

User: Vinci, David L  
Westchester Dept. of Labs & Research  
Date: 01/10/2002 Time: 08:42:06

Sample: AD30426

Analysis: \$GCMS GCMS Scan For Unknowns

Units: ug

Started: 1/10/02 08:37 Ended: 1/10/02 08:37 Analyst: DLV

Result source: manual entry

Page: 1

|   | Component Name          | Viol | Result | Qualifier | MDL |
|---|-------------------------|------|--------|-----------|-----|
| 1 | Other unknown compounds |      | .      |           |     |
| 2 | Surr_2,4-DDD            |      | 89     |           | 5.0 |

**Comments for Sample AD30426 - Analysis \$GCMS**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 01-10-2002 Time: 08:42:09

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

## Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2701\30426.D  
 Acq On : 28 Dec 2001 11:28 am  
 Sample : GC/MS SCAN 12/13  
 Misc :  
 MS Integration Params: GOOFY.P  
 Quant Time: Dec 31 12:19 2001

Vial: 23  
 Operator: 209 GALOS  
 Inst : GC/MS 209  
 Multiplr: 1.00

Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)  
 Title : 209 625/TCLP calibration table  
 Last Update : Fri Dec 14 12:19:30 2001  
 Response via : Initial Calibration  
 DataAcq Meth : GCMS1126

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 11.68 | 152  | 1079887  | 20.00 | ug/l  | -0.02    |
| 10) Naphthalene-d8        | 15.28 | 136  | 4159467  | 20.00 | ug/l  | -0.03    |
| 17) Acenaphthene-d10      | 20.56 | 164  | 2115045  | 20.00 | ug/l  | -0.02    |
| 29) Phenanthrene-d10      | 24.98 | 188  | 3168694m | 20.00 | ug/l  | -0.01    |
| 38) Chrysene-d12          | 33.02 | 240  | 1964485  | 20.00 | ug/l  | -0.01    |
| 44) Perylene-d12          | 37.12 | 264  | 1146695  | 20.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|               |       |     |          |      |        |      |
|---------------|-------|-----|----------|------|--------|------|
| 37) 2,4-DDD   | 30.07 | 235 | 204607   | 4.46 | ug/mL  | 0.00 |
| Spiked Amount | 5.000 |     | Recovery | =    | 89.20% |      |

## Target Compounds

|                                | R.T.  | QIon | Response | Conc | Units | Qvalue |
|--------------------------------|-------|------|----------|------|-------|--------|
| 2) N-nitroso-dimethyl amine    | 5.11  | 74   | 4450     | N.D. |       |        |
| 3) bis(2-Chloroethyl)ether     | 0.00  | 93   | 0        | N.D. |       |        |
| 4) 1,3-Dichlorobenzene         | 0.00  | 146  | 0        | N.D. |       |        |
| 5) 1,4-Dichlorobenzene         | 0.00  | 146  | 0        | N.D. |       |        |
| 6) 1,2-Dichlorobenzene         | 0.00  | 146  | 0        | N.D. |       |        |
| 7) 2,2'-oxybis(1-Chloropropan  | 0.00  | 45   | 0        | N.D. |       |        |
| 8) N-Nitroso-di-n-propylamine  | 0.00  | 70   | 0        | N.D. |       |        |
| 9) Hexachloroethane            | 0.00  | 117  | 0        | N.D. |       |        |
| 11) Nitrobenzene               | 13.26 | 77   | 198      | N.D. |       |        |
| 12) Isophorone                 | 13.50 | 82   | 333      | N.D. |       |        |
| 13) bis(2-Chloroethoxy)methane | 0.00  | 93   | 0        | N.D. |       |        |
| 14) 1,2,4-Trichlorobenzene     | 0.00  | 180  | 0        | N.D. |       |        |
| 15) Naphthalene                | 15.33 | 128  | 1357     | N.D. |       |        |
| 16) Hexachlorobutadiene        | 0.00  | 225  | 0        | N.D. |       |        |
| 18) Hexachlorocyclopentadiene  | 0.00  | 237  | 0        | N.D. |       |        |
| 19) 2-Chloronaphthalene        | 0.00  | 162  | 0        | N.D. |       |        |
| 20) Dimethylphthalate          | 20.27 | 163  | 989      | N.D. |       |        |
| 21) 2,6-Dinitrotoluene         | 20.27 | 165  | 525      | N.D. |       |        |
| 22) Acenaphthylene             | 0.00  | 152  | 0        | N.D. |       |        |
| 23) Acenaphthene               | 20.57 | 153  | 142      | N.D. |       |        |
| 24) 2,4-Dinitrotoluene         | 21.33 | 165  | 277      | N.D. |       |        |
| 25) Diethylphthalate           | 22.13 | 149  | 2534     | N.D. |       |        |
| 26) 4-Chlorophenyl-phenylether | 0.00  | 204  | 0        | N.D. |       |        |
| 27) Fluorene                   | 0.00  | 166  | 0        | N.D. |       |        |
| 28) Azobenzen/ 1,2-Diphenylhyd | 0.00  | 77   | 0        | N.D. |       |        |

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

30426.D GCMS1126.M Mon Dec 31 12:19:44 2001

Page 1

## Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2701\30426.D

Vial: 23

Acq On : 28 Dec 2001 11:28 am

Operator: 209 GALOS

Sample : GC/MS SCAN 12/13

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Dec 31 12:19 2001

Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Fri Dec 14 12:19:30 2001

Response via : Initial Calibration

DataAcq Meth : GCMS1126

| Compound                       | R.T.  | QIon | Response | Conc | Unit | Qvalue |
|--------------------------------|-------|------|----------|------|------|--------|
| 30) N-Nitrosodiphenylamine     | 0.00  | 168  | 0        | N.D. |      |        |
| 31) 4-Bromophenyl-phenylether  | 0.00  | 248  | 0        | N.D. |      |        |
| 32) Hexachlorobenzene          | 0.00  | 284  | 0        | N.D. |      |        |
| 33) Phenanthrene               | 24.98 | 178  | 3176     | N.D. |      |        |
| 34) Anthracene                 | 25.18 | 178  | 472      | N.D. |      |        |
| 35) Di-n-butylphthalate        | 27.02 | 149  | 92618    | 0.41 | ug/l |        |
| 36) Fluoranthene               | 0.00  | 202  | 0        | N.D. |      |        |
| 39) Pyrene                     | 29.47 | 202  | 763      | N.D. |      |        |
| 40) Butylbenzylphthalate       | 31.53 | 149  | 1264     | N.D. |      |        |
| 41) Benzo(a)anthracene         | 33.09 | 228  | 7411     | N.D. |      |        |
| 42) Bis(2-ethylhexyl)phthalate | 33.31 | 149  | 13538    | N.D. |      |        |
| 43) Chrysene                   | 33.09 | 228  | 7411     | N.D. |      |        |
| 45) Di-n-Octylphthalate        | 35.05 | 149  | 6310     | N.D. |      |        |
| 46) Benzo(b)fluoranthene       | 36.09 | 252  | 2104     | N.D. |      |        |
| 47) Benzo(k)fluoranthene       | 36.09 | 252  | 2367     | N.D. |      |        |
| 48) Benzo(a)pyrene             | 36.95 | 252  | 1515     | N.D. |      |        |
| 49) Indeno(1,2,3-cd)pyrene     | 0.00  | 276  | 0        | N.D. |      |        |
| 50) Dibenzo(a,h)anthracene     | 0.00  | 278  | 0        | N.D. |      |        |
| 51) Benzo(g,h,i)perylene       | 0.00  | 276  | 0        | N.D. |      |        |

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

30426.D GCMS1126.M

Mon Dec 31 12:19:47 2001

Page 2

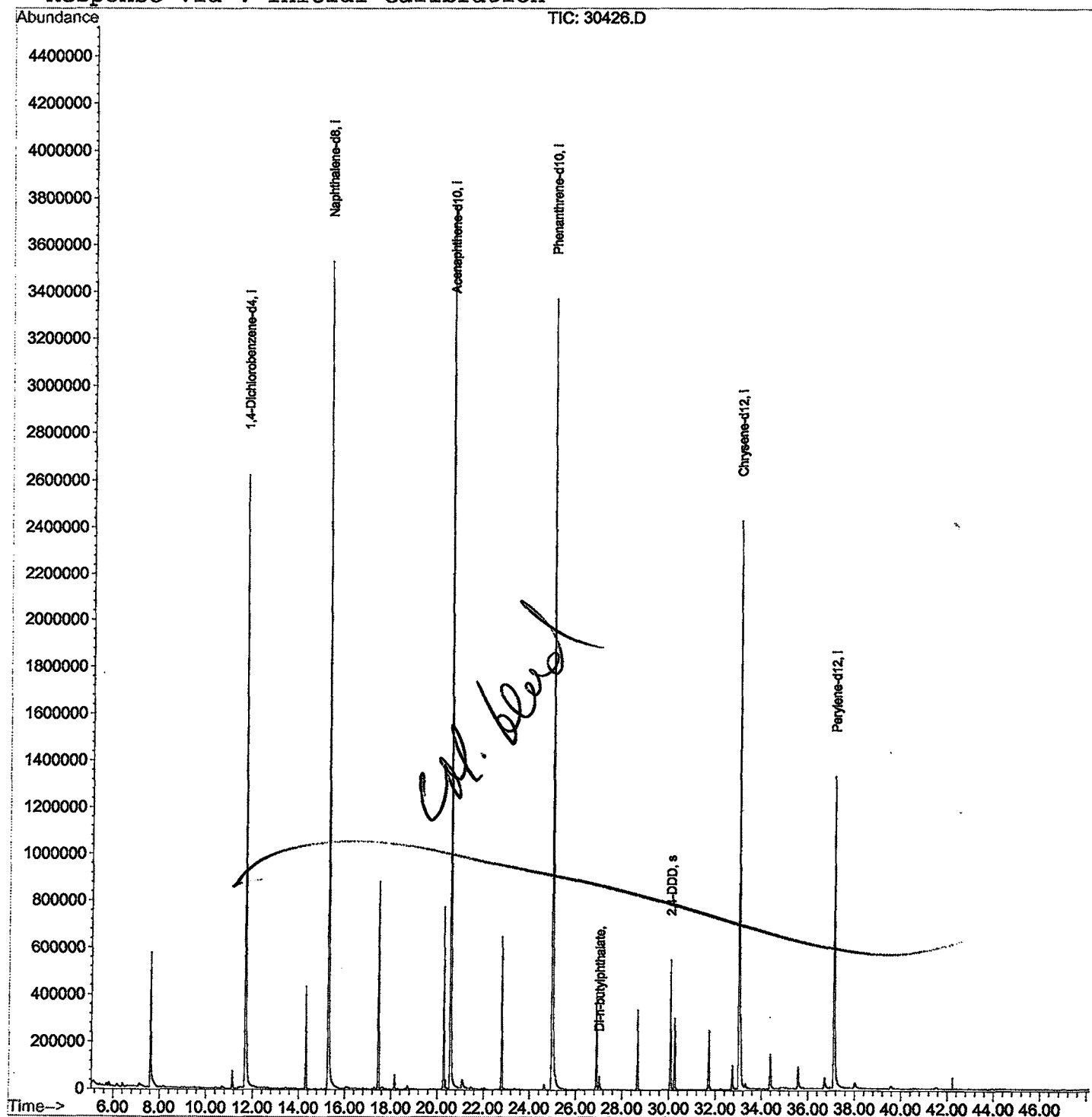
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30426.D  
Acq On : 28 Dec 2001 11:28 am  
Sample : GC/MS SCAN 12/13  
Misc :  
MS Integration Params: GOOFY.P  
Quant Time: Dec 31 12:19 2001

Vial: 23  
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 : Fri Dec 28 15:11:00 2001  
Response via : Initial Calibration



## LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30426.D  
 Acq On : 28 Dec 2001 11:28 am  
 Sample : GC/MS SCAN 12/13  
 Misc :  
 MS Integration Params: LSCINT.P

