User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 15:09:20

Sample: AD27765
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/3/02 15:06 Ended: 1/3/02 15:06 Analyst: MG
Page: 1

| | Component Name | Viol | Result | MDL |
|---|---|---|---|---|
| 1 | Other unknown compounds | | see comment | |
| 2 | Surr_2,4-DDD | | | 5.0 |

**:omments for Sample AD27765 - Analysis $GCMS**

Vestchester Dept. of Labs & Research
Jser: Galos, Marie
)ate: 01-03-2002 Time: 15:09:30

\ scan of the extract prepared for the 508 analysis, from 35-550 amu using a
1ass spectrometer, does not reveal the presence of non-target compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27765.D Vial: 8
Acq On : 20 Dec 2001 2:18 am Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 20 11:14 2001 Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration
DataAcq Meth : NP112701

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 11.87 | 152 | 725600 | 20.00 | ng/uL | -0.06 |
| 19) Naphthalene-d8 | 15.49 | 136 | 2814542 | 20.00 | ng/uL | -0.06 |
| 31) Acenaphthene-d10 | 20.76 | 164 | 1249238 | 20.00 | ng/uL | -0.06 |
| 49) Phenanthrene-d10 | 25.17 | 188 | 1827363m | 20.00 | ng/uL | -0.07 |
| 59) Chrysene-d12 | 33.18 | 240 | 1148618 | 20.00 | ng/uL | -0.07 |
| 68) Perylene-d12 | 37.26 | 264 | 529550 | 20.00 | ng/uL | -0.08 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 0.00 | 112 | 0 | 0.00 | ng/uL | |
| Spiked Amount 75.000 | Range 18 - 42 | | Recovery = | 0.00%# | | |
| 5) Phenol-d5 | 0.00 | 99 | 0 | 0.00 | ng/uL | |
| Spiked Amount 75.000 | Range 19 - 32 | | Recovery = | 0.00%# | | |
| 6) 2-Chlorophenol-d4 | 11.87 | 132 | 314 | 0.01 | ng/uL | 0.45 |
| Spiked Amount 75.000 | Range 34 - 84 | | Recovery = | 0.01%# | | |
| 7) 1,2-Dichlorobenzene-d4 | 11.98 | 152 | 673 | 0.02 | ng/uL | -0.48 |
| Spiked Amount 50.000 | Range 26 - 73 | | Recovery = | 0.04%# | | |
| 20) Nitrobenzene-d5 | 0.00 | 82 | 0 | 0.00 | ng/uL | |
| Spiked Amount 50.000 | Range 55 - 98 | | Recovery = | 0.00%# | | |
| 32) 2-Fluorobiphenyl | 18.91 | 172 | 1622 | 0.02 | ng/uL | 0.08 |
| Spiked Amount 50.000 | Range 42 - 78 | | Recovery = | 0.04%# | | |
| 33) 2,4,6-Tribromophenol | 0.00 | 330 | 0 | 0.00 | ng/uL | |
| Spiked Amount 75.000 | Range 45 - 96 | | Recovery = | 0.00%# | | |
| 62) Terphenyl-d14 | 30.05 | 244 | 2083 | 0.04 | ng/uL | -0.08 |
| Spiked Amount 50.000 | Range 58 - 98 | | Recovery = | 0.08%# | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Pyridine | 5.50 | 79 | 281 | N.D. | | |
| 3) N-nitrosodimethylamine | 0.00 | 74 | 0 | N.D. | | |
| 8) Phenol | 0.00 | 94 | 0 | N.D. | | |
| 9) bis(2-Chloroethyl)ether | 0.00 | 93 | 0 | N.D. | | |
| 10) 2-Chlorophenol | 0.00 | 128 | 0 | N.D. | | |
| 11) 1,3-Dichlorobenzene | 0.00 | 146 | 0 | N.D. | | |
| 12) 1,4-Dichlorobenzene | 0.00 | 146 | 0 | N.D. | | |
| 13) 1,2-Dichlorobenzene | 0.00 | 146 | 0 | N.D. | | |
| 14) 2-Methylphenol | 0.00 | 108 | 0 | N.D. | | |
| 15) 2,2'-oxybis(1-Chloropropan | 12.76 | 45 | 955 | N.D. | | |
| 16) 3&4-Methylphenol | 0.00 | 108 | 0 | N.D. | | |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27765.D Vial: 8
Acq On : 20 Dec 2001 2:18 am Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 20 11:14 2001 Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration
DataAcq Meth : NP112701

| Compound | R.T. | QIon | Response | Conc Unit | Qvalue |
|---|---|---|---|---|---|
| 17) N-Nitrosodi-n-propylamine | 0.00 | 70 | 0 | N.D. | |
| 18) Hexachloroethane | 0.00 | 117 | 0 | N.D. | |
| 21) Nitrobenzene | 0.00 | 77 | 0 | N.D. | |
| 22) Isophorone | 14.19 | 82 | 357 | N.D. | |
| 23) 2-Nitrophenol | 0.00 | 139 | 0 | N.D. | |
| 24) 2,4-Dimethylphenol | 0.00 | 107 | 0 | N.D. | |
| 25) bis(2-Chloroethoxy)methane | 0.00 | 93 | 0 | N.D. | |
| 26) 2,4-Dichlorophenol | 0.00 | 162 | 0 | N.D. | |
| 27) 1,2,4-Trichlorobenzene | 0.00 | 180 | 0 | N.D. | |
| 28) Naphthalene | 15.54 | 128 | 824 | N.D. | |
| 29) Hexachlorobutadiene | 0.00 | 225 | 0 | N.D. | |
| 30) 4-Chloro-3-methylphenol | 0.00 | 107 | 0 | N.D. | |
| 34) Hexachlorocyclopentadiene | 0.00 | 237 | 0 | N.D. | |
| 35) 2,4,6-Trichlorophenol | 0.00 | 196 | 0 | N.D. | |
| 36) 2,4,5-Trichlorophenol | 0.00 | 196 | 0 | N.D. | |
| 37) 2-Chloronaphthalene | 0.00 | 162 | 0 | N.D. | |
| 38) Dimethylphthalate | 0.00 | 163 | 0 | N.D. | |
| 39) 2,6-Dinitrotoluene | 0.00 | 165 | 0 | N.D. | d |
| 40) Acenaphthylene | 0.00 | 152 | 0 | N.D. | |
| 41) Acenaphthene | 0.00 | 153 | 0 | N.D. | |
| 42) 2,4-Dinitrophenol | 0.00 | 184 | 0 | N.D. | |
| 43) 4-Nitrophenol | 21.19 | 65 | 1966 | N.D. | |
| 44) 2,4-Dinitrotoluene | 0.00 | 165 | 0 | N.D. | |
| 45) Diethylphthalate | 22.25 | 149 | 1499 | N.D. | |
| 46) 4-Chlorophenylphenylether | 0.00 | 204 | 0 | N.D. | |
| 47) Fluorene | 0.00 | 166 | 0 | N.D. | |
| 48) Azobenzen/ 1,2-Diphenylhyd | 22.86 | 77 | 379 | N.D. | |
| 50) 4,6-Dinitro-2-methylphenol | 0.00 | 198 | 0 | N.D. | |
| 51) N-Nitrosodiphenylamine | 0.00 | 169 | 0 | N.D. | |
| 52) 4-Bromophenyl-phenylether | 0.00 | 248 | 0 | N.D. | |
| 53) Hexachlorobenzene | 0.00 | 284 | 0 | N.D. | |
| 54) Pentachlorophenol | 0.00 | 266 | 0 | N.D. | |
| 55) Phenanthrene | 25.23 | 178 | 276 | N.D. | |
| 56) Anthracene | 25.23 | 178 | 276 | N.D. | |
| 57) Di-n-butylphthalate | 0.00 | 149 | 0 | N.D. | d |
| 58) Fluoranthene | 0.00 | 202 | 0 | N.D. | d |
| 60) 3,3'-Dichlorobenzidine | 0.00 | 252 | 0 | N.D. | |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27765.D Vial: 8
Acq On : 20 Dec 2001 2:18 am Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 20 11:14 2001 Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration
DataAcq Meth : NP112701

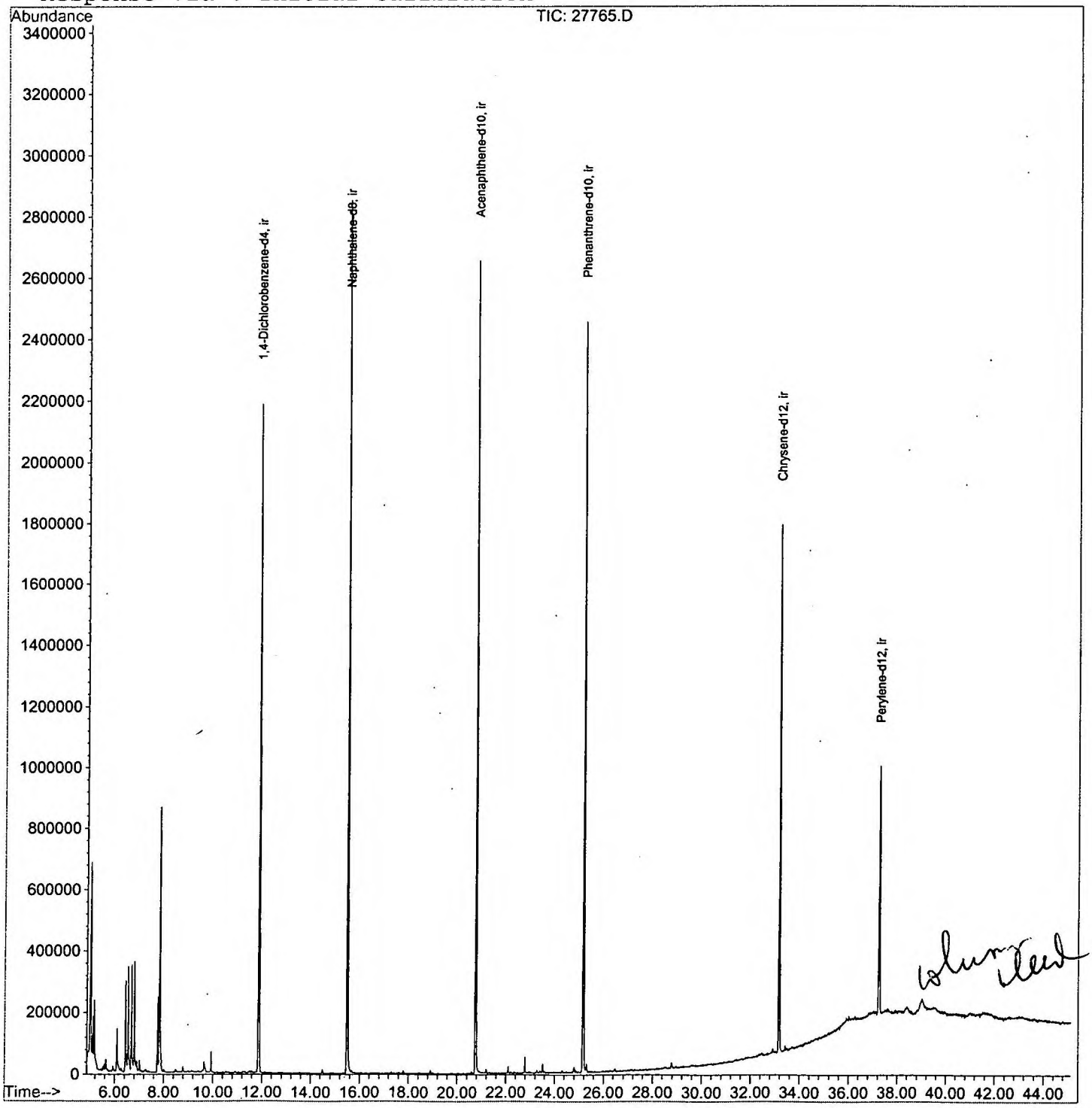
| Compound | R.T. | QIon | Response | Conc Unit | Qvalue |
|---|---|---|---|---|---|
| 61) Benzidine | 28.97 | 184 | 1504 | N.D. | |
| 63) Pyrene | 29.50 | 202 | 716 | N.D. | |
| 64) Butylbenzylphthalate | 31.65 | 149 | 939 | N.D. | |
| 65) Benzo(a)anthracene | 33.18 | 228 | 2417 | N.D. | |
| 66) Bis(2-ethylhexyl)phthalate | 33.53 | 149 | 606 | N.D. | |
| 67) Chrysene | 33.25 | 228 | 567 | N.D. | |
| 69) Di-n-Octylphthalate | 35.16 | 149 | 4643 | N.D. | |
| 70) Benzo(b)fluoranthene | 36.18 | 252 | 949 | N.D. | |
| 71) Benzo(k)fluoranthene | 36.23 | 252 | 1198 | N.D. | |
| 72) Benzo(a)pyrene | 37.08 | 252 | 1044 | N.D. | |
| 73) Indeno(1,2,3-cd)pyrene | 40.94 | 276 | 906 | N.D. | |
| 74) Dibenz(a,h)anthracene | 41.02 | 278 | 305 | N.D. | |
| 75) 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\DEC1901\27765.D Vial: 8
Acq On : 20 Dec 2001 2:18 am Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 20 11:14 2001 Quant Results File: NP112701.RES

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration



# LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27765.D  Vial: 8
Acq On : 20 Dec 2001 2:18 am  Operator: GALOS
Sample : gcms unknown 11/16  Inst : GC/MS Ins
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/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

