User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/26/2002 Time: 08:51:14

Sample: AE00894
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/26/02 08:50 Ended: 2/26/02 08:50 Analyst: DLV
Result source: manual entry
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | Other unknown compounds | | . | | |
| 2 | Surr_2,4-DDD | | 111 | | 5.0 |

**Comments for Sample AE00894 - Analysis $GCMS**

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-26-2002 Time: 08:50:35

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB1102\894.D Vial: 41
Acq On : 13 Feb 2002 3:03 am Operator: 209 GALOS
Sample : GC/MS SCAN 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 13 3:52 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 12.34 | 152 | 235904 | 20.00 | ug/l | -0.01 |
| 10) Naphthalene-d8 | 15.99 | 136 | 896960 | 20.00 | ug/l | -0.01 |
| 17) Acenaphthene-d10 | 21.30 | 164 | 470322 | 20.00 | ug/l | -0.01 |
| 29) Phenanthrene-d10 | 25.75 | 188 | 695866 | 20.00 | ug/l | -0.01 |
| 38) Chrysene-d12 | 33.82 | 240 | 493119 | 20.00 | ug/l | -0.02 |
| 44) Perylene-d12 | 38.11 | 264 | 307939 | 20.00 | ug/l | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 37) 2,4-DDD | 30.83 | 235 | 47869 | 5.53 | ug/mL | 0.33 |
| Spiked Amount 5.000 | | | Recovery = 110.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) N-nitroso-dimethyl amine | 0.00 | 74 | 0 | N.D. | | |
| 3) bis(2-Chloroethyl)ether | 0.00 | 93 | 0 | N.D. | | |
| 4) 1,3-Dichlorobenzene | 0.00 | 146 | 0 | N.D. | | |
| 5) 1,4-Dichlorobenzene | 0.00 | 146 | 0 | N.D. | | |
| 6) 1,2-Dichlorobenzene | 0.00 | 146 | 0 | N.D. | | |
| 7) 2,2'-oxybis(1-Chloropropan | 0.00 | 45 | 0 | N.D. | | |
| 8) N-Nitroso-di-n-propylamine | 0.00 | 70 | 0 | N.D. | | |
| 9) Hexachloroethane | 0.00 | 117 | 0 | N.D. | | |
| 11) Nitrobenzene | 0.00 | 77 | 0 | N.D. | | |
| 12) Isophorone | 0.00 | 82 | 0 | N.D. | | |
| 13) bis(2-Chloroethoxy)methane | 0.00 | 93 | 0 | N.D. | | |
| 14) 1,2,4-Trichlorobenzene | 0.00 | 180 | 0 | N.D. | | |
| 15) Naphthalene | 0.00 | 128 | 0 | N.D. | | |
| 16) Hexachlorobutadiene | 0.00 | 225 | 0 | N.D. | | |
| 18) Hexachlorocyclopentadiene | 0.00 | 237 | 0 | N.D. | | |
| 19) 2-Chloronaphthalene | 0.00 | 162 | 0 | N.D. | | |
| 20) Dimethylphthalate | 0.00 | 163 | 0 | N.D. | | |
| 21) 2,6-Dinitrotoluene | 0.00 | 165 | 0 | N.D. | | |
| 22) Acenaphthylene | 0.00 | 152 | 0 | N.D. | | |
| 23) Acenaphthene | 0.00 | 153 | 0 | N.D. | | |
| 24) 2,4-Dinitrotoluene | 0.00 | 165 | 0 | N.D. | | |
| 25) Diethylphthalate | 0.00 | 149 | 0 | N.D. | | |
| 26) 4-Chlorophenyl-phenylether | 0.00 | 204 | 0 | N.D. | | |
| 27) Fluorene | 0.00 | 166 | 0 | N.D. | | |
| 28) Azobenzen/ 1,2-Diphenylhyd | 0.00 | 77 | 0 | N.D. | | |

