User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/30/2002 Time: 15:39:31

Sample: AE11794
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/30/02 15:39 Ended: 5/30/02 15:39 Analyst: DLV
Page: 1

| | Component Name | Vial | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | Other unknown compounds | | . | | |
| 2 | Surr_2,4-DDD | | 92 | | 10.0 |

**Comments for Sample AE11794 - Analysis $GCMS**

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-30-2002 Time: 15:39:55

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\MAY2102\11794.D Vial: 35
Acq On : 23 May 2002 12:05 am Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 24 8:24 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 12.14 | 152 | 426063 | 40.00 | ug/l | 0.00 |
| 10) Naphthalene-d8 | 15.78 | 136 | 1663910 | 40.00 | ug/l | -0.01 |
| 17) Acenaphthene-d10 | 21.09 | 164 | 799602 | 40.00 | ug/l | 0.00 |
| 30) Phenanthrene-d10 | 25.52 | 188 | 1063073 | 40.00 | ug/l | -0.01 |
| 38) Chrysene-d12 | 33.58 | 240 | 605654 | 40.00 | ug/l | -0.03 |
| 44) Perylene-d12 | 37.79 | 264 | 378695 | 40.00 | ug/l | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 28) TCMX | 23.22 | 209 | 148411 | 36.93 | ug/L | -0.01 |
| Spiked Amount 40.000 | | | Recovery = 92.33% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) N-nitrosodimethylamine | 5.35 | 74 | 205 | 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-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 | 14.49 | 82 | 190 | N.D. | | |
| 13) bis(2-Chloroethoxy)methane | 15.17 | 93 | 348 | N.D. | | |
| 14) 1,2,4-Trichlorobenzene | 0.00 | 180 | 0 | N.D. | | |
| 15) Naphthalene | 15.83 | 128 | 545 | 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 | 22.57 | 149 | 466 | N.D. | | |
| 26) 4-Chlorophenylphenylether | 23.22 | 204 | 617 | N.D. | | |
| 27) Fluorene | 0.00 | 166 | 0 | N.D. | | |
| 29) Azobenzene | 0.00 | 77 | 0 | N.D. | | |
| 31) N-Nitrosodiphenylamine | 23.22 | 168 | 327 | N.D. | | |
| 32) 4-Bromophenylphenylether | 0.00 | 248 | 0 | N.D. | | |
| 33) Hexachlorobenzene | 0.00 | 284 | 0 | N.D. | | |
| 34) Phenanthrene | 25.53 | 178 | 307 | N.D. | | |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2102\11794.D Vial: 35
Acq On : 23 May 2002 12:05 am Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 24 8:24 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

