

MS/MS Parameters of Pesticides

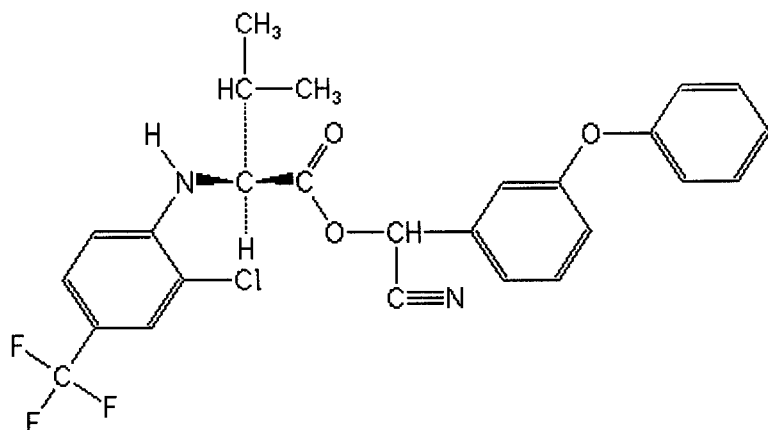
Analyte: tau-Fluvalinate

CAS No.: 102851-06-9

Formula: C₂₆H₂₂ClF₃N₂O₃

Molecular mass (lowest isotopes): 502,13 amu

Structure:



Ionisation: ESI +

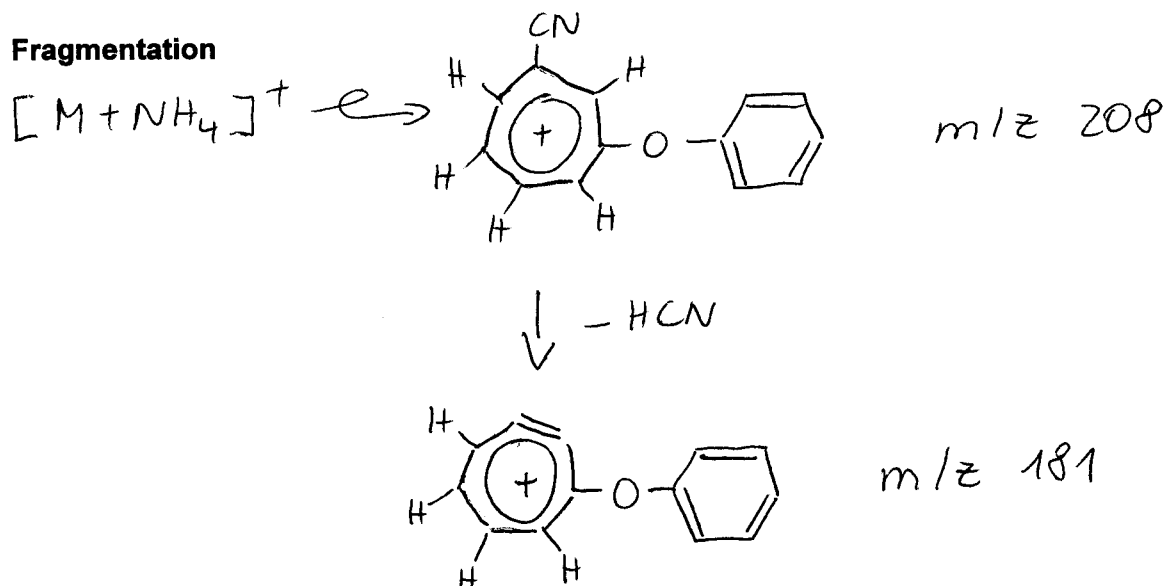
Quasimolecular ion: 520,1 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

