**Comments for Sample AD28688 - Analysis $GCMS**

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-07-2001 Time: 17:08:18

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds, except for Di-n-butylphthalate at an estimated level of 0.30 ug/L. The recovery for the Surrogate Standard in this sample was 107%. 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.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0401\28688.D Vial: 6
Acq On : 4 Dec 2001 5:15 pm Operator: 209 GALOS
Sample : gc/ms 11/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 18:04 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 | 786375 | 20.00 | ug/l | 0.01 |
| 15) Naphthalene-d8 | 15.31 | 136 | 2993713 | 20.00 | ug/l | 0.00 |
| 26) Acenaphthene-d10 | 20.59 | 164 | 1448321 | 20.00 | ug/l | 0.01 |
| 42) Phenanthrene-d10 | 25.01 | 188 | 2032108 | 20.00 | ug/l | 0.01 |
| 53) Chrysene-d12 | 33.04 | 240 | 1281499 | 20.00 | ug/l | 0.00 |
| 59) Perylene-d12 | 37.12 | 264 | 873375 | 20.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 52) 2,4-DDD | 30.07 | 235 | 129346 | 5.35 | ug/mL | 0.00 |
| Spiked Amount 5.000 | | | Recovery = 107.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Pyridine | 0.00 | 79 | 0 | N.D. | | |
| 3) N-nitroso-dimethyl amine | 5.24 | 74 | 200 | 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 | 349 | 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\28688.D Vial: 6
Acq On : 4 Dec 2001 5:15 pm Operator: 209 GALOS
Sample : gc/ms 11/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 18:04 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 | 21.20 | 65 | 360 | N.D. | |
| 37) | 2,4-Dinitrotoluene | 21.01 | 165 | 210 | N.D. | |
| 38) | Diethylphthalate | 22.10 | 149 | 1316 | 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 | 25.02 | 178 | 812 | N.D. | |
| 49) | Anthracene | 25.02 | 178 | 812 | N.D. | |
| 50) | Di-n-butylphthalate | 27.02 | 149 | 42963 | 0.30 ug/l | 99 |
| 51) | Fluoranthene | 0.00 | 202 | 0 | N.D. | |
| 54) | Pyrene | 0.00 | 202 | 0 | N.D. | |
| 55) | Butylbenzylphthalate | 31.56 | 149 | 499 | N.D. | |
| 56) | Benzo(a)anthracene | 33.03 | 228 | 3243 | N.D. | |
| 57) | Bis(2-ethylhexyl)phthalate | 33.31 | 149 | 12392 | N.D. | |
| 58) | Chrysene | 33.03 | 228 | 3243 | N.D. | |
| 60) | Di-n-Octylphthalate | 35.08 | 149 | 291 | N.D. | |
| 61) | Benzo(b)fluoranthene | 36.10 | 252 | 400 | N.D. | |
| 62) | Benzo(k)fluoranthene | 36.10 | 252 | 400 | N.D. | |
| 63) | Benzo(a)pyrene | 37.12 | 252 | 3474 | 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. | |

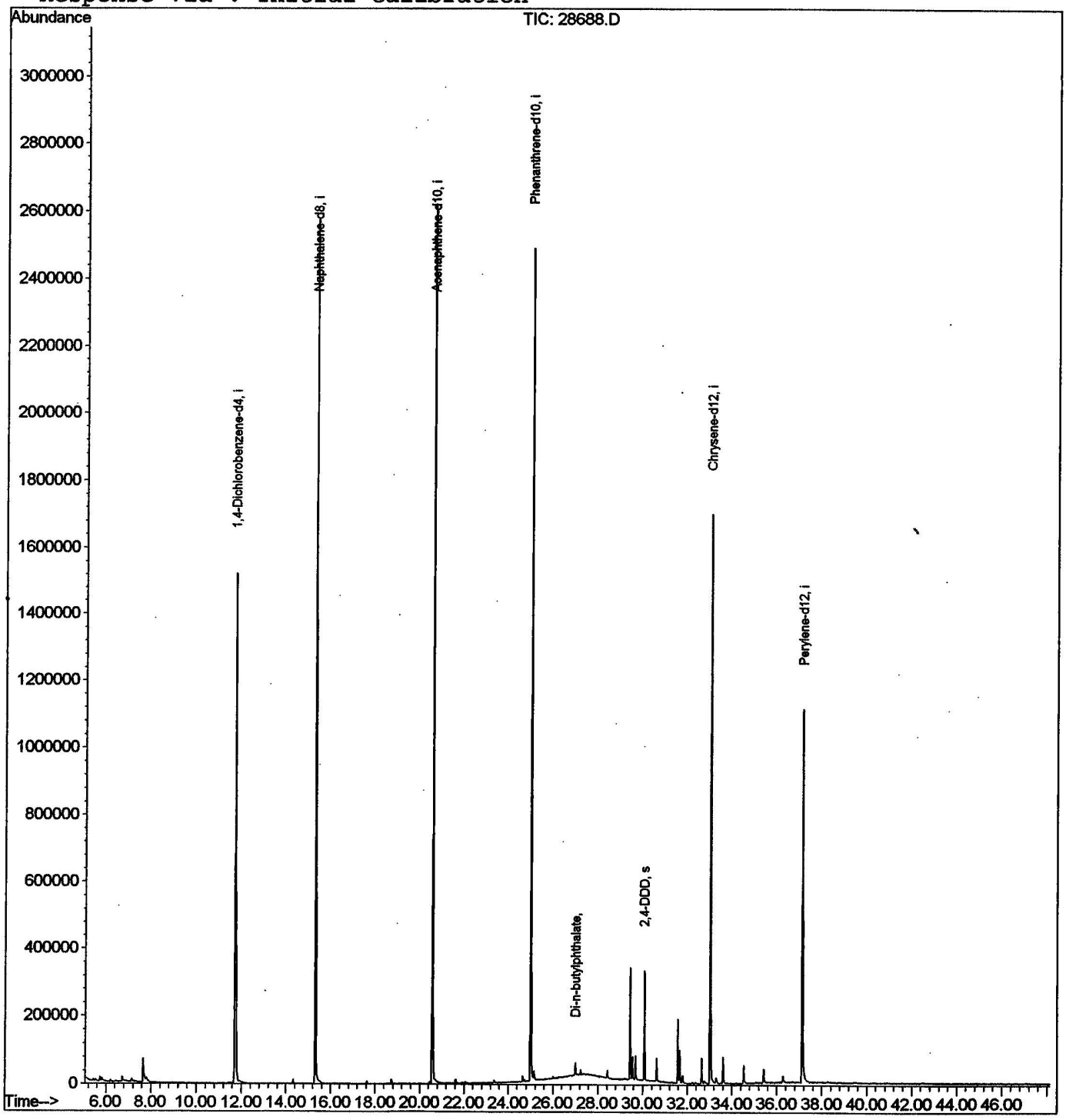
(#) = qualifier out of range (m) = manual integration

# Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28688.D
Acq On : 4 Dec 2001 5:15 pm
Sample : gc/ms 11/24
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 4 18:04 2001

Vial: 6
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\28688.D  Vial: 6
Acq On : 4 Dec 2001 5:15 pm  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

