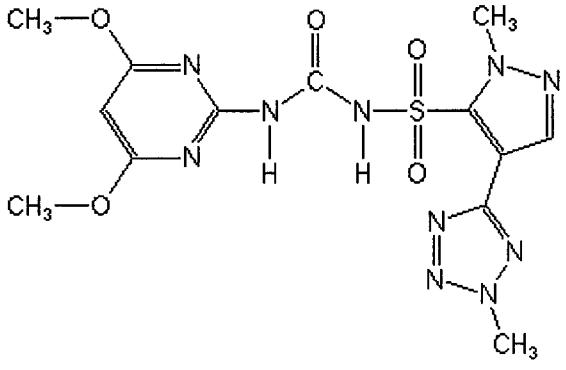
Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

Analyte: Azimsulfuron

CAS No.: 120162-55-2
Formula: C13H16N10O5S
Molecular mass (lowest isotopes): 424,10 amu

Structure:



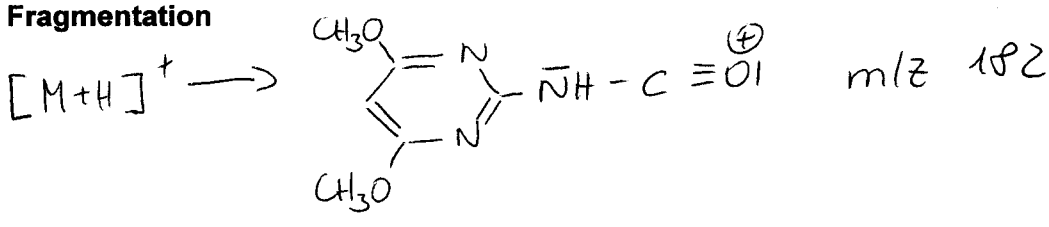
Ionisation: ESI + Quasimolecular ion: 425,1 amu = [M+H]+

Analyte sensitive parameter set (API 2000)

Transition	425,1 → 182,1	425,1 → 156,1
Declustering potential (DP)*)	31V	31 V
Focusing potential (FP)	360 V	370 V
Entrance potential (EP)	8,5 V	8,5 V
Collision cell entrance potential (CEP)	24 V	24 V
Collision energy (CE)	23 V	43 V
Collision cell exit potential (CXP)	10 V	8 V

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

Fragmentation



[M+H]+ → 156 ?

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Printing Date: Monday, August 08, 2005

Acq. Time: 10:14
Acq. Date: Monday, August 08, 2005
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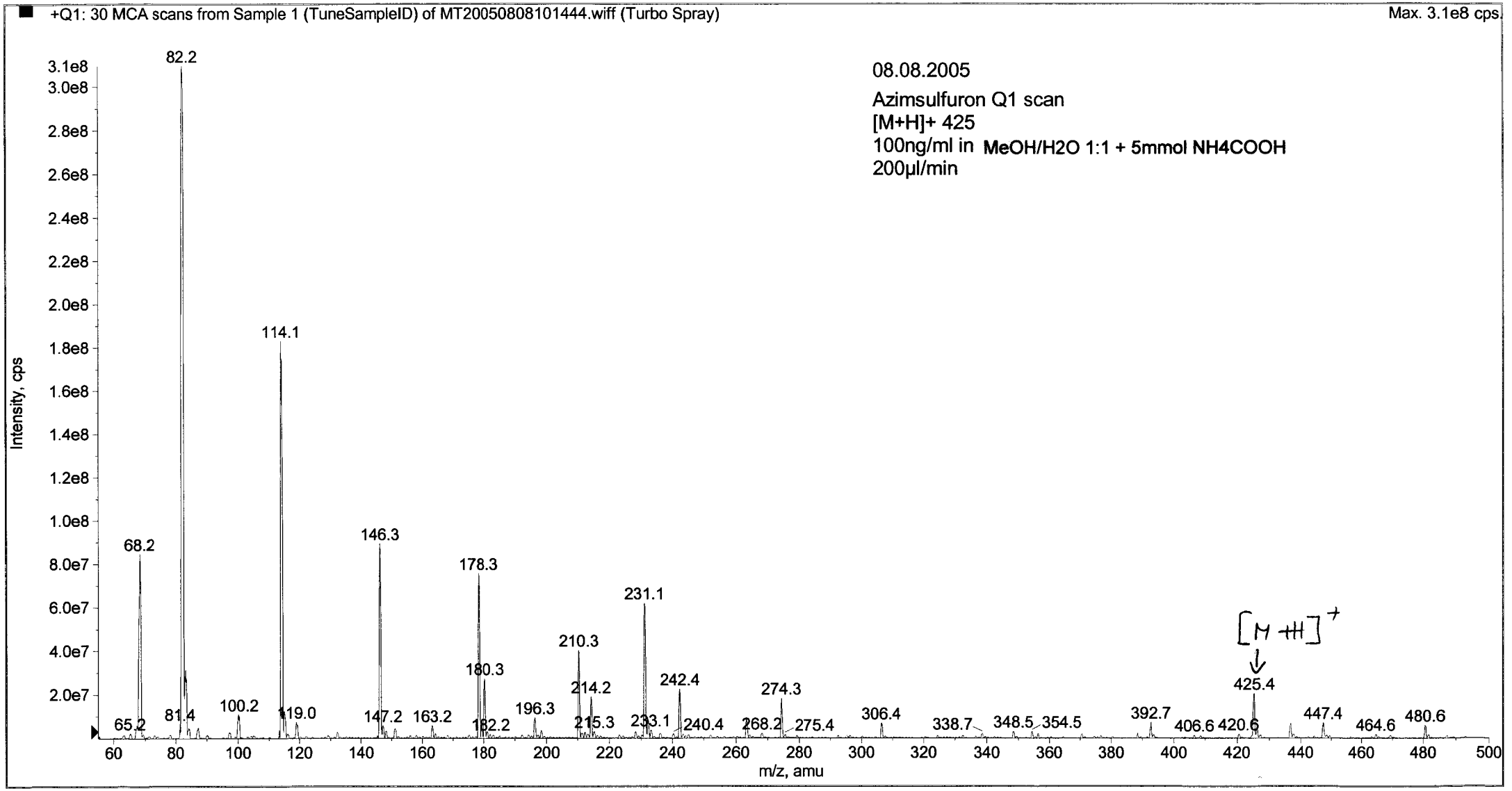
Batch Name: ManualTune.bat



