

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

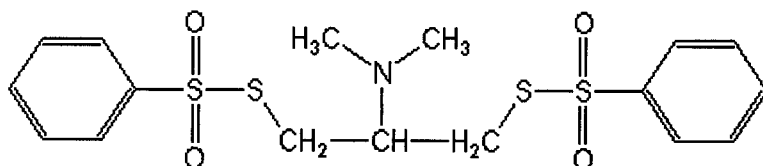
Analyte: Bensultap

CAS No.: 17606-31-4

Formula: C₁₇H₂₁NO₄S₄

Molecular mass (lowest isotopes): 431,04 amu

Structure:



Ionisation: ESI +

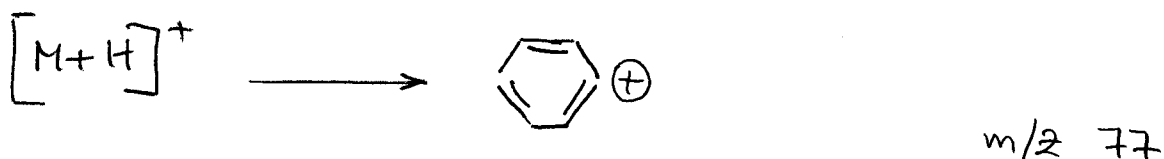
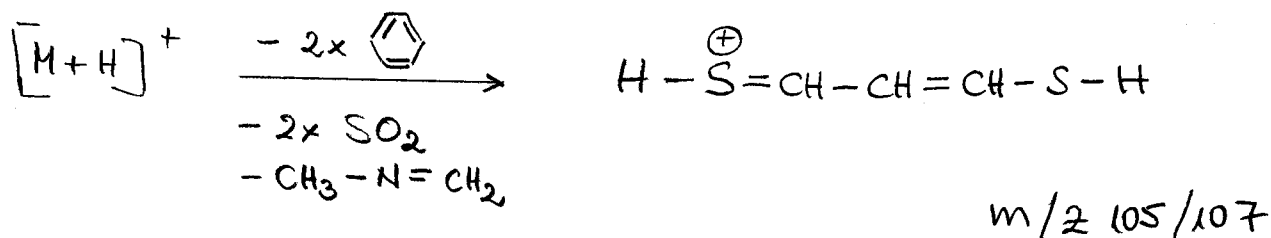
Quasimolecular ion: 432,0 amu = [M+H]⁺