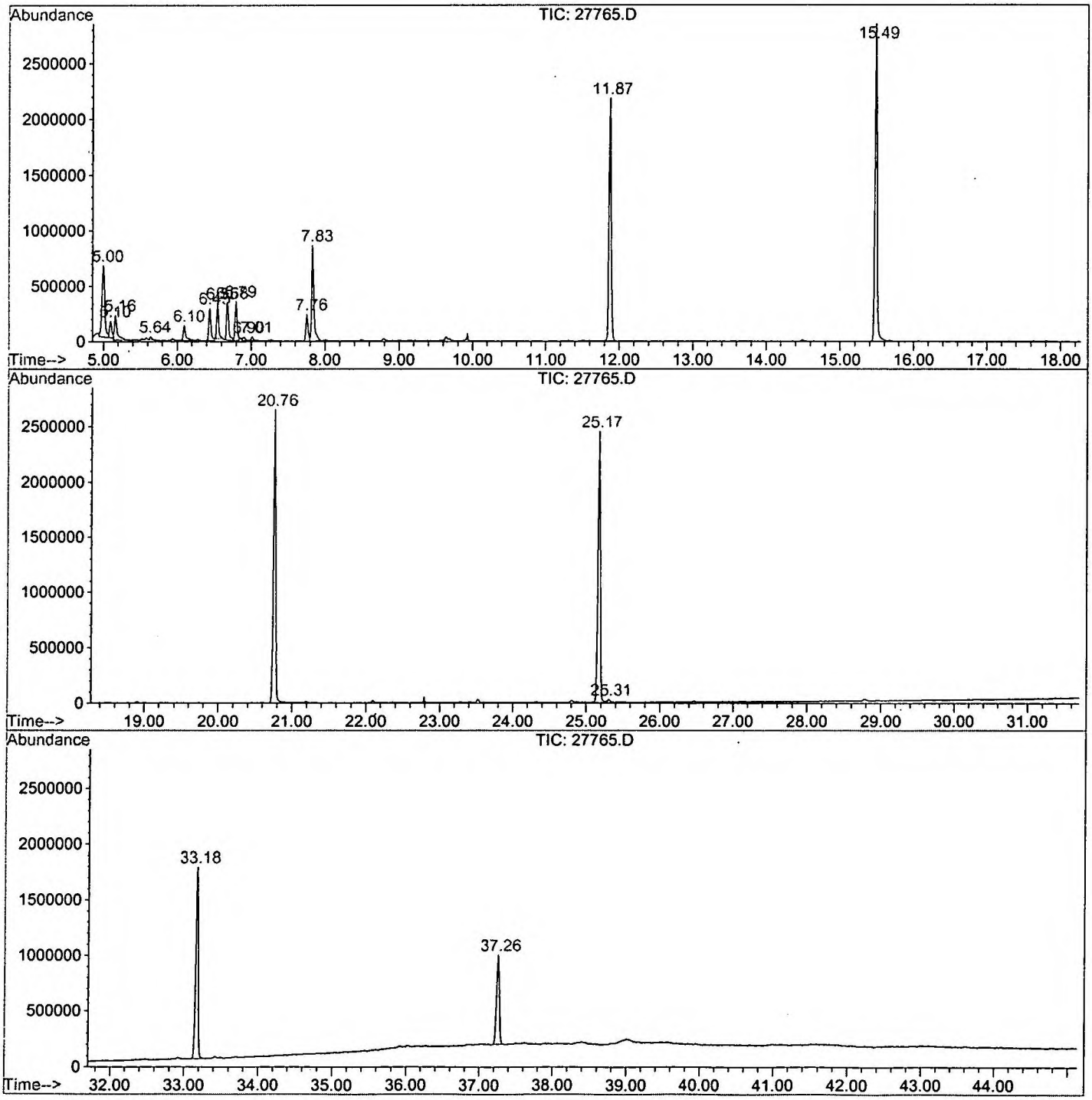
| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.997 | 11 | 17 | 25 | rVV | 643096 | 1715014 | 29.62% | 4.864% |
| 2 | 5.098 | 25 | 28 | 32 | rVV | 152938 | 309447 | 5.34% | 0.878% |
| 3 | 5.162 | 32 | 35 | 52 | rVB2 | 224342 | 570273 | 9.85% | 1.617% |
| 4 | 5.639 | 84 | 87 | 91 | rVV2 | 33387 | 59381 | 1.03% | 0.168% |
| 5 | 6.097 | 132 | 137 | 150 | rBV | 138423 | 345083 | 5.96% | 0.979% |
| 6 | 6.446 | 170 | 175 | 182 | rBV | 293390 | 599309 | 10.35% | 1.700% |
| 7 | 6.547 | 182 | 186 | 191 | rBV | 321302 | 548167 | 9.47% | 1.555% |
| 8 | 6.684 | 197 | 201 | 209 | rBV | 339744 | 692909 | 11.97% | 1.965% |
| 9 | 6.794 | 209 | 213 | 218 | rVV | 353195 | 673371 | 11.63% | 1.910% |
| 10 | 6.904 | 222 | 225 | 231 | rVB | 33201 | 72917 | 1.26% | 0.207% |
| 11 | 7.014 | 233 | 237 | 241 | rVB | 35492 | 64830 | 1.12% | 0.184% |
| 12 | 7.757 | 313 | 318 | 322 | rBV | 245142 | 470318 | 8.12% | 1.334% |
| 13 | 7.831 | 322 | 326 | 341 | rVB | 862392 | 1768637 | 30.54% | 5.016% |
| 14 | 11.875 | 761 | 767 | 778 | rVB | 2184121 | 4495911 | 77.64% | 12.751% |
| 15 | 15.488 | 1155 | 1161 | 1179 | rBV | 2848979 | 5790722 | 100.00% | 16.423% |
| 16 | 20.760 | 1728 | 1736 | 1749 | rBV | 2653870 | 5634603 | 97.30% | 15.981% |
| 17 | 25.171 | 2205 | 2217 | 2225 | rBV2 | 2450888 | 5288952 | 91.33% | 15.000% |
| 18 | 25.309 | 2228 | 2232 | 2238 | rVB | 27663 | 65688 | 1.13% | 0.186% |
| 19 | 33.177 | 3083 | 3090 | 3101 | rVB2 | 1723348 | 3942642 | 68.09% | 11.182% |
| 20 | 37.257 | 3529 | 3535 | 3542 | rVB2 | 804954 | 2150658 | 37.14% | 6.100% |

Sum of corrected areas: 35258832

27765.D NP112701.M Thu Dec 20 11:23:22 2001

# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27765.D
Operator : GALOS
Acquired : 20 Dec 2001 2:18 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/16
Misc Info :
Vial Number: 8
Quant File :NP112701.RES (RTE Integrator)




27765.D NP112701.M Thu Dec 20 11:23:24 2001

# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27765.D  Vial: 8
Acq On : 20 Dec 2001 2:18 am  Operator: GALOS
Sample : gcms unknown 11/16  Inst : GC/MS Ins
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

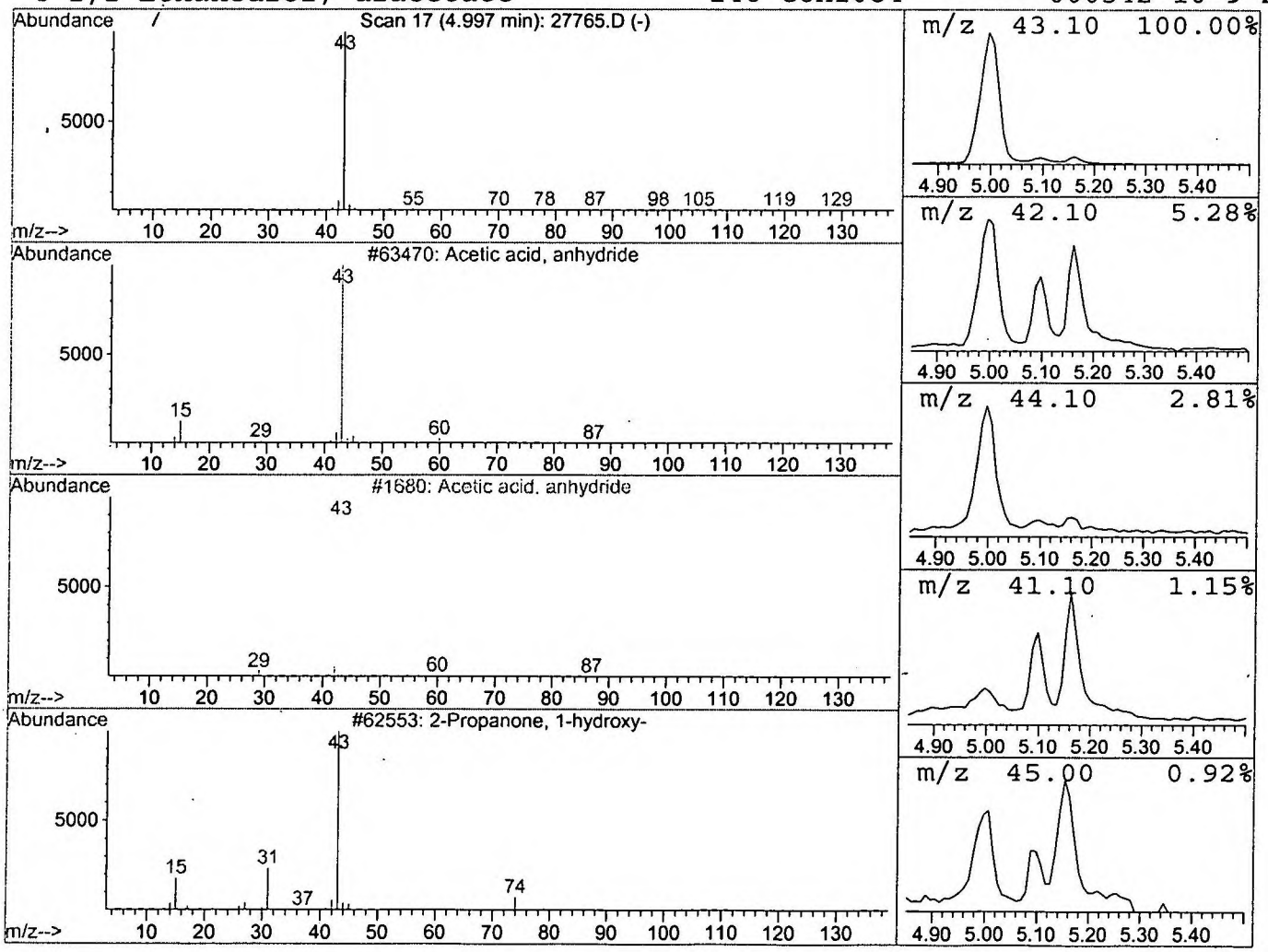
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 1 Acetic acid, anhydride  Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.00 | 7.63 ng/uL | 1715010 | 1,4-Dichlorobenzene-d4 | 11.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acetic acid, anhydride | 102 | C4H6O3 | 000108-24-7 | 2 |
| 2 | Acetic acid, anhydride | 102 | C4H6O3 | 000108-24-7 | 2 |
| 3 | 2-Propanone, 1-hydroxy- | 74 | C3H6O2 | 000116-09-6 | 2 |
| 4 | 1,1-Ethanediol, diacetate | 146 | C6H10O4 | 000542-10-9 | 2 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27765.D  Vial: 8
Acq On : 20 Dec 2001 2:18 am  Operator: GALOS
Sample : gcms unknown 11/16  Inst : GC/MS Ins
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

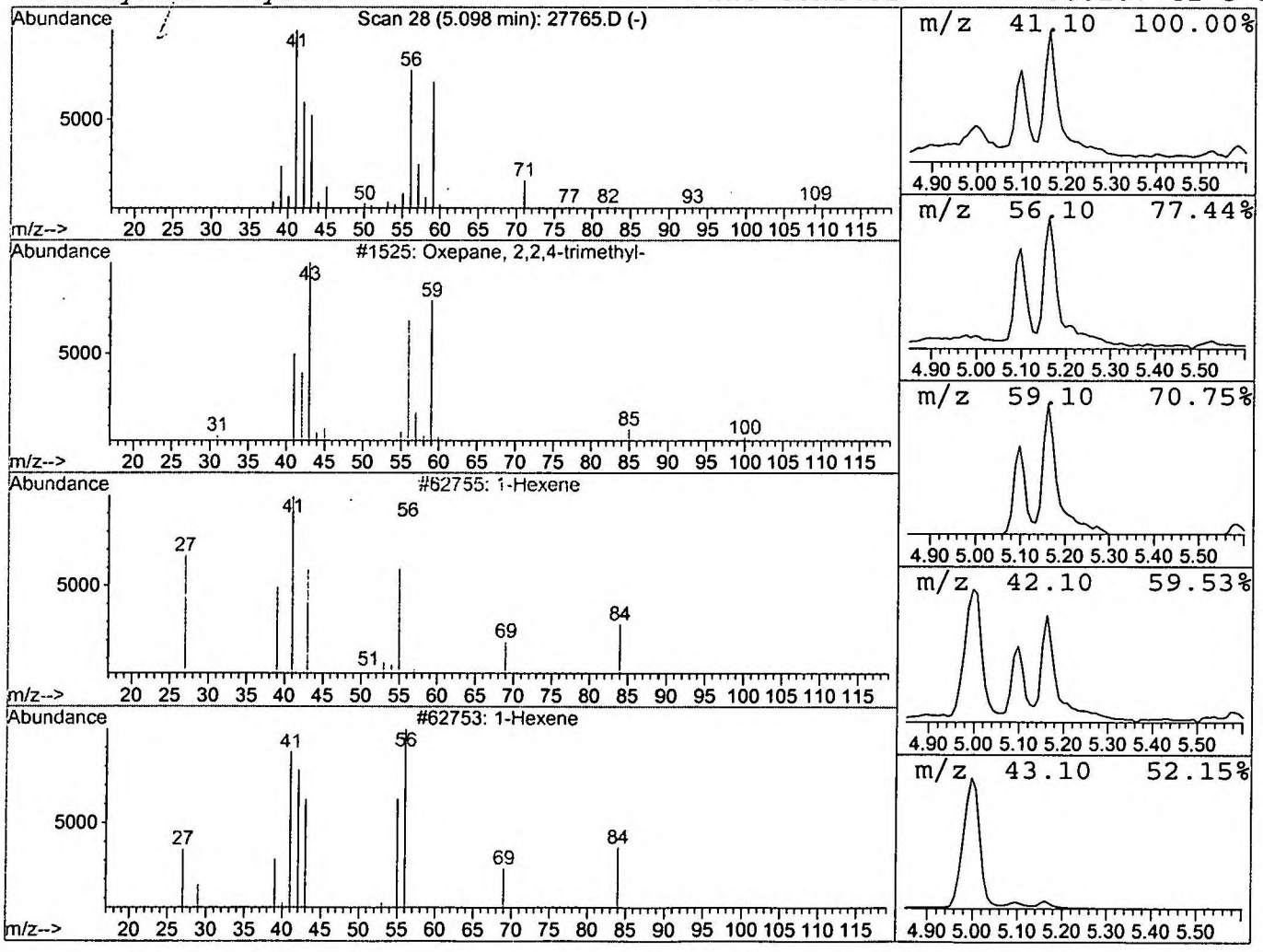
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 2 Oxepane, 2,2,4-trimethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.10 | 1.38 ng/uL | 309447 | 1,4-Dichlorobenzene-d4 | 11.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxepane, 2,2,4-trimethyl- | 100 | C6H12O | 023120-44-7 | 36 |
| 2 | 1-Hexene | 84 | C6H12 | 000592-41-6 | 33 |
| 3 | 1-Hexene | 84 | C6H12 | 000592-41-6 | 33 |
| 4 | Hexylene Glycol | 118 | C6H14O2 | 000107-41-5 | 10 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27765.D  Vial: 8
Acq On : 20 Dec 2001 2:18 am  Operator: GALOS
Sample : gcms unknown 11/16  Inst : GC/MS Ins
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