Vial: 23  
 Operator: 209 GALOS  
 Inst : GC/MS 209  
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)  
 Title : 209 625/TCLP calibration table  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 1 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|--------------|----------------|---------------|
| 1         | 7.612       | 276           | 280         | 310          | rBV      | 569311         | 1480911      | 14.89%         | 2.556%        |
| 2         | 11.128      | 656           | 663         | 674          | rVB      | 75580          | 174510       | 1.75%          | 0.301%        |
| 3         | 11.678      | 717           | 723         | 747          | rBV      | 2616568        | 6639581      | 66.77%         | 11.461%       |
| 4         | 14.304      | 1001          | 1009        | 1017         | rBV      | 433505         | 929424       | 9.35%          | 1.604%        |
| 5         | 15.277      | 1109          | 1115        | 1135         | rBV      | 3526452        | 8359549      | 84.06%         | 14.430%       |
| 6         | 17.453      | 1344          | 1352        | 1362         | rBV      | 881296         | 1870656      | 18.81%         | 3.229%        |
| 7         | 18.160      | 1424          | 1429        | 1440         | rBV      | 62323          | 139029       | 1.40%          | 0.240%        |
| 8         | 20.271      | 1652          | 1659        | 1667         | rBV      | 771723         | 1614362      | 16.23%         | 2.787%        |
| 9         | 20.565      | 1684          | 1691        | 1720         | rBV      | 3768249        | 9309613      | 93.61%         | 16.070%       |
| 10        | 21.079      | 1741          | 1747        | 1759         | rBV2     | 34441          | 154884       | 1.56%          | 0.267%        |
| 11        | 22.787      | 1927          | 1933        | 1949         | rVB      | 646424         | 1344982      | 13.52%         | 2.322%        |
| 12        | 24.981      | 2163          | 2172        | 2202         | rBV3     | 3370438        | 9944588      | 100.00%        | 17.166%       |
| 13        | 26.890      | 2373          | 2380        | 2387         | rBV      | 406966         | 869295       | 8.74%          | 1.501%        |
| 14        | 27.010      | 2387          | 2393        | 2407         | rVV      | 55191          | 163711       | 1.65%          | 0.283%        |
| 15        | 28.653      | 2565          | 2572        | 2581         | rBV      | 337963         | 734867       | 7.39%          | 1.269%        |
| 16        | 30.057      | 2720          | 2725        | 2739         | rBV      | 548178         | 1267323      | 12.74%         | 2.188%        |
| 17        | 30.250      | 2740          | 2746        | 2756         | rVV      | 300320         | 694473       | 6.98%          | 1.199%        |
| 18        | 31.719      | 2899          | 2906        | 2915         | rBV      | 249006         | 628540       | 6.32%          | 1.085%        |
| 19        | 32.729      | 3011          | 3016        | 3026         | rBV      | 102845         | 274017       | 2.76%          | 0.473%        |
| 20        | 33.023      | 3041          | 3048        | 3053         | rBV2     | 2422895        | 6041608      | 60.75%         | 10.429%       |
| 21        | 34.372      | 3188          | 3195        | 3212         | rBV      | 148392         | 482977       | 4.86%          | 0.834%        |
| 22        | 35.575      | 3320          | 3326        | 3339         | rBV      | 92433          | 315476       | 3.17%          | 0.545%        |
| 23        | 36.722      | 3444          | 3451        | 3459         | rBV2     | 44441          | 161734       | 1.63%          | 0.279%        |
| 24        | 37.117      | 3486          | 3494        | 3516         | rBV2     | 1323893        | 4231905      | 42.55%         | 7.305%        |
| 25        | 38.017      | 3584          | 3592        | 3603         | rBV3     | 22349          | 103388       | 1.04%          | 0.178%        |

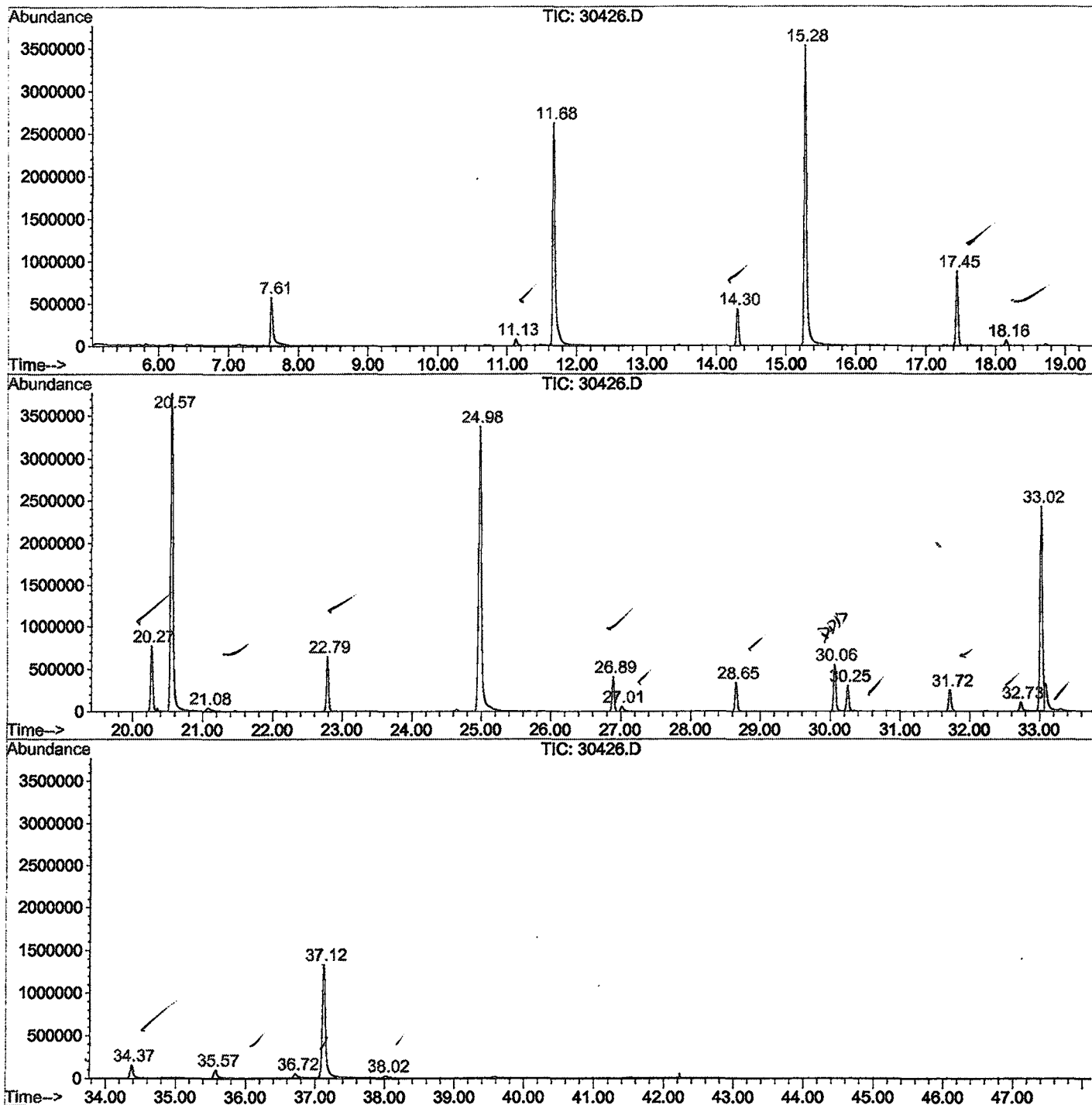
Sum of corrected areas: 57931403

30426.D GCMS1126.M

Wed Jan 02 11:07:23 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2701\30426.D  
 Operator : 209 GALOS  
 Acquired : 28 Dec 2001 11:28 am using AcqMethod GCMS1126  
 Instrument : GC/MS 209  
 Sample Name: GC/MS SCAN 12/13  
 Misc Info :  
 Vial Number: 23  
 Quant File :GCMS1126.RES (RTE Integrator)



30426.D GCMS1126.M

Wed Jan 02 11:07:30 2002

## Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30426.D  
Acq On : 28 Dec 2001 11:28 am  
Sample : GC/MS SCAN 12/13  
Misc :  
MS Integration Params: LSCINT.P

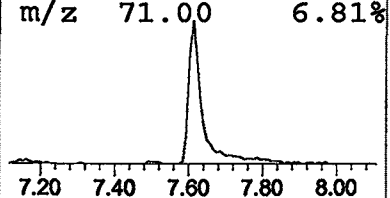
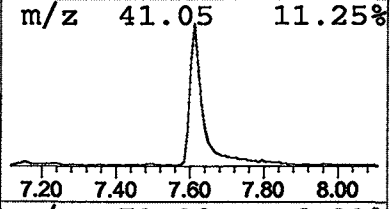
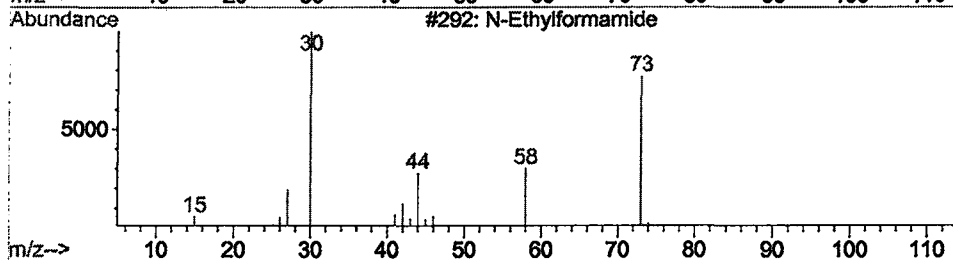
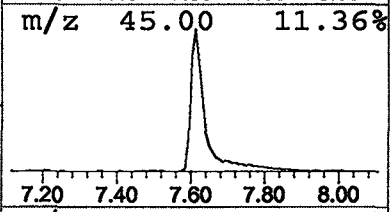
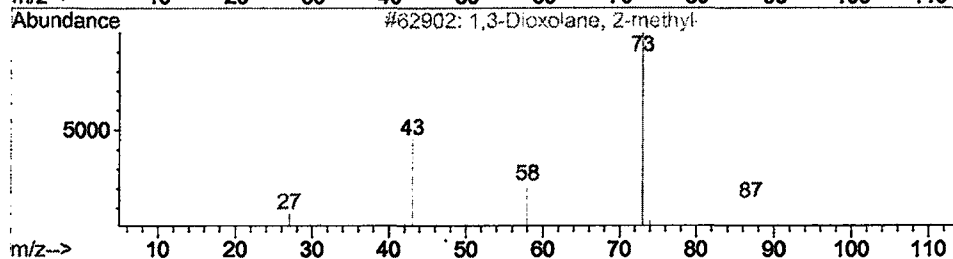
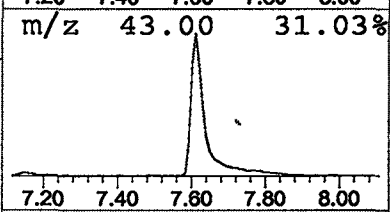
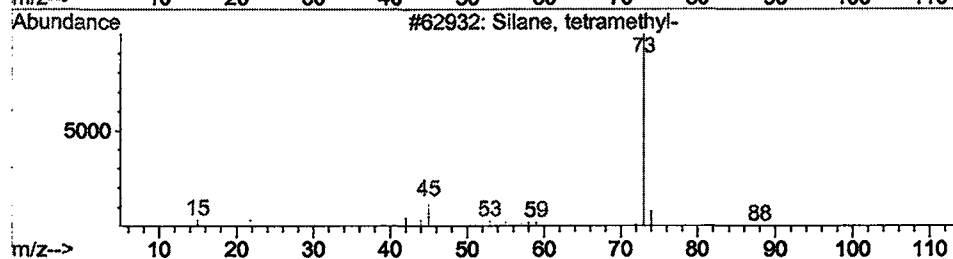
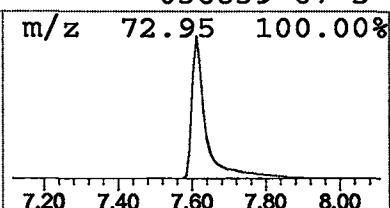
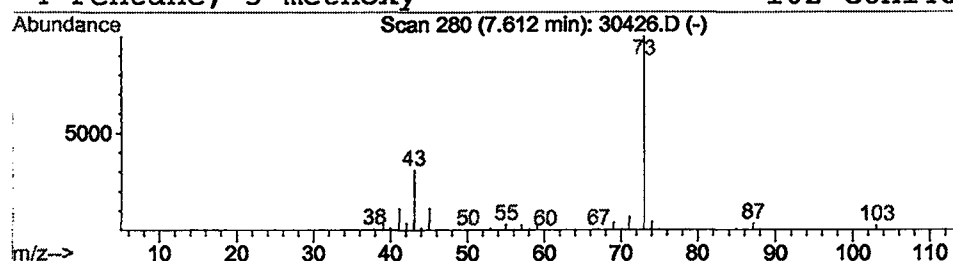
Vial: 23  
Operator: 209 GALOS  
Inst : GC/MS 209  
Multiplr: 1.00

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 2

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T.  |
|------|-----------|---------|------------------------|-------|
| 7.61 | 4.46 ug/l | 1480910 | 1,4-Dichlorobenzene-d4 | 11.68 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Silane, tetramethyl-     | 88  | C4H12Si | 000075-76-3 | 9    |
| 2    |    |   | 1,3-Dioxolane, 2-methyl- | 88  | C4H8O2  | 000497-26-7 | 9    |
| 3    |    |   | N-Ethylformamide         | 73  | C3H7NO  | 000627-45-2 | 9    |
| 4    |    |   | Pentane, 3-methoxy-      | 102 | C6H14O  | 036839-67-5 | 9    |



