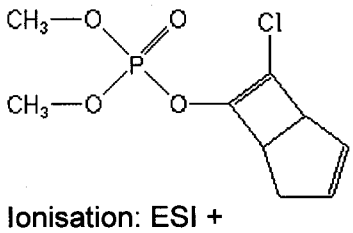
Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

Analyte: Heptenophos

CAS No.: 23560-59-0
Formula: C9H12ClO4P
Molecular mass (lowest isotopes): 250,02 amu

Structure:



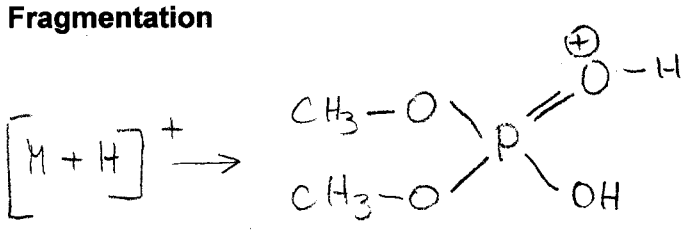
Ionisation: ESI + Quasimolecular ion: 251,0 amu = [M+H]+

Analyte sensitive parameter set (API 2000)

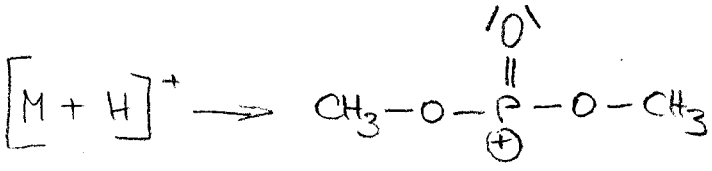
Transition	251,0 → 127,0	251,0 → 109,0
Declustering potential (DP)*)	31 V	31 V
Focusing potential (FP)	330 V	370 V
Entrance potential (EP)	10,0 V	12,0 V
Collision cell entrance potential (CEP)	16 V	18 V
Collision energy (CE)	19 V	37 V
Collision cell exit potential (CXP)	6 V	6 V

