**.....nents for Sample AD28689 - Analysis $GCMS**

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-07-2001 Time: 17:32:39

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recovery for the Surrogate Standard in this sample was 84%. Recoveries for 9 of the 44 compounds in the LCS Standard were outside of their acceptance ranges. The chromatogram reveals contamination which has been identified to be from the TurboVap concentrator. The pH of this sample when received was less than 2.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0401\28689.D Vial: 14
Acq On : 5 Dec 2001 1:04 am Operator: 209 GALOS
Sample : gc/ms 11/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 5 1:52 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 11.71 | 152 | 913157 | 20.00 | ug/l | 0.01 |
| 15) Naphthalene-d8 | 15.32 | 136 | 3381884 | 20.00 | ug/l | 0.01 |
| 26) Acenaphthene-d10 | 20.59 | 164 | 1612088 | 20.00 | ug/l | 0.01 |
| 42) Phenanthrene-d10 | 25.01 | 188 | 2202373 | 20.00 | ug/l | 0.02 |
| 53) Chrysene-d12 | 33.03 | 240 | 1248989 | 20.00 | ug/l | 0.00 |
| 59) Perylene-d12 | 37.13 | 264 | 784418 | 20.00 | ug/l | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 52) 2,4-DDD | 30.08 | 235 | 110097 | 4.20 | ug/mL | 0.00 |
| Spiked Amount 5.000 | | | Recovery = 84.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Pyridine | 5.25 | 79 | 105 | N.D. | | |
| 3) N-nitroso-dimethyl amine | 5.13 | 74 | 533 | N.D. | | |
| 4) Phenol | 0.00 | 94 | 0 | N.D. | | |
| 5) bis(2-Chloroethyl)ether | 0.00 | 93 | 0 | N.D. | | |
| 6) 2-Chlorophenol | 0.00 | 128 | 0 | N.D. | | |
| 7) 1,3-Dichlorobenzene | 0.00 | 146 | 0 | N.D. | | |
| 8) 1,4-Dichlorobenzene | 0.00 | 146 | 0 | N.D. | | |
| 9) 1,2-Dichlorobenzene | 0.00 | 146 | 0 | N.D. | | |
| 10) 2-Methylphenol | 0.00 | 108 | 0 | N.D. | | |
| 11) 2,2'-oxybis(1-Chloropropan | 0.00 | 45 | 0 | N.D. | | |
| 12) 3&4-Methylphenol | 0.00 | 108 | 0 | N.D. | | |
| 13) N-Nitroso-di-n-propylamine | 0.00 | 70 | 0 | N.D. | | |
| 14) Hexachloroethane | 0.00 | 117 | 0 | N.D. | | |
| 16) Nitrobenzene | 0.00 | 77 | 0 | N.D. | | |
| 17) Isophorone | 0.00 | 82 | 0 | N.D. | | |
| 18) 2-Nitrophenol | 0.00 | 139 | 0 | N.D. | | |
| 19) 2,4-Dimethylphenol | 0.00 | 107 | 0 | N.D. | | |
| 20) bis(2-Chloroethoxy)methane | 0.00 | 93 | 0 | N.D. | | |
| 21) 2,4-Dichlorophenol | 0.00 | 162 | 0 | N.D. | | |
| 22) 1,2,4-Trichlorobenzene | 0.00 | 180 | 0 | N.D. | | |
| 23) Naphthalene | 15.37 | 128 | 488 | N.D. | | |
| 24) Hexachlorobutadiene | 0.00 | 225 | 0 | N.D. | | |
| 25) 4-Chloro-3-methylphenol | 0.00 | 107 | 0 | N.D. | | |
| 27) Hexachlorocyclopentadiene | 0.00 | 237 | 0 | N.D. | | |
| 28) 2,4,6-Trichlorophenol | 0.00 | 196 | 0 | N.D. | | |
| 29) 2,4,5-Trichlorophenol | 0.00 | 196 | 0 | N.D. | | |
| 30) 2-Chloronaphthalene | 0.00 | 162 | 0 | N.D. | | |
| 31) Dimethylphthalate | 0.00 | 163 | 0 | N.D. | | |
| 32) 2,6-Dinitrotoluene | 0.00 | 165 | 0 | N.D. | | |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0401\28689.D Vial: 14
Acq On : 5 Dec 2001 1:04 am Operator: 209 GALOS
Sample : gc/ms 11/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 5 1:52 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

| Compound | R.T. | QIon | Response | Conc Unit | Qvalue |
|---|---|---|---|---|---|
| 33) Acenaphthylene | 0.00 | 152 | 0 | N.D. | |
| 34) Acenaphthene | 0.00 | 153 | 0 | N.D. | |
| 35) 2,4-Dinitrophenol | 0.00 | 184 | 0 | N.D. | |
| 36) 4-Nitrophenol | 21.09 | 65 | 111 | N.D. | |
| 37) 2,4-Dinitrotoluene | 21.09 | 165 | 181 | N.D. | |
| 38) Diethylphthalate | 22.10 | 149 | 1342 | N.D. | |
| 39) 4-Chlorophenyl-phenylether | 0.00 | 204 | 0 | N.D. | |
| 40) Fluorene | 0.00 | 166 | 0 | N.D. | |
| 41) Azobenzen/ 1,2-Diphenylhyd | 0.00 | 77 | 0 | N.D. | |
| 43) 4,6-Dinitro-2-methylphenol | 0.00 | 198 | 0 | N.D. | |
| 44) N-Nitrosodiphenylamine | 0.00 | 168 | 0 | N.D. | |
| 45) 4-Bromophenyl-phenylether | 0.00 | 248 | 0 | N.D. | |
| 46) Hexachlorobenzene | 0.00 | 284 | 0 | N.D. | |
| 47) Pentachlorophenol | 0.00 | 266 | 0 | N.D. | |
| 48) Phenanthrene | 25.01 | 178 | 698 | N.D. | |
| 49) Anthracene | 25.01 | 178 | 698 | N.D. | |
| 50) Di-n-butylphthalate | 27.01 | 149 | 35333 | N.D. | |
| 51) Fluoranthene | 0.00 | 202 | 0 | N.D. | |
| 54) Pyrene | 0.00 | 202 | 0 | N.D. | |
| 55) Butylbenzylphthalate | 31.57 | 149 | 887 | N.D. | |
| 56) Benzo(a)anthracene | 33.03 | 228 | 3040 | N.D. | |
| 57) Bis(2-ethylhexyl)phthalate | 33.31 | 149 | 2863 | N.D. | |
| 58) Chrysene | 33.03 | 228 | 3040 | N.D. | |
| 60) Di-n-Octylphthalate | 35.51 | 149 | 365 | N.D. | |
| 61) Benzo(b)fluoranthene | 0.00 | 252 | 0 | N.D. | |
| 62) Benzo(k)fluoranthene | 0.00 | 252 | 0 | N.D. | |
| 63) Benzo(a)pyrene | 37.14 | 252 | 3106 | N.D. | |
| 64) Indeno(1,2,3-cd)pyrene | 0.00 | 276 | 0 | N.D. | |
| 65) Dibenz(a,h)anthracene | 0.00 | 278 | 0 | N.D. | |
| 66) Benzo(g,h,i)perylene | 41.98 | 276 | 204 | N.D. | |

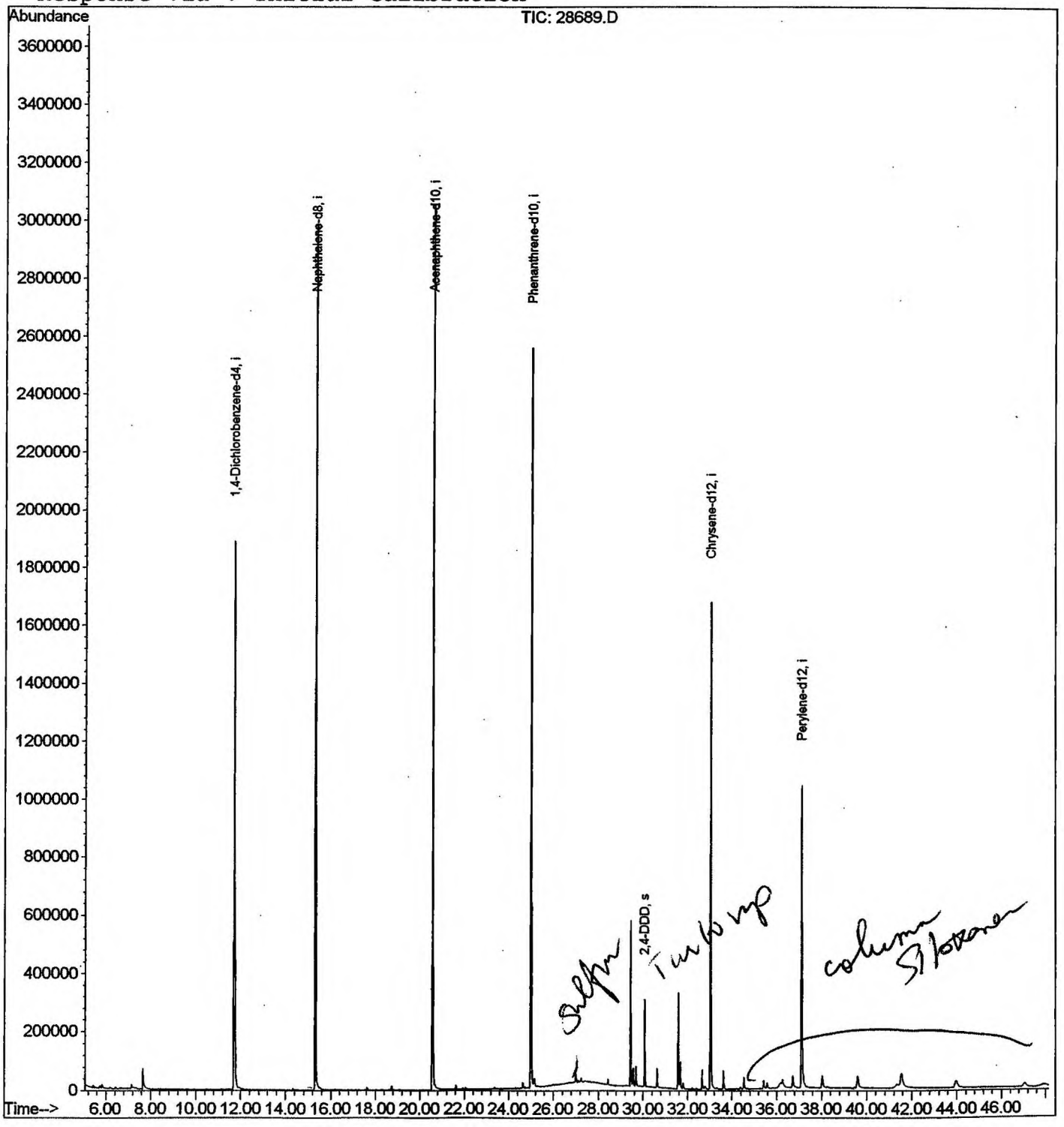
(#) = qualifier out of range (m) = manual integration

# Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28689.D
Acq On : 5 Dec 2001 1:04 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 5 1:52 2001

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration



# LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28689.D  Vial: 14
Acq On : 5 Dec 2001 1:04 am  Operator: 209 GALOS
Sample : gc/ms 11/24  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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

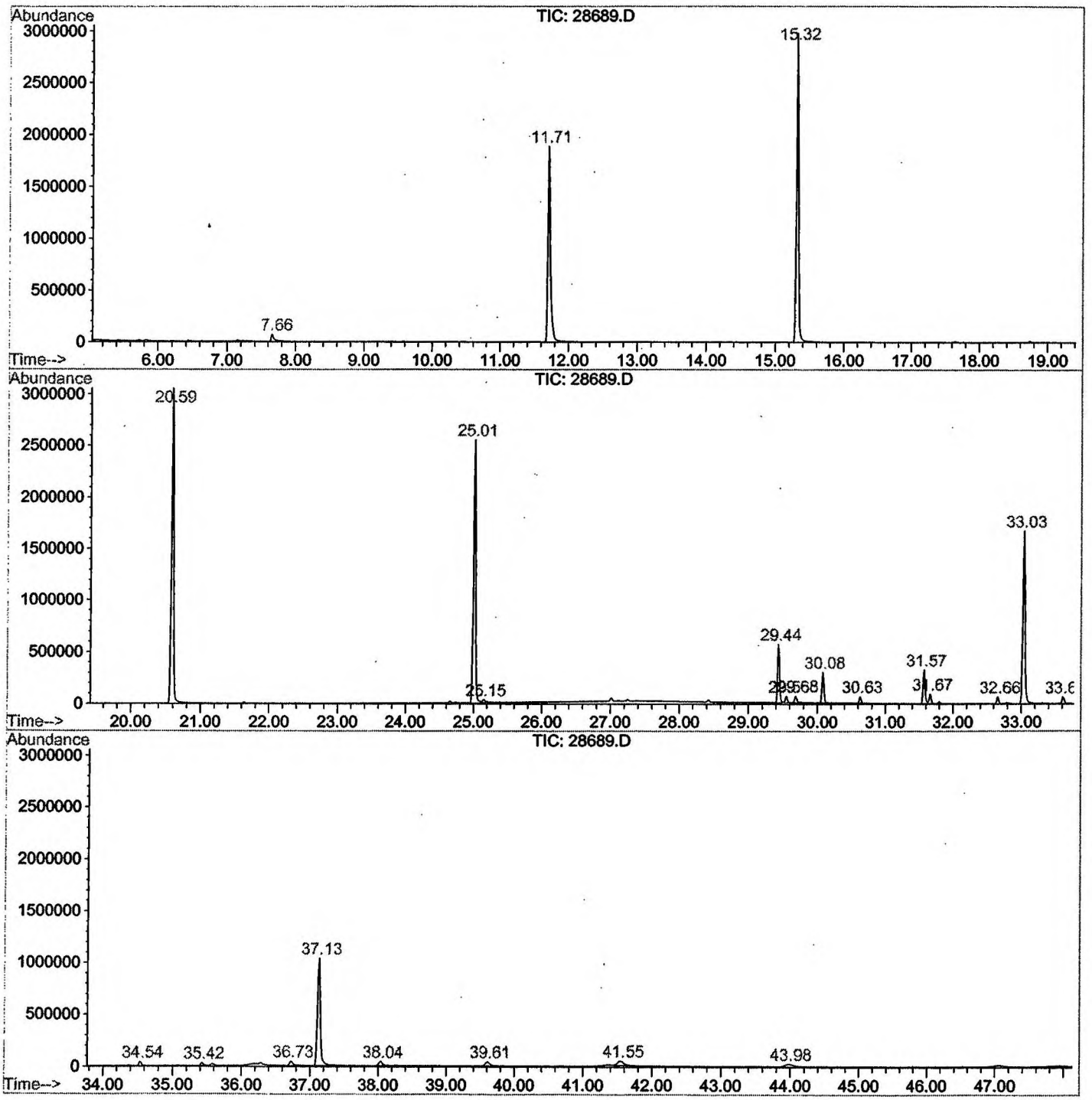
| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.660 | 280 | 285 | 298 | rBV | 70224 | 211012 | 3.22% | 0.598% |
| 2 | 11.709 | 721 | 726 | 747 | rBV | 1888654 | 4921431 | 75.01% | 13.954% |
| 3 | 15.317 | 1113 | 1119 | 1138 | rBV | 2975500 | 6327225 | 96.43% | 17.940% |
| 4 | 20.586 | 1687 | 1693 | 1706 | rBV | 3055352 | 6561281 | 100.00% | 18.604% |
| 5 | 25.011 | 2168 | 2175 | 2187 | rBV2 | 2548693 | 5797596 | 88.36% | 16.438% |
| 6 | 25.149 | 2187 | 2190 | 2199 | rVB | 26504 | 83045 | 1.27% | 0.235% |
| 7 | 29.436 | 2652 | 2657 | 2664 | rBV | 565372 | 1139089 | 17.36% | 3.230% |
| 8 | 29.555 | 2666 | 2670 | 2677 | rVB | 62397 | 132207 | 2.01% | 0.375% |
| 9 | 29.684 | 2679 | 2684 | 2692 | rBV | 66283 | 141358 | 2.15% | 0.401% |
| 10 | 30.078 | 2722 | 2727 | 2735 | rVB | 294889 | 588172 | 8.96% | 1.668% |
| 11 | 30.629 | 2782 | 2787 | 2793 | rVB | 63566 | 121542 | 1.85% | 0.345% |
| 12 | 31.575 | 2884 | 2890 | 2896 | rBV | 327404 | 691393 | 10.54% | 1.960% |
| 13 | 31.667 | 2896 | 2900 | 2907 | rVV | 92340 | 203084 | 3.10% | 0.576% |
| 14 | 32.658 | 3003 | 3008 | 3015 | rBV | 66554 | 140878 | 2.15% | 0.399% |
| 15 | 33.035 | 3038 | 3049 | 3065 | rBV2 | 1673380 | 3933095 | 59.94% | 11.152% |
| 16 | 33.613 | 3107 | 3112 | 3123 | rVB | 64295 | 146243 | 2.23% | 0.415% |
| 17 | 34.540 | 3207 | 3213 | 3220 | rBV | 39514 | 101586 | 1.55% | 0.288% |
| 18 | 35.421 | 3303 | 3309 | 3317 | rBV2 | 28570 | 81037 | 1.24% | 0.230% |
| 19 | 36.725 | 3444 | 3451 | 3461 | rBV2 | 40765 | 144125 | 2.20% | 0.409% |
| 20 | 37.129 | 3487 | 3495 | 3511 | rBV2 | 1036444 | 2964055 | 45.17% | 8.404% |
| 21 | 38.038 | 3586 | 3594 | 3603 | rBV2 | 40213 | 157399 | 2.40% | 0.446% |
| 22 | 39.608 | 3757 | 3765 | 3775 | rBV2 | 37775 | 170947 | 2.61% | 0.485% |
| 23 | 41.554 | 3966 | 3977 | 3993 | rVB4 | 43326 | 293324 | 4.47% | 0.832% |
| 24 | 43.977 | 4225 | 4241 | 4259 | rBV6 | 24394 | 217635 | 3.32% | 0.617% |

