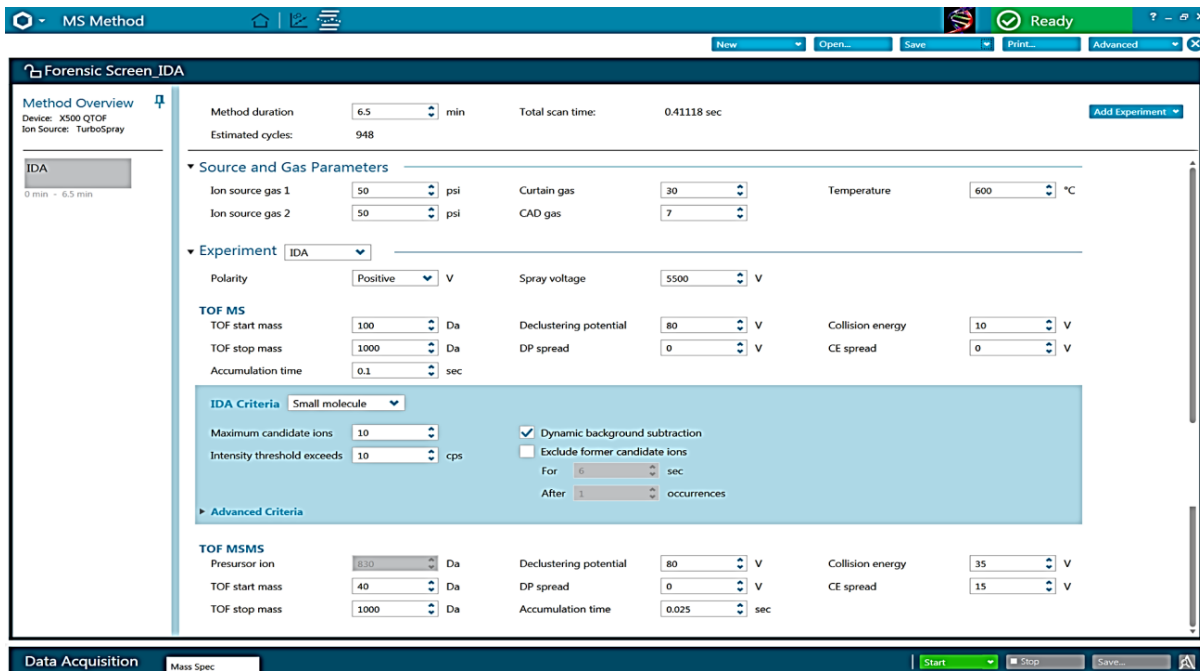


SCIEX OS可以方便浏览TOF MS及TOF MS/MS数据

#### 液相方法

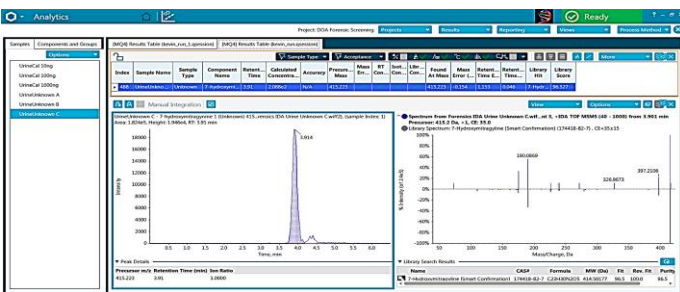
色谱柱	Phenomenex Kinetex 2.6μ Phenyl Hexyl 50 x 2.1mm column	
流动相 A	水 (含5mM甲酸铵)	
流动相 B	甲醇 (含0.05%甲酸)	
流速	0.5 mL/min	
柱温	40°C	
进样量	10 uL	
梯度程序	<b>Time (min)</b>	<b>% B</b>
	0.01	5
	2.20	40
	4.50	98
	5.50	98
	5.60	5
	6.50	5

# 质谱方法



常规法医毒物筛查SCIEX OS软件 IDA (数据依赖性扫描) 推荐设置

# 数据处理



使用强大的SCIEX OS同时浏览定量结果与二级谱库匹配情况

# X500R 高分辨数据库

Compound	CAS Number	Formula	Monoisotopic Weight
2,2-Dimethylpropane	8000-00-4	C5H12	72.094
2,2-Dimethylbutane	8000-00-4	C6H14	86.120
2,2,3,3-Tetrafluorobutane	355-85-0	C4F8	168.032
2,2,4,4-Tetrafluorobutane	355-85-0	C4F8	168.032
2,2,6,6-Tetrafluorobutane	355-85-0	C4F8	168.032
2,2,3,4-Tetrafluorobutane	355-85-0	C4F8	168.032
2,2,3,4,4-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,4,5-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,4,6-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,5,4-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,5,6-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,4-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,5-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,6-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,7-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,8-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,9-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,10-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,11-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,12-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,13-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,14-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,15-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,16-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,17-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,18-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,19-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,20-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,21-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,22-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,23-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,24-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,25-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,26-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,27-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,28-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,29-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,30-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,31-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,32-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,33-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,34-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,35-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,36-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,37-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,38-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,39-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,40-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,41-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,42-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,43-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,44-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,45-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,46-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,47-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,48-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,49-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,50-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,51-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,52-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,53-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,54-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,55-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,56-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,57-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,58-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,59-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,60-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,61-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,62-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,63-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,64-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,65-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,66-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,67-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,68-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,69-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,70-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,71-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,72-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,73-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,74-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,75-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,76-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,77-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,78-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,79-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,80-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,81-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,82-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,83-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,84-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,85-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,86-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,87-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,88-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,89-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,90-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,91-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,92-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,93-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,94-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,95-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,96-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,97-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,98-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,99-Pentafluorobutane	355-85-0	C4F9	182.058
2,2,3,6,100-Pentafluorobutane	355-85-0	C4F9	182.058

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