## Library Search Compound Report

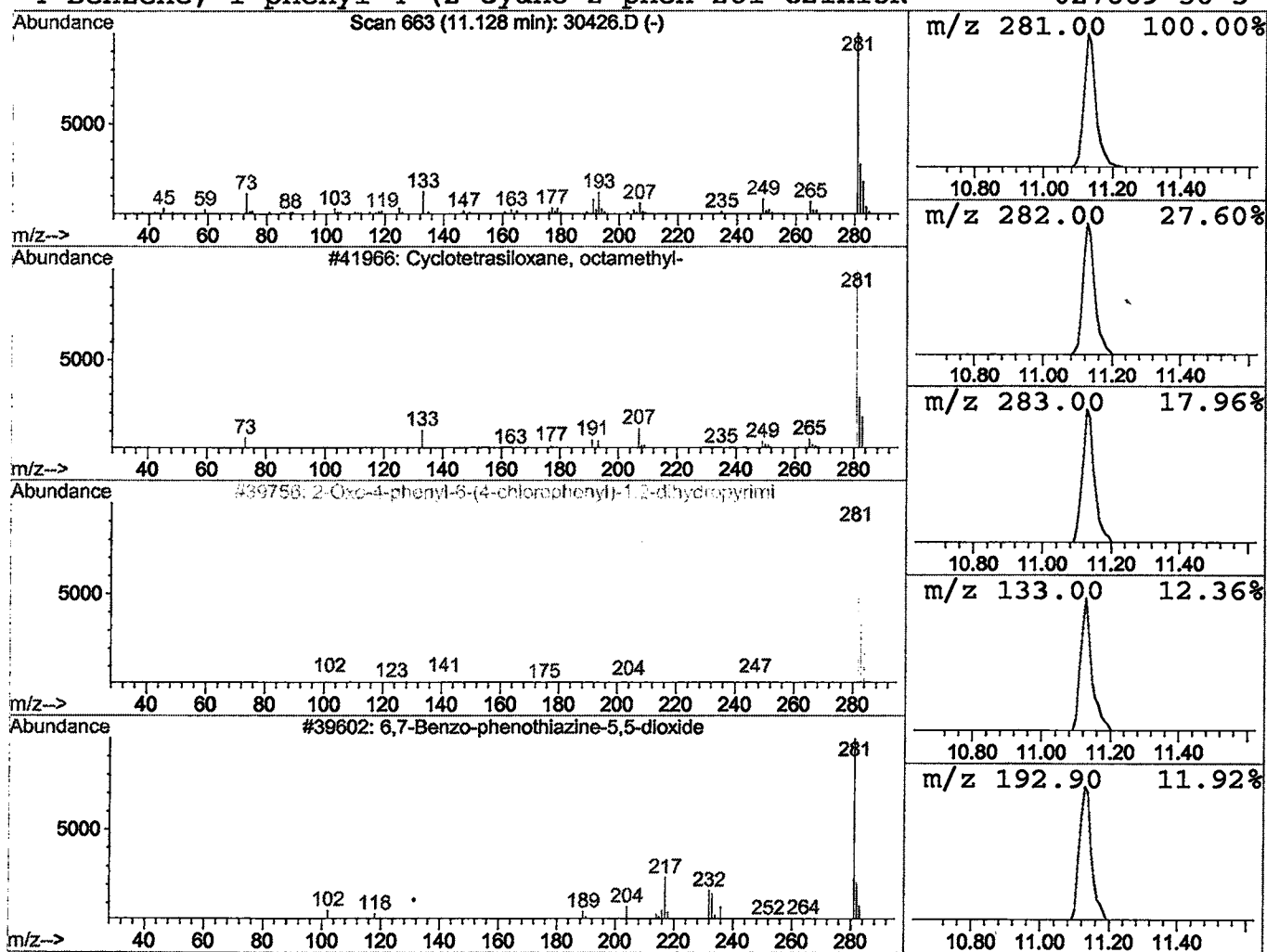
Data File : C:\HPCHEM\1\DATA\DEC2701\30426.D  
Acq On : 28 Dec 2001 11:28 am  
Sample : GC/MS SCAN 12/13  
Misc :  
MS Integration Params: LSCINT.P

Vial: 23  
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 Cyclotetrasiloxane, octamethyl Concentration Rank 14

| R.T.    | EstConc   | Area                                | Relative to ISTD       | R.T.        |             |      |
|---------|-----------|-------------------------------------|------------------------|-------------|-------------|------|
| 11.13   | 0.53 ug/l | 174510                              | 1,4-Dichlorobenzene-d4 | 11.68       |             |      |
| Hit# of | 5         | Tentative ID                        | MW                     | MolForm     | CAS#        | Qual |
| 1       |           | Cyclotetrasiloxane, octamethyl-     | 296                    | C8H24O4Si4  | 000556-67-2 | 86   |
| 2       |           | 2-Oxo-4-phenyl-6-(4-chlorophenyl)-1 | 282                    | C16H11ClN2O | 000000-00-0 | 9    |
| 3       |           | 6,7-Benzo-phenothiazine-5,5-dioxide | 281                    | C16H11NO2S  | 000000-00-0 | 9    |
| 4       |           | Benzene, 1-phenyl-4-(2-cyano-2-phen | 281                    | C21H15N     | 027869-56-3 | 9    |



## Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30426.D  
Acq On : 28 Dec 2001 11:28 am  
Sample : GC/MS SCAN 12/13  
Misc :  
MS Integration Params: LSCINT.P

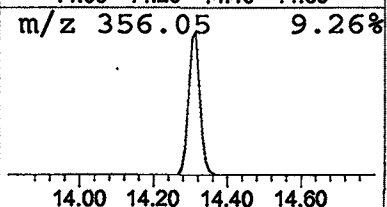
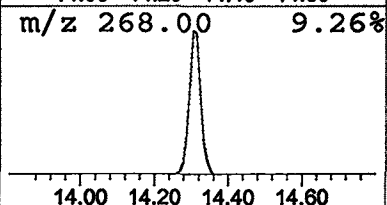
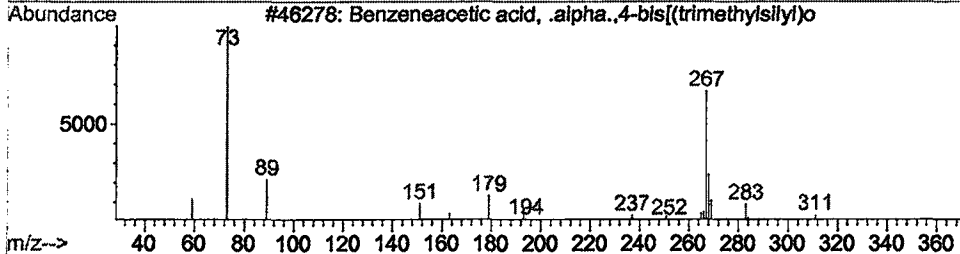
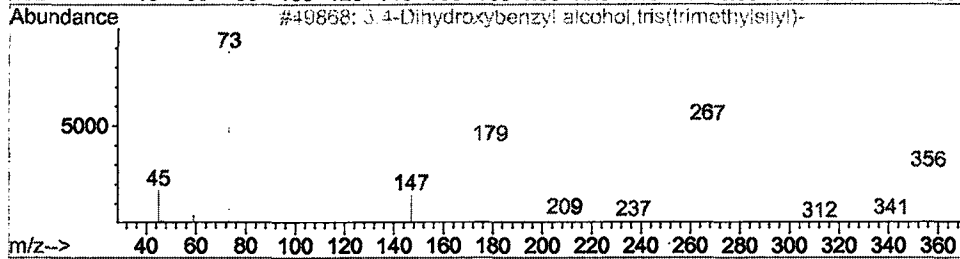
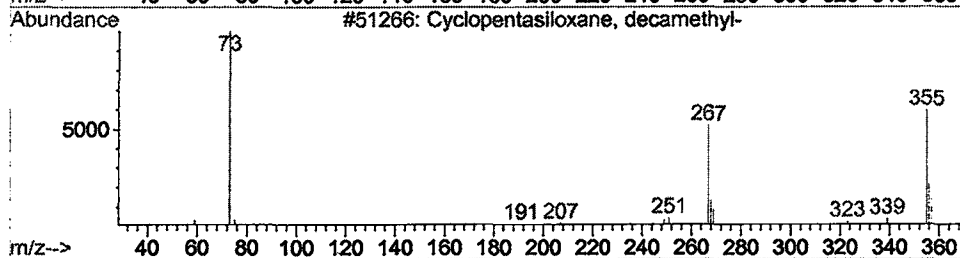
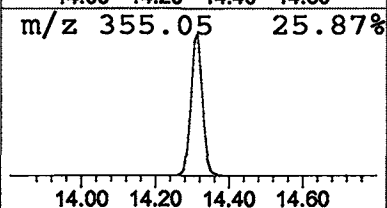
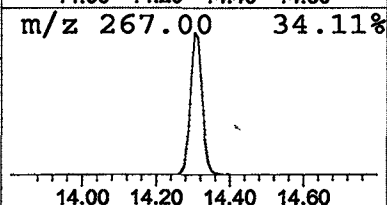
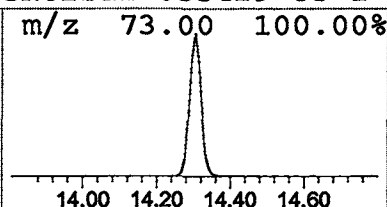
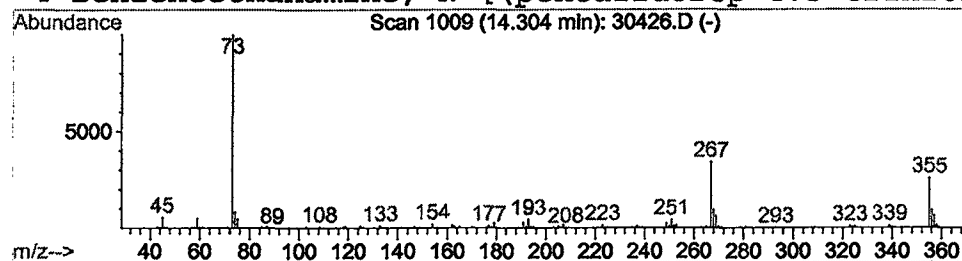
Vial: 23  
Operator: 209 GALOS  
Inst : GC/MS 209  
Multiplr: 1.00

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

\*\*\*\*\*  
Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 6

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 14.30 | 2.22 ug/l | 929424 | Naphthalene-d8   | 15.28 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm        | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|----------------|-------------|------|
| 1    |    |   | Cyclopentasiloxane, decamethyl-      | 370 | C10H30O5Si5    | 000541-02-6 | 50   |
| 2    |    |   | 3,4-Dihydroxybenzyl alcohol, tris(tr | 356 | C16H32O3Si3    | 068595-79-9 | 38   |
| 3    |    |   | Benzeneacetic acid, .alpha.,4-bis[(  | 326 | C15H26O4Si2    | 055334-40-2 | 32   |
| 4    |    |   | Benzeneethanamine, N-[(pentafluorop  | 475 | C21H26F5NO2Si2 | 055429-85-1 | 32   |



## Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30426.D  
Acq On : 28 Dec 2001 11:28 am  
Sample : GC/MS SCAN 12/13  
Misc :  
MS Integration Params: LSCINT.P

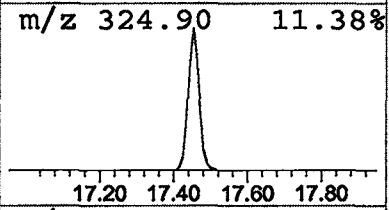
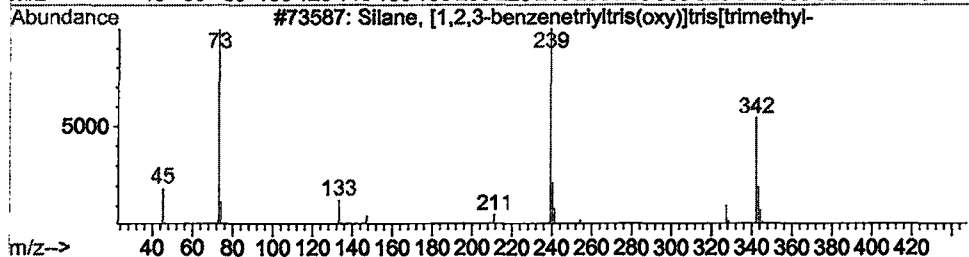
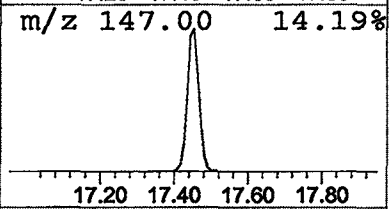
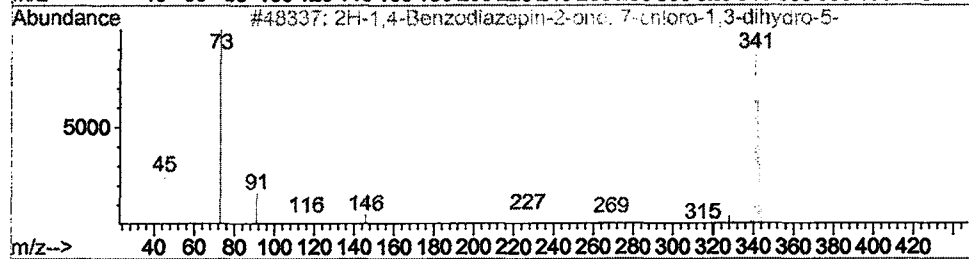
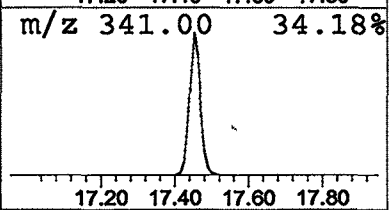
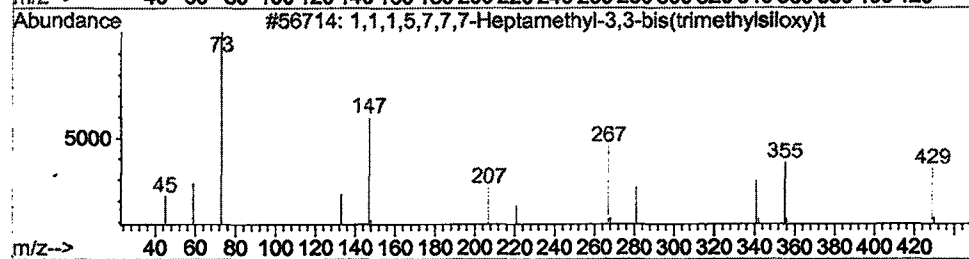
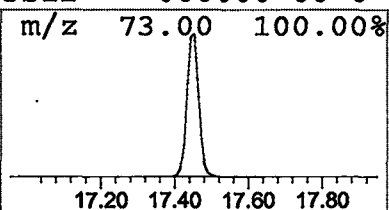
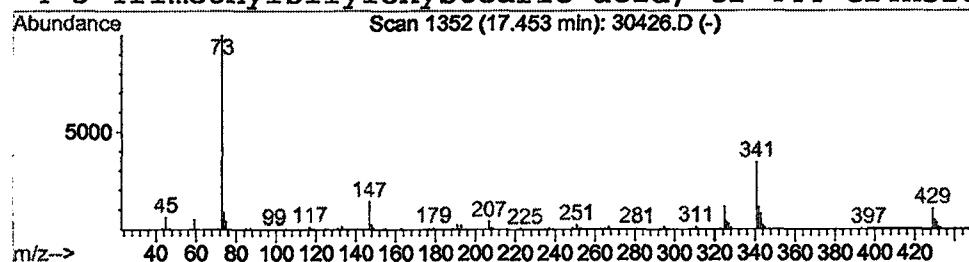
Vial: 23  
Operator: 209 GALOS  
Inst : GC/MS 209  
Multiplr: 1.00

