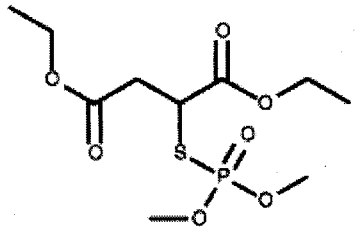
Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

Analyte: Malaoxon

CAS No.: 1634-78-2
Formula: C10H19O7PS
Molecular mass (lowest isotopes): 314,06 amu

Structure:



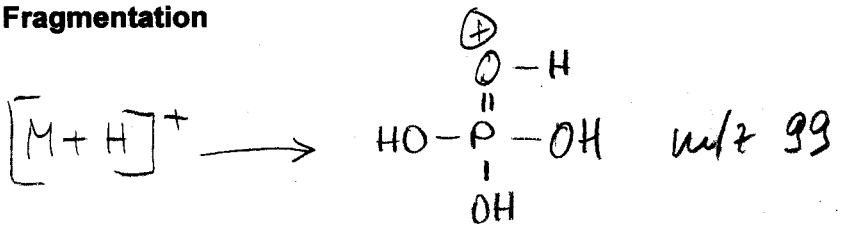
Ionisation: ESI + Quasimolecular ion: 315,0 amu = [M+H]+

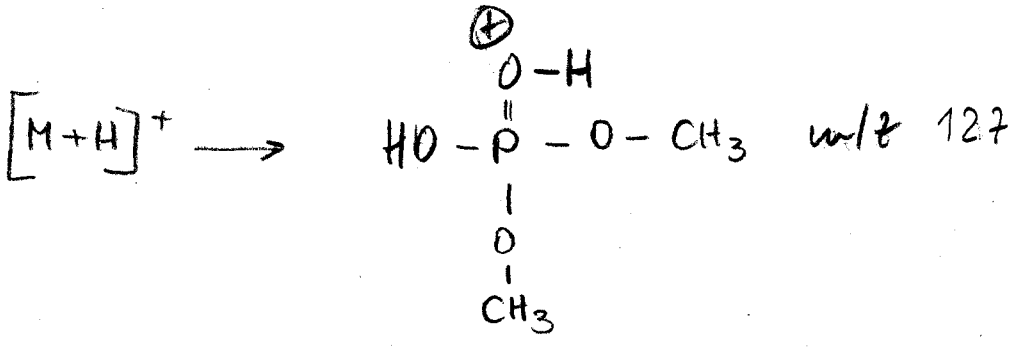
Analyte sensitive parameter set (API 2000)

Transition	315,0 → 127,1	315,0 → 99,2
Declustering potential (DP)*)	31 V	31 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)	17 V	31 V
Collision cell exit potential (CXP)	6 V	4 V

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

Fragmentation





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Printing Date: Monday, July 12, 2004

Acq. Time: 14:00
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Acq. ile: MT20040712140046.wiff

Sample Comment:
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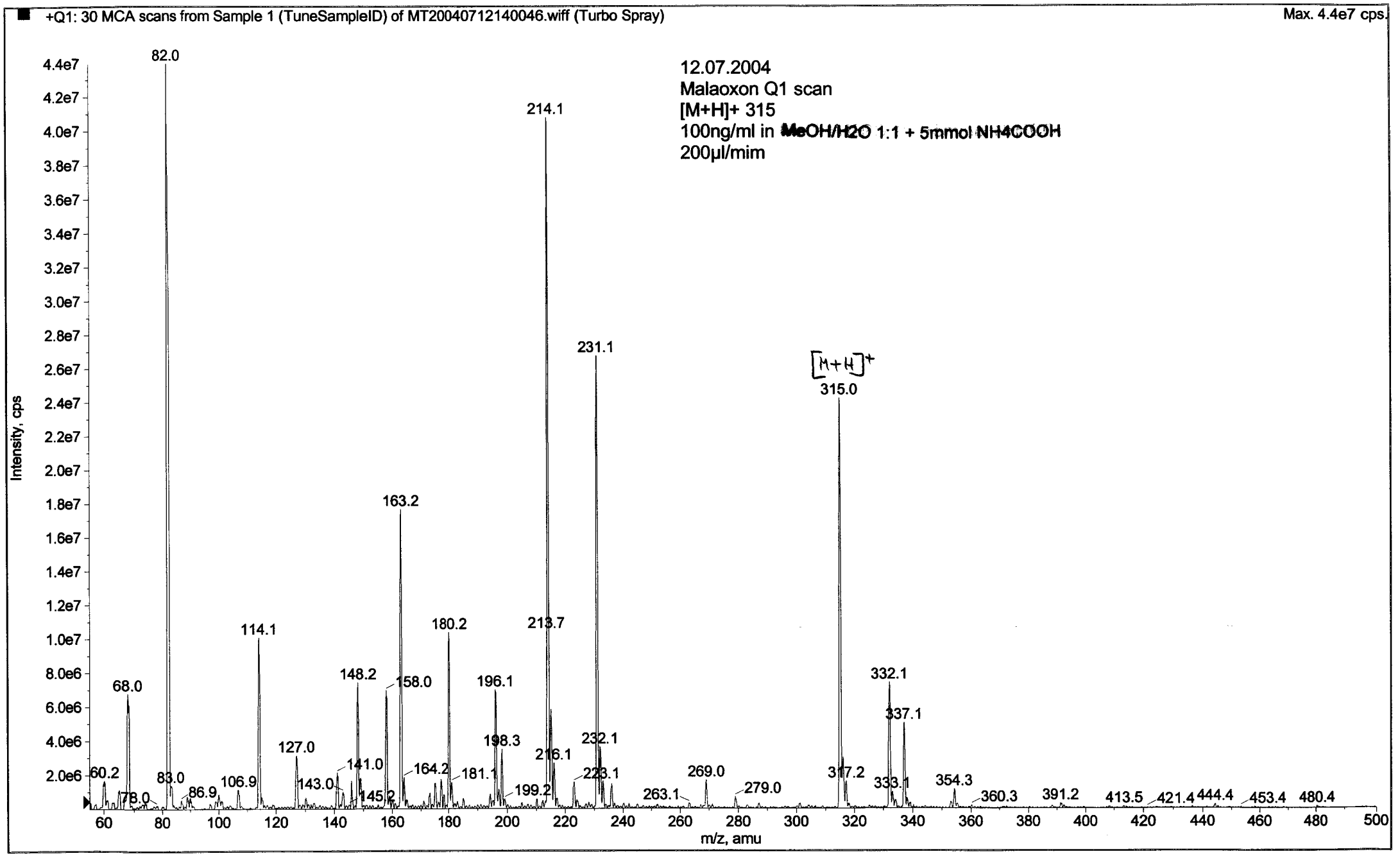
Batch Name: ManualTune.bat