Sum of corrected areas: 35268759

28689.D GCMS1126.M Mon Dec 10 10:18:42 2001

# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0401\28689.D
Operator : 209 GALOS
Acquired : 5 Dec 2001 1:04 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms 11/24
Misc Info :
Vial Number: 14
Quant File :GCMS1126.RES (RTE Integrator)




28689.D GCMS1126.M Mon Dec 10 10:18:49 2001

# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28689.D
Acq On : 5 Dec 2001 1:04 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

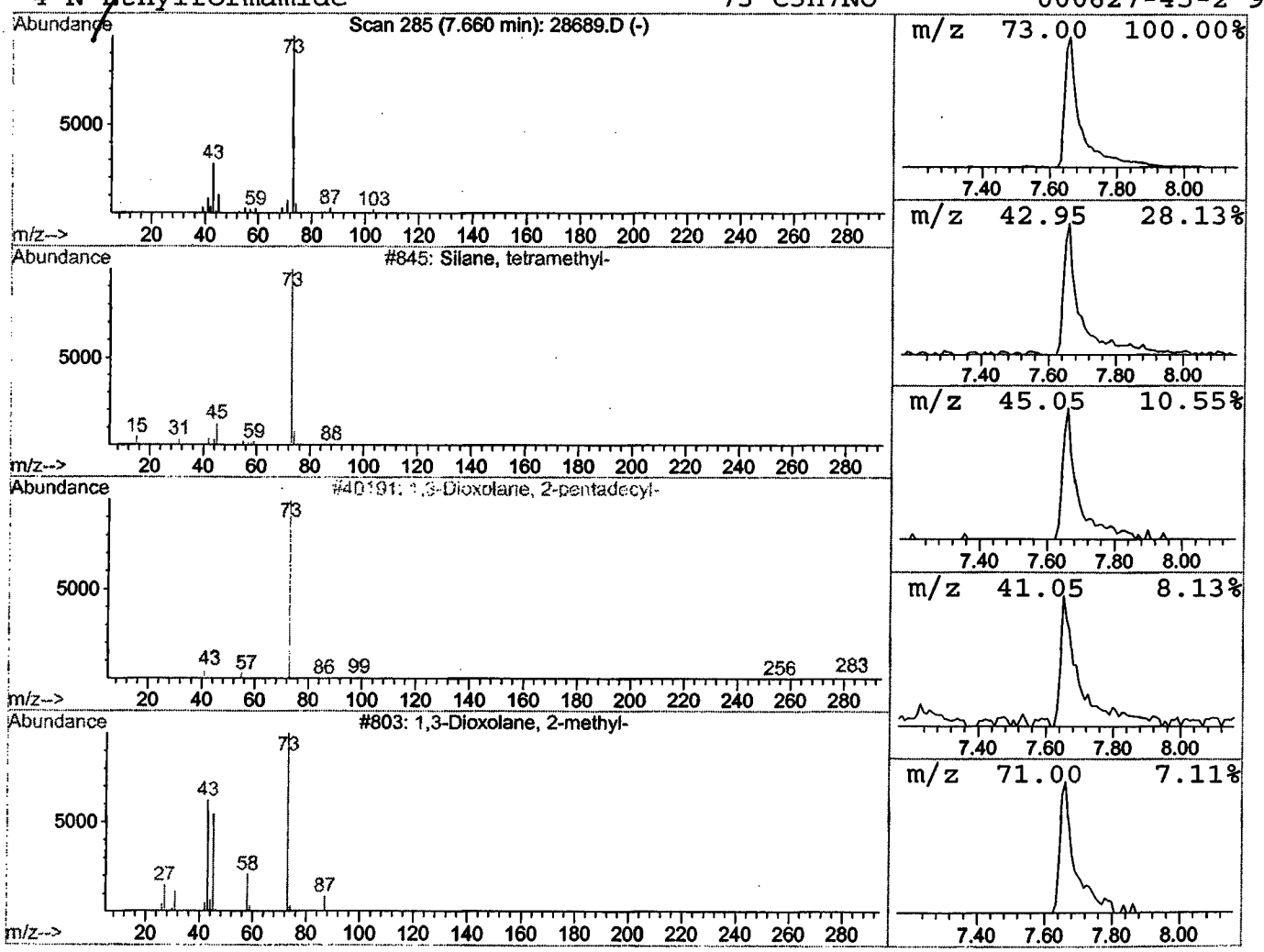
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 1 Silane, tetramethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.66 | 0.86 ug/l | 211012 | 1,4-Dichlorobenzene-d4 | 11.71 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 53 |
| 2 | 1,3-Dioxolane, 2-pentadecyl- | 284 | C18H36O2 | 004360-57-0 | 28 |
| 3 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 9 |
| 4 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 9 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28689.D
Acq On : 5 Dec 2001 1:04 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

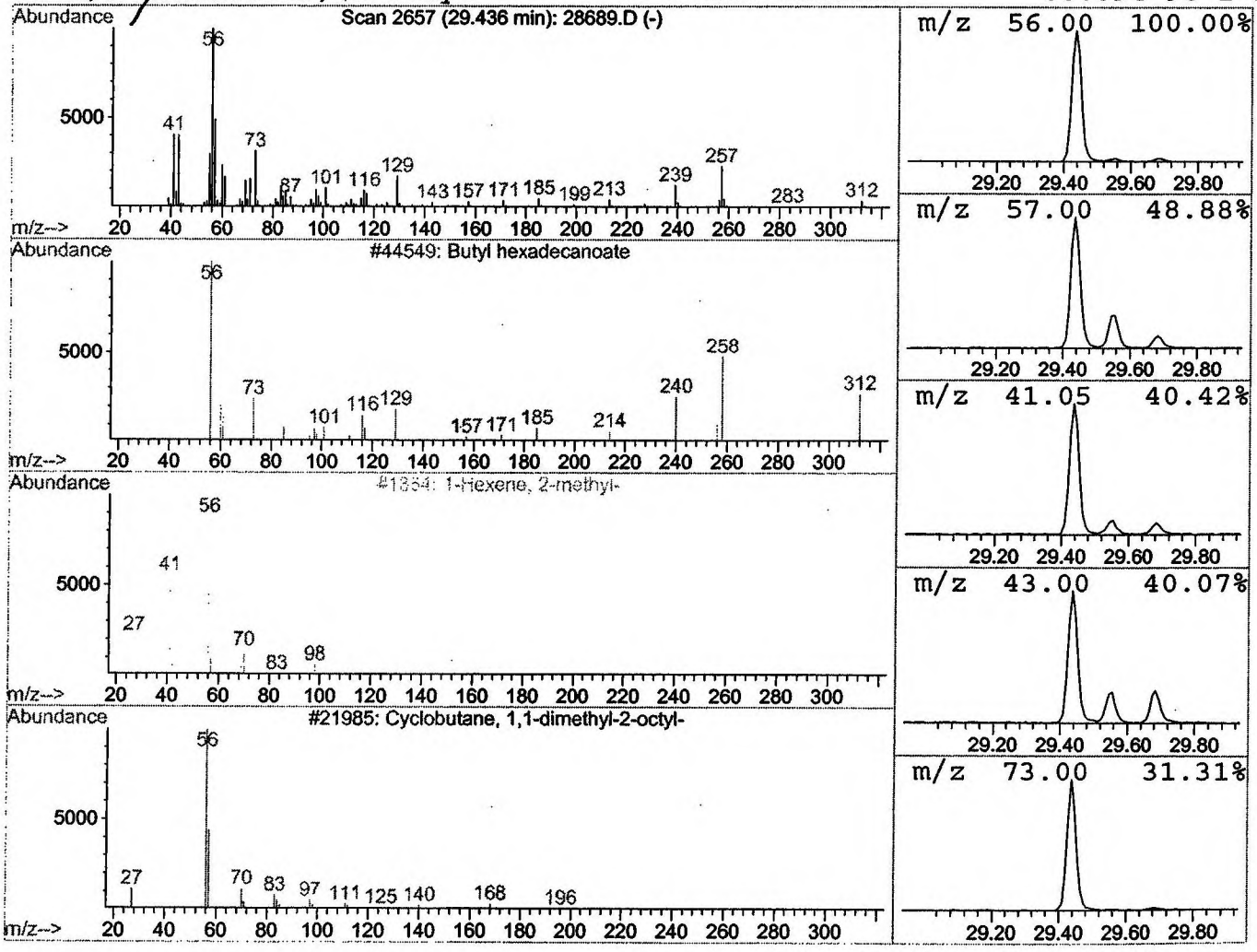
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 2 Butyl hexadecanoate Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 29.44 | 5.79 ug/l | 1139090 | Chrysene-d12 | 33.03 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butyl hexadecanoate | 312 | C20H40O2 | 000000-00-0 | 35 |
| 2 | 1-Hexene, 2-methyl- | 98 | C7H14 | 006094-02-6 | 27 |
| 3 | Cyclobutane, 1,1-dimethyl-2-octyl- | 196 | C14H28 | 062338-30-1 | 27 |
| 4 | 1,3-Hexanediol, 2-ethyl- | 146 | C8H18O2 | 000094-96-2 | 23 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28689.D  Vial: 14
Acq On : 5 Dec 2001 1:04 am  Operator: 209 GALOS
Sample : gc/ms 11/24  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

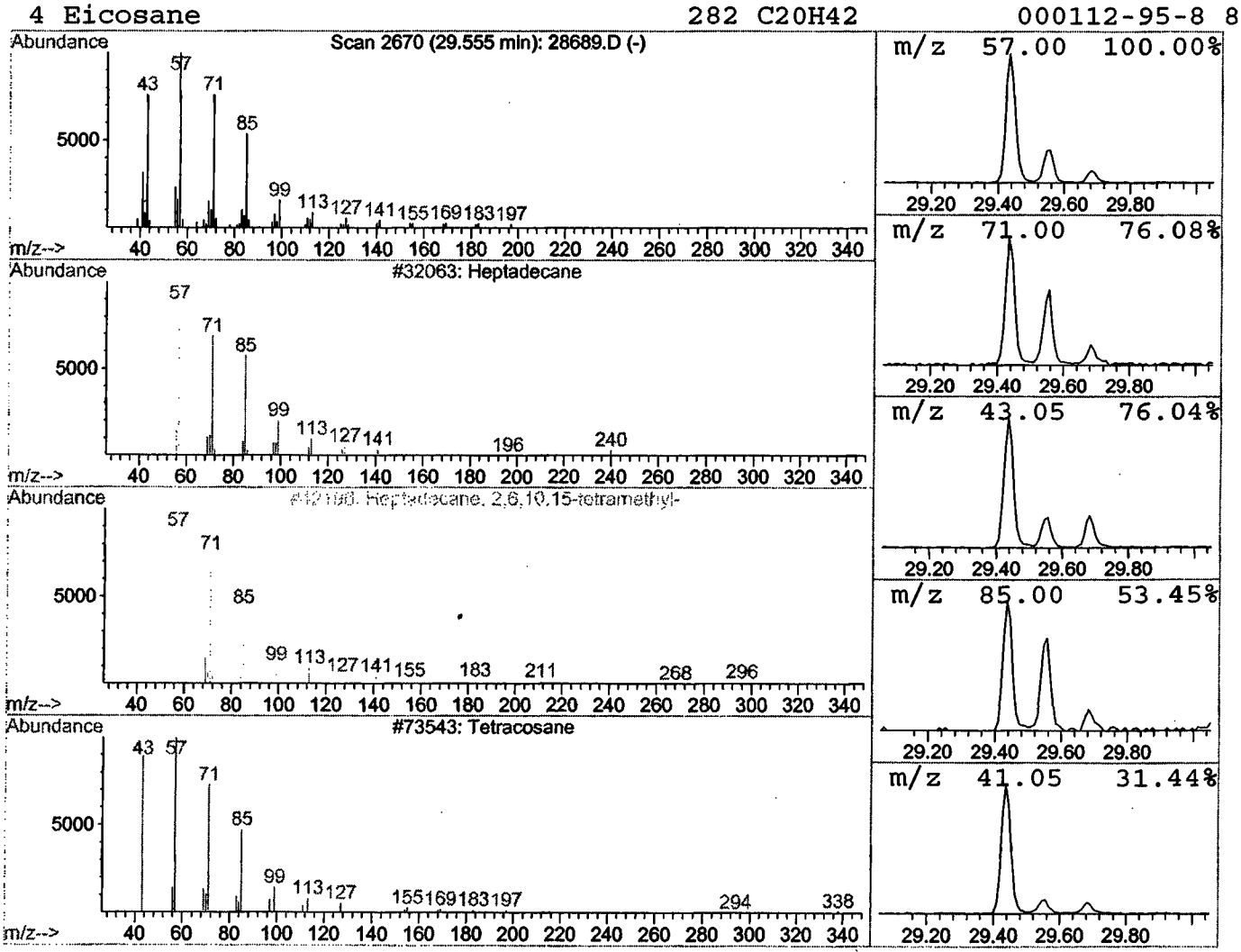
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 3 Heptadecane  Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 29.56 | 0.67 ug/l | 132207 | Chrysene-d12 | 33.03 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 91 |
| 2 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 91 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 90 |
| 4 | Eicosane | 282 | C20H42 | 000112-95-8 | 87 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28689.D  Vial: 14
Acq On : 5 Dec 2001 1:04 am  Operator: 209 GALOS
Sample : gc/ms 11/24  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