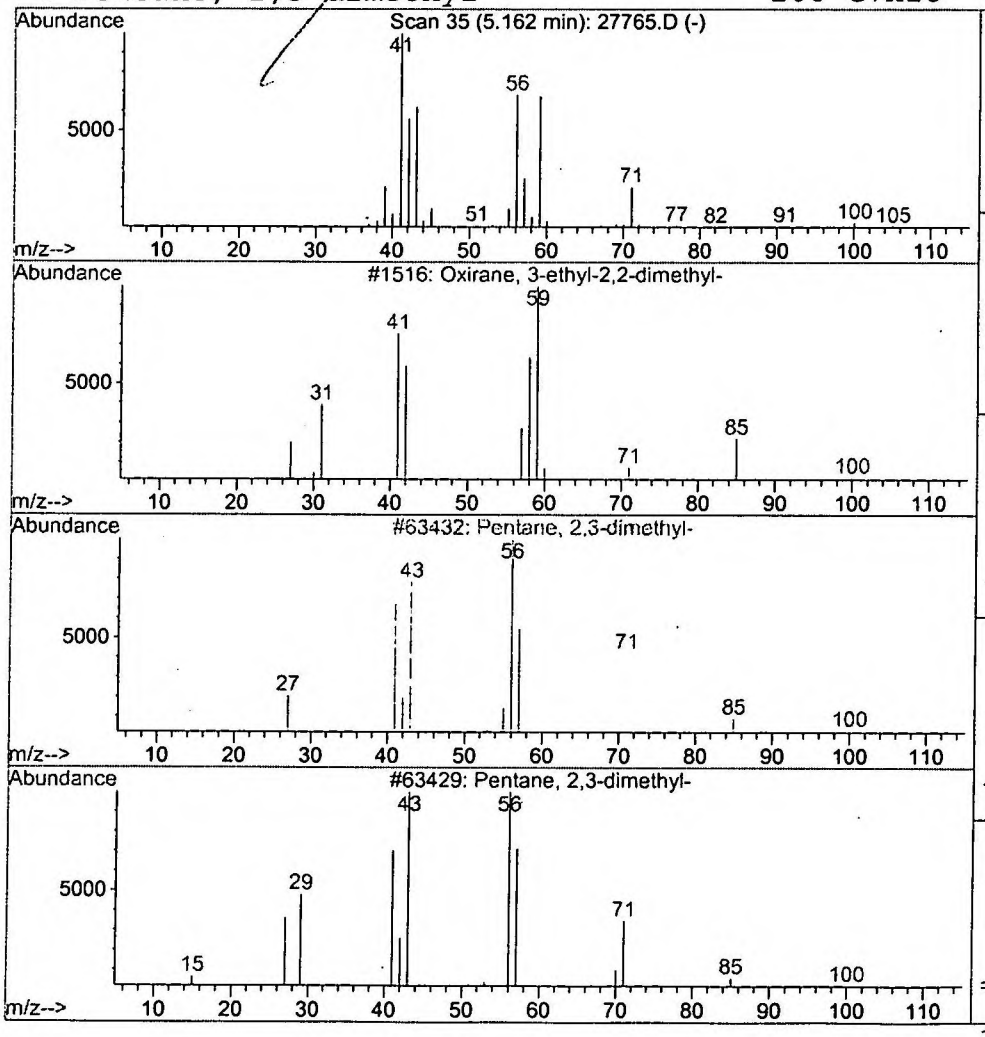
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

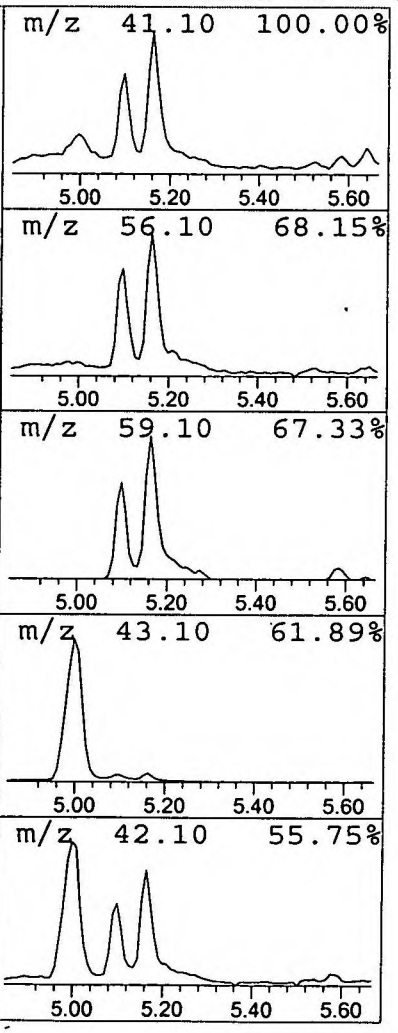
**********

Peak Number 3 Oxirane, 3-ethyl-2,2-dimethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.16 | 2.54 ng/uL | 570273 | 1,4-Dichlorobenzene-d4 | 11.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxirane, 3-ethyl-2,2-dimethyl- | 100 | C6H12O | 001192-22-9 | 43 |
| 2 | Pentane, 2,3-dimethyl- | 100 | C7H16 | 000565-59-3 | 35 |
| 3 | Pentane, 2,3-dimethyl- | 100 | C7H16 | 000565-59-3 | 35 |
| 4 | Pentane, 2,3-dimethyl- | 100 | C7H16 | 000565-59-3 | 35 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27765.D  Vial: 8
Acq On : 20 Dec 2001 2:18 am  Operator: GALOS
Sample : gcms unknown 11/16  Inst : GC/MS Ins
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

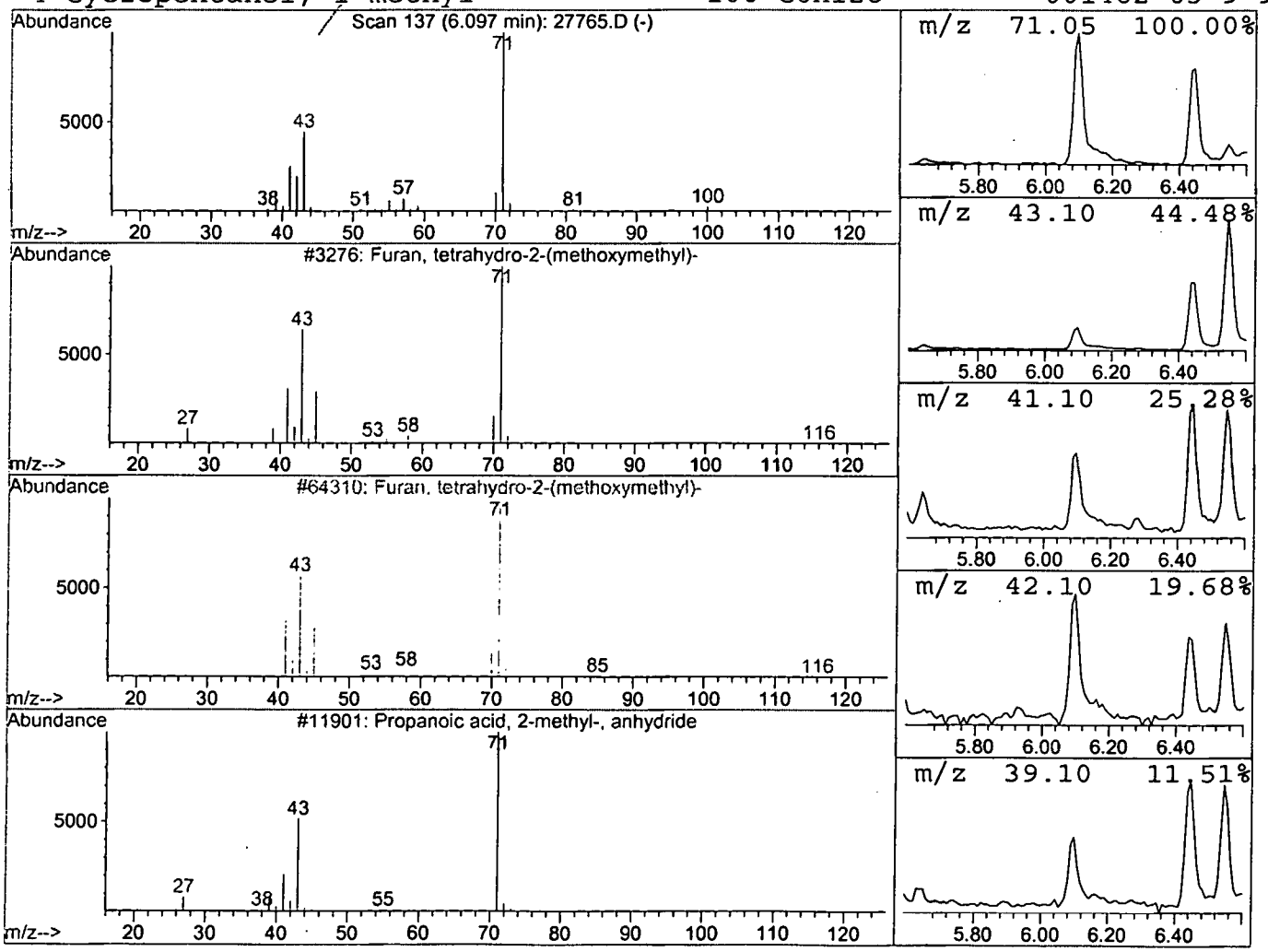
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 4 Furan, tetrahydro-2-(methoxyme Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.10 | 1.54 ng/uL | 345083 | 1,4-Dichlorobenzene-d4 | 11.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Furan, tetrahydro-2-(methoxymethyl) | 116 | C6H12O2 | 019354-27-9 | 59 |
| 2 | Furan, tetrahydro-2-(methoxymethyl) | 116 | C6H12O2 | 019354-27-9 | 45 |
| 3 | Propanoic acid, 2-methyl-, anhydrid | 158 | C8H14O3 | 000097-72-3 | 42 |
| 4 | Cyclopentanol, 1-methyl- | 100 | C6H12O | 001462-03-9 | 9 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27765.D  Vial: 8
Acq On : 20 Dec 2001 2:18 am  Operator: GALOS
Sample : gcms unknown 11/16  Inst : GC/MS Ins
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

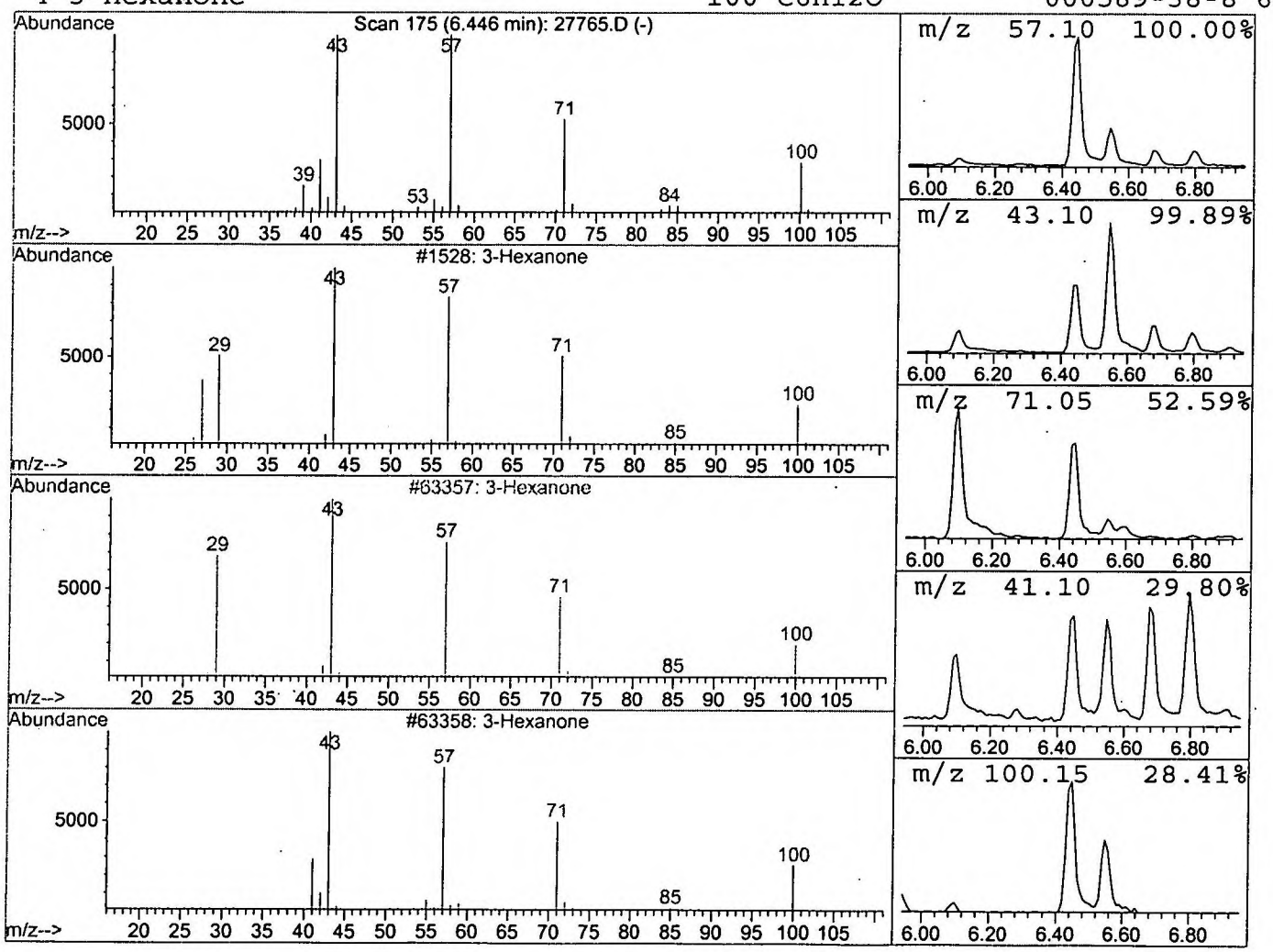
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 5 3-Hexanone  Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.45 | 2.67 ng/uL | 599309 | 1,4-Dichlorobenzene-d4 | 11.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Hexanone | 100 | C6H12O | 000589-38-8 | 91 |
| 2 | 3-Hexanone | 100 | C6H12O | 000589-38-8 | 90 |
| 3 | 3-Hexanone | 100 | C6H12O | 000589-38-8 | 90 |
| 4 | 3-Hexanone | 100 | C6H12O | 000589-38-8 | 64 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27765.D  Vial: 8
Acq On : 20 Dec 2001 2:18 am  Operator: GALOS
Sample : gcms unknown 11/16  Inst : GC/MS Ins
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

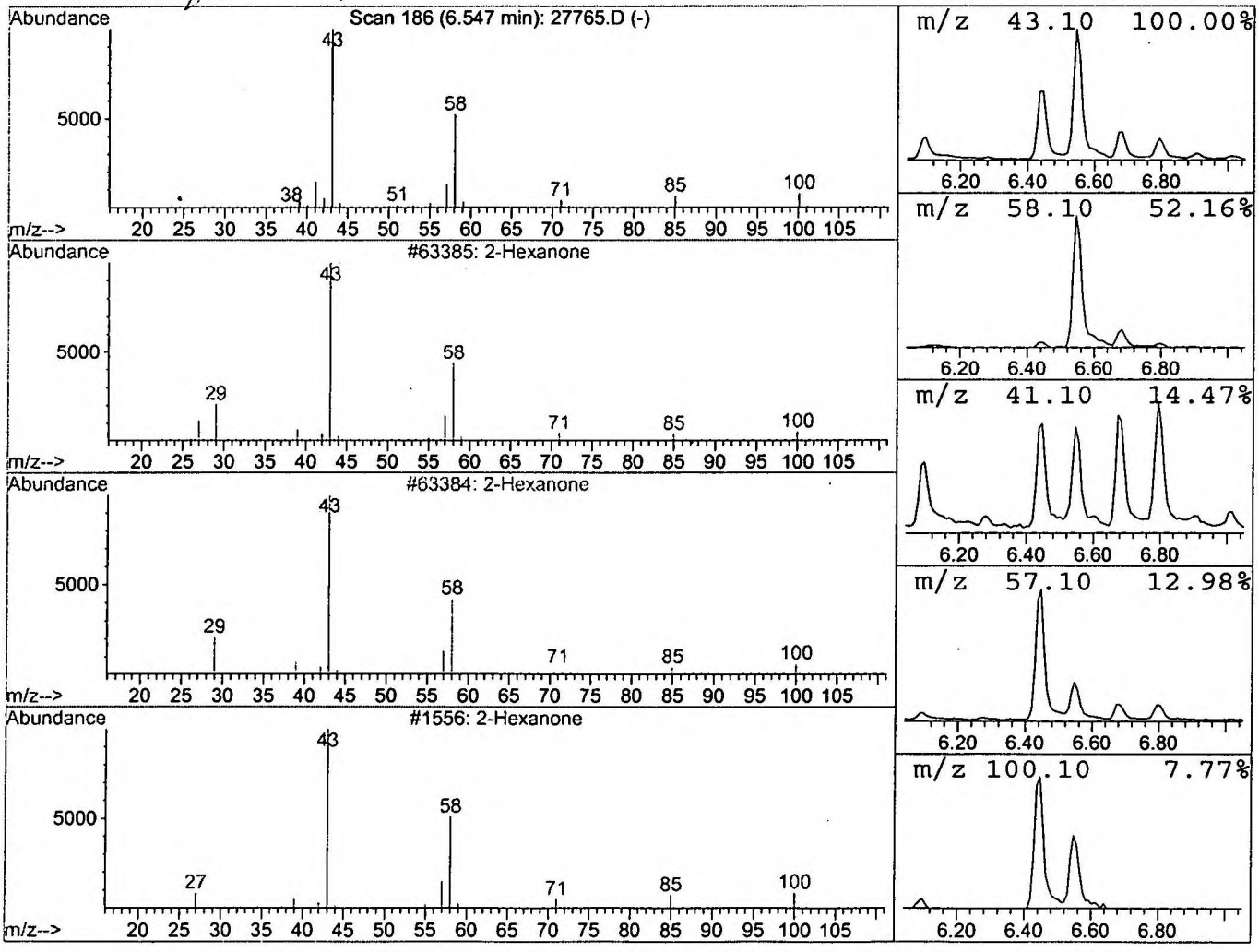
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 6 2-Hexanone  Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.55 | 2.44 ng/uL | 548167 | 1,4-Dichlorobenzene-d4 | 11.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Hexanone | 100 | C6H12O | 000591-78-6 | 91 |
| 2 | 2-Hexanone | 100 | C6H12O | 000591-78-6 | 91 |
| 3 | 2-Hexanone | 100 | C6H12O | 000591-78-6 | 91 |
| 4 | 2-Hexanone | 100 | C6H12O | 000591-78-6 | 72 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27765.D
Acq On : 20 Dec 2001 2:18 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