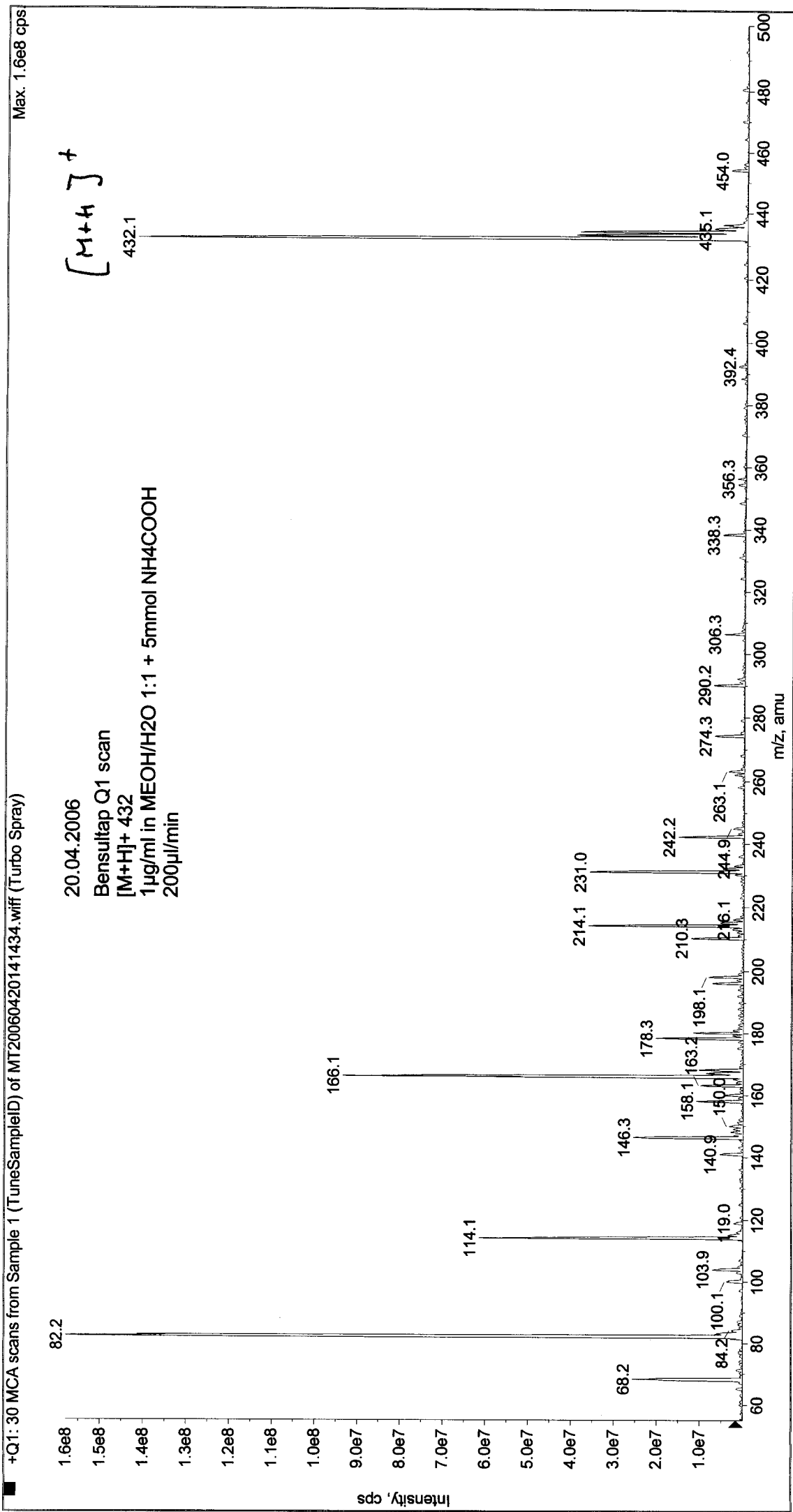
Analyte sensitive parameter set (API 2000)

Transition	432,0 → 105,1	432,0 → 77,0
Declustering potential (DP) ^{*)}	64 V	64 V
Focusing potential (FP)	370 V	330 V
Entrance potential (EP)	12,0 V	10,0 V
Collision cell entrance potential (CEP)	18 V	18 V
Collision energy (CE)	63 V	75 V
Collision cell exit potential (CXP)	4 V	4 V