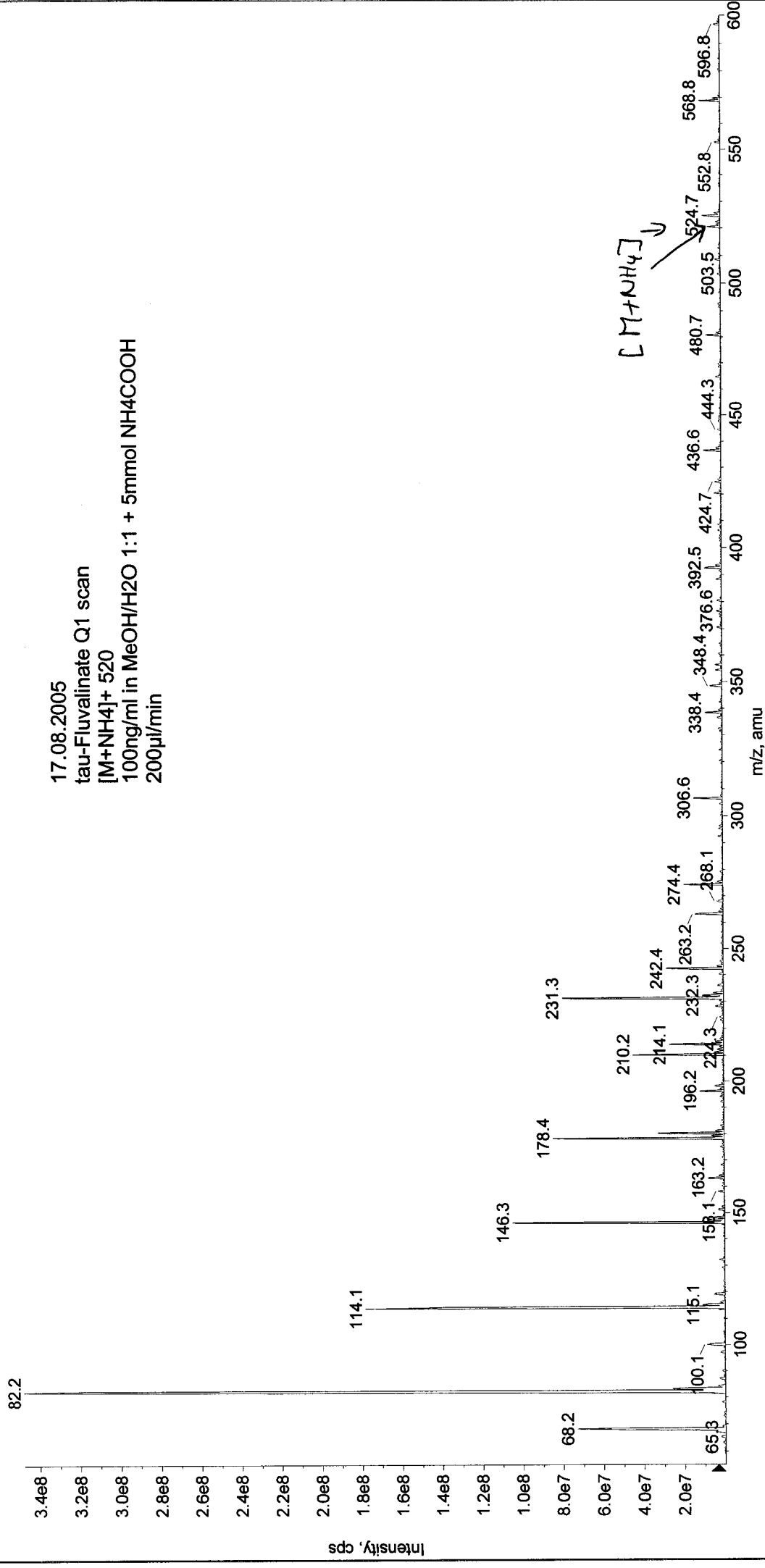
Transition	520,1 → 208,1	520,1 → 181,1
Declustering potential (DP) ^{*)}	31V	31 V
Focusing potential (FP)	360 V	350 V
Entrance potential (EP)	11,0 V	10,5 V
Collision cell entrance potential (CEP)	22 V	22 V
Collision energy (CE)	23 V	41 V
Collision cell exit potential (CXP)	12 V	10 V

