

MS/MS Parameters of Pesticides

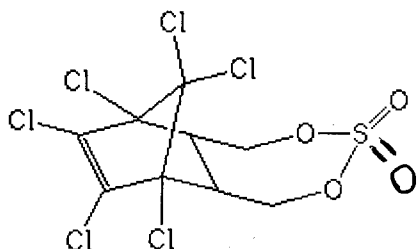
Analyte: Endosulfansulfate

CAS No.: 4031-07-8

Formula: C₉H₆Cl₆O₄S

Molecular mass (lowest isotopes): 419,81 amu

Structure:



Ionisation: ESI-

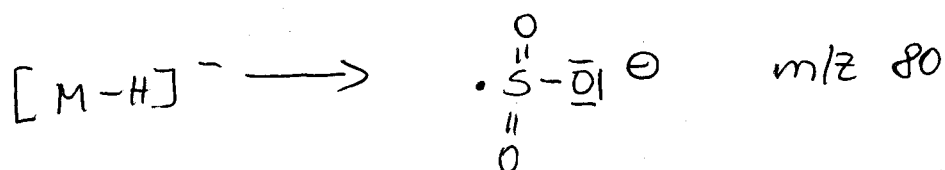
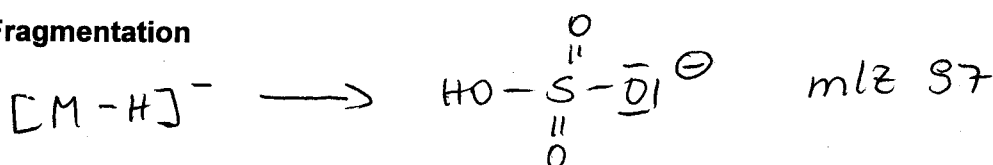
Quasimolecular ion: 420,8 amu = [M-H]-

Analyte sensitive parameter set (API 2000)

Transition	420,8 → 96,8	420,8 → 79,9
Declustering potential (DP) ^{*)}	69V	69 V
Focusing potential (FP)	-350 V	-350 V
Entrance potential (EP)	-10,0 V	-10,0 V
Collision cell entrance potential (CEP)	-22 V	-24 V
Collision energy (CE)	-38 V	-130 V
Collision cell exit potential (CXP)	-18 V	-6 V

