

MS/MS Parameters of Pesticides

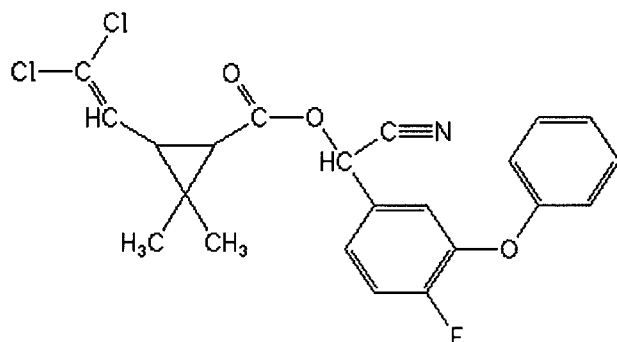
Analyte: Cyfluthrin

CAS No.: 68359-37-5

Formula: C₂₂H₁₈Cl₂FNO₃

Exact molecular mass (lowest isotopes): 433,07 amu

Structure:



Ionisation: ESI +

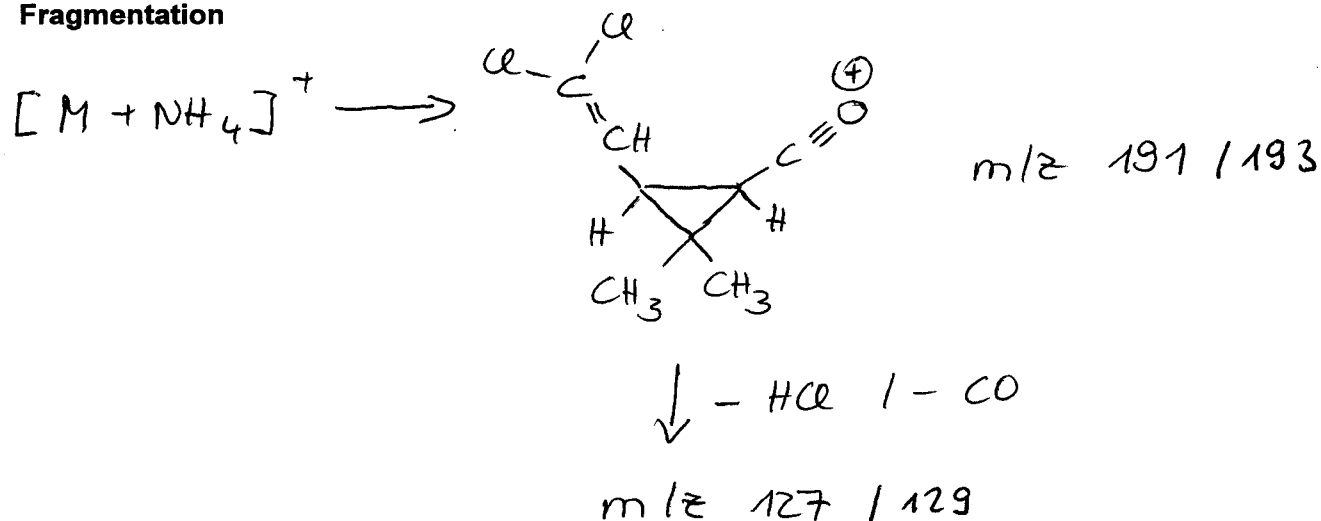
Quasimolecular ion: 451,1 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

Transition	451,1 → 191,0	451,1 → 127,0
Declustering potential (DP) ^{*)}	19V	19 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	7,5 V	8,0 V
Collision cell entrance potential (CEP)	22 V	22 V
Collision energy (CE)	21 V	41 V
Collision cell exit potential (CXP)	10 V	6 V

