

User: Vinci, David L  
Westchester Dept. of Labs & Research  
Date: 01/22/2002 Time: 12:07:05

Sample: AD30602  
Analysis: \$GCMS GCMS Scan For Unknowns  
Units: ug  
Started: 1/22/02 12:06 Ended: 1/22/02 12:06 Analyst: DLV  
Page: 1

|   | Component Name          | Viol | Result | Qualifier | MDL |
|---|-------------------------|------|--------|-----------|-----|
| 1 | Other unknown compounds |      | .      |           |     |
| 2 | Surr_2,4-DDD            |      | 74     |           | 5.0 |

**Comments for Sample AD30602 - Analysis \$GCMS**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 01-22-2002 Time: 12:07:26

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\30602.D

Vial: 30

Acq On : 28 Dec 2001 6:18 pm

Operator: 209 GALOS

Sample : GC/MS SCAN 12/17

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Dec 31 14:09 2001

Quant Results File: GCMS1126.RES

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

Title : 209 625/TCLP calibration table

Last Update : Fri Dec 28 15:11:00 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  | 1114759  | 20.00 | ug/l  | -0.02     |
| 10) Naphthalene-d8        | 15.28 | 136  | 4287612  | 20.00 | ug/l  | -0.02     |
| 17) Acenaphthene-d10      | 20.56 | 164  | 2130486  | 20.00 | ug/l  | -0.01     |
| 29) Phenanthrene-d10      | 24.99 | 188  | 3150639m | 20.00 | ug/l  | 0.00      |
| 38) Chrysene-d12          | 33.02 | 240  | 1934453  | 20.00 | ug/l  | -0.01     |
| 44) Perylene-d12          | 37.12 | 264  | 1102096  | 20.00 | ug/l  | 0.00      |

## System Monitoring Compounds

|               |       |     |          |      |        |      |
|---------------|-------|-----|----------|------|--------|------|
| 37) 2,4-DDD   | 30.06 | 235 | 128337   | 3.71 | ug/mL  | 0.00 |
| Spiked Amount | 5.000 |     | Recovery | =    | 74.20% |      |

## Target Compounds

|                                 |       |     |      |      | Qvalue |
|---------------------------------|-------|-----|------|------|--------|
| 2) N-nitroso-dimethyl amine     | 5.22  | 74  | 325  | 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                | 13.46 | 77  | 176  | N.D. |        |
| 12) Isophorone                  | 0.00  | 82  | 0    | 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 | 1449 | 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           | 20.28 | 163 | 596  | N.D. |        |
| 21) 2,6-Dinitrotoluene          | 20.28 | 165 | 129  | N.D. |        |
| 22) Acenaphthylene              | 0.00  | 152 | 0    | N.D. |        |
| 23) Acenaphthene                | 0.00  | 153 | 0    | N.D. |        |
| 24) 2,4-Dinitrotoluene          | 21.32 | 165 | 221  | N.D. |        |
| 25) Diethylphthalate            | 22.13 | 149 | 1521 | 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

30602.D GCMS1126.M Mon Dec 31 14:09:23 2001

Page 1

## Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2701\30602.D

Vial: 30

Acq On : 28 Dec 2001 6:18 pm

Operator: 209 GALOS

Sample : GC/MS SCAN 12/17

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Dec 31 14:09 2001

Quant Results File: GCMS1126.RES

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

Title : 209 625/TCLP calibration table

Last Update : Fri Dec 28 15:11:00 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               | 24.99 | 178  | 1696     | N.D. |      |        |
| 34) Anthracene                 | 24.99 | 178  | 1696     | N.D. |      |        |
| 35) Di-n-butylphthalate        | 27.02 | 149  | 24401    | N.D. |      |        |
| 36) Fluoranthene               | 0.00  | 202  | 0        | N.D. |      |        |
| 39) Pyrene                     | 0.00  | 202  | 0        | N.D. |      |        |
| 40) Butylbenzylphthalate       | 31.71 | 149  | 2003     | N.D. |      |        |
| 41) Benzo(a)anthracene         | 33.02 | 228  | 4976     | N.D. |      |        |
| 42) Bis(2-ethylhexyl)phthalate | 33.31 | 149  | 5972     | N.D. |      |        |
| 43) Chrysene                   | 33.02 | 228  | 4976     | N.D. |      |        |
| 45) Di-n-Octylphthalate        | 0.00  | 149  | 0        | N.D. |      |        |
| 46) Benzo(b)fluoranthene       | 0.00  | 252  | 0        | N.D. |      |        |
| 47) Benzo(k)fluoranthene       | 0.00  | 252  | 0        | N.D. |      |        |
| 48) Benzo(a)pyrene             | 37.12 | 252  | 4596     | 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

30602.D GCMS1126.M

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Page 2

## Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30602.D

Acq On : 28 Dec 2001 6:18 pm

Sample : GC/MS SCAN 12/17

Misc :