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

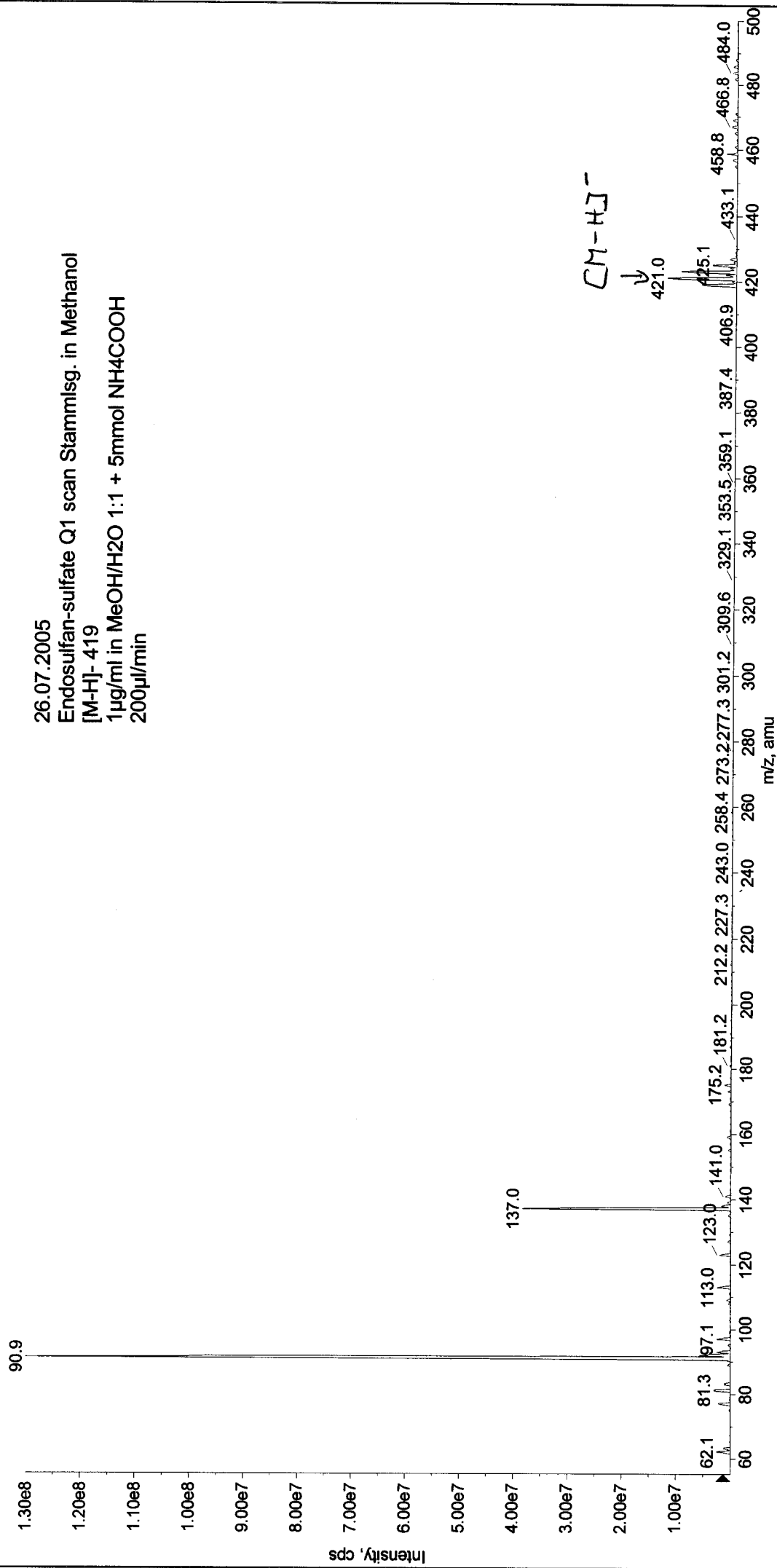
Fragmentation

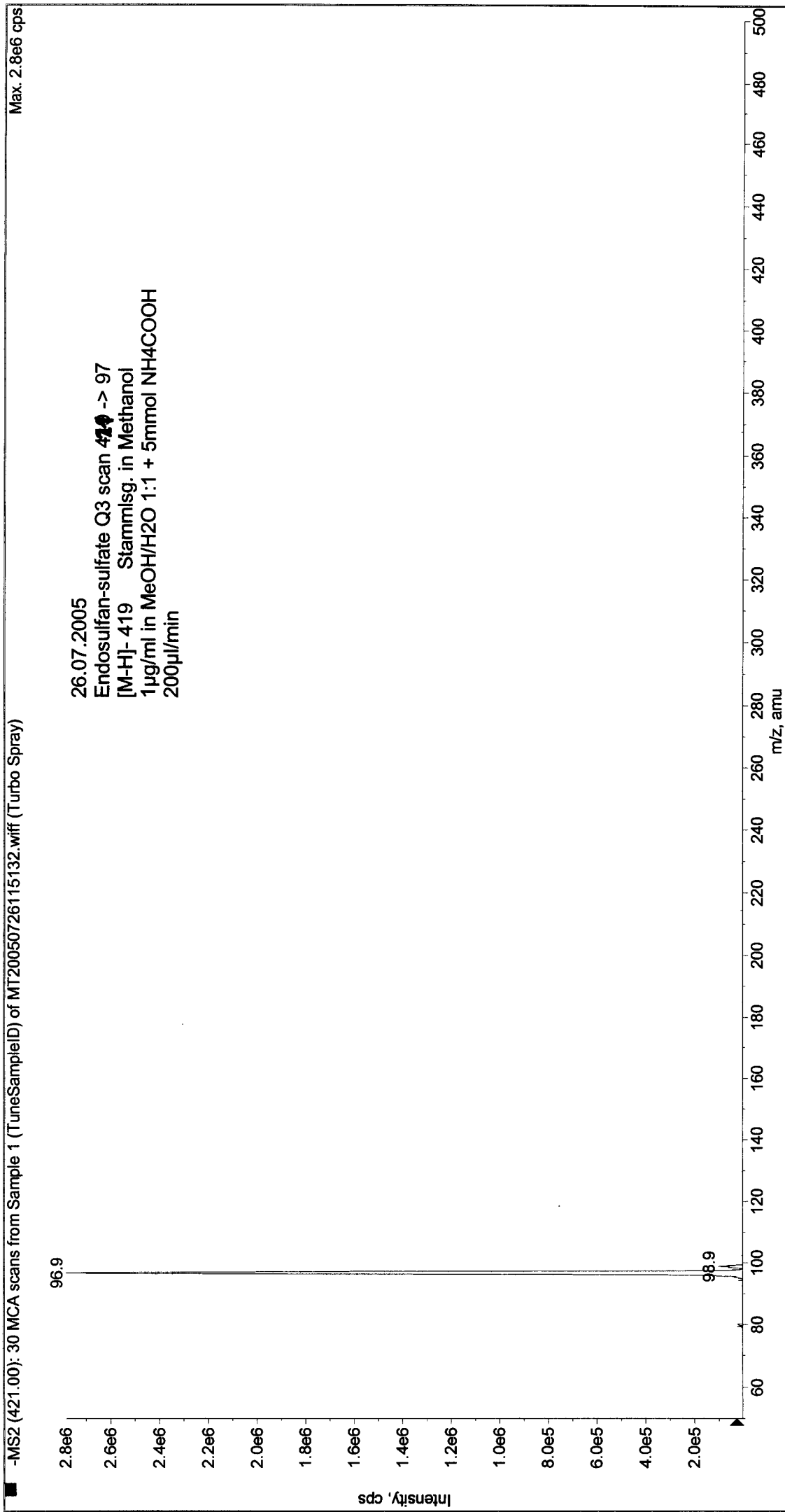


-Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050726114824.wiff (Turbo Spray)

Max. 1.3e8 cps

26.07.2005
Endosulfan-sulfate Q1 scan Stammisg. in Methanol
[M-H]⁻ 419
1µg/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200µl/min