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

\*\*\*\*\*  
Peak Number 4 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 1

| R.T.  | EstConc   | Area    | Relative to ISTD | R.T.  |
|-------|-----------|---------|------------------|-------|
| 17.45 | 4.48 ug/l | 1870660 | Naphthalene-d8   | 15.28 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm       | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|---------------|-------------|------|
| 1    |    |   | 1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t  | 444 | C13H40O5Si6   | 038147-00-1 | 25   |
| 2    |    |   | 2H-1,4-Benzodiazepin-2-one, 7-chlor  | 342 | C18H19ClN2OSi | 055299-24-6 | 22   |
| 3    |    |   | Silane, [1,2,3-benzenetriyl]tris(oxy | 342 | C15H30O3Si3   | 017864-23-2 | 12   |
| 4    |    |   | 3-Trimethylsilyloxystearic acid, tr  | 444 | C24H52O3Si2   | 000000-00-0 | 9    |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30426.D  
 Acq On : 28 Dec 2001 11:28 am  
 Sample : GC/MS SCAN 12/13  
 Misc :  
 MS Integration Params: LSCINT.P

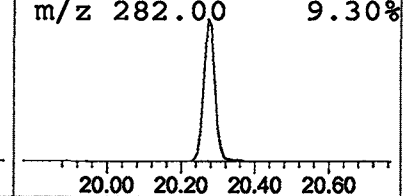
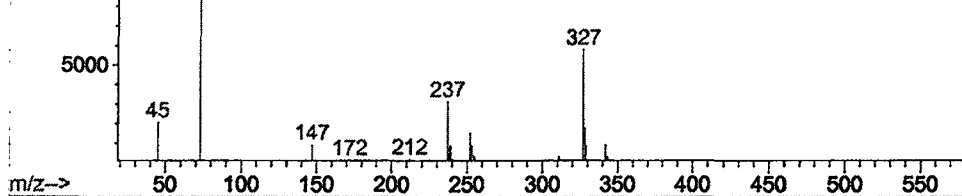
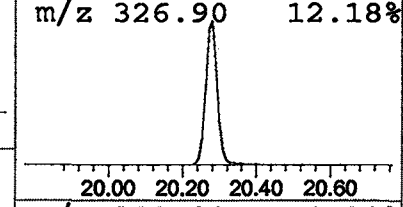
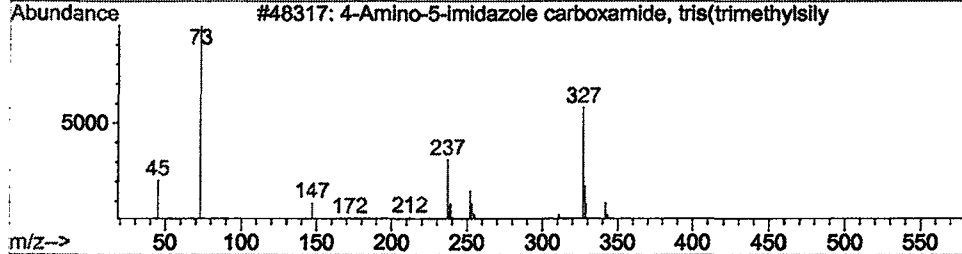
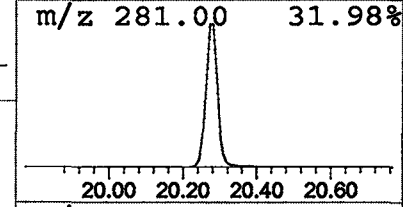
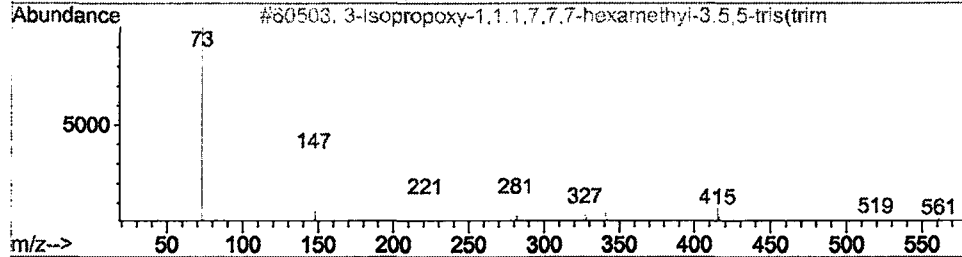
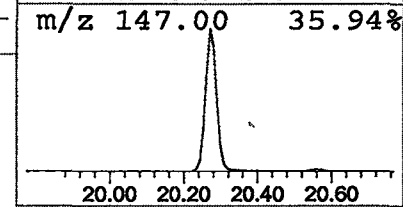
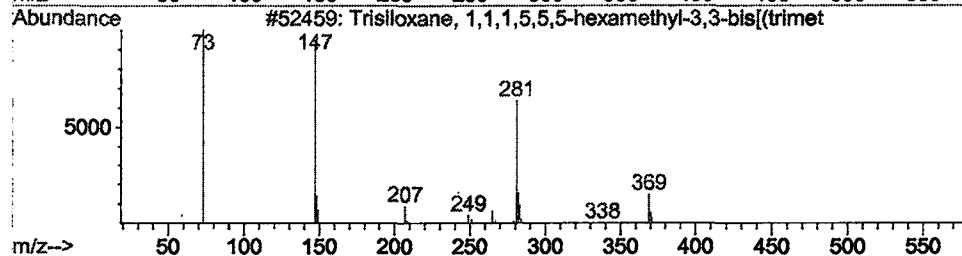
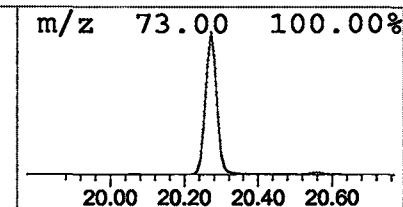
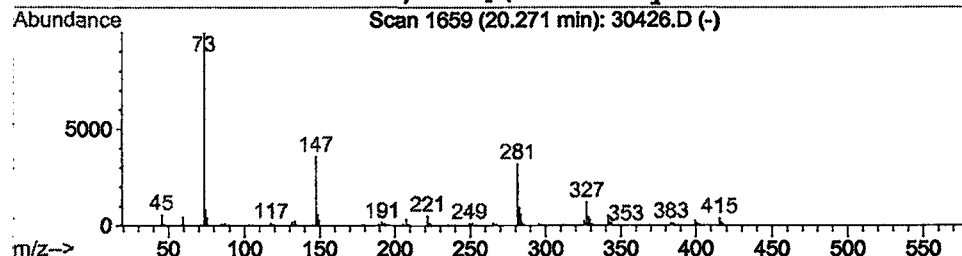
Vial: 23  
 Operator: 209 GALOS  
 Inst : GC/MS 209  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 5 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 3

| R.T.  | EstConc   | Area    | Relative to ISTD | R.T.  |
|-------|-----------|---------|------------------|-------|
| 20.27 | 3.47 ug/l | 1614360 | Acenaphthene-d10 | 20.56 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm      | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|--------------|-------------|------|
| 1    |    |   | Trisiloxane, 1,1,1,5,5,5-hexamethyl | 384 | C12H36O4Si5  | 003555-47-3 | 47   |
| 2    |    |   | 3-Isopropoxy-1,1,1,7,7,7-hexamethyl | 576 | C18H52O7Si7  | 071579-69-6 | 17   |
| 3    |    |   | 4-Amino-5-imidazole carboxamide, tr | 342 | C13H30N4OSi3 | 000000-00-0 | 12   |
| 4    |    |   | Octadecanoic acid, 2-[(trimethylsil | 386 | C22H46O3Si   | 056196-58-8 | 10   |



## Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30426.D  
Acq On : 28 Dec 2001 11:28 am  
Sample : GC/MS SCAN 12/13  
Misc :  
MS Integration Params: LSCINT.P

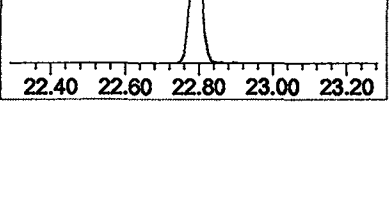
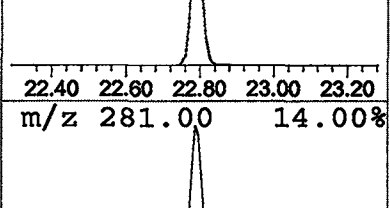
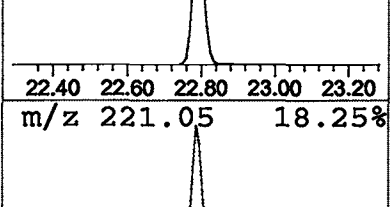
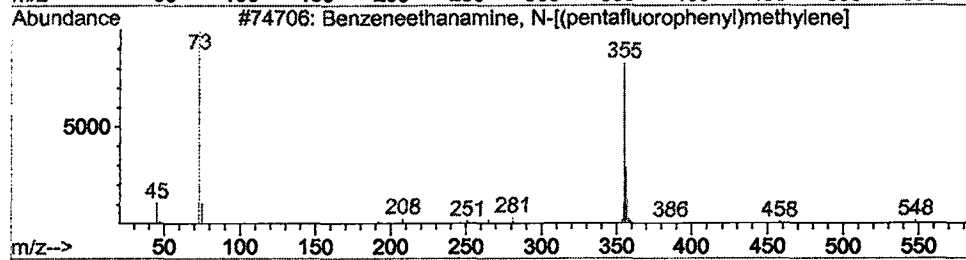
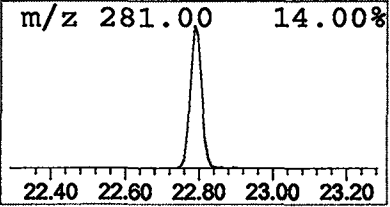
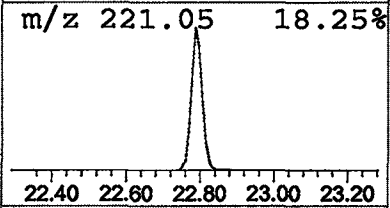
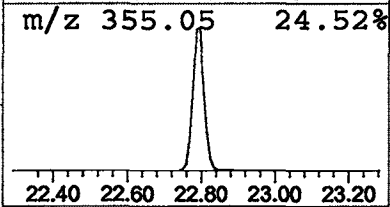
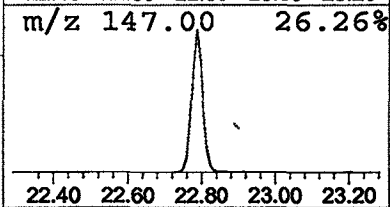
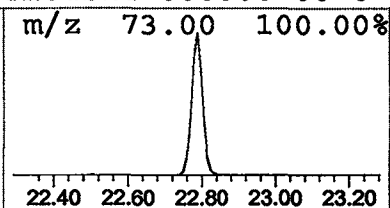
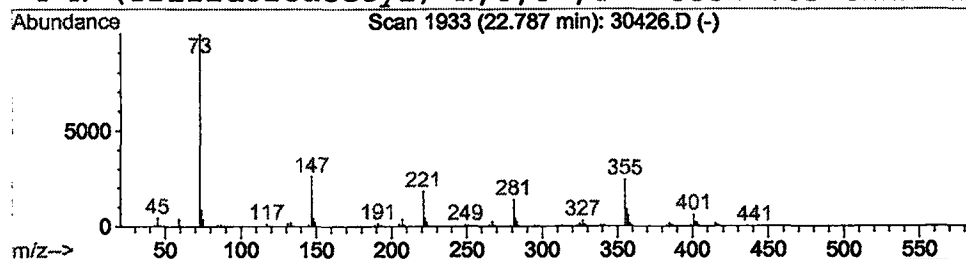
Vial: 23  
Operator: 209 GALOS  
Inst : GC/MS 209  
Multiplr: 1.00

