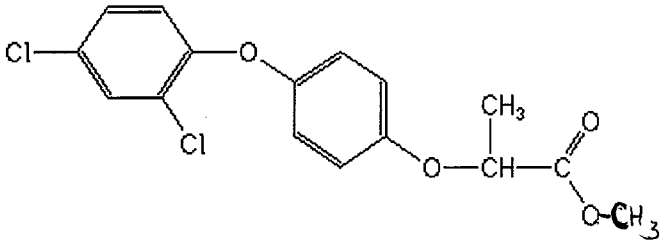
Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

Analyte: Diclofop-methyl

CAS No.: 51338-27-3
Formula: C16H14Cl2O4
Exact molecular mass (lowest isotopes): 340,03 amu

Structure:



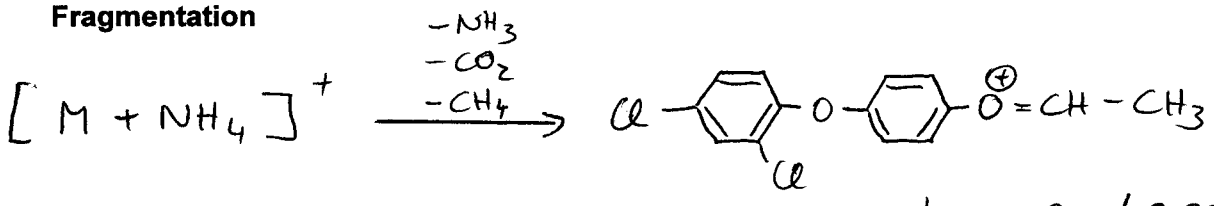
Ionisation: ESI + Quasimolecular ion: 358,0 amu = [M+NH4]+

Analyte sensitive parameter set (API 2000)

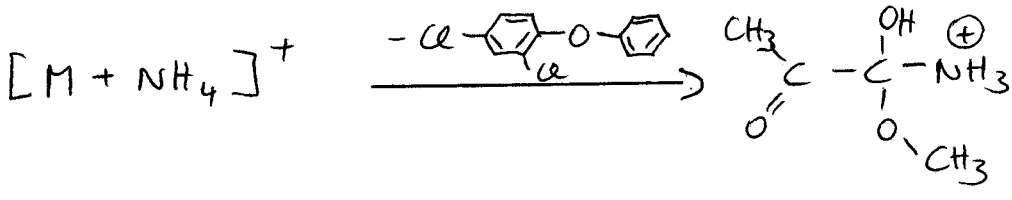
Transition	358,0 → 281,0	358,0 → 120,0
Declustering potential (DP)*)	26V	26 V
Focusing potential (FP)	350 V	370 V
Entrance potential (EP)	10,0 V	10,0 V
Collision cell entrance potential (CEP)	22 V	26 V
Collision energy (CE)	21 V	39 V
Collision cell exit potential (CXP)	16 V	6 V

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

Fragmentation



m/z 281 / 283



m/z 120

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Printing Date: Friday, July 01, 2005

