User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 13:54:11

Sample: AD27679
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/3/02 13:52 Ended: 1/3/02 13:52 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 AD27679 - Analysis $GCMS**

Vestchester Dept. of Labs & Research
Iser: Galos, Marie
)ate: 01-03-2002 Time: 13:54:26

, 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\27679.D Vial: 6
Acq On : 19 Dec 2001 11:43 am Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 19 13:17 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 | 11.85 | 152 | 698491 | 20.00 | ng/uL | -0.08 |
| 19) Naphthalene-d8 | 15.46 | 136 | 2739924 | 20.00 | ng/uL | -0.09 |
| 31) Acenaphthene-d10 | 20.73 | 164 | 1192921 | 20.00 | ng/uL | -0.09 |
| 49) Phenanthrene-d10 | 25.14 | 188 | 1764595 | 20.00 | ng/uL | -0.10 |
| 59) Chrysene-d12 | 33.14 | 240 | 1208198 | 20.00 | ng/uL | -0.11 |
| 68) Perylene-d12 | 37.22 | 264 | 813710 | 20.00 | ng/uL | -0.12 |
| **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 | 11.12 | 99 | 312 | 0.01 | ng/uL | 0.00 |
| Spiked Amount 75.000 | Range 19 - 32 | | Recovery = | 0.01%# | | |
| 6) 2-Chlorophenol-d4 | 0.00 | 132 | 0 | 0.00 | ng/uL | |
| Spiked Amount 75.000 | Range 34 - 84 | | Recovery = | 0.00%# | | |
| 7) 1,2-Dichlorobenzene-d4 | 0.00 | 152 | 0 | 0.00 | ng/uL | |
| Spiked Amount 50.000 | Range 26 - 73 | | Recovery = | 0.00%# | | |
| 20) Nitrobenzene-d5 | 0.00 | 82 | 0 | 0.00 | ng/uL | |
| Spiked Amount 50.000 | Range 55 - 98 | | Recovery = | 0.00%# | | |
| 32) 2-Fluorobiphenyl | 18.89 | 172 | 679 | 0.01 | ng/uL | 0.06 |
| Spiked Amount 50.000 | Range 42 - 78 | | Recovery = | 0.02%# | | |
| 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 | 0.00 | 244 | 0 | 0.00 | ng/uL | |
| Spiked Amount 50.000 | Range 58 - 98 | | Recovery = | 0.00%# | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Pyridine | 0.00 | 79 | 0 | 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 | 12.84 | 45 | 1450 | 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\27679.D Vial: 6
Acq On : 19 Dec 2001 11:43 am Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 19 13:17 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 | 0.00 | 82 | 0 | 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 | 0.00 | 128 | 0 | 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 | 0.00 | 65 | 0 | N.D. | |
| 44) | 2,4-Dinitrotoluene | 0.00 | 165 | 0 | N.D. | |
| 45) | Diethylphthalate | 0.00 | 149 | 0 | N.D. | |
| 46) | 4-Chlorophenylphenylether | 0.00 | 204 | 0 | N.D. | |
| 47) | Fluorene | 0.00 | 166 | 0 | N.D. | |
| 48) | Azobenzen/ 1,2-Diphenylhyd | 0.00 | 77 | 0 | 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 | 0.00 | 178 | 0 | N.D. | |
| 56) | Anthracene | 0.00 | 178 | 0 | N.D. | |
| 57) | Di-n-butylphthalate | 27.13 | 149 | 1830 ✓ | N.D. | |
| 58) | Fluoranthene | 0.00 | 202 | 0 | N.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\27679.D Vial: 6
Acq On : 19 Dec 2001 11:43 am Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 19 13:17 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

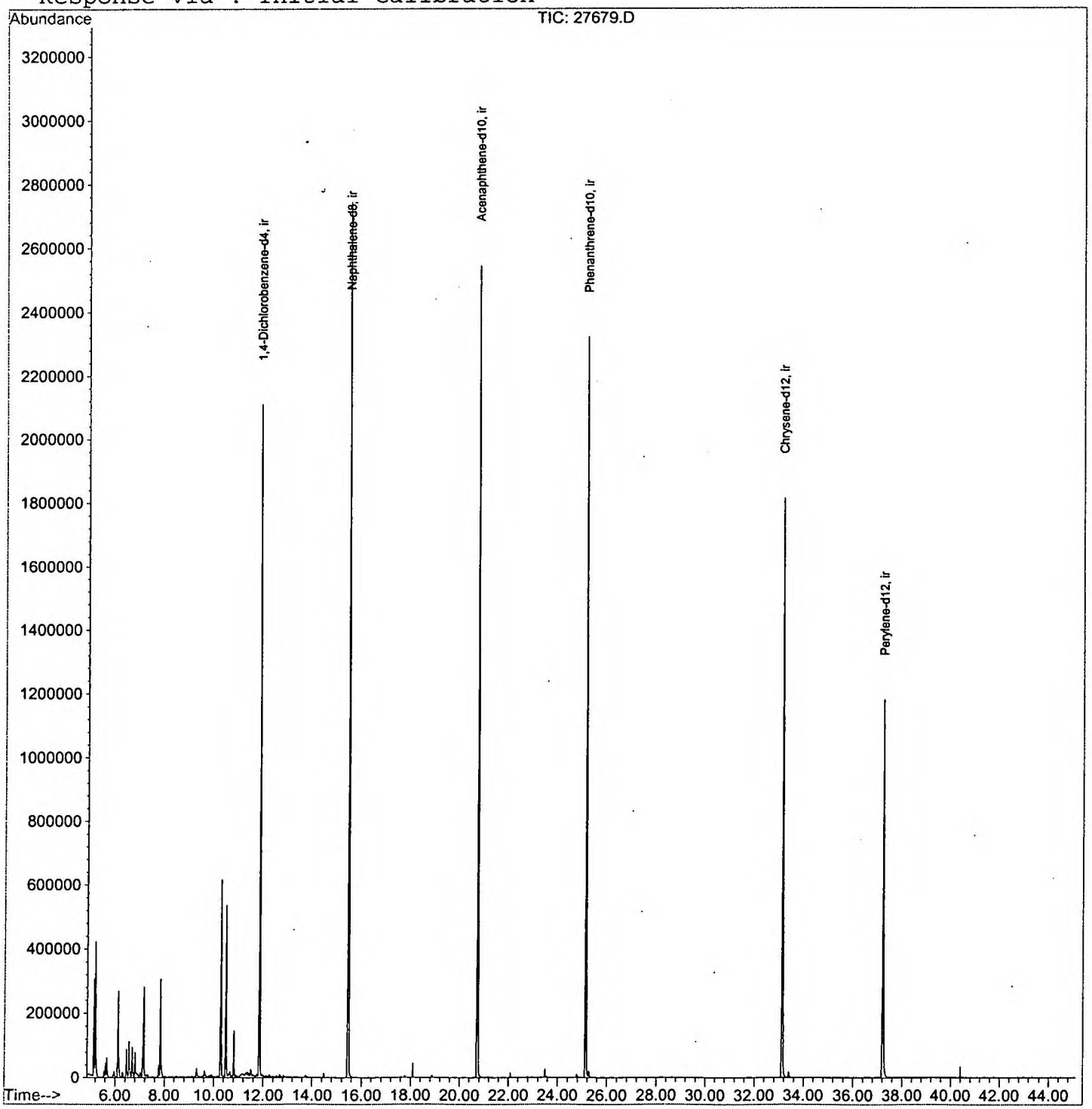
| Compound | R.T. | QIon | Response | Conc Unit | Qvalue |
|---|---|---|---|---|---|
| 61) Benzidine | 0.00 | 184 | 0 | N.D. | |
| 63) Pyrene | 0.00 | 202 | 0 | N.D. | |
| 64) Butylbenzylphthalate | 0.00 | 149 | 0 | N.D. | |
| 65) Benzo(a)anthracene | 33.14 | 228 | 2687 | N.D. | |
| 66) Bis(2-ethylhexyl)phthalate | 33.41 | 149 | 16492 | N.D. | |
| 67) Chrysene | 33.14 | 228 | 2687 | N.D. | |
| 69) Di-n-Octylphthalate | 0.00 | 149 | 0 | N.D. | |
| 70) Benzo(b)fluoranthene | 0.00 | 252 | 0 | N.D. | |
| 71) Benzo(k)fluoranthene | 0.00 | 252 | 0 | N.D. | |
| 72) Benzo(a)pyrene | 37.22 | 252 | 2598 | N.D. | |
| 73) Indeno(1,2,3-cd)pyrene | 0.00 | 276 | 0 | N.D. | |
| 74) Dibenz(a,h)anthracene | 0.00 | 278 | 0 | 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\27679.D Vial: 6
Acq On : 19 Dec 2001 11:43 am Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 19 13:17 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\27679.D  Vial: 6
Acq On : 19 Dec 2001 11:43 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

