

Intrada Amino Acid

150 x 3 mm

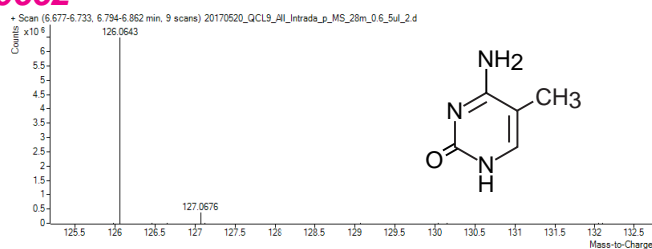
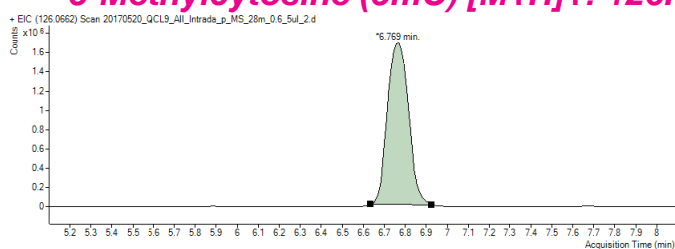
Application

LC-TOFMS: Cytosine compounds

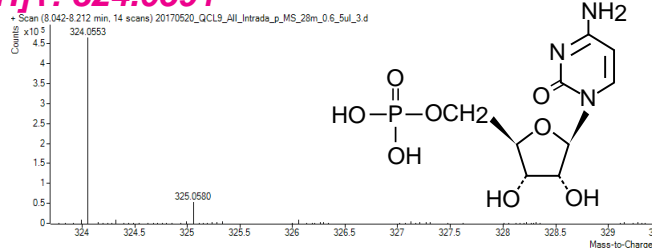
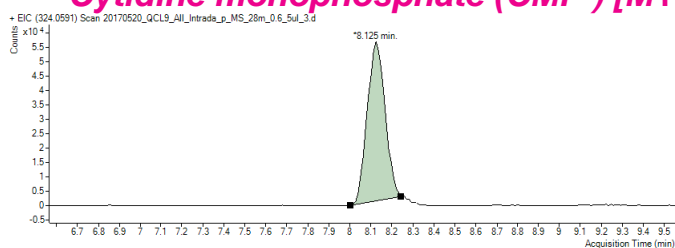
シトシン類のLC-TOFMS分析

Metabolomics Core Facility, McGill University
GB 2017/06/16

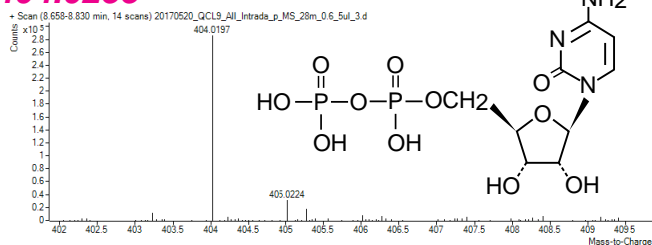
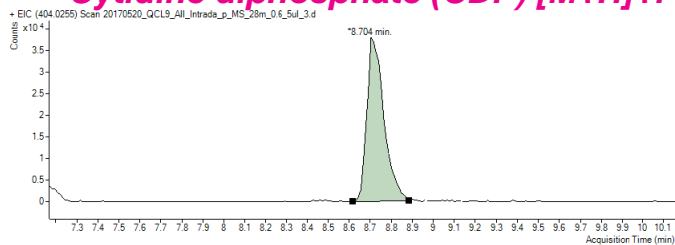
5-Methylcytosine (5mC) [M+H]⁺: 126.0662



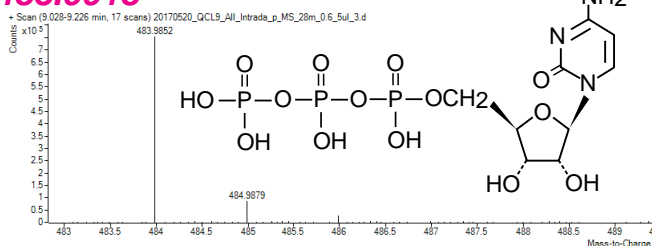
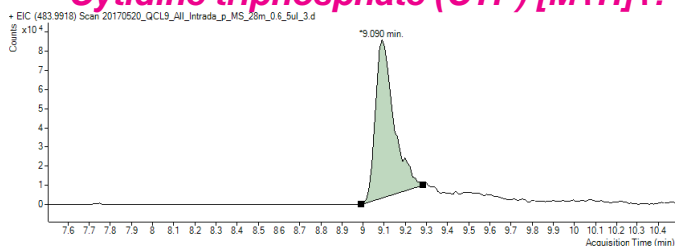
Cytidine monophosphate (CMP) [M+H]⁺: 324.0591



Cytidine diphosphate (CDP) [M+H]⁺: 404.0255



Cytidine triphosphate (CTP) [M+H]⁺: 483.9918



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A) ACN /HCOOH = 100 / 0.3, B) 100mM HCOONH₄ in 20% ACN / 80% water
0-27%B (0-3min), 27-100%B (3-19.5min), 100%B (19.5-25min), 0%B (25-32min)
0.6 mL/min, 10°C, 5μL (ca. 1mM in water)

Agilent 1290 Infinity UHPLC - 6540 UHD Accurate-Mass Q-TOF mass spectrometer (ESI+)

Courtesy of Dr.Gaëlle Bridon and Dr.Daina Avizonis, McGill University, CANADA