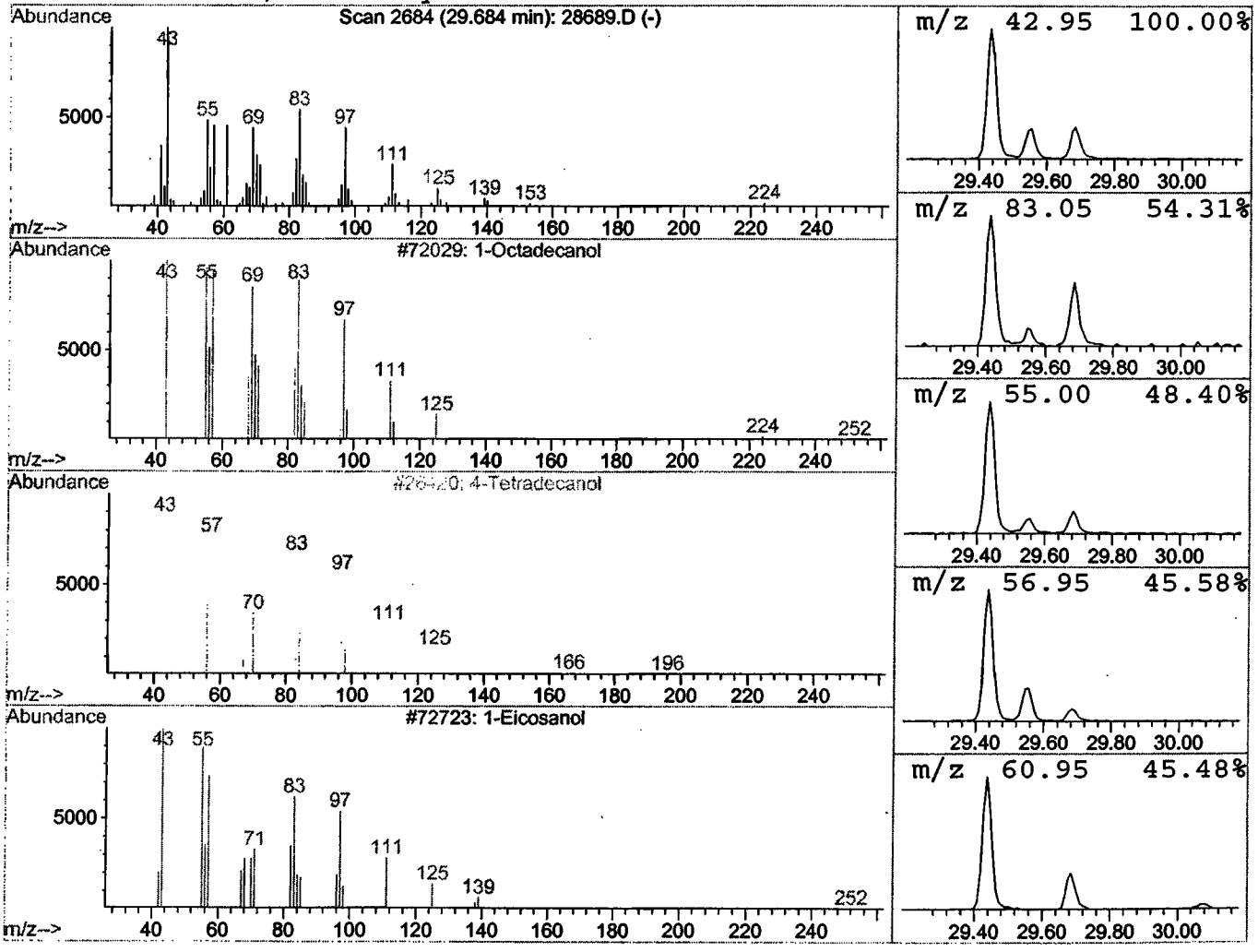
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 4 1-Octadecanol  Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 29.68 | 0.72 ug/l | 141358 | Chrysene-d12 | 33.03 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Octadecanol | 270 | C18H38O | 000112-92-5 | 74 |
| 2 | 4-Tetradecanol | 214 | C14H30O | 001653-33-4 | 74 |
| 3 | 1-Eicosanol | 298 | C20H42O | 000629-96-9 | 72 |
| 4 | Acetic acid, octadecyl ester | 312 | C20H40O2 | 000822-23-1 | 70 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28689.D
Acq On : 5 Dec 2001 1:04 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

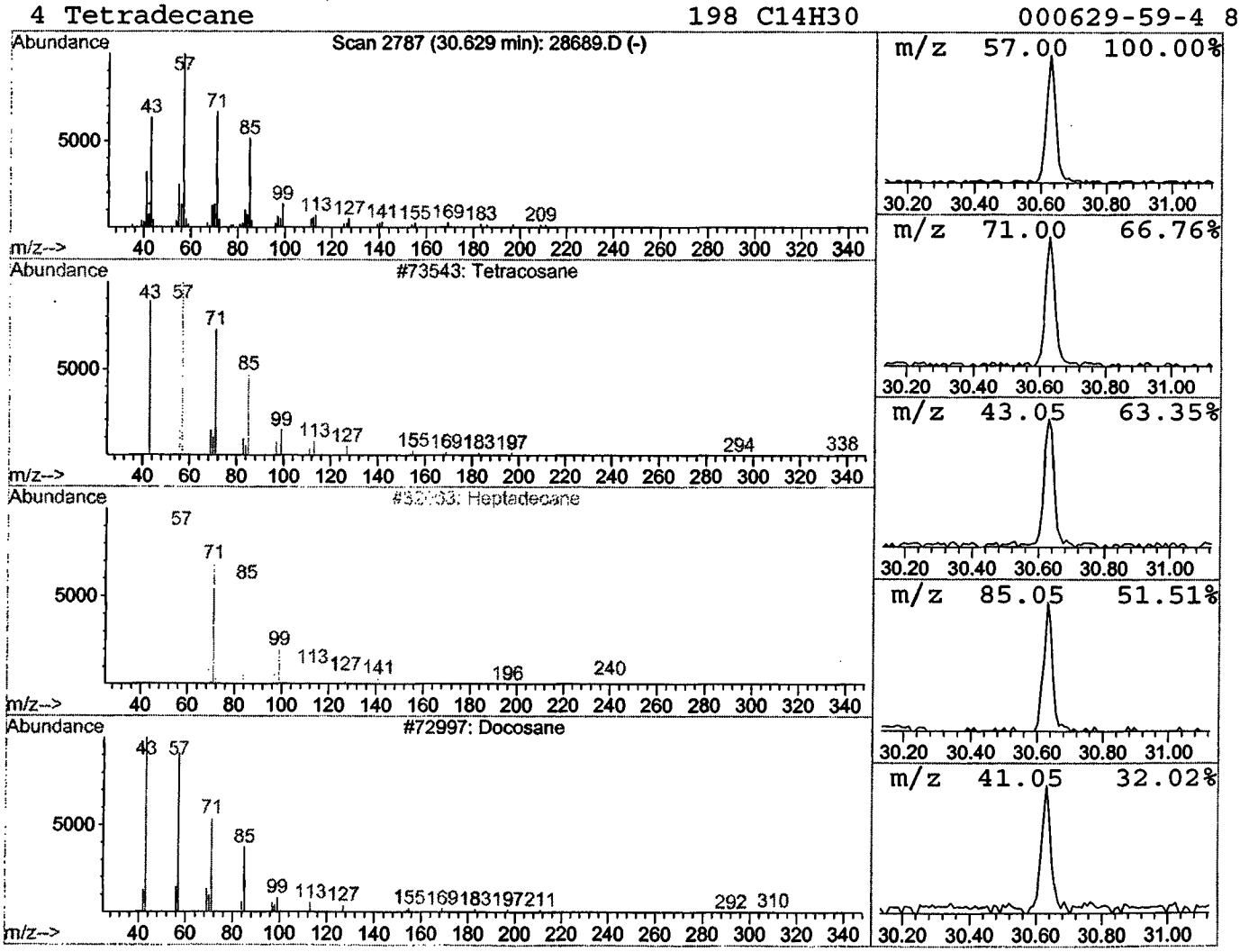
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 5 Tetracosane Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 30.63 | 0.62 ug/l | 121542 | Chrysene-d12 | 33.03 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 91 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 90 |
| 3 | Docosane | 310 | C22H46 | 000629-97-0 | 87 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 87 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28689.D  Vial: 14
Acq On : 5 Dec 2001 1:04 am  Operator: 209 GALOS
Sample : gc/ms 11/24  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

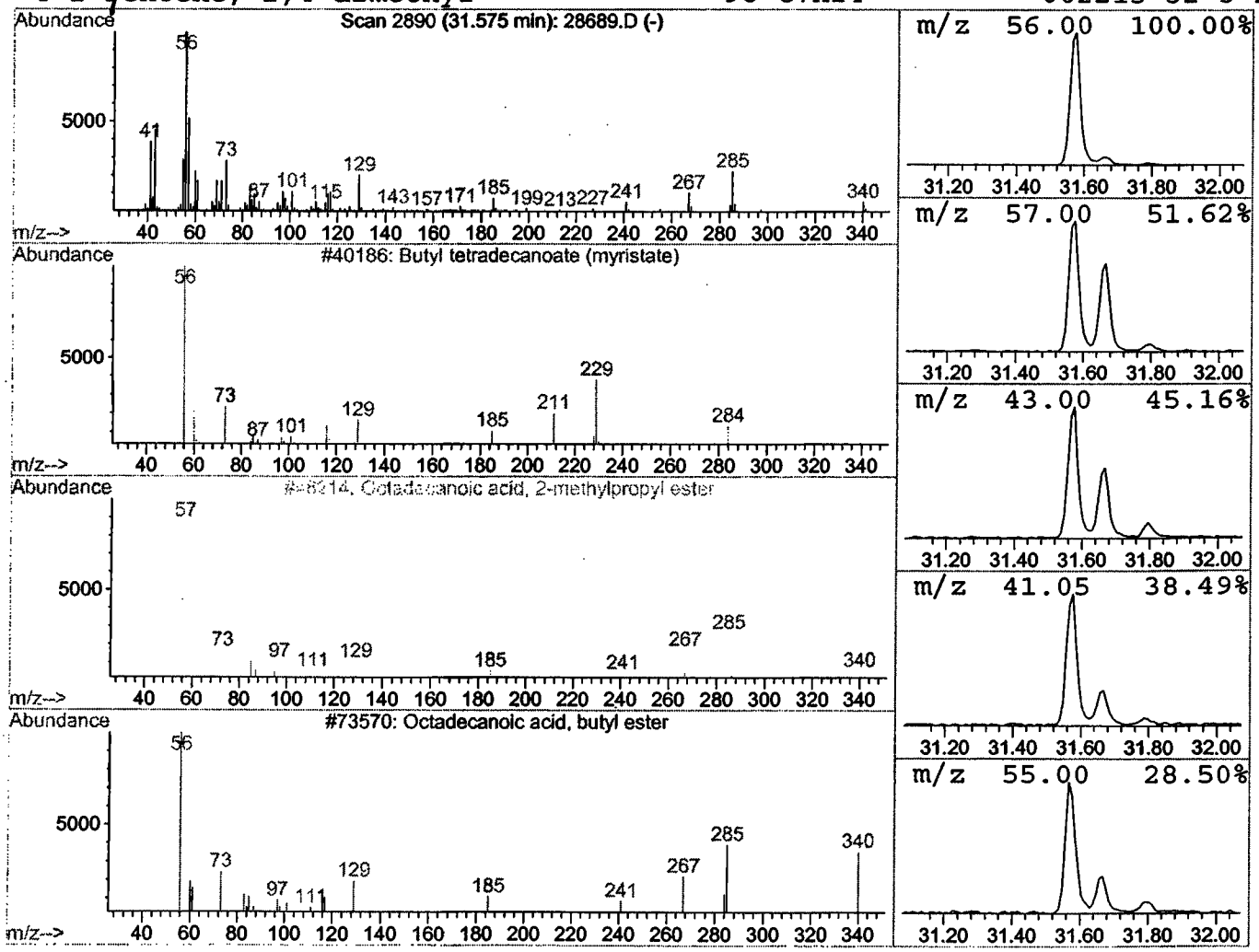
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 6 Butyl tetradecanoate (myristat Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 31.57 | 3.52 ug/l | 691393 | Chrysene-d12 | 33.03 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butyl tetradecanoate (myristate) | 284 | C18H36O2 | 000000-00-0 | 64 |
| 2 | Octadecanoic acid, 2-methylpropyl e | 340 | C22H44O2 | 000646-13-9 | 62 |
| 3 | Octadecanoic acid, butyl ester | 340 | C22H44O2 | 000123-95-5 | 45 |
| 4 | 1-Pentene, 2,4-dimethyl- | 98 | C7H14 | 002213-32-3 | 27 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28689.D
Acq On : 5 Dec 2001 1:04 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