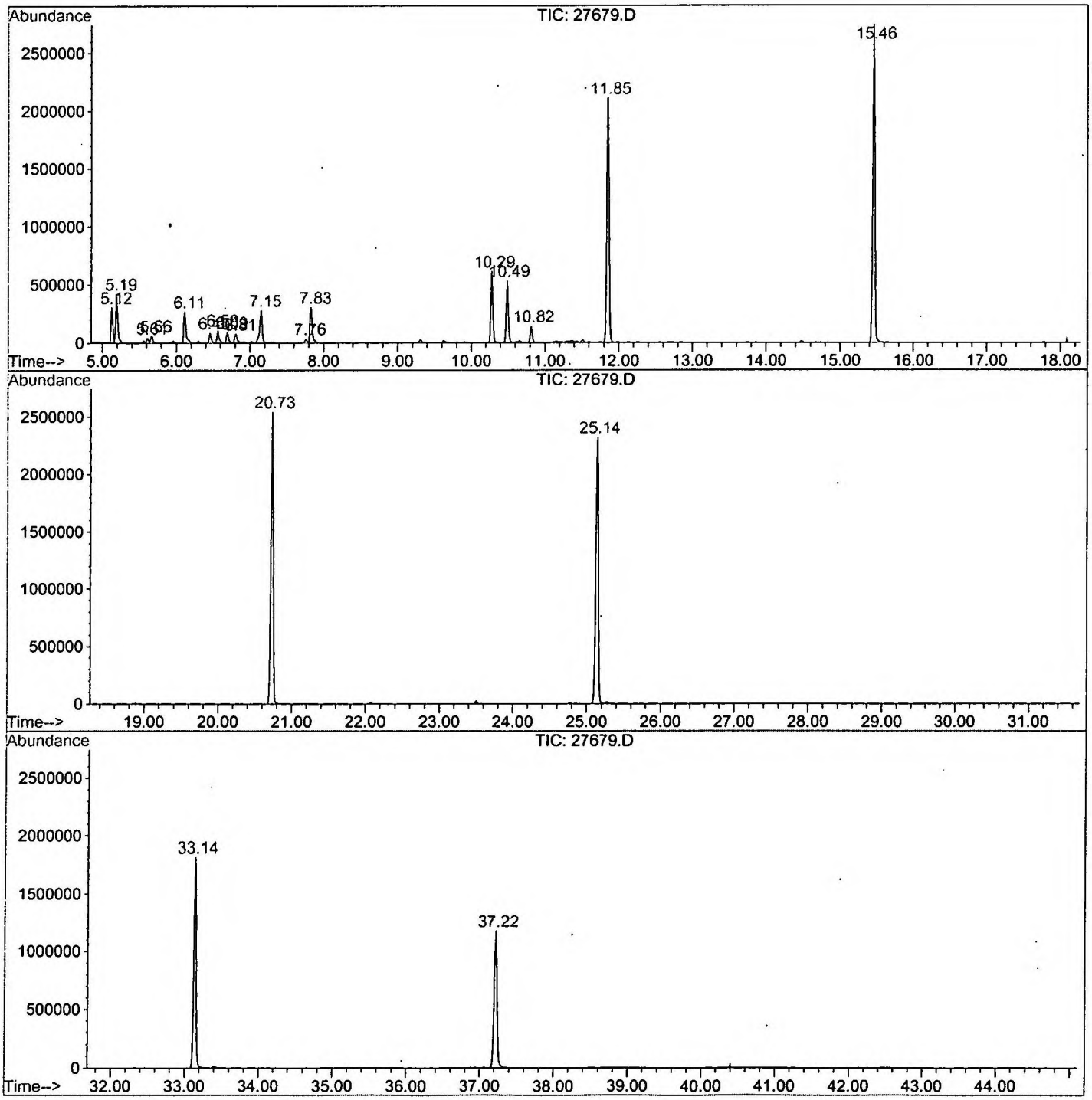
| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.124 | 28 | 31 | 35 | rBV | 303317 | 504373 | 8.87% | 1.460% |
| 2 | 5.188 | 35 | 38 | 51 | rVB | 420972 | 780487 | 13.72% | 2.259% |
| 3 | 5.610 | 81 | 84 | 87 | rVV | 45130 | 78794 | 1.39% | 0.228% |
| 4 | 5.665 | 87 | 90 | 98 | rVB | 62241 | 124119 | 2.18% | 0.359% |
| 5 | 6.114 | 135 | 139 | 151 | rBV | 268848 | 557273 | 9.80% | 1.613% |
| 6 | 6.453 | 172 | 176 | 184 | rBV | 88241 | 178256 | 3.13% | 0.516% |
| 7 | 6.563 | 184 | 188 | 197 | rVB | 112329 | 230678 | 4.06% | 0.668% |
| 8 | 6.692 | 198 | 202 | 210 | rVB | 93089 | 177973 | 3.13% | 0.515% |
| 9 | 6.811 | 210 | 215 | 223 | rBV | 77251 | 196184 | 3.45% | 0.568% |
| 10 | 7.150 | 244 | 252 | 259 | rBV | 280221 | 650693 | 11.44% | 1.883% |
| 11 | 7.756 | 314 | 318 | 322 | rBV | 37612 | 71262 | 1.25% | 0.206% |
| 12 | 7.829 | 322 | 326 | 338 | rVB | 306331 | 671273 | 11.80% | 1.943% |
| 13 | 10.286 | 589 | 594 | 602 | rBV | 611971 | 1166070 | 20.50% | 3.374% |
| 14 | 10.488 | 611 | 616 | 626 | rBV | 533899 | 984282 | 17.30% | 2.848% |
| 15 | 10.818 | 648 | 652 | 658 | rVB | 142630 | 262105 | 4.61% | 0.758% |
| 16 | 11.855 | 759 | 765 | 775 | rVB | 2105817 | 4435444 | 77.97% | 12.835% |
| 17 | 15.458 | 1151 | 1158 | 1174 | rBV | 2743692 | 5688372 | 100.00% | 16.461% |
| 18 | 20.731 | 1726 | 1733 | 1745 | rBV | 2544827 | 5443548 | 95.70% | 15.753% |
| 19 | 25.142 | 2206 | 2214 | 2225 | rBV2 | 2322708 | 5139882 | 90.36% | 14.874% |
| 20 | 33.138 | 3079 | 3086 | 3098 | rBV2 | 1816305 | 4017030 | 70.62% | 11.625% |
| 21 | 37.219 | 3522 | 3531 | 3552 | rBV2 | 1179976 | 3198357 | 56.23% | 9.255% |

Sum of corrected areas: 34556455

27679.D NP112701.M Thu Dec 20 11:41:56 2001

# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27679.D
Operator : GALOS
Acquired : 19 Dec 2001 11:43 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/16
Misc Info :
Vial Number: 6
Quant File :NP112701.RES (RTE Integrator)




27679.D NP112701.M Thu Dec 20 11:41:58 2001

# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27679.D
Acq On : 19 Dec 2001 11:43 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

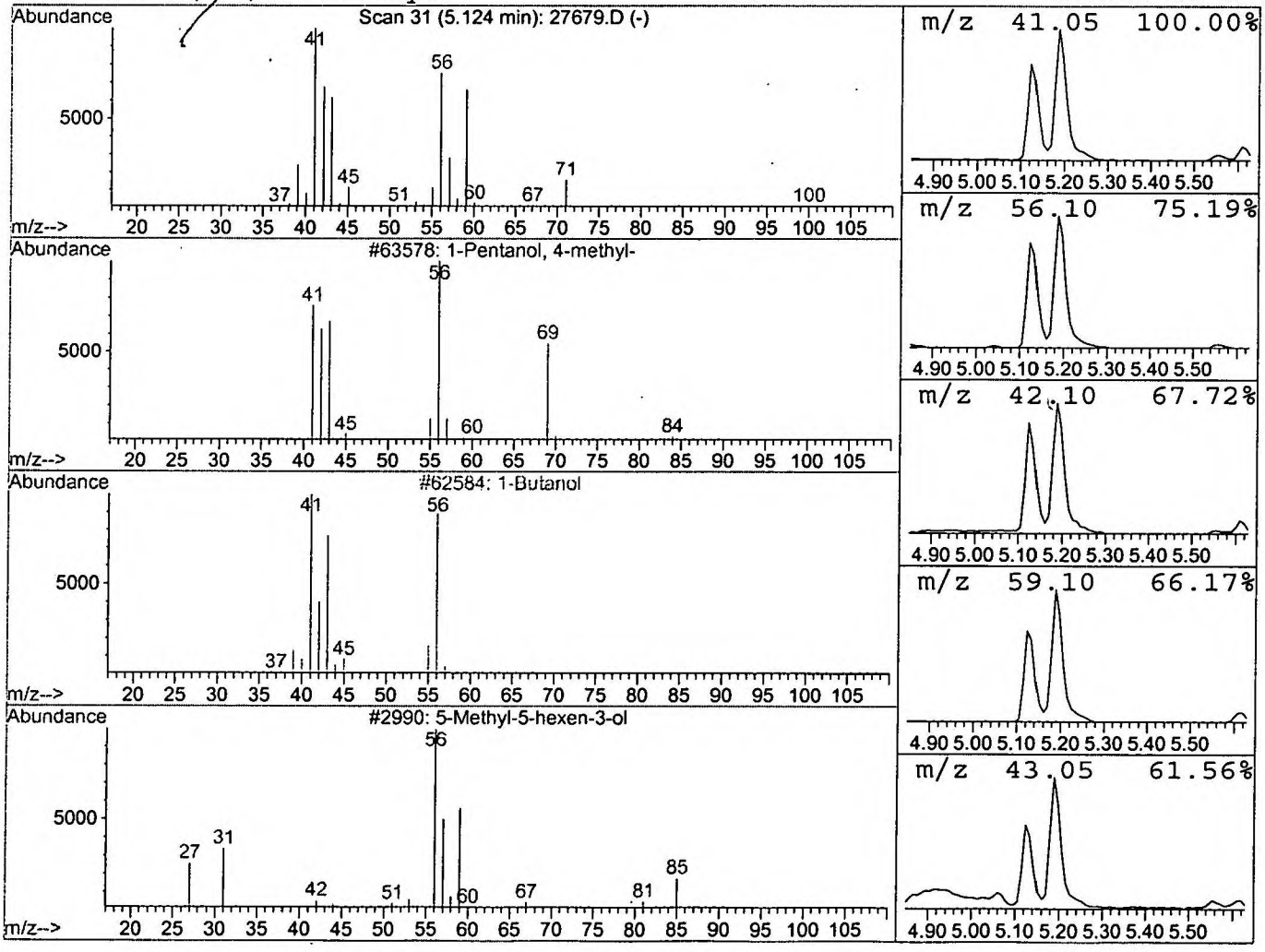
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 1 1-Pentanol, 4-methyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.12 | 2.27 ng/uL | 504373 | 1,4-Dichlorobenzene-d4 | 11.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Pentanol, 4-methyl- | 102 | C6H14O | 000626-89-1 | 33 |
| 2 | 1-Butanol | 74 | C4H10O | 000071-36-3 | 28 |
| 3 | 5-Methyl-5-hexen-3-ol | 114 | C7H14O | 067760-89-8 | 23 |
| 4 | Pentane, 2,3-dimethyl- | 100 | C7H16 | 000565-59-3 | 17 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27679.D
Acq On : 19 Dec 2001 11:43 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

