

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

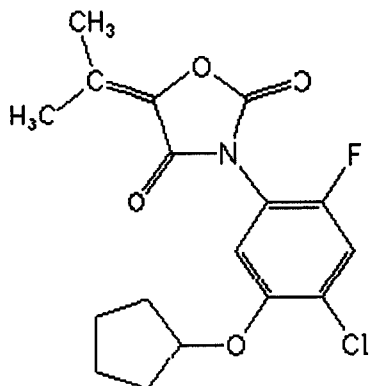
Analyte: Pentoxazone

CAS No.: 110956-75-7

Formula: C₁₇H₁₇ClFNO₄

Molecular mass (lowest isotopes): 353,08 amu

Structure:



Ionisation: ESI +

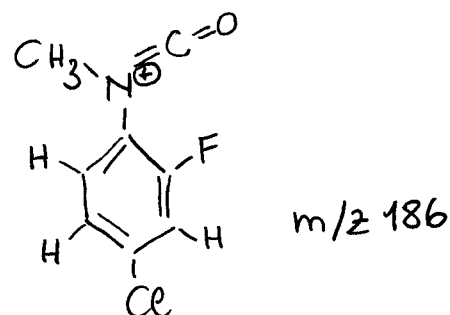
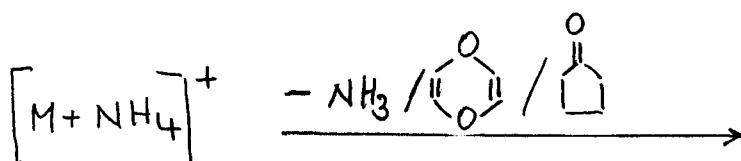
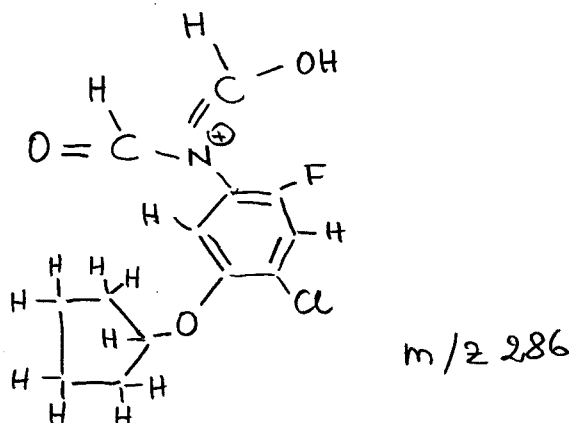
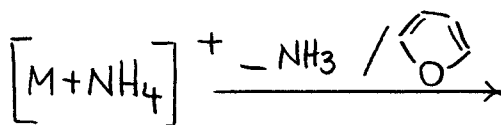
Quasimolecular ion: 371,1 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

Transition	371,1 → 286,0	371,1 → 186,2
Declustering potential (DP)*)	6 V	6 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	8,5 V	10,5 V
Collision cell entrance potential (CEP)	26 V	30 V
Collision energy (CE)	21 V	39 V
Collision cell exit potential (CXP)	16 V	10 V