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Sample Comment:
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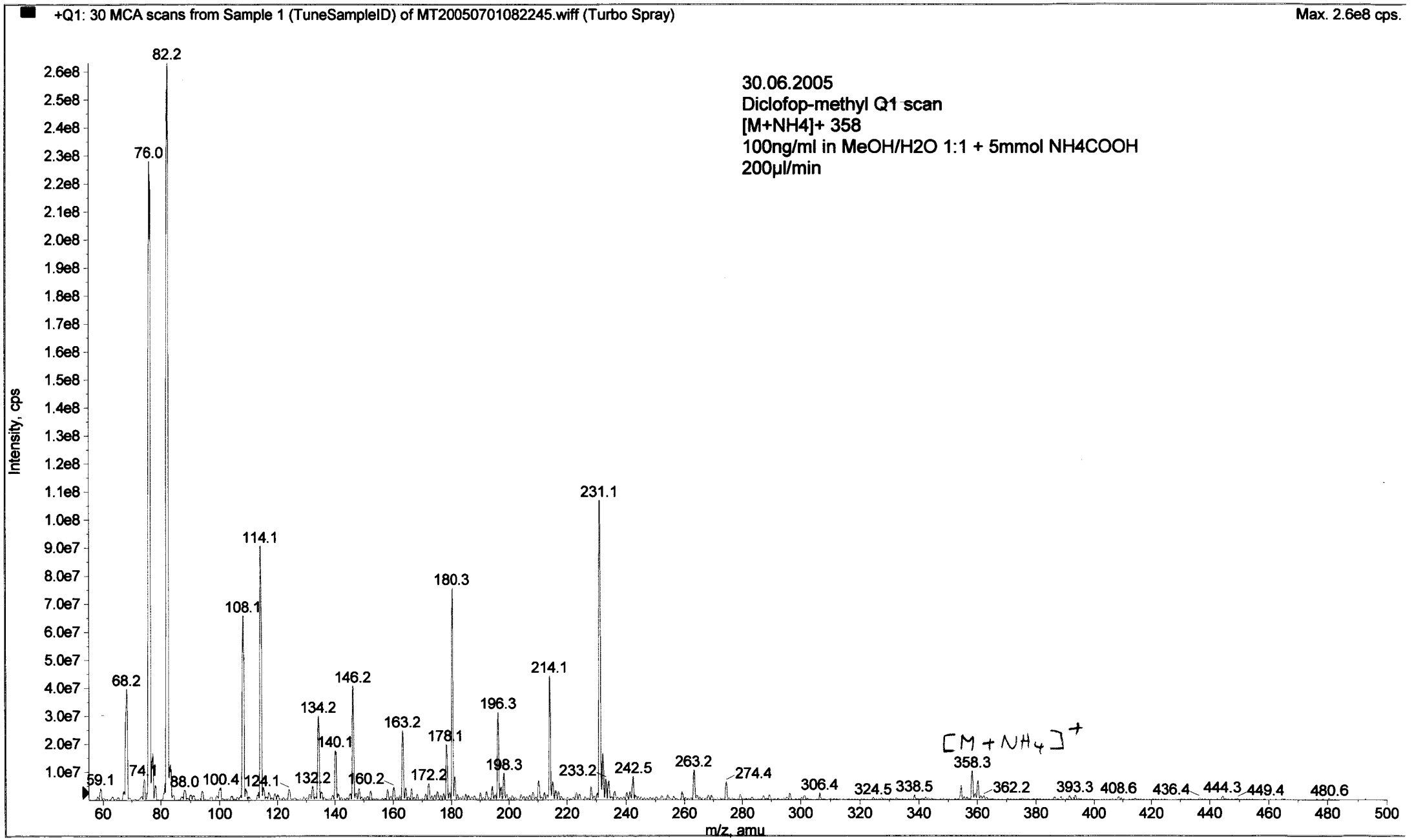
Batch Name: ManualTune.bat



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Acq. Date: Friday, July 01, 2005

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Sample Comment:
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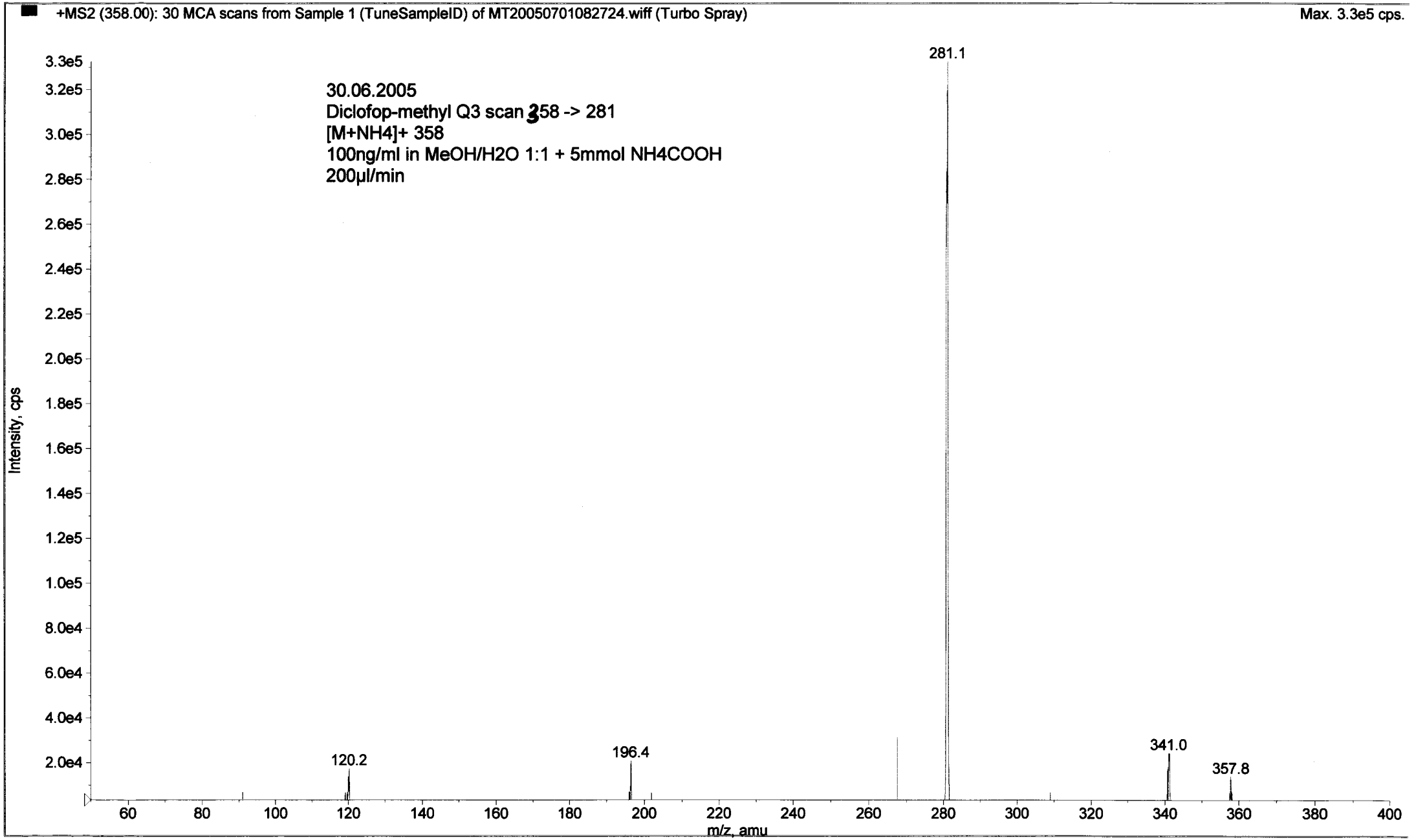
Batch Name: ManualTune.bat