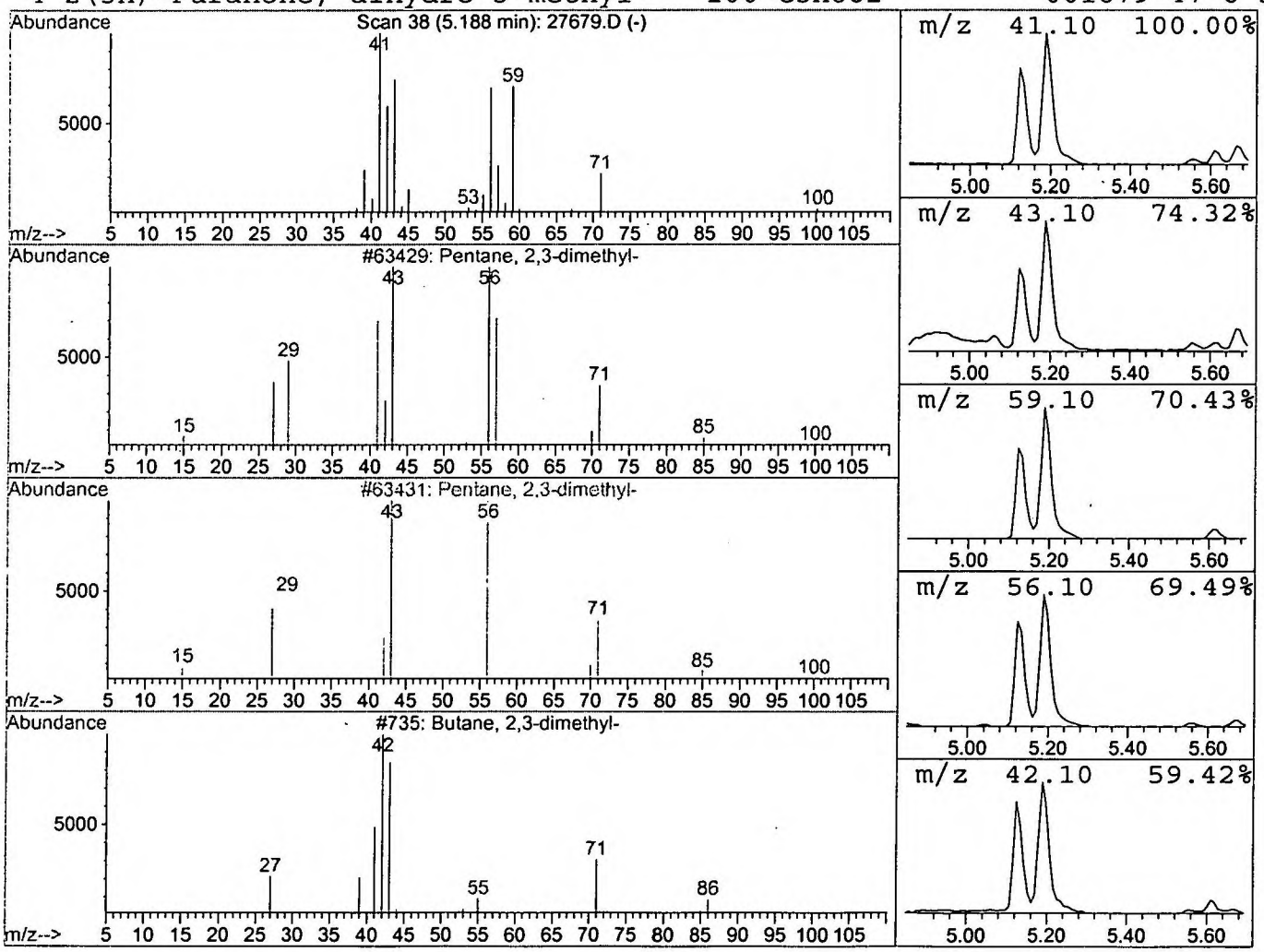
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 2 Pentane, 2,3-dimethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.19 | 3.52 ng/uL | 780487 | 1,4-Dichlorobenzene-d4 | 11.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2,3-dimethyl- | 100 | C7H16 | 000565-59-3 | 38 |
| 2 | Pentane, 2,3-dimethyl- | 100 | C7H16 | 000565-59-3 | 38 |
| 3 | Butane, 2,3-dimethyl- | 86 | C6H14 | 000079-29-8 | 35 |
| 4 | 2(3H)-Furanone, dihydro-3-methyl- | 100 | C5H8O2 | 001679-47-6 | 32 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27679.D
Acq On : 19 Dec 2001 11:43 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

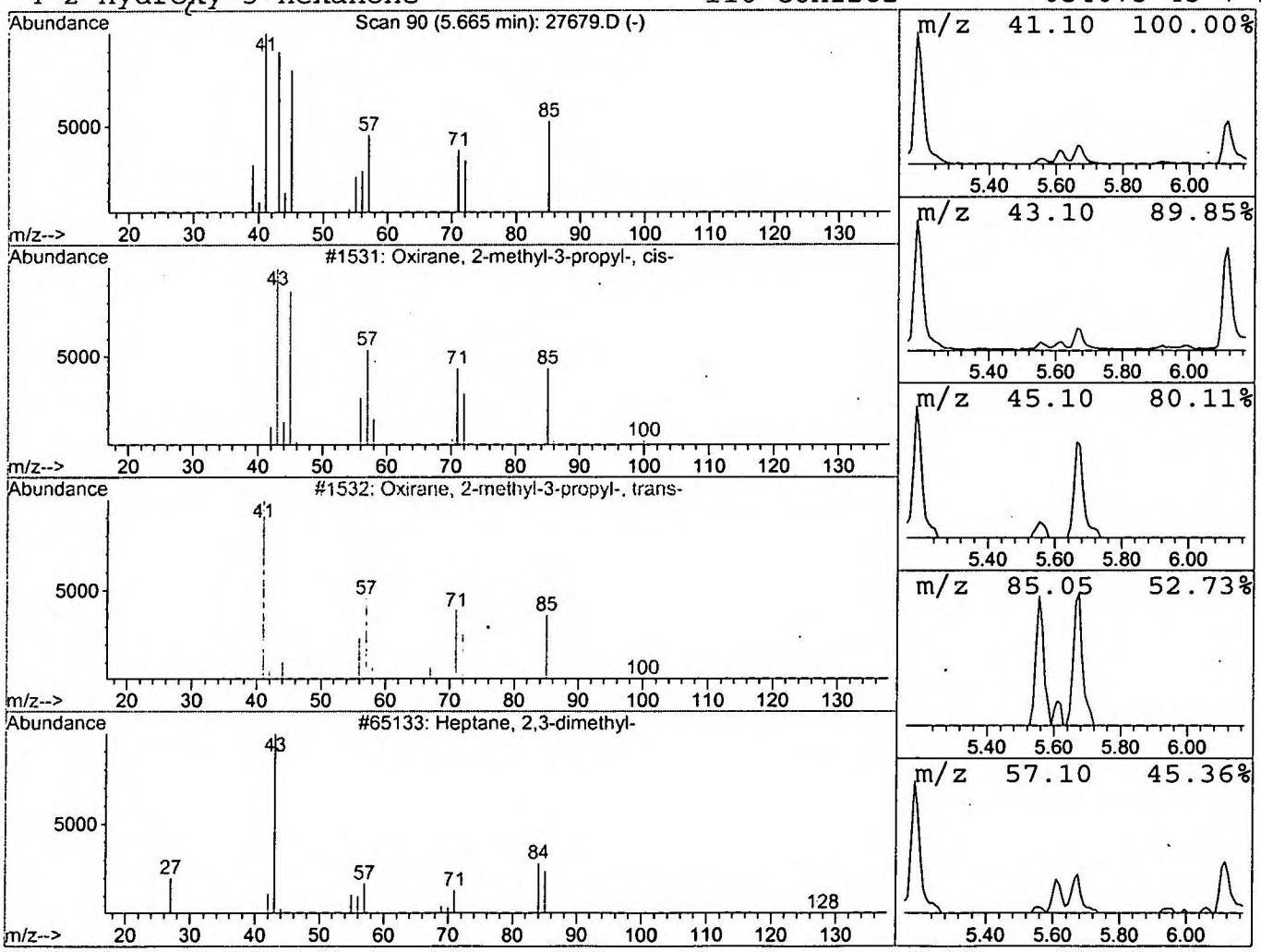
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 3 Oxirane, 2-methyl-3-propyl-, c Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.66 | 0.56 ng/uL | 124119 | 1,4-Dichlorobenzene-d4 | 11.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxirane, 2-methyl-3-propyl-, cis- | 100 | C6H12O | 006124-90-9 | 74 |
| 2 | Oxirane, 2-methyl-3-propyl-, trans- | 100 | C6H12O | 006124-91-0 | 32 |
| 3 | Heptane, 2,3-dimethyl- | 128 | C9H20 | 003074-71-3 | 12 |
| 4 | 2-Hydroxy-3-hexanone | 116 | C6H12O2 | 054073-43-7 | 9 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27679.D
Acq On : 19 Dec 2001 11:43 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