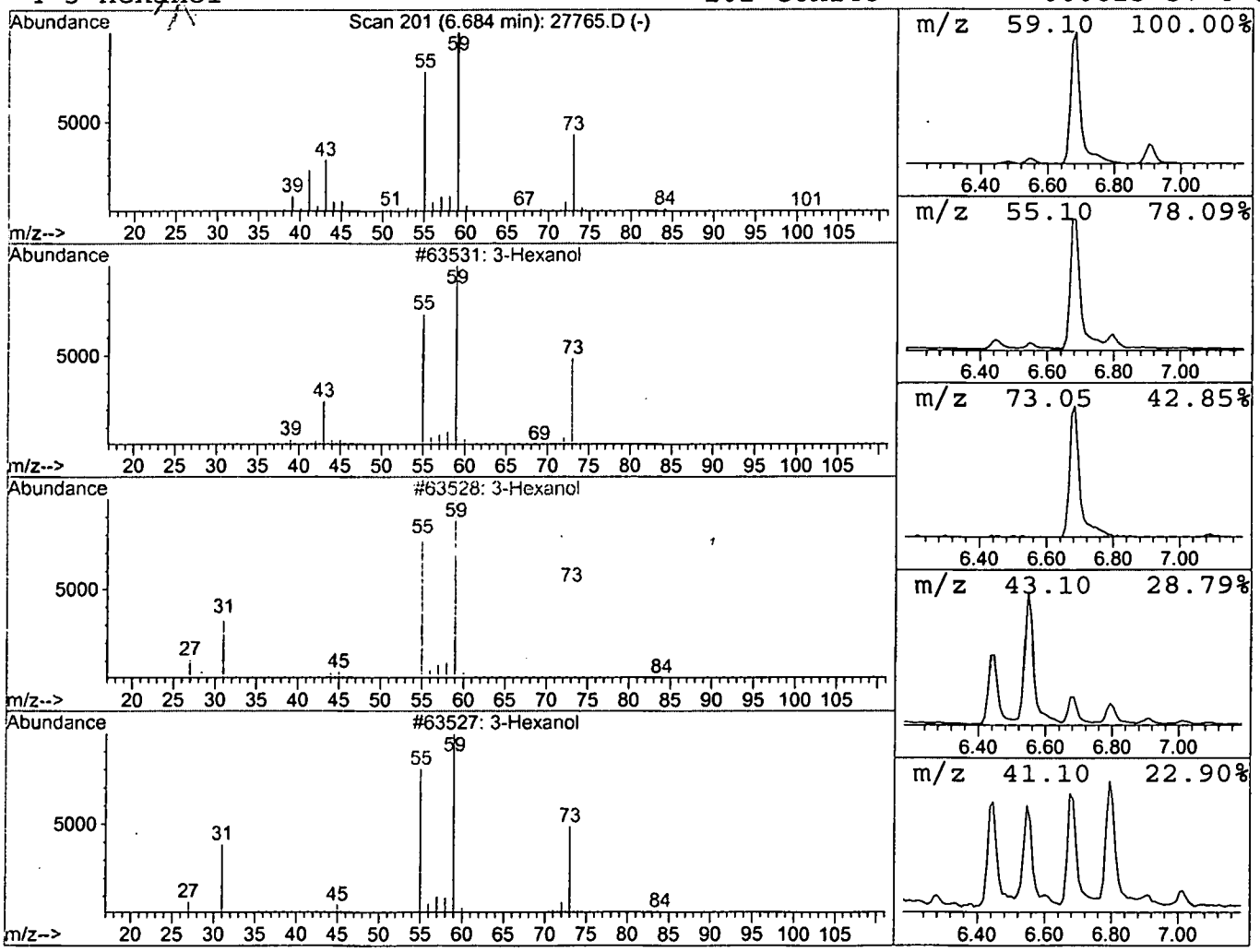
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 7 3-Hexanol Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.68 | 3.08 ng/uL | 692909 | 1,4-Dichlorobenzene-d4 | 11.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Hexanol | 102 | C6H14O | 000623-37-0 | 90 |
| 2 | 3-Hexanol | 102 | C6H14O | 000623-37-0 | 83 |
| 3 | 3-Hexanol | 102 | C6H14O | 000623-37-0 | 83 |
| 4 | 3-Hexanol | 102 | C6H14O | 000623-37-0 | 50 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27765.D
Acq On : 20 Dec 2001 2:18 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

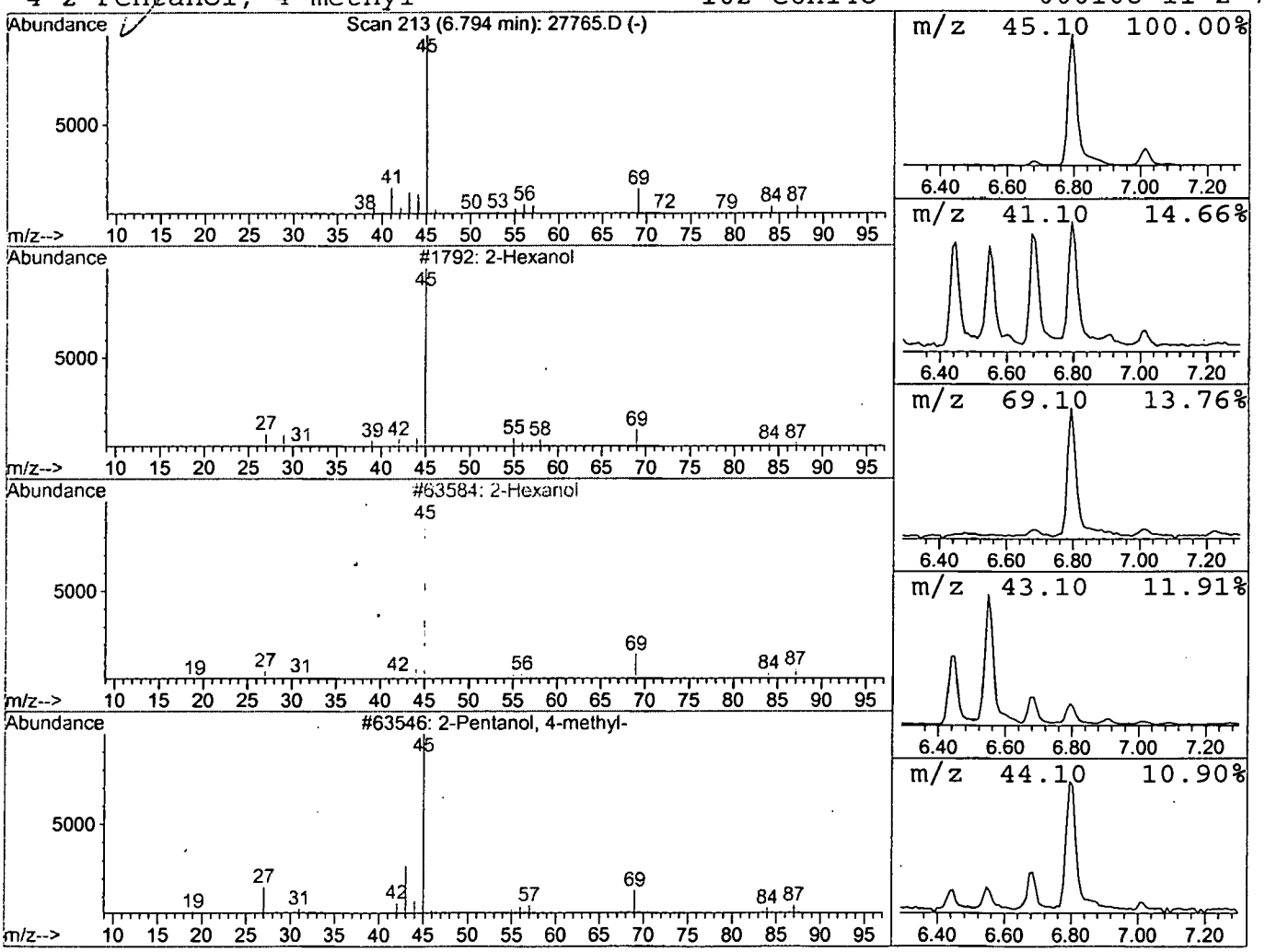
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 8 2-Hexanol Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.79 | 3.00 ng/uL | 673371 | 1,4-Dichlorobenzene-d4 | 11.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Hexanol | 102 | C6H14O | 000626-93-7 | 83 |
| 2 | 2-Hexanol | 102 | C6H14O | 000626-93-7 | 83 |
| 3 | 2-Pentanol, 4-methyl- | 102 | C6H14O | 000108-11-2 | 74 |
| 4 | 2-Pentanol, 4-methyl- | 102 | C6H14O | 000108-11-2 | 74 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27765.D
Acq On : 20 Dec 2001 2:18 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

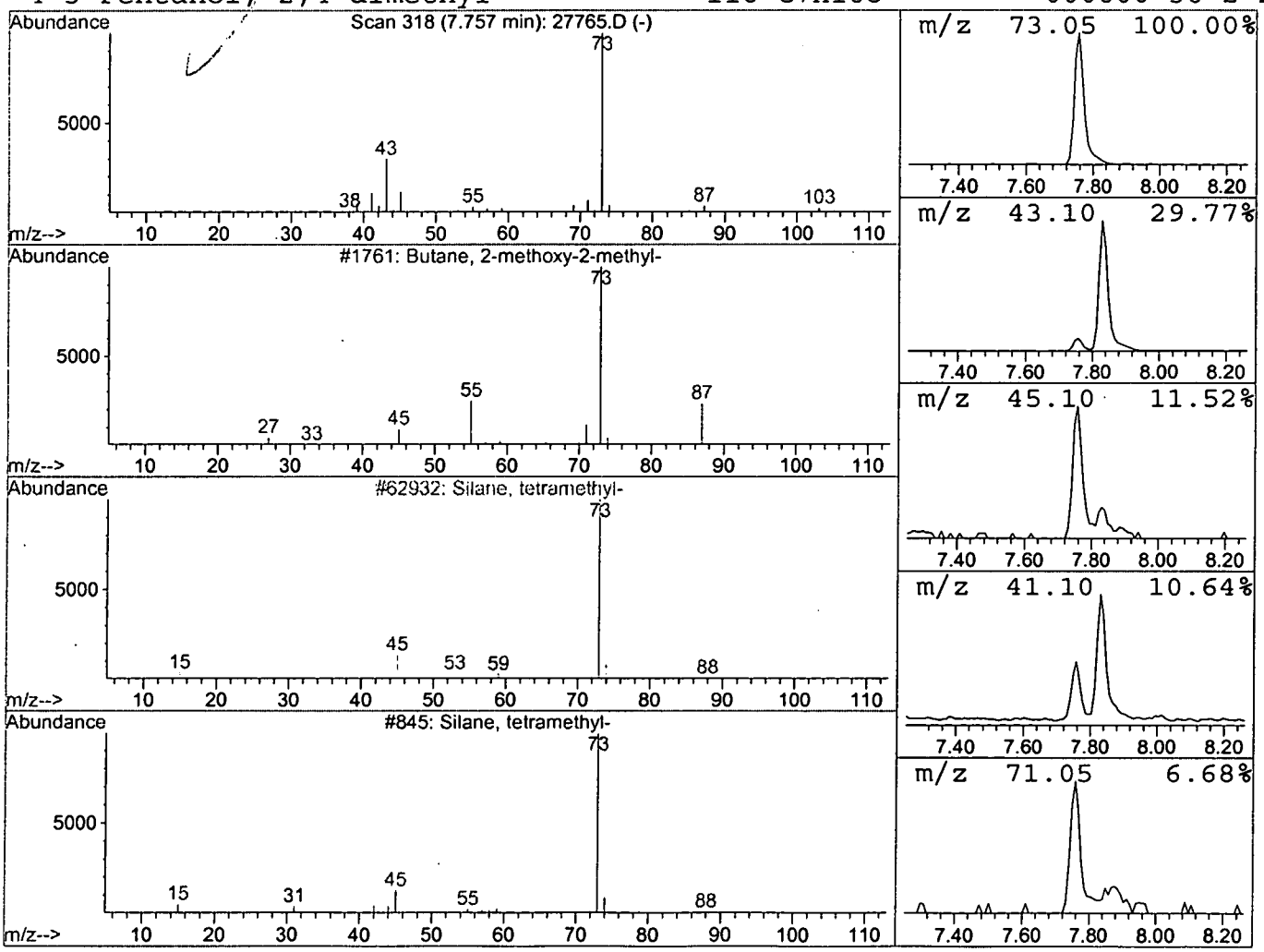
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 9 Butane, 2-methoxy-2-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.76 | 2.09 ng/uL | 470318 | 1,4-Dichlorobenzene-d4 | 11.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 28 |
| 2 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 28 |
| 3 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 28 |
| 4 | 3-Pentanol, 2,4-dimethyl- | 116 | C7H16O | 000600-36-2 | 28 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27765.D  Vial: 8
Acq On : 20 Dec 2001 2:18 am  Operator: GALOS
Sample : gcms unknown 11/16  Inst : GC/MS Ins
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