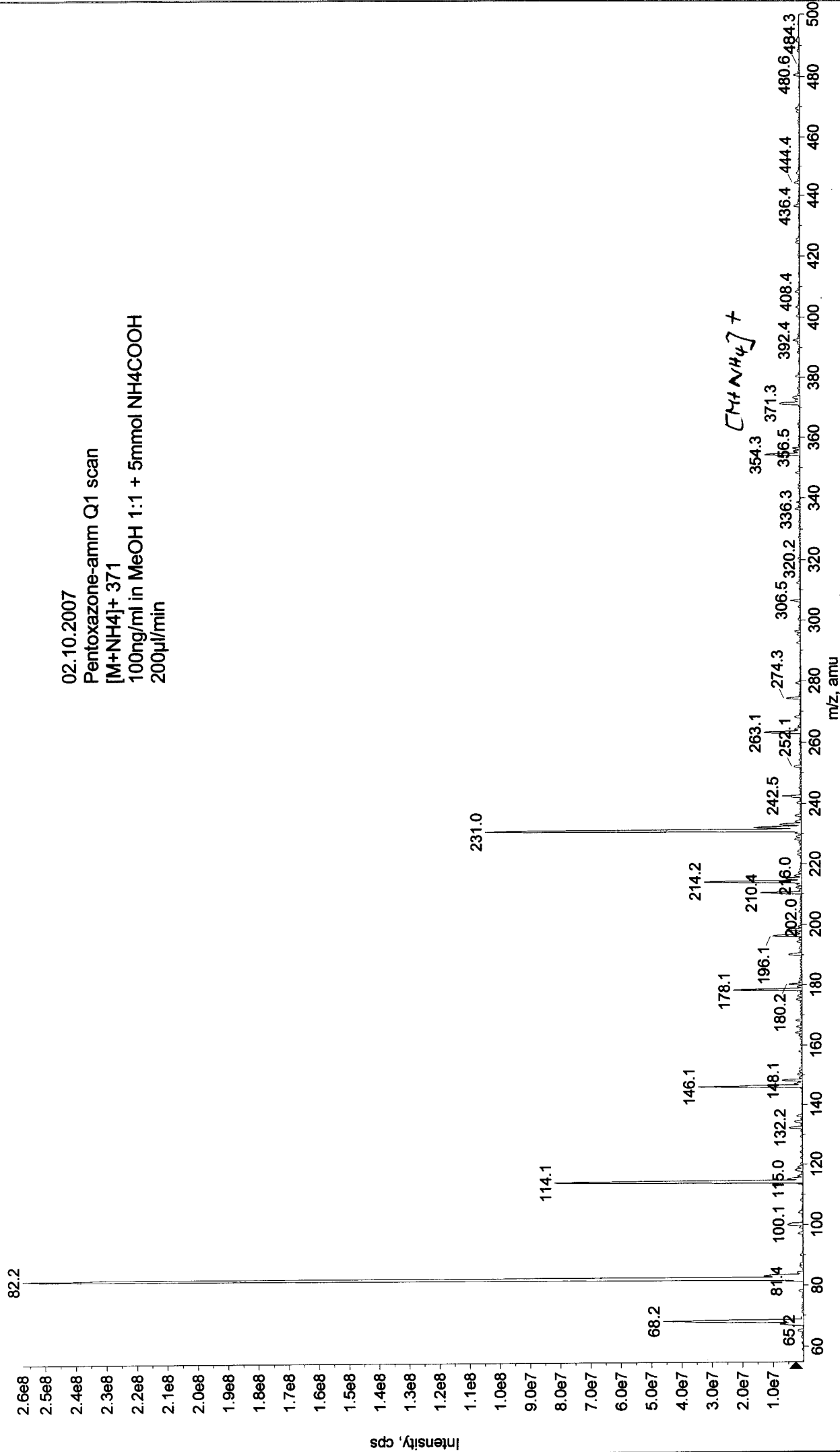
*) For API 3000 and 4000 enhance DP by 20V