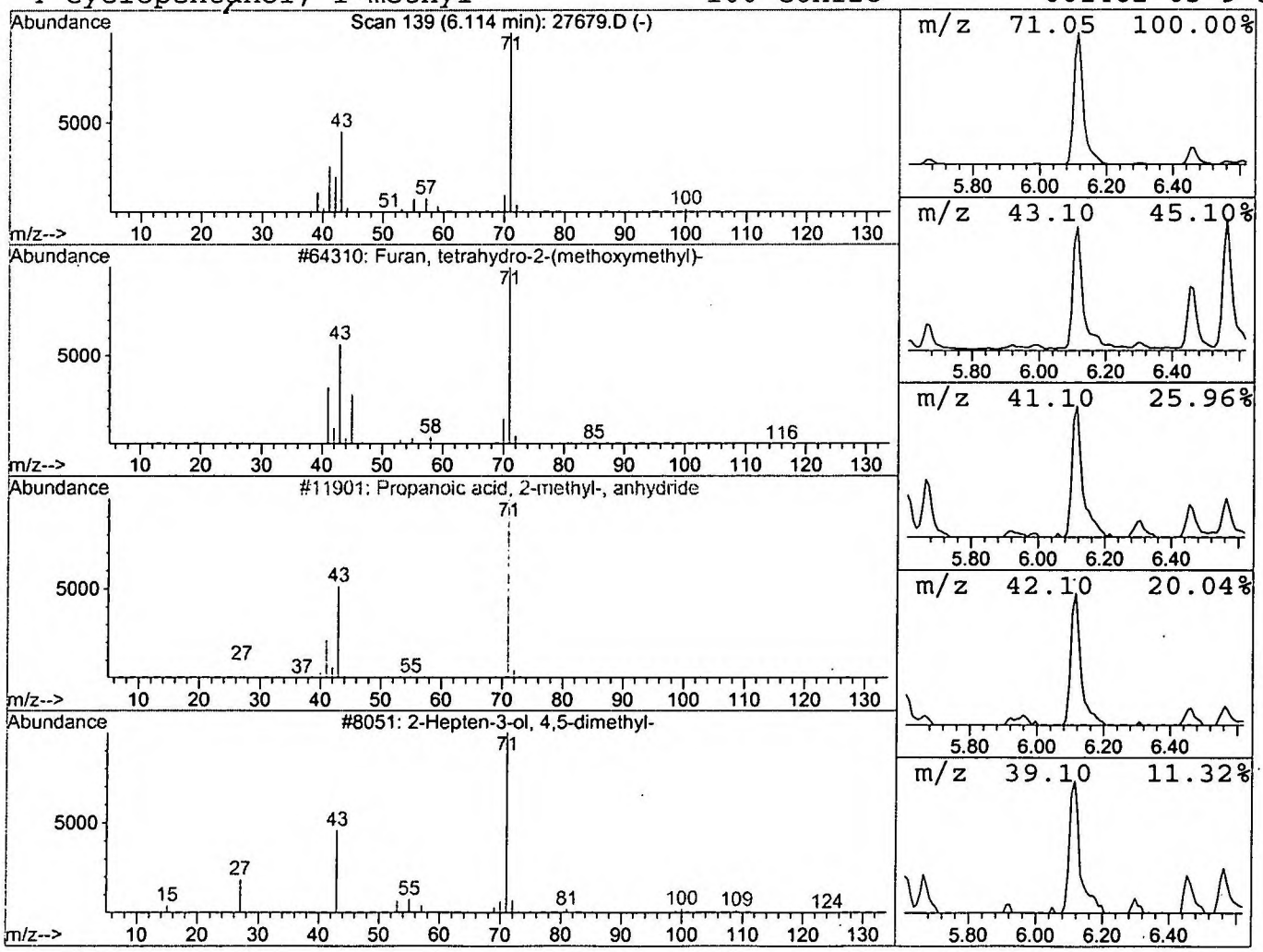
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 4 Furan, tetrahydro-2-(methoxyme Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.11 | 2.51 ng/uL | 557273 | 1,4-Dichlorobenzene-d4 | 11.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Furan, tetrahydro-2-(methoxymethyl) | 116 | C6H12O2 | 019354-27-9 | 45 |
| 2 | Propanoic acid, 2-methyl-, anhydrid | 158 | C8H14O3 | 000097-72-3 | 40 |
| 3 | 2-Hepten-3-ol, 4,5-dimethyl- | 142 | C9H18O | 055956-37-1 | 38 |
| 4 | Cyclopentanol, 1-methyl- | 100 | C6H12O | 001462-03-9 | 36 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27679.D  Vial: 6
Acq On : 19 Dec 2001 11:43 am  Operator: GALOS
Sample : gcms unknown 11/16  Inst : GC/MS Ins
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

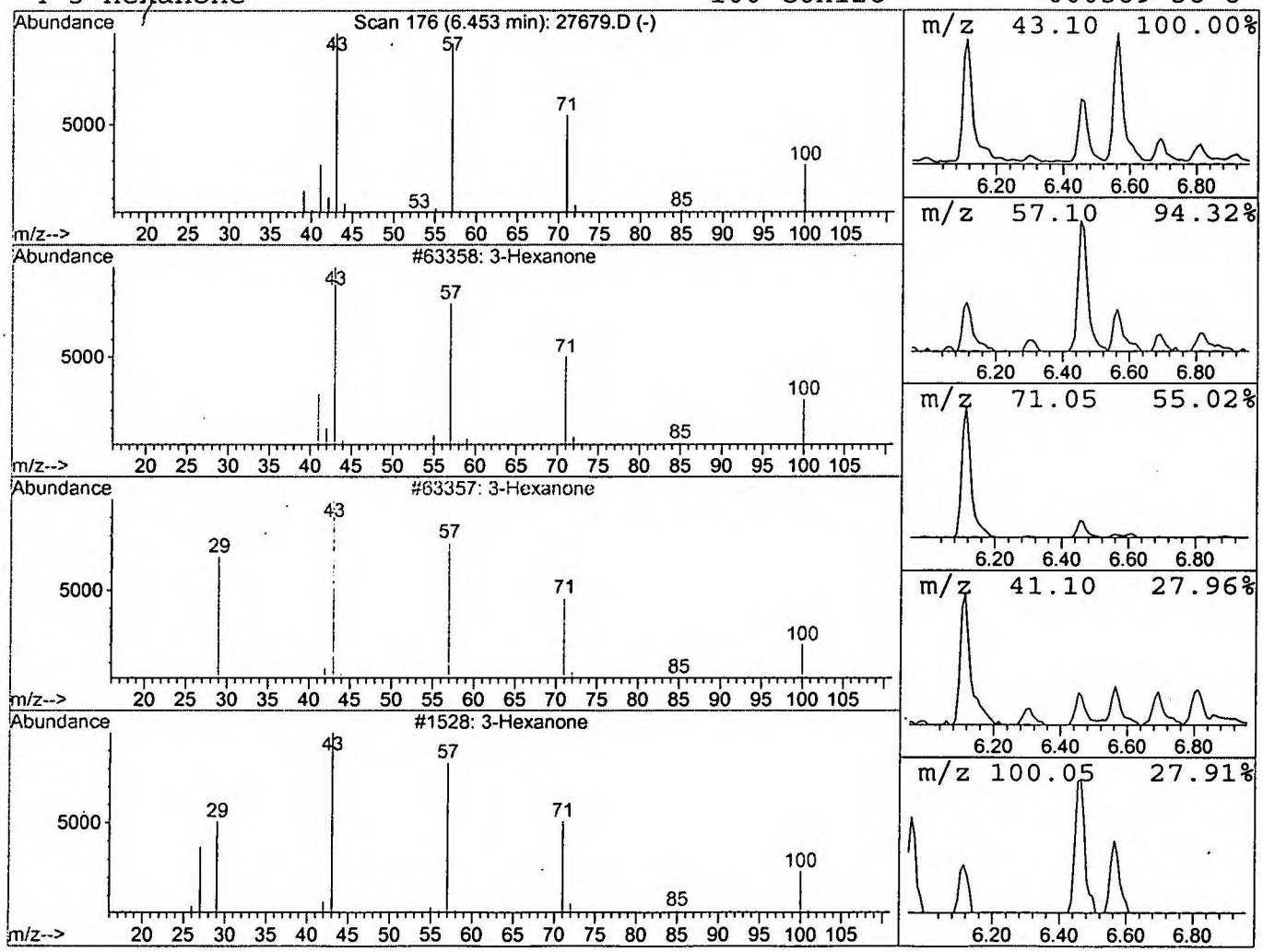
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 5 3-Hexanone  Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.45 | 0.80 ng/uL | 178256 | 1,4-Dichlorobenzene-d4 | 11.85 |

| 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 | 91 |
| 3 | 3-Hexanone | 100 | C6H12O | 000589-38-8 | 91 |
| 4 | 3-Hexanone | 100 | C6H12O | 000589-38-8 | 72 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27679.D  Vial: 6
Acq On : 19 Dec 2001 11:43 am  Operator: GALOS
Sample : gcms unknown 11/16  Inst : GC/MS Ins
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