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

Fragmentation





Printing Time: 14:17:14

Printing Date: Thursday, April 20, 2006

Acq. Time: 14:16

Acq. Date: Thursday, April 20, 2006

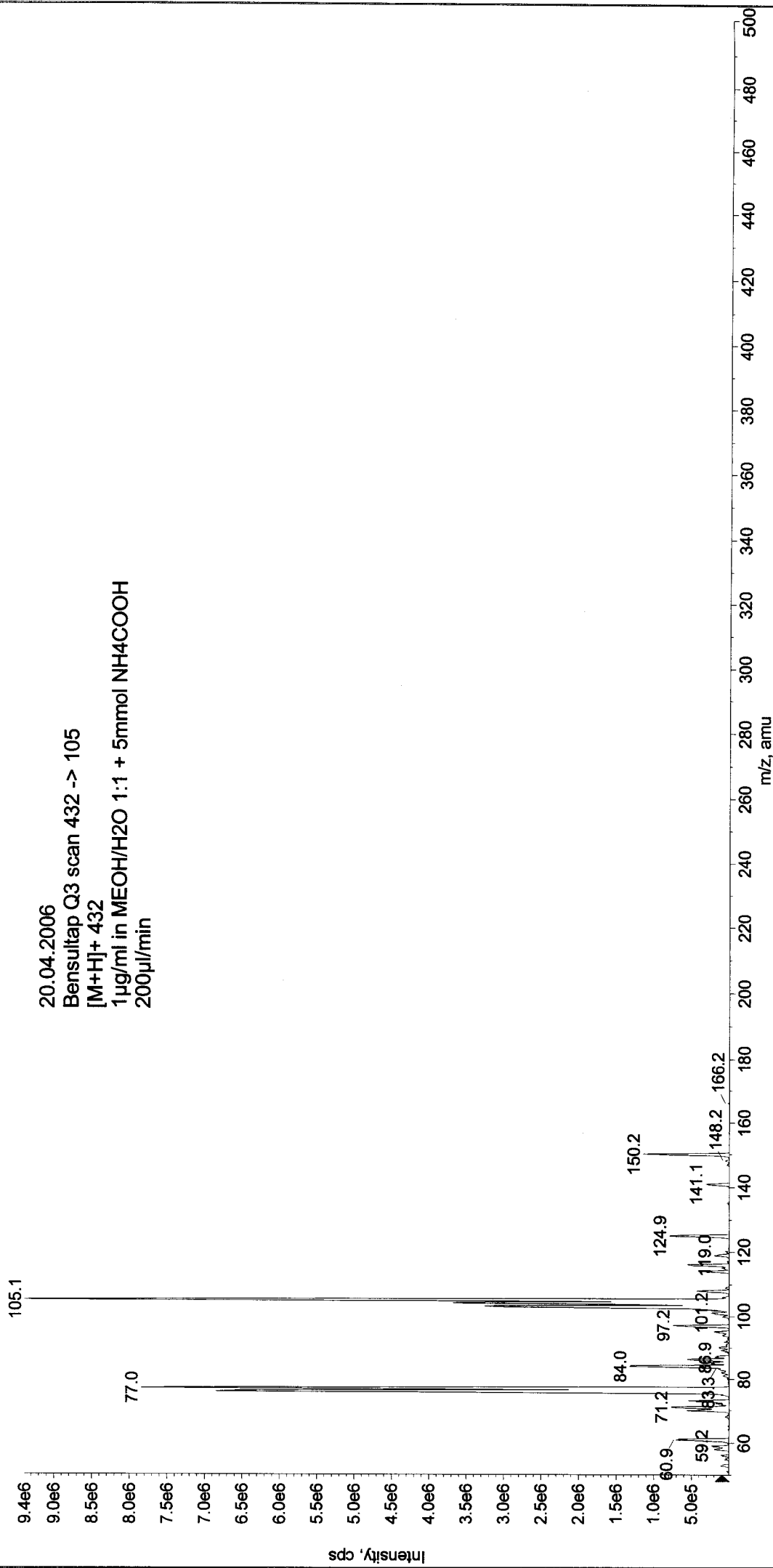