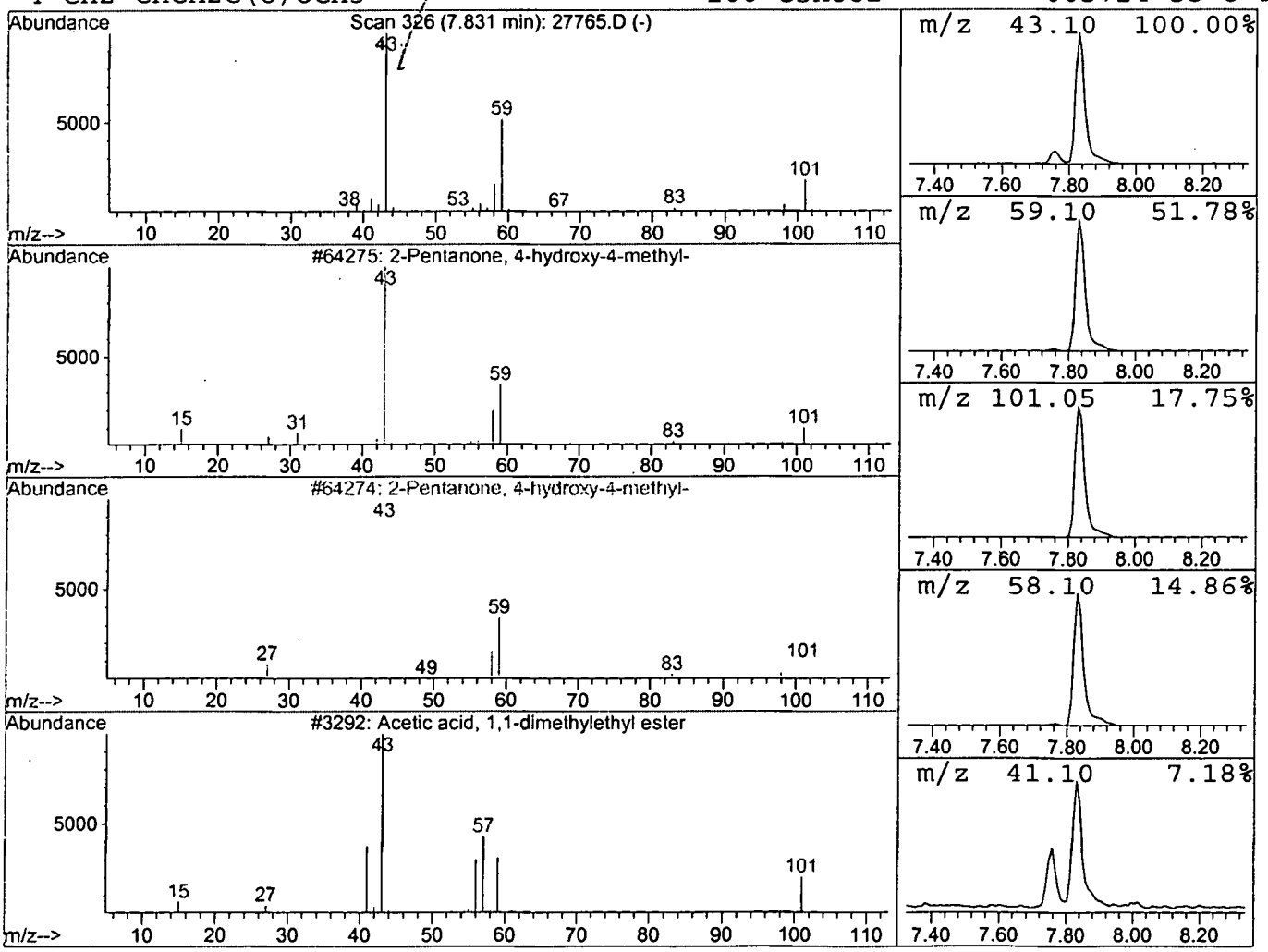
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 10 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.83 | 7.87 ng/uL | 1768640 | 1,4-Dichlorobenzene-d4 | 11.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 38 |
| 2 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 36 |
| 3 | Acetic acid, 1,1-dimethylethyl este | 116 | C6H12O2 | 000540-88-5 | 28 |
| 4 | CH2=CHCH2C(O)OCH3 | 100 | C5H8O2 | 003724-55-8 | 10 |



# Tentatively Identified Compound (LSC) summary

Operator ID: GALOS  Date Acquired: 20 Dec 2001  2:18 am
Data File: C:\HPCHEM\1\DATA\DEC1901\27765.D
Name: gcms unknown 11/16
Misc:
Method: C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title: 208 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

| TIC Top Hit name | RT | EstConc | Units | Area | IntStd | ISRT | ISArea | ISConc |
|---|---|---|---|---|---|---|---|---|
| Acetic acid, anhydri | 5.00 | 7.6 | ng/uL | 1715010 | ISTD01 | 11.87 | 4495910 | 20.0 |
| Oxepane, 2,2,4-trime | 5.10 | 1.4 | ng/uL | 309447 | ISTD01 | 11.87 | 4495910 | 20.0 |
| Oxirane, 3-ethyl-2,2 | 5.16 | 2.5 | ng/uL | 570273 | ISTD01 | 11.87 | 4495910 | 20.0 |
| Furan, tetrahydro-2- | 6.10 | 1.5 | ng/uL | 345083 | ISTD01 | 11.87 | 4495910 | 20.0 |
| 3-Hexanone | 6.45 | 2.7 | ng/uL | 599309 | ISTD01 | 11.87 | 4495910 | 20.0 |
| 2-Hexanone | 6.55 | 2.4 | ng/uL | 548167 | ISTD01 | 11.87 | 4495910 | 20.0 |
| 3-Hexanol | 6.68 | 3.1 | ng/uL | 692909 | ISTD01 | 11.87 | 4495910 | 20.0 |
| 2-Hexanol | 6.79 | 3.0 | ng/uL | 673371 | ISTD01 | 11.87 | 4495910 | 20.0 |
| Butane, 2-methoxy-2- | 7.76 | 2.1 | ng/uL | 470318 | ISTD01 | 11.87 | 4495910 | 20.0 |
| 2-Pentanone, 4-hydro | 7.83 | 7.9 | ng/uL | 1768640 | ISTD01 | 11.87 | 4495910 | 20.0 |

27765.D  NP112701.M  Thu Dec 20 11:23:47 2001

# LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27765.D  Vial: 8
Acq On : 20 Dec 2001 2:18 am  Operator: GALOS
Sample : gcms unknown 11/16  Inst : GC/MS Ins
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/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

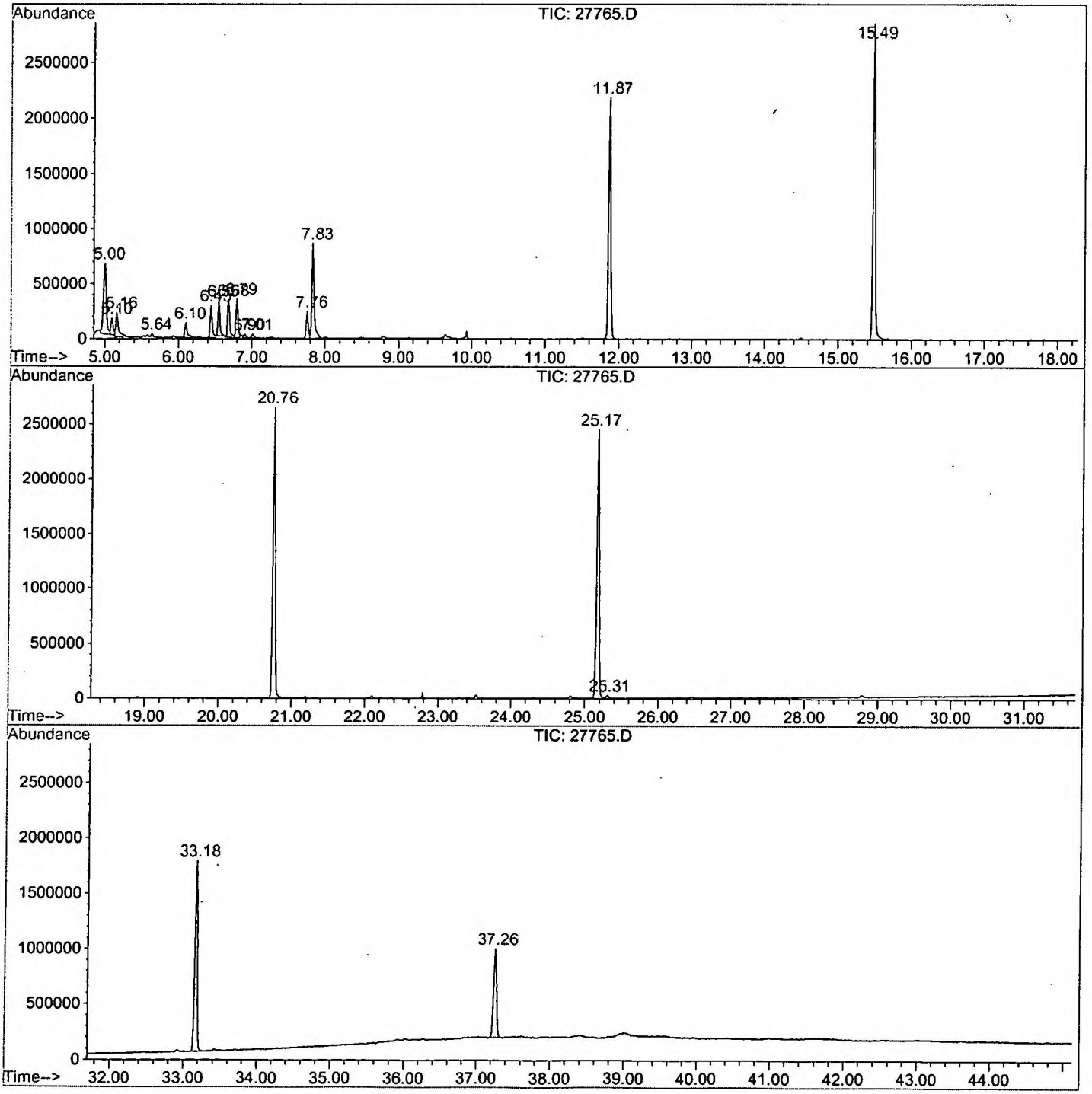
| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.997 | 11 | 17 | 25 | rVV | 643096 | 1715014 | 29.62% | 4.864% |
| 2 | 5.098 | 25 | 28 | 32 | rVV | 152938 | 309447 | 5.34% | 0.878% |
| 3 | 5.162 | 32 | 35 | 52 | rVB2 | 224342 | 570273 | 9.85% | 1.617% |
| 4 | 5.639 | 84 | 87 | 91 | rVV2 | 33387 | 59381 | 1.03% | 0.168% |
| 5 | 6.097 | 132 | 137 | 150 | rBV | 138423 | 345083 | 5.96% | 0.979% |
| 6 | 6.446 | 170 | 175 | 182 | rBV | 293390 | 599309 | 10.35% | 1.700% |
| 7 | 6.547 | 182 | 186 | 191 | rBV | 321302 | 548167 | 9.47% | 1.555% |
| 8 | 6.684 | 197 | 201 | 209 | rBV | 339744 | 692909 | 11.97% | 1.965% |
| 9 | 6.794 | 209 | 213 | 218 | rVV | 353195 | 673371 | 11.63% | 1.910% |
| 10 | 6.904 | 222 | 225 | 231 | rVB | 33201 | 72917 | 1.26% | 0.207% |
| 11 | 7.014 | 233 | 237 | 241 | rVB | 35492 | 64830 | 1.12% | 0.184% |
| 12 | 7.757 | 313 | 318 | 322 | rBV | 245142 | 470318 | 8.12% | 1.334% |
| 13 | 7.831 | 322 | 326 | 341 | rVB | 862392 | 1768637 | 30.54% | 5.016% |
| 14 | 11.875 | 761 | 767 | 778 | rVB | 2184121 | 4495911 | 77.64% | 12.751% |
| 15 | 15.488 | 1155 | 1161 | 1179 | rBV | 2848979 | 5790722 | 100.00% | 16.423% |
| 16 | 20.760 | 1728 | 1736 | 1749 | rBV | 2653870 | 5634603 | 97.30% | 15.981% |
| 17 | 25.171 | 2205 | 2217 | 2225 | rBV2 | 2450888 | 5288952 | 91.33% | 15.000% |
| 18 | 25.309 | 2228 | 2232 | 2238 | rVB | 27663 | 65688 | 1.13% | 0.186% |
| 19 | 33.177 | 3083 | 3090 | 3101 | rVB2 | 1723348 | 3942642 | 68.09% | 11.182% |
| 20 | 37.257 | 3529 | 3535 | 3542 | rVB2 | 804954 | 2150658 | 37.14% | 6.100% |

Sum of corrected areas: 35258832

27765.D NP112701.M Thu Dec 20 11:44:26 2001

# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27765.D
Operator : GALOS
Acquired : 20 Dec 2001 2:18 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/16
Misc Info :
Vial Number: 8
Quant File :NP112701.RES (RTE Integrator)




27765.D NP112701.M Thu Dec 20 11:44:28 2001

# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27765.D  Vial: 8
Acq On : 20 Dec 2001 2:18 am  Operator: GALOS
Sample : gcms unknown 11/16  Inst : GC/MS Ins
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

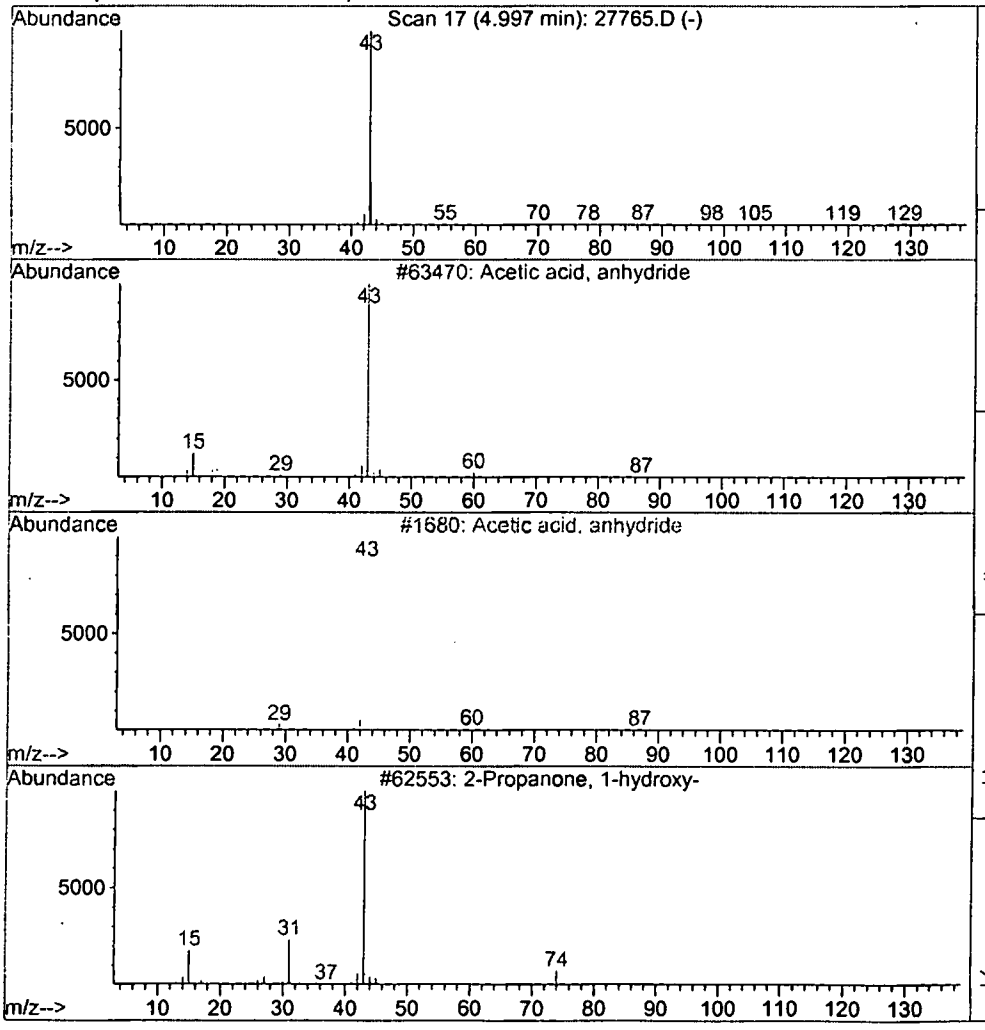
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