Printing Time: 8:30:06
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Acq. Time: 08:28
Acq. Date: Friday, July 01, 2005

Acq. File: MT20050701082858.wiff

Sample Comment:
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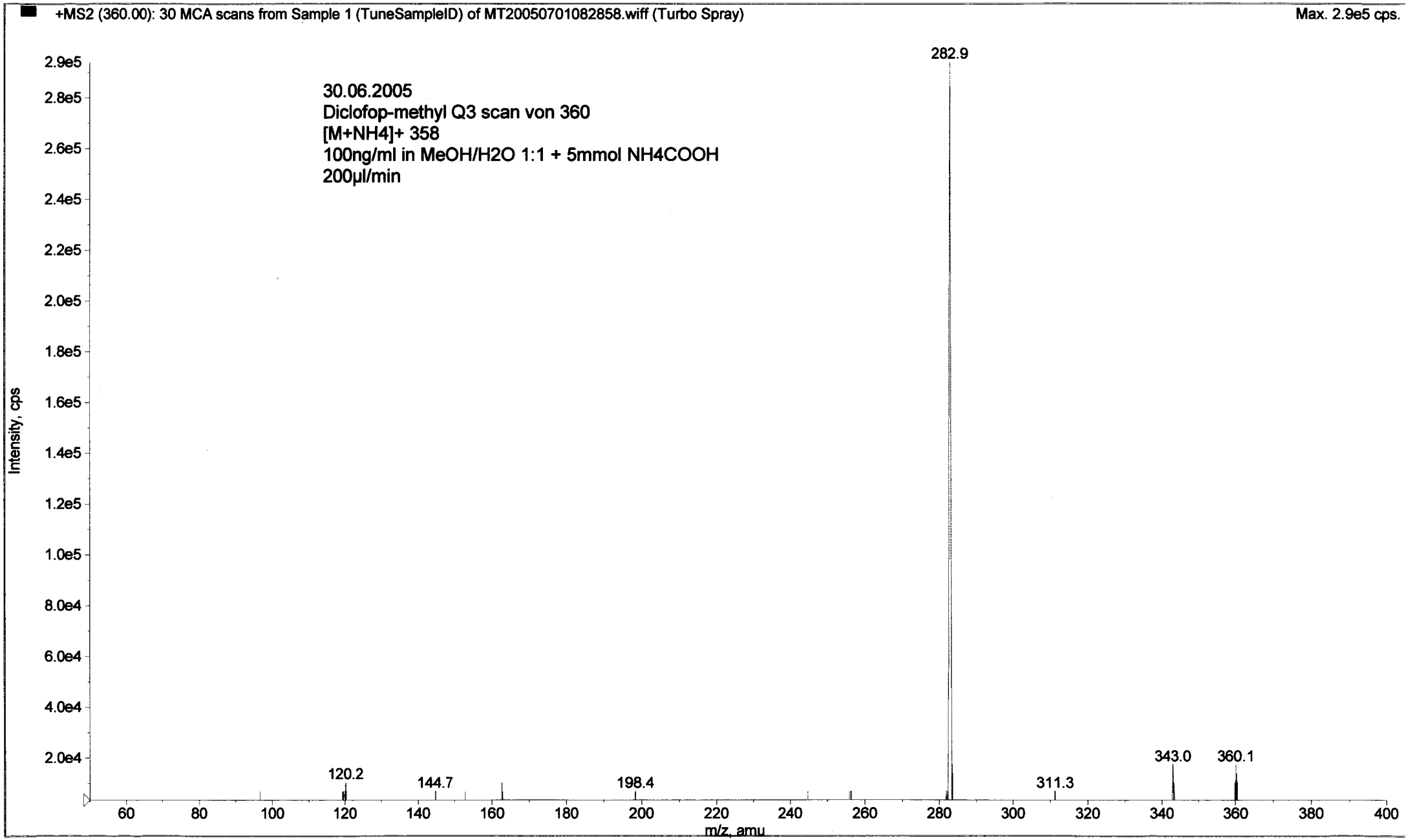