Acq. File: MT20060420141604.wiff

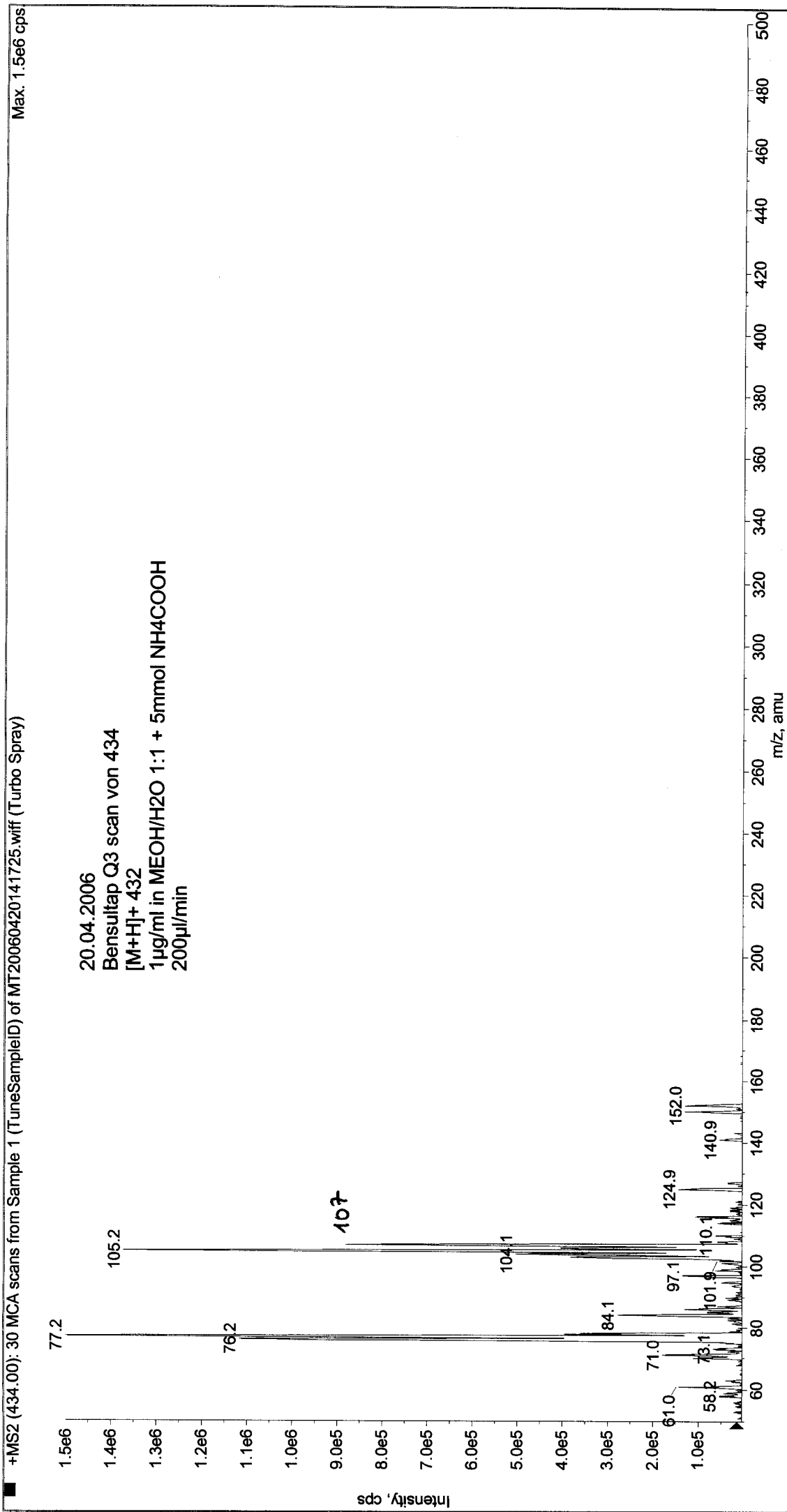
Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

■ +MS2 (432.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20060420141604.wiff (Turbo Spray) Max. 9.4e6 cps