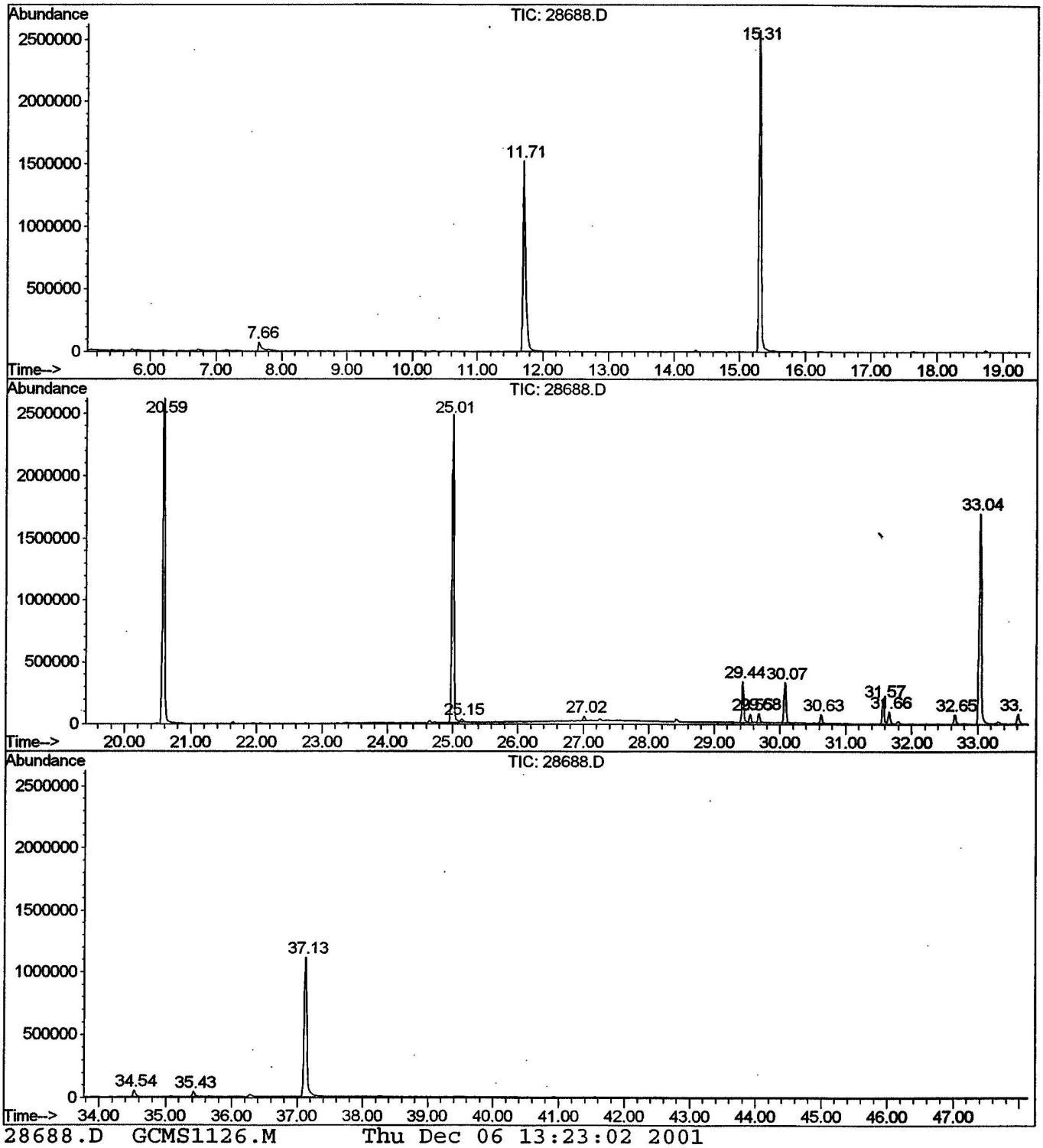
| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.655 | 281 | 284 | 297 | rBV | 71154 | 233949 | 3.99% | 0.737% |
| 2 | 11.713 | 721 | 726 | 743 | rBV | 1520477 | 4241702 | 72.36% | 13.371% |
| 3 | 15.312 | 1113 | 1118 | 1137 | rBV | 2573246 | 5594551 | 95.44% | 17.636% |
| 4 | 20.590 | 1686 | 1693 | 1713 | rBV | 2620169 | 5862155 | 100.00% | 18.479% |
| 5 | 25.006 | 2168 | 2174 | 2185 | rBV2 | 2477876 | 5369654 | 91.60% | 16.927% |
| 6 | 25.153 | 2186 | 2190 | 2196 | rVB | 24176 | 62911 | 1.07% | 0.198% |
| 7 | 27.017 | 2389 | 2393 | 2398 | rVB | 36143 | 68326 | 1.17% | 0.215% |
| 8 | 29.440 | 2651 | 2657 | 2663 | rBV | 327846 | 681855 | 11.63% | 2.149% |
| 9 | 29.550 | 2665 | 2669 | 2675 | rVV2 | 67573 | 138894 | 2.37% | 0.438% |
| 10 | 29.679 | 2679 | 2683 | 2695 | rVB | 71760 | 161700 | 2.76% | 0.510% |
| 11 | 30.074 | 2721 | 2726 | 2737 | rVB | 321821 | 702006 | 11.98% | 2.213% |
| 12 | 30.634 | 2782 | 2787 | 2792 | rBV | 67349 | 136093 | 2.32% | 0.429% |
| 13 | 31.570 | 2884 | 2889 | 2895 | rBV | 185716 | 402449 | 6.87% | 1.269% |
| 14 | 31.662 | 2895 | 2899 | 2906 | rVV | 97212 | 214668 | 3.66% | 0.677% |
| 15 | 32.653 | 3002 | 3007 | 3016 | rBV | 74553 | 168631 | 2.88% | 0.532% |
| 16 | 33.039 | 3041 | 3049 | 3064 | rBV | 1696149 | 3996866 | 68.18% | 12.599% |
| 17 | 33.617 | 3106 | 3112 | 3120 | rBV | 79096 | 187748 | 3.20% | 0.592% |
| 18 | 34.535 | 3207 | 3212 | 3221 | rBV | 52477 | 125233 | 2.14% | 0.395% |
| 19 | 35.426 | 3304 | 3309 | 3321 | rVB2 | 39296 | 102641 | 1.75% | 0.324% |
| 20 | 37.133 | 3487 | 3495 | 3510 | rBV2 | 1107079 | 3270851 | 55.80% | 10.311% |

Sum of corrected areas: 31722883

28688.D GCMS1126.M Thu Dec 06 13:22:59 2001

# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0401\28688.D
Operator : 209 GALOS
Acquired : 4 Dec 2001 5:15 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms 11/24
Misc Info :
Vial Number: 6
Quant File :GCMS1126.RES (RTE Integrator)




28688.D GCMS1126.M Thu Dec 06 13:23:02 2001

# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28688.D
Acq On : 4 Dec 2001 5:15 pm
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