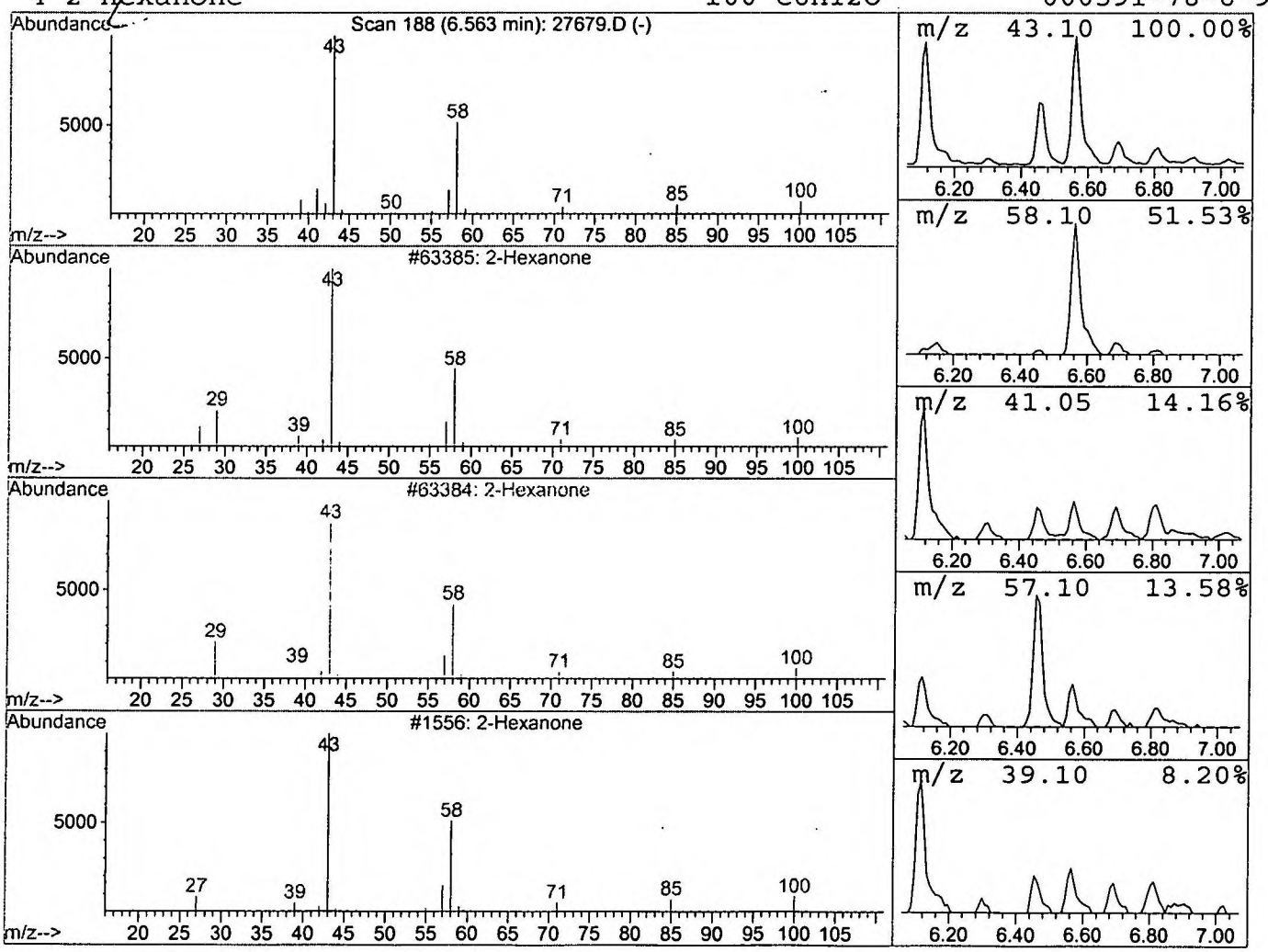
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 6 2-Hexanone  Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.56 | 1.04 ng/uL | 230678 | 1,4-Dichlorobenzene-d4 | 11.85 |

| 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 | 90 |
| 4 | 2-Hexanone | 100 | C6H12O | 000591-78-6 | 90 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27679.D
Acq On : 19 Dec 2001 11:43 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

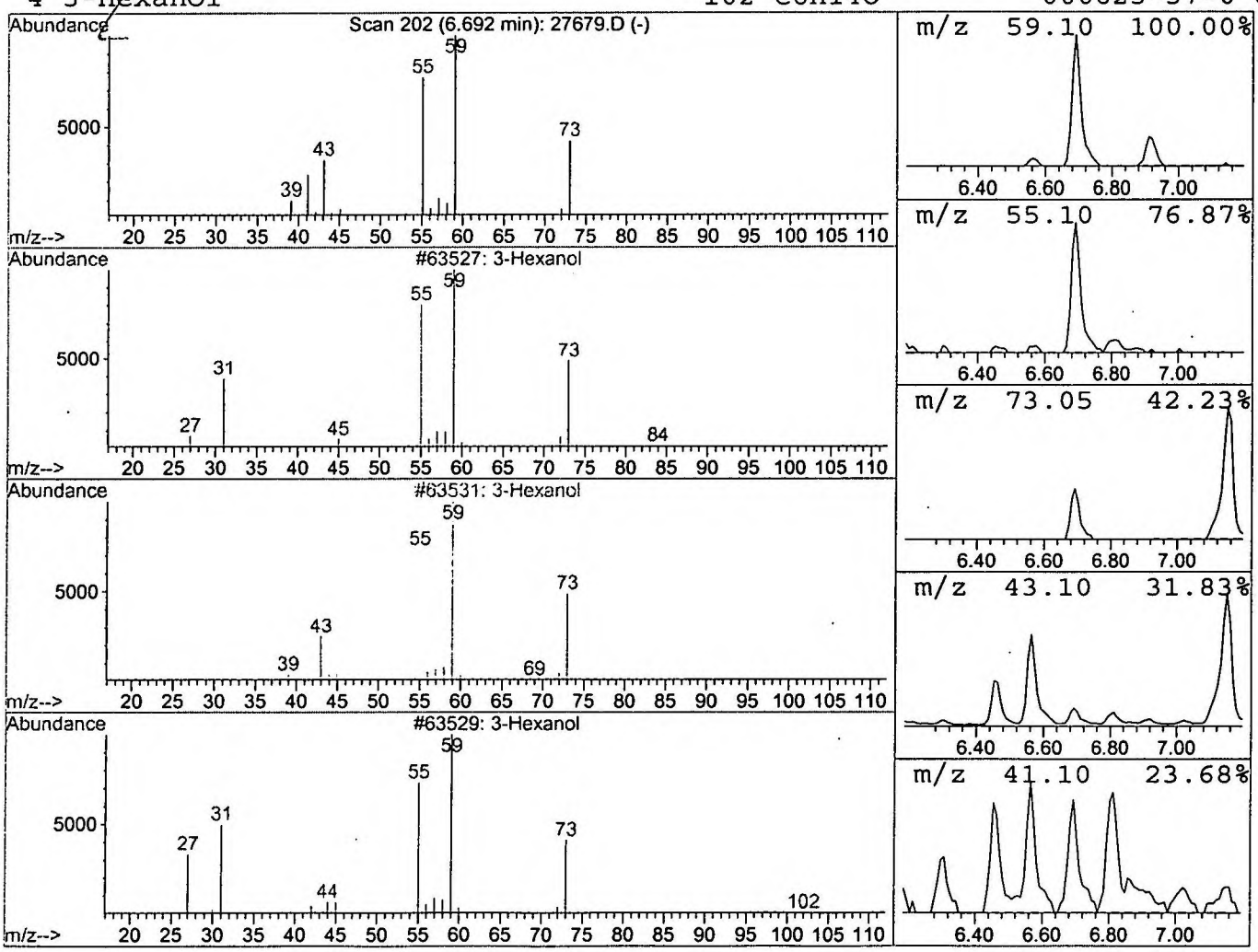
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 7 3-Hexanol Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.69 | 0.80 ng/uL | 177973 | 1,4-Dichlorobenzene-d4 | 11.85 |

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



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27679.D
Acq On : 19 Dec 2001 11:43 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