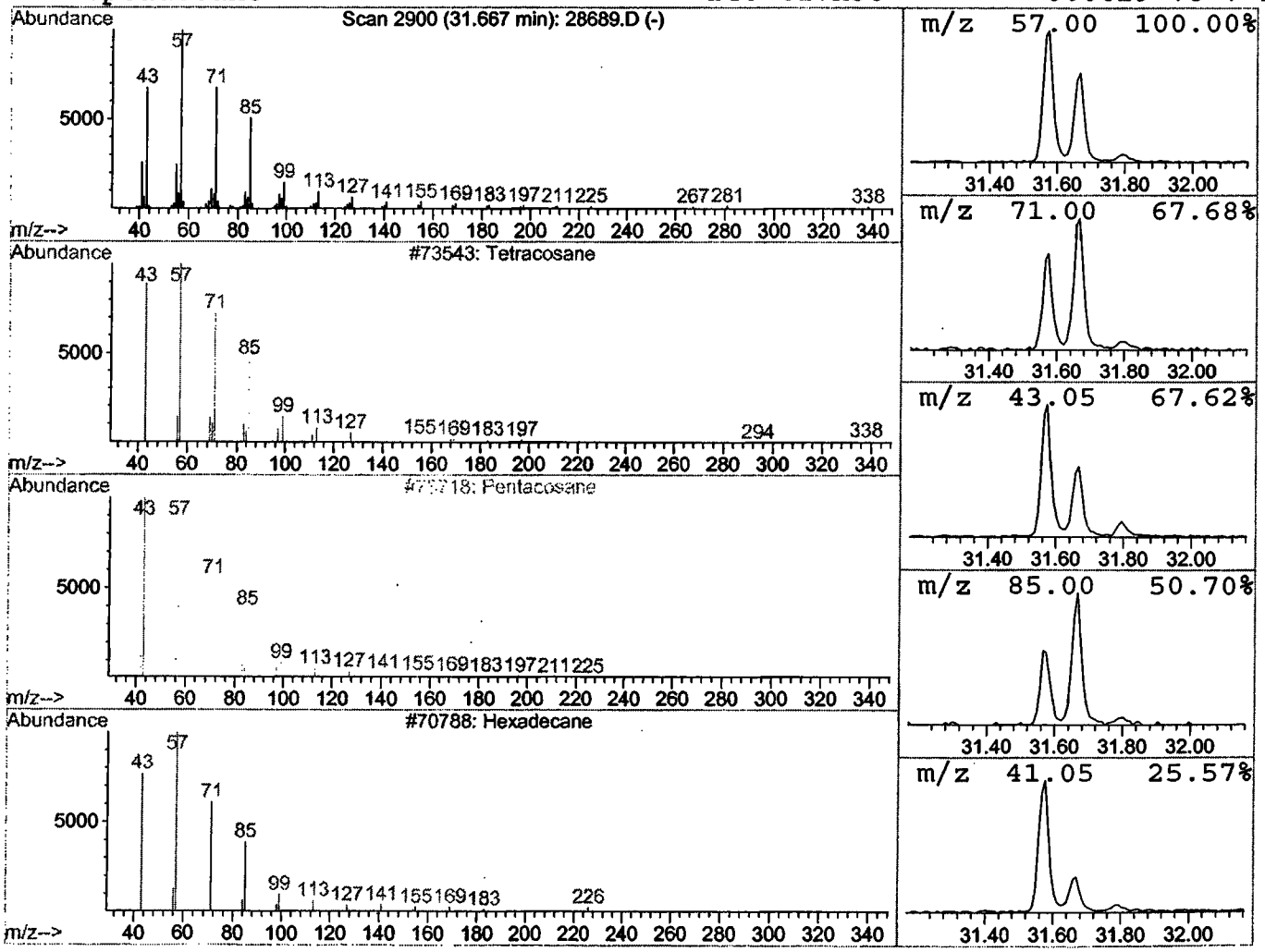
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 7 Tetracosane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 31.67 | 1.03 ug/l | 203084 | Chrysene-d12 | 33.03 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 93 |
| 2 | Pentacosane | 352 | C25H52 | 000629-99-2 | 91 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 90 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28689.D  Vial: 14
Acq On : 5 Dec 2001 1:04 am  Operator: 209 GALOS
Sample : gc/ms 11/24  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

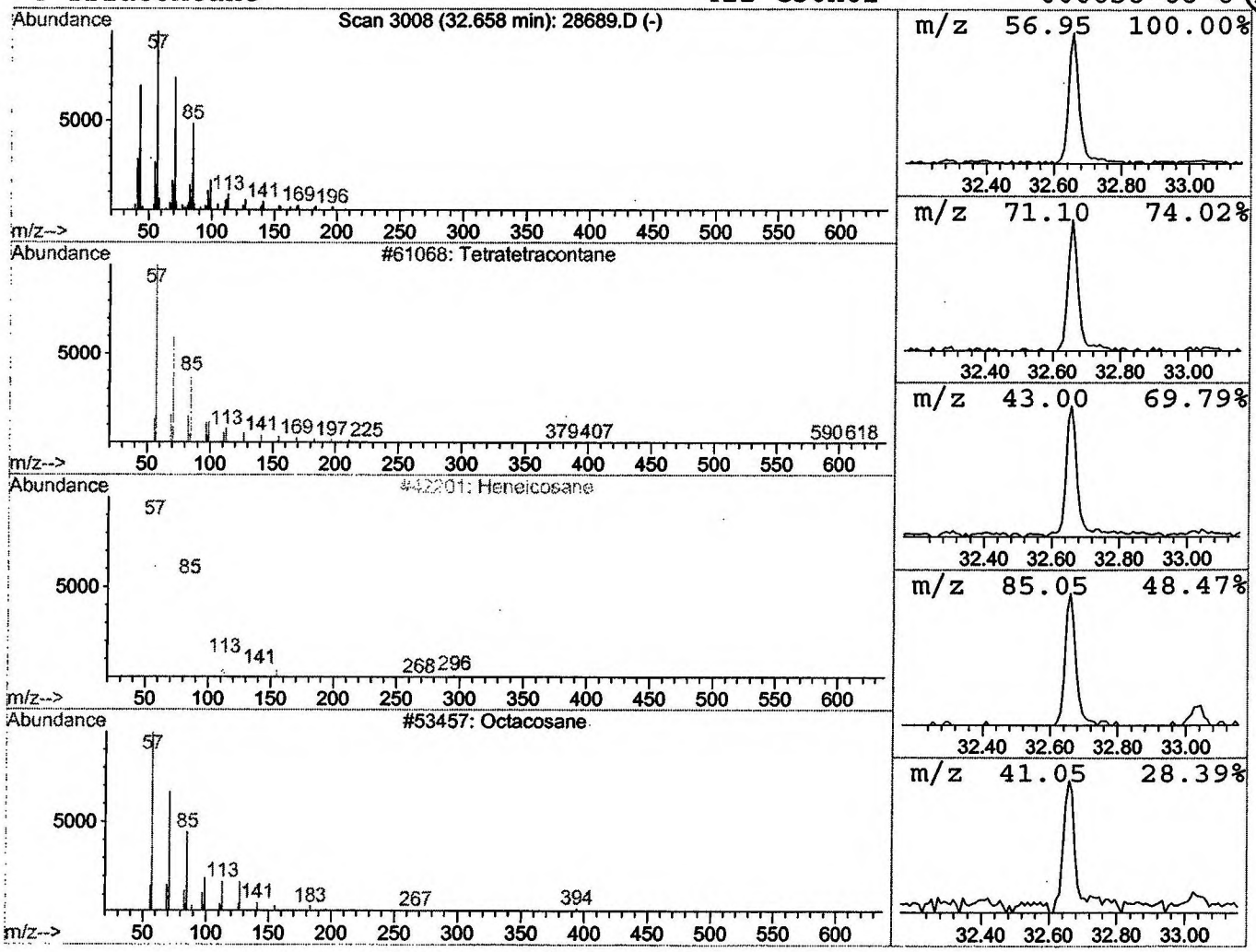
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 8 Tetratetracontane  Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 32.66 | 0.72 ug/l | 140878 | Chrysene-d12 | 33.03 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 91 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 3 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 4 | Triacontane | 422 | C30H62 | 000638-68-6 | 91 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28689.D
Acq On : 5 Dec 2001 1:04 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

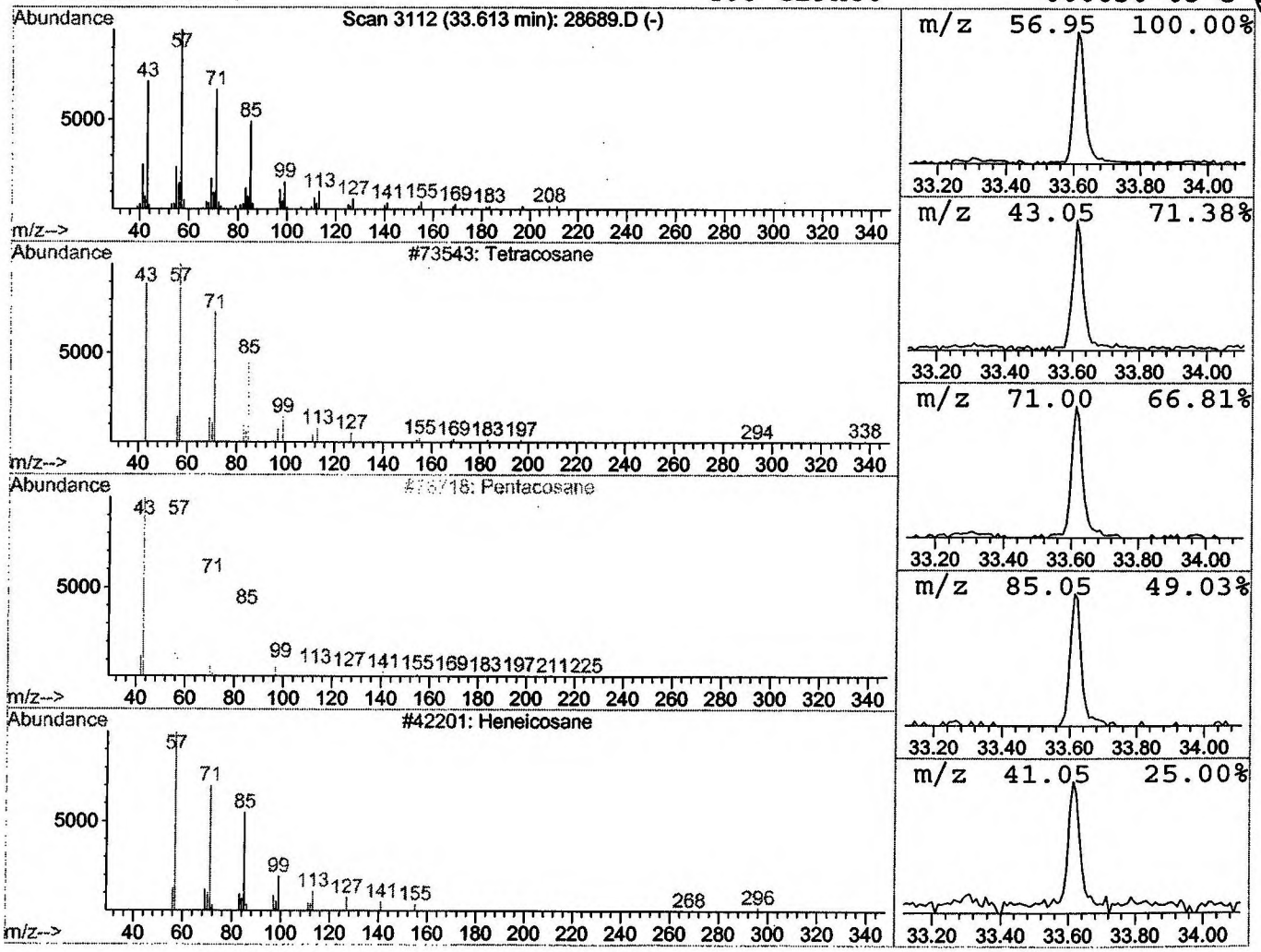
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 9 Tetracosane — Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 33.61 | 0.74 ug/l | 146243 | Chrysene-d12 | 33.03 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 91 |
| 2 | Pentacosane | 352 | C25H52 | 000629-99-2 | 91 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 4 | Nonacosane | 408 | C29H60 | 000630-03-5 | 91 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28689.D  Vial: 14
Acq On : 5 Dec 2001 1:04 am  Operator: 209 GALOS
Sample : gc/ms 11/24  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

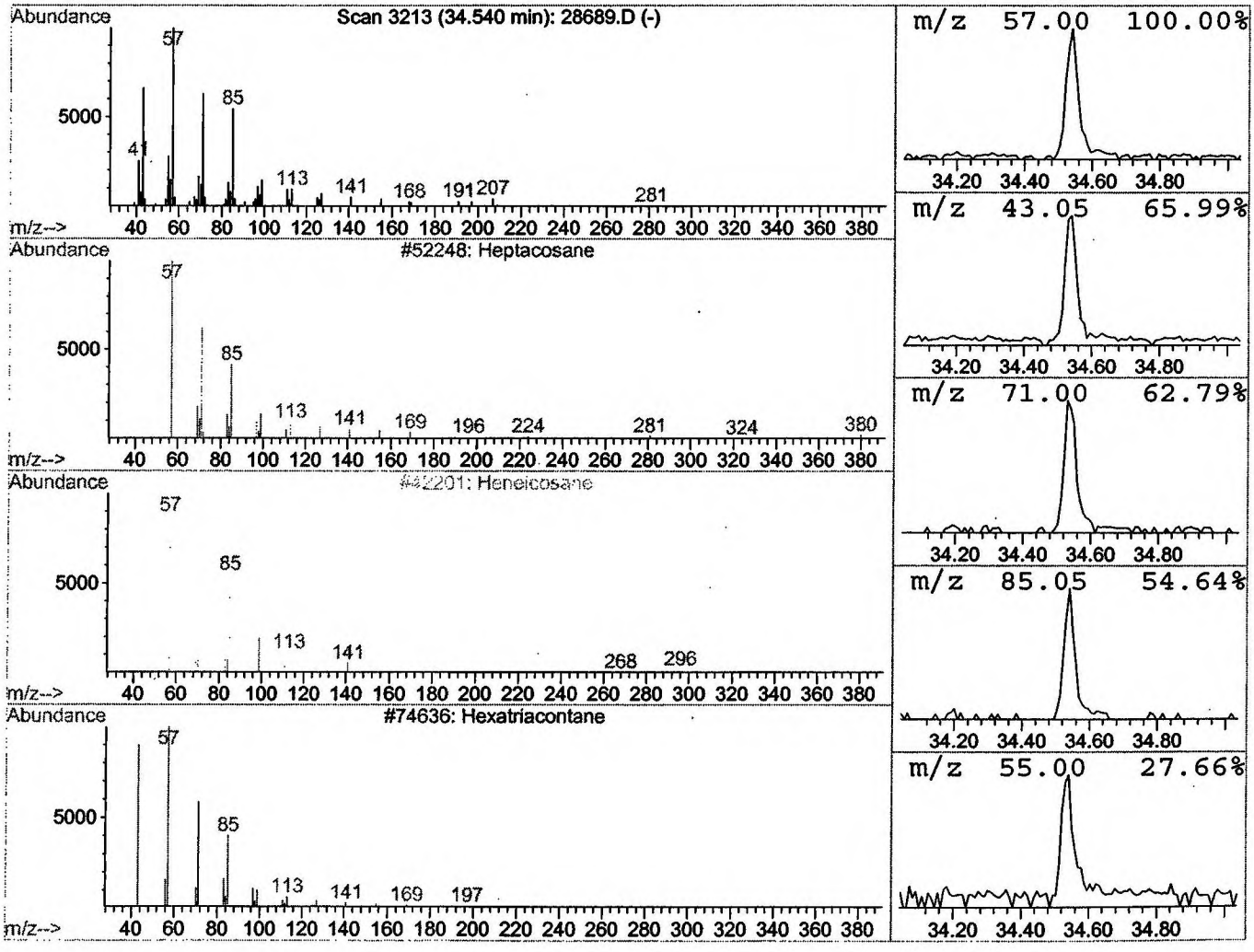
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 10 Heptacosane  Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 34.54 | 0.52 ug/l | 101586 | Chrysene-d12 | 33.03 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 3 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 87 |
| 4 | Pentacosane | 352 | C25H52 | 000629-99-2 | 86 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28689.D  Vial: 14
Acq On : 5 Dec 2001 1:04 am  Operator: 209 GALOS
Sample : gc/ms 11/24  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