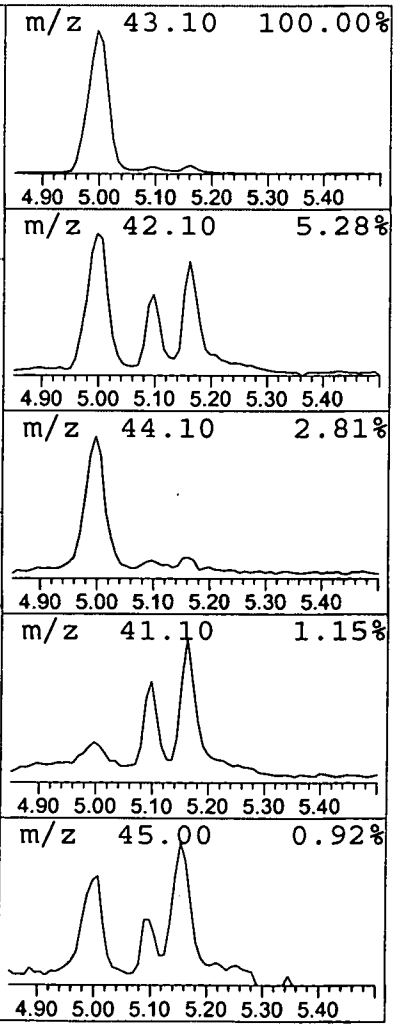
**********

Peak Number 1 Acetic acid, anhydride  Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.00 | 7.63 ng/uL | 1715010 | 1,4-Dichlorobenzene-d4 | 11.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acetic acid, anhydride | 102 | C4H6O3 | 000108-24-7 | 2 |
| 2 | Acetic acid, anhydride | 102 | C4H6O3 | 000108-24-7 | 2 |
| 3 | 2-Propanone, 1-hydroxy- | 74 | C3H6O2 | 000116-09-6 | 2 |
| 4 | 1,1-Ethanediol, diacetate | 146 | C6H10O4 | 000542-10-9 | 2 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27765.D  Vial: 8
Acq On : 20 Dec 2001 2:18 am  Operator: GALOS
Sample : gcms unknown 11/16  Inst : GC/MS Ins
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

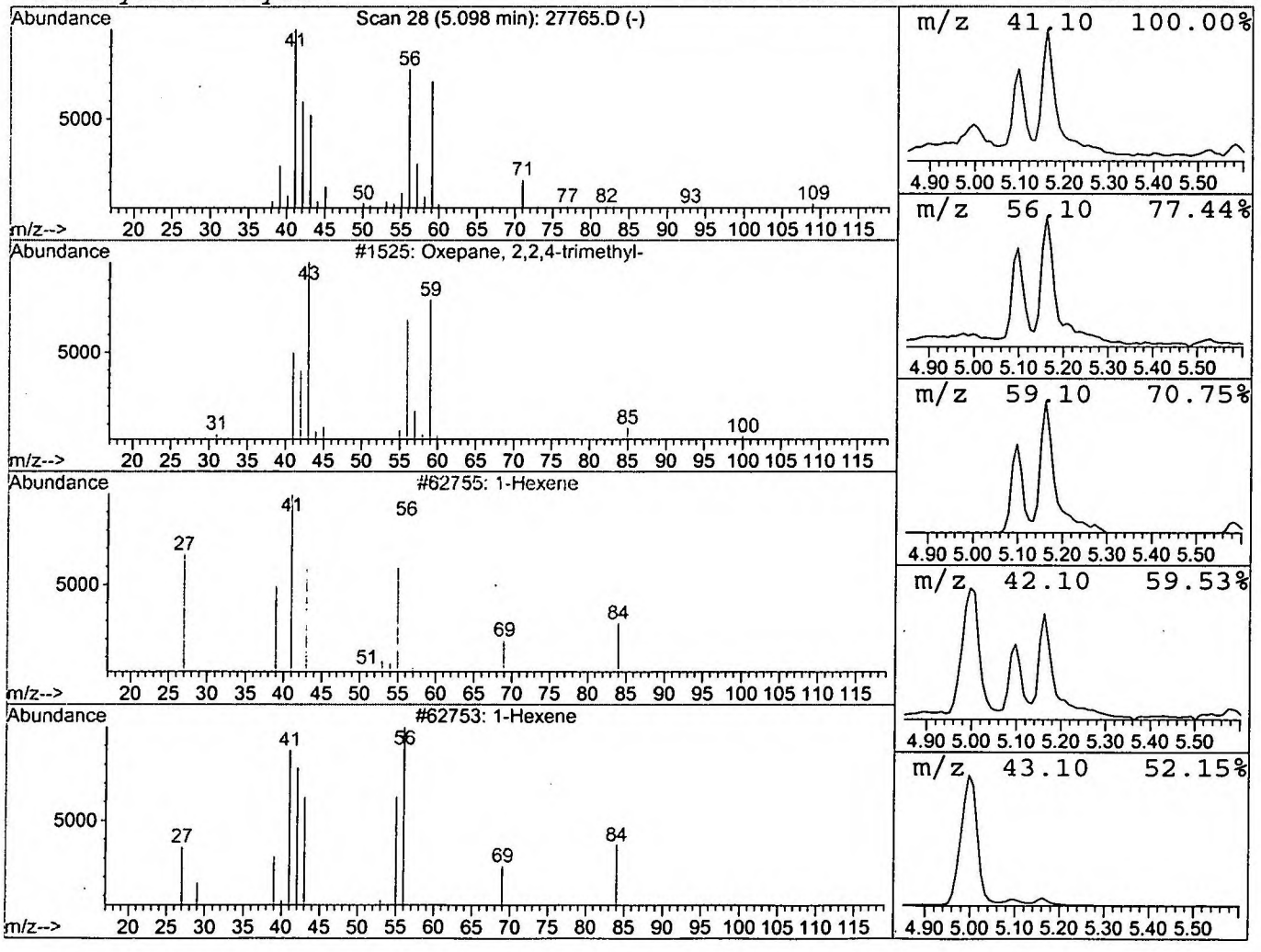
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 2 Oxepane, 2,2,4-trimethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.10 | 1.38 ng/uL | 309447 | 1,4-Dichlorobenzene-d4 | 11.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxepane, 2,2,4-trimethyl- | 100 | C6H12O | 023120-44-7 | 36 |
| 2 | 1-Hexene | 84 | C6H12 | 000592-41-6 | 33 |
| 3 | 1-Hexene | 84 | C6H12 | 000592-41-6 | 33 |
| 4 | Hexylene Glycol | 118 | C6H14O2 | 000107-41-5 | 10 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27765.D
Acq On : 20 Dec 2001 2:18 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

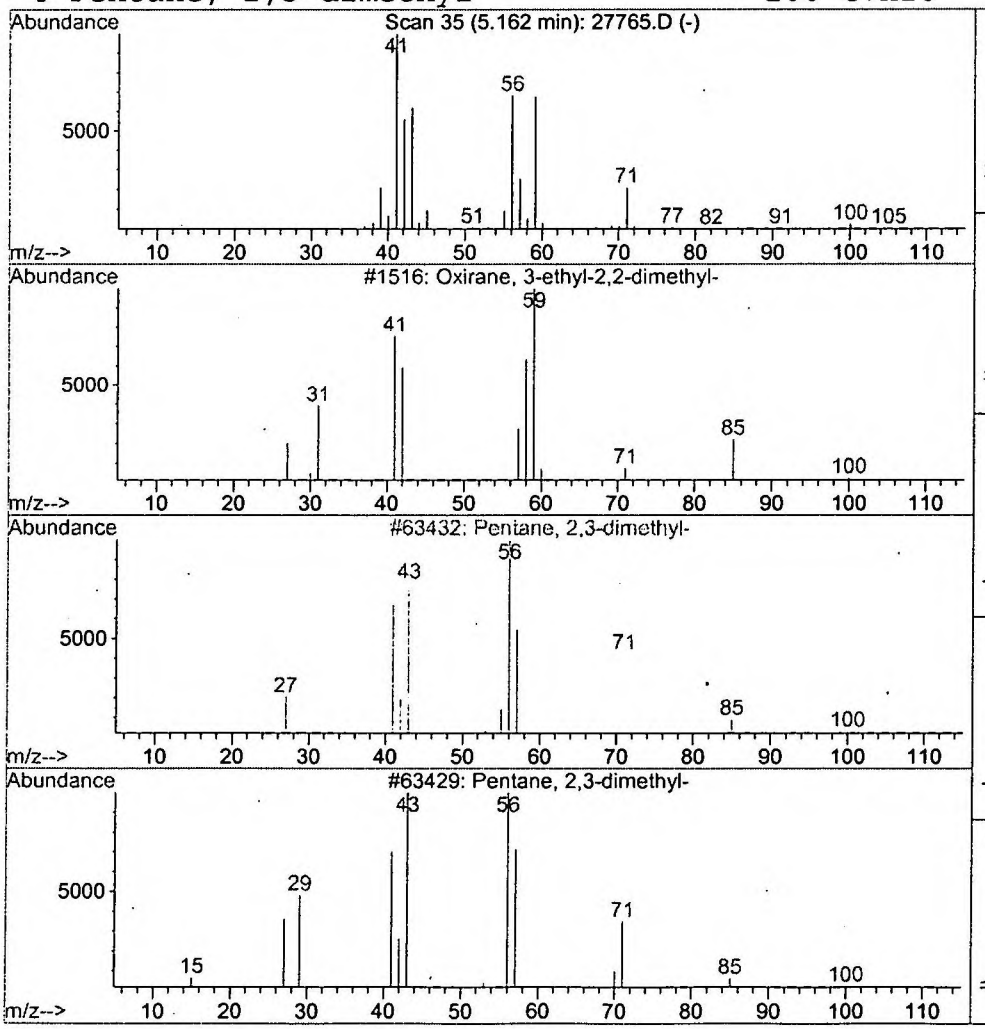
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

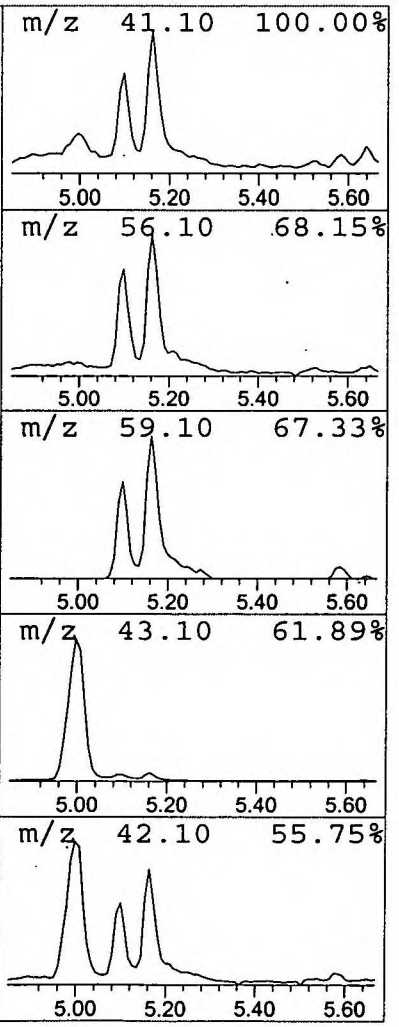
**********

Peak Number 3 Oxirane, 3-ethyl-2,2-dimethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.16 | 2.54 ng/uL | 570273 | 1,4-Dichlorobenzene-d4 | 11.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxirane, 3-ethyl-2,2-dimethyl- | 100 | C6H12O | 001192-22-9 | 43 |
| 2 | Pentane, 2,3-dimethyl- | 100 | C7H16 | 000565-59-3 | 35 |
| 3 | Pentane, 2,3-dimethyl- | 100 | C7H16 | 000565-59-3 | 35 |
| 4 | Pentane, 2,3-dimethyl- | 100 | C7H16 | 000565-59-3 | 35 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27765.D  Vial: 8
Acq On : 20 Dec 2001 2:18 am  Operator: GALOS
Sample : gcms unknown 11/16  Inst : GC/MS Ins
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

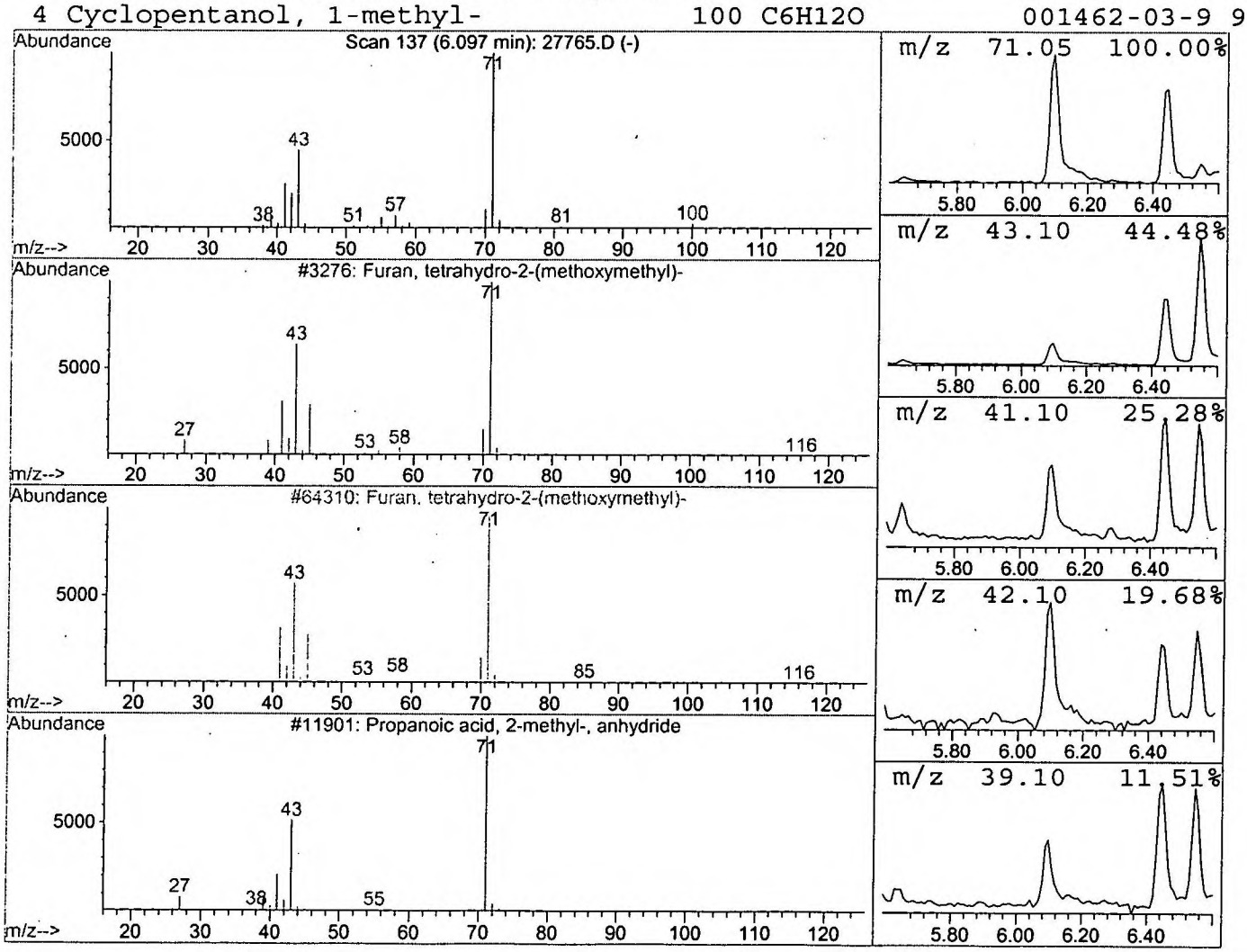
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 4 Furan, tetrahydro-2-(methoxyme Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.10 | 1.54 ng/uL | 345083 | 1,4-Dichlorobenzene-d4 | 11.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Furan, tetrahydro-2-(methoxymethyl) | 116 | C6H12O2 | 019354-27-9 | 59 |
| 2 | Furan, tetrahydro-2-(methoxymethyl) | 116 | C6H12O2 | 019354-27-9 | 45 |
| 3 | Propanoic acid, 2-methyl-, anhydrid | 158 | C8H14O3 | 000097-72-3 | 42 |
| 4 | Cyclopentanol, 1-methyl- | 100 | C6H12O | 001462-03-9 | 9 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27765.D  Vial: 8
Acq On : 20 Dec 2001 2:18 am  Operator: GALOS
Sample : gcms unknown 11/16  Inst : GC/MS Ins
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

