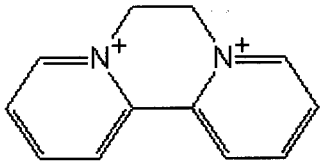
Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

Analyte: Diquat

CAS No.: 2764-72-9
Formula: C12H12N2
Molecular mass (lowest isotopes): 184,10 amu

Structure:



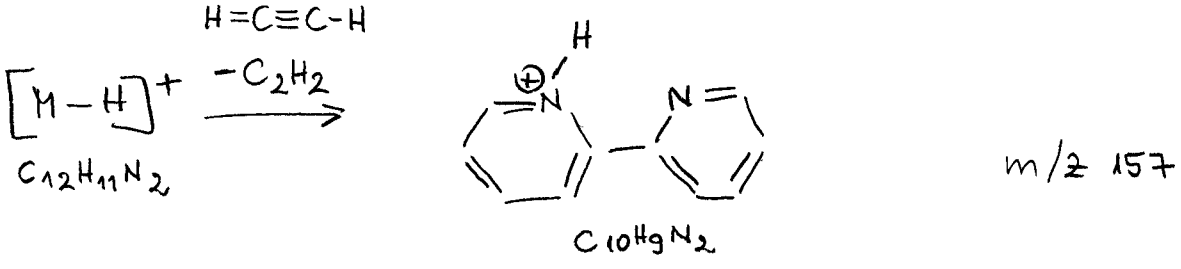
Ionisation: ESI + Quasimolecular ion: 183,1 amu = [M-H]+

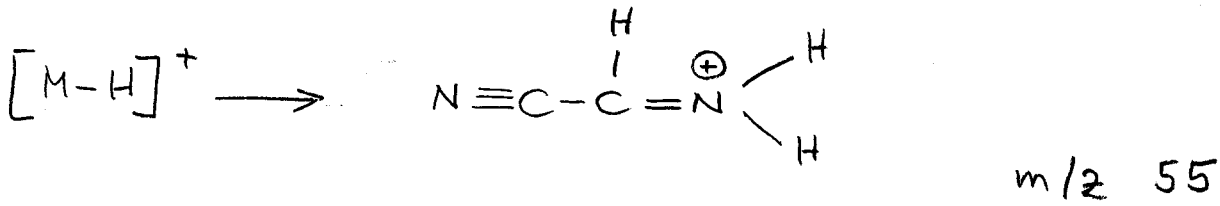
Analyte sensitive parameter set (API 2000)

Transition	183,1 → 157,1	183,1 → 55,1
Declustering potential (DP)*)	9 V	9 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	12,0 V	10,5 V
Collision cell entrance potential (CEP)	12 V	12 V
Collision energy (CE)	31 V	13 V
Collision cell exit potential (CXP)	8 V	8 V

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

Fragmentation





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Printing Date: Monday, April 10, 2006

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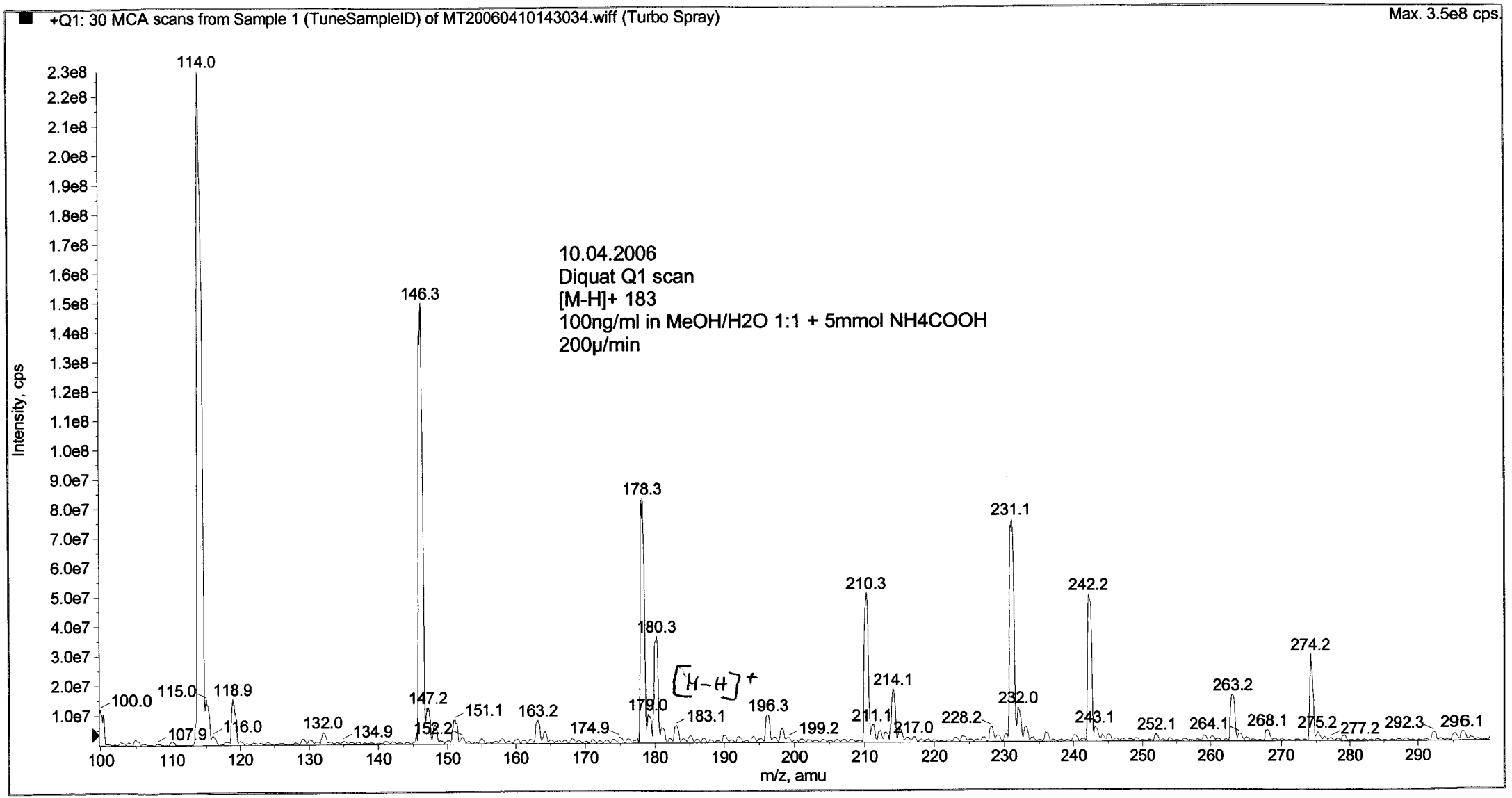
Batch Name: ManualTune.bat