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

Fragmentation



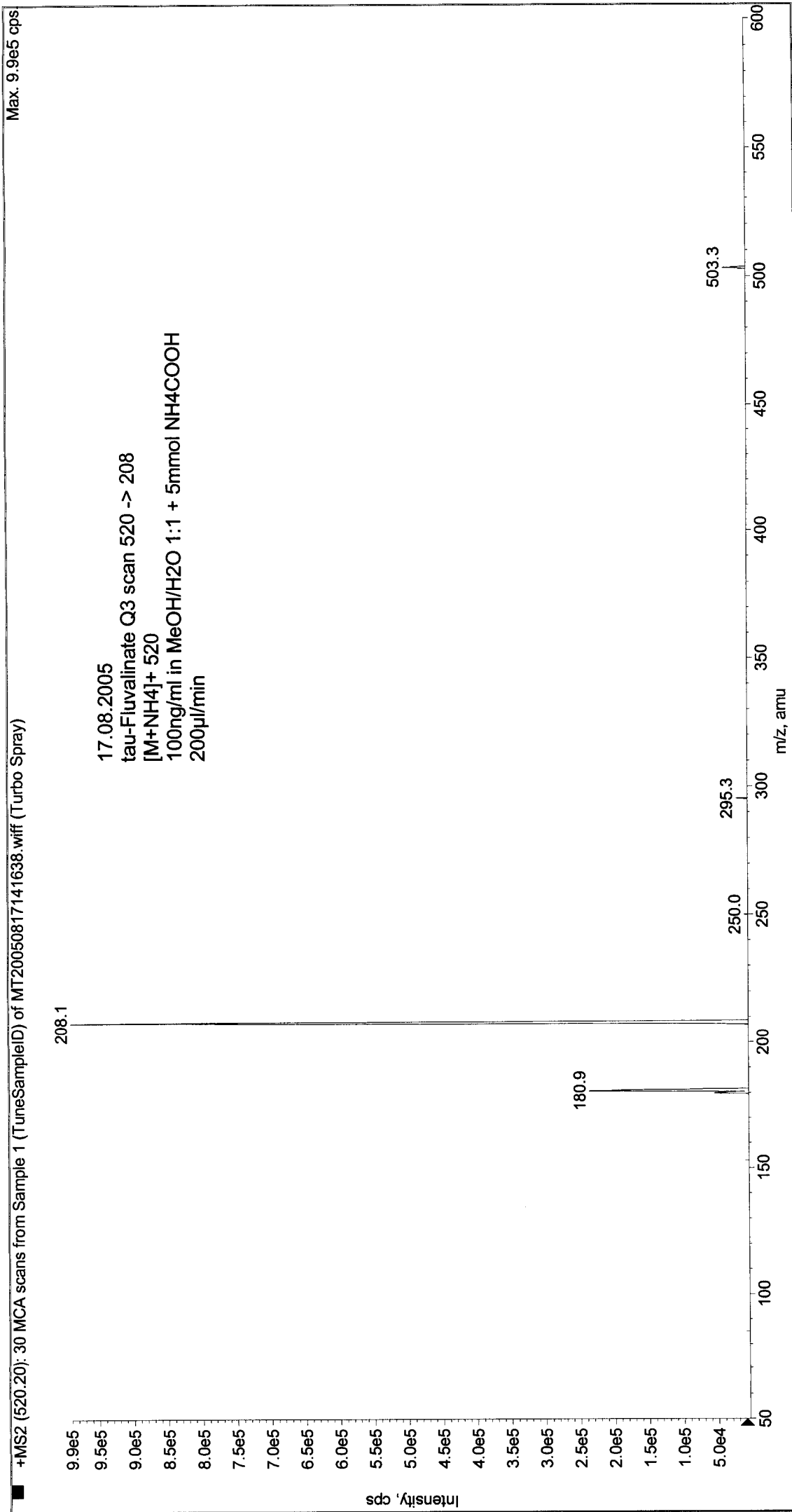
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050817141248.wiff (Turbo Spray) Max. 3.5e8 cps



Printing Time: 14:17:53
Printing Date: Wednesday, August 17, 2005

Acq. Time: 14:16
Acq. Date: Wednesday, August 17, 2005
Acq. File: MT20050817141638.wiff