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

\*\*\*\*\*  
Peak Number 6 Benzeneethanamine, N-[(pentafl Concentration Rank 4

| R.T.  | EstConc   | Area    | Relative to ISTD | R.T.  |
|-------|-----------|---------|------------------|-------|
| 22.79 | 2.70 ug/l | 1344980 | Phenanthrene-d10 | 24.98 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm        | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------------|-------------|------|
| 1    |    |   | Benzeneethanamine, N-[(pentafluorop | 563 | C24H34F5NO3Si3 | 055429-13-5 | 37   |
| 2    |    |   | N-(Trifluoroacetyl)-O,O',O''-tris(t | 481 | C19H34F3NO4Si3 | 000000-00-0 | 37   |
| 3    |    |   | Trisiloxane, 1,1,1,5,5,5-hexamethyl | 384 | C12H36O4Si5    | 003555-47-3 | 37   |
| 4    |    |   | N-(Trifluoroacetyl)-N,O,O',O''-tetr | 553 | C22H42F3NO4Si4 | 000000-00-0 | 35   |



# Library Search Compound Report

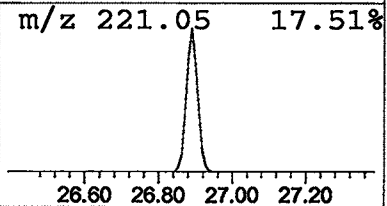
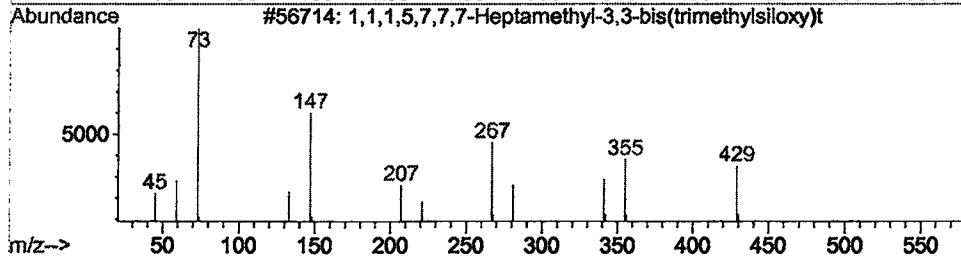
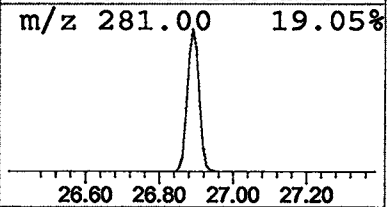
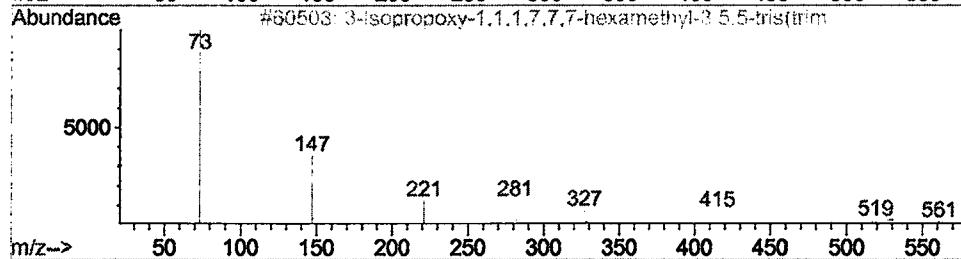
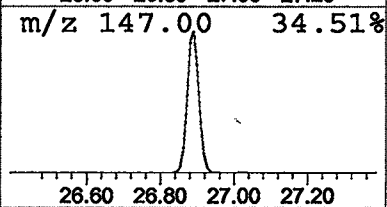
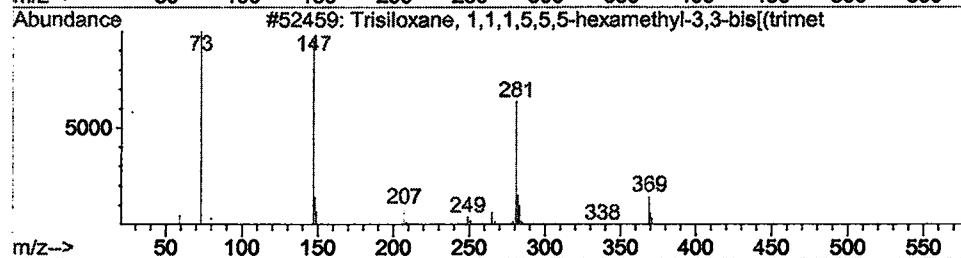
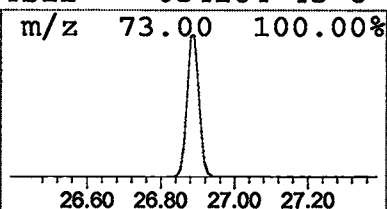
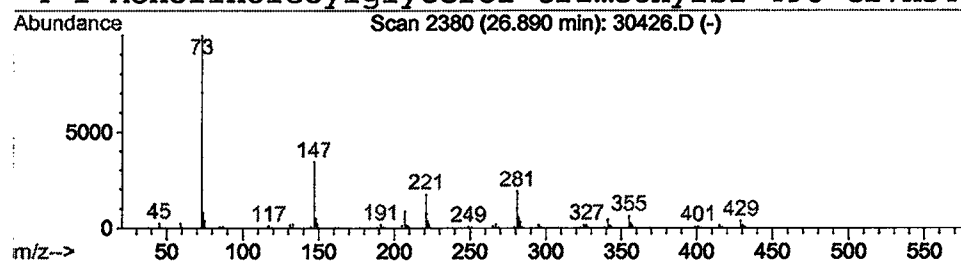
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 Sample : GC/MS SCAN 12/13  
 Misc :  
 MS Integration Params: LSCINT.P

Vial: 23  
 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 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 8

| R.T.    | EstConc   | Area                                | Relative to ISTD | R.T.        |             |      |
|---------|-----------|-------------------------------------|------------------|-------------|-------------|------|
| 26.89   | 1.75 ug/l | 869295                              | Phenanthrene-d10 | 24.98       |             |      |
| Hit# of | 5         | Tentative ID                        | MW               | MolForm     | CAS#        | Qual |
| 1       |           | Trisiloxane, 1,1,1,5,5,5-hexamethyl | 384              | C12H36O4Si5 | 003555-47-3 | 42   |
| 2       |           | 3-Isopropoxy-1,1,1,7,7,7-hexamethyl | 576              | C18H52O7Si7 | 071579-69-6 | 40   |
| 3       |           | 1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t | 444              | C13H40O5Si6 | 038147-00-1 | 35   |
| 4       |           | 1-Monolinoleovlglycerol trimethylsi | 498              | C27H54O4Si2 | 054284-45-6 | 25   |



## Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30426.D  
 Acq On : 28 Dec 2001 11:28 am  
 Sample : GC/MS SCAN 12/13  
 Misc :  
 MS Integration Params: LSCINT.P

Vial: 23  
 Operator: 209 GALOS  
 Inst : GC/MS 209  
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)

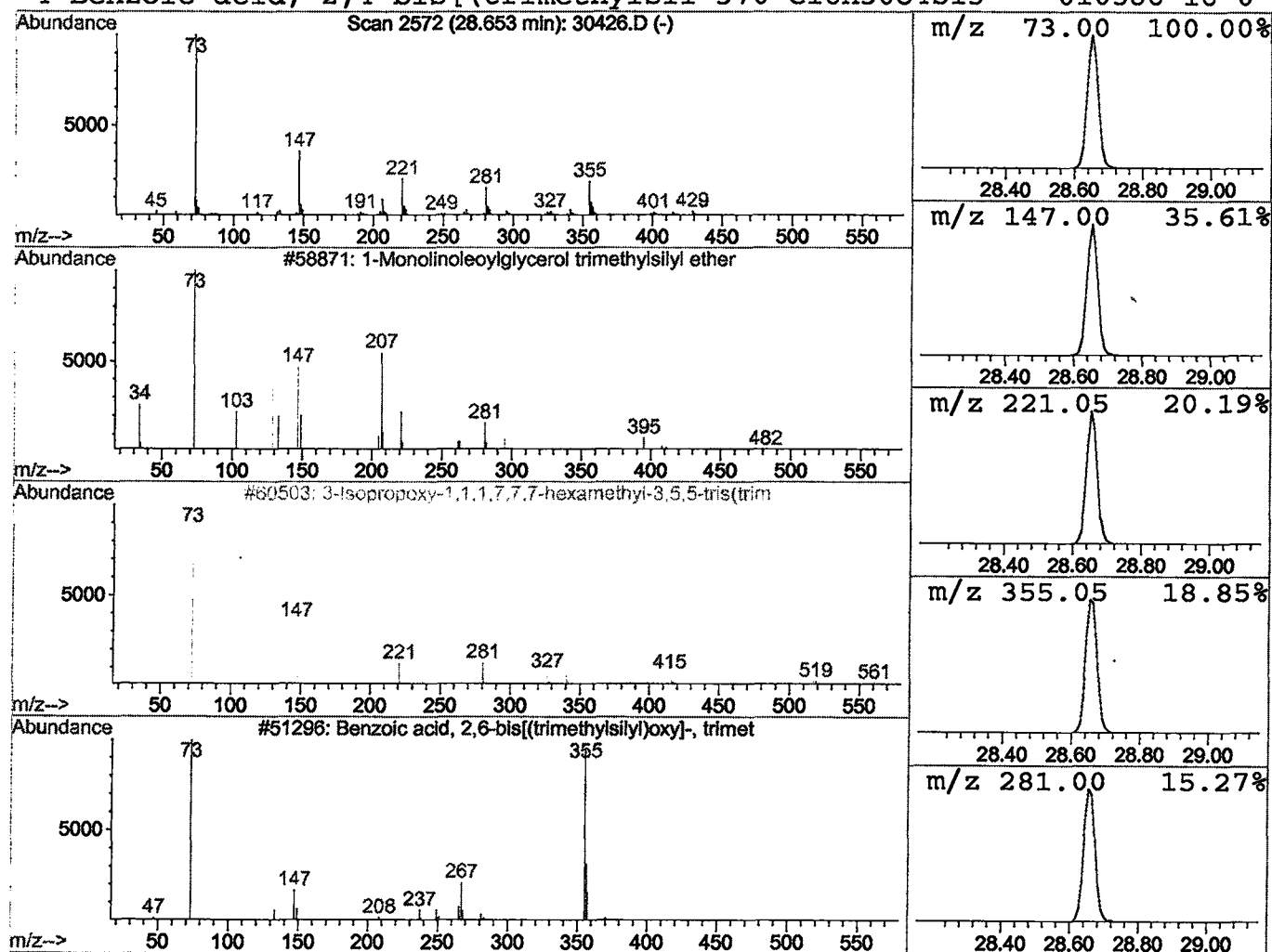
Title : 209 625/TCLP calibration table

Library : C:\DATABASE\NBS75K.L

\*\*\*\*\*  
 Peak Number 8 1-Monolinoleoylglycerol trimet Concentration Rank 11

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 28.65 | 1.48 ug/l | 734867 | Phenanthrene-d10 | 24.98 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|-------------------------------------|-----|-------------|-------------|------|
| 1    | 5  | 1-Monolinoleoylglycerol trimethylsi | 498 | C27H54O4Si2 | 054284-45-6 | 34   |
| 2    |    | 3-Isopropoxy-1,1,1,7,7,7-hexamethyl | 576 | C18H52O7Si7 | 071579-69-6 | 25   |
| 3    |    | Benzoic acid, 2,6-bis[(trimethylsil | 370 | C16H30O4Si3 | 003782-85-2 | 14   |
| 4    |    | Benzoic acid, 2,4-bis[(trimethylsil | 370 | C16H30O4Si3 | 010586-16-0 | 12   |



## Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30426.D  
Acq On : 28 Dec 2001 11:28 am  
Sample : GC/MS SCAN 12/13  
Misc :  
MS Integration Params: LSCINT.P