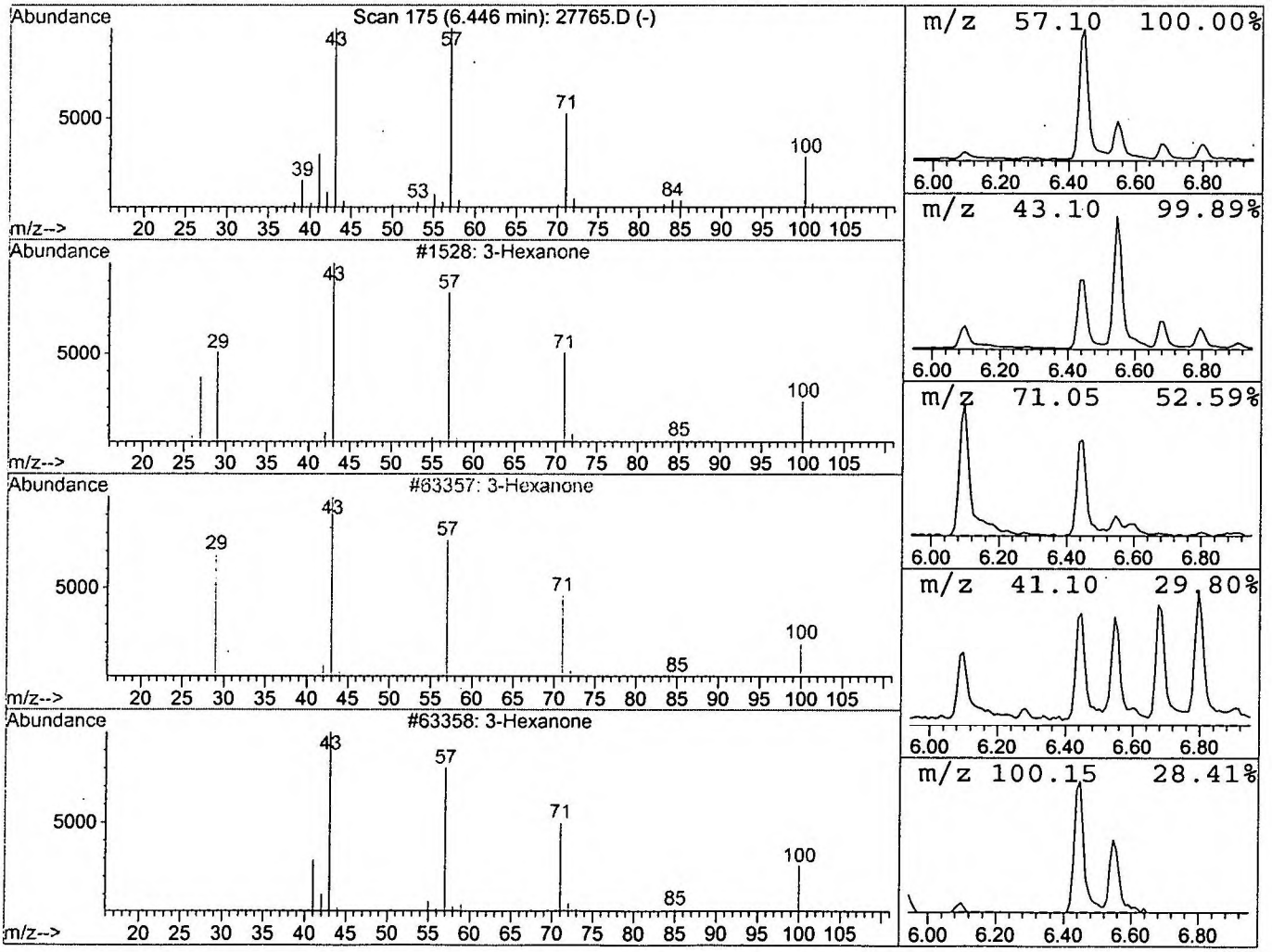
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 5 3-Hexanone  Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.45 | 2.67 ng/uL | 599309 | 1,4-Dichlorobenzene-d4 | 11.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Hexanone | 100 | C6H12O | 000589-38-8 | 91 |
| 2 | 3-Hexanone | 100 | C6H12O | 000589-38-8 | 90 |
| 3 | 3-Hexanone | 100 | C6H12O | 000589-38-8 | 90 |
| 4 | 3-Hexanone | 100 | C6H12O | 000589-38-8 | 64 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27765.D  Vial: 8
Acq On : 20 Dec 2001 2:18 am  Operator: GALOS
Sample : gcms unknown 11/16  Inst : GC/MS Ins
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

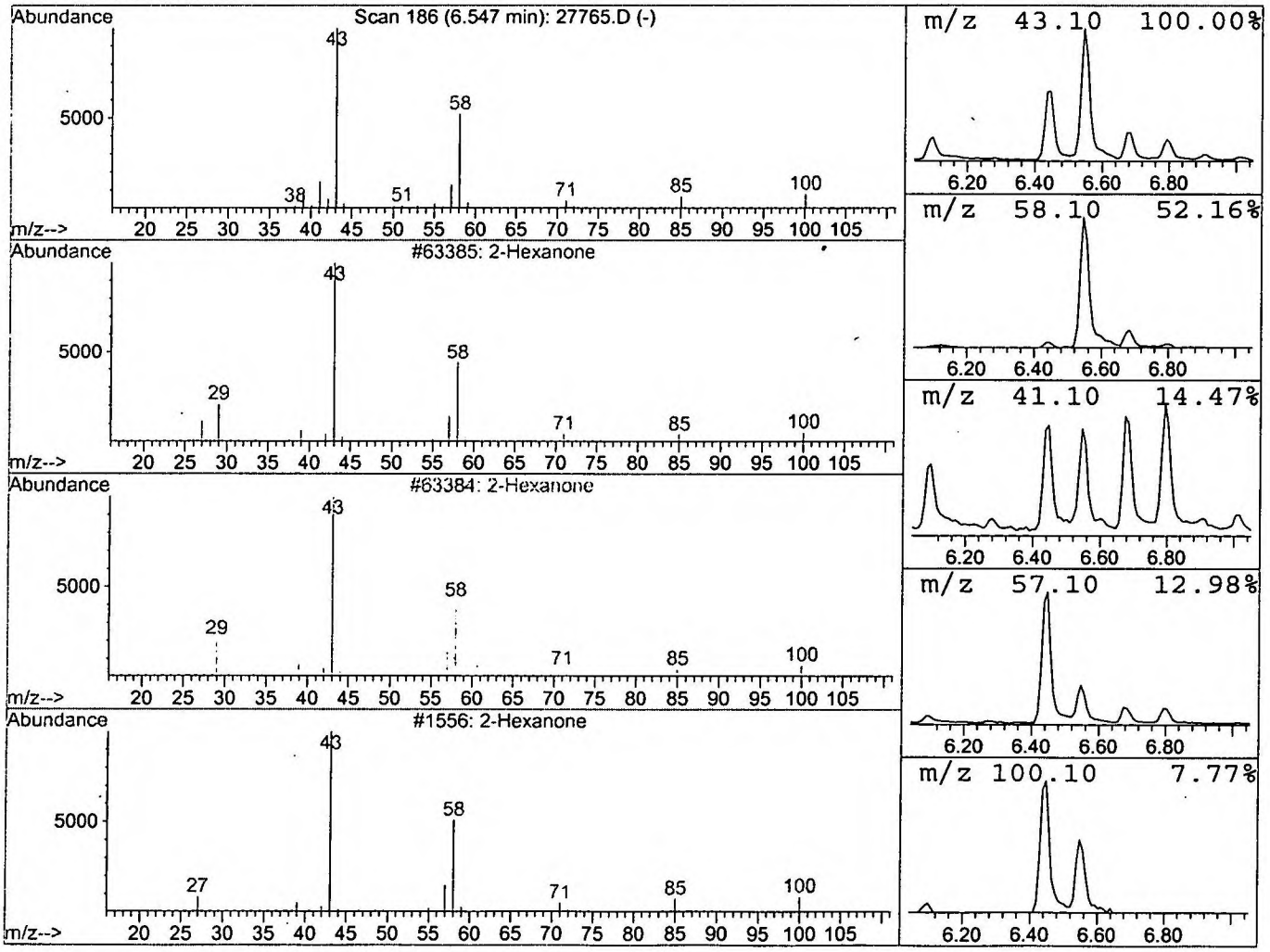
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 6 2-Hexanone  Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.55 | 2.44 ng/uL | 548167 | 1,4-Dichlorobenzene-d4 | 11.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Hexanone | 100 | C6H12O | 000591-78-6 | 91 |
| 2 | 2-Hexanone | 100 | C6H12O | 000591-78-6 | 91 |
| 3 | 2-Hexanone | 100 | C6H12O | 000591-78-6 | 91 |
| 4 | 2-Hexanone | 100 | C6H12O | 000591-78-6 | 72 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27765.D  Vial: 8
Acq On : 20 Dec 2001 2:18 am  Operator: GALOS
Sample : gcms unknown 11/16  Inst : GC/MS Ins
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

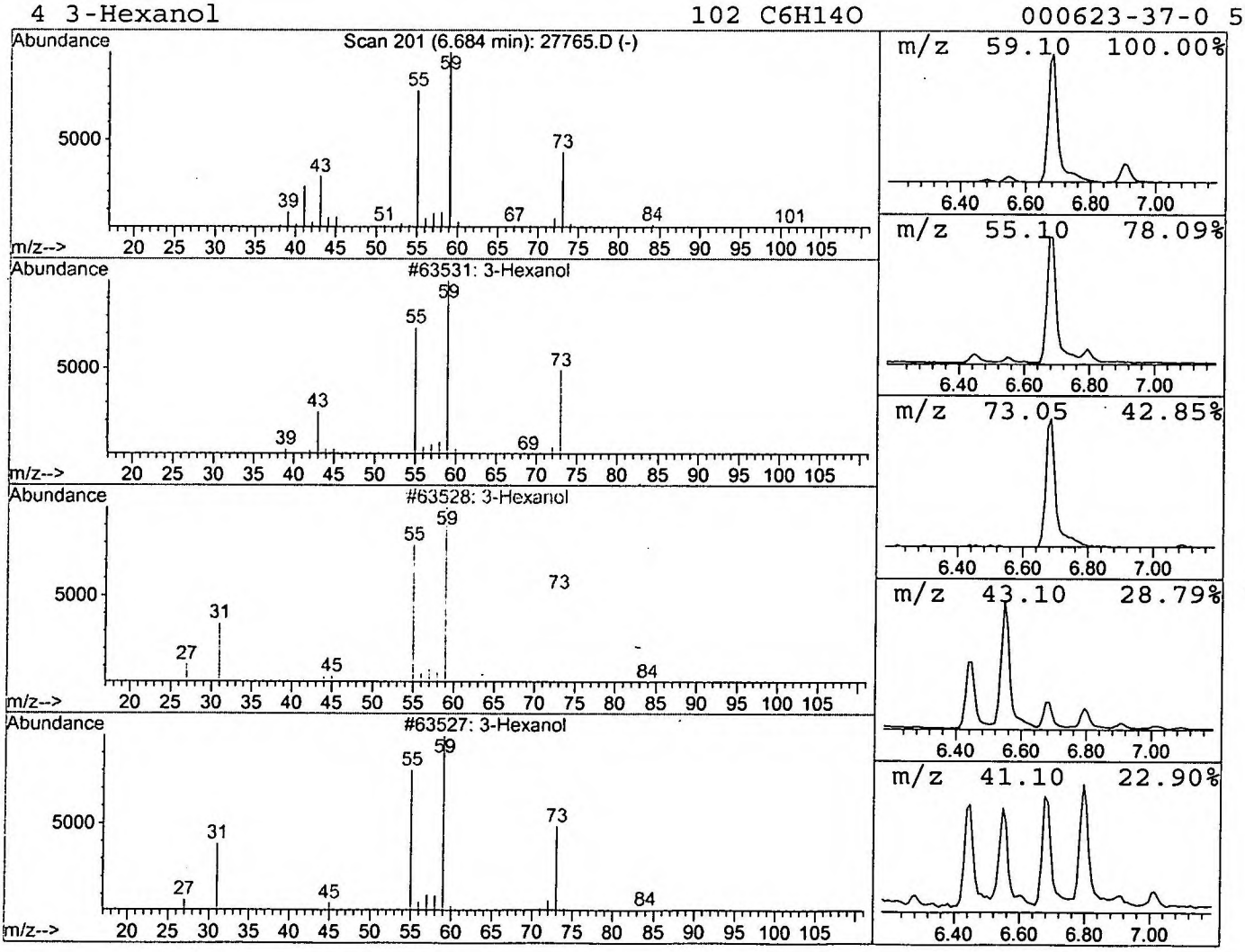
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 7 3-Hexanol  Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.68 | 3.08 ng/uL | 692909 | 1,4-Dichlorobenzene-d4 | 11.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Hexanol | 102 | C6H14O | 000623-37-0 | 90 |
| 2 | 3-Hexanol | 102 | C6H14O | 000623-37-0 | 83 |
| 3 | 3-Hexanol | 102 | C6H14O | 000623-37-0 | 83 |
| 4 | 3-Hexanol | 102 | C6H14O | 000623-37-0 | 50 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27765.D
Acq On : 20 Dec 2001 2:18 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