MS Integration Params: GOOFY.P

Quant Time: Dec 31 14:09 2001

Vial: 30

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

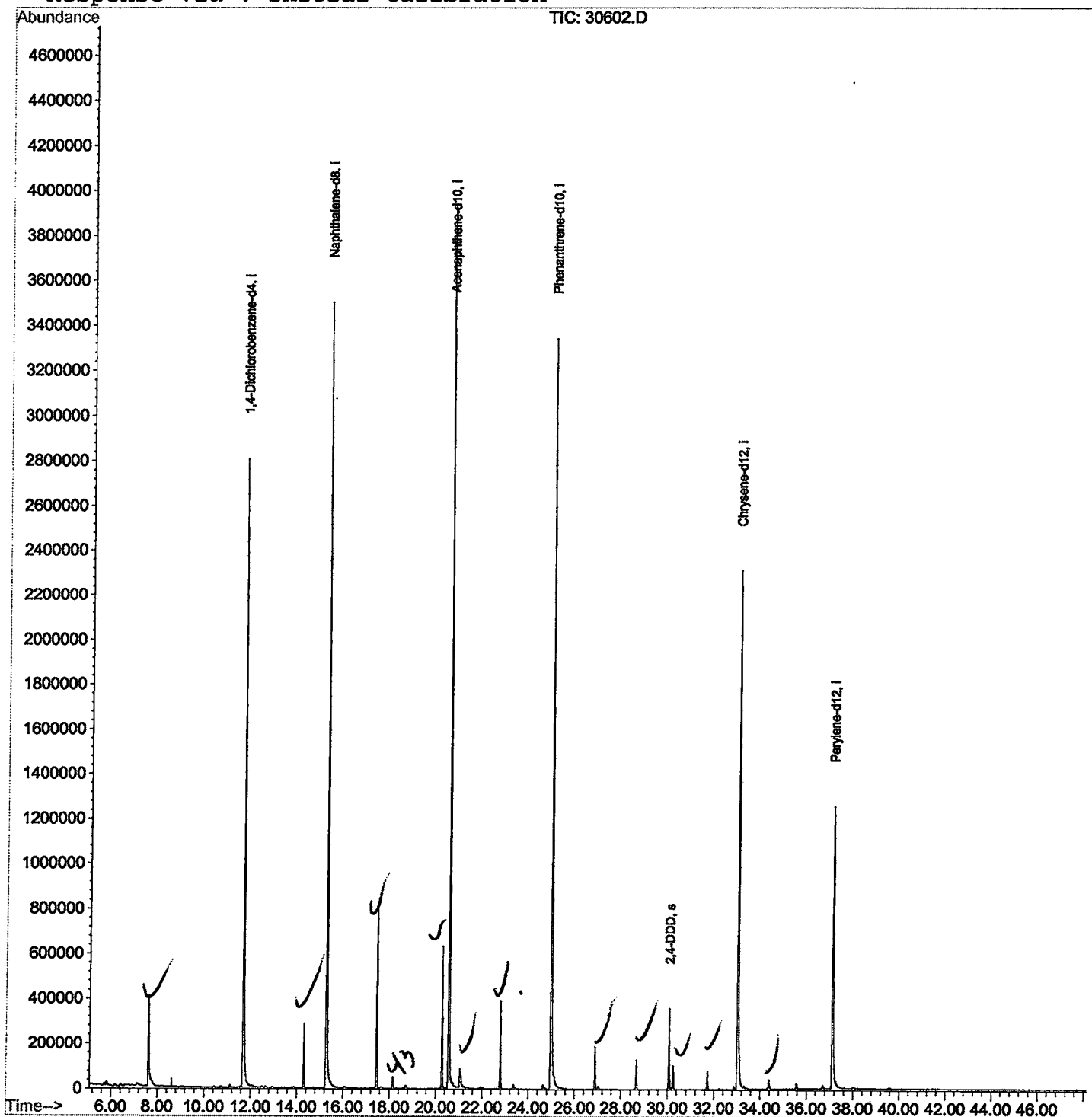
Quant Results File: GCMS1126.RES

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 : M:\INSTRU~1\209\DATA\DEC2701\30602.D  
 Acq On : 28 Dec 2001 6:18 pm  
 Sample : GC/MS SCAN 12/17  
 Misc :  
 MS Integration Params: LSCINT.P

Vial: 30  
 Operator: 209 GALOS  
 Inst : GC/MS 209  
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS0103.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 # | R.T. min | first scan | max scan | last scan | PK TY | peak height | peak area | peak % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|-----------|-------------|------------|
| 1      | 7.619    | 275        | 280      | 293       | rBV   | 401802      | 1105204   | 11.64%      | 2.091%     |
| 2      | 11.677   | 717        | 722      | 754       | rBV   | 2802002     | 6931593   | 73.03%      | 13.117%    |
| 3      | 14.311   | 1000       | 1009     | 1016      | rBV   | 284524      | 619244    | 6.52%       | 1.172%     |
| 4      | 15.285   | 1109       | 1115     | 1134      | rBV   | 3498727     | 8582104   | 90.42%      | 16.241%    |
| 5      | 17.451   | 1345       | 1351     | 1361      | rBV   | 814267      | 1698018   | 17.89%      | 3.213%     |
| 6      | 18.158   | 1423       | 1428     | 1436      | rBV   | 52275       | 112722    | 1.19%       | 0.213%     |
| 7      | 20.279   | 1652       | 1659     | 1668      | rBV   | 631385      | 1347748   | 14.20%      | 2.550%     |
| 8      | 20.563   | 1683       | 1690     | 1707      | rBV   | 3937706     | 9201623   | 96.95%      | 17.413%    |
| 9      | 21.041   | 1738       | 1742     | 1760      | rBV2  | 82808       | 390156    | 4.11%       | 0.738%     |
| 10     | 22.785   | 1927       | 1932     | 1946      | rBV   | 389109      | 865300    | 9.12%       | 1.637%     |
| 11     | 24.988   | 2162       | 2172     | 2209      | rBV2  | 3342286     | 9491061   | 100.00%     | 17.961%    |
| 12     | 26.888   | 2369       | 2379     | 2387      | rBV   | 184496      | 390042    | 4.11%       | 0.738%     |
| 13     | 28.651   | 2565       | 2571     | 2581      | rBV   | 130731      | 287244    | 3.03%       | 0.544%     |
| 14     | 30.065   | 2719       | 2725     | 2736      | rBV   | 357881      | 788549    | 8.31%       | 1.492%     |
| 15     | 30.248   | 2739       | 2745     | 2758      | rVB2  | 105372      | 252021    | 2.66%       | 0.477%     |
| 16     | 31.717   | 2900       | 2905     | 2916      | rVB   | 81833       | 198873    | 2.10%       | 0.376%     |
| 17     | 33.021   | 3040       | 3047     | 3074      | rBV2  | 2307709     | 6370048   | 67.12%      | 12.055%    |
| 18     | 34.370   | 3188       | 3194     | 3204      | rBV   | 41900       | 128290    | 1.35%       | 0.243%     |
| 19     | 37.115   | 3486       | 3493     | 3519      | rBV2  | 1251988     | 4083015   | 43.02%      | 7.727%     |

