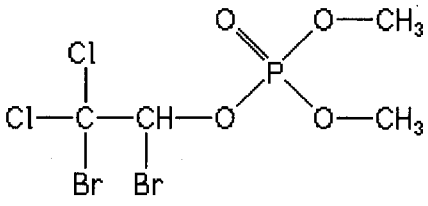
Risiken erkennen – Gesundheit schützen

# MS/MS Parameters of Pesticides

## Analyte: Naled

CAS No.: 300-76-5
Formula: C4H7Br2Cl2O4P
Molecular mass (lowest isotopes): 377,78 amu

Structure:



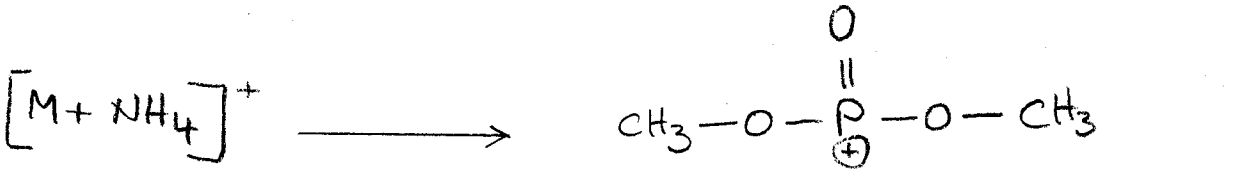
Ionisation: ESI + Quasimolecular ion: 397,7 amu = [M+NH4]+

Analyte sensitive parameter set (API 2000)

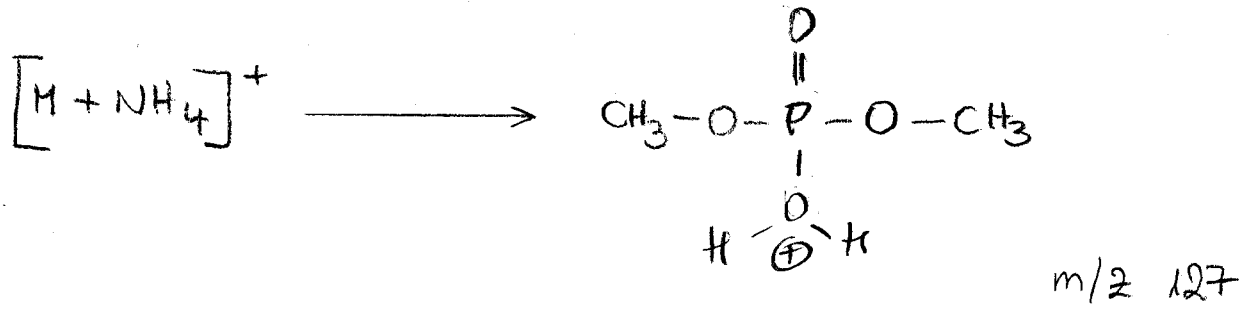
| Transition | 397,7 → 127,1 | 397,7 → 108,9 |
|---|---|---|
| Declustering potential (DP)*) | 1 V | 1 V |
| Focusing potential (FP) | 370 V | 370 V |
| Entrance potential (EP) | 7,5 V | 9,0 V |
| Collision cell entrance potential (CEP) | 22 V | 24 V |
| Collision energy (CE) | 25 V | 53 V |
| Collision cell exit potential (CXP) | 6 V | 6 V |

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

**Fragmentation**



m/z 109



m/z 127

Printing Time: 8:46:28
Printing Date: Wednesday, August 04, 2004

Acq Time: 08:42
Acq Date: Wednesday, August 04, 2004
Acq. File: MT20040804084251.wiff