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Sample Comment:
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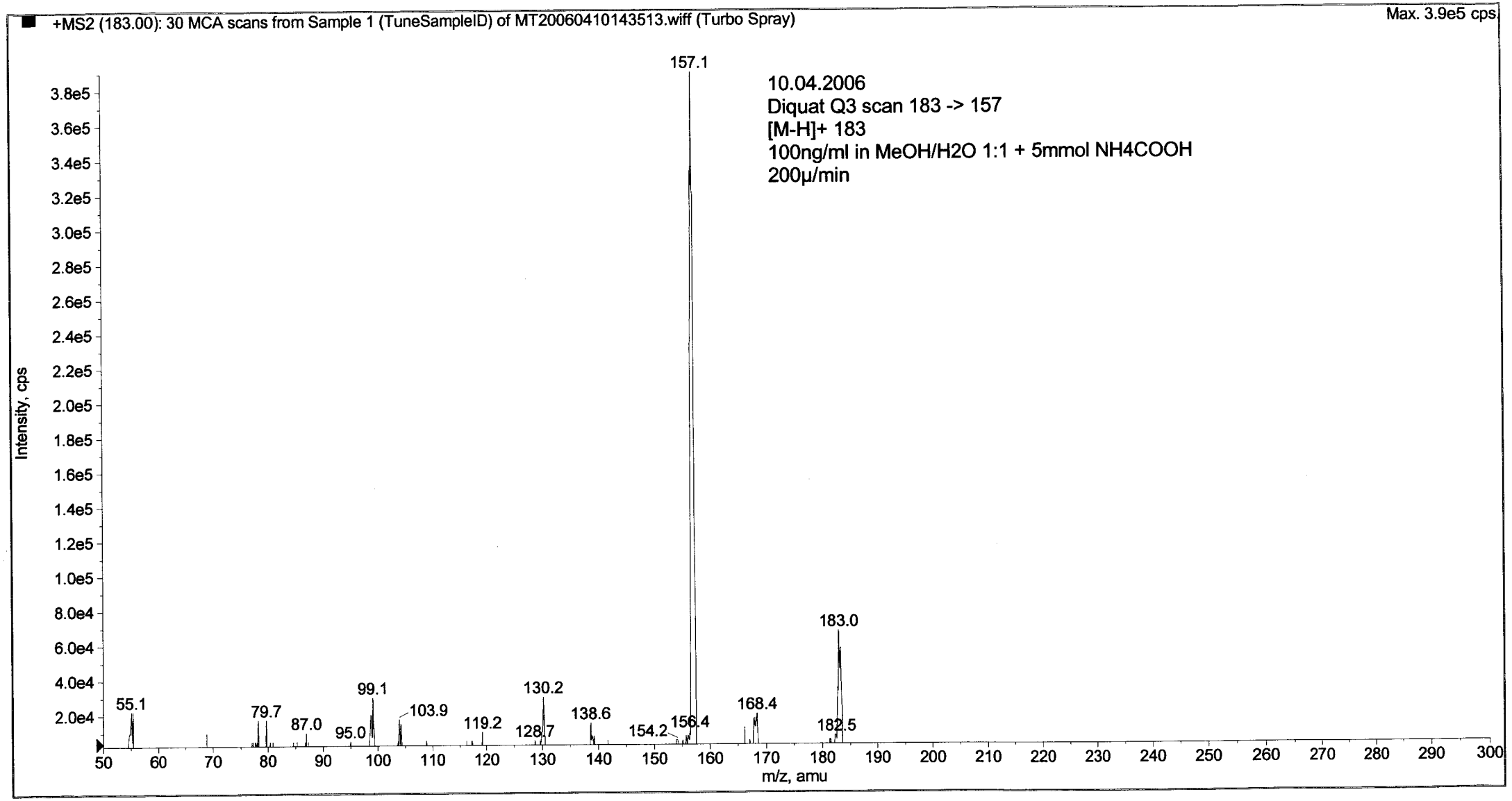