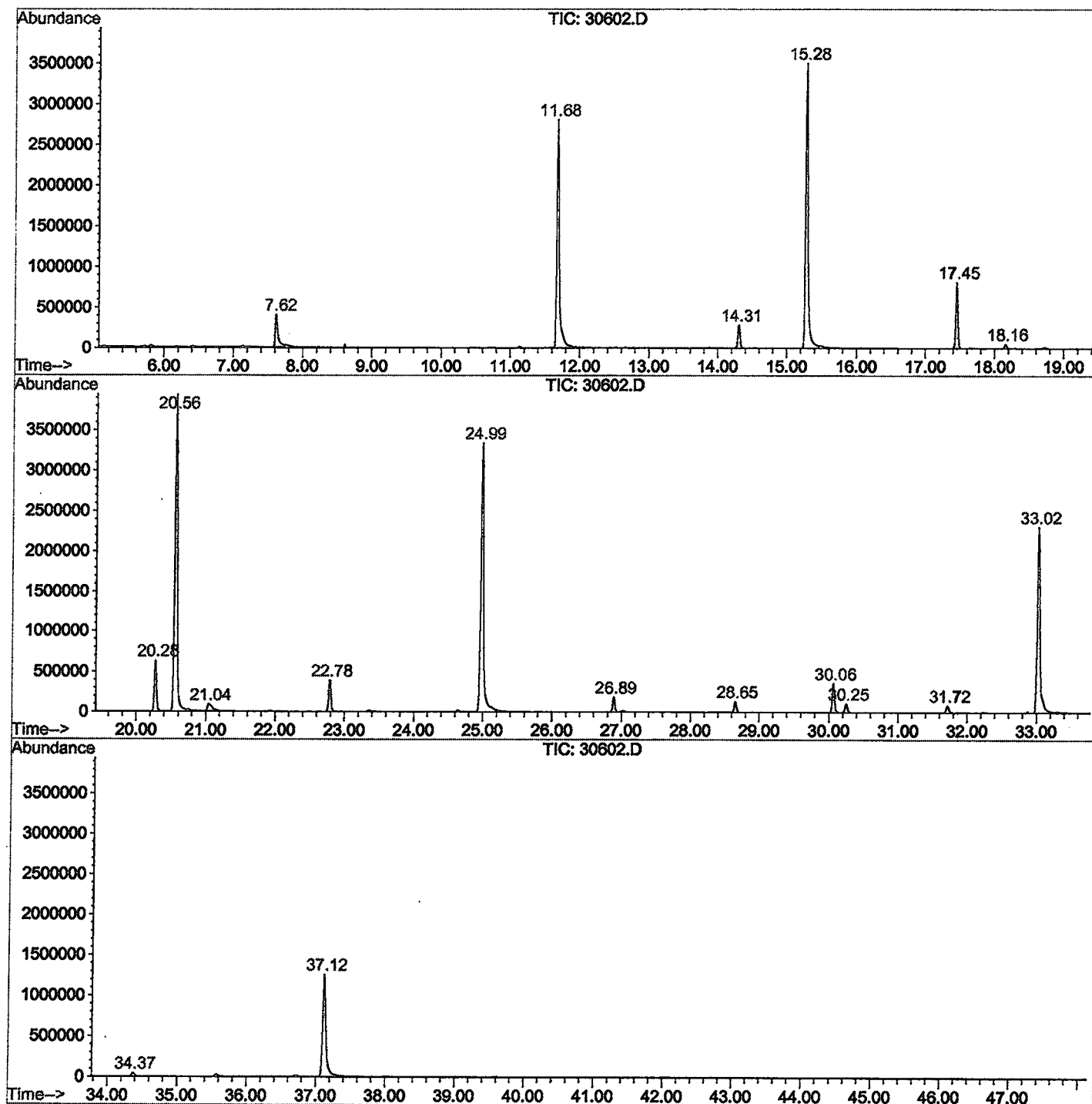
Sum of corrected areas: 52842855

30602.D GCMS0103.M

Thu Jan 10 15:44:41 2002

# LSC Report - Integrated Chromatogram

File : M:\INSTRU~1\209\DATA\DEC2701\30602.D  
 Operator : 209 GALOS  
 Acquired : 28 Dec 2001 6:18 pm using AcqMethod GCMS1126  
 Instrument : GC/MS 209  
 Sample Name: GC/MS SCAN 12/17  
 Misc Info :  
 Vial Number: 30  
 Quant File :GCMS1126.RES (RTE Integrator)



30602.D GCMS0103.M

Thu Jan 10 15:44:47 2002

## Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\30602.D  
Acq On : 28 Dec 2001 6:18 pm  
Sample : GC/MS SCAN 12/17  
Misc :  
MS Integration Params: LSCINT.P

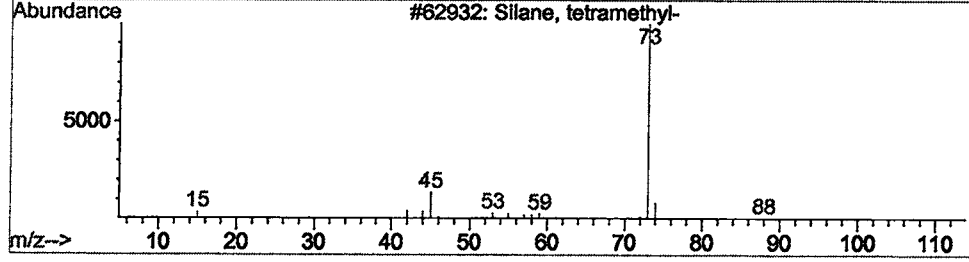
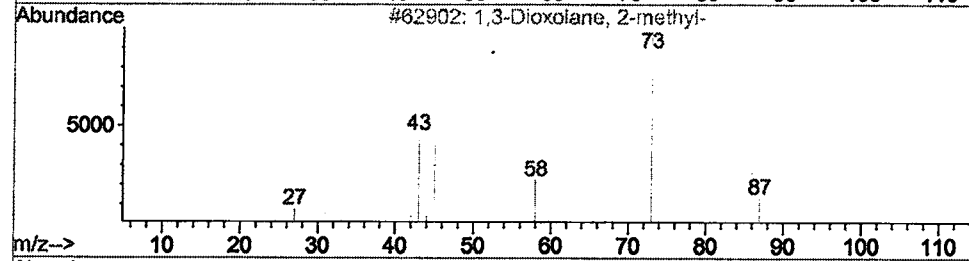
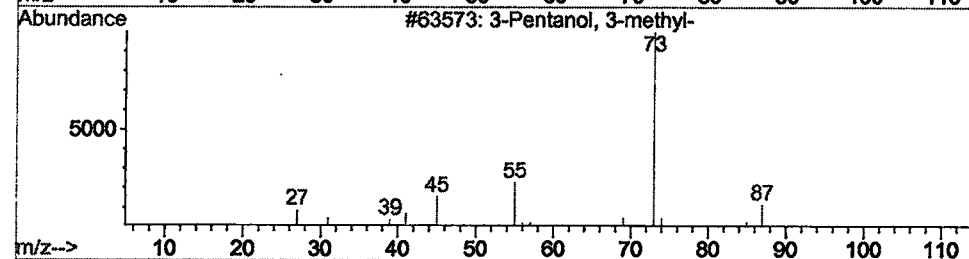
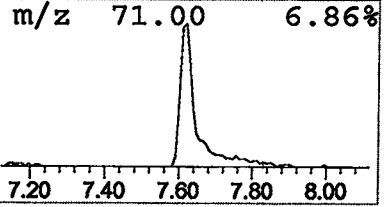
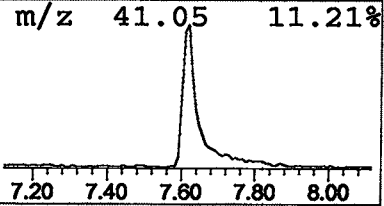
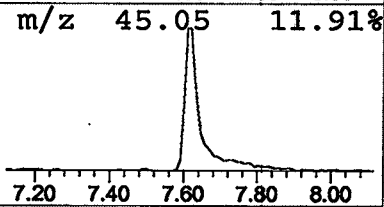
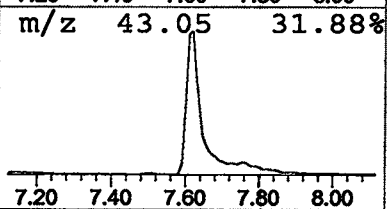
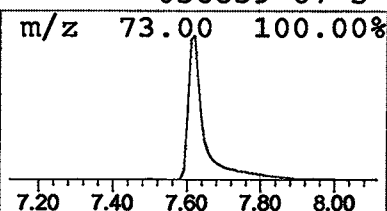
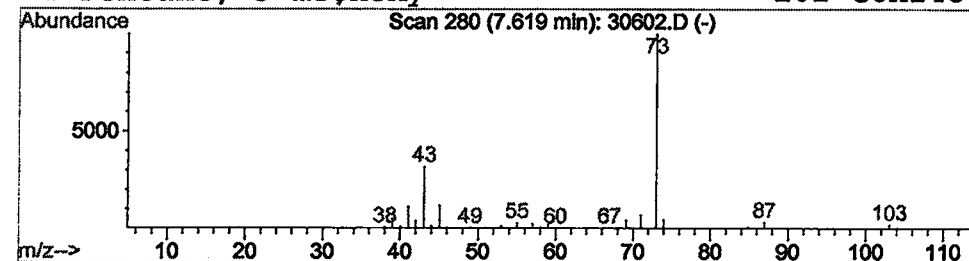
Vial: 30  
Operator: 209 GALOS  
Inst : GC/MS 209  
Multiplr: 1.00