Sample Comment:
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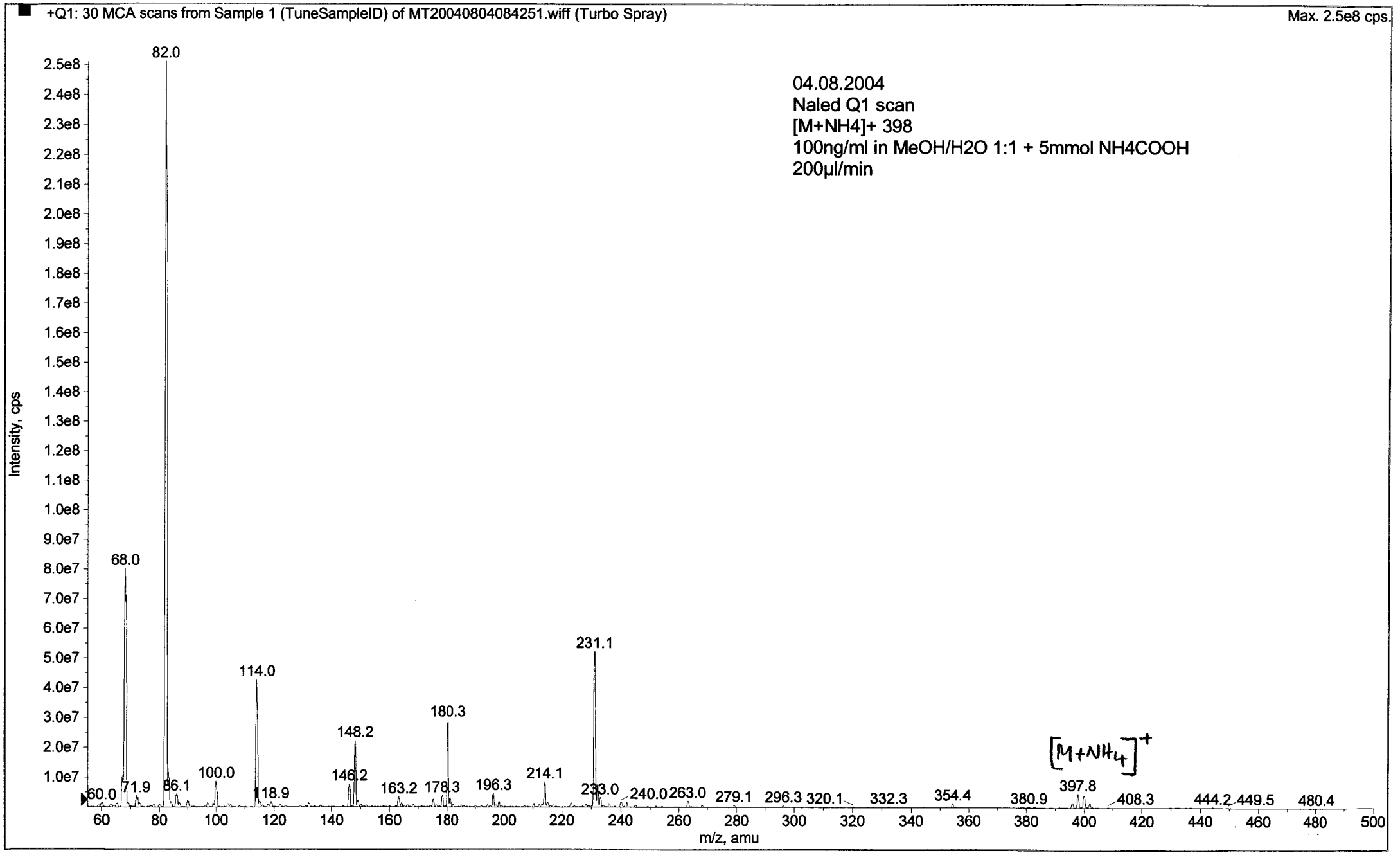
Batch Name: ManualTune.bat