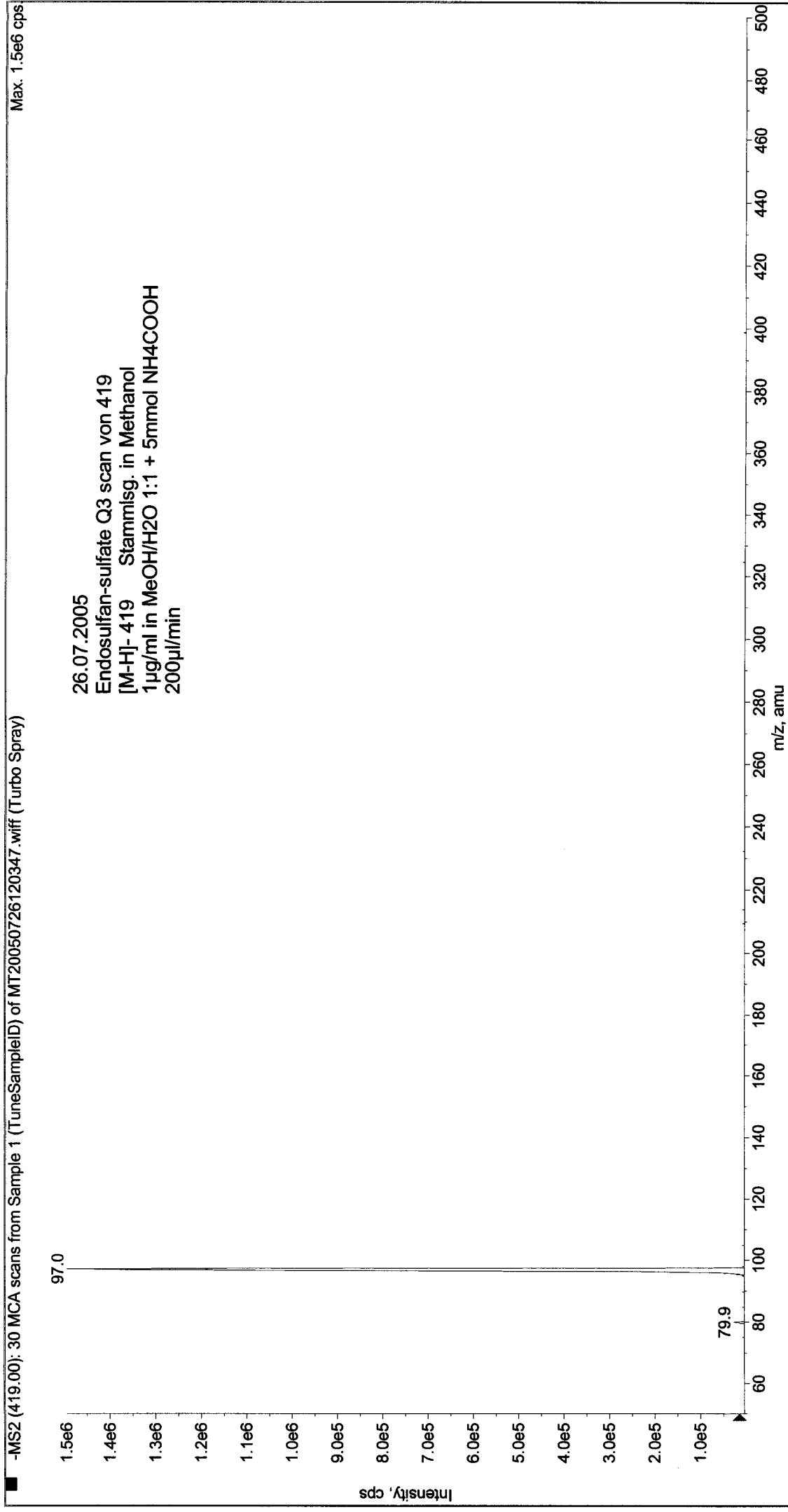


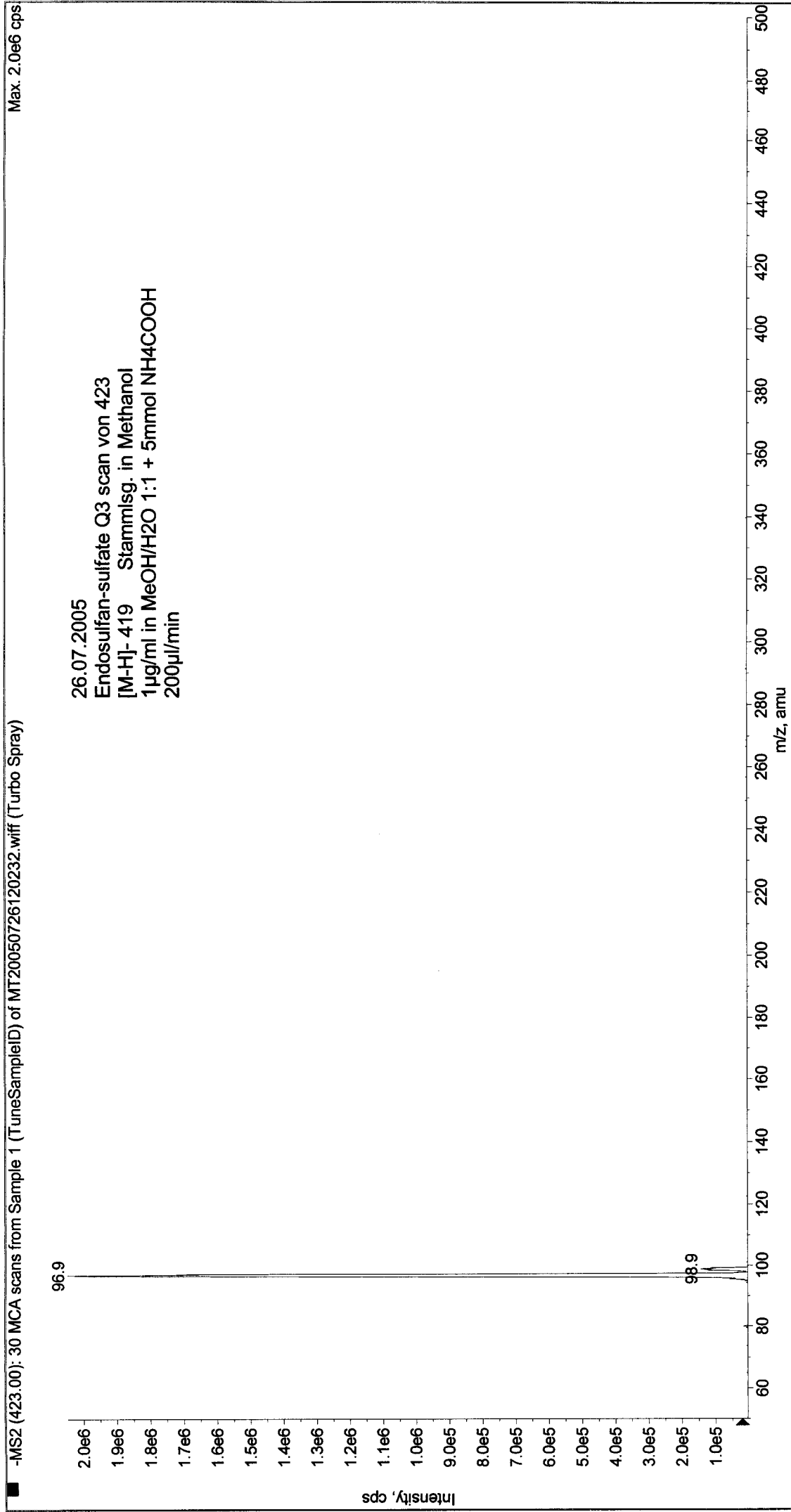


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Printing Date: Tuesday, July 26, 2005

Acq. Time: 12:03
Acq. Date: Tuesday, July 26, 2005
Acq. File: MT20050726120347.wiff

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





Printing Time: 12:08:13
Printing Date: Tuesday, July 26, 2005

Acq. Time: 12:07
Acq. Date: Tuesday, July 26, 2005
Acq. File: MT20050726120703.wiff

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