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

\*\*\*\*\*  
Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 2

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T.  |
|------|-----------|---------|------------------------|-------|
| 7.62 | 3.19 ug/l | 1105200 | 1,4-Dichlorobenzene-d4 | 11.68 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | 3-Pentanol, 3-methyl-    | 102 | C6H14O  | 000077-74-7 | 36   |
| 2    |    |   | 1,3-Dioxolane, 2-methyl- | 88  | C4H8O2  | 000497-26-7 | 9    |
| 3    |    |   | Silane, tetramethyl-     | 88  | C4H12Si | 000075-76-3 | 9    |
| 4    |    |   | Pentane, 3-methoxy-      | 102 | C6H14O  | 036839-67-5 | 9    |



# Library Search Compound Report

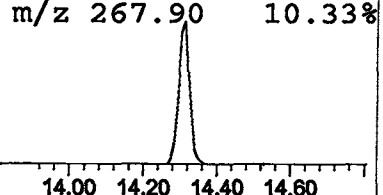
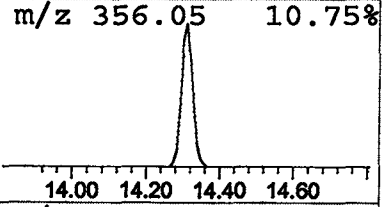
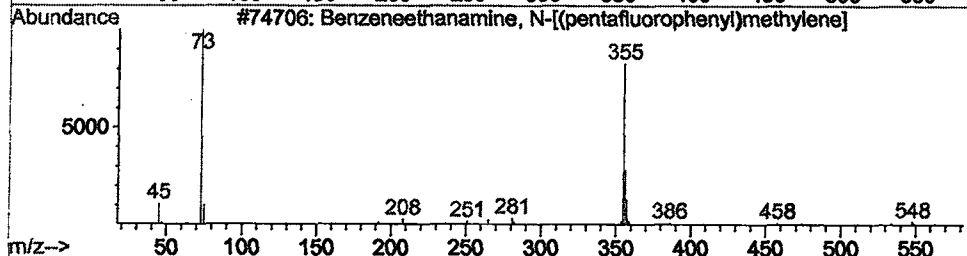
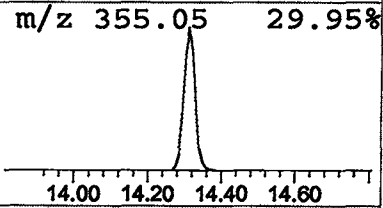
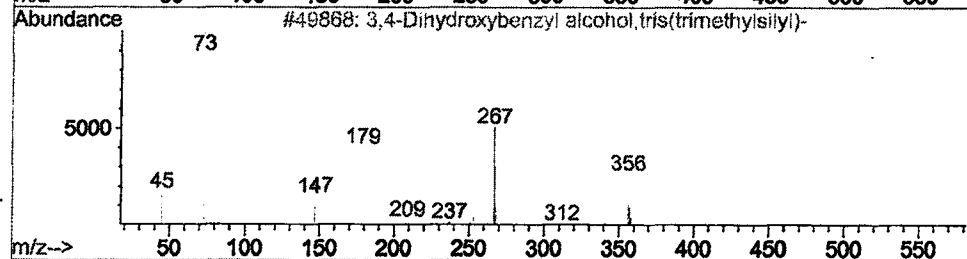
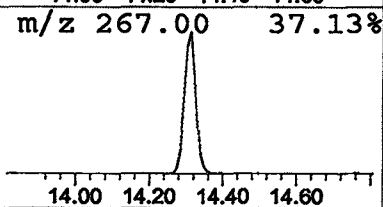
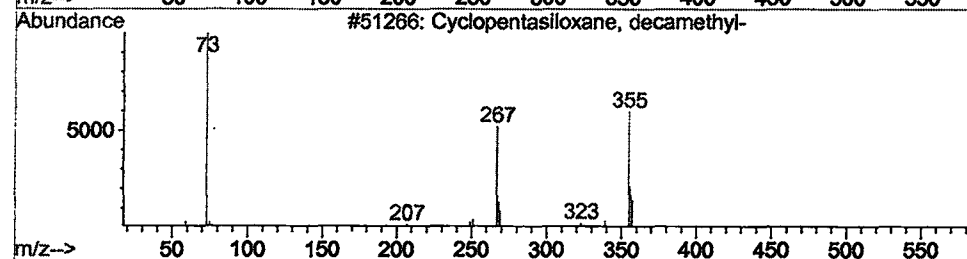
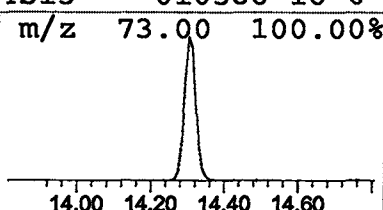
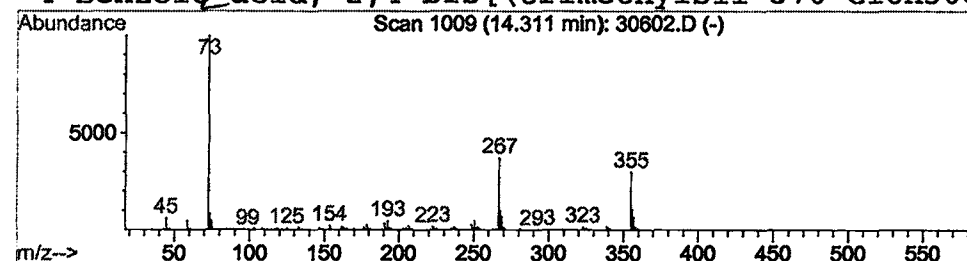
Data File : M:\INSTRU~1\209\DATA\DEC2701\30602.D  
 Acq On : 28 Dec 2001 6:18 pm  
 Sample : GC/MS SCAN 12/17  
 Misc :  
 MS Integration Params: LSCINT.P

Vial: 30  
 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 Cyclopentasiloxane, decamethyl Concentration Rank 5

| R.T.      | EstConc                              | Area   | Relative to ISTD | R.T.        |      |
|-----------|--------------------------------------|--------|------------------|-------------|------|
| 14.31     | 1.44 ug/l                            | 619244 | Naphthalene-d8   | 15.28       |      |
| Hit# of 5 | Tentative ID                         | MW     | MolForm          | CAS#        | Qual |
| 1         | Cyclopentasiloxane, decamethyl-      | 370    | C10H30O5Si5      | 000541-02-6 | 53   |
| 2         | 3,4-Dihydroxybenzyl alcohol, tris(tr | 356    | C16H32O3Si3      | 068595-79-9 | 38   |
| 3         | Benzeneethanamine, N-[(pentafluorop  | 563    | C24H34F5NO3Si3   | 055429-13-5 | 37   |
| 4         | Benzoic acid, 2,4-bis[(trimethylsil  | 370    | C16H30O4Si3      | 010586-16-0 | 37   |