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB1102\894.D Vial: 41
Acq On : 13 Feb 2002 3:03 am Operator: 209 GALOS
Sample : GC/MS SCAN 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 13 3:52 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

| | Compound | R.T. | QIon | Response | Conc Unit | Qvalue |
|---|---|---|---|---|---|---|
| 30) | N-Nitrosodiphenylamine | 0.00 | 168 | 0 | N.D. | |
| 31) | 4-Bromophenyl-phenylether | 0.00 | 248 | 0 | N.D. | |
| 32) | Hexachlorobenzene | 0.00 | 284 | 0 | N.D. | |
| 33) | Phenanthrene | 0.00 | 178 | 0 | N.D. | |
| 34) | Anthracene | 0.00 | 178 | 0 | N.D. | |
| 35) | Di-n-butylphthalate | 27.72 | 149 | 1760 | N.D. | |
| 36) | Fluoranthene | 0.00 | 202 | 0 | N.D. | |
| 39) | Pyrene | 0.00 | 202 | 0 | N.D. | |
| 40) | Butylbenzylphthalate | 0.00 | 149 | 0 | N.D. | |
| 41) | Benzo(a)anthracene | 33.83 | 228 | 1112 | N.D. | |
| 42) | Bis(2-ethylhexyl)phthalate | 34.03 | 149 | 478 | N.D. | |
| 43) | Chrysene | 33.83 | 228 | 1112 | N.D. | |
| 45) | Di-n-Octylphthalate | 0.00 | 149 | 0 | N.D. | |
| 46) | Benzo(b)fluoranthene | 0.00 | 252 | 0 | N.D. | |
| 47) | Benzo(k)fluoranthene | 0.00 | 252 | 0 | N.D. | |
| 48) | Benzo(a)pyrene | 38.10 | 252 | 1266 | N.D. | |
| 49) | Indeno(1,2,3-cd)pyrene | 0.00 | 276 | 0 | N.D. | |
| 50) | Dibenz(a,h)anthracene | 0.00 | 278 | 0 | N.D. | |
| 51) | Benzo(g,h,i)perylene | 0.00 | 276 | 0 | N.D. | |

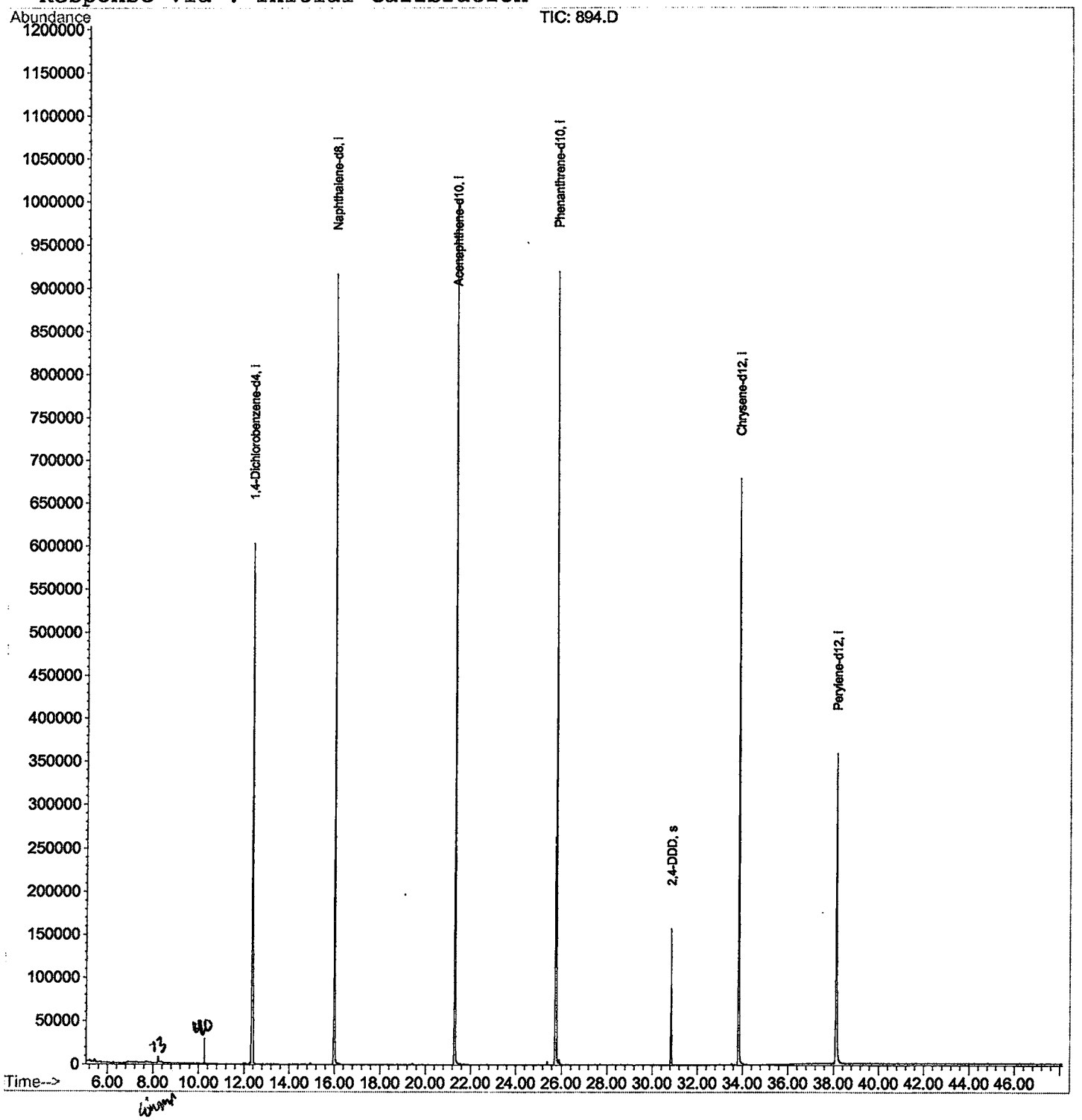
(#) = qualifier out of range (m) = manual integration

# Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB1102\894.D
Acq On : 13 Feb 2002 3:03 am
Sample : GC/MS SCAN 1/14
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 13 3:52 2002

Vial: 41
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration



# LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB1102\894.D  Vial: 41
Acq On : 13 Feb 2002 3:03 am  Operator: 209 GALOS
Sample : GC/MS SCAN 1/14  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Smoothing : OFF  Filtering: 5
Sampling : 1  Min Area: 1 % of largest Peak
Start Thrs: 0.2  Max Peaks: 100
Stop Thrs : 0  Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

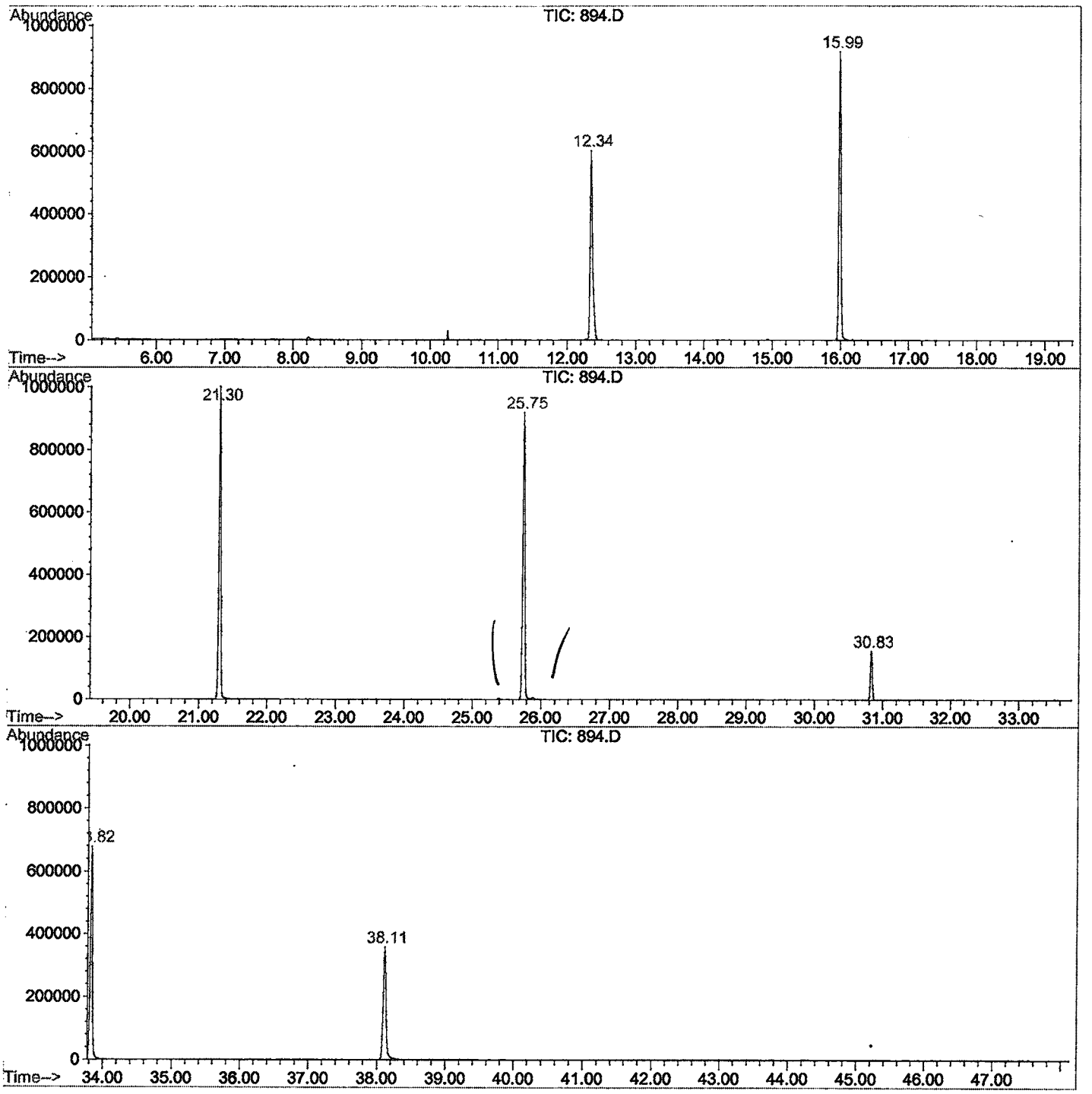
| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 12.342 | 790 | 795 | 808 | rVB | 602612 | 1508981 | 77.12% | 14.962% |
| 2 | 15.987 | 1186 | 1192 | 1205 | rBV | 916082 | 1857326 | 94.93% | 18.416% |
| 3 | 21.302 | 1765 | 1771 | 1790 | rBV | 1002778 | 1956602 | 100.00% | 19.401% |