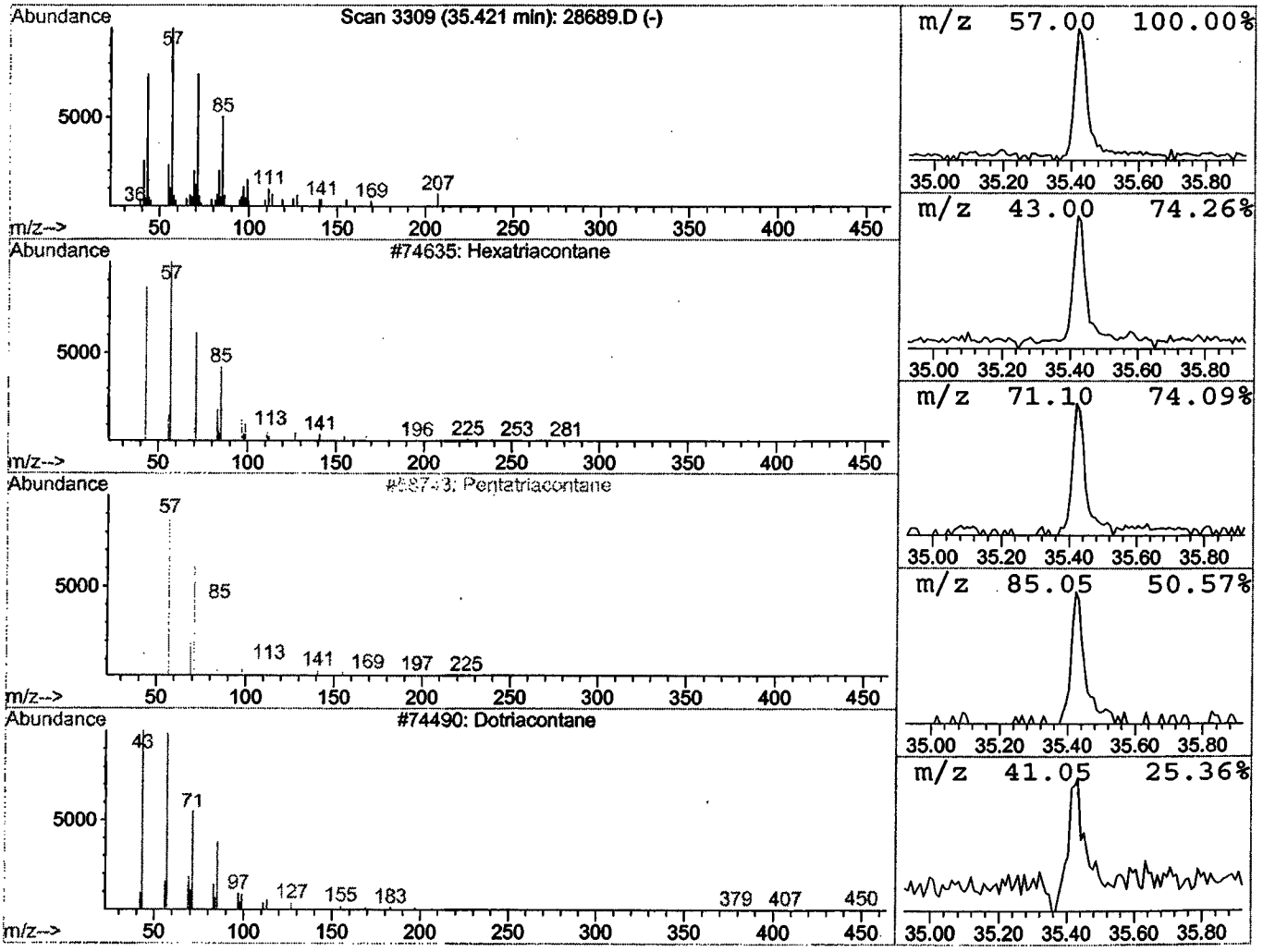
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 11 Hexatriacontane  Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 35.42 | 0.55 ug/l | 81037 | Perylene-d12 | 37.13 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 90 |
| 2 | Pentatriacontane | 493 | C35H72 | 000630-07-9 | 90 |
| 3 | Dotriacontane | 451 | C32H66 | 000544-85-4 | 86 |
| 4 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 83 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28689.D
Acq On : 5 Dec 2001 1:04 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

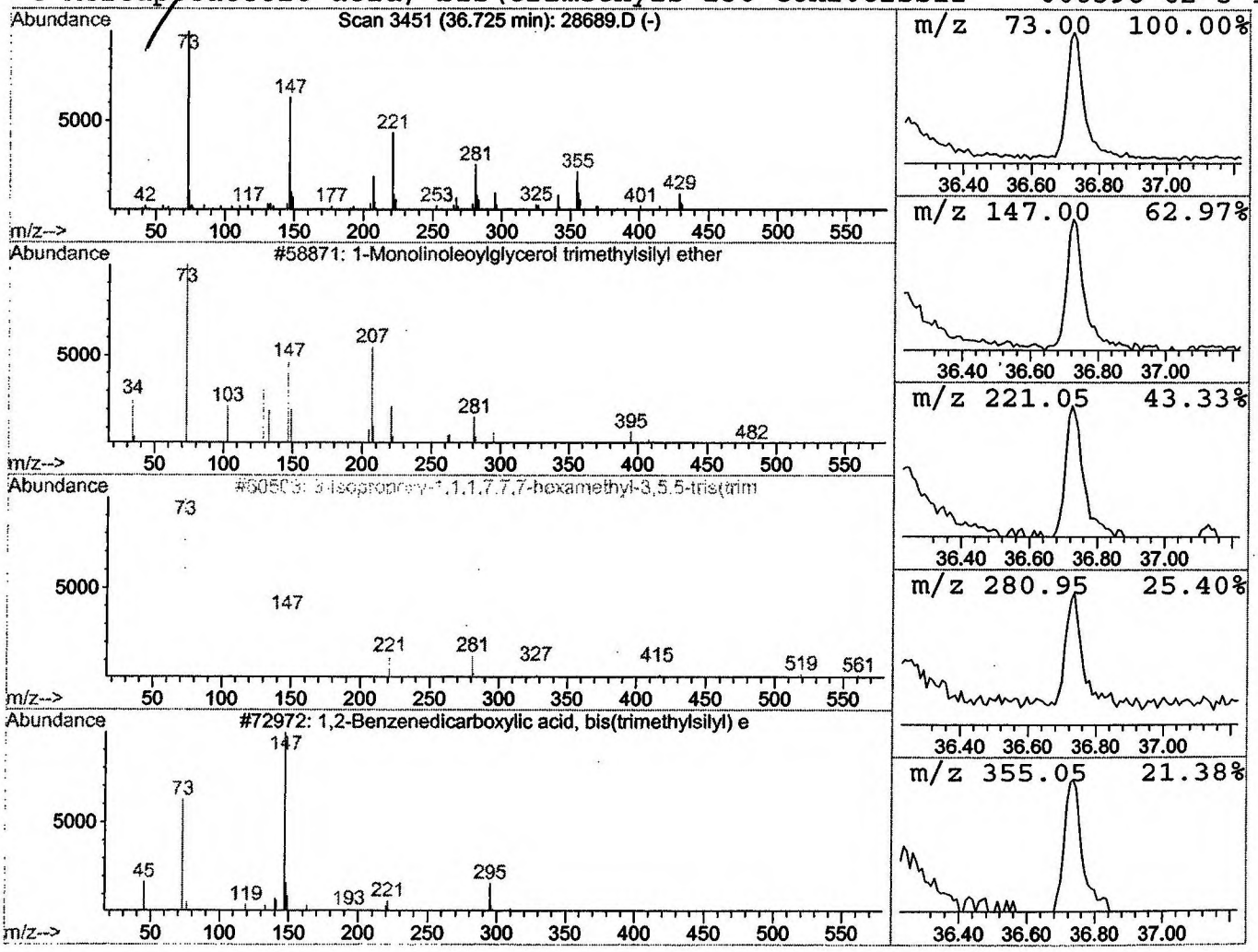
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 12 1-Monolinoleoylglycerol trimet Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 36.73 | 0.97 ug/l | 144125 | Perylene-d12 | 37.13 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Monolinoleoylglycerol trimethylsi | 498 | C27H54O4Si2 | 054284-45-6 | 23 |
| 2 | 3-Isopropoxy-1,1,1,7,7,7-hexamethyl | 576 | C18H52O7Si7 | 071579-69-6 | 17 |
| 3 | 1,2-Benzenedicarboxylic acid, bis(t | 310 | C14H22O4Si2 | 002078-22-0 | 16 |
| 4 | Mercaptoacetic acid, bis(trimethyls | 236 | C8H20O2SSi2 | 006398-62-5 | 12 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28689.D  Vial: 14
Acq On : '5 Dec 2001 1:04 am  Operator: 209 GALOS
Sample : gc/ms 11/24  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

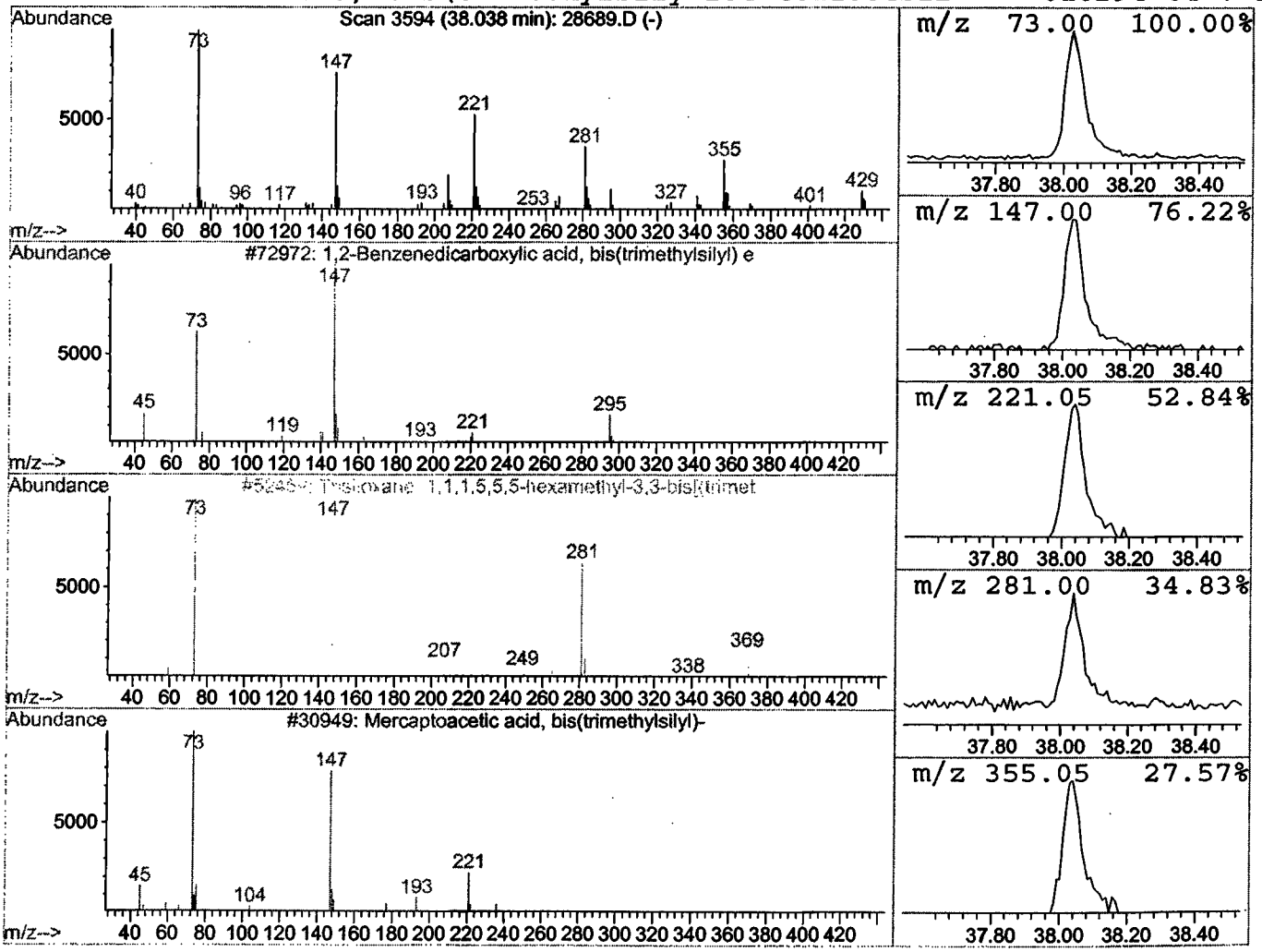
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 13 1,2-Benzenedicarboxylic acid, Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 38.04 | 1.06 ug/l | 157399 | Perylene-d12 | 37.13 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2-Benzenedicarboxylic acid, bis(t | 310 | C14H22O4Si2 | 002078-22-0 | 35 |
| 2 | Trisiloxane, 1,1,1,5,5,5-hexamethyl | 384 | C12H36O4Si5 | 003555-47-3 | 25 |
| 3 | Mercaptoacetic acid, bis(trimethyls | 236 | C8H20O2SSi2 | 006398-62-5 | 17 |
| 4 | Ethanedioic acid, bis(trimethylsily | 234 | C8H18O4Si2 | 018294-04-7 | 12 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28689.D  Vial: 14
Acq On : 5 Dec 2001 1:04 am  Operator: 209 GALOS
Sample : gc/ms 11/24  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