# Library Search Compound Report

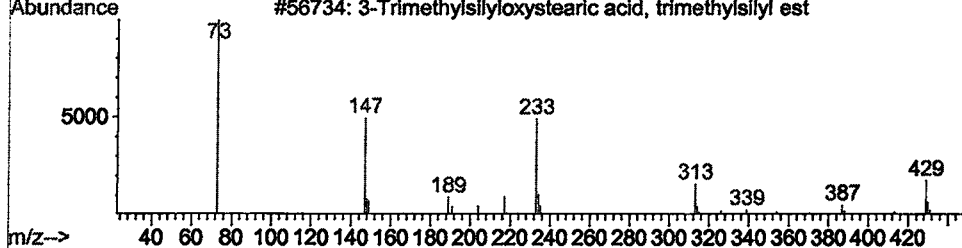
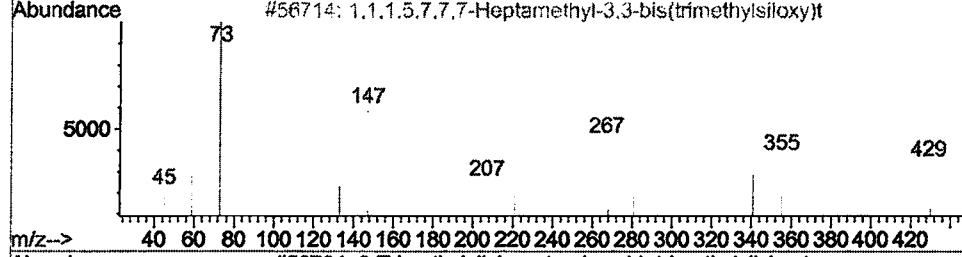
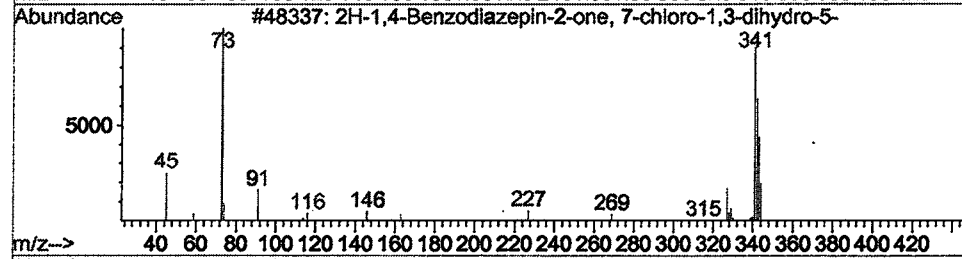
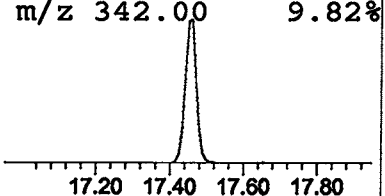
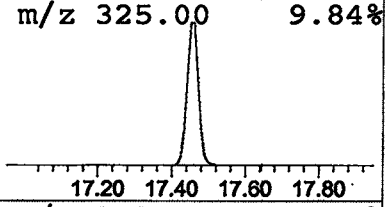
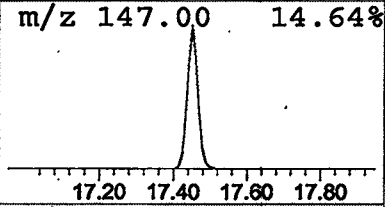
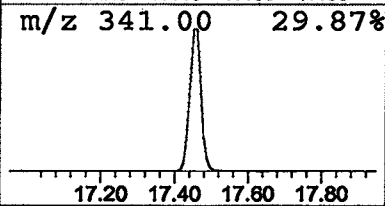
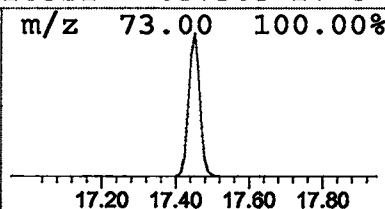
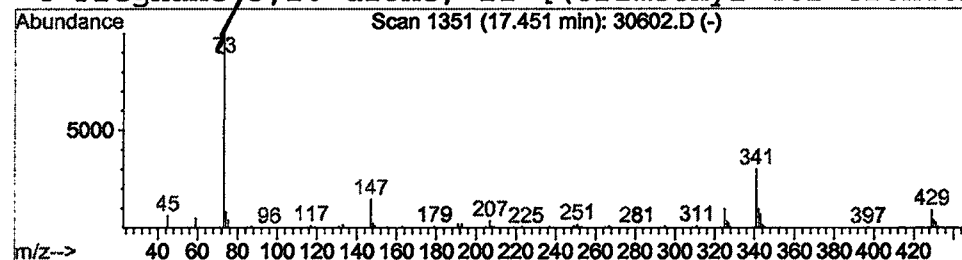
Data File : M:\INSTRU~1\209\DATA\DEC2701\30602.D  
 Acq On : 28 Dec 2001 6:18 pm  
 Sample : GC/MS SCAN 12/17  
 Misc :  
 MS Integration Params: LSCINT.P

Vial: 30  
 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 2H-1,4-Benzodiazepin-2-one, 7- Concentration Rank 1

| R.T.    | EstConc   | Area                                | Relative to ISTD | R.T.          |             |      |
|---------|-----------|-------------------------------------|------------------|---------------|-------------|------|
| 17.45   | 3.96 ug/l | 1698020                             | Naphthalene-d8   | 15.28         |             |      |
| Hit# of | 5         | Tentative ID                        | MW               | MolForm       | CAS#        | Qual |
| 1       |           | 2H-1,4-Benzodiazepin-2-one, 7-chlor | 342              | C18H19ClN2OSi | 055299-24-6 | 22   |
| 2       |           | 1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t | 444              | C13H40O5Si6   | 038147-00-1 | 16   |
| 3       |           | 3-Trimethylsilyloxystearic acid, tr | 444              | C24H52O3Si2   | 000000-00-0 | 9    |
| 4       |           | Pregnane-3,20-dione, 11-[(trimethyl | 462              | C26H46N2O3Si  | 057305-27-8 | 9    |