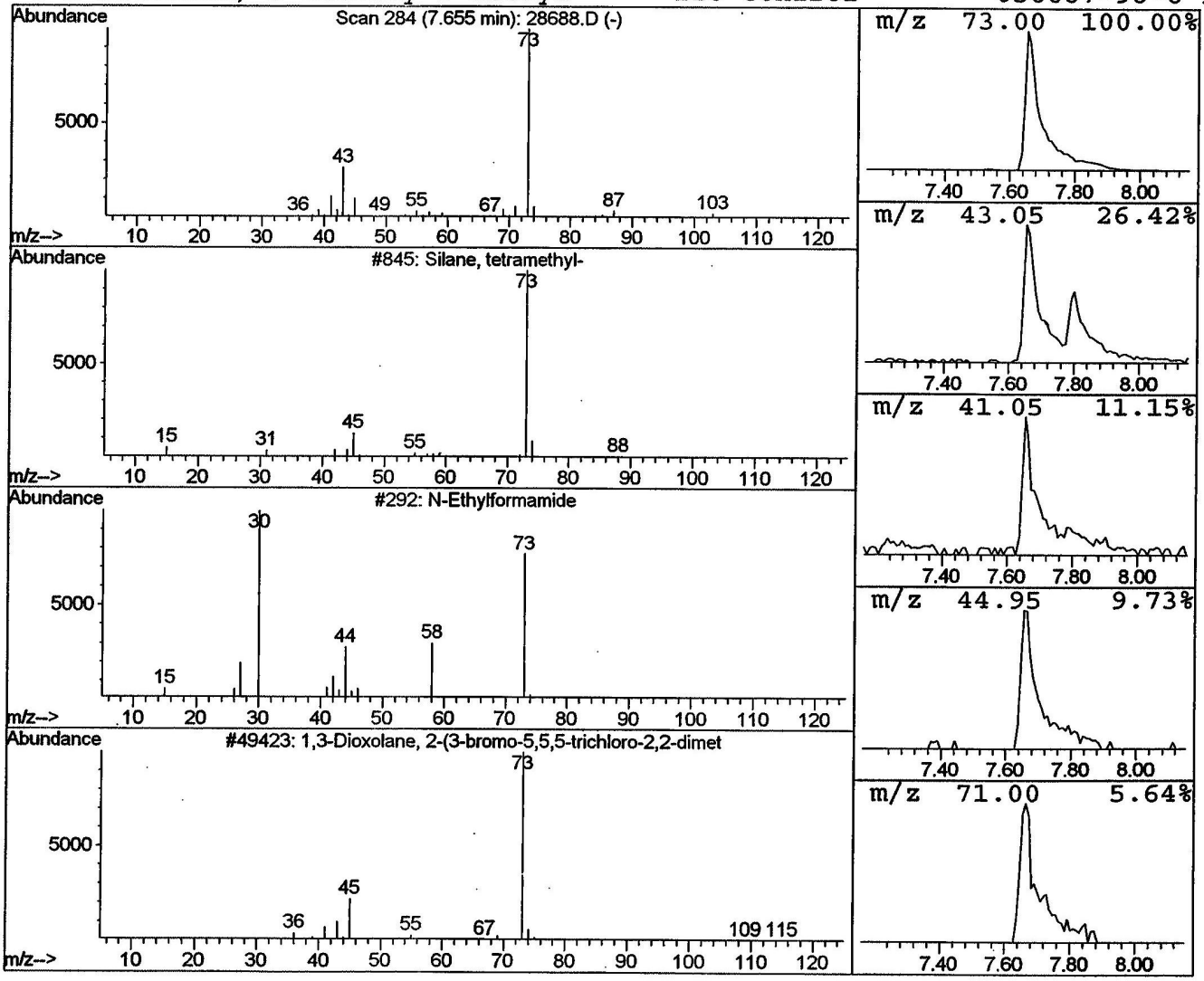
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 1 Silane, tetramethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.66 | 1.10 ug/l | 233949 | 1,4-Dichlorobenzene-d4 | 11.71 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 43 |
| 2 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 9 |
| 3 | 1,3-Dioxolane, 2-(3-bromo-5,5,5-tri | 352 | C10H16BrCl3O2 | 000000-00-0 | 9 |
| 4 | 2-Butanone, 3-methoxy-3-methyl- | 116 | C6H12O2 | 036687-98-6 | 9 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28688.D
Acq On : 4 Dec 2001 5:15 pm
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

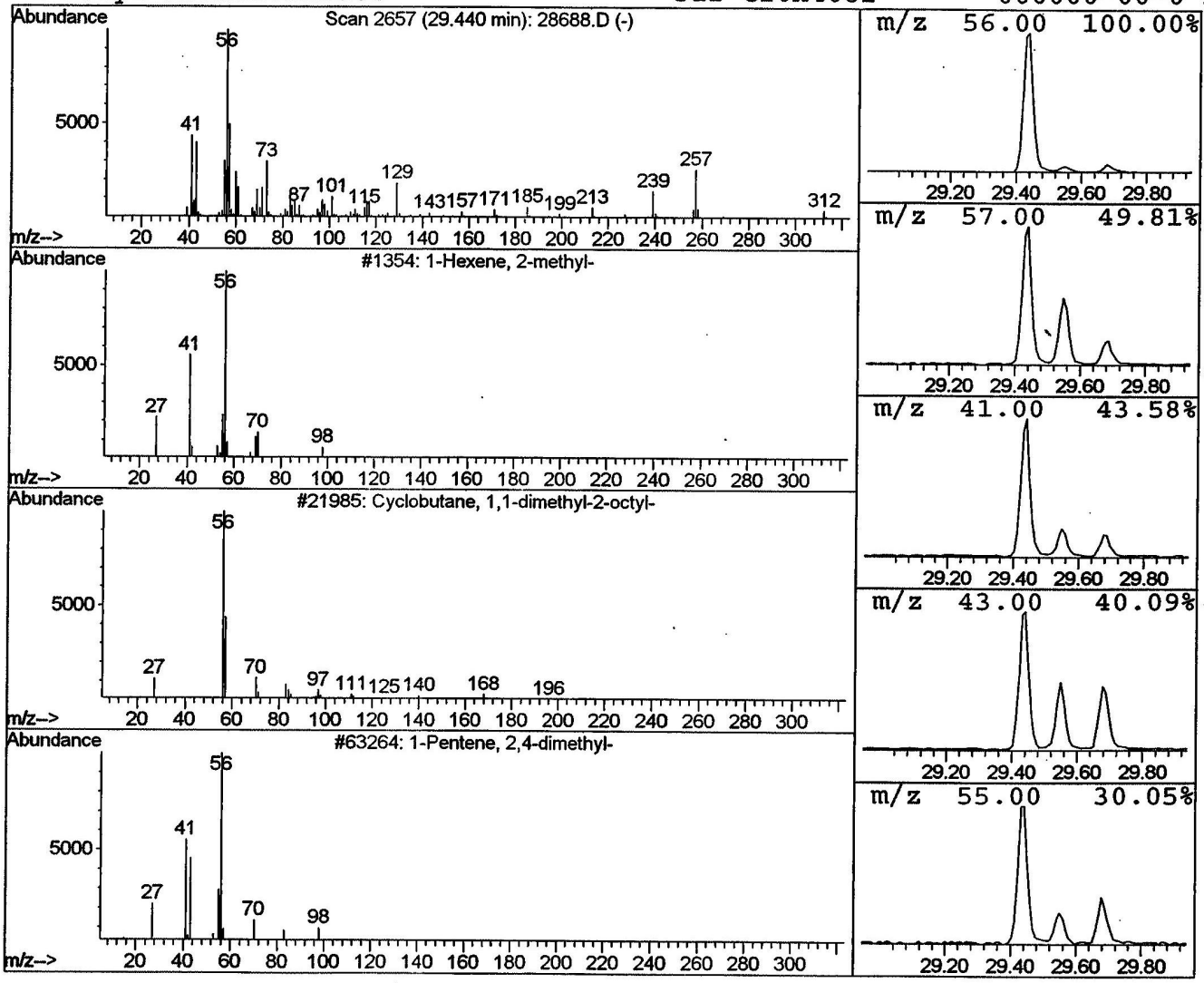
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 2 1-Hexene, 2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 29.44 | 3.41 ug/l | 681855 | Chrysene-d12 | 33.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Hexene, 2-methyl- | 98 | C7H14 | 006094-02-6 | 27 |
| 2 | Cyclobutane, 1,1-dimethyl-2-octyl- | 196 | C14H28 | 062338-30-1 | 27 |
| 3 | 1-Pentene, 2,4-dimethyl- | 98 | C7H14 | 002213-32-3 | 27 |
| 4 | Butyl hexadecanoate | 312 | C20H40O2 | 000000-00-0 | 25 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28688.D
Acq On : 4 Dec 2001 5:15 pm
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