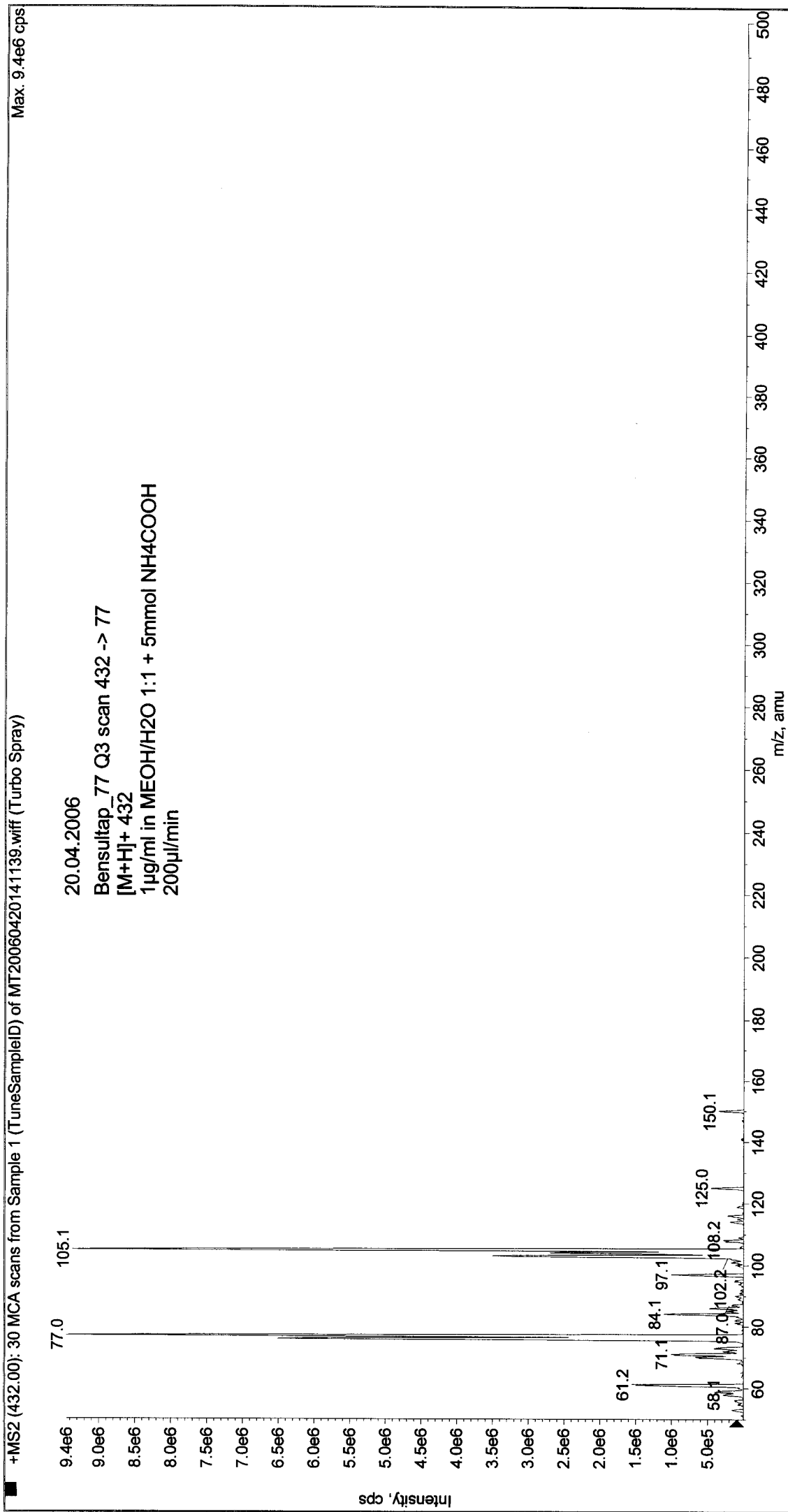




Printing Time: 14:12:37
Printing Date: Thursday, April 20, 2006

Acq. Time: 14:11
Acq. Date: Thursday, April 20, 2006
Acq. File: MT20060420141139.wiff

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



Printing Time: 14:11:20
Printing Date: Thursday, April 20, 2006

Acq. Time: 14:10
Acq. Date: Thursday, April 20, 2006
Acq. File: MT20060420141008.wiff

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

