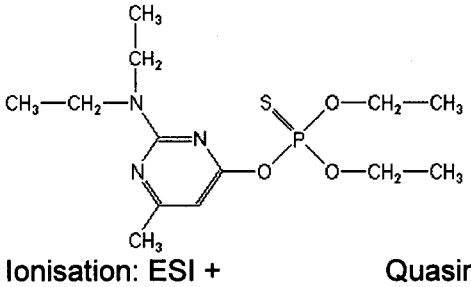
Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

Analyte: Pirimiphos-ethyl

CAS No.: 23505-41-1
Formula: C13H24N3O3PS
Molecular mass (lowest isotopes): 333,13 amu

Structure:



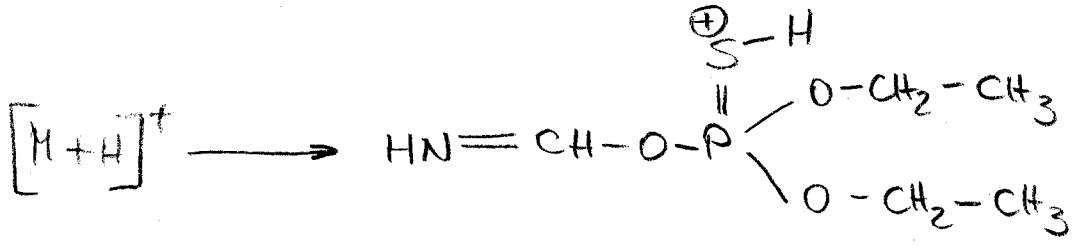
Ionisation: ESI + Quasimolecular ion: 334,1 amu = [M+H]+

Analyte sensitive parameter set (API 2000)

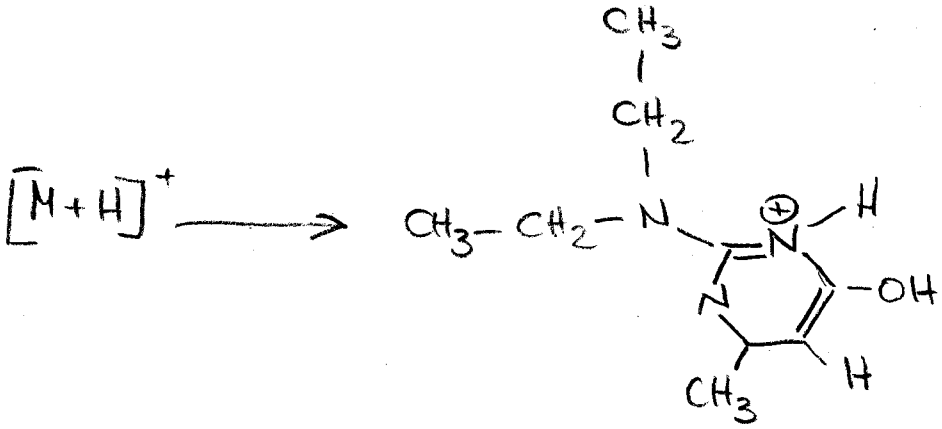
Transition	334,1 → 198,1	334,1 → 182,2
Declustering potential (DP)*)	21 V	21 V
Focusing potential (FP)	360 V	370 V
Entrance potential (EP)	10,5 V	10,5 V
Collision cell entrance potential (CEP)	20 V	20 V
Collision energy (CE)	29 V	27 V
Collision cell exit potential (CXP)	10 V	10 V

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

Fragmentation



m/z 198/200



m/z 182

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Printing Date: Wednesday, July 14, 2004

Acq. Time: 14:59
Acq. Date: Wednesday, July 14, 2004
Acq. File: MT20040714145951.wiff