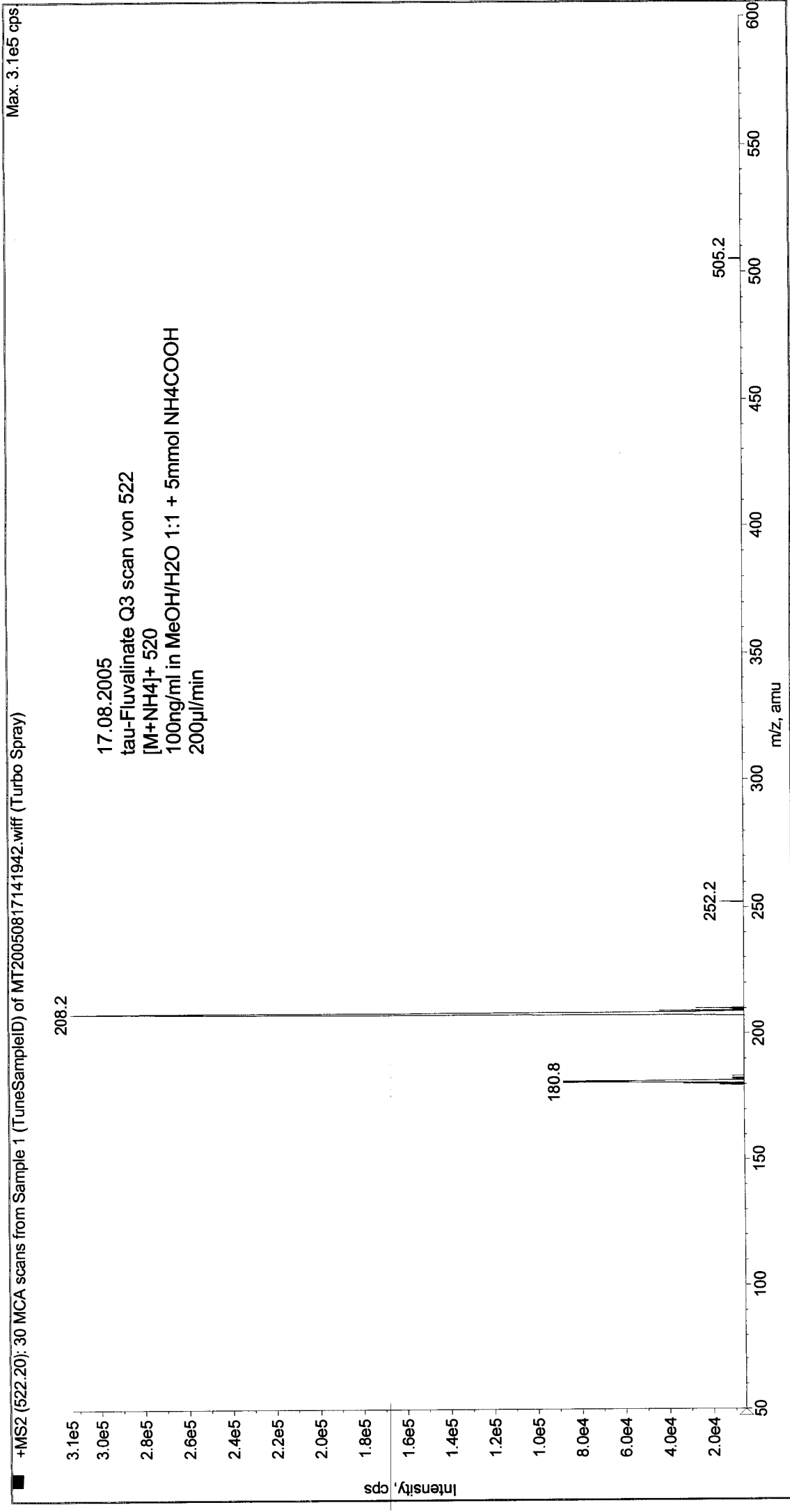
Sample Comment:
Sample Name: TunesSampleID
Batch Name: ManualTune.bat



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Printing Date: Wednesday, August 17, 2005

Acq. Time: 14:19
Acq. Date: Wednesday, August 17, 2005
Acq. File: MT20050817141942.wiff

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



Printing Time: 14:24:52
Printing Date: Wednesday, August 17, 2005

Acq. Time: 14:23
Acq. Date: Wednesday, August 17, 2005
Acq. File: MT20050817142342.wiff

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