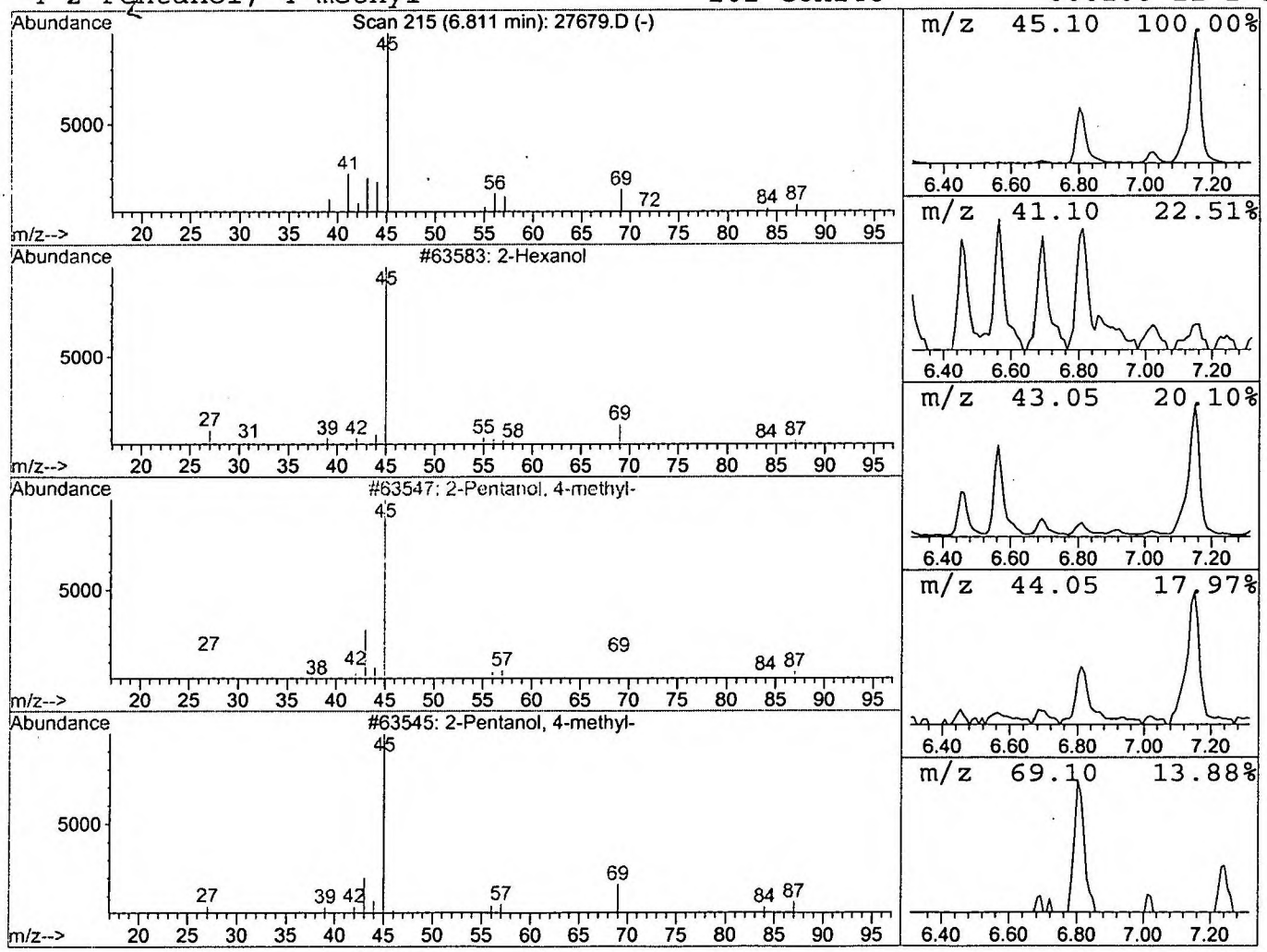
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 8 2-Hexanol — Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.81 | 0.88 ng/uL | 196184 | 1,4-Dichlorobenzene-d4 | 11.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Hexanol | 102 | C6H14O | 000626-93-7 | 72 |
| 2 | 2-Pentanol, 4-methyl- | 102 | C6H14O | 000108-11-2 | 64 |
| 3 | 2-Pentanol, 4-methyl- | 102 | C6H14O | 000108-11-2 | 56 |
| 4 | 2-Pentanol, 4-methyl- | 102 | C6H14O | 000108-11-2 | 50 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27679.D  Vial: 6
Acq On : 19 Dec 2001 11:43 am  Operator: GALOS
Sample : gcms unknown 11/16  Inst : GC/MS Ins
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

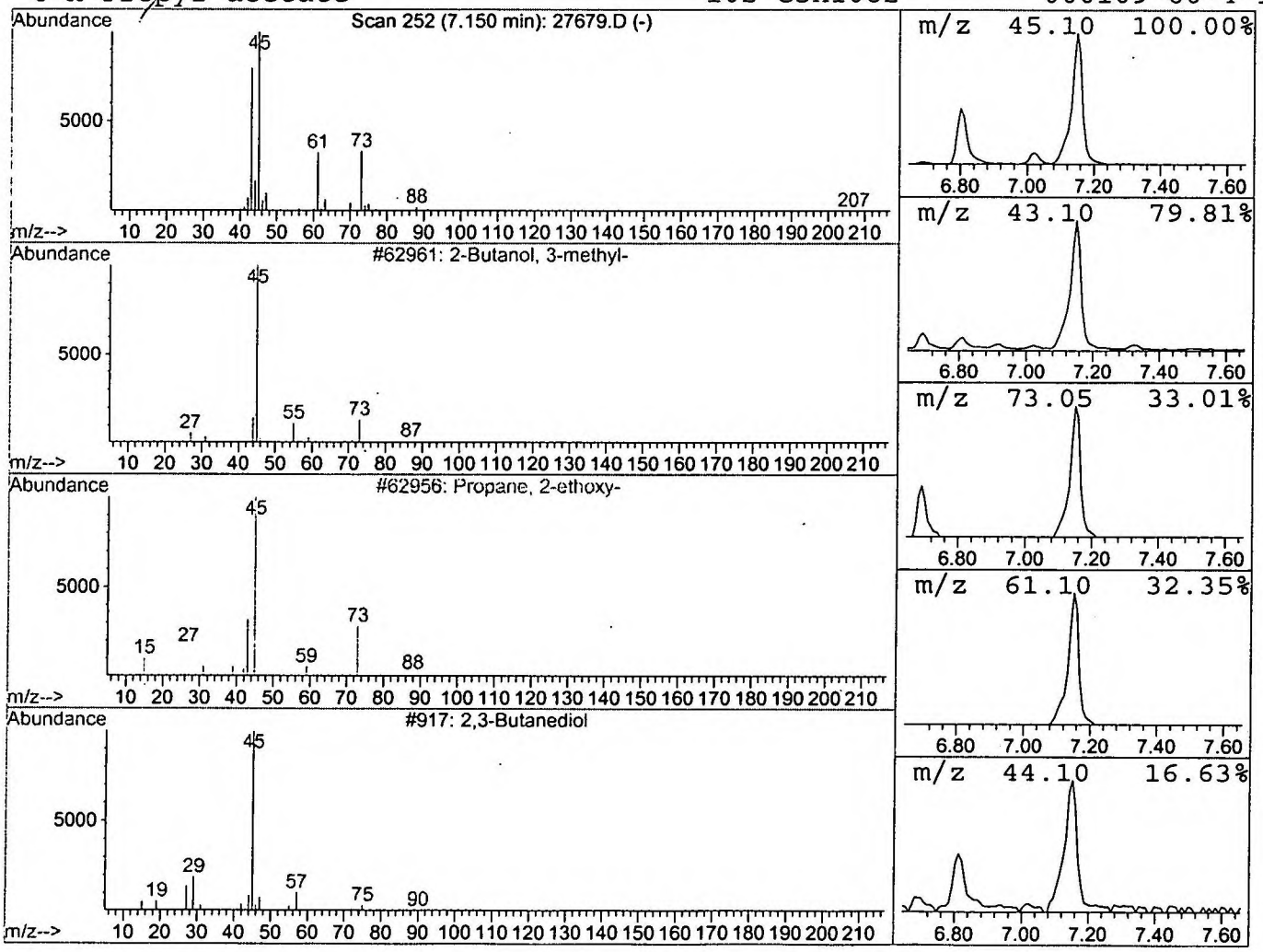
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 9 2-Butanol, 3-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.15 | 2.93 ng/uL | 650693 | 1,4-Dichlorobenzene-d4 | 11.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Butanol, 3-methyl- | 88 | C5H12O | 000598-75-4 | 38 |
| 2 | Propane, 2-ethoxy- | 88 | C5H12O | 000625-54-7 | 38 |
| 3 | 2,3-Butanediol | 90 | C4H10O2 | 000513-85-9 | 28 |
| 4 | n-Propyl acetate | 102 | C5H10O2 | 000109-60-4 | 9 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27679.D
Acq On : 19 Dec 2001 11:43 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