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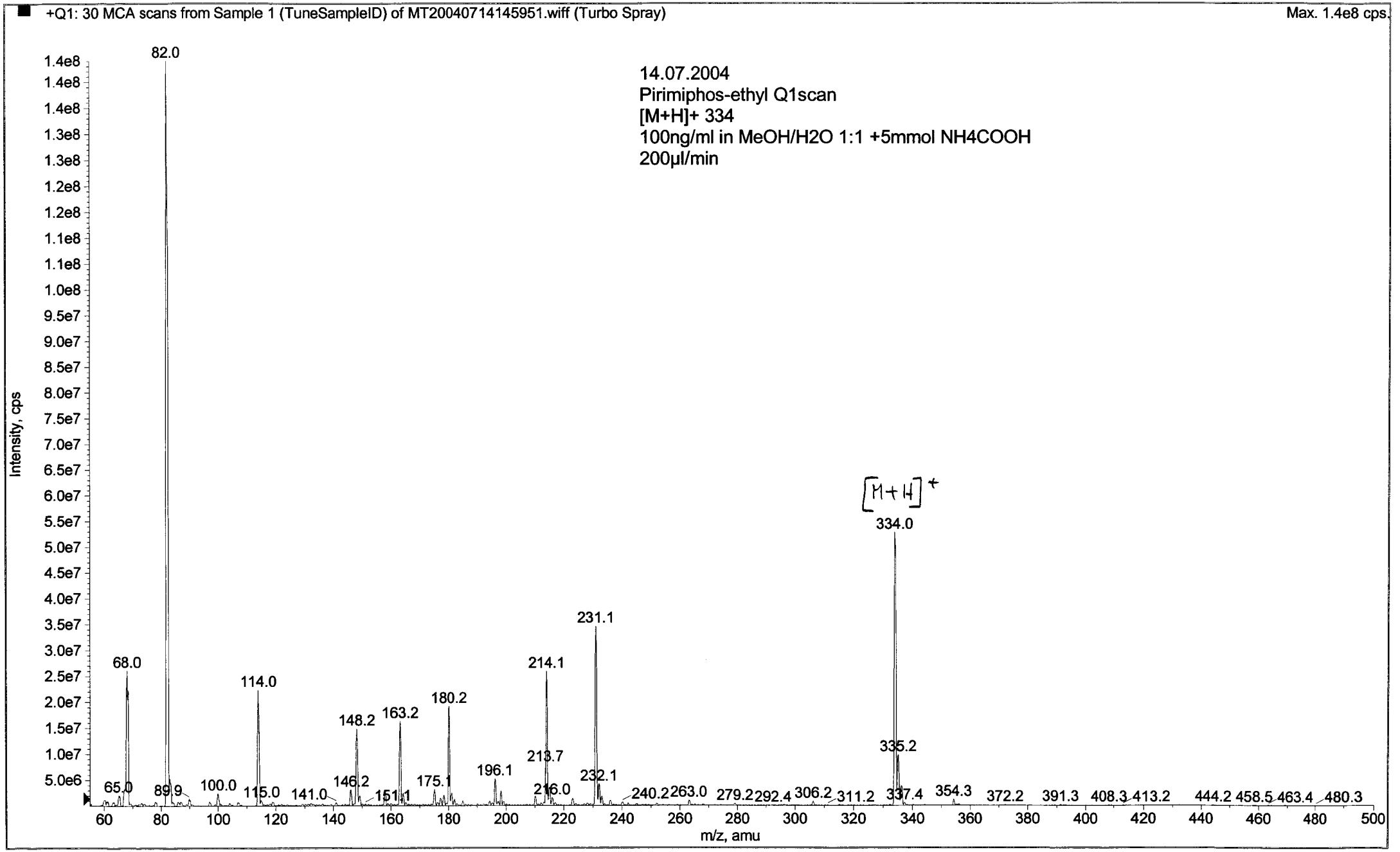
Batch Name: ManualTune.bat