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

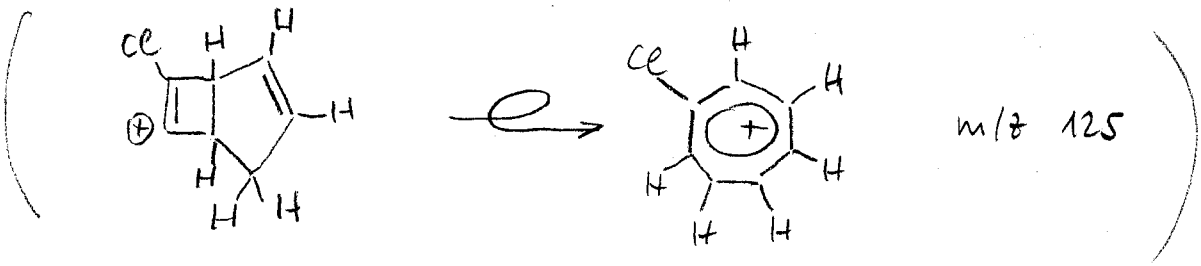
Fragmentation



m/z 127



m/z 109

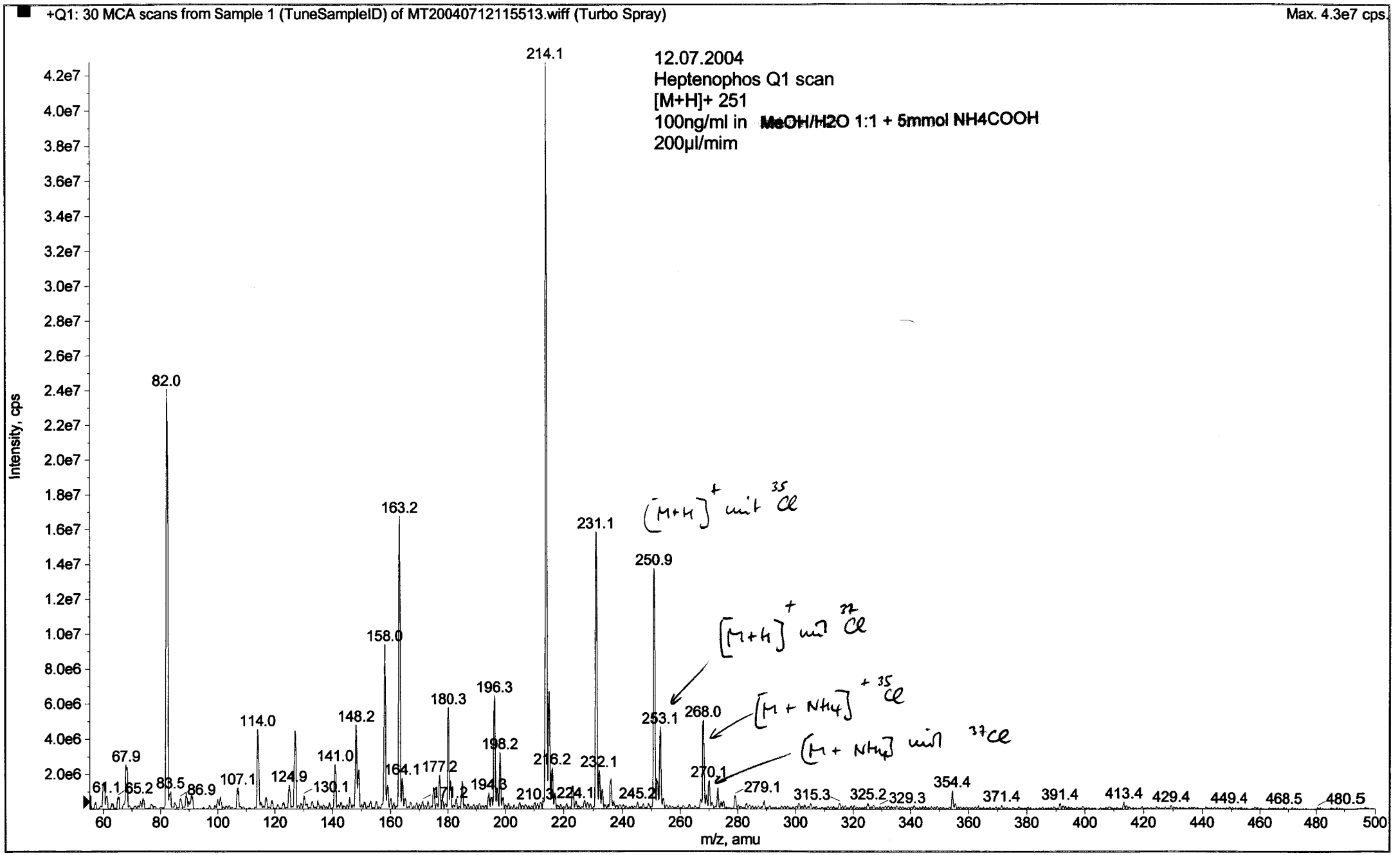


m/z 125

Printing Time: 11:56:42
Printing Date: Monday, July 12, 2004

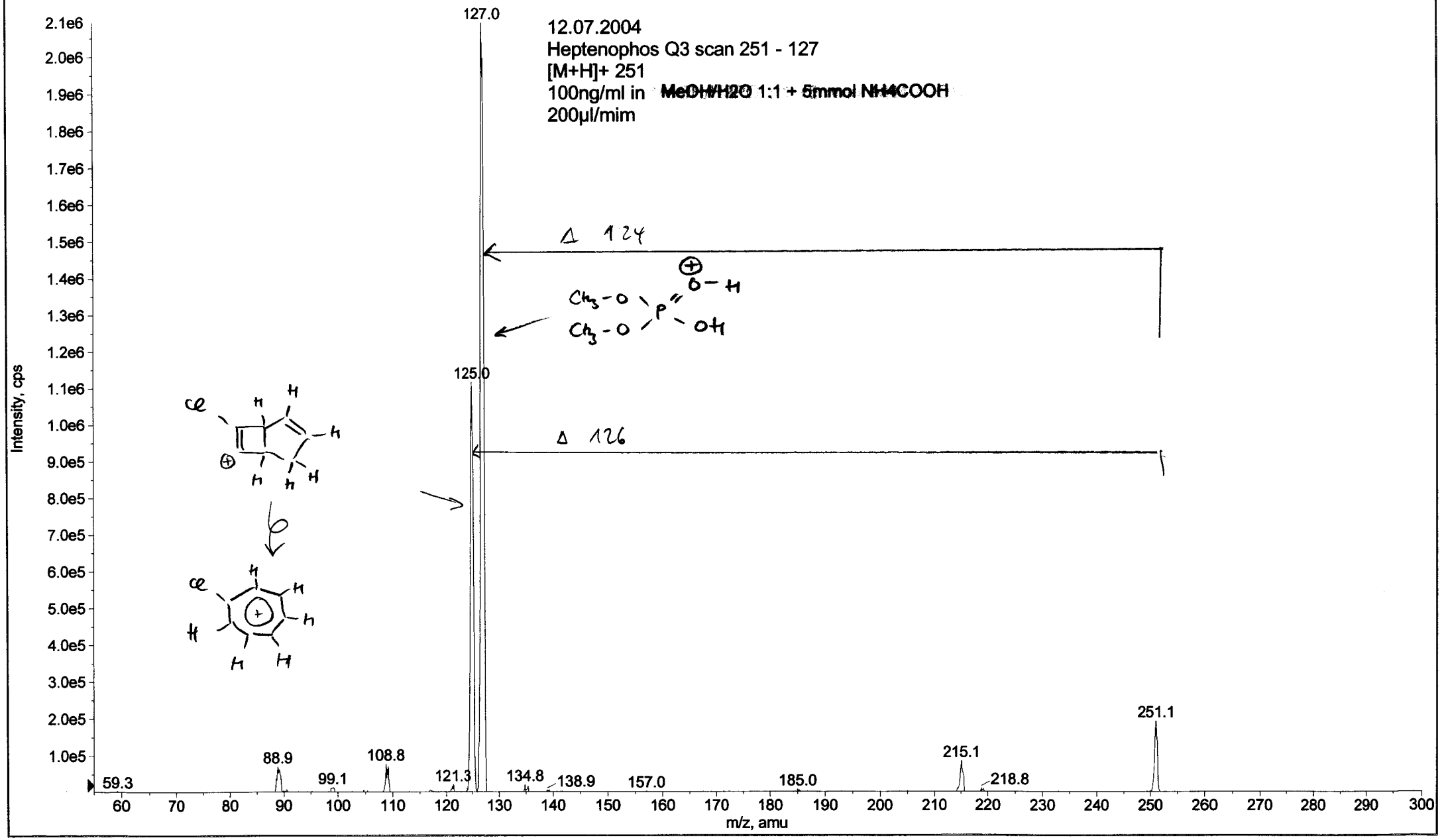
Acq. Time: 11:55
Acq. Date: Monday, July 12, 2004
Acq. File: MT20040712115513.wiff

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



+MS2 (251.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040712115727.wiff (Turbo Spray)

Max. 2.1e6 cps.