## Library Search Compound Report

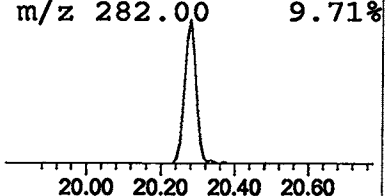
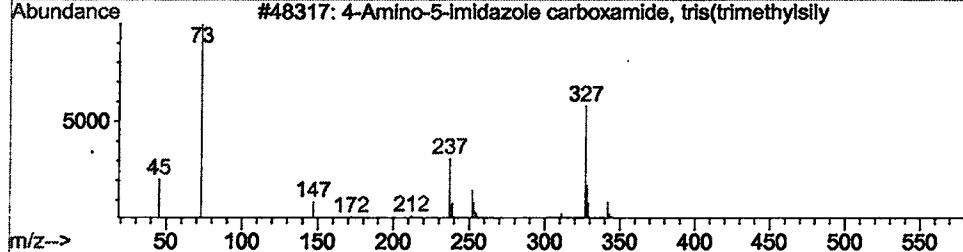
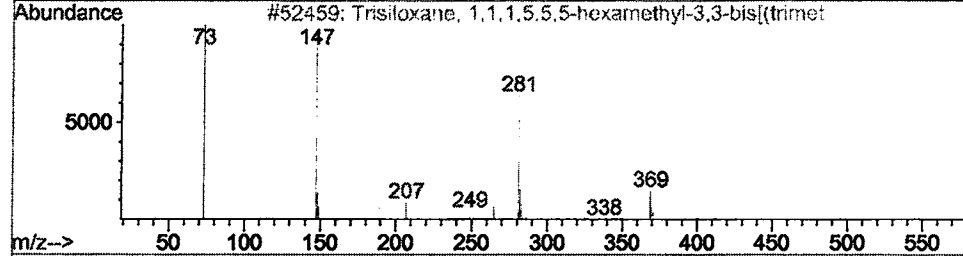
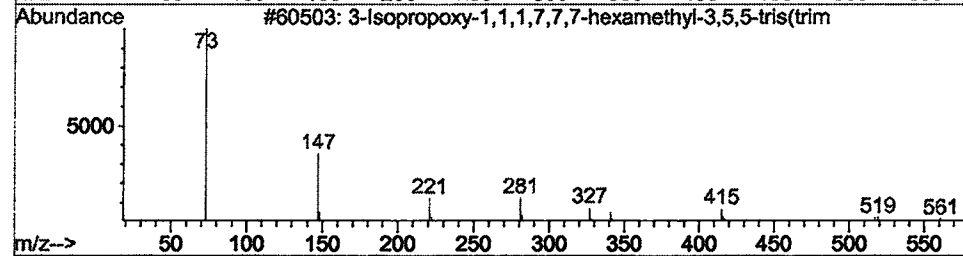
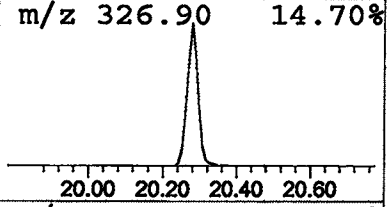
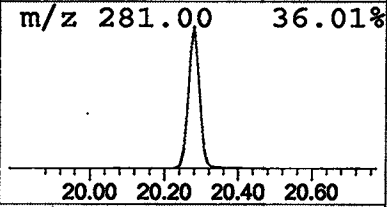
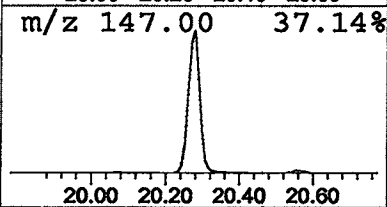
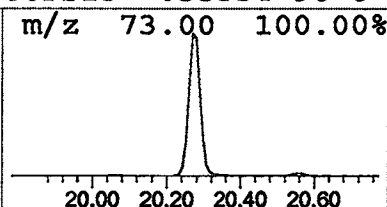
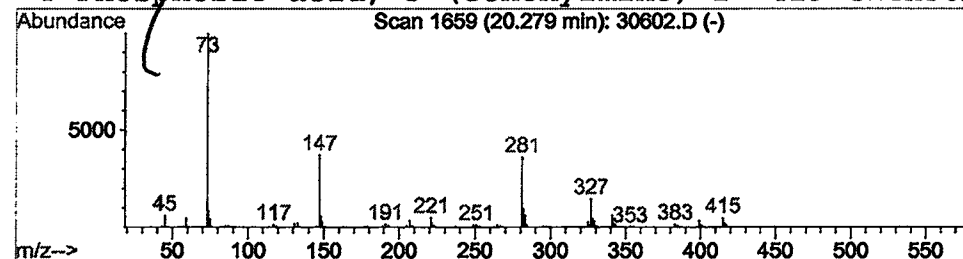
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Sample : GC/MS SCAN 12/17  
Misc :  
MS Integration Params: LSCINT.P

Vial: 30  
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 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 3

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-------------|------|
| 20.28     | 2.93 ug/l                           | 1347750 | Acenaphthene-d10 | 20.56       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#        | Qual |
| 1         | 3-Isopropoxy-1,1,1,7,7,7-hexamethyl | 576     | C18H52O7Si7      | 071579-69-6 | 42   |
| 2         | Trisiloxane, 1,1,1,5,5,5-hexamethyl | 384     | C12H36O4Si5      | 003555-47-3 | 38   |
| 3         | 4-Amino-5-imidazole carboxamide, tr | 342     | C13H30N4OSi3     | 000000-00-0 | 12   |
| 4         | Phosphoric acid, 3-(ethoxyimino)-2- | 429     | C14H36NO6PSi3    | 055334-96-8 | 10   |



