User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/07/2002 Time: 10:36:41

Sample: AE12279
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/7/02 10:36 Ended: 6/7/02 10:36 Analyst: DLV
Page: 1

| | Component Name | Vial | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | Other unknown compounds | | . | | |
| 2 | Surr_2,4-DDD | | 78 | | 10.0 |

**Comments for Sample AE12279 - Analysis $GCMS**

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-07-2002 Time: 10:37:09

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\JUN0302\12279.D Vial: 7
Acq On : 3 Jun 2002 3:05 pm Operator:
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 3 15:55 2002 Quant Results File: GCMS0531.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0531

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 12.06 | 152 | 540638 | 40.00 | ug/l | -0.01 |
| 10) Naphthalene-d8 | 15.69 | 136 | 2180598 | 40.00 | ug/l | -0.02 |
| 17) Acenaphthene-d10 | 21.00 | 164 | 1021483 | 40.00 | ug/l | 0.00 |
| 30) Phenanthrene-d10 | 25.43 | 188 | 1582629 | 40.00 | ug/l | 0.00 |
| 38) Chrysene-d12 | 33.47 | 240 | 929411 | 40.00 | ug/l | -0.03 |
| 44) Perylene-d12 | 37.66 | 264 | 565235 | 40.00 | ug/l | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 28) TCMX | 23.14 | 209 | 220179 | 31.16 | ug/L | -0.01 |
| Spiked Amount 40.000 | | | Recovery = 77.90% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) N-nitrosodimethylamine | 0.00 | 74 | 0 | N.D. | | |
| 3) bis(2-Chloroethyl)ether | 0.00 | 93 | 0 | N.D. | | |
| 4) 1,3-Dichlorobenzene | 12.06 | 146 | 451 | N.D. | | |
| 5) 1,4-Dichlorobenzene | 12.06 | 146 | 451 | 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-Nitrosodi-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 | 15.76 | 128 | 509 | 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. | 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 | 22.48 | 149 | 871 | N.D. | | |
| 26) 4-Chlorophenylphenylether | 23.14 | 204 | 1302 | N.D. | | |
| 27) Fluorene | 0.00 | 166 | 0 | N.D. | | |
| 29) Azobenzene | 0.00 | 77 | 0 | N.D. | | |
| 31) N-Nitrosodiphenylamine | 23.14 | 168 | 495 | N.D. | | |
| 32) 4-Bromophenylphenylether | 0.00 | 248 | 0 | N.D. | | |
| 33) Hexachlorobenzene | 0.00 | 284 | 0 | N.D. | | |
| 34) Phenanthrene | 25.49 | 178 | 224 | N.D. | | |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JUN0302\12279.D Vial: 7
Acq On : 3 Jun 2002 3:05 pm Operator:
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 3 15:55 2002 Quant Results File: GCMS0531.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0531