| 4 | 25.755 | 2249 | 2256 | 2267 | rBV | 919297 | 1930381 | 98.66% | 19.141% |
| 5 | 30.831 | 2804 | 2809 | 2816 | rBV | 157062 | 295898 | 15.12% | 2.934% |
| 6 | 33.824 | 3128 | 3135 | 3150 | rBV | 678252 | 1499915 | 76.66% | 14.872% |
| 7 | 38.111 | 3593 | 3602 | 3614 | rBV | 357253 | 1036200 | 52.96% | 10.274% |

Sum of corrected areas: 10085303

894.D GCMS0208.M Wed Feb 20 09:49:24 2002

# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1102\894.D
Operator : 209 GALOS
Acquired : 13 Feb 2002 3:03 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 1/14
Misc Info :
Vial Number: 41
Quant File :GCMS0208.RES (RTE Integrator)




894.D GCMS0208.M Wed Feb 20 09:49:29 2002

# Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 13 Feb 2002 3:03 am
Data File: C:\HPCHEM\1\DATA\FEB1102\894.D
Name: GC/MS SCAN 1/14
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

| TIC Top Hit name | RT | EstConc | Units | Area | IntStd | ISRT | ISArea | ISConc |
|---|---|---|---|---|---|---|---|---|

894.D GCMS0208.M Wed Feb 20 09:49:34 2002