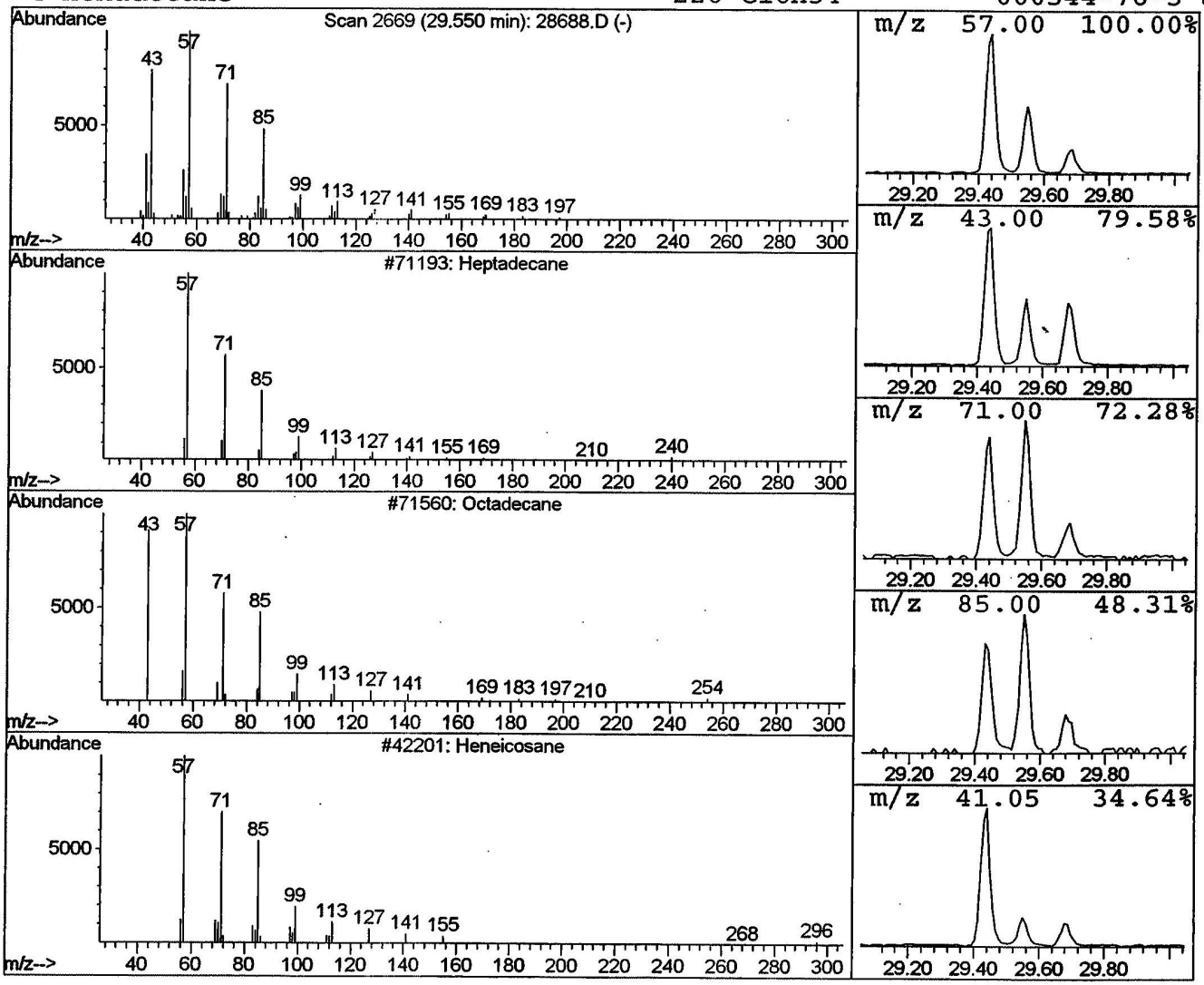
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 3 Heptadecane — Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 29.55 | 0.70 ug/l | 138894 | Chrysene-d12 | 33.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 91 |
| 2 | Octadecane | 254 | C18H38 | 000593-45-3 | 91 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 87 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28688.D
Acq On : 4 Dec 2001 5:15 pm
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

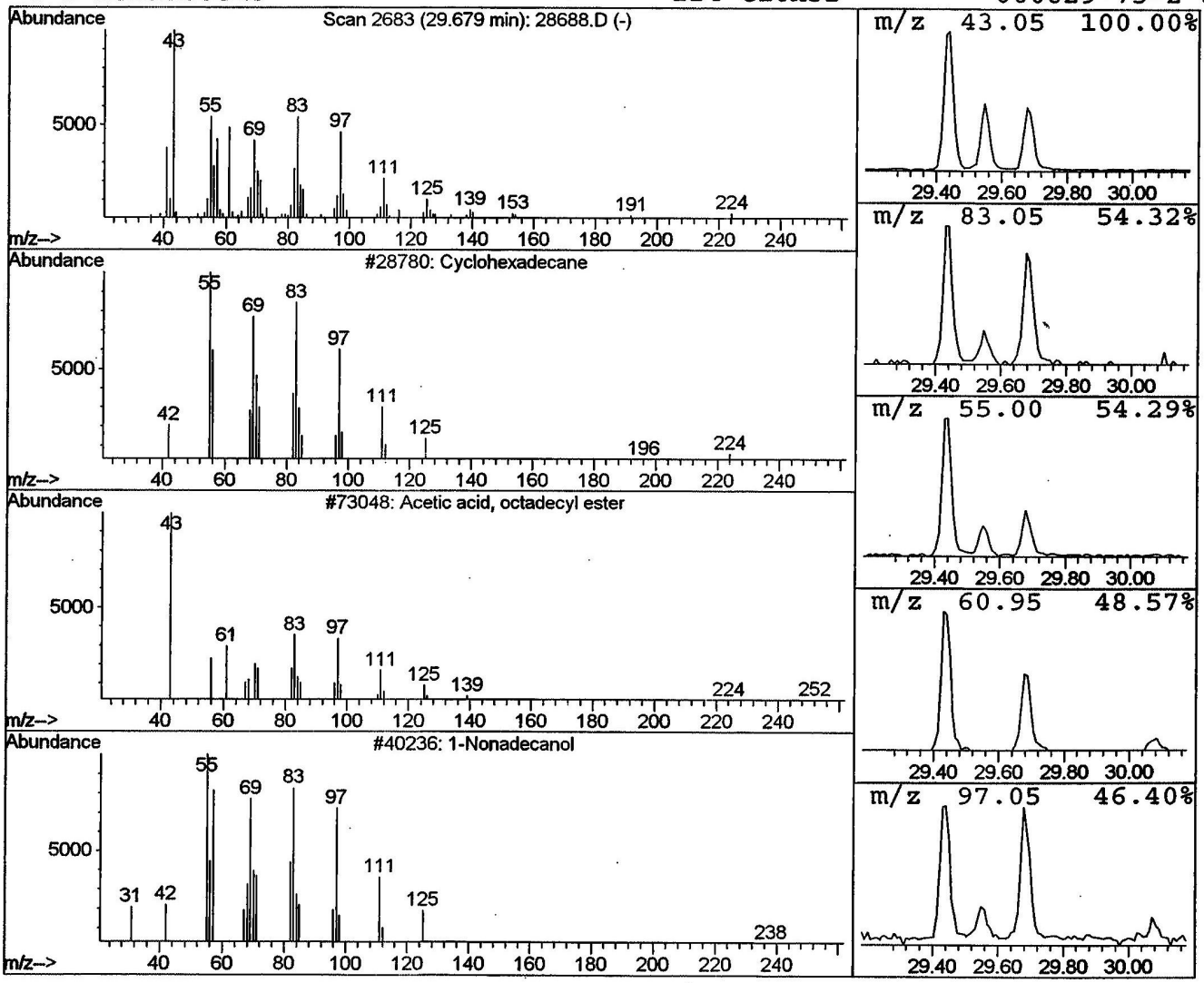
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 4 Cyclohexadecane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 29.68 | 0.81 ug/l | 161700 | Chrysene-d12 | 33.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 95 |
| 2 | Acetic acid, octadecyl ester | 312 | C20H40O2 | 000822-23-1 | 81 |
| 3 | 1-Nonadecanol | 284 | C19H40O | 001454-84-8 | 81 |
| 4 | 1-Hexadecene | 224 | C16H32 | 000629-73-2 | 80 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28688.D
Acq On : 4 Dec 2001 5:15 pm
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