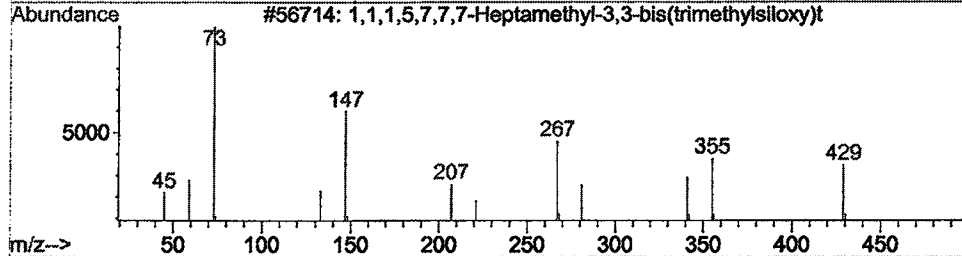
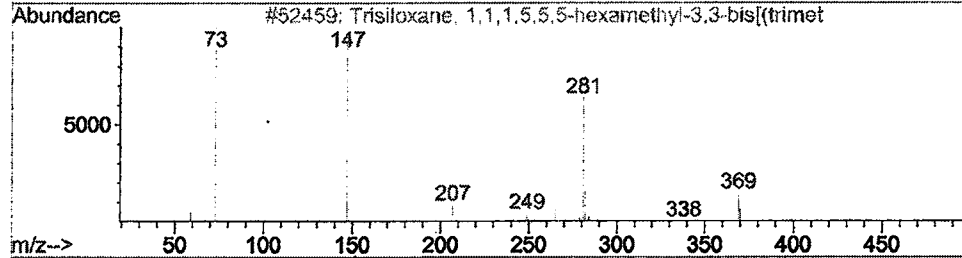
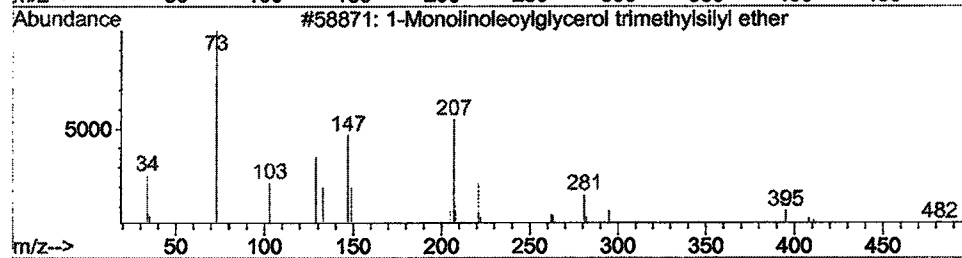
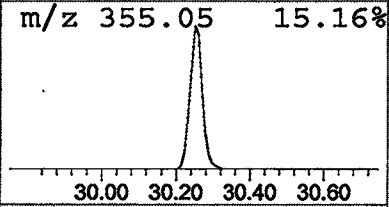
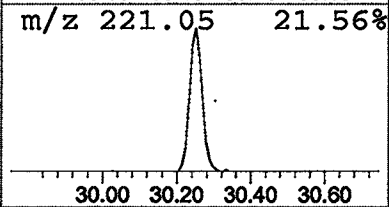
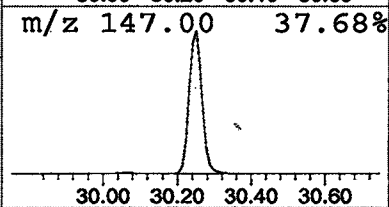
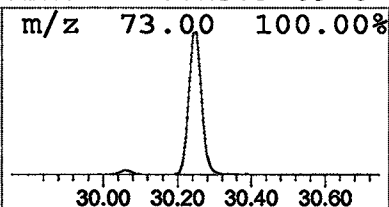
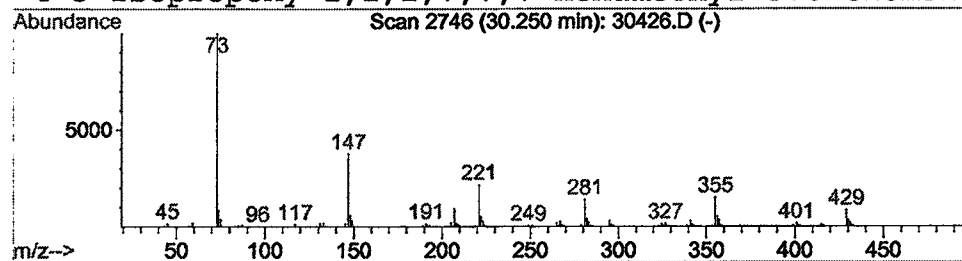
Vial: 23  
Operator: 209 GALOS  
Inst : GC/MS 209  
Multiplr: 1.00

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

\*\*\*\*\*  
Peak Number 9 1-Monolinoleoylglycerol trimet Concentration Rank 5

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 30.25 | 2.30 ug/l | 694473 | Chrysene-d12     | 33.02 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | 1-Monolinoleoylglycerol trimethylsi | 498 | C27H54O4Si2 | 054284-45-6 | 42   |
| 2    |    |   | Trisiloxane, 1,1,1,5,5,5-hexamethyl | 384 | C12H36O4Si5 | 003555-47-3 | 32   |
| 3    |    |   | 1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t | 444 | C13H40O5Si6 | 038147-00-1 | 28   |
| 4    |    |   | 3-Isopropoxy-1,1,1,7,7,7-hexamethyl | 576 | C18H52O7Si7 | 071579-69-6 | 25   |



## Library Search Compound Report

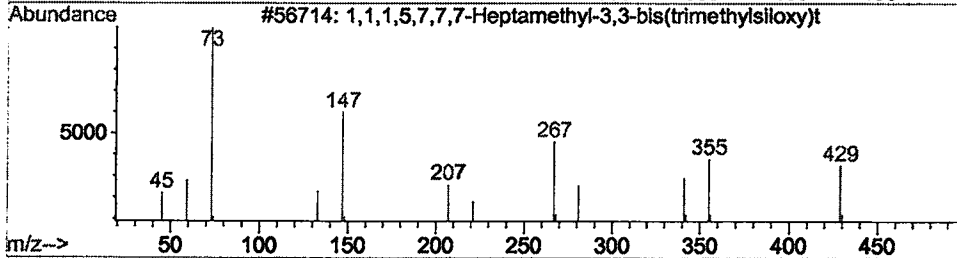
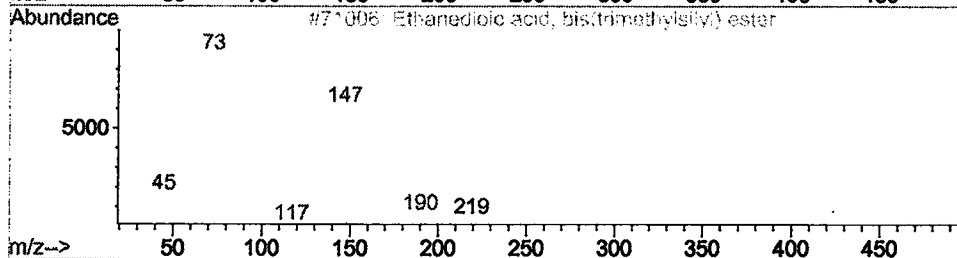
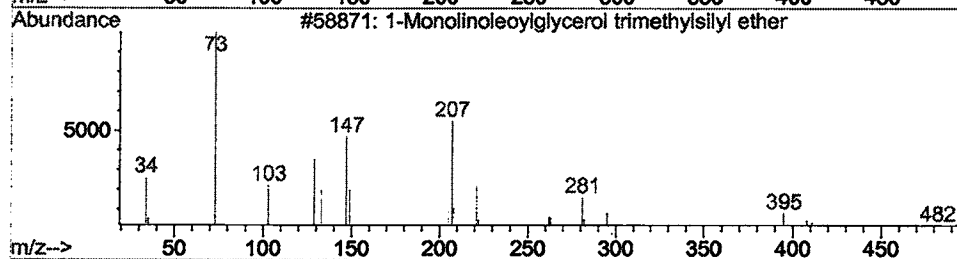
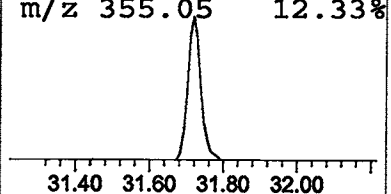
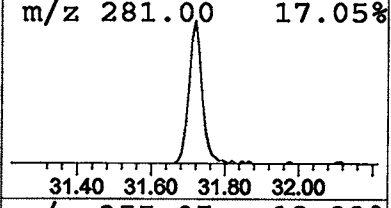
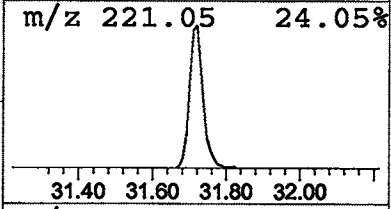
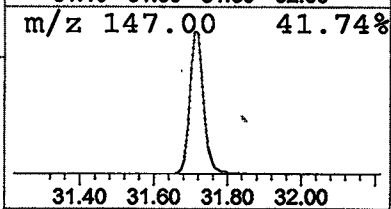
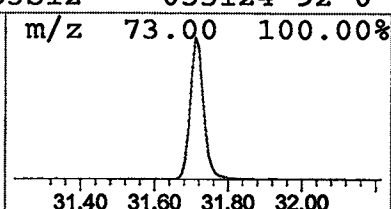
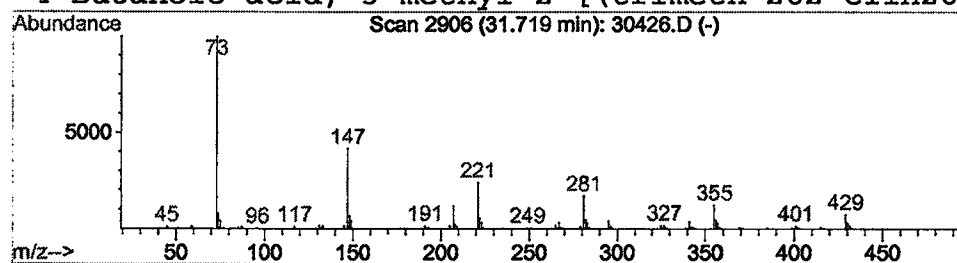
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Acq On : 28 Dec 2001 11:28 am  
Sample : GC/MS SCAN 12/13  
Misc :  
MS Integration Params: LSCINT.P

Vial: 23  
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 1-Monolinoleoylglycerol trimet Concentration Rank 7

| R.T.  | EstConc   | Area   | Relative to ISTD                    | R.T.  |             |             |      |
|-------|-----------|--------|-------------------------------------|-------|-------------|-------------|------|
| 31.72 | 2.08 ug/l | 628540 | Chrysene-d12                        | 33.02 |             |             |      |
| Hit#  | of        | 5      | Tentative ID                        | MW    | MolForm     | CAS#        | Qual |
| 1     |           |        | 1-Monolinoleoylglycerol trimethylsi | 498   | C27H54O4Si2 | 054284-45-6 | 45   |
| 2     |           |        | Ethanedioic acid, bis(trimethylsily | 234   | C8H18O4Si2  | 018294-04-7 | 32   |
| 3     |           |        | 1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t | 444   | C13H40O5Si6 | 038147-00-1 | 25   |
| 4     |           |        | Butanoic acid, 3-methyl-2-[(trimeth | 262   | C11H26O3Si2 | 055124-92-0 | 23   |



## Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30426.D  
 Acq On : 28 Dec 2001 11:28 am  
 Sample : GC/MS SCAN 12/13  
 Misc :  
 MS Integration Params: LSCINT.P

Vial: 23  
 Operator: 209 GALOS  
 Inst : GC/MS 209  
 Multiplr: 1.00

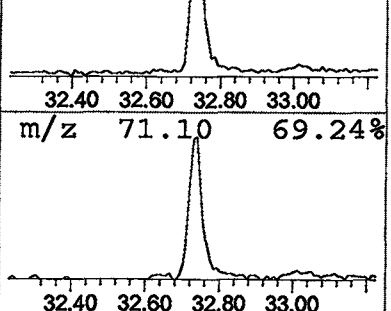
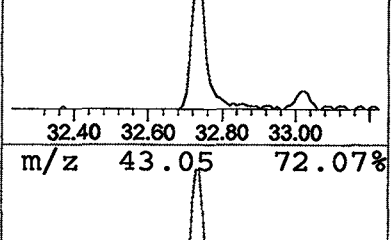
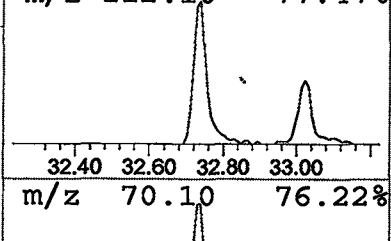
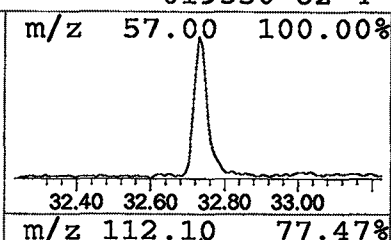
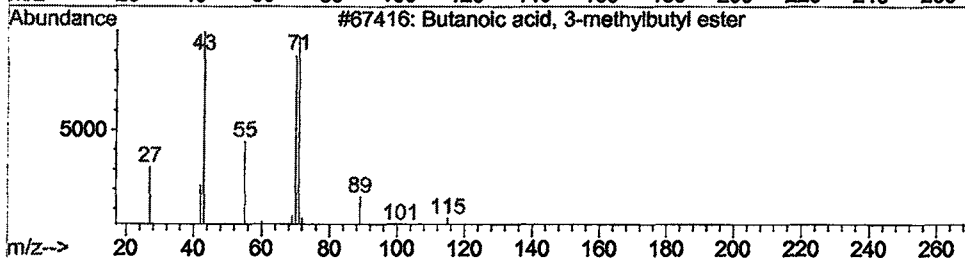
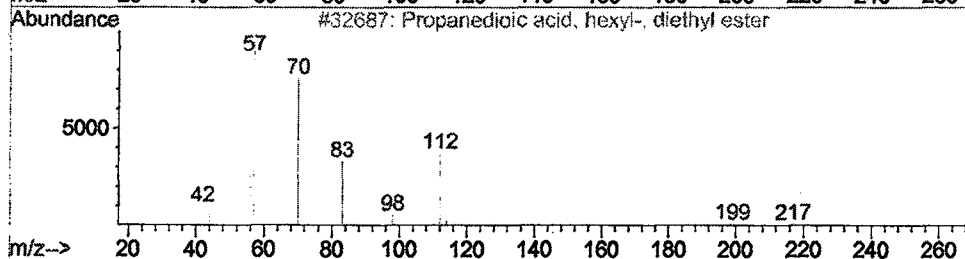
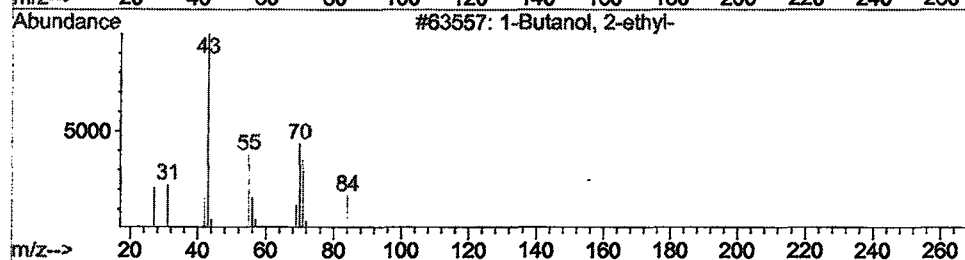
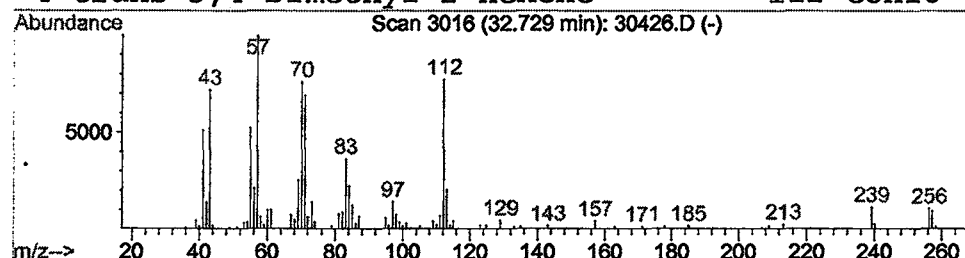
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 Title : 209 625/TCLP calibration table  
 Library : C:\DATABASE\NBS75K.L

