Environmental Method

PPCP analysis in water

Elevate your environmental testing with the X500R QTOF System

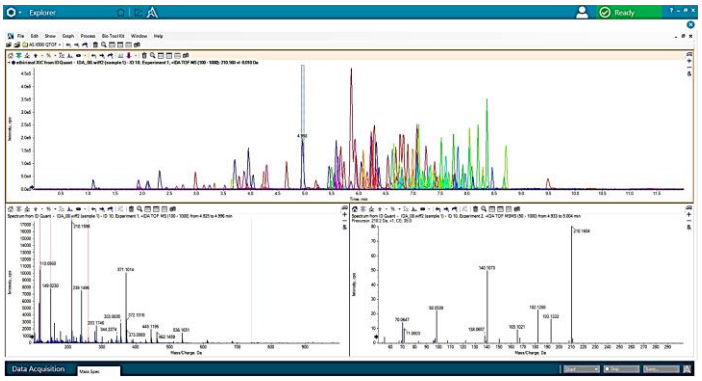
Method details and access to HR-MS/MS libraries to detect, quantify, and confirm pharmaceuticals and personal care products in water samples using HPLC coupled with the X500R QTOF system, powered by SCIEX OS Software.

Sample Prep

Step 1

- Direct aqueous injection

SCIEX OS can deliver faster method set-up

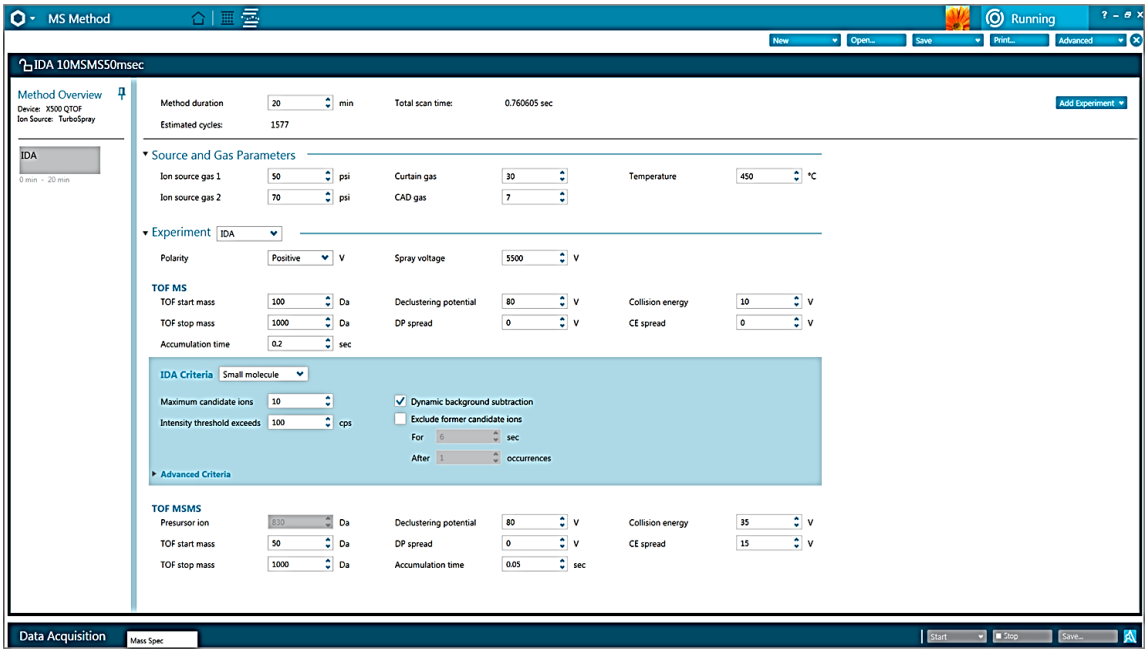


SCIEX OS delivers enhanced data exploration of your acquired TOF MS and TOF MS/MS data

LC Method

Column	Phenomenex Kinetex Biphenyl, 100 x 2.1 mm, 2.6 µm column	
Mobile Phase A	*0.1% formic acid in water*	
Mobile Phase B	*0.1% formic acid in methanol*	
Flow rate	*0.6 mL/min*	
Column temperature	*30 ℃*	
Injection volume	*100 uL*	
Gradient profile	**Time (min)**	**% B**
	0	*2*
	1	*2*
	7	*65*
	7.1	*100*
	9	*100*
	9.1	*2*
	12	*2*

MS Method

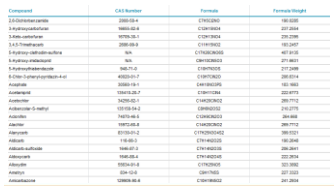


Suggested IDA (Information Dependent Acquisition) conditions for routine environmental testing as displayed in SCIEX OS.

Data Processing

Review your results with utmost efficiency using SCIEX OS for simultaneous quantitation and MS/MS library confirmation.

X500R High Resolution Libraries



Download the XIC List

Download a free XIC compound list detailing a full list of PPCP compounds including molecular formula and accurate mass.

Download a FREE Trial of the MS/MS Library

Download a free trial of our All in One high resolution MS/MS library, containing 2135 compounds.

Learn more at sciex.com/X-All in One.

Document number: RUO-MKT-07-2864-A

Headquarters
500 Old Connecticut Path | Framingham, MA 01701 USA
Phone 508-383-7700
sciex.com

International Sales
For our office locations please call the division headquarters or refer to our website at
sciex.com/offices