## Library Search Compound Report

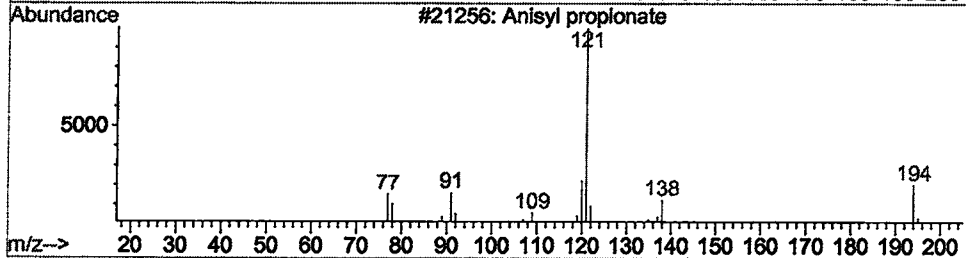
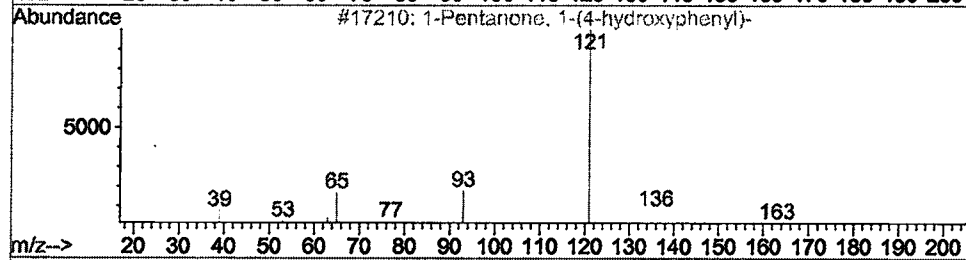
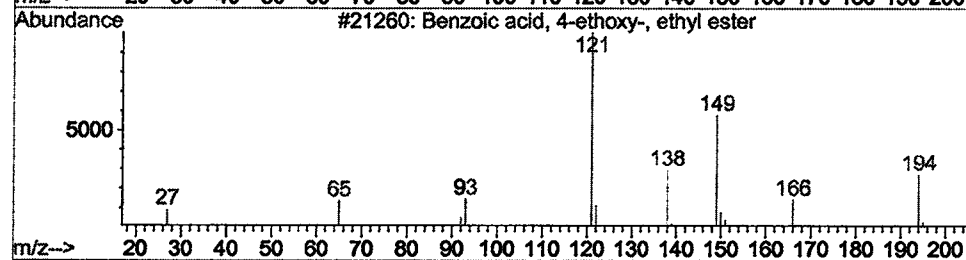
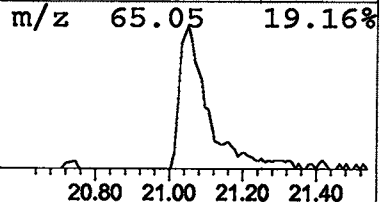
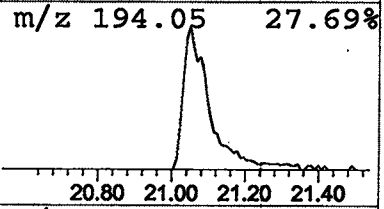
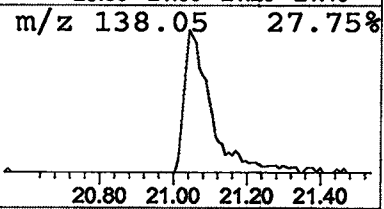
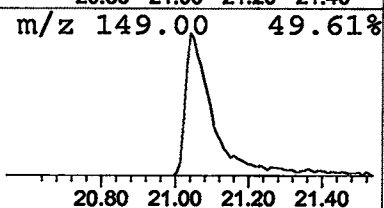
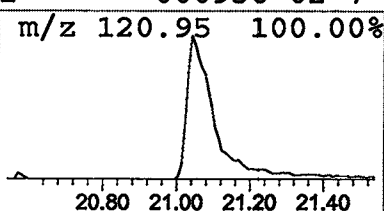
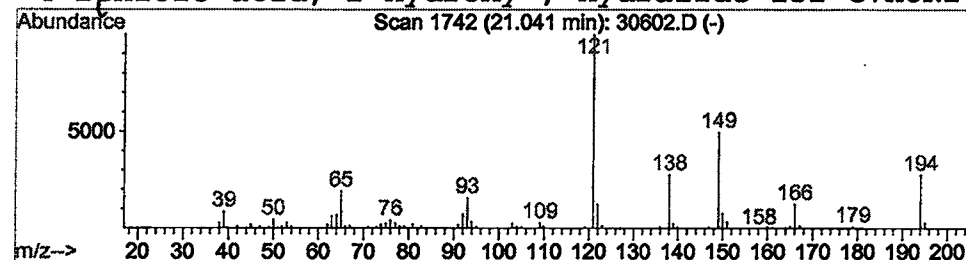
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Sample : GC/MS SCAN 12/17  
Misc :  
MS Integration Params: LSCINT.P

Vial: 30  
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 Benzoic acid, 4-ethoxy-, ethyl Concentration Rank 6

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 21.04     | 0.85 ug/l                           | 390156 | Acenaphthene-d10 | 20.56       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Benzoic acid, 4-ethoxy-, ethyl este | 194    | C11H14O3         | 023676-09-7 | 97   |
| 2         | 1-Pentanone, 1-(4-hydroxyphenyl)-   | 178    | C11H14O2         | 002589-71-1 | 43   |
| 3         | Anisyl propionate                   | 194    | C11H14O3         | 007549-33-9 | 43   |
| 4         | Benzoic acid, 2-hydroxy-, hydrazide | 152    | C7H8N2O2         | 000936-02-7 | 43   |



## Library Search Compound Report

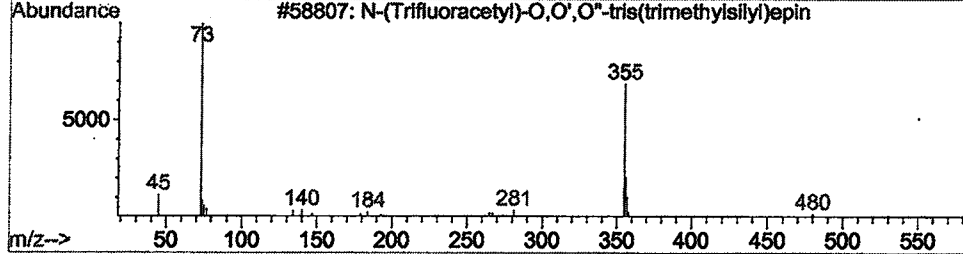
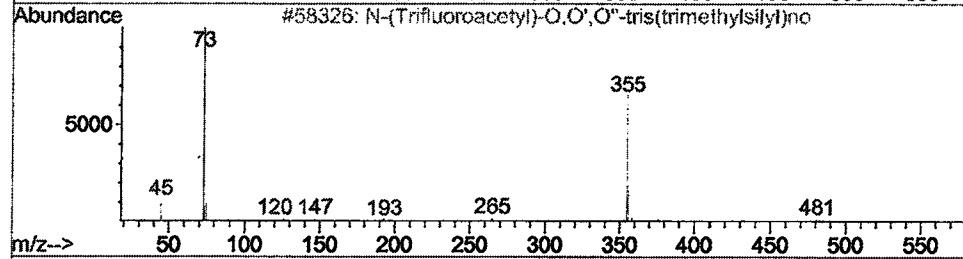
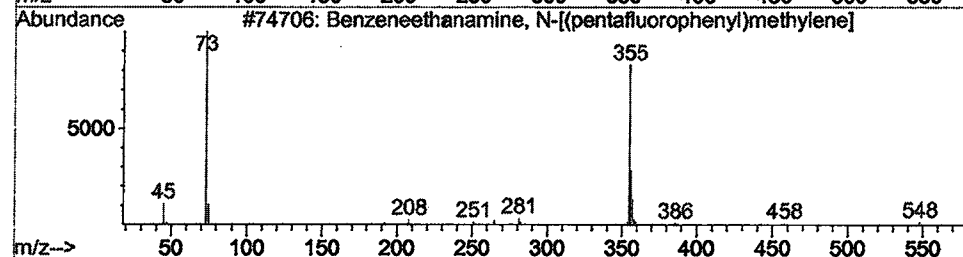
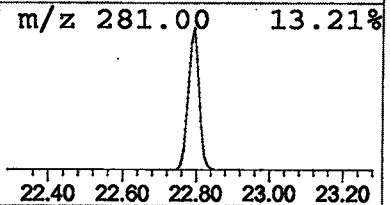
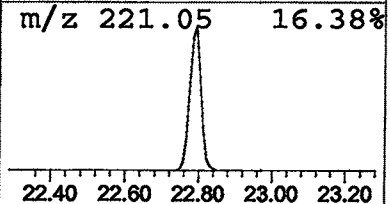
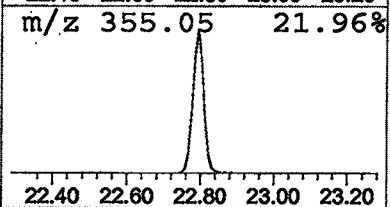
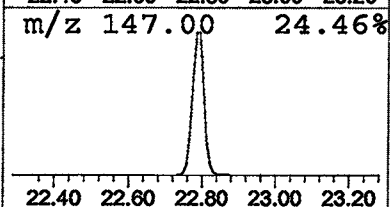
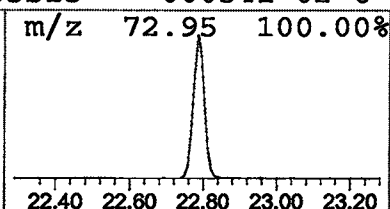
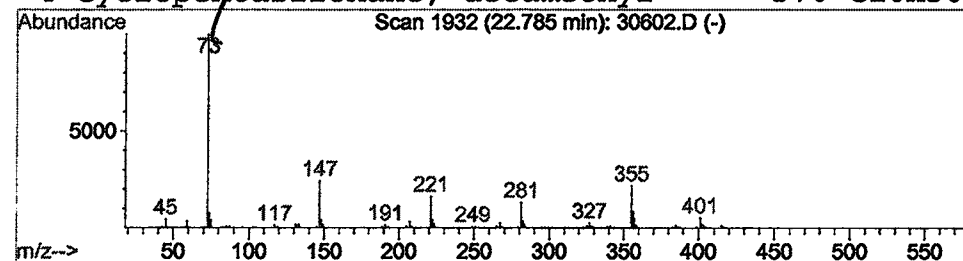
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Acq On : 28 Dec 2001 6:18 pm  
Sample : GC/MS SCAN 12/17  
Misc :  
MS Integration Params: LSCINT.P