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Acq ime: 10:17
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Sample Comment:
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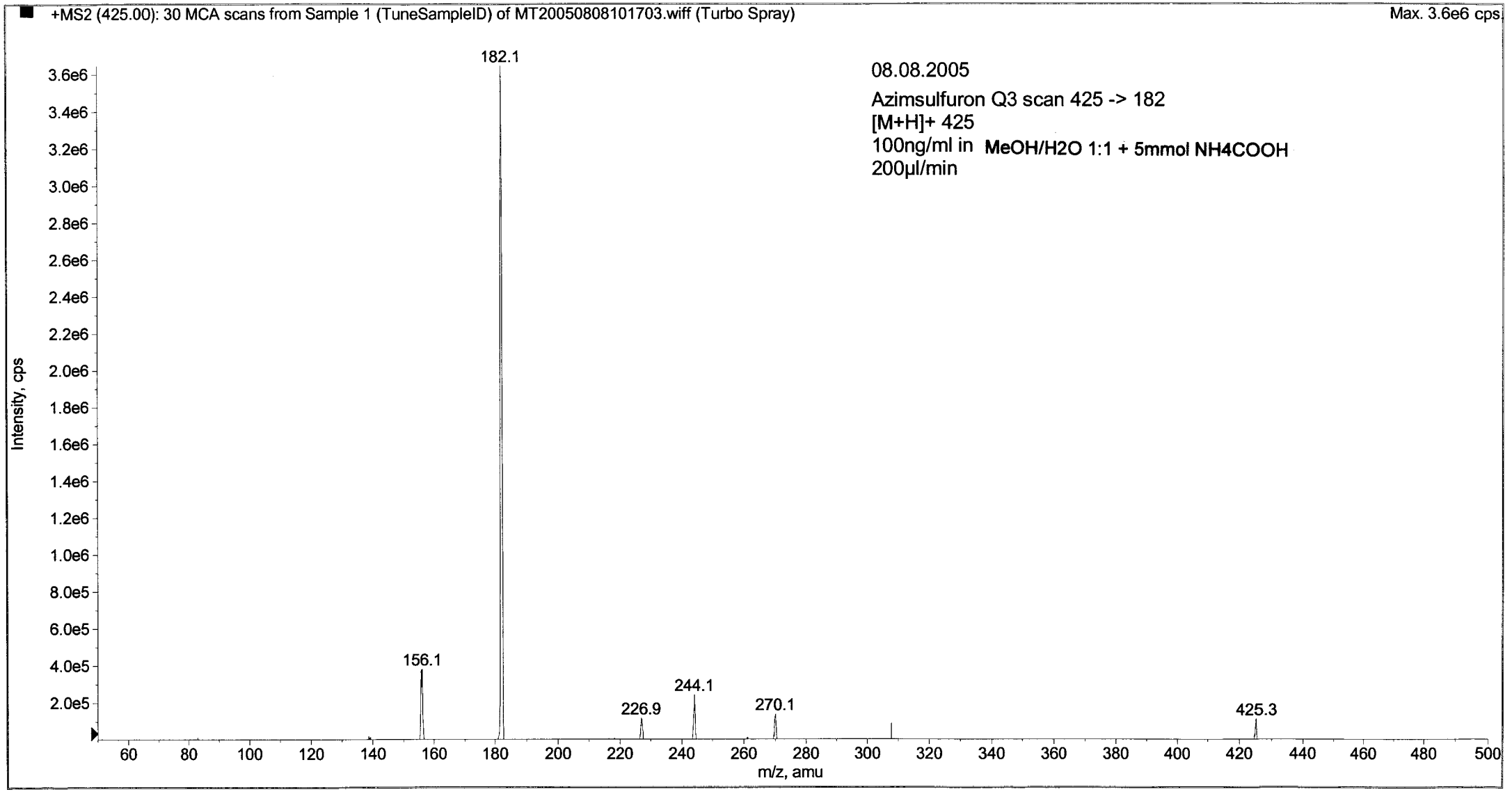
Batch Name: ManualTune.bat