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Acq. Time: 08:33
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Sample Comment:
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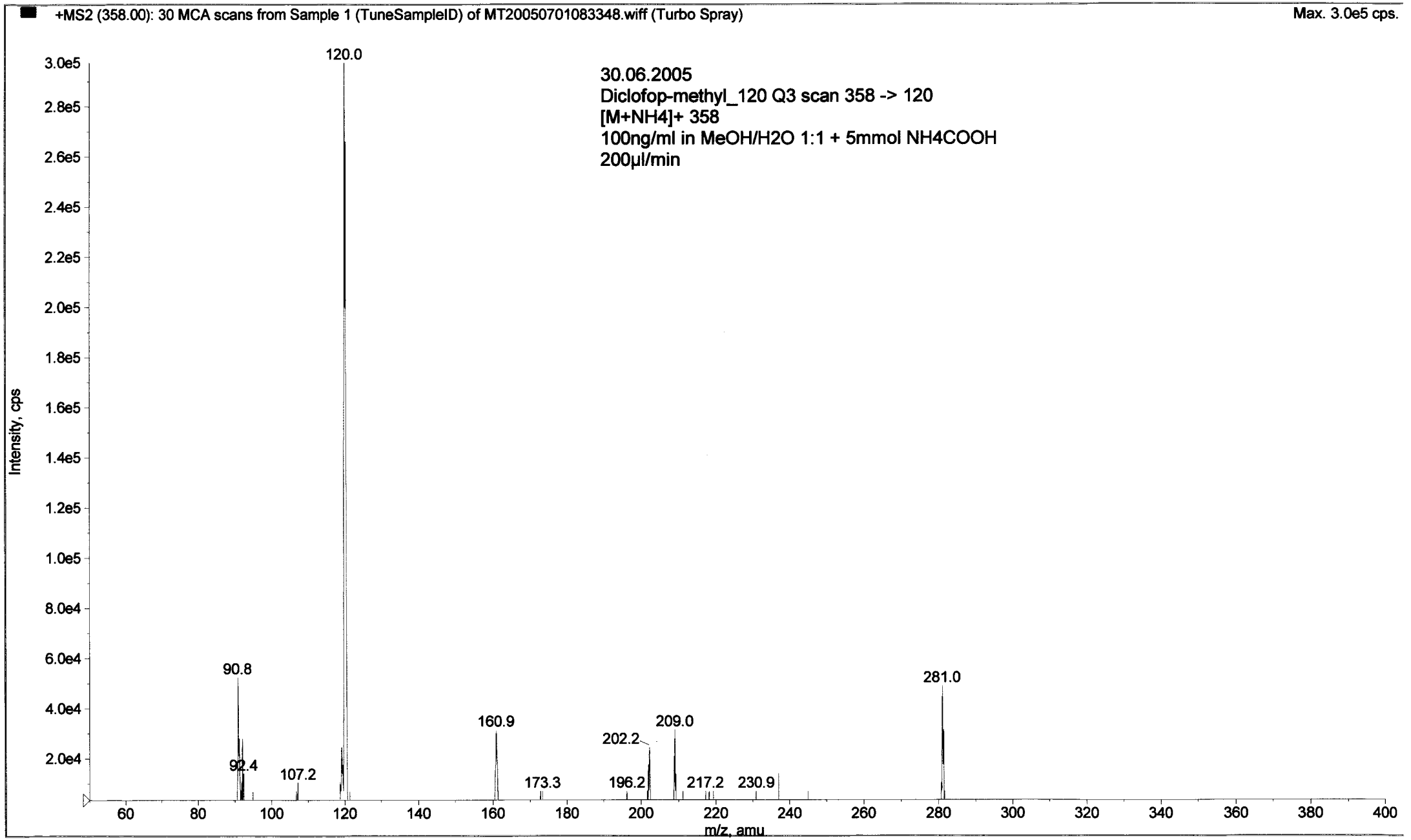
Batch Name: ManualTune.bat



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Acq. Time: 08:35
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Acq. File: MT20050701083513.wiff

Sample Comment:
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Batch Name: ManualTune.bat