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Printing Date: Monday, July 12, 2004

Acq. Time: 14:02
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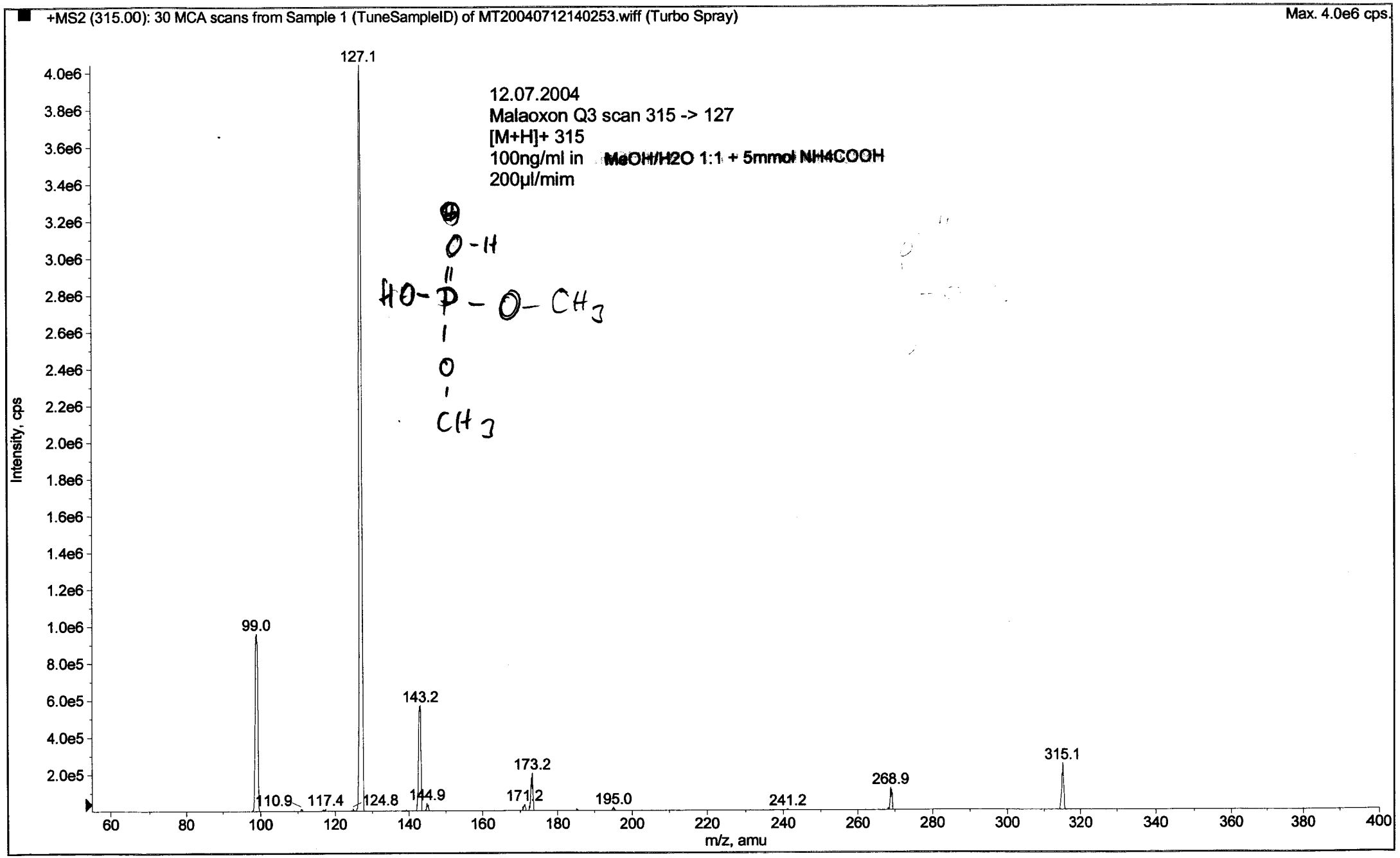
Acq. File: MT20040712140253.wiff