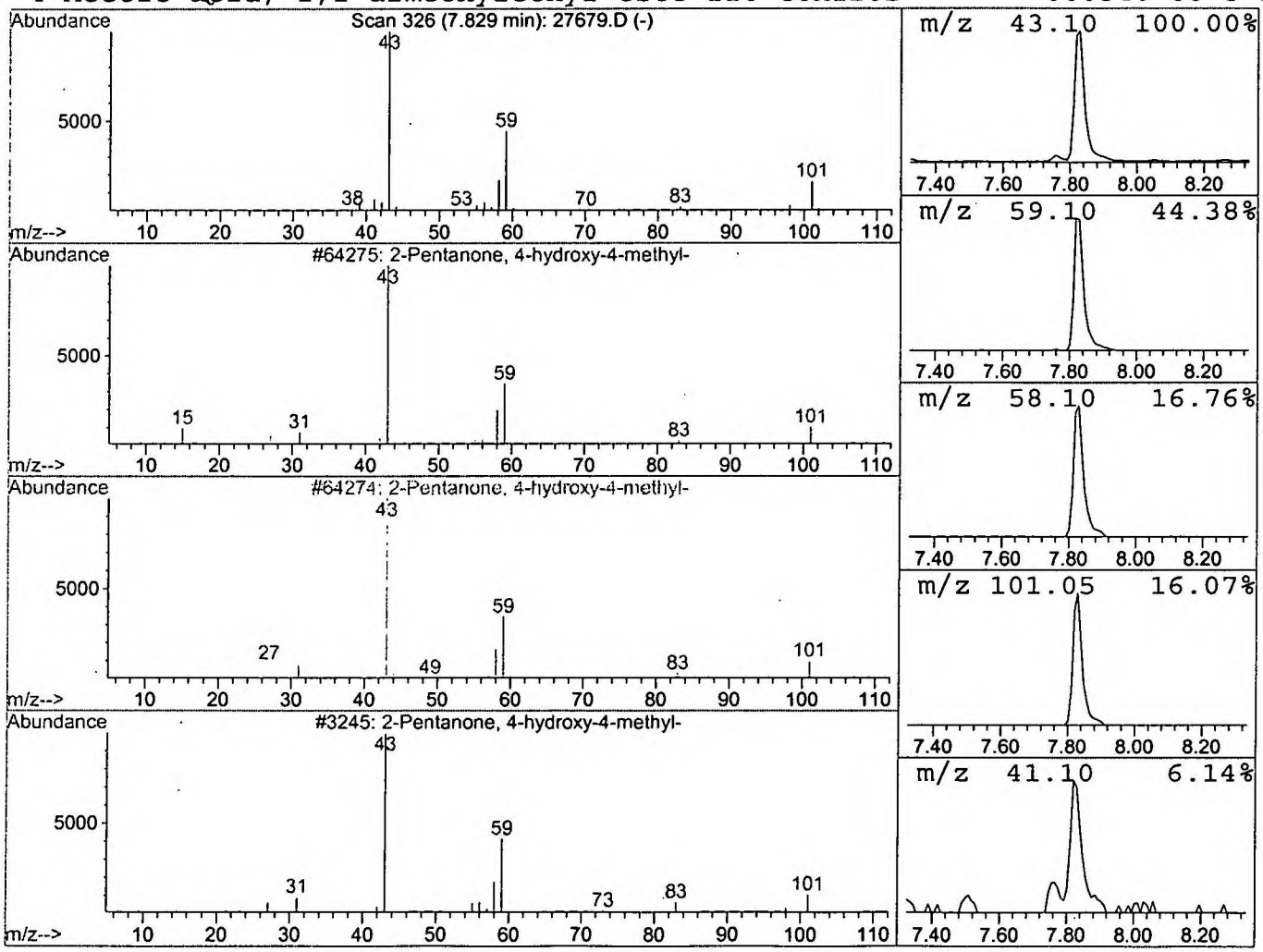
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.83 | 3.03 ng/uL | 671273 | 1,4-Dichlorobenzene-d4 | 11.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 59 |
| 2 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 59 |
| 3 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 36 |
| 4 | Acetic acid, 1,1-dimethylethyl este | 116 | C6H12O2 | 000540-88-5 | 28 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27679.D
Acq On : 19 Dec 2001 11:43 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

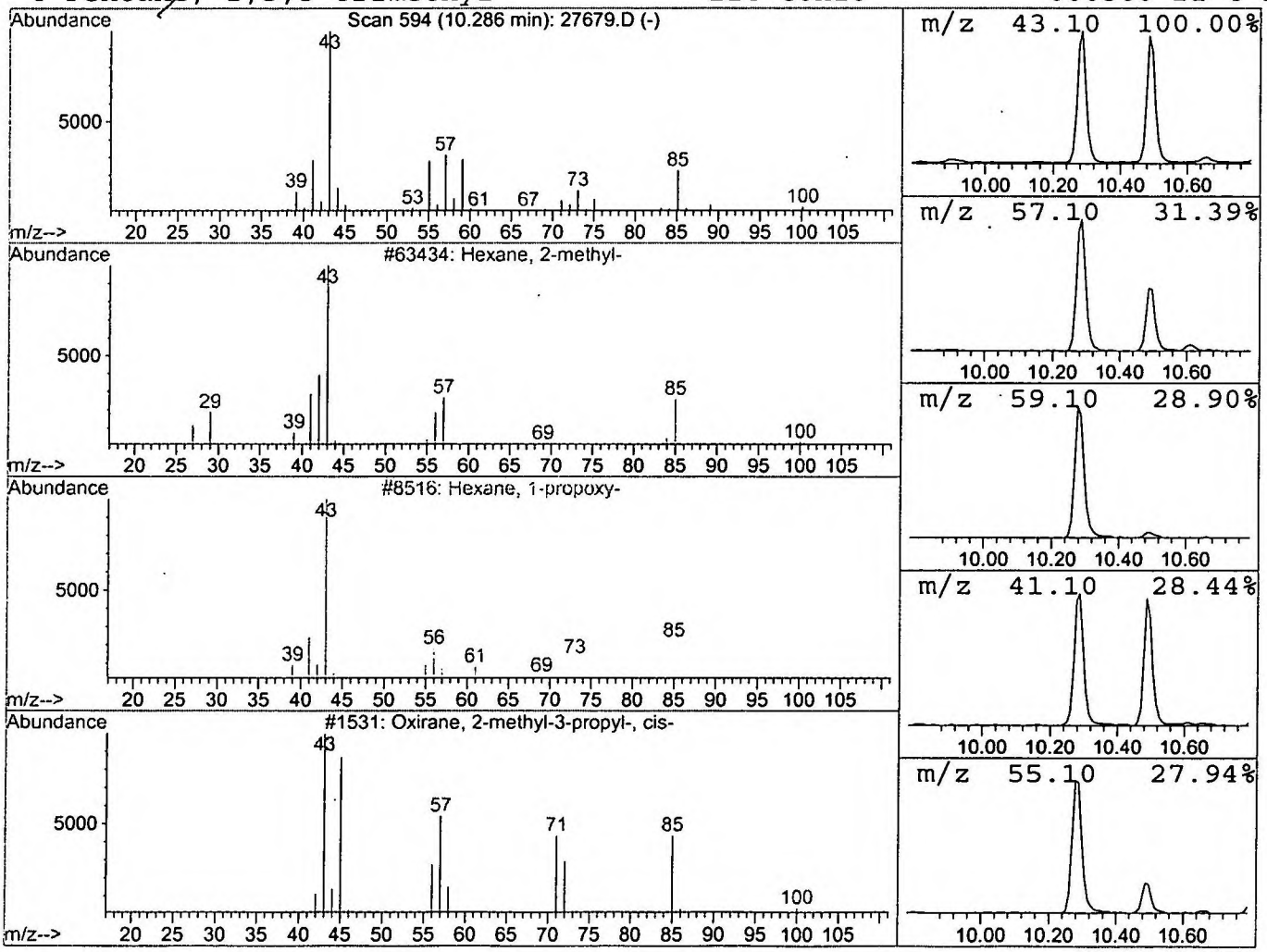
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 11 Hexane, 2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.29 | 5.26 ng/uL | 1166070 | 1,4-Dichlorobenzene-d4 | 11.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexane, 2-methyl- | 100 | C7H16 | 000591-76-4 | 35 |
| 2 | Hexane, 1-propoxy- | 144 | C9H20O | 053685-78-2 | 25 |
| 3 | Oxirane, 2-methyl-3-propyl-, cis- | 100 | C6H12O | 006124-90-9 | 23 |
| 4 | Pentane, 2,3,3-trimethyl- | 114 | C8H18 | 000560-21-4 | 23 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27679.D
Acq On : 19 Dec 2001 11:43 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