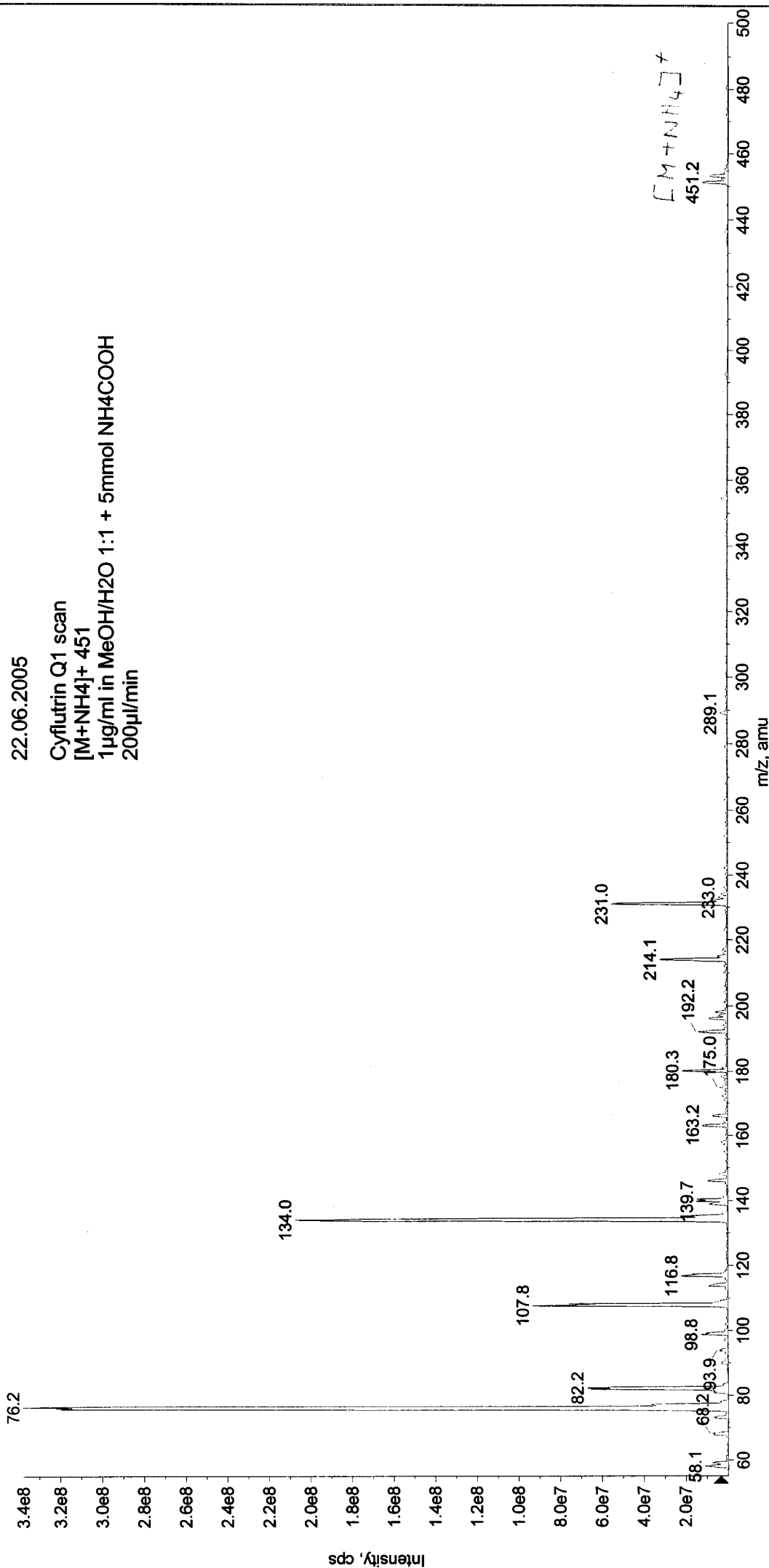
^{*)} For API 3000 and 4000 enhance DP by 20V