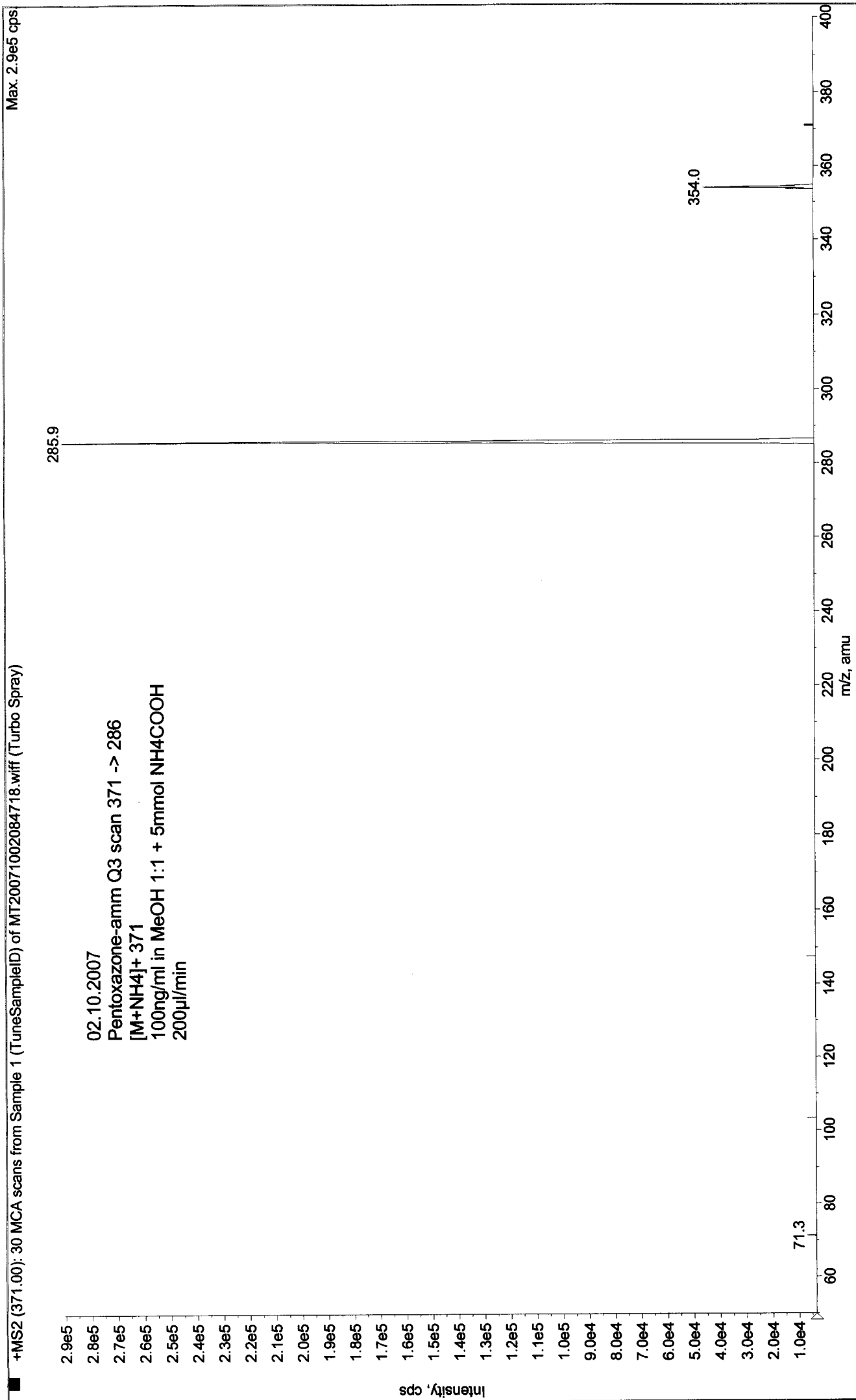
Fragmentation

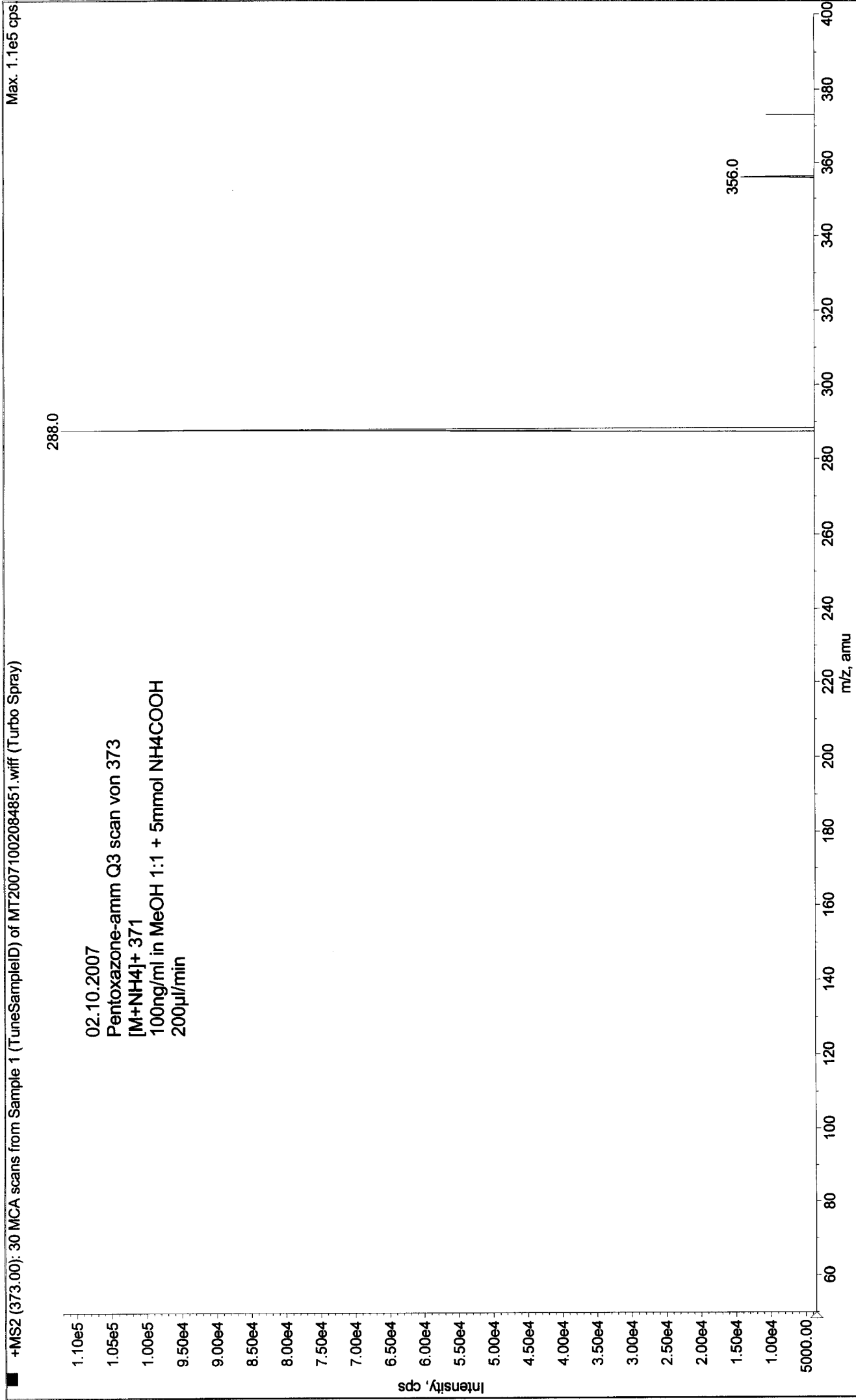


+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071002084300.wiff (Turbo Spray)

Max. 2.6e8 cps







+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071002085408.wiff (Turbo Spray)

Max. 2.2e8 cps