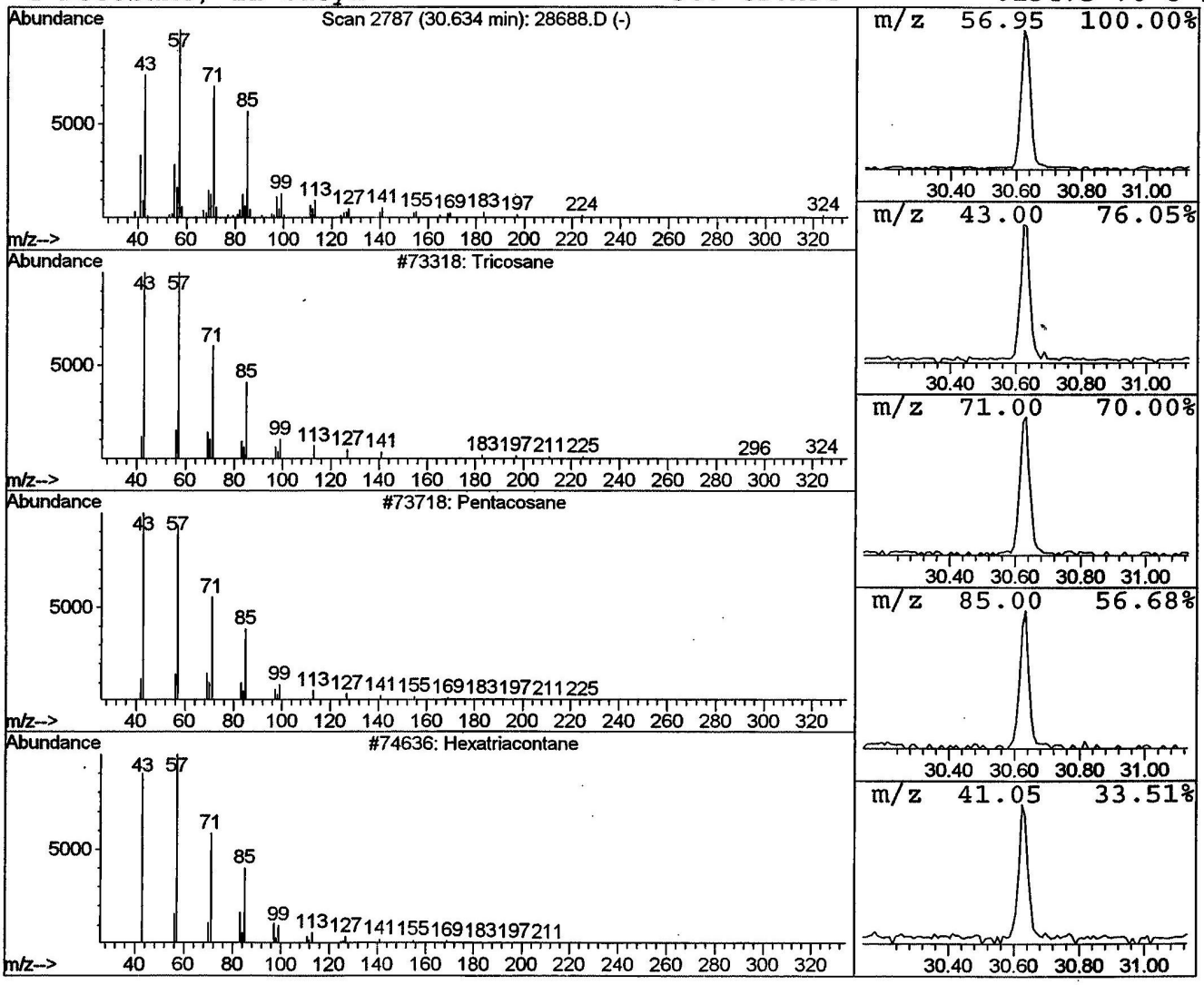
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 5 Tricosane Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 30.63 | 0.68 ug/l | 136093 | Chrysene-d12 | 33.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tricosane | 324 | C23H48 | 000638-67-5 | 96 |
| 2 | Pentacosane | 352 | C25H52 | 000629-99-2 | 91 |
| 3 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 91 |
| 4 | Docosane, 11-butyl- | 366 | C26H54 | 013475-76-8 | 91 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28688.D
Acq On : 4 Dec 2001 5:15 pm
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

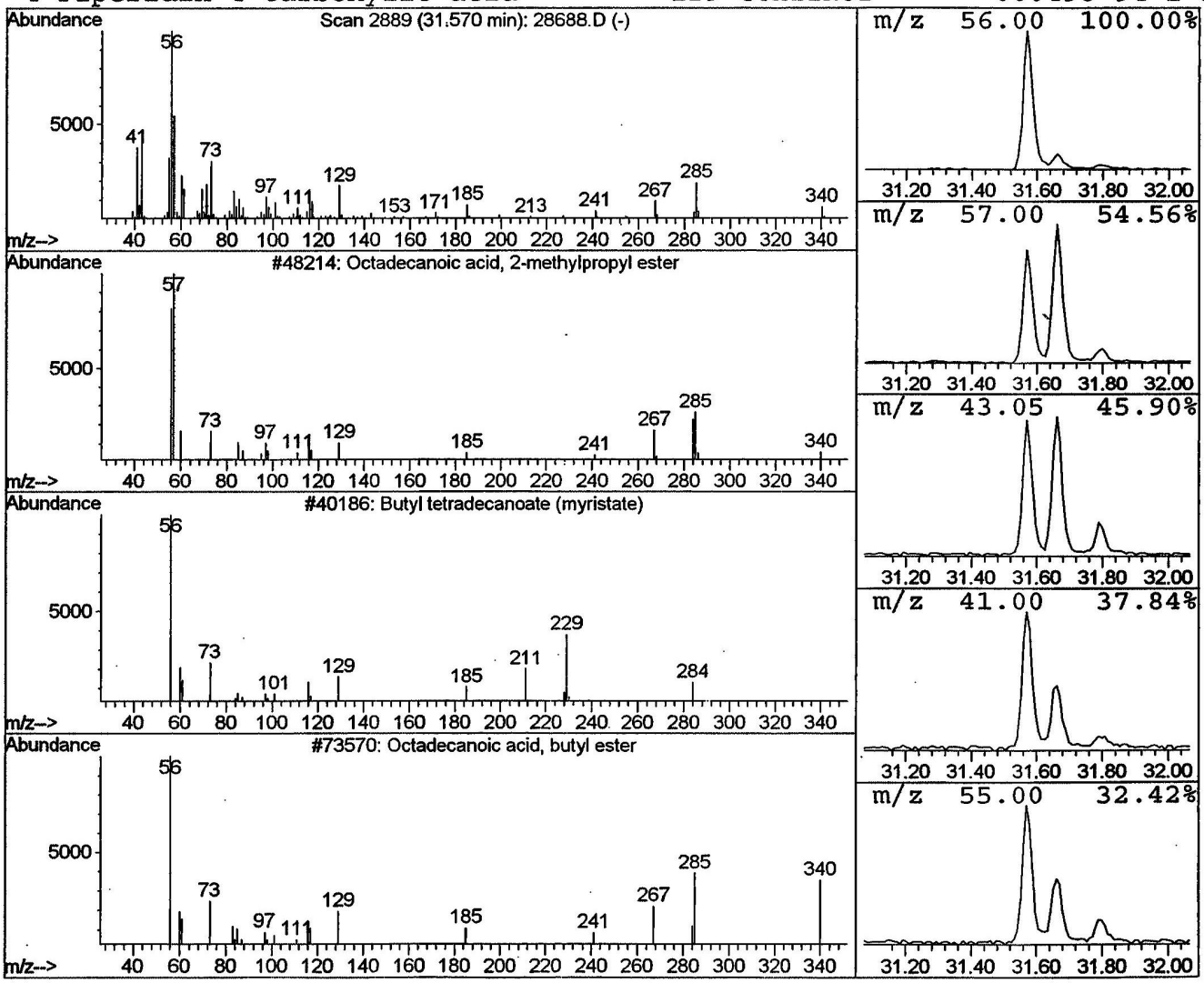
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 6 Octadecanoic acid, 2-methylpro Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 31.57 | 2.01 ug/l | 402449 | Chrysene-d12 | 33.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid, 2-methylpropyl e | 340 | C22H44O2 | 000646-13-9 | 90 |
| 2 | Butyl tetradecanoate (myristate) | 284 | C18H36O2 | 000000-00-0 | 64 |
| 3 | Octadecanoic acid, butyl ester | 340 | C22H44O2 | 000123-95-5 | 59 |
| 4 | Piperidin-4-carboxylic acid | 129 | C6H11NO2 | 000498-94-2 | 32 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28688.D
Acq On : 4 Dec 2001 5:15 pm
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