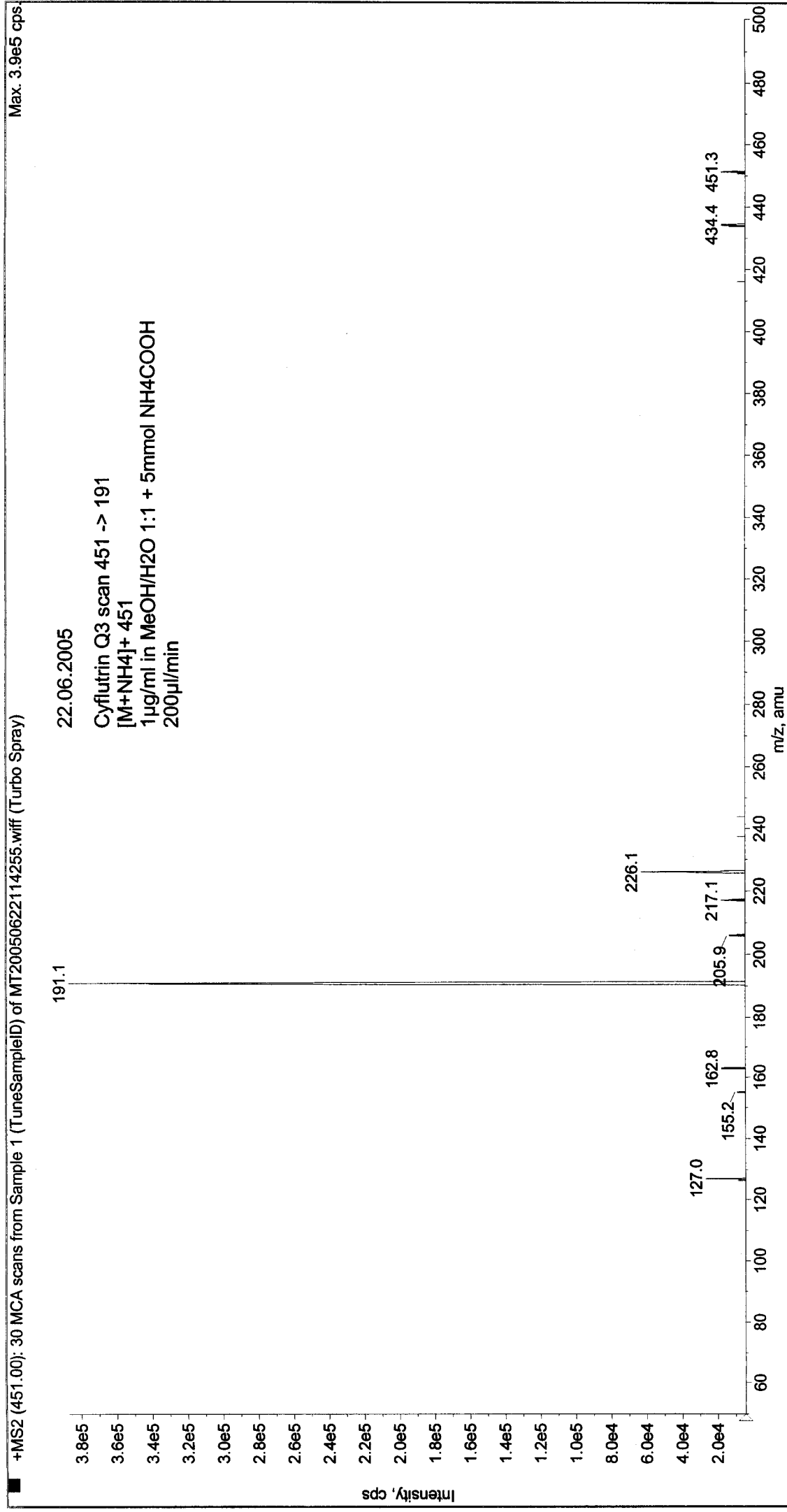
Fragmentation

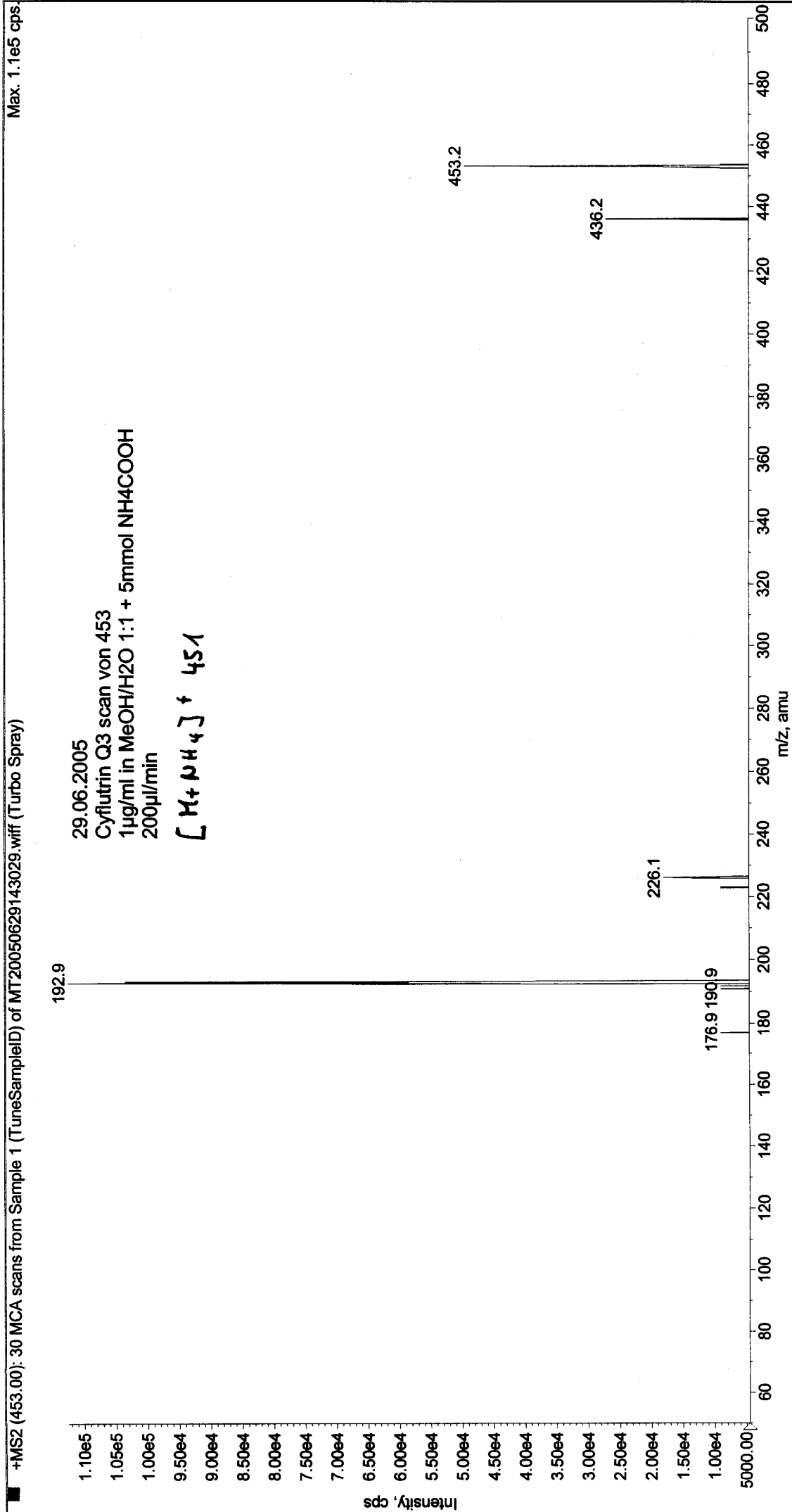


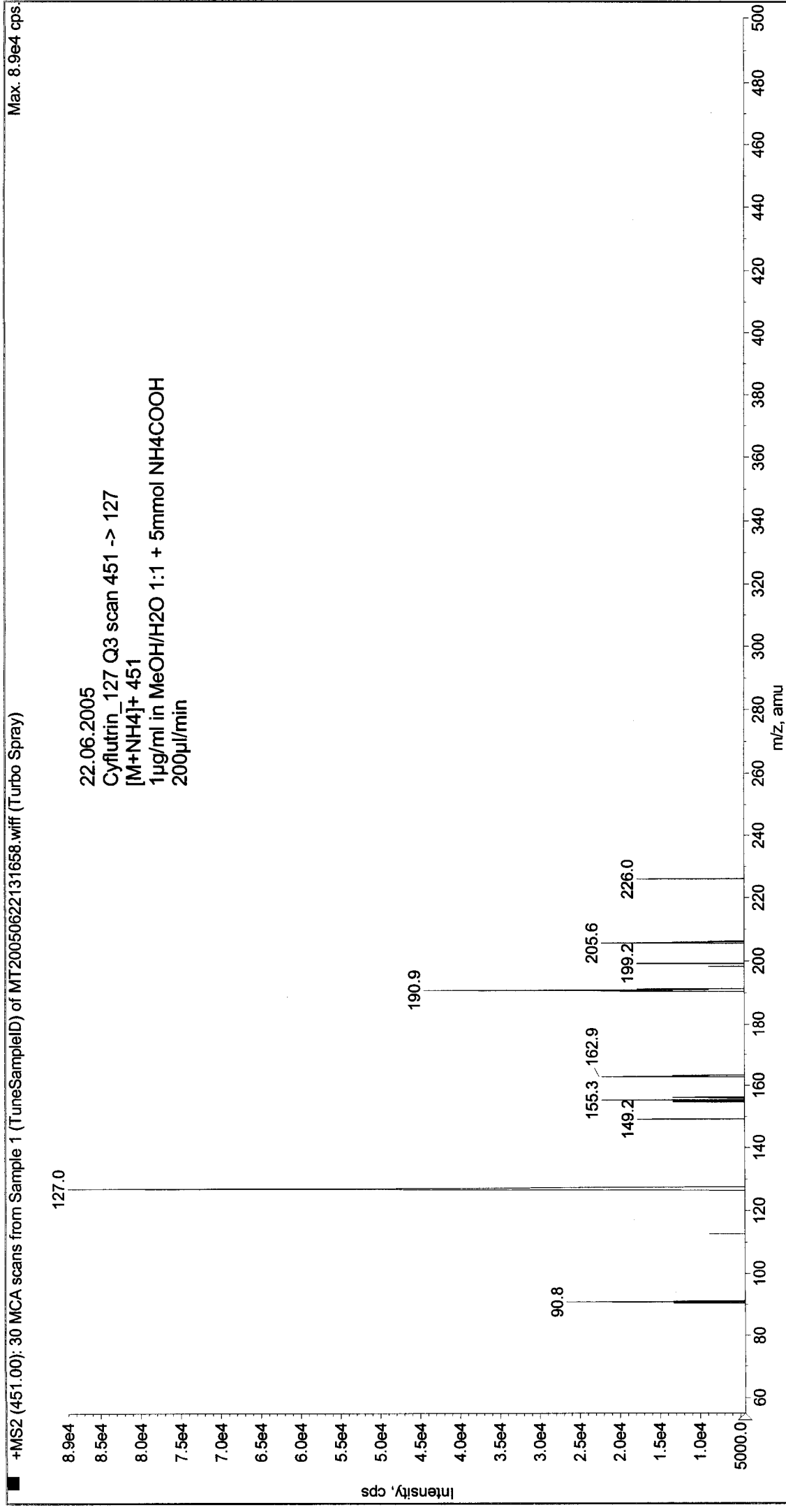
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050622114514.wiff (Turbo Spray)

Max. 3.4e8 cps









Printing Time: 14:35:23
Printing Date: Wednesday, June 29, 2005

Acq. Time: 14:33
Acq. Date: Wednesday, June 29, 2005
Acq. File: MT20050629143357.wiff

Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat