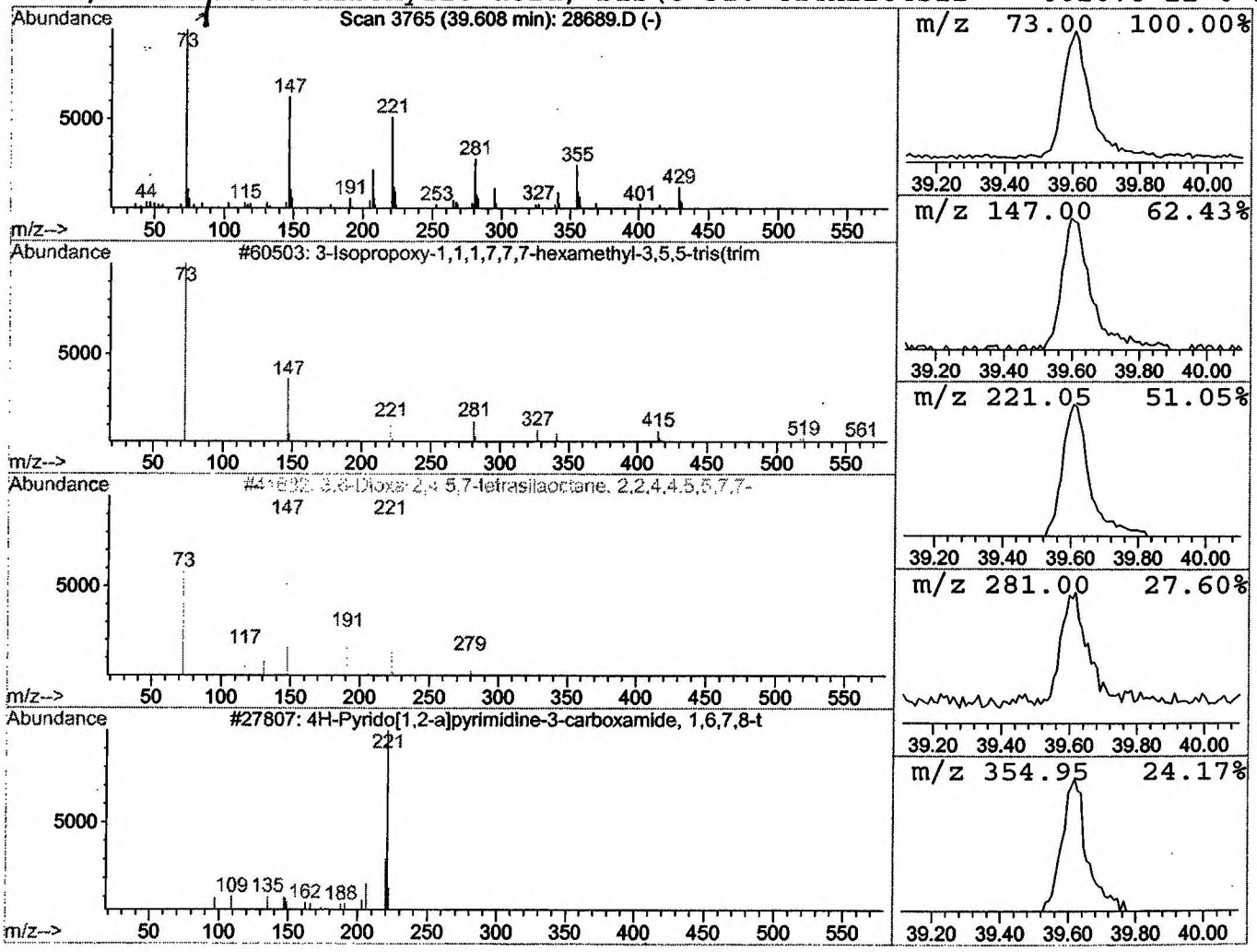
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 14 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 39.61 | 1.15 ug/l | 170947 | Perylene-d12 | 37.13 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Isopropoxy-1,1,1,7,7,7-hexamethyl | 576 | C18H52O7Si7 | 071579-69-6 | 23 |
| 2 | 3,6-Dioxa-2,4,5,7-tetrasilaoctane, | 294 | C10H30O2Si4 | 004342-25-0 | 17 |
| 3 | 4H-Pyrido[1,2-a]pyrimidine-3-carbox | 221 | C11H15N3O2 | 064399-29-7 | 10 |
| 4 | 1,2-Benzenedicarboxylic acid, bis(t | 310 | C14H22O4Si2 | 002078-22-0 | 10 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28689.D  Vial: 14
Acq On : 5 Dec 2001 1:04 am  Operator: 209 GALOS
Sample : gc/ms 11/24  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

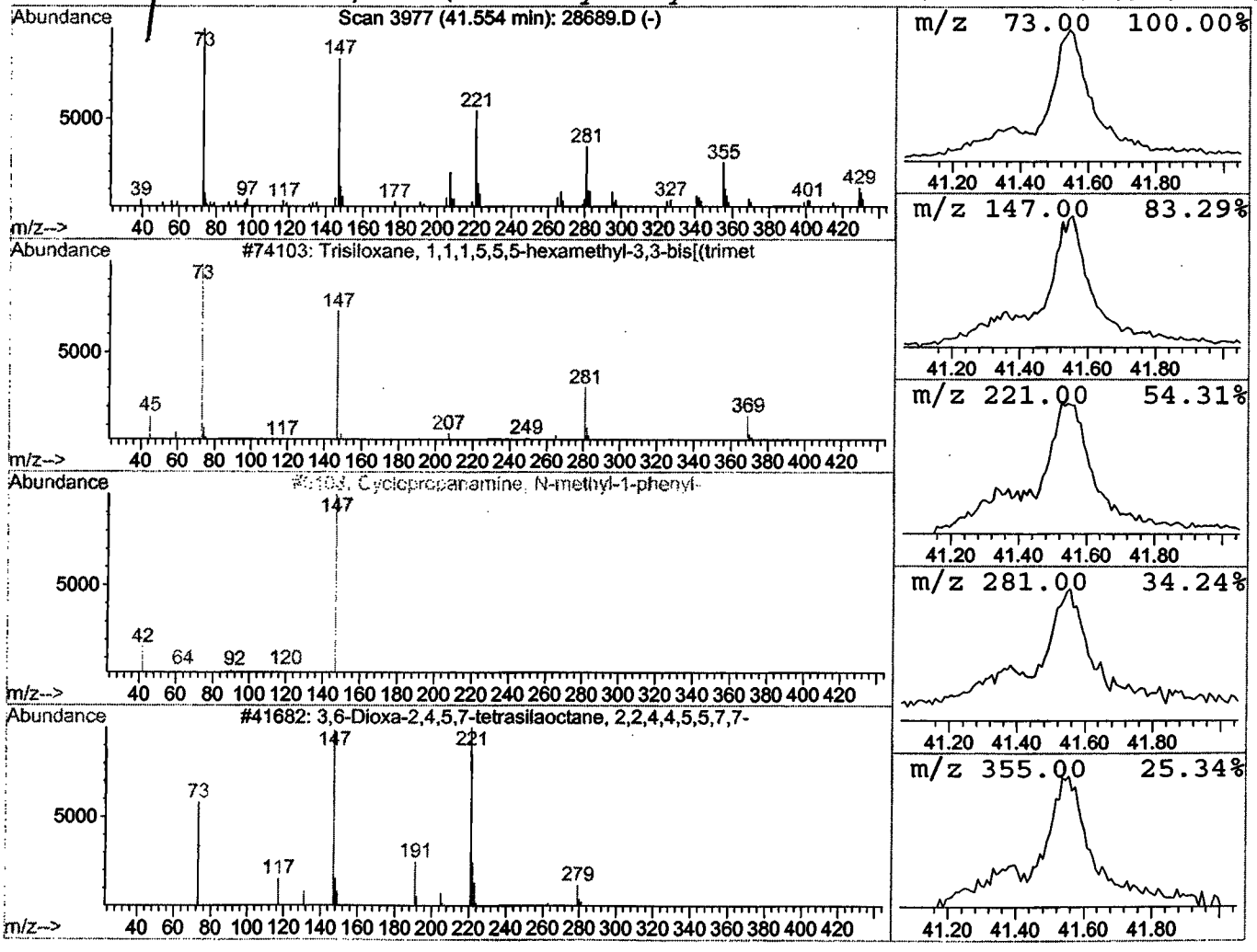
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 15 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 41.55 | 1.98 ug/l | 293324 | Perylene-d12 | 37.13 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Trisiloxane, 1,1,1,5,5,5-hexamethyl | 384 | C12H36O4Si5 | 003555-47-3 | 38 |
| 2 | Cyclopropanamine, N-methyl-1-phenyl | 147 | C10H13N | 056771-48-3 | 27 |
| 3 | 3,6-Dioxa-2,4,5,7-tetrasilaoctane, | 294 | C10H30O2Si4 | 004342-25-0 | 16 |
| 4 | Butanedioic acid, bis(trimethylsily | 262 | C10H22O4Si2 | 040309-57-7 | 16 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28689.D  Vial: 14
Acq On : 5 Dec 2001 1:04 am  Operator: 209 GALOS
Sample : gc/ms 11/24  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

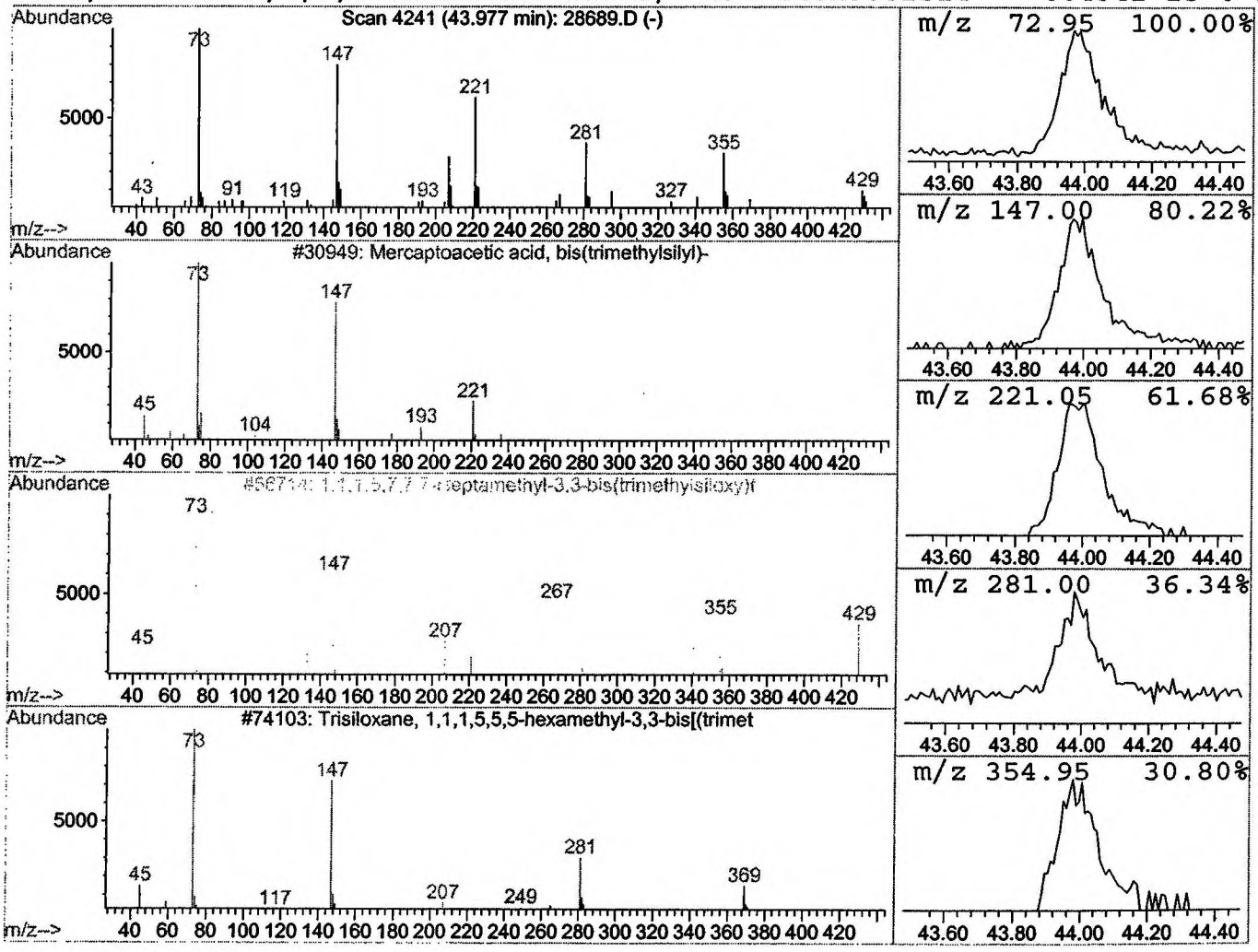
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 16 Mercaptoacetic acid, bis(trime Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 43.98 | 1.47 ug/l | 217635 | Perylene-d12 | 37.13 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mercaptoacetic acid, bis(trimethyls | 236 | C8H20O2SSi2 | 006398-62-5 | 32 |
| 2 | 1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t | 444 | C13H40O5Si6 | 038147-00-1 | 25 |
| 3 | Trisiloxane, 1,1,1,5,5,5-hexamethyl | 384 | C12H36O4Si5 | 003555-47-3 | 25 |
| 4 | 3,6-Dioxa-2,4,5,7-tetrasilaoctane, | 294 | C10H30O2Si4 | 004342-25-0 | 17 |



# Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 5 Dec 2001 1:04 am
Data File: C:\HPCHEM\1\DATA\DEC0401\28689.D
Name: gc/ms 11/24
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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 |
|---|---|---|---|---|---|---|---|---|
| Silane, tetramethyl- | 7.66 | 0.9 | ug/l | 211012 | ISTD01 | 11.71 | 4921430 | 20.0 |
| Butyl hexadecanoate | 29.44 | 5.8 | ug/l | 1139090 | ISTD05 | 33.03 | 3933100 | 20.0 |
| Heptadecane | 29.56 | 0.7 | ug/l | 132207 | ISTD05 | 33.03 | 3933100 | 20.0 |
| 1-Octadecanol | 29.68 | 0.7 | ug/l | 141358 | ISTD05 | 33.03 | 3933100 | 20.0 |
| Tetracosane | 30.63 | 0.6 | ug/l | 121542 | ISTD05 | 33.03 | 3933100 | 20.0 |
| Butyl tetradecanoate | 31.57 | 3.5 | ug/l | 691393 | ISTD05 | 33.03 | 3933100 | 20.0 |
| Tetracosane | 31.67 | 1.0 | ug/l | 203084 | ISTD05 | 33.03 | 3933100 | 20.0 |
| Tetratetracontane | 32.66 | 0.7 | ug/l | 140878 | ISTD05 | 33.03 | 3933100 | 20.0 |
| Tetracosane | 33.61 | 0.7 | ug/l | 146243 | ISTD05 | 33.03 | 3933100 | 20.0 |
| Heptacosane | 34.54 | 0.5 | ug/l | 101586 | ISTD05 | 33.03 | 3933100 | 20.0 |
| Hexatriacontane | 35.42 | 0.5 | ug/l | 81037 | ISTD06 | 37.13 | 2964060 | 20.0 |
| 1-Monolinoleoylglyce | 36.73 | 1.0 | ug/l | 144125 | ISTD06 | 37.13 | 2964060 | 20.0 |
| 1,2-Benzenedicarboxy | 38.04 | 1.1 | ug/l | 157399 | ISTD06 | 37.13 | 2964060 | 20.0 |
| 3-Isopropoxy-1,1,1,7 | 39.61 | 1.2 | ug/l | 170947 | ISTD06 | 37.13 | 2964060 | 20.0 |
| Trisiloxane, 1,1,1,5 | 41.55 | 2.0 | ug/l | 293324 | ISTD06 | 37.13 | 2964060 | 20.0 |
| Mercaptoacetic acid, | 43.98 | 1.5 | ug/l | 217635 | ISTD06 | 37.13 | 2964060 | 20.0 |