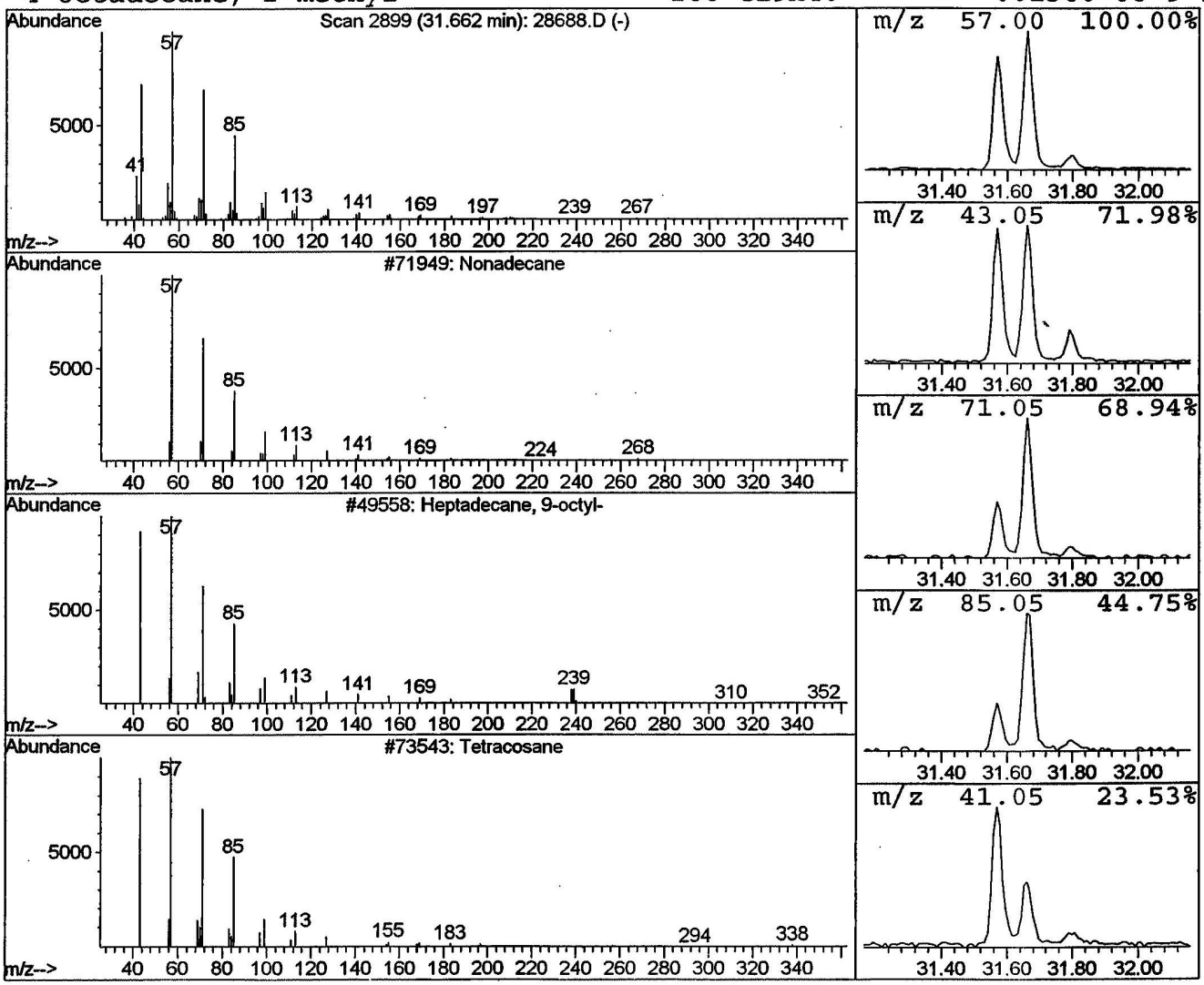
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 7 Nonadecane — Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 31.66 | 1.07 ug/l | 214668 | Chrysene-d12 | 33.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 91 |
| 2 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 91 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 90 |
| 4 | Octadecane, 2-methyl- | 268 | C19H40 | 001560-88-9 | 90 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28688.D
Acq On : 4 Dec 2001 5:15 pm
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

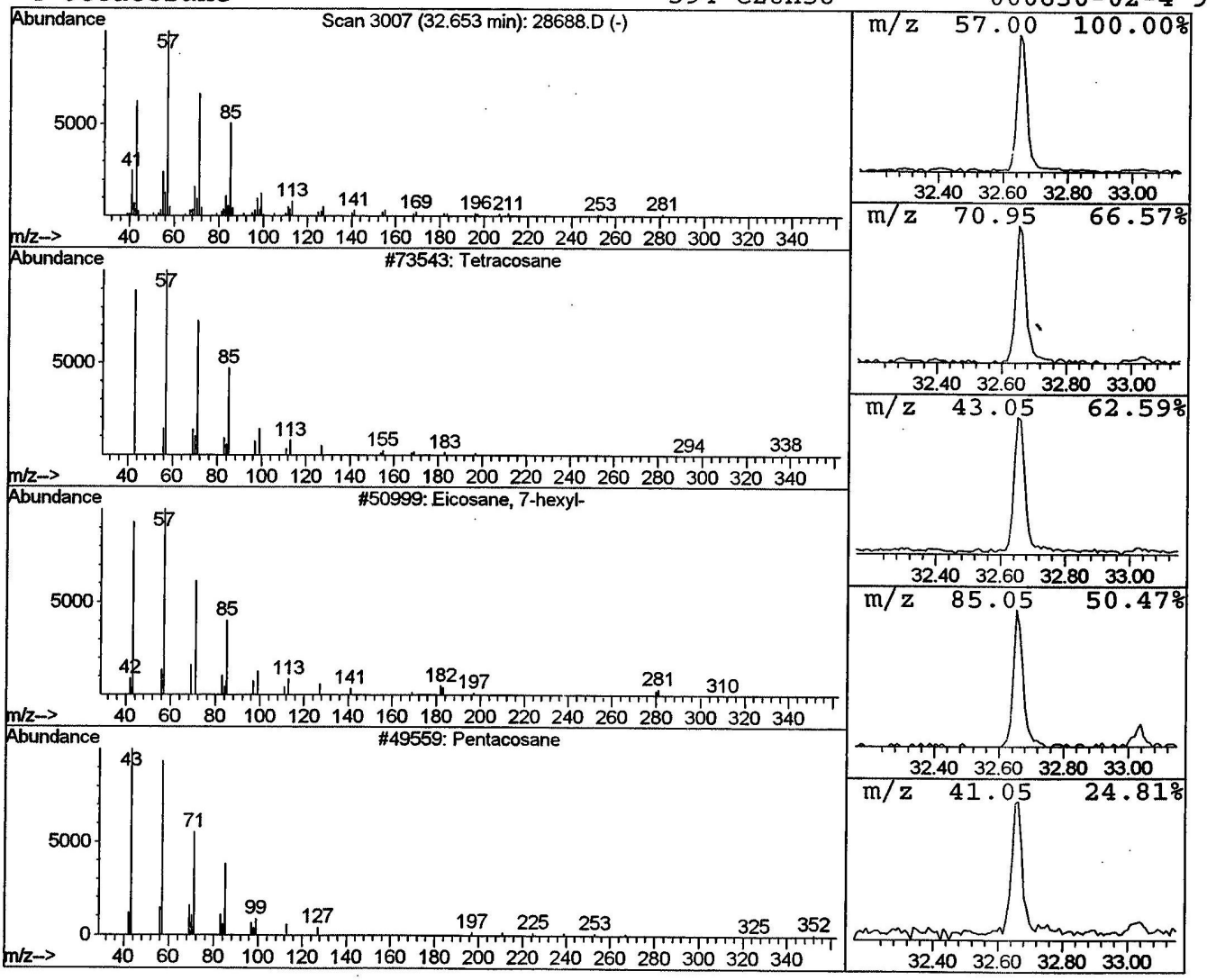
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 8 Tetracosane — Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 32.65 | 0.84 ug/l | 168631 | Chrysene-d12 | 33.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 91 |
| 2 | Eicosane, 7-hexyl- | 366 | C26H54 | 055333-99-8 | 91 |
| 3 | Pentacosane | 352 | C25H52 | 000629-99-2 | 91 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 90 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28688.D
Acq On : 4 Dec 2001 5:15 pm
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