Printing Time: 11:59:48
Printing Date: Monday, July 12, 2004

Acq. Time: 11:58
Acq. Date: Monday, July 12, 2004
Acq. File: MT20040712115846.wiff

Sample Comment:
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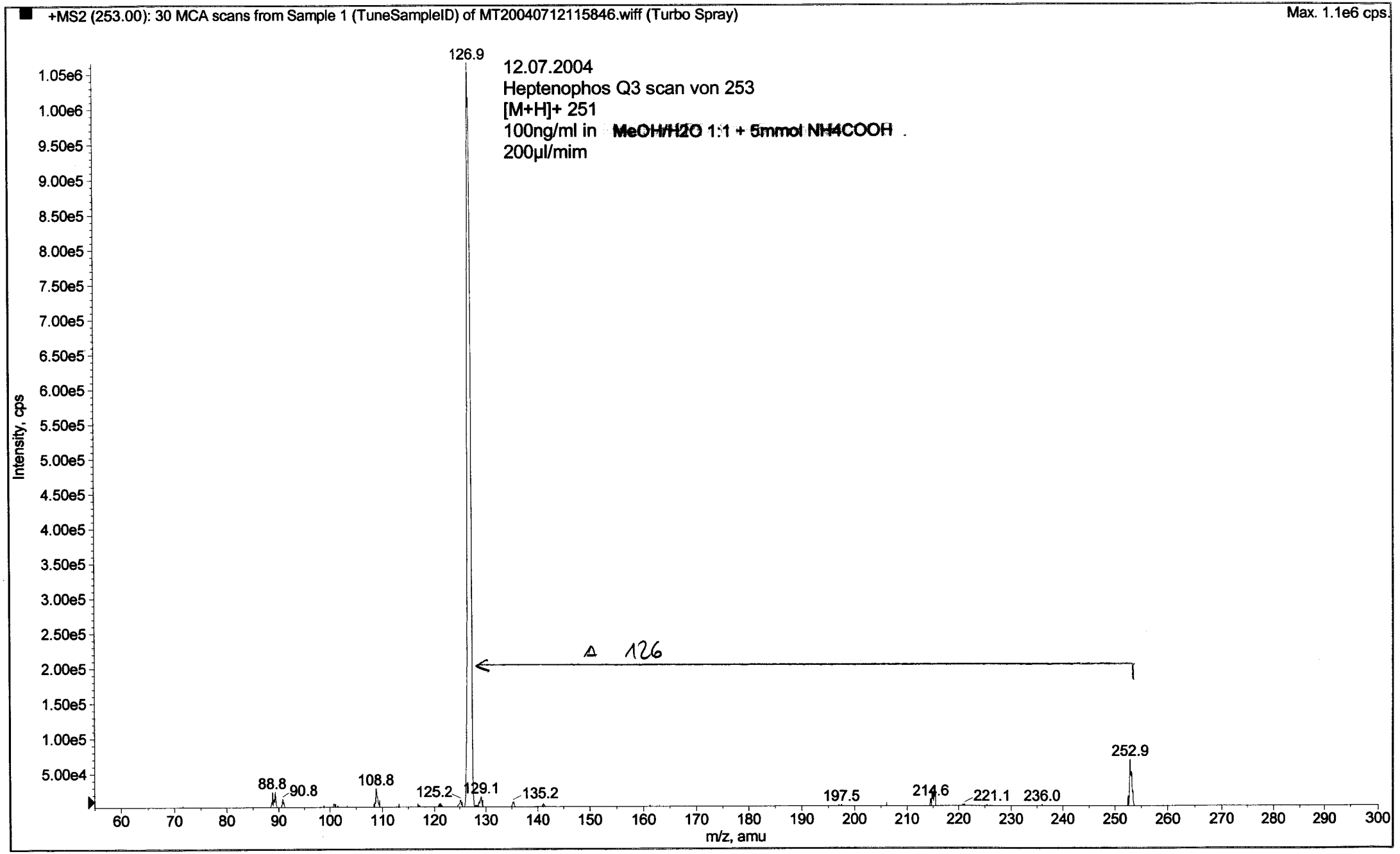
Batch Name: ManualTune.bat



Printing Time: 13:42:29
Printing Date: Monday, July 12, 2004

Acq. Time: 13:41
Acq te: Monday, July 12, 2004
Acq. ile: MT20040712134109.wiff

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

+MS2 (251.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040712134109.wiff (Turbo Spray)

Max. 7.5e5 cps.