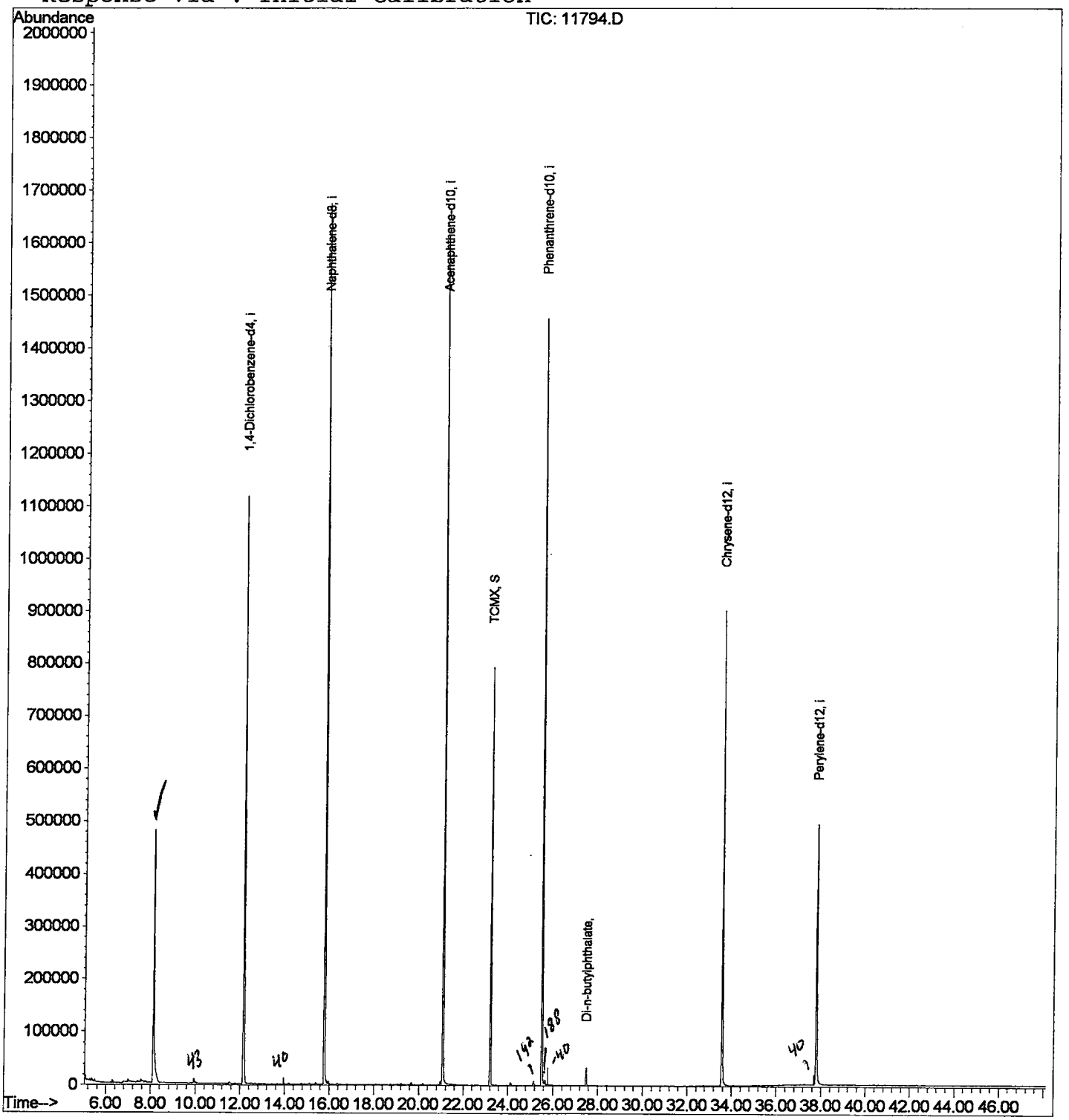
| | Compound | R.T. | QIon | Response | Conc Unit | Qvalue |
|---|---|---|---|---|---|---|
| 35) | Anthracene | 25.53 | 178 | 307 | N.D. | |
| 36) | Di-n-butylphthalate | 27.50 | 149 | 34531 | 0.99 ug/l # | 98 |
| 37) | Fluoranthene | 0.00 | 202 | 0 | N.D. | |
| 39) | Pyrene | 0.00 | 202 | 0 | N.D. | |
| 40) | Butylbenzylphthalate | 0.00 | 149 | 0 | N.D. | |
| 41) | Benzo(a)anthracene | 33.58 | 228 | 1244 | N.D. | |
| 42) | Bis(2-ethylhexyl)phthalate | 33.80 | 149 | 853 | N.D. | |
| 43) | Chrysene | 33.58 | 228 | 1244 | 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 | 37.79 | 252 | 1435 | 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\MAY2102\11794.D Vial: 35
Acq On : 23 May 2002 12:05 am Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 24 8:24 2002 Quant Results File: GCMS0520.RES

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11794.D Vial: 35
Acq On : 23 May 2002 12:05 am Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0520.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