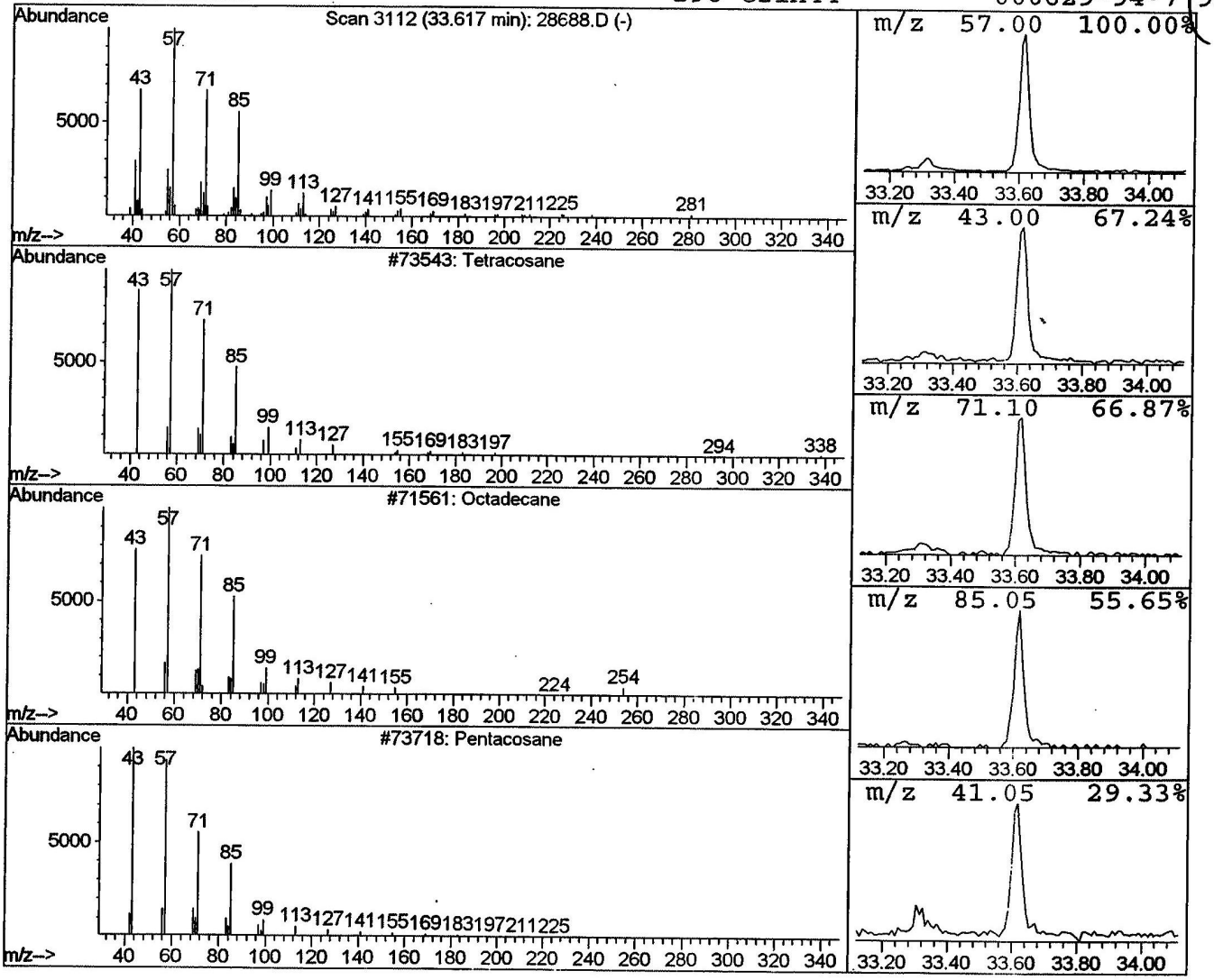
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 9 Tetracosane — Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 33.62 | 0.94 ug/l | 187748 | Chrysene-d12 | 33.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 91 |
| 2 | Octadecane | 254 | C18H38 | 000593-45-3 | 91 |
| 3 | Pentacosane | 352 | C25H52 | 000629-99-2 | 91 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28688.D
Acq On : 4 Dec 2001 5:15 pm
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

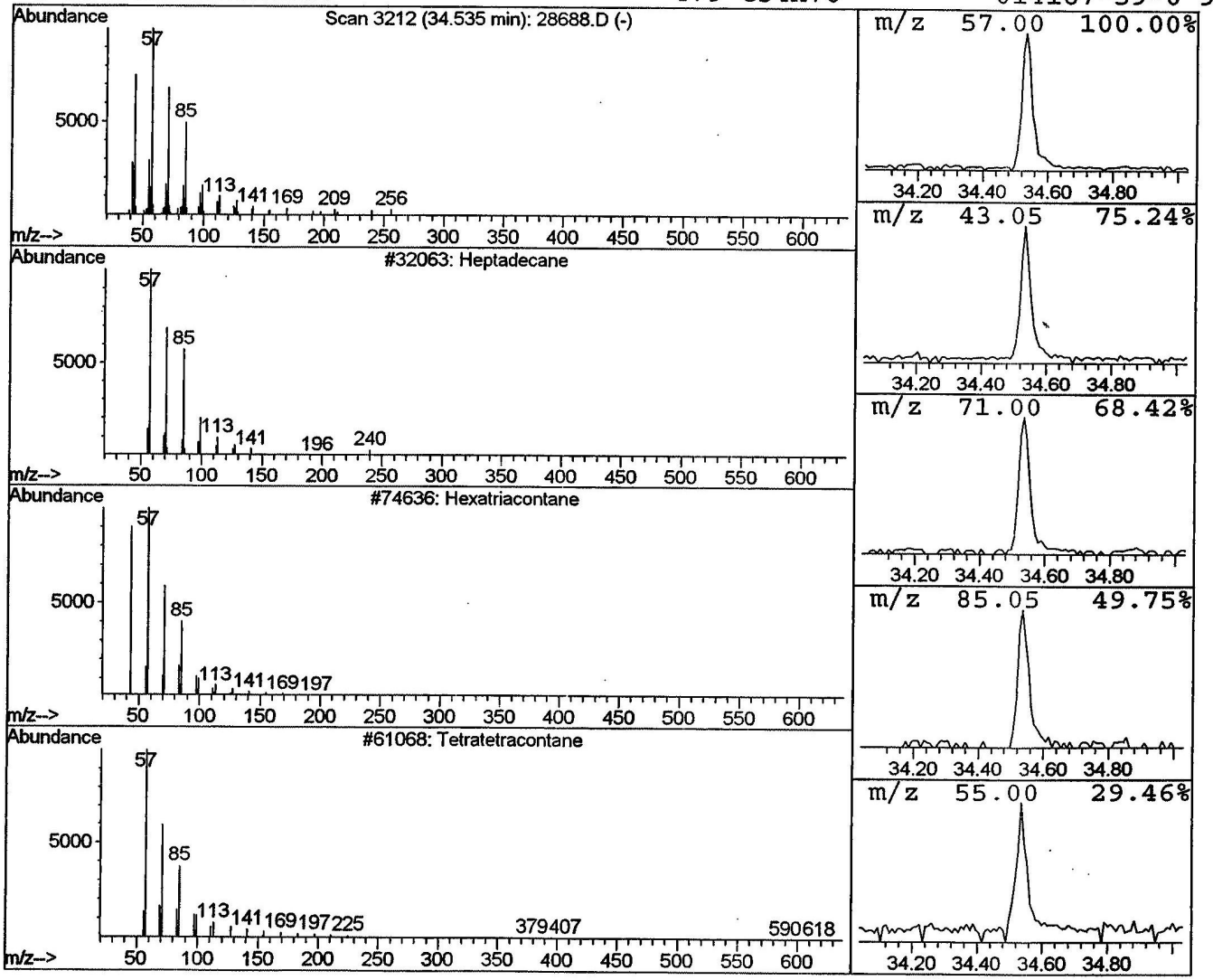
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 10 Heptadecane — Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 34.54 | 0.63 ug/l | 125233 | Chrysene-d12 | 33.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 98 |
| 2 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 91 |
| 3 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 91 |
| 4 | Tetratriacontane | 479 | C34H70 | 014167-59-0 | 91 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28688.D
Acq On : 4 Dec 2001 5:15 pm
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