\*\*\*\*\*  
 Peak Number 11 1-Butanol, 2-ethyl- Concentration Rank 12

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 32.73 | 0.91 ug/l | 274017 | Chrysene-d12     | 33.02 |

| Hit# of | 5 | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|---------|---|------------------------------------|-----|----------|-------------|------|
| 1       |   | 1-Butanol, 2-ethyl-                | 102 | C6H14O   | 000097-95-0 | 32   |
| 2       |   | Propanedioic acid, hexyl-, diethyl | 244 | C13H24O4 | 005398-10-7 | 32   |
| 3       |   | Butanoic acid, 3-methylbutyl ester | 158 | C9H18O2  | 000106-27-4 | 27   |
| 4       |   | trans-3,4-Dimethyl-2-hexene        | 112 | C8H16    | 019550-82-4 | 27   |



## Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30426.D  
Acq On : 28 Dec 2001 11:28 am  
Sample : GC/MS SCAN 12/13  
Misc :  
MS Integration Params: LSCINT.P

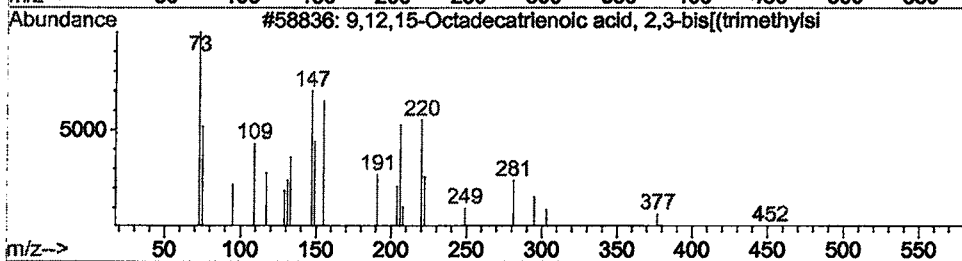
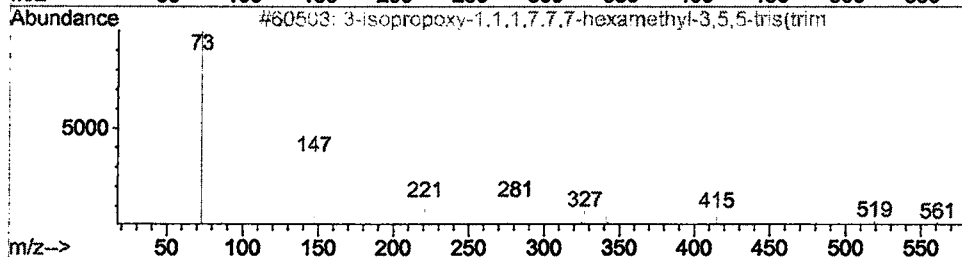
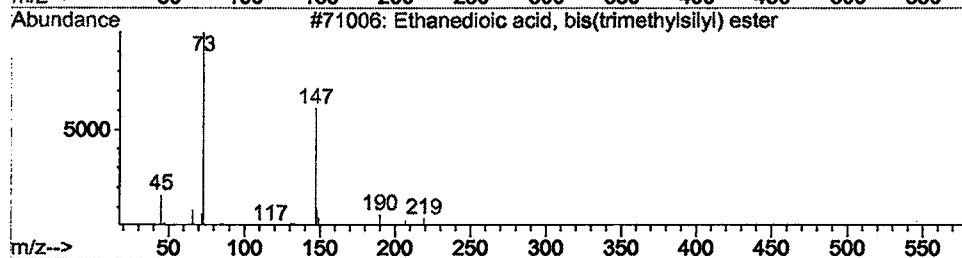
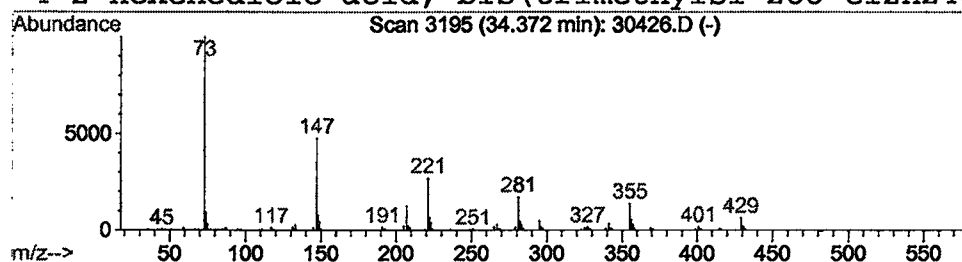
Vial: 23  
Operator: 209 GALOS  
Inst : GC/MS 209  
Multiplr: 1.00

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

\*\*\*\*\*  
Peak Number 12 Ethanedioic acid, bis(trimethy Concentration Rank 9

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 34.37 | 1.60 ug/l | 482977 | Chrysene-d12     | 33.02 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm     | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | Ethanedioic acid, bis(trimethylsilyl | 234 | C8H18O4Si2  | 018294-04-7 | 32   |
| 2    |    |   | 3-Isopropoxy-1,1,1,7,7,7-hexamethyl  | 576 | C18H52O7Si7 | 071579-69-6 | 25   |
| 3    |    |   | 9,12,15-Octadecatrienoic acid, 2,3-  | 496 | C27H52O4Si2 | 055521-22-7 | 23   |
| 4    |    |   | 2-Hexenedioic acid, bis(trimethylsi  | 288 | C12H24O4Si2 | 055494-10-5 | 23   |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30426.D  
 Acq On : 28 Dec 2001 11:28 am  
 Sample : GC/MS SCAN 12/13  
 Misc :  
 MS Integration Params: LSCINT.P

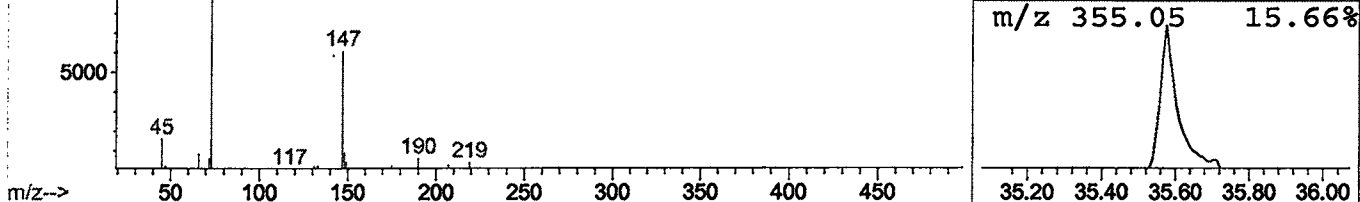
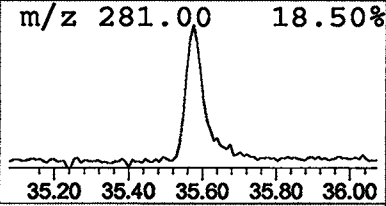
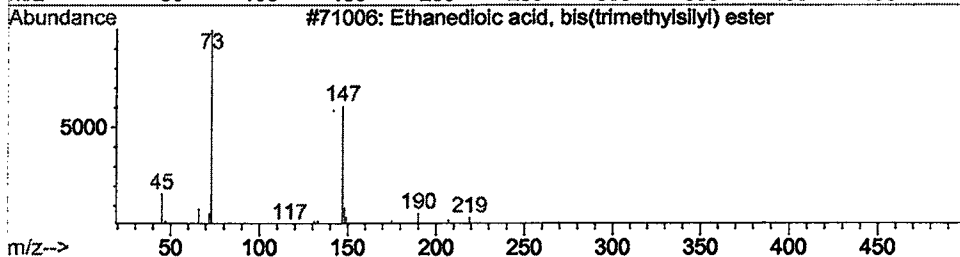
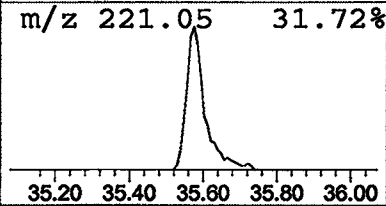
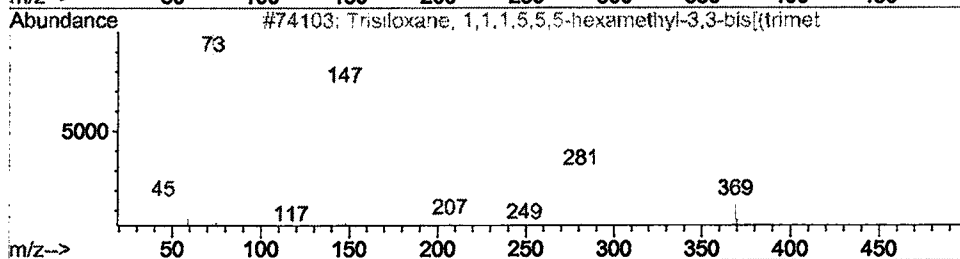
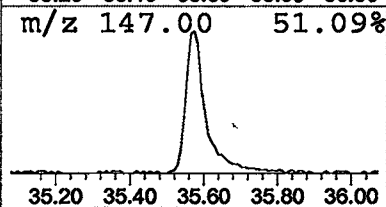
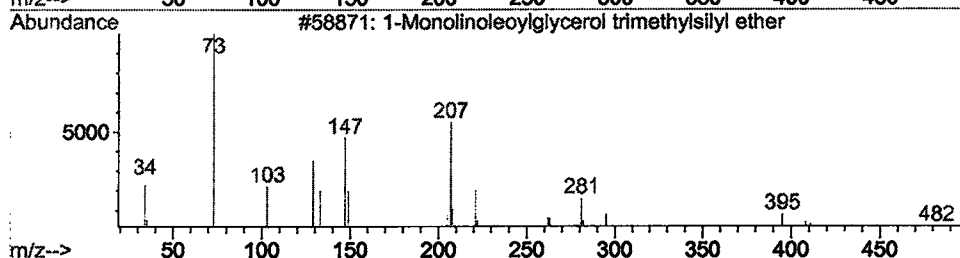
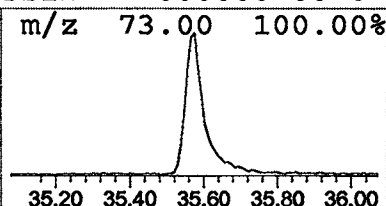
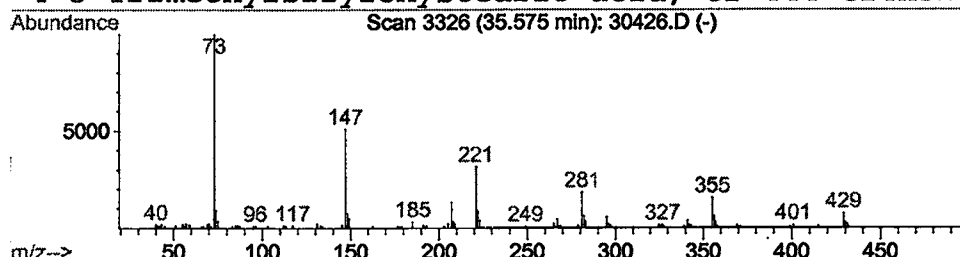
Vial: 23  
 Operator: 209 GALOS  
 Inst : GC/MS 209  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 13 1-Monolinoleoylglycerol trimet Concentration Rank 10

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 35.57 | 1.49 ug/l | 315476 | Perylene-d12     | 37.12 |

| Hit# | of | Tentative ID                         | MW  | MolForm     | CAS#        | Qual |
|------|----|--------------------------------------|-----|-------------|-------------|------|
| 1    | 5  | 1-Monolinoleoylglycerol trimethylsi  | 498 | C27H54O4Si2 | 054284-45-6 | 45   |
| 2    |    | Trisiloxane, 1,1,1,5,5,5-hexamethyl  | 384 | C12H36O4Si5 | 003555-47-3 | 38   |
| 3    |    | Ethanedioic acid, bis(trimethylsilyl | 234 | C8H18O4Si2  | 018294-04-7 | 38   |
| 4    |    | 3-Trimethylsilyloxystearic acid, tr  | 444 | C24H52O3Si2 | 000000-00-0 | 23   |



## Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30426.D  
Acq On : 28 Dec 2001 11:28 am  
Sample : GC/MS SCAN 12/13  
Misc :  
MS Integration Params: LSCINT.P

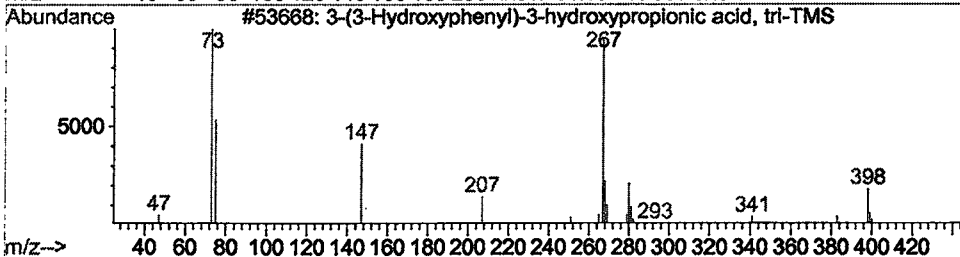
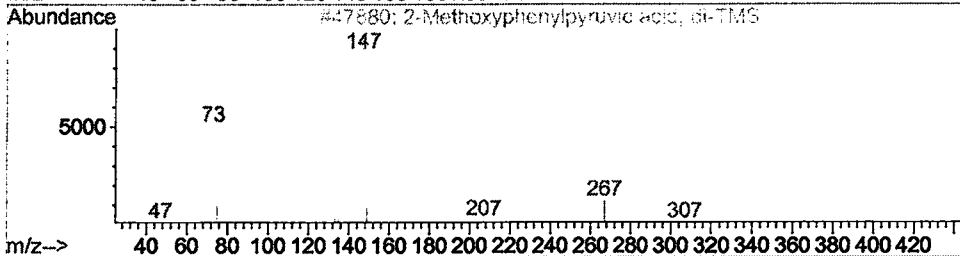
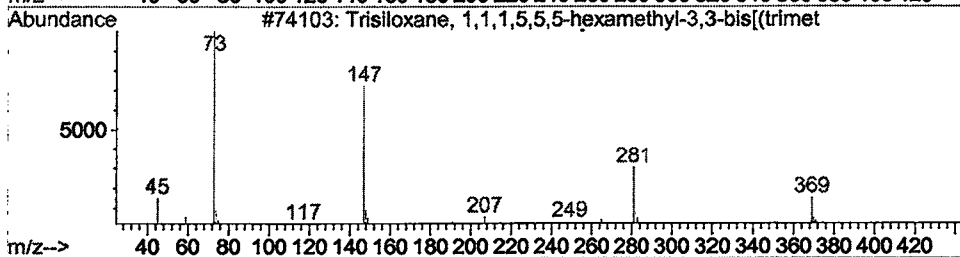
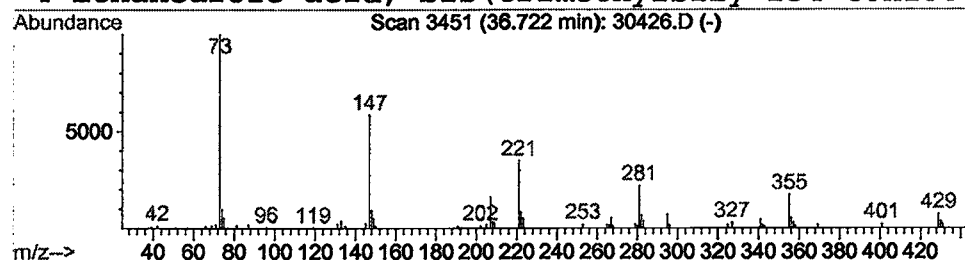
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Operator: 209 GALOS  
Inst : GC/MS 209  
Multiplr: 1.00

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

\*\*\*\*\*  
Peak Number 14 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 13

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 36.72 | 0.76 ug/l | 161734 | Perylene-d12     | 37.12 |

| 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    |    |   | 2-Methoxyphenylpyruvic acid, di-TMS  | 338 | C16H26O4Si2 | 000000-00-0 | 35   |
| 3    |    |   | 3-(3-Hydroxyphenyl)-3-hydroxypropio  | 398 | C18H34O4Si3 | 000000-00-0 | 32   |
| 4    |    |   | Ethanedioic acid, bis(trimethylsilyl | 234 | C8H18O4Si2  | 018294-04-7 | 25   |



## Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30426.D  
Acq On : 28 Dec 2001 11:28 am  
Sample : GC/MS SCAN 12/13  
Misc :  
MS Integration Params: LSCINT.P

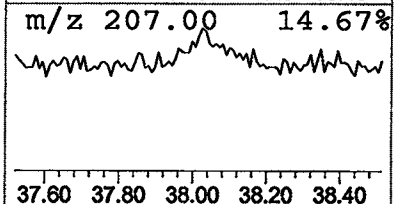
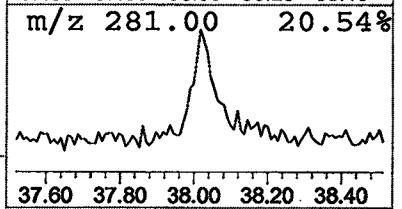
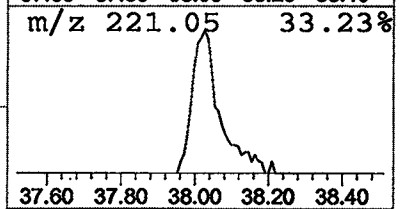
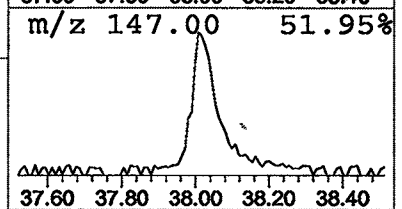
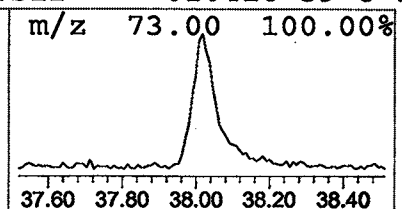
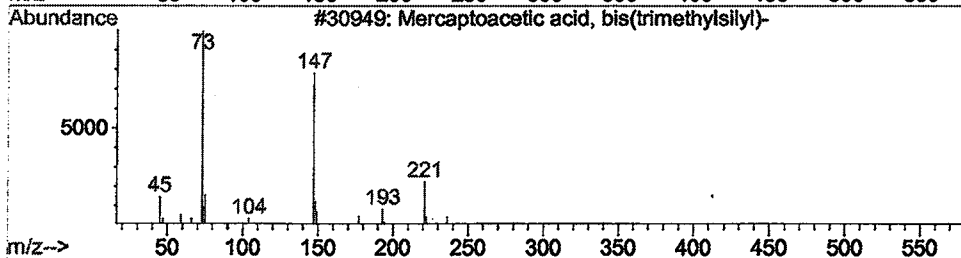
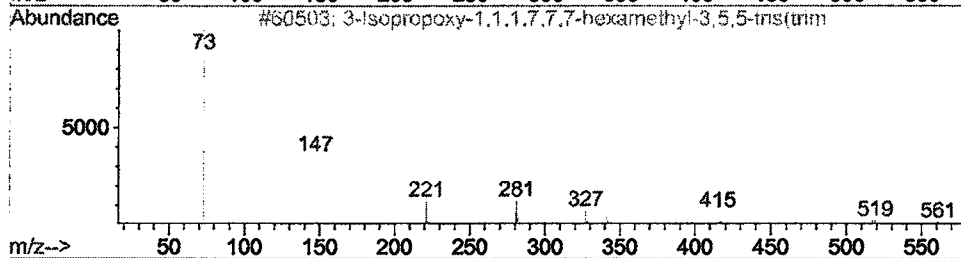
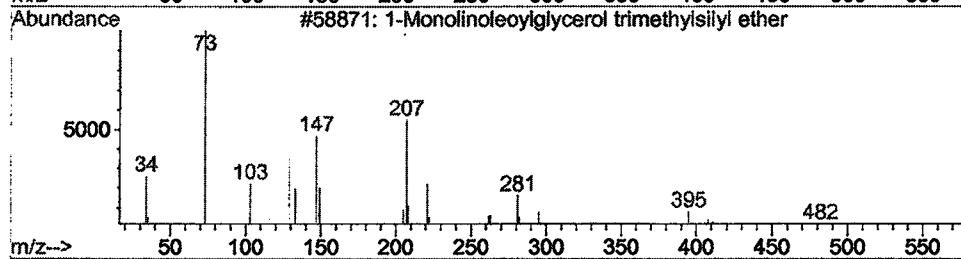
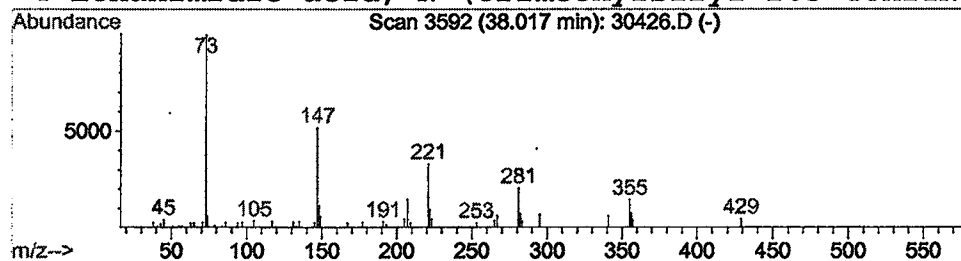
Vial: 23  
Operator: 209 GALOS  
Inst : GC/MS 209  
Multiplr: 1.00

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

\*\*\*\*\*  
Peak Number 15 1-Monolinoleoylglycerol trimet Concentration Rank 15

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 38.02 | 0.49 ug/l | 103388 | Perylene-d12     | 37.12 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|------|-------------------------------------|-----|-------------|-------------|------|
| 1    |      | 1-Monolinoleoylglycerol trimethylsi | 498 | C27H54O4Si2 | 054284-45-6 | 38   |
| 2    |      | 3-Isopropoxy-1,1,1,7,7,7-hexamethyl | 576 | C18H52O7Si7 | 071579-69-6 | 28   |
| 3    |      | Mercaptoacetic acid, bis(trimethyls | 236 | C8H20O2SSi2 | 006398-62-5 | 17   |
| 4    |      | Ethanimidic acid, N-(trimethylsilyl | 203 | C8H21NOSi2  | 010416-59-8 | 12   |



## Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 28 Dec 2001 11:28 am  
 Data File: C:\HPCHEM\1\DATA\DEC2701\30426.D  
 Name: GC/MS SCAN 12/13  
 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- | 7.61  | 4.5 ug/l      | 1480910 | ISTD01 | 11.68 | 6639580 | 20.0   |
| Cyclotetrasiloxane,  | 11.13 | 0.5 ug/l      | 174510  | ISTD01 | 11.68 | 6639580 | 20.0   |
| Cyclopentasiloxane,  | 14.30 | 2.2 ug/l      | 929424  | ISTD02 | 15.28 | 8359550 | 20.0   |
| 1,1,1,5,7,7,7-Heptam | 17.45 | 4.5 ug/l      | 1870660 | ISTD02 | 15.28 | 8359550 | 20.0   |
| Trisiloxane, 1,1,1,5 | 20.27 | 3.5 ug/l      | 1614360 | ISTD03 | 20.56 | 9309610 | 20.0   |
| Benzeneethanamine, N | 22.79 | 2.7 ug/l      | 1344980 | ISTD04 | 24.98 | 9944590 | 20.0   |
| Trisiloxane, 1,1,1,5 | 26.89 | 1.7 ug/l      | 869295  | ISTD04 | 24.98 | 9944590 | 20.0   |
| 1-Monolinoleoylglyce | 28.65 | 1.5 ug/l      | 734867  | ISTD04 | 24.98 | 9944590 | 20.0   |
| 1-Monolinoleoylglyce | 30.25 | 2.3 ug/l      | 694473  | ISTD05 | 33.02 | 6041610 | 20.0   |
| 1-Monolinoleoylglyce | 31.72 | 2.1 ug/l      | 628540  | ISTD05 | 33.02 | 6041610 | 20.0   |
| 1-Butanol, 2-ethyl-  | 32.73 | 0.9 ug/l      | 274017  | ISTD05 | 33.02 | 6041610 | 20.0   |
| Ethanedioic acid, bi | 34.37 | 1.6 ug/l      | 482977  | ISTD05 | 33.02 | 6041610 | 20.0   |
| 1-Monolinoleoylglyce | 35.57 | 1.5 ug/l      | 315476  | ISTD06 | 37.12 | 4231910 | 20.0   |
| Trisiloxane, 1,1,1,5 | 36.72 | 0.8 ug/l      | 161734  | ISTD06 | 37.12 | 4231910 | 20.0   |
| 1-Monolinoleoylglyce | 38.02 | 0.5 ug/l      | 103388  | ISTD06 | 37.12 | 4231910 | 20.0   |

30426.D GCMS1126.M Wed Jan 02 11:08:43 2002