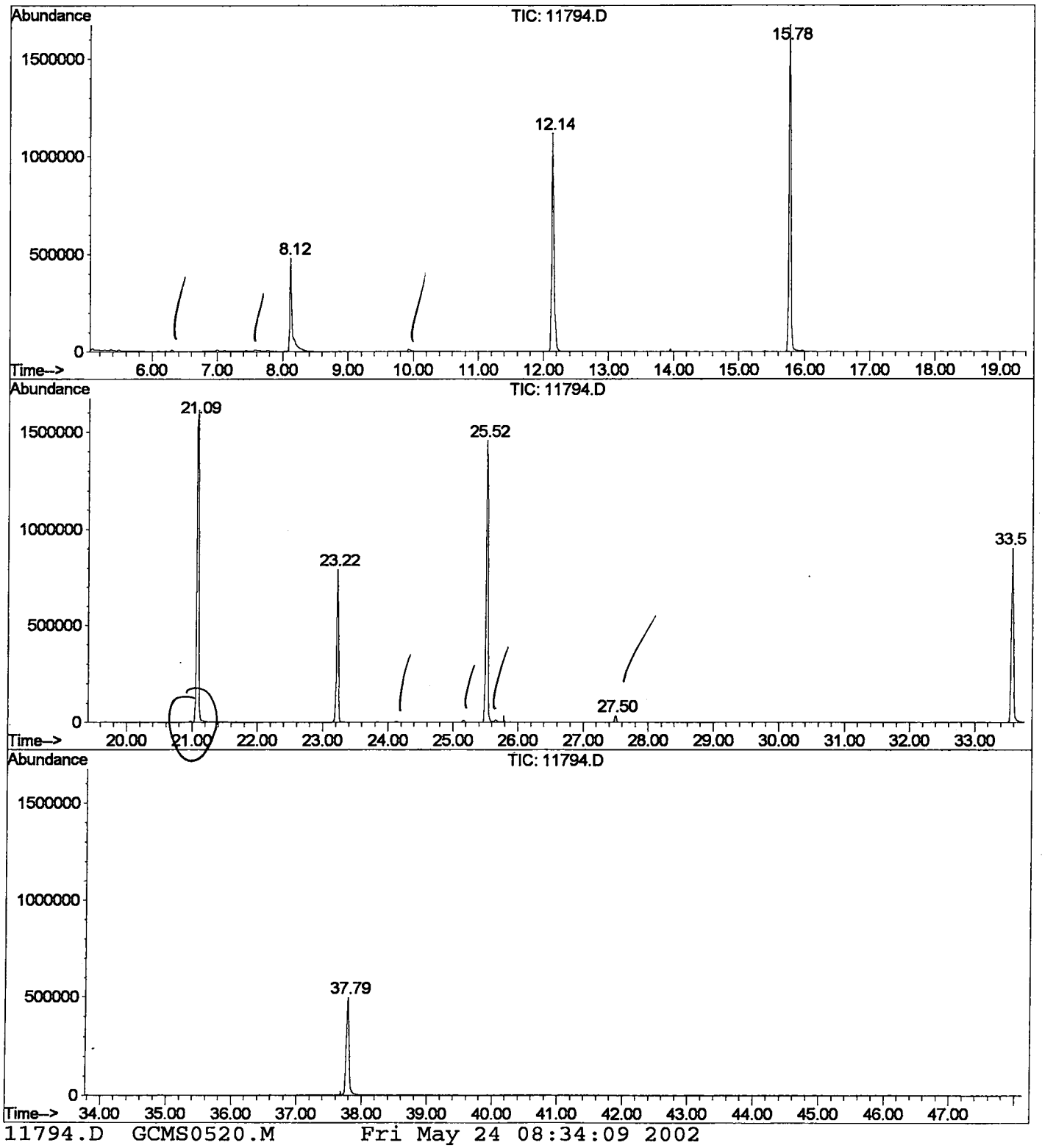
| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 8.119 | 332 | 336 | 365 | rBV | 477888 | 1178033 | 34.91% | 6.334% |
| 2 | 12.142 | 770 | 775 | 789 | rBV | 1116689 | 2587341 | 76.67% | 13.912% |
| 3 | 15.780 | 1166 | 1172 | 1188 | rBV | 1672849 | 3368889 | 99.83% | 18.114% |
| 4 | 21.085 | 1744 | 1751 | 1763 | rBV | 1612842 | 3374583 | 100.00% | 18.145% |
| 5 | 23.220 | 1976 | 1984 | 1992 | rBV | 791391 | 1602825 | 47.50% | 8.618% |
| 6 | 25.520 | 2228 | 2235 | 2247 | rBV2 | 1455755 | 3011341 | 89.24% | 16.192% |
| 7 | 27.500 | 2446 | 2451 | 2459 | rBV | 33038 | 61079 | 1.81% | 0.328% |
| 8 | 33.575 | 3107 | 3114 | 3133 | rBV2 | 900556 | 1974428 | 58.51% | 10.616% |
| 9 | 37.790 | 3565 | 3574 | 3588 | rBV2 | 491192 | 1439473 | 42.66% | 7.740% |

Sum of corrected areas: 18597992

11794.D GCMS0520.M Fri May 24 08:34:08 2002

# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2102\11794.D
Operator :
Acquired : 23 May 2002 12:05 am using AcqMethod GCMS0520
Instrument : 209
Sample Name: EXTRACT5/20
Misc Info :
Vial Number: 35
Quant File :GCMS0520.RES (RTE Integrator)




11794.D GCMS0520.M Fri May 24 08:34:09 2002

# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11794.D  Vial: 35
Acq On : 23 May 2002 12:05 am  Operator:
Sample : EXTRACT5/20  Inst : 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