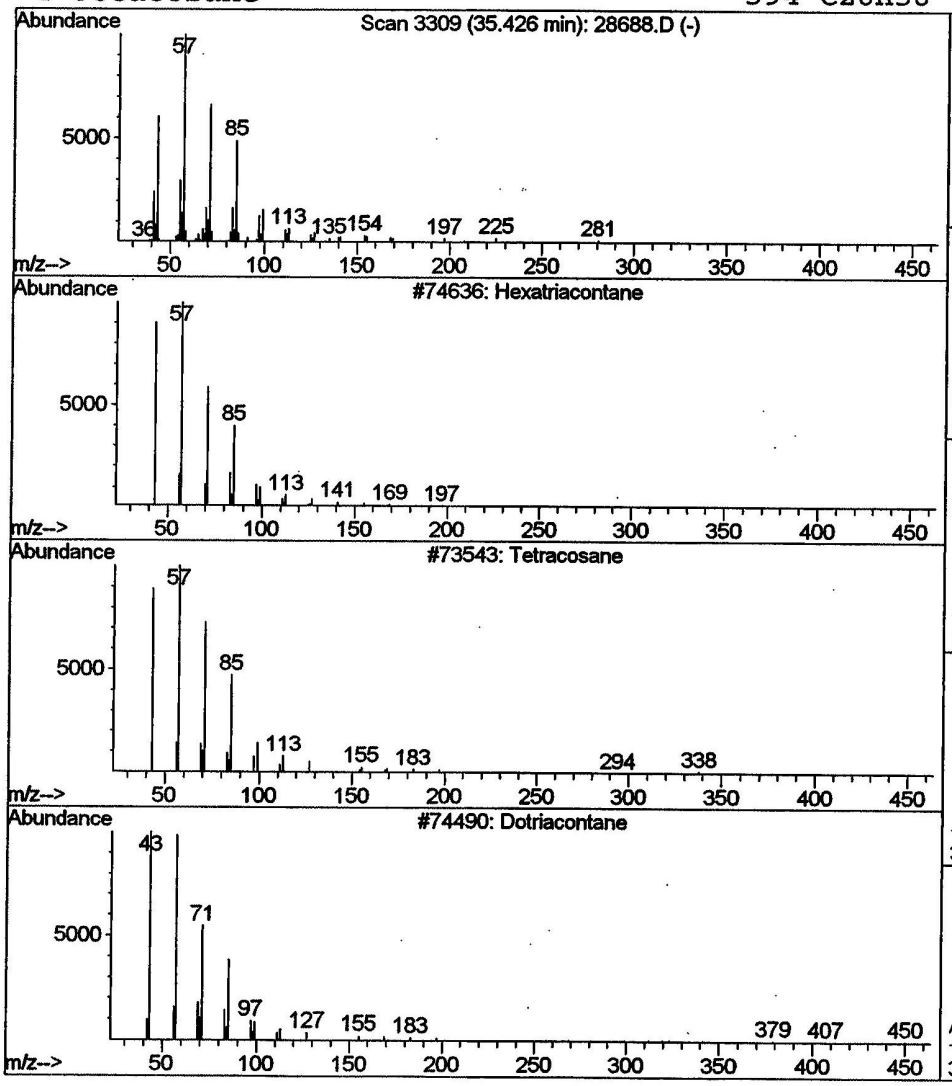
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

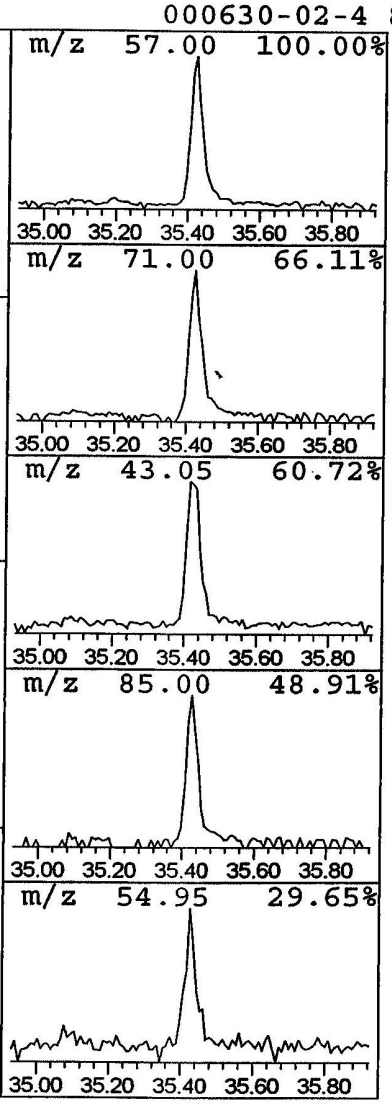
**********

Peak Number 11 Hexatriacontane Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 35.43 | 0.63 ug/l | 102641 | Perylene-d12 | 37.12 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 90 |
| 2 | Tetracosane | 338 | C24H50 | 000646-31-1 | 87 |
| 3 | Dotriacontane | 451 | C32H66 | 000544-85-4 | 87 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |



# Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 4 Dec 2001 5:15 pm
Data File: C:\HPCHEM\1\DATA\DEC0401\28688.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 | 1.1 | ug/l | 233949 | ISTD01 | 11.71 | 4241700 | 20.0 |
| 1-Hexene, 2-methyl- | 29.44 | 3.4 | ug/l | 681855 | ISTD05 | 33.04 | 3996870 | 20.0 |
| Heptadecane | 29.55 | 0.7 | ug/l | 138894 | ISTD05 | 33.04 | 3996870 | 20.0 |
| Cyclohexadecane | 29.68 | 0.8 | ug/l | 161700 | ISTD05 | 33.04 | 3996870 | 20.0 |
| Tricosane | 30.63 | 0.7 | ug/l | 136093 | ISTD05 | 33.04 | 3996870 | 20.0 |
| Octadecanoic acid, 2 | 31.57 | 2.0 | ug/l | 402449 | ISTD05 | 33.04 | 3996870 | 20.0 |
| Nonadecane | 31.66 | 1.1 | ug/l | 214668 | ISTD05 | 33.04 | 3996870 | 20.0 |
| Tetracosane | 32.65 | 0.8 | ug/l | 168631 | ISTD05 | 33.04 | 3996870 | 20.0 |
| Tetracosane | 33.62 | 0.9 | ug/l | 187748 | ISTD05 | 33.04 | 3996870 | 20.0 |
| Heptadecane | 34.54 | 0.6 | ug/l | 125233 | ISTD05 | 33.04 | 3996870 | 20.0 |
| Hexatriacontane | 35.43 | 0.6 | ug/l | 102641 | ISTD06 | 37.12 | 3270850 | 20.0 |

28688.D GCMS1126.M Thu Dec 06 13:23:28 2001