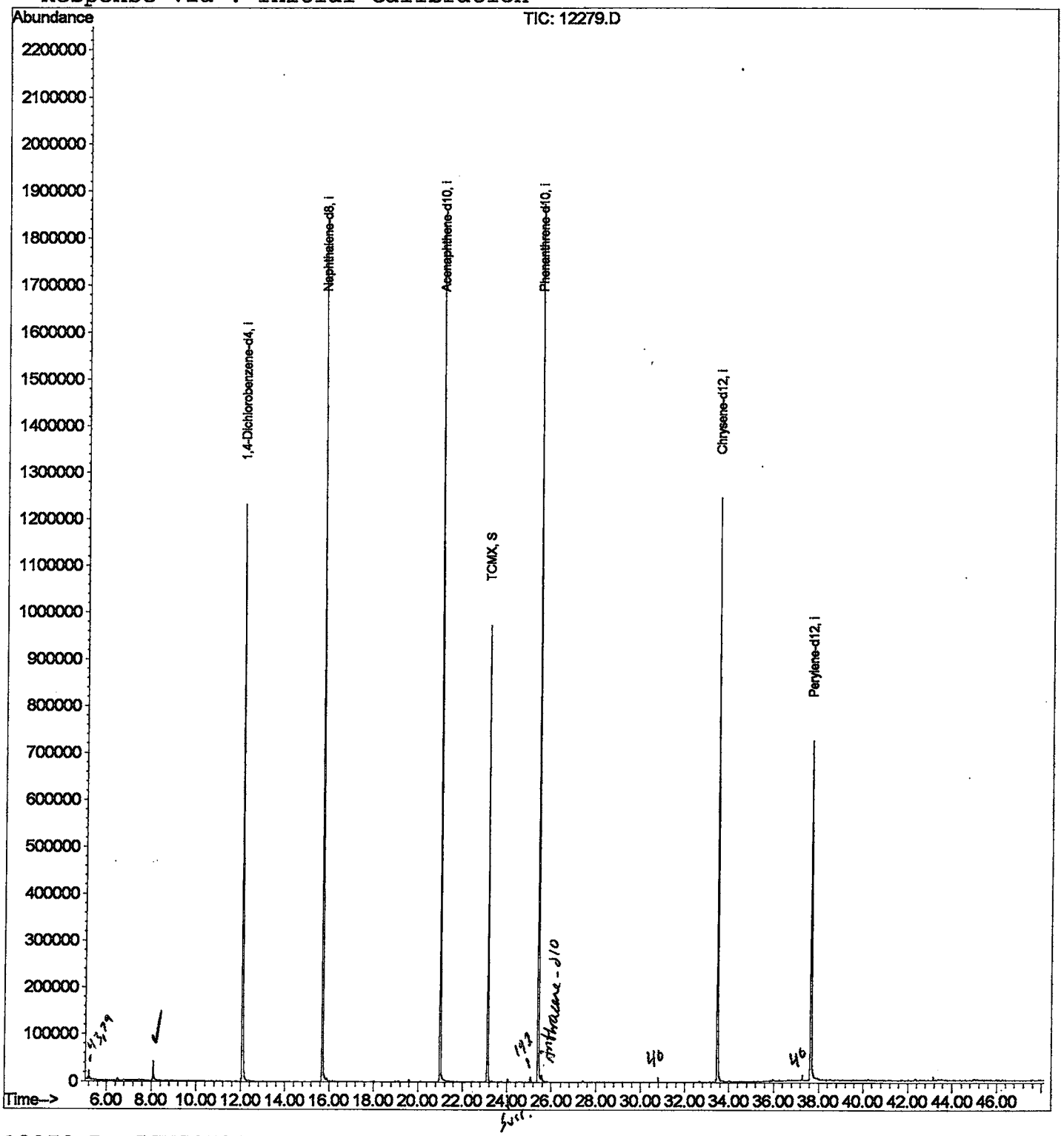
| | Compound | R.T. | QIon | Response | Conc Unit | Qvalue |
|---|---|---|---|---|---|---|
| 35) | Anthracene | 25.49 | 178 | 224 | N.D. | |
| 36) | Di-n-butylphthalate | 27.41 | 149 | 4505 | N.D. | |
| 37) | Fluoranthene | 29.13 | 202 | 383 | N.D. | |
| 39) | Pyrene | 29.78 | 202 | 391 | N.D. | |
| 40) | Butylbenzylphthalate | 0.00 | 149 | 0 | N.D. | |
| 41) | Benzo(a)anthracene | 33.48 | 228 | 2548 | N.D. | |
| 42) | Bis(2-ethylhexyl)phthalate | 33.71 | 149 | 1318 | N.D. | |
| 43) | Chrysene | 33.55 | 228 | 734 | 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 | 36.60 | 252 | 100 | N.D. | |
| 48) | Benzo(a)pyrene | 37.66 | 252 | 2194 | 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\JUN0302\12279.D Vial: 7
Acq On : 3 Jun 2002 3:05 pm Operator:
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 3 15:55 2002 Quant Results File: GCMS0531.RES

Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration



# LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12279.D  Vial: 7
Acq On : 3 Jun 2002 3:05 pm  Operator:
Sample : re-ext  Inst : 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0531.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