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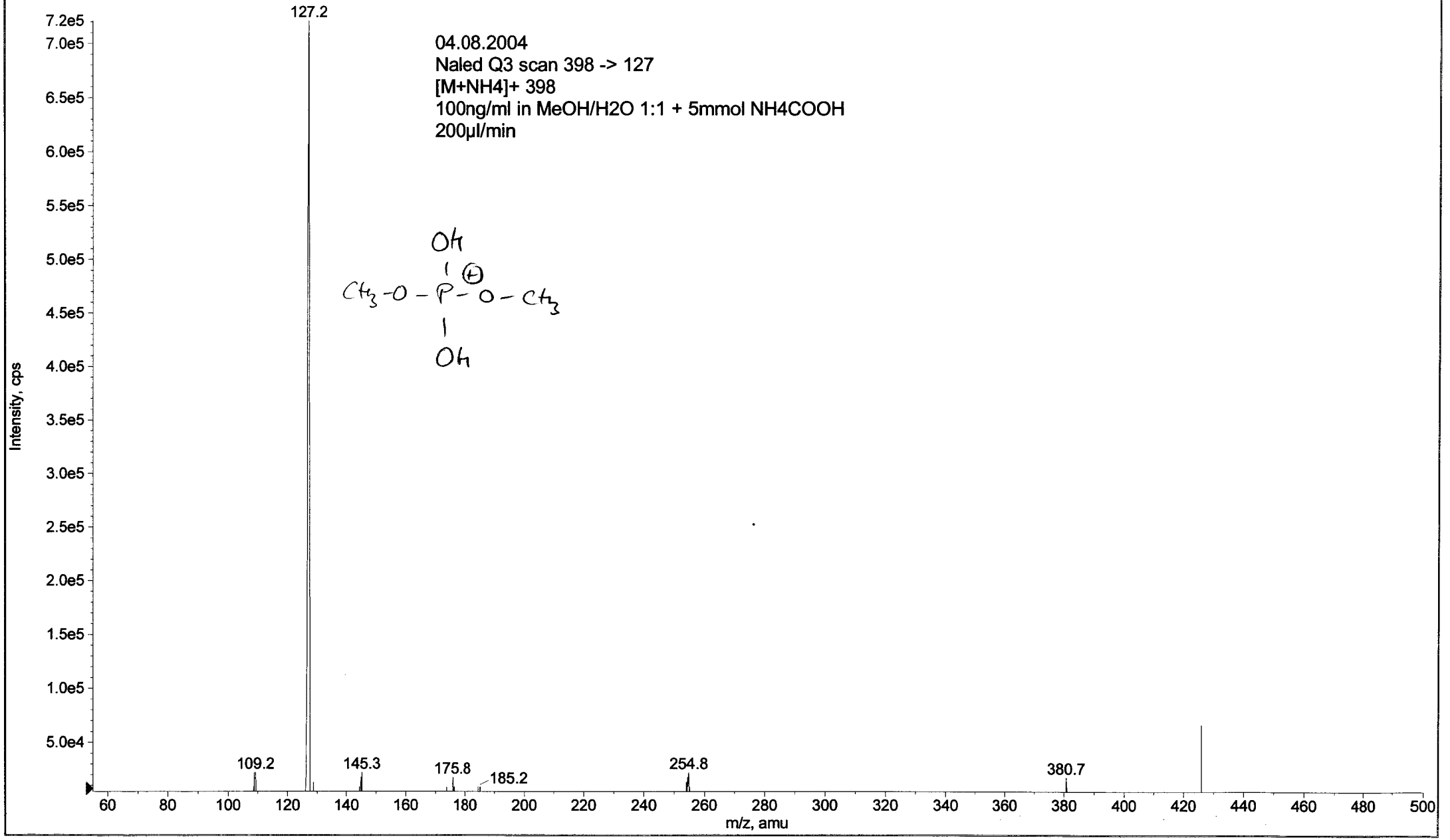
Printing Date: Wednesday, August 04, 2004

Acq Time: 08:47
Acq Date: Wednesday, August 04, 2004
Acq. File: MT20040804084714.wiff

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

+MS2 (398.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040804084714.wiff (Turbo Spray)

Max. 7.2e5 cps.