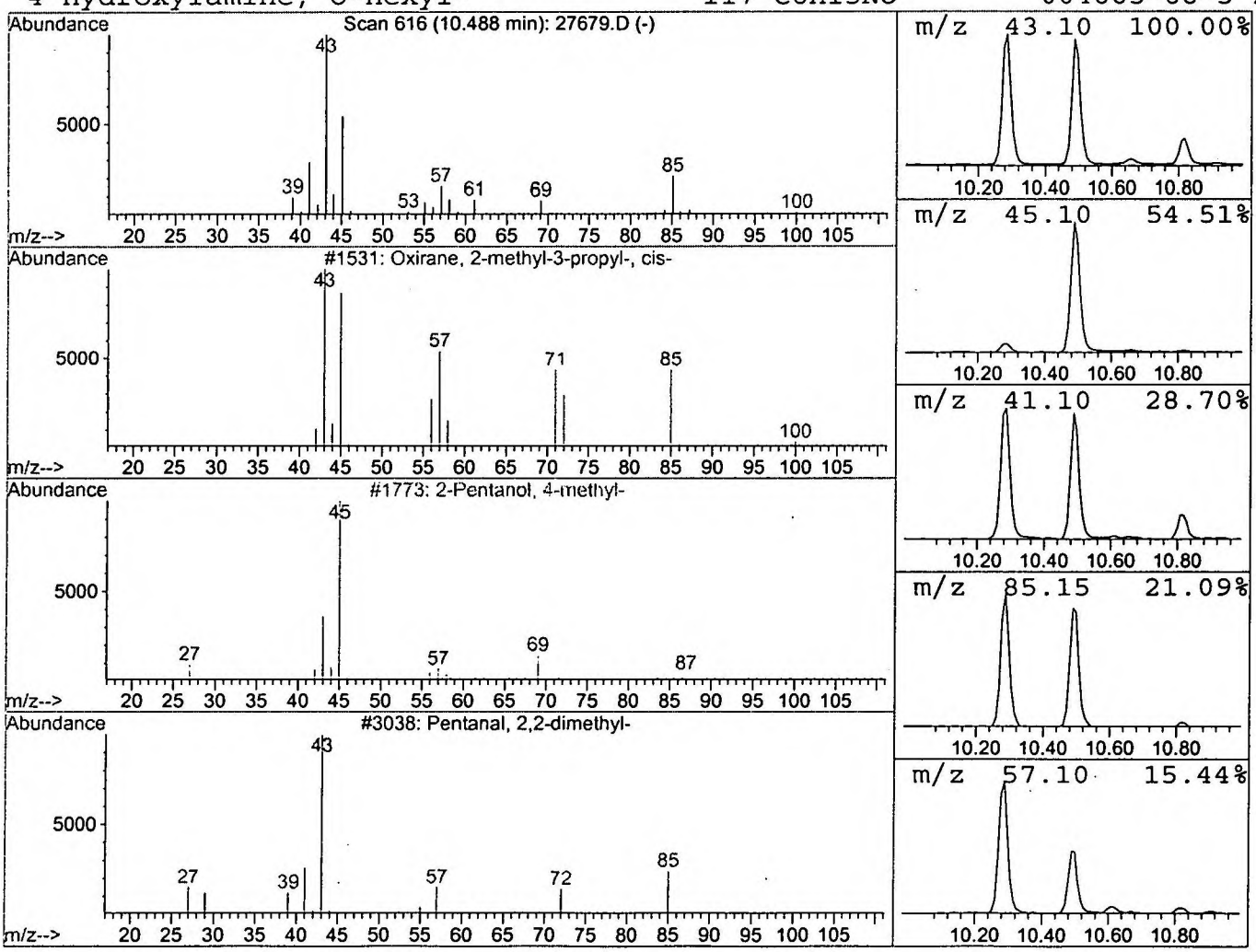
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 12 Oxirane, 2-methyl-3-propyl-, c Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.49 | 4.44 ng/uL | 984282 | 1,4-Dichlorobenzene-d4 | 11.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxirane, 2-methyl-3-propyl-, cis- | 100 | C6H12O | 006124-90-9 | 36 |
| 2 | 2-Pentanol, 4-methyl- | 102 | C6H14O | 000108-11-2 | 32 |
| 3 | Pentanal, 2,2-dimethyl- | 114 | C7H14O | 014250-88-5 | 25 |
| 4 | Hydroxylamine, O-hexyl- | 117 | C6H15NO | 004665-68-3 | 25 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27679.D
Acq On : 19 Dec 2001 11:43 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

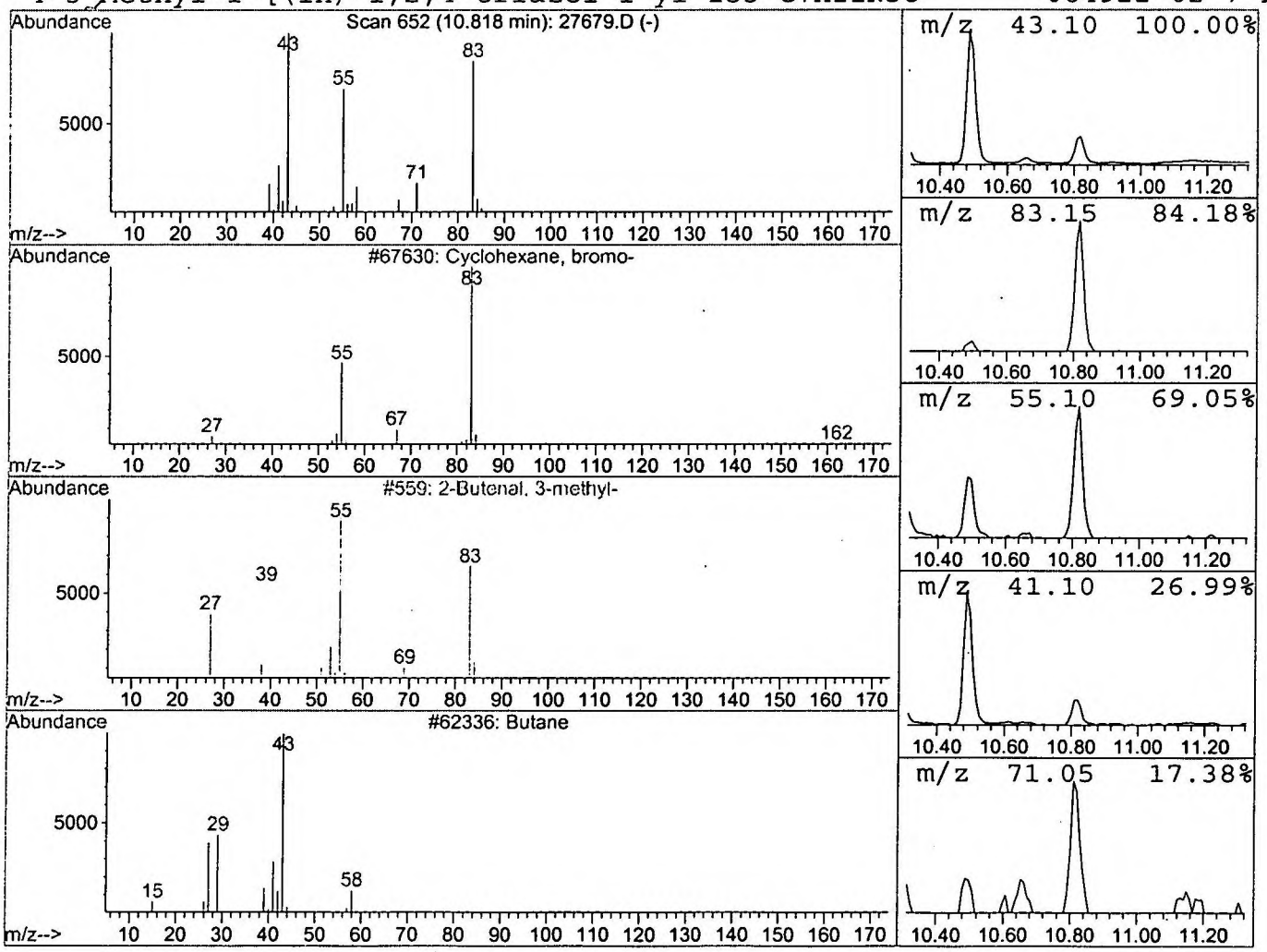
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 13 Cyclohexane, bromo- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.82 | 1.18 ng/uL | 262105 | 1,4-Dichlorobenzene-d4 | 11.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, bromo- | 162 | C6H11Br | 000108-85-0 | 33 |
| 2 | 2-Butenal, 3-methyl- | 84 | C5H8O | 000107-86-8 | 9 |
| 3 | Butane | 58 | C4H10 | 000106-97-8 | 9 |
| 4 | 3-Methyl-1-[(1H)-1,2,4-triazol-1-yl | 153 | C7H11N3O | 064922-02-7 | 9 |



# Tentatively Identified Compound (LSC) summary

Operator ID: GALOS  Date Acquired: 19 Dec 2001  11:43 am
Data File: C:\HPCHEM\1\DATA\DEC1901\27679.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 |
|---|---|---|---|---|---|---|---|---|
| 1-Pentanol, 4-methyl | 5.12 | 2.3 | ng/uL | 504373 | ISTD01 | 11.85 | 4435440 | 20.0 |
| Pentane, 2,3-dimethy | 5.19 | 3.5 | ng/uL | 780487 | ISTD01 | 11.85 | 4435440 | 20.0 |
| Oxirane, 2-methyl-3- | 5.66 | 0.6 | ng/uL | 124119 | ISTD01 | 11.85 | 4435440 | 20.0 |
| Furan, tetrahydro-2- | 6.11 | 2.5 | ng/uL | 557273 | ISTD01 | 11.85 | 4435440 | 20.0 |
| 3-Hexanone | 6.45 | 0.8 | ng/uL | 178256 | ISTD01 | 11.85 | 4435440 | 20.0 |
| 2-Hexanone | 6.56 | 1.0 | ng/uL | 230678 | ISTD01 | 11.85 | 4435440 | 20.0 |
| 3-Hexanol | 6.69 | 0.8 | ng/uL | 177973 | ISTD01 | 11.85 | 4435440 | 20.0 |
| 2-Hexanol | 6.81 | 0.9 | ng/uL | 196184 | ISTD01 | 11.85 | 4435440 | 20.0 |
| 2-Butanol, 3-methyl- | 7.15 | 2.9 | ng/uL | 650693 | ISTD01 | 11.85 | 4435440 | 20.0 |
| 2-Pentanone, 4-hydro | 7.83 | 3.0 | ng/uL | 671273 | ISTD01 | 11.85 | 4435440 | 20.0 |
| Hexane, 2-methyl- | 10.29 | 5.3 | ng/uL | 1166070 | ISTD01 | 11.85 | 4435440 | 20.0 |
| Oxirane, 2-methyl-3- | 10.49 | 4.4 | ng/uL | 984282 | ISTD01 | 11.85 | 4435440 | 20.0 |
| Cyclohexane, bromo- | 10.82 | 1.2 | ng/uL | 262105 | ISTD01 | 11.85 | 4435440 | 20.0 |

27679.D  NP112701.M  Thu Dec 20 11:42:26 2001