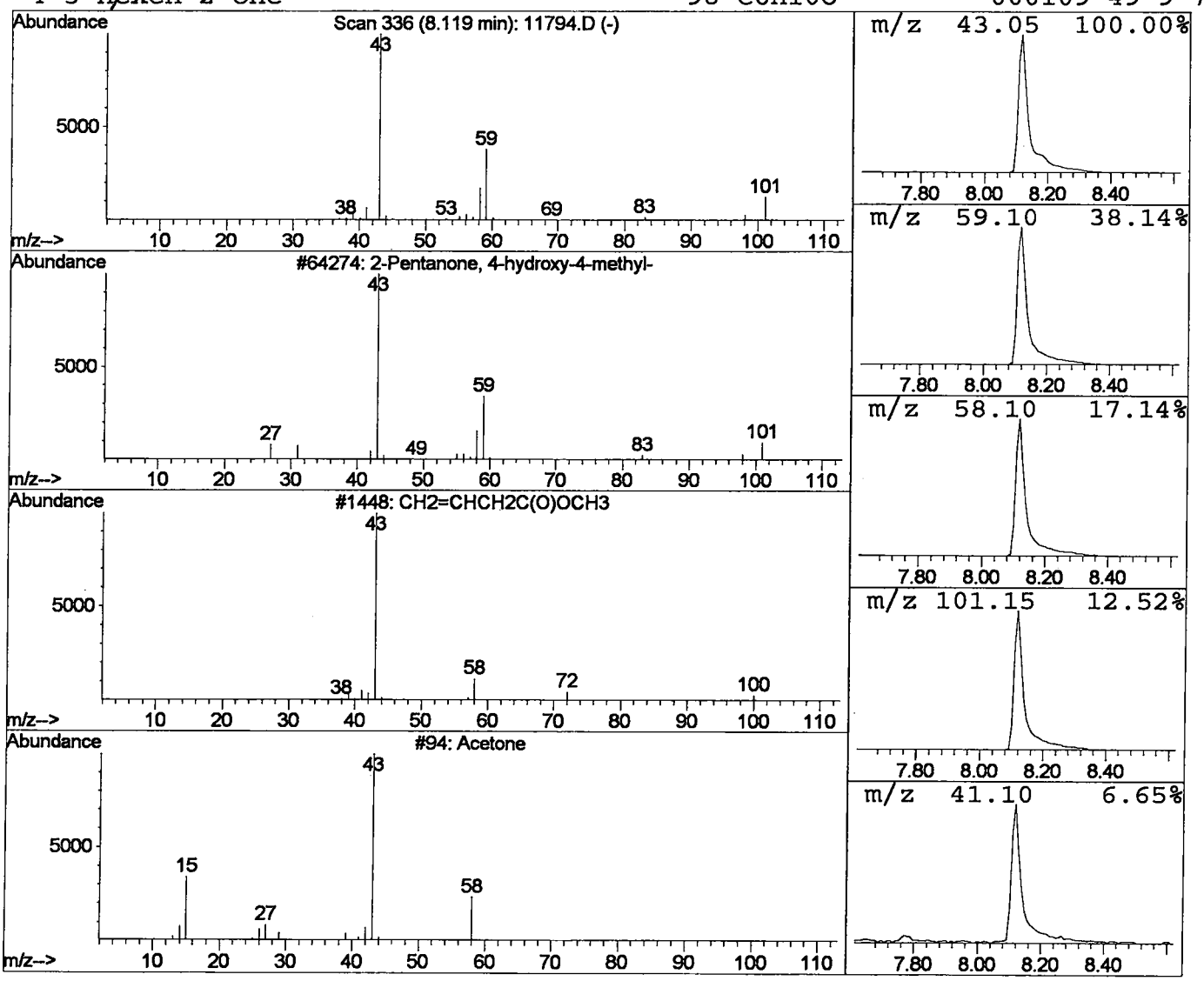
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.12 | 18.21 ug/l | 1178030 | 1,4-Dichlorobenzene-d4 | 12.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 78 |
| 2 | CH2=CHCH2C(O)OCH3 | 100 | C5H8O2 | 003724-55-8 | 9 |
| 3 | Acetone | 58 | C3H6O | 000067-64-1 | 7 |
| 4 | 5-Hexen-2-one | 98 | C6H10O | 000109-49-9 | 7 |



# Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 May 2002 12:05 am
Data File: C:\HPCHEM\1\DATA\MAY2102\11794.D
Name: EXTRACT5/20
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0520.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~~ | 8.12 | 18.2 | ug/l | 1178030 | ISTD01 | 12.14 | 2587340 | 40.0 |

11794.D GCMS0520.M Fri May 24 08:34:10 2002