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Acq. Time: 08:49
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Acq. File: MT20040804084912.wiff

Sample Comment:
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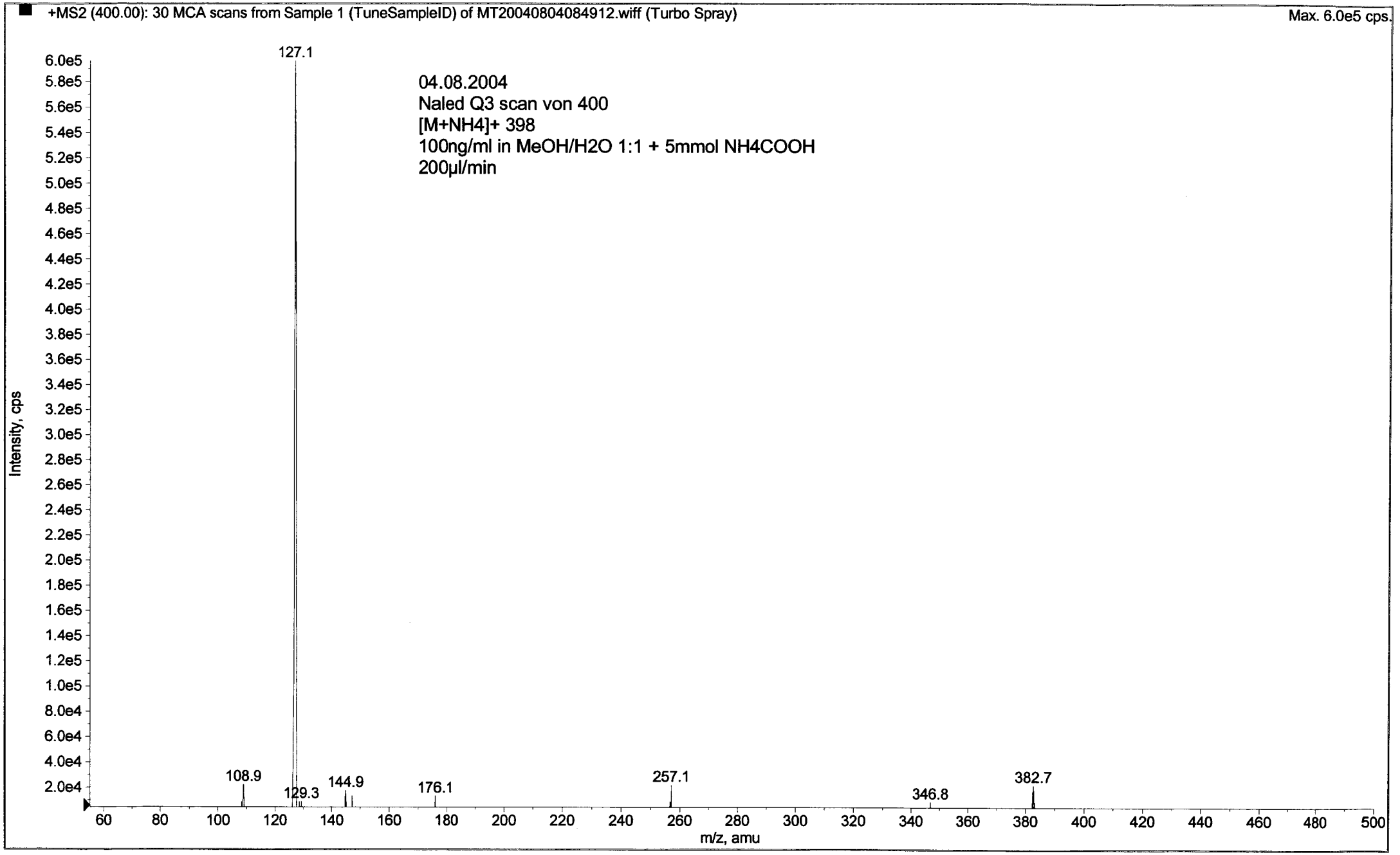
Batch Name: ManualTune.bat



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Printing Date: Wednesday, August 04, 2004