28689.D GCMS1126.M Mon Dec 10 10:20:14 2001

**Comments for Sample AD28682 - Analysis $GCMS**

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-10-2001 Time: 12:24:23

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for the Surrogate Standard in this samle was 66%. Recoveries for 9 of the 44 compounds in the LCS Standard were outside of their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV2601\28682.D Vial: 10
Acq On : 28 Nov 2001 2:05 am Operator: 209 GALOS
Sample : 11/24 scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 10 12:09 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 11.70 | 152 | 938951 | 20.00 | ug/l | 0.00 |
| 15) Naphthalene-d8 | 15.31 | 136 | 3544396 | 20.00 | ug/l | 0.00 |
| 26) Acenaphthene-d10 | 20.57 | 164 | 1664310 | 20.00 | ug/l | 0.00 |
| 42) Phenanthrene-d10 | 24.99 | 188 | 2190164 | 20.00 | ug/l | 0.00 |
| 53) Chrysene-d12 | 33.02 | 240 | 879474 | 20.00 | ug/l | -0.01 |
| 59) Perylene-d12 | 37.12 | 264 | 507100 | 20.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 52) 2,4-DDD | 30.07 | 235 | 86341 | 3.31 | ug/mL | 0.00 |
| Spiked Amount 5.000 | | | Recovery = 66.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Pyridine | 0.00 | 79 | 0 | N.D. | | |
| 3) N-nitroso-dimethyl amine | 0.00 | 74 | 0 | N.D. | | |
| 4) Phenol | 0.00 | 94 | 0 | N.D. | | |
| 5) bis(2-Chloroethyl)ether | 0.00 | 93 | 0 | N.D. | | |
| 6) 2-Chlorophenol | 0.00 | 128 | 0 | N.D. | | |
| 7) 1,3-Dichlorobenzene | 0.00 | 146 | 0 | N.D. | | |
| 8) 1,4-Dichlorobenzene | 0.00 | 146 | 0 | N.D. | | |
| 9) 1,2-Dichlorobenzene | 0.00 | 146 | 0 | N.D. | | |
| 10) 2-Methylphenol | 0.00 | 108 | 0 | N.D. | | |
| 11) 2,2'-oxybis(1-Chloropropan | 0.00 | 45 | 0 | N.D. | | |
| 12) 3&4-Methylphenol | 0.00 | 108 | 0 | N.D. | | |
| 13) N-Nitroso-di-n-propylamine | 0.00 | 70 | 0 | N.D. | | |
| 14) Hexachloroethane | 0.00 | 117 | 0 | N.D. | | |
| 16) Nitrobenzene | 0.00 | 77 | 0 | N.D. | | |
| 17) Isophorone | 0.00 | 82 | 0 | N.D. | | |
| 18) 2-Nitrophenol | 0.00 | 139 | 0 | N.D. | | |
| 19) 2,4-Dimethylphenol | 0.00 | 107 | 0 | N.D. | | |
| 20) bis(2-Chloroethoxy)methane | 0.00 | 93 | 0 | N.D. | | |
| 21) 2,4-Dichlorophenol | 0.00 | 162 | 0 | N.D. | | |
| 22) 1,2,4-Trichlorobenzene | 0.00 | 180 | 0 | N.D. | | |
| 23) Naphthalene | 15.36 | 128 | 648 | N.D. | | |
| 24) Hexachlorobutadiene | 0.00 | 225 | 0 | N.D. | | |
| 25) 4-Chloro-3-methylphenol | 0.00 | 107 | 0 | N.D. | | |
| 27) Hexachlorocyclopentadiene | 0.00 | 237 | 0 | N.D. | | |
| 28) 2,4,6-Trichlorophenol | 0.00 | 196 | 0 | N.D. | | |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV2601\28682.D Vial: 10
Acq On : 28 Nov 2001 2:05 am Operator: 209 GALOS
Sample : 11/24 scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 10 12:09 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

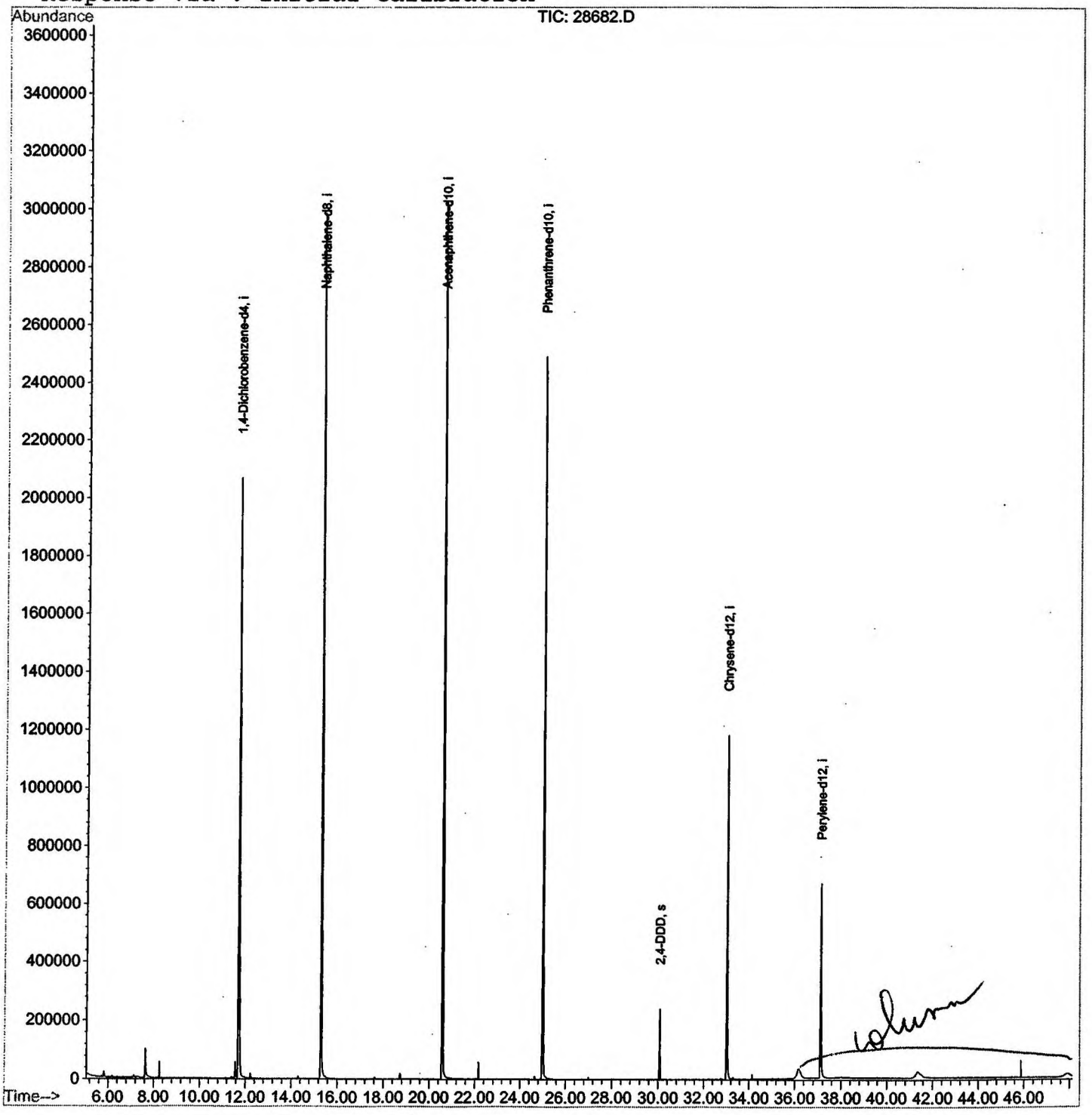
| | Compound | R.T. | QIon | Response | Conc Unit | Qvalue |
|---|---|---|---|---|---|---|
| 29) | 2,4,5-Trichlorophenol | 0.00 | 196 | 0 | N.D. | |
| 30) | 2-Chloronaphthalene | 0.00 | 162 | 0 | N.D. | |
| 31) | Dimethylphthalate | 0.00 | 163 | 0 | N.D. | |
| 32) | 2,6-Dinitrotoluene | 0.00 | 165 | 0 | N.D. | d |
| 33) | Acenaphthylene | 0.00 | 152 | 0 | N.D. | |
| 34) | Acenaphthene | 0.00 | 153 | 0 | N.D. | |
| 35) | 2,4-Dinitrophenol | 0.00 | 184 | 0 | N.D. | |
| 36) | 4-Nitrophenol | 0.00 | 65 | 0 | N.D. | |
| 37) | 2,4-Dinitrotoluene | 20.97 | 165 | 290 | N.D. | |
| 38) | Diethylphthalate | 22.10 | 149 | 407 | N.D. | |
| 39) | 4-Chlorophenyl-phenylether | 0.00 | 204 | 0 | N.D. | |
| 40) | Fluorene | 0.00 | 166 | 0 | N.D. | |
| 41) | Azobenzen/ 1,2-Diphenylhyd | 0.00 | 77 | 0 | N.D. | |
| 43) | 4,6-Dinitro-2-methylphenol | 0.00 | 198 | 0 | N.D. | |
| 44) | N-Nitrosodiphenylamine | 0.00 | 168 | 0 | N.D. | |
| 45) | 4-Bromophenyl-phenylether | 0.00 | 248 | 0 | N.D. | |
| 46) | Hexachlorobenzene | 0.00 | 284 | 0 | N.D. | |
| 47) | Pentachlorophenol | 0.00 | 266 | 0 | N.D. | |
| 48) | Phenanthrene | 25.00 | 178 | 755 | N.D. | |
| 49) | Anthracene | 25.00 | 178 | 755 | N.D. | |
| 50) | Di-n-butylphthalate | 27.00 | 149 | 9042 | N.D. | |
| 51) | Fluoranthene | 0.00 | 202 | 0 | N.D. | |
| 54) | Pyrene | 0.00 | 202 | 0 | N.D. | |
| 55) | Butylbenzylphthalate | 0.00 | 149 | 0 | N.D. | |
| 56) | Benzo(a)anthracene | 33.02 | 228 | 2095 | N.D. | |
| 57) | Bis(2-ethylhexyl)phthalate | 33.30 | 149 | 3575 | N.D. | |
| 58) | Chrysene | 33.10 | 228 | 290 | N.D. | |
| 60) | Di-n-Octylphthalate | 0.00 | 149 | 0 | N.D. | |
| 61) | Benzo(b)fluoranthene | 36.08 | 252 | 398 | N.D. | |
| 62) | Benzo(k)fluoranthene | 36.14 | 252 | 620 | N.D. | |
| 63) | Benzo(a)pyrene | 37.12 | 252 | 1896 | N.D. | |
| 64) | Indeno(1,2,3-cd)pyrene | 0.00 | 276 | 0 | N.D. | |
| 65) | Dibenz(a,h)anthracene | 0.00 | 278 | 0 | N.D. | |
| 66) | 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\NOV2601\28682.D Vial: 10
Acq On : 28 Nov 2001 2:05 am Operator: 209 GALOS
Sample : 11/24 scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 10 12:09 2001 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration



# LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28682.D  Vial: 10
Acq On : 28 Nov 2001 2:05 am  Operator: 209 GALOS
Sample : 11/24 scan  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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 | 7.630 | 278 | 282 | 299 | rBV | 100499 | 278294 | 4.26% | 0.958% |
| 2 | 11.559 | 706 | 710 | 720 | rBV | 54888 | 123408 | 1.89% | 0.425% |
| 3 | 11.697 | 720 | 725 | 740 | rBV | 2065628 | 4875361 | 74.60% | 16.783% |
| 4 | 15.305 | 1112 | 1118 | 1135 | rBV | 2984721 | 6456467 | 98.79% | 22.226% |
| 5 | 20.575 | 1686 | 1692 | 1710 | rBV | 3027042 | 6535380 | 100.00% | 22.498% |
| 6 | 24.990 | 2167 | 2173 | 2188 | rBV2 | 2488326 | 5518558 | 84.44% | 18.997% |
| 7 | 30.067 | 2721 | 2726 | 2732 | rBV | 239419 | 462866 | 7.08% | 1.593% |
| 8 | 33.023 | 3040 | 3048 | 3065 | rBV2 | 1180907 | 2778501 | 42.51% | 9.565% |
| 9 | 36.153 | 3367 | 3389 | 3392 | rBV4 | 31829 | 179777 | 2.75% | 0.619% |
| 10 | 37.117 | 3487 | 3494 | 3511 | rBV2 | 664330 | 1840675 | 28.16% | 6.336% |

Sum of corrected areas: 29049287

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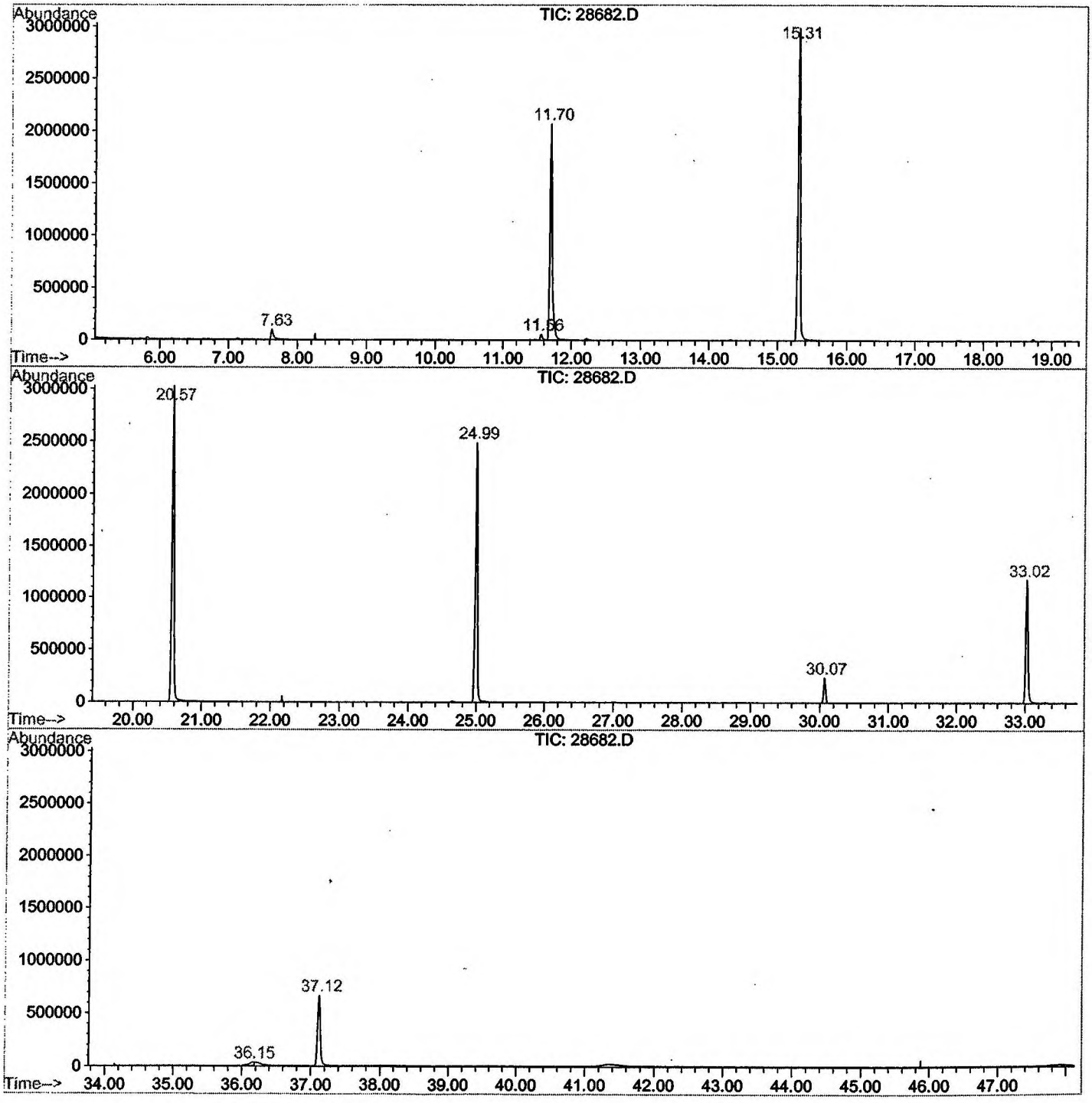
# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV2601\28682.D
Operator : 209 GALOS
Acquired : 28 Nov 2001 2:05 am using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: 11/24 scan
Misc Info :
Vial Number: 10
Quant File :GCMS1126.RES (RTE Integrator)