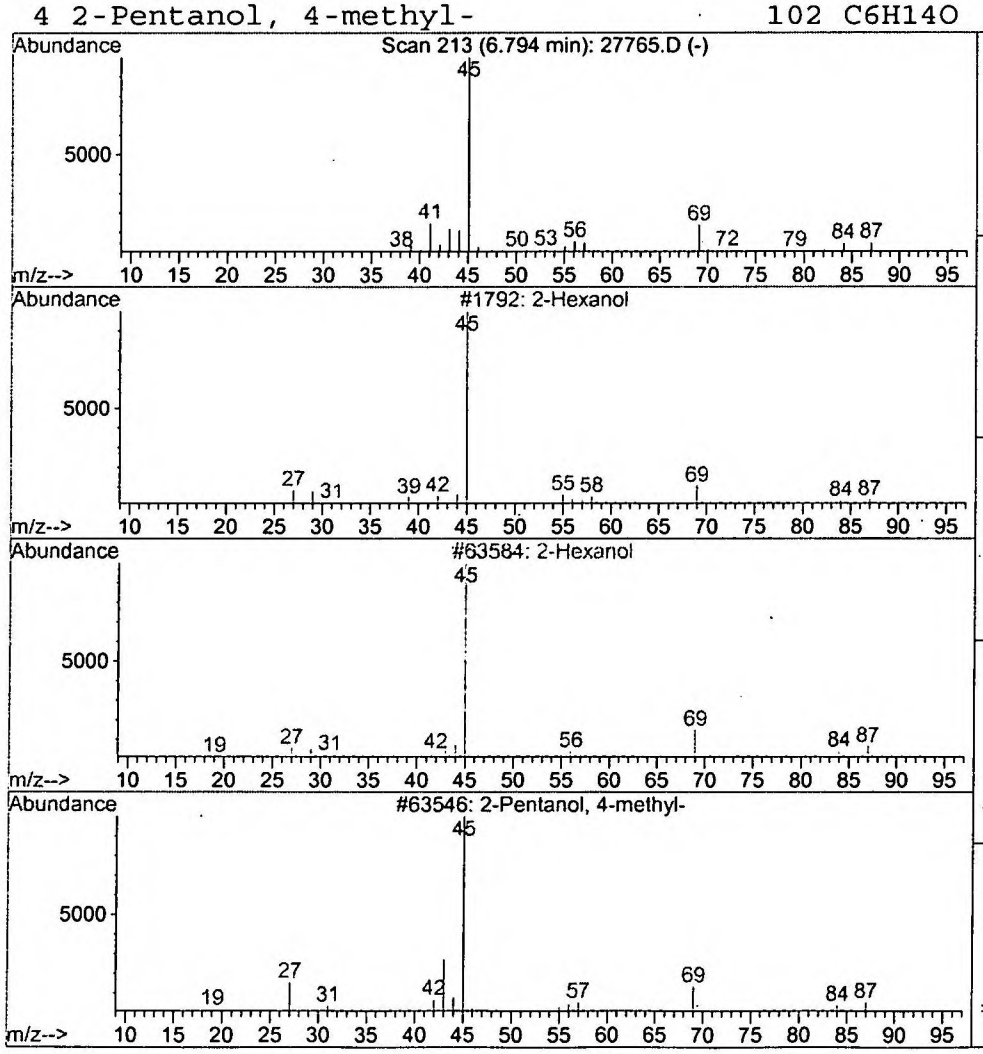
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

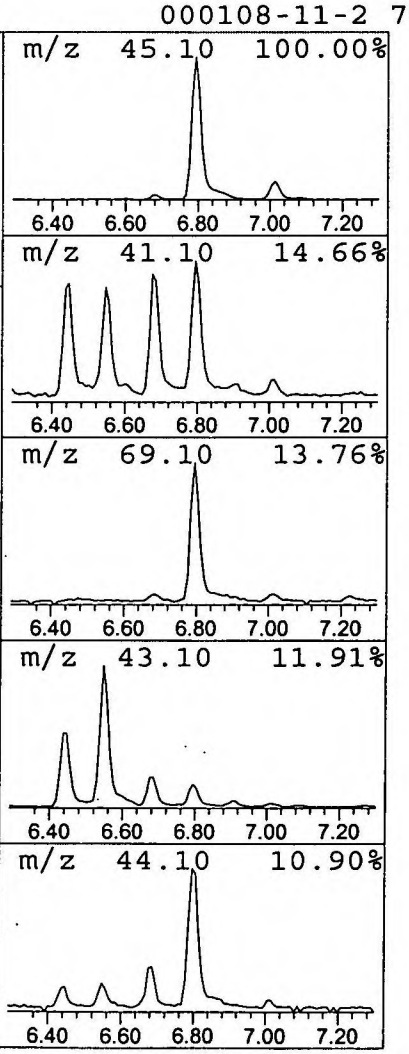
**********

Peak Number 8 2-Hexanol — Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.79 | 3.00 ng/uL | 673371 | 1,4-Dichlorobenzene-d4 | 11.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Hexanol | 102 | C6H14O | 000626-93-7 | 83 |
| 2 | 2-Hexanol | 102 | C6H14O | 000626-93-7 | 83 |
| 3 | 2-Pentanol, 4-methyl- | 102 | C6H14O | 000108-11-2 | 74 |
| 4 | 2-Pentanol, 4-methyl- | 102 | C6H14O | 000108-11-2 | 74 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27765.D  Vial: 8
Acq On : 20 Dec 2001 2:18 am  Operator: GALOS
Sample : gcms unknown 11/16  Inst : GC/MS Ins
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

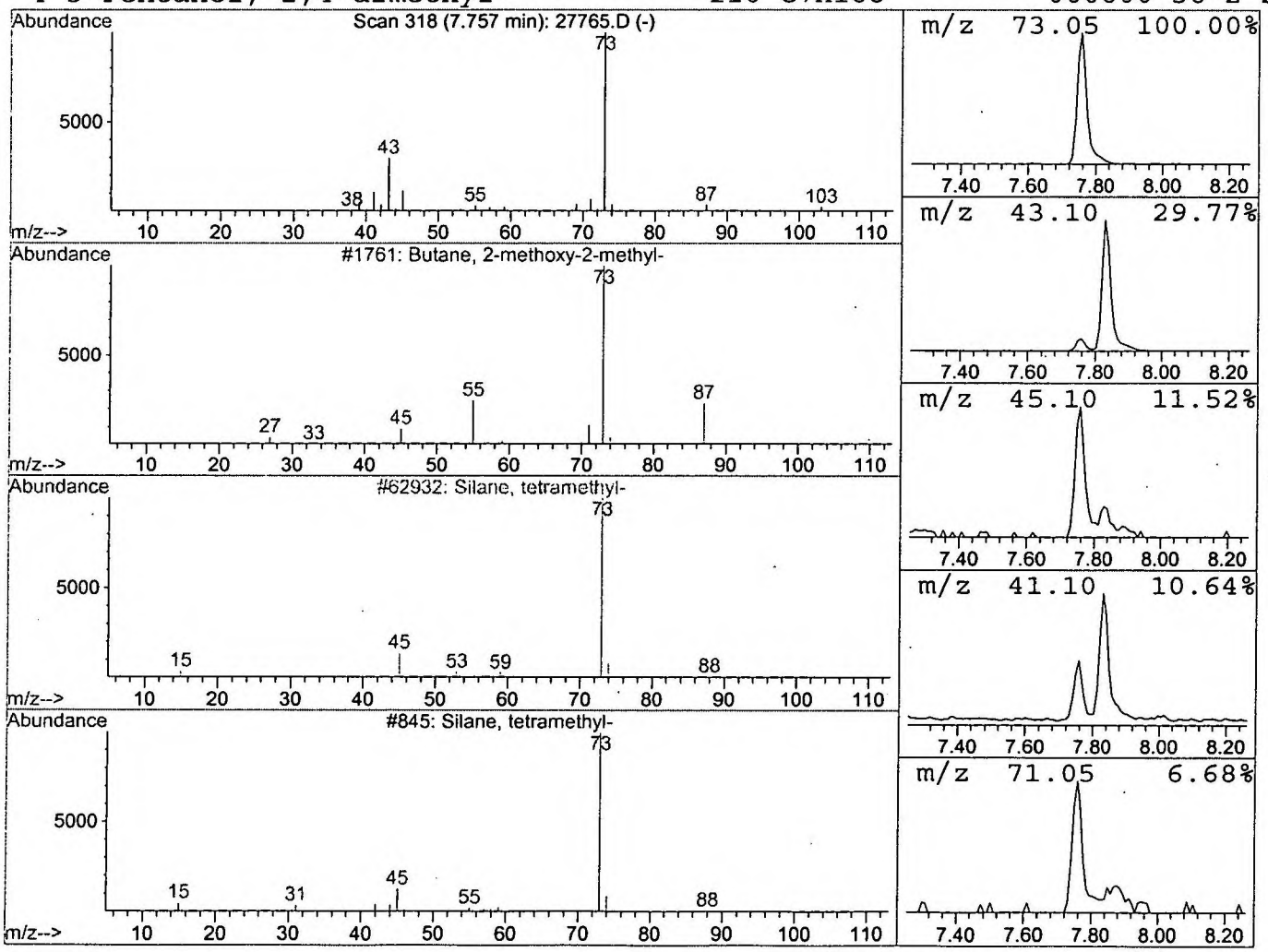
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 9 Butane, 2-methoxy-2-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.76 | 2.09 ng/uL | 470318 | 1,4-Dichlorobenzene-d4 | 11.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 28 |
| 2 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 28 |
| 3 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 28 |
| 4 | 3-Pentanol, 2,4-dimethyl- | 116 | C7H16O | 000600-36-2 | 28 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27765.D  Vial: 8
Acq On : 20 Dec 2001 2:18 am  Operator: GALOS
Sample : gcms unknown 11/16  Inst : GC/MS Ins
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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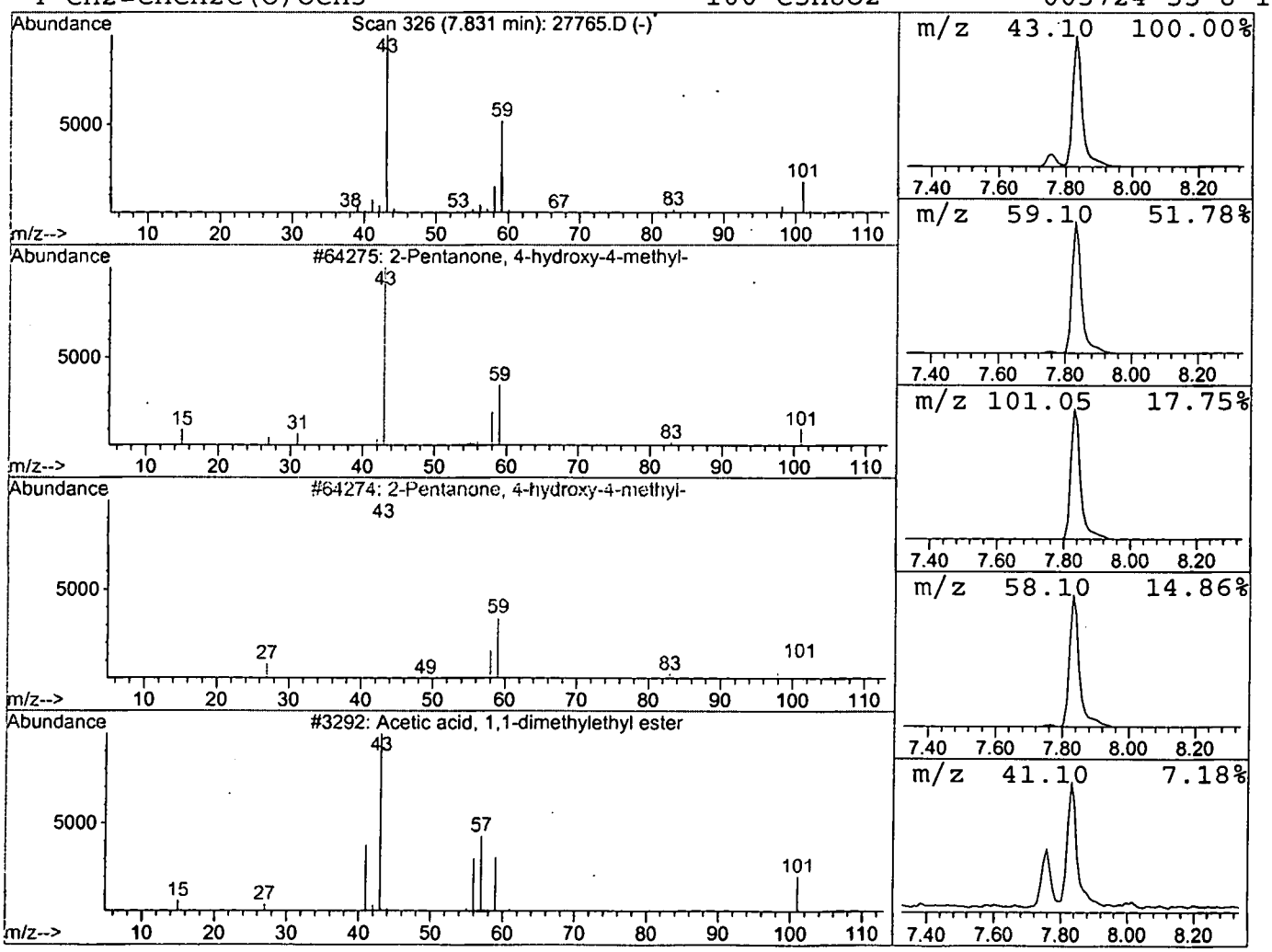
Peak Number 10 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.83 | 7.87 ng/uL | 1768640 | 1,4-Dichlorobenzene-d4 | 11.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 38 |
| 2 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 36 |
| 3 | Acetic acid, 1,1-dimethylethyl este | 116 | C6H12O2 | 000540-88-5 | 28 |
| 4 | CH2=CHCH2C(O)OCH3 | 100 | C5H8O2 | 003724-55-8 | 10 |



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 20 Dec 2001 2:18 am
Data File: C:\HPCHEM\1\DATA\DEC1901\27765.D
Name: gcms unknown 11/16
Misc:
Method: C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title: 208 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

| TIC Top Hit name | RT | EstConc | Units | Area | IntStd | ISRT | ISArea | ISConc |
|---|---|---|---|---|---|---|---|---|
| Acetic acid, anhydri | 5.00 | 7.6 | ng/uL | 1715010 | ISTD01 | 11.87 | 4495910 | 20.0 |
| Oxepane, 2,2,4-trime | 5.10 | 1.4 | ng/uL | 309447 | ISTD01 | 11.87 | 4495910 | 20.0 |
| Oxirane, 3-ethyl-2,2 | 5.16 | 2.5 | ng/uL | 570273 | ISTD01 | 11.87 | 4495910 | 20.0 |
| Furan, tetrahydro-2- | 6.10 | 1.5 | ng/uL | 345083 | ISTD01 | 11.87 | 4495910 | 20.0 |
| 3-Hexanone | 6.45 | 2.7 | ng/uL | 599309 | ISTD01 | 11.87 | 4495910 | 20.0 |
| 2-Hexanone | 6.55 | 2.4 | ng/uL | 548167 | ISTD01 | 11.87 | 4495910 | 20.0 |
| 3-Hexanol | 6.68 | 3.1 | ng/uL | 692909 | ISTD01 | 11.87 | 4495910 | 20.0 |
| 2-Hexanol | 6.79 | 3.0 | ng/uL | 673371 | ISTD01 | 11.87 | 4495910 | 20.0 |
| Butane, 2-methoxy-2- | 7.76 | 2.1 | ng/uL | 470318 | ISTD01 | 11.87 | 4495910 | 20.0 |
| 2-Pentanone, 4-hydro | 7.83 | 7.9 | ng/uL | 1768640 | ISTD01 | 11.87 | 4495910 | 20.0 |

27765.D NP112701.M Thu Dec 20 11:44:51 2001