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Printing Date: Monday, April 10, 2006

Acq. Time: 14:49
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Sample Comment:
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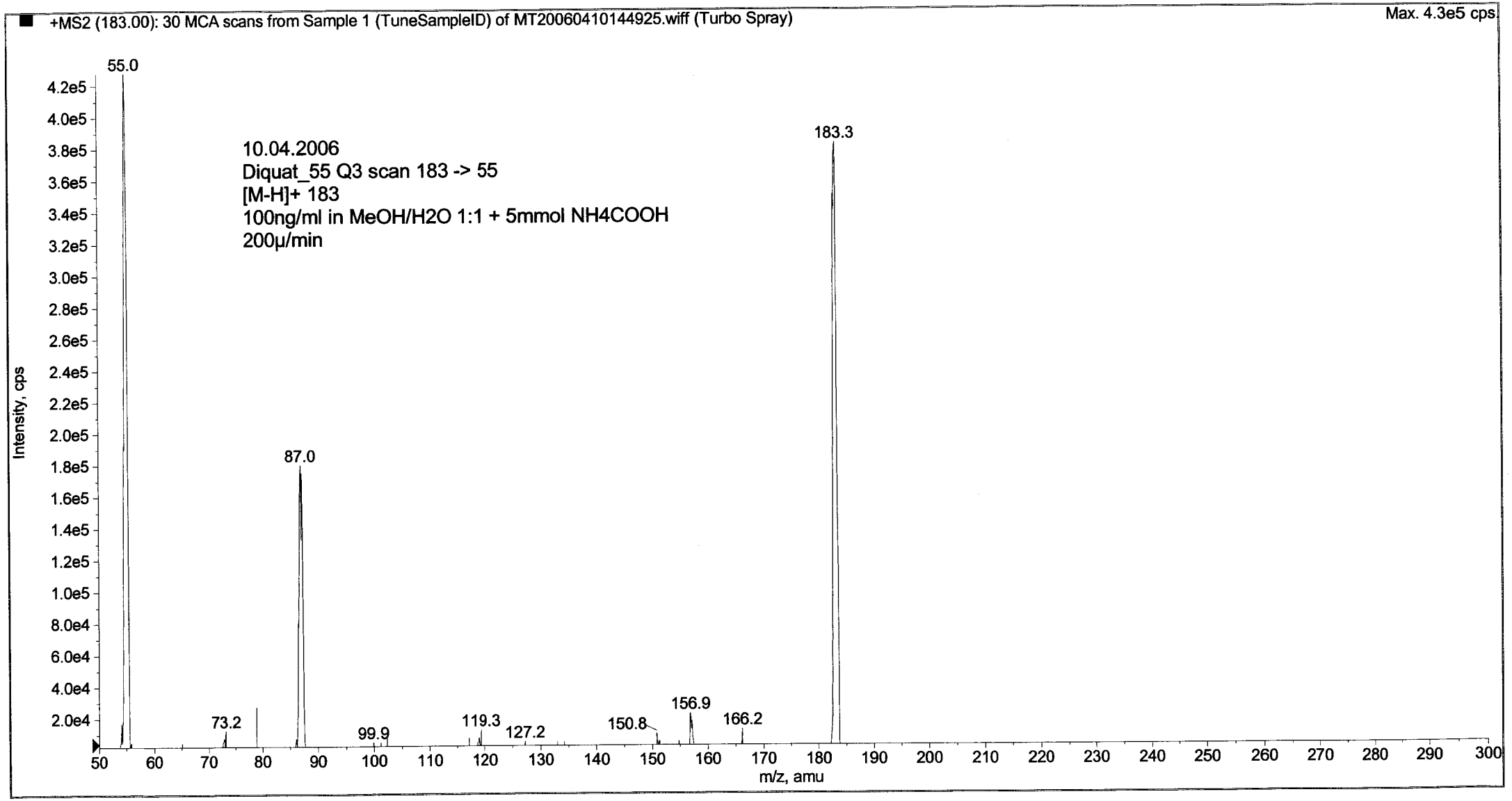

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Printing Date: Tuesday, April 11, 2006

Acq. Time: 09:05
Acq. Date: Tuesday, April 11, 2006
Acq. File: MT20060411090527.wiff

Sample Comment:
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