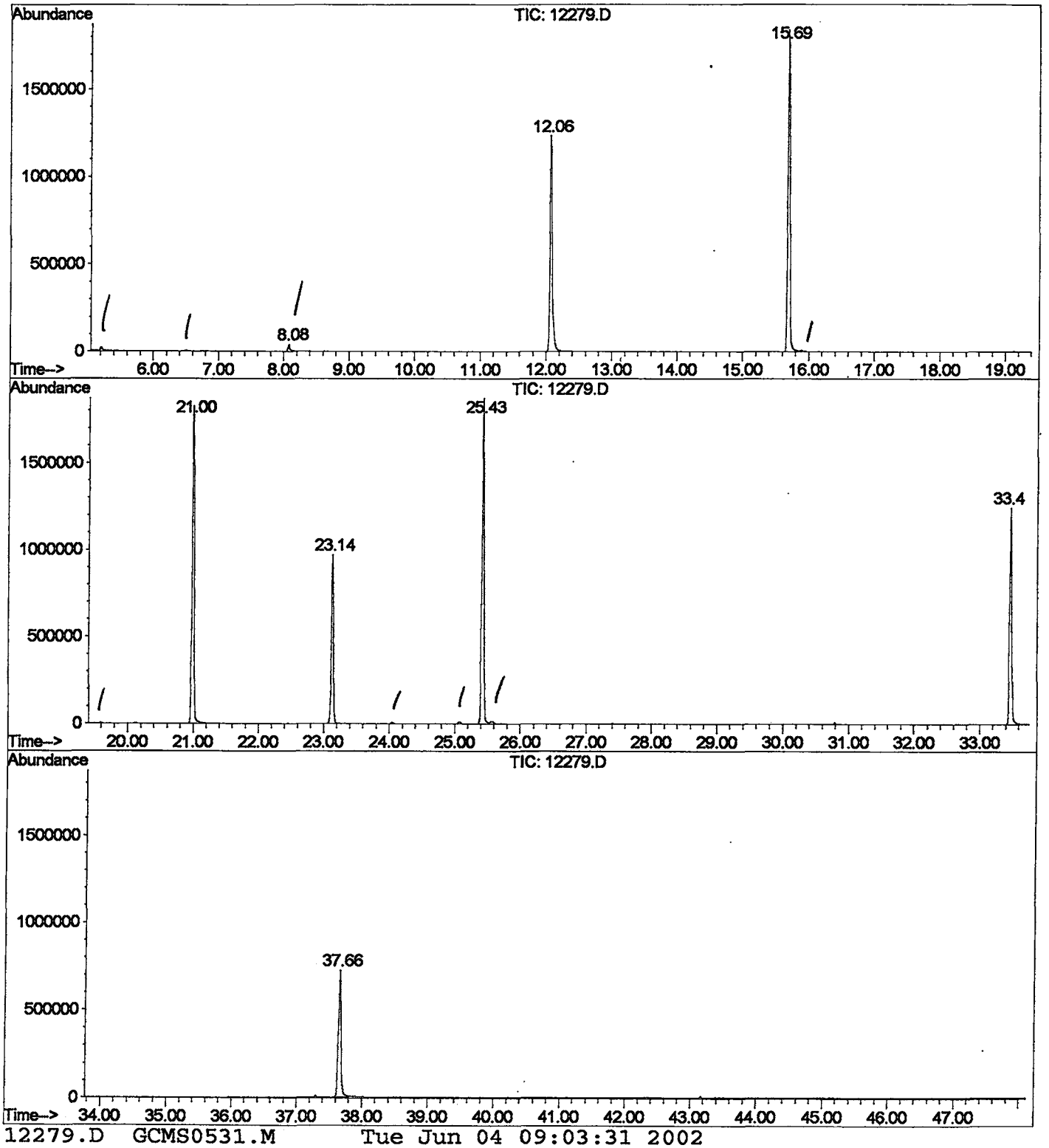
| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 8.081 | 327 | 331 | 343 | rBV2 | 41241 | 81656 | 2.00% | 0.367% |
| 2 | 12.065 | 760 | 765 | 790 | rBV | 1231533 | 2953001 | 72.17% | 13.286% |
| 3 | 15.691 | 1154 | 1160 | 1177 | rBV | 1838570 | 4015682 | 98.14% | 18.067% |
| 4 | 20.997 | 1731 | 1738 | 1750 | rBV | 1828427 | 4027022 | 98.42% | 18.118% |
| 5 | 23.136 | 1962 | 1971 | 1978 | rBV | 974634 | 2046126 | 50.00% | 9.206% |
| 6 | 25.431 | 2213 | 2221 | 2231 | rBV | 1873043 | 4091855 | 100.00% | 18.410% |
| 7 | 33.473 | 3090 | 3097 | 3117 | rBV2 | 1246105 | 2926150 | 71.51% | 13.165% |
| 8 | 37.659 | 3545 | 3553 | 3568 | rBV2 | 721938 | 2085043 | 50.96% | 9.381% |

Sum of corrected areas: 22226535

12279.D GCMS0531.M Tue Jun 04 09:03:31 2002

# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JUN0302\12279.D
Operator :
Acquired : 3 Jun 2002 3:05 pm using AcqMethod GCMS0531
Instrument : 209
Sample Name: re-ext
Misc Info :
Vial Number: 7
Quant File :GCMS0531.RES (RTE Integrator)




12279.D GCMS0531.M Tue Jun 04 09:03:31 2002

# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12279.D  Vial: 7
Acq On : 3 Jun 2002 3:05 pm  Operator:
Sample : re-ext  Inst : 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