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Printing Date: Monday, August 08, 2005

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Sample Comment:
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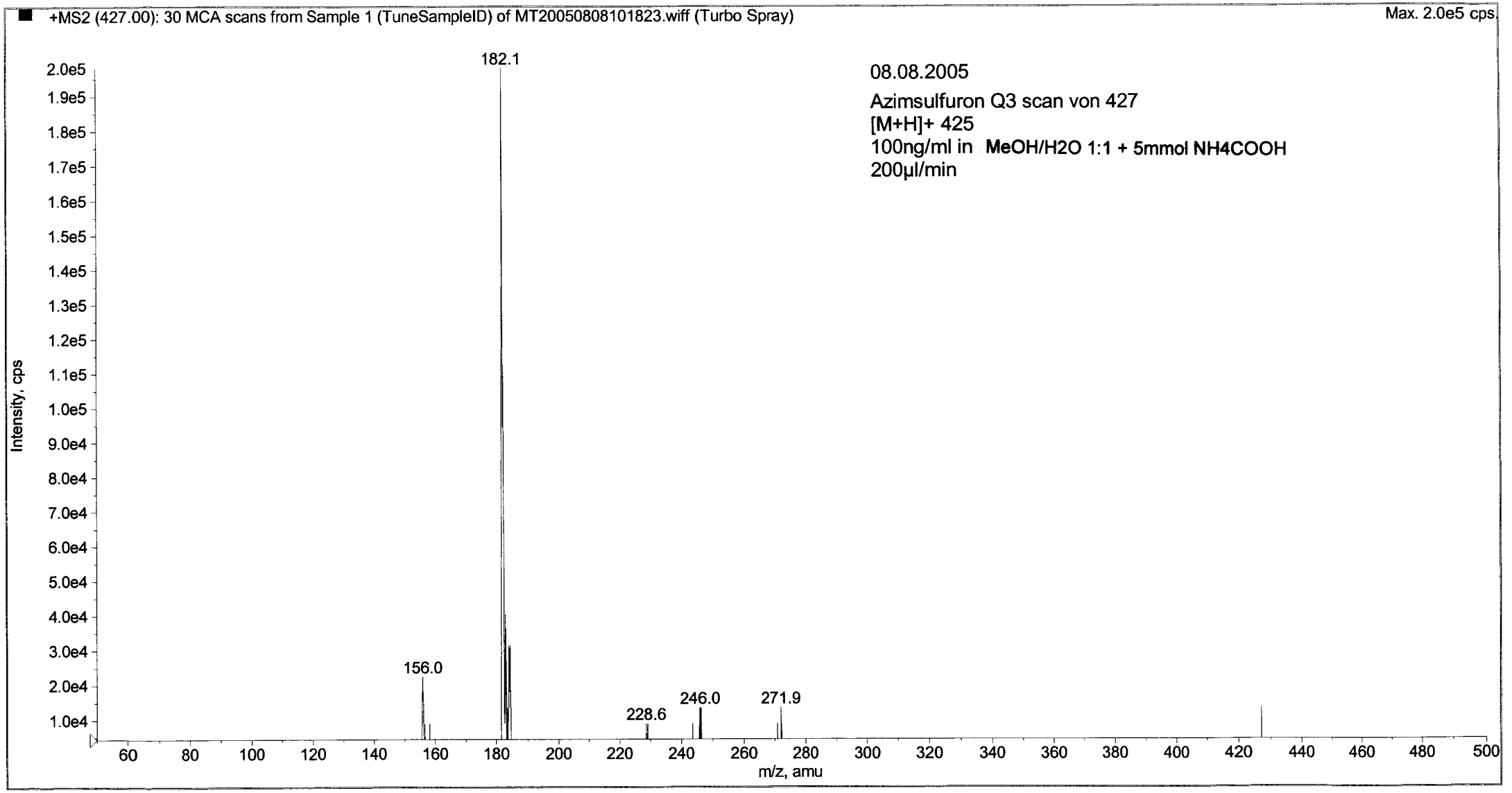
Batch Name: ManualTune.bat