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

+MS2 (315.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040712140253.wiff (Turbo Spray)

Max. 4.0e6 cps.



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Printing Date: Monday, July 12, 2004

Acq. Time: 14:22
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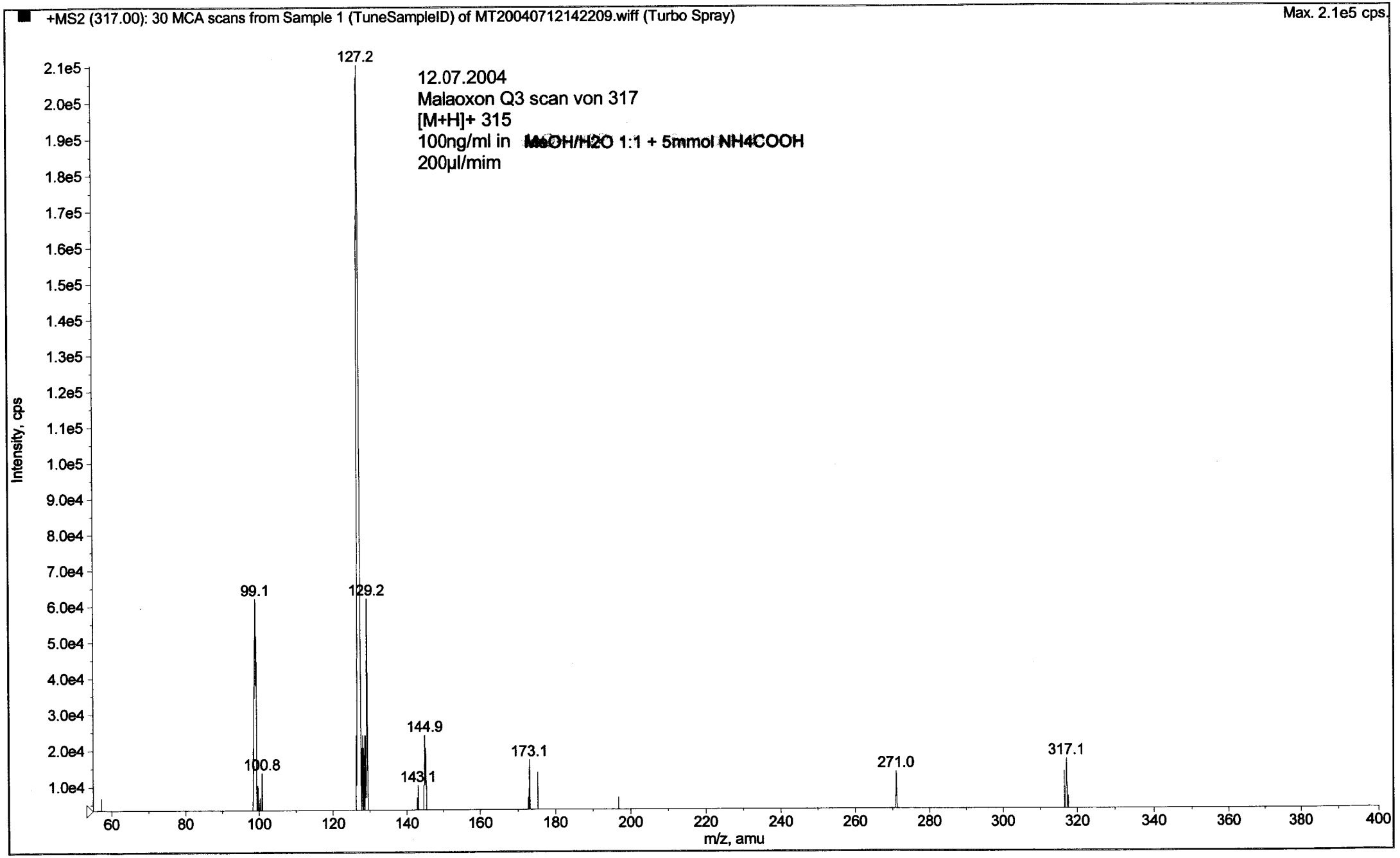
Acq. File: MT20040712142209.wiff

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



Printing Time: 14:11:30
Printing Date: Monday, July 12, 2004

Acq. Time: 14:10
Acq ate: Monday, July 12, 2004
Acq. File: MT20040712141021.wiff

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

+MS2 (315.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040712141021.wiff (Turbo Spray)

Max. 4.9e6 cps.