28682.D GCMS1126.M Mon Dec 10 12:11:58 2001

# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28682.D  Vial: 10
Acq On : 28 Nov 2001 2:05 am  Operator: 209 GALOS
Sample : 11/24 scan  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

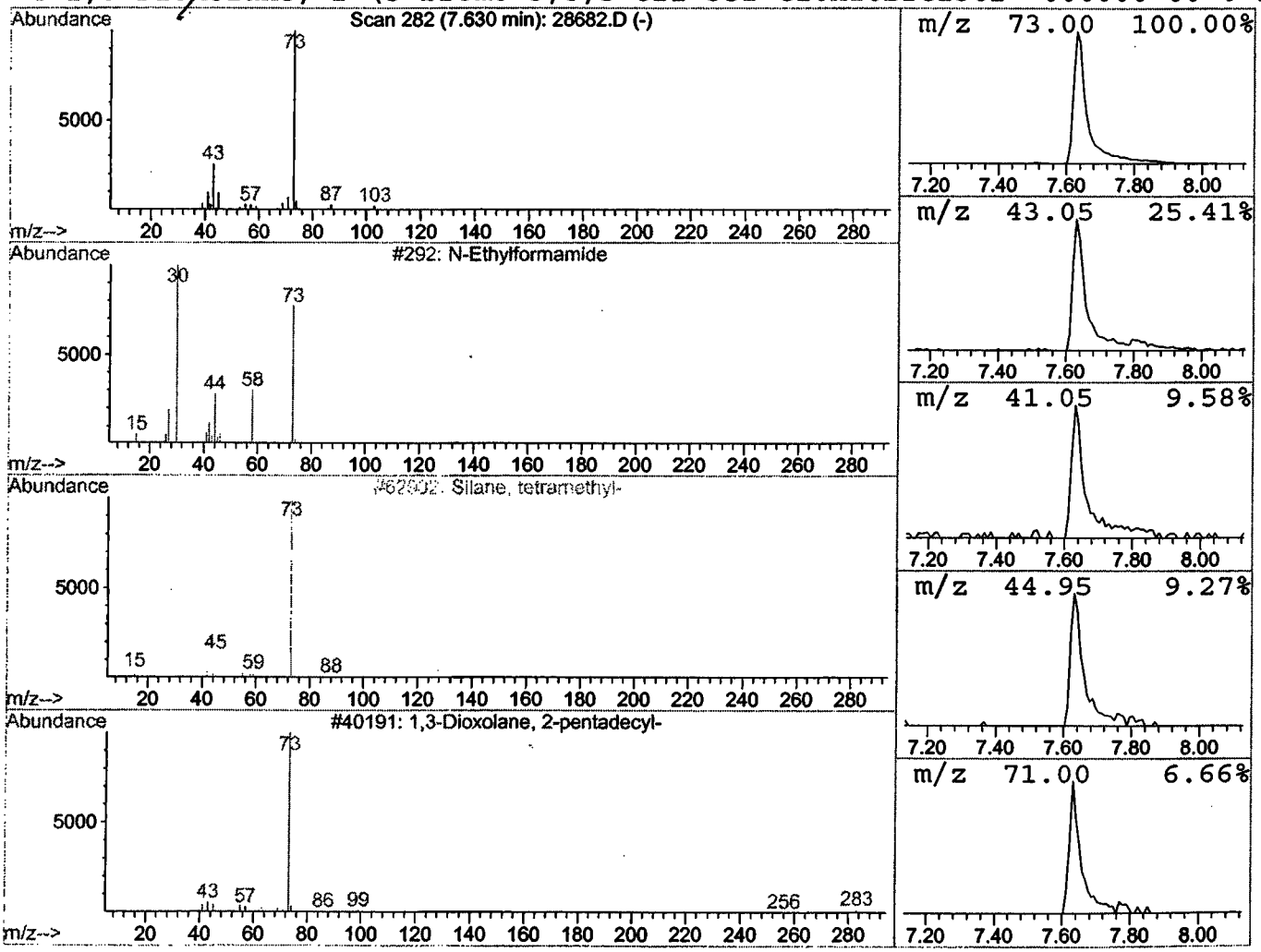
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 1 N-Ethylformamide  Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.63 | 1.14 ug/l | 278294 | 1,4-Dichlorobenzene-d4 | 11.70 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 9 |
| 2 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 9 |
| 3 | 1,3-Dioxolane, 2-pentadecyl- | 284 | C18H36O2 | 004360-57-0 | 9 |
| 4 | 1,3-Dioxolane, 2-(3-bromo-5,5,5-tri | 352 | C10H16BrCl3O2 | 000000-00-0 | 9 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28682.D
Acq On : 28 Nov 2001 2:05 am
Sample : 11/24 scan
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

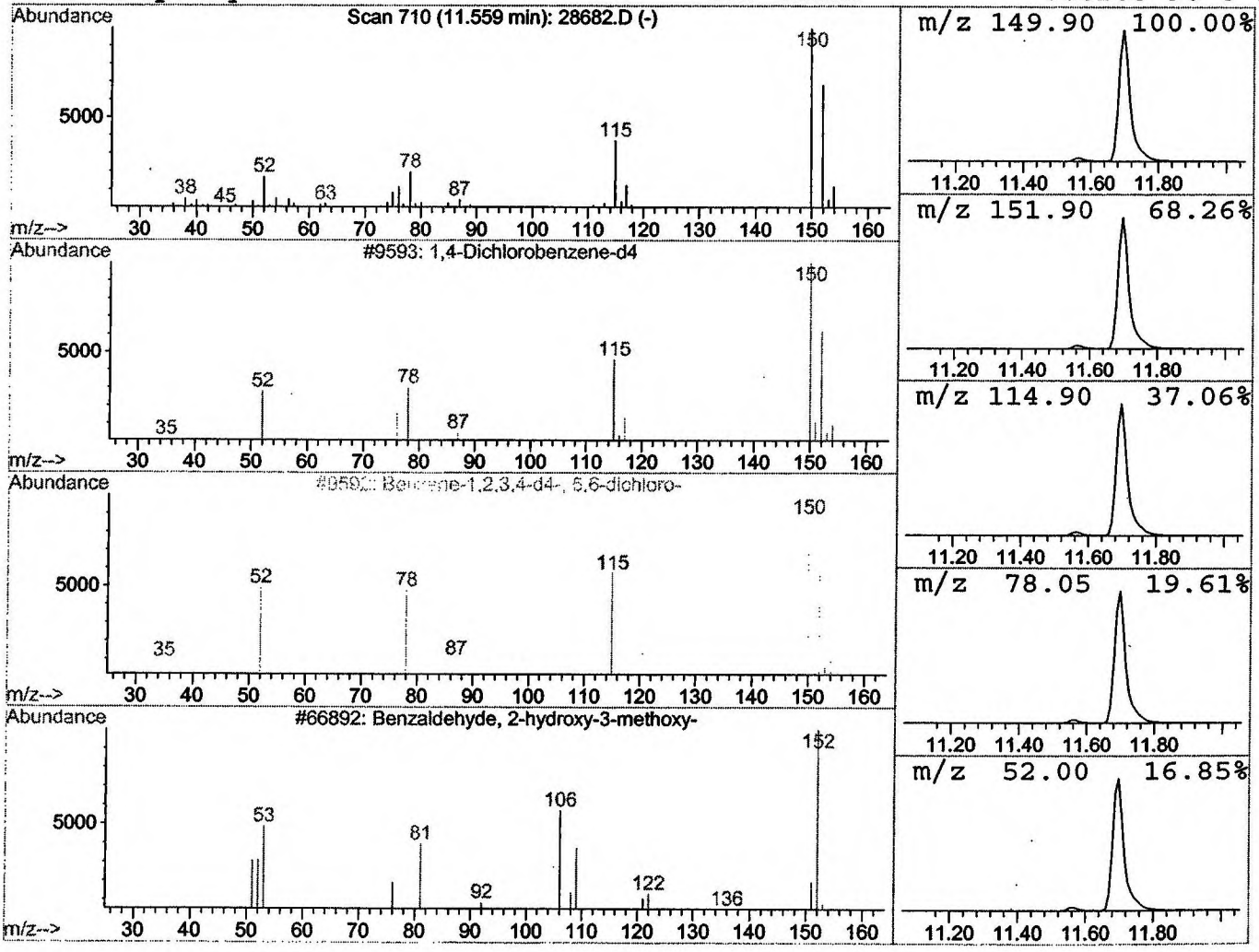
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 2 1,4-Dichlorobenzene-d4 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.56 | 0.51 ug/l | 123408 | 1,4-Dichlorobenzene-d4 | 11.70 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,4-Dichlorobenzene-d4 | 150 | C6Cl2D4 | 003855-82-1 | 53 |
| 2 | Benzene-1,2,3,4-d4-, 5,6-dichloro- | 150 | C6Cl2D4 | 002199-69-1 | 43 |
| 3 | Benzaldehyde, 2-hydroxy-3-methoxy- | 152 | C8H8O3 | 000148-53-8 | 10 |
| 4 | Acenaphthylene | 152 | C12H8 | 000208-96-8 | 10 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28682.D  Vial: 10
Acq On : 28 Nov 2001 2:05 am  Operator: 209 GALOS
Sample : 11/24 scan  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

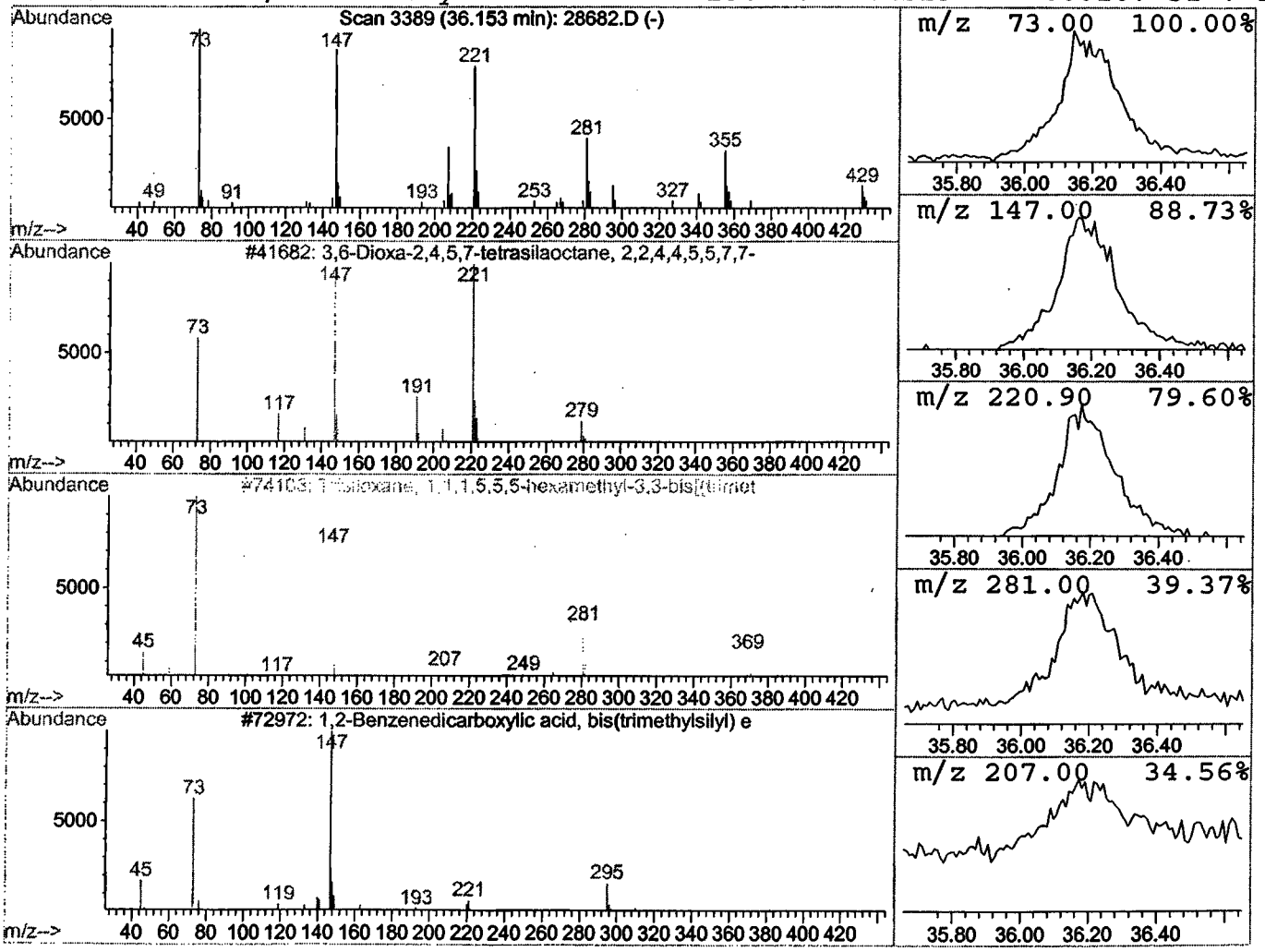
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 3 3,6-Dioxa-2,4,5,7-tetrasilaoct Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 36.15 | 1.95 ug/l | 179777 | Perylene-d12 | 37.12 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,6-Dioxa-2,4,5,7-tetrasilaoctane, | 294 | C10H30O2Si4 | 004342-25-0 | 33 |
| 2 | Trisiloxane, 1,1,1,5,5,5-hexamethyl | 384 | C12H36O4Si5 | 003555-47-3 | 27 |
| 3 | 1,2-Benzenedicarboxylic acid, bis(t | 310 | C14H22O4Si2 | 002078-22-0 | 14 |
| 4 | Trisiloxane, octamethyl- | 236 | C8H24O2Si3 | 000107-51-7 | 12 |



# Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 28 Nov 2001 2:05 am
Data File: C:\HPCHEM\1\DATA\NOV2601\28682.D
Name: 11/24 scan
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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 |
|---|---|---|---|---|---|---|---|---|
| N-Ethylformamide | 7.63 | 1.1 | ug/l | 278294 | ISTD01 | 11.70 | 4875360 | 20.0 |
| 1,4-Dichlorobenzene- | 11.56 | 0.5 | ug/l | 123408 | ISTD01 | 11.70 | 4875360 | 20.0 |
| 3,6-Dioxa-2,4,5,7-te | 36.15 | 2.0 | ug/l | 179777 | ISTD06 | 37.12 | 1840680 | 20.0 |

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