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Sample Comment:
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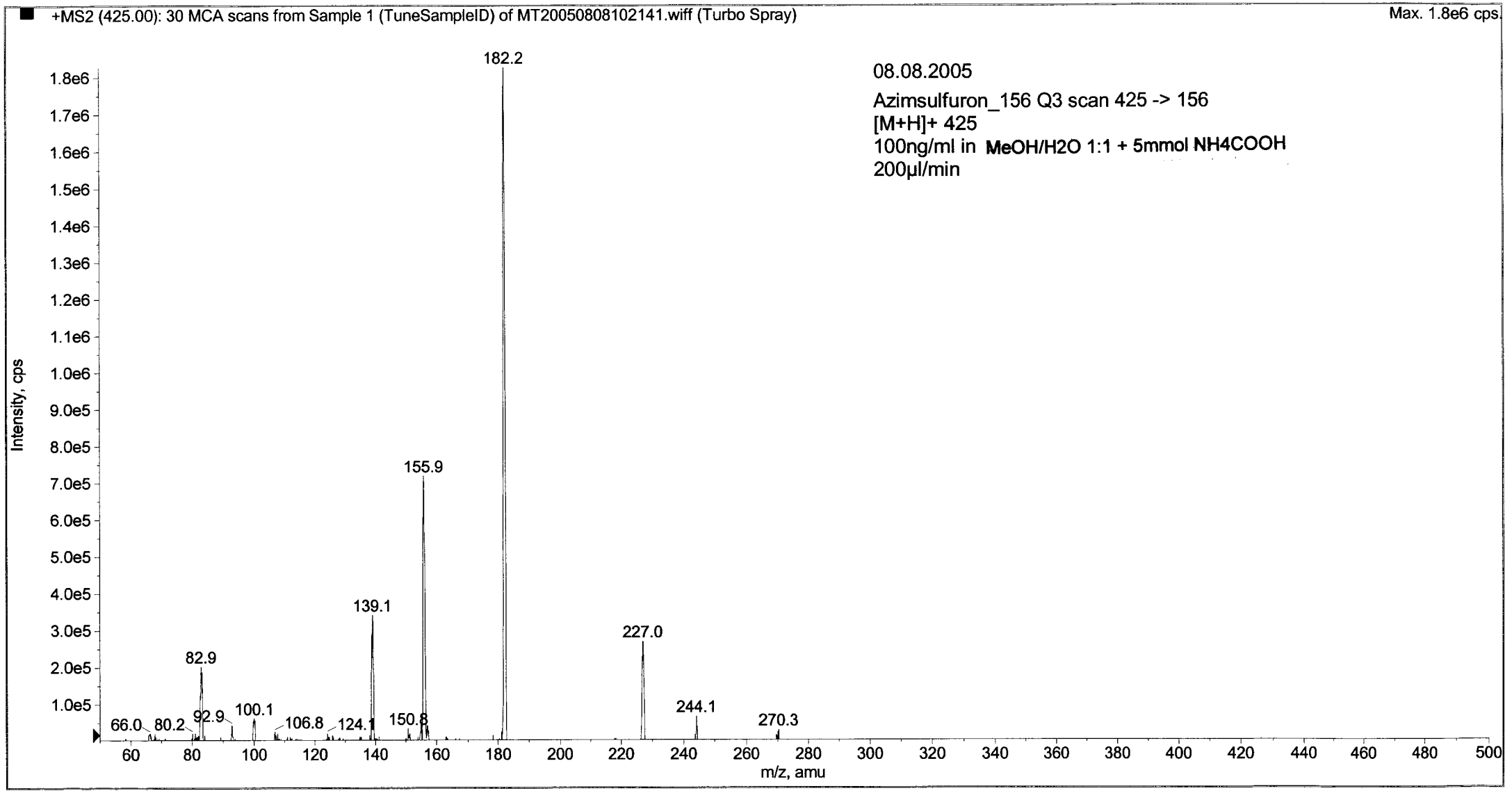
Batch Name: ManualTune.bat



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Printing Date: Monday, August 08, 2005

Acq. Time: 10:22
Acq. Date: Monday, August 08, 2005
Acq. File: MT20050808102254.wiff

Sample Comment:
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Batch Name: ManualTune.bat