Acq. Time: 08:59
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Sample Comment:
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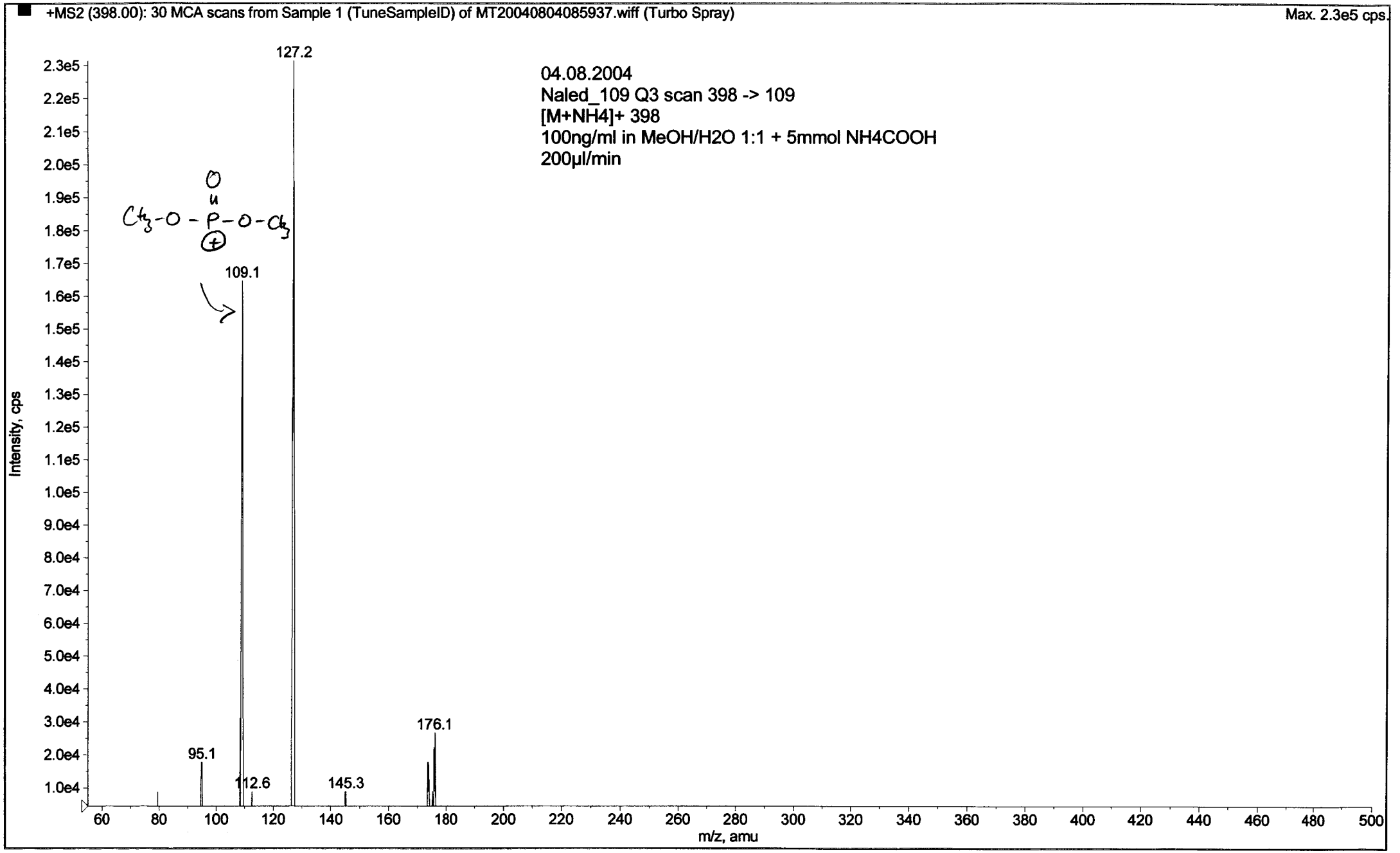
Batch Name: ManualTune.bat



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Printing Date: Wednesday, August 04, 2004

Acq. Time: 09:01
Acq. Date: Wednesday, August 04, 2004
Acq. File: MT20040804090107.wiff

Sample Comment:
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Batch Name: ManualTune.bat