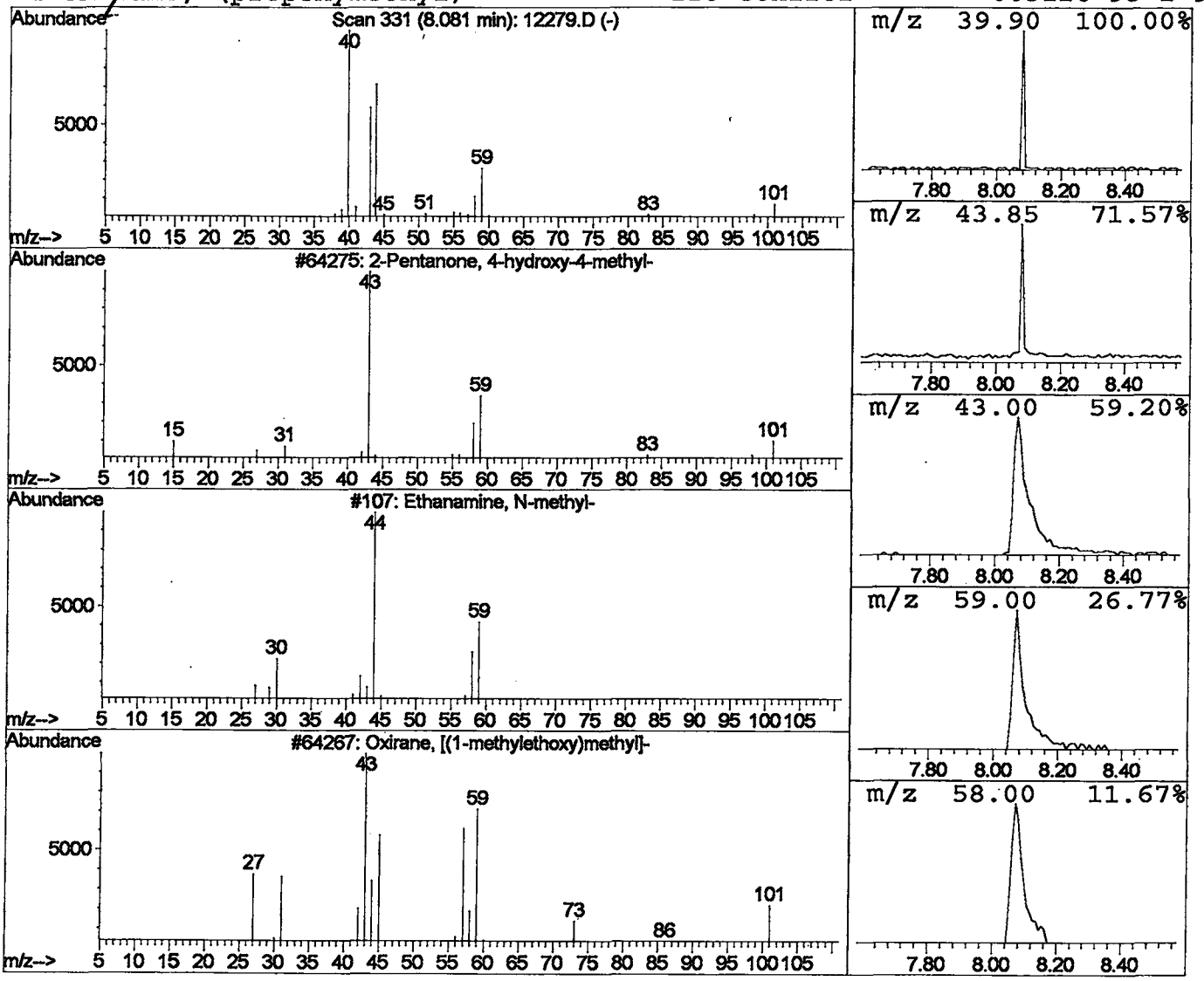
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.08 | 1.11 ug/l | 81656 | 1,4-Dichlorobenzene-d4 | 12.06 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 37 |
| 2 | Ethanamine, N-methyl- | 59 | C3H9N | 000624-78-2 | 9 |
| 3 | Oxirane, [(1-methylethoxy)methyl]- | 116 | C6H12O2 | 004016-14-2 | 9 |
| 4 | Oxirane, (propoxymethyl)- | 116 | C6H12O2 | 003126-95-2 | 9 |



# Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 3 Jun 2002 3:05 pm
Data File: C:\HPCHEM\1\DATA\JUN0302\12279.D
Name: re-ext
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0531.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 |
|---|---|---|---|---|---|---|---|---|
| ~~2-Pentanone, 4-hydro~~ | 8.08 | 1.1 | ug/l | 81656 | ISTD01 | 12.06 | 2953000 | 40.0 |

12279.D GCMS0531.M Tue Jun 04 09:03:33 2002