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Acq Time: 15:02
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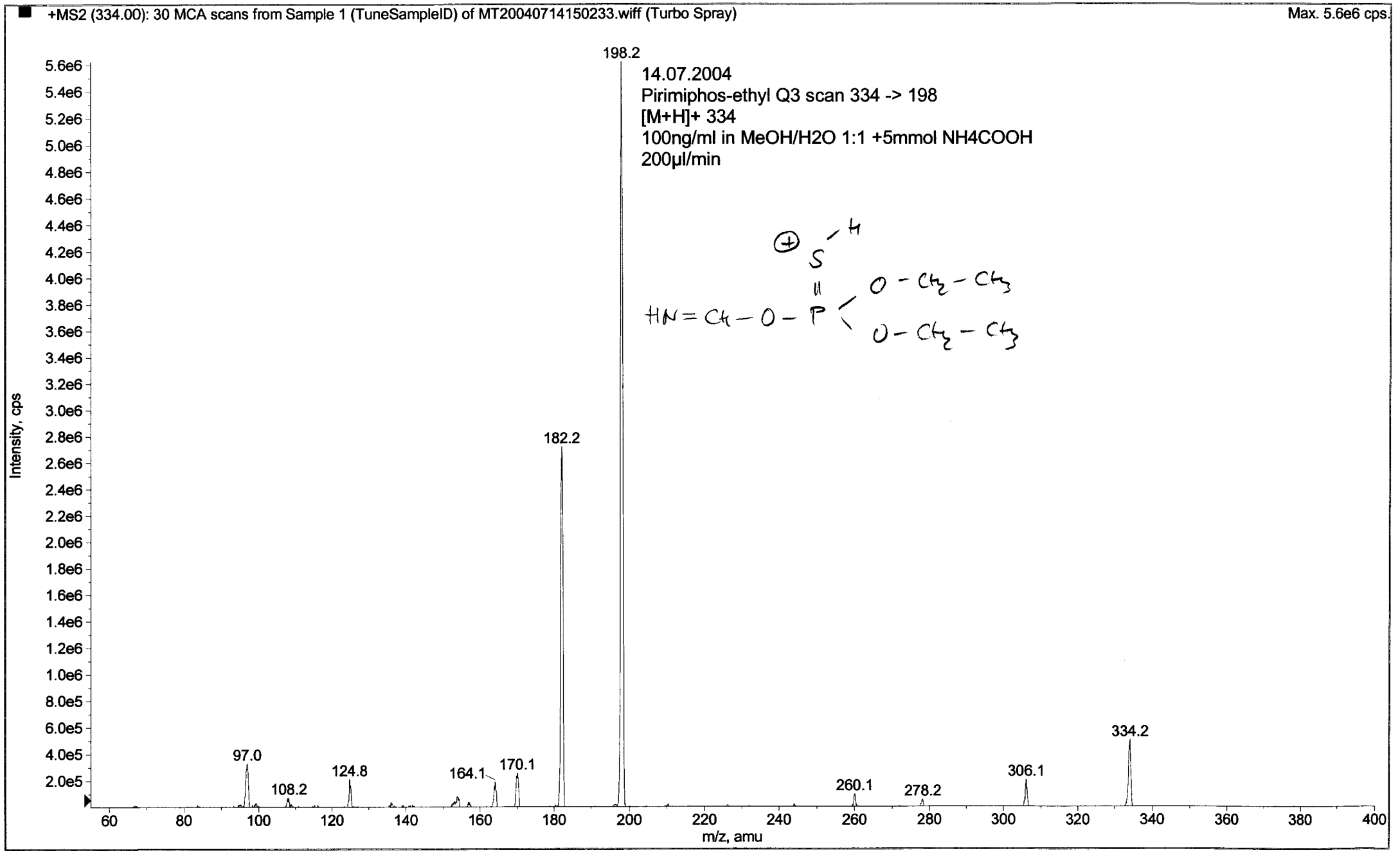
Batch Name: ManualTune.bat



Printing Time: 15:05:29
Printing Date: Wednesday, July 14, 2004

Acq. Time: 15:04
Acq. Date: Wednesday, July 14, 2004
Acq. File: MT20040714150421.wiff

Sample Comment:
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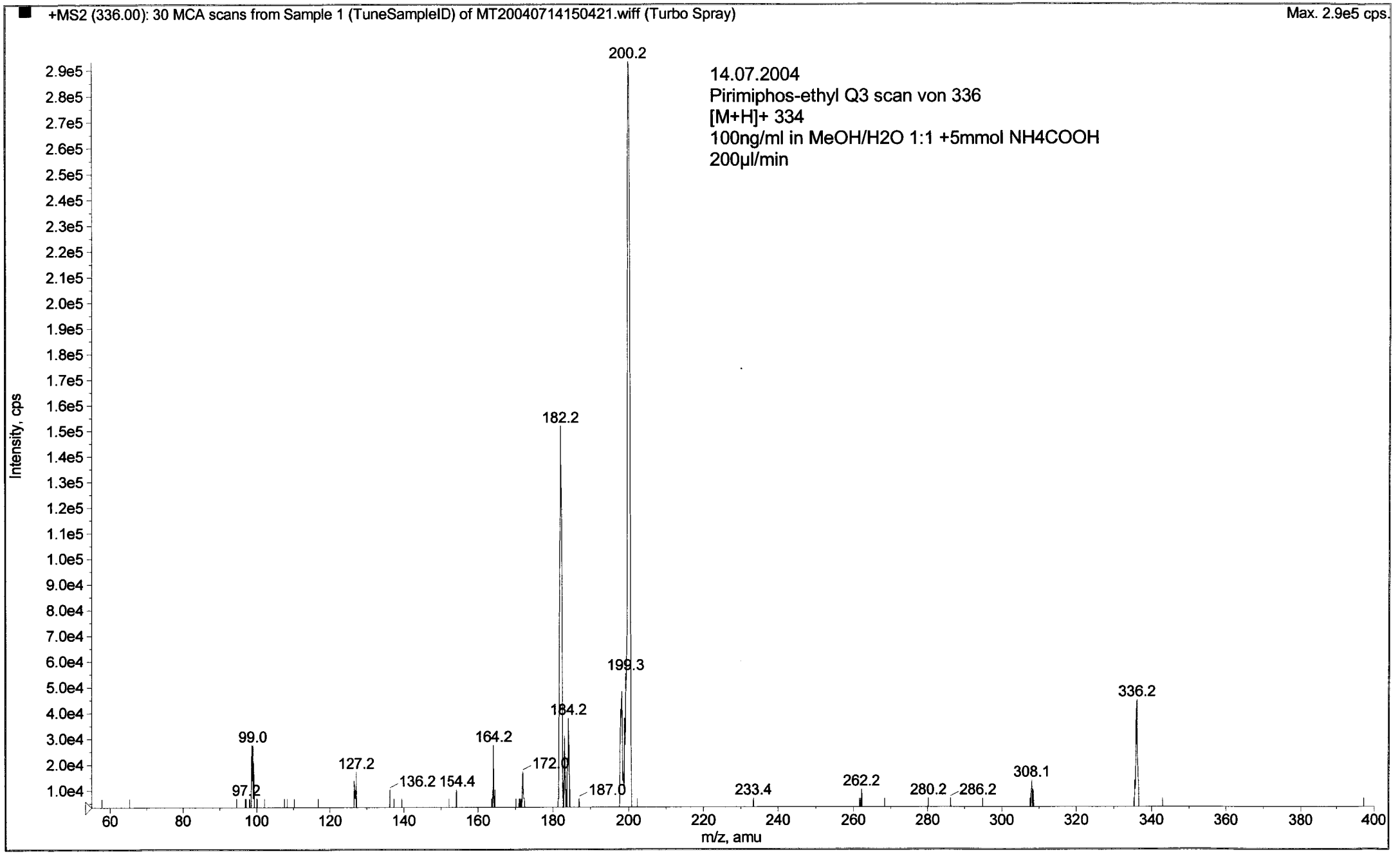

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Printing Date: Wednesday, July 14, 2004

Acq. Time: 15:15
Acq. Date: Wednesday, July 14, 2004
Acq. File: MT20040714151526.wiff

Sample Comment:
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Batch Name: ManualTune.bat