Vial: 30  
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.        |      |
|-----------|---------------------------------------|--------|------------------|-------------|------|
| 22.78     | 1.82 ug/l                             | 865300 | Phenanthrene-d10 | 24.99       |      |
| Hit# of 5 | Tentative ID                          | MW     | MolForm          | CAS#        | Qual |
| 1         | Benzeneethanamine, N-[(pentafluorop   | 563    | C24H34F5NO3Si3   | 055429-13-5 | 43   |
| 2         | N-(Trifluoroacetyl)-O,O',O''-tris(t   | 481    | C19H34F3NO4Si3   | 000000-00-0 | 43   |
| 3         | N-(Trifluoroacetyl)-O,O',O''-tris(tri | 495    | C20H36F3NO4Si3   | 000000-00-0 | 43   |
| 4         | Cyclopentasiloxane, decamethyl-       | 370    | C10H30O5Si5      | 000541-02-6 | 37   |



## Library Search Compound Report

Data File : M:\INSTRU-1\209\DATA\DEC2701\30602.D  
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Sample : GC/MS SCAN 12/17  
Misc :  
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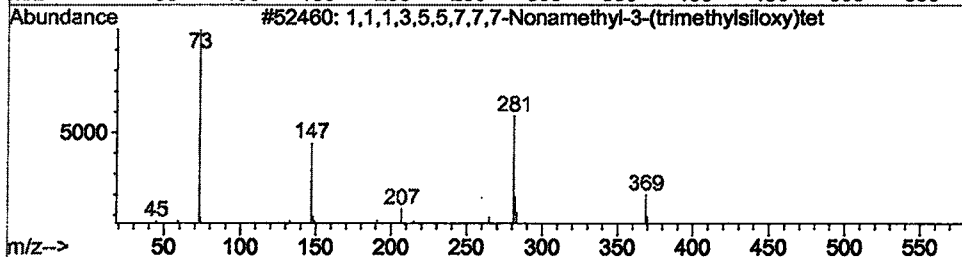
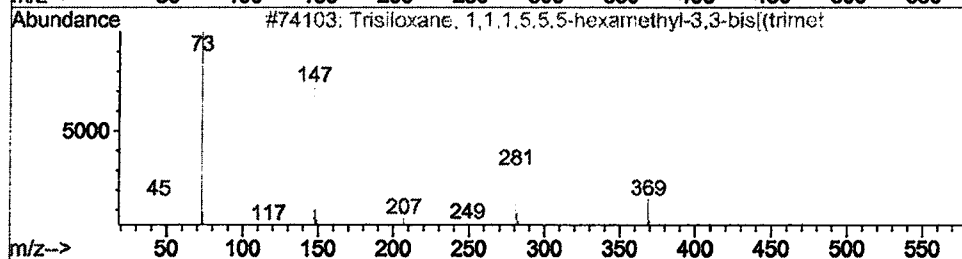
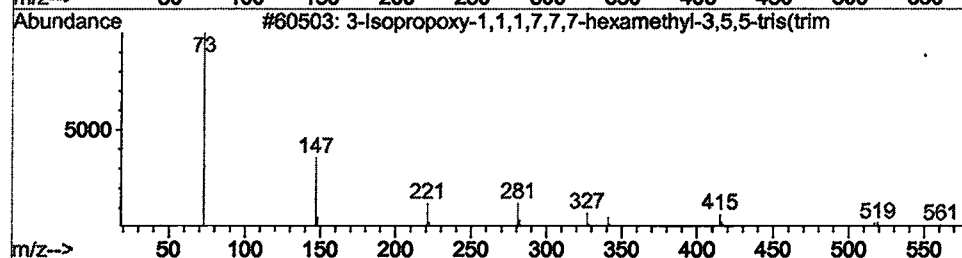
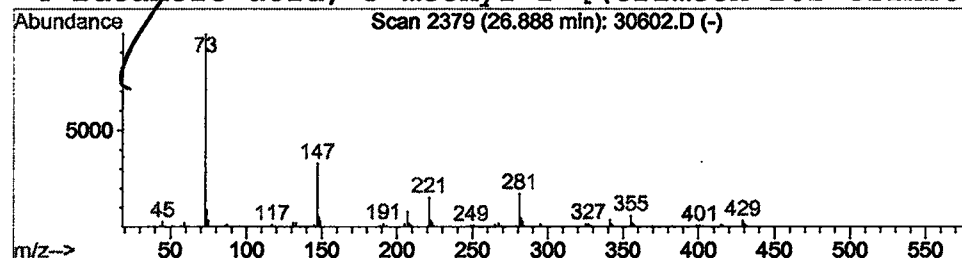
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Inst : GC/MS 209  
Multiplr: 1.00

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

\*\*\*\*\*  
Peak Number 7 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 7

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 26.89 | 0.82 ug/l | 390042 | Phenanthrene-d10 | 24.99 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|-------------------------------------|-----|-------------|-------------|------|
| 1    | 5  | 3-Isopropoxy-1,1,1,7,7,7-hexamethyl | 576 | C18H52O7Si7 | 071579-69-6 | 38   |
| 2    |    | Trisiloxane, 1,1,1,5,5,5-hexamethyl | 384 | C12H36O4Si5 | 003555-47-3 | 37   |
| 3    |    | 1,1,1,3,5,5,7,7,7-Nonamethyl-3-(tri | 384 | C12H36O4Si5 | 038146-99-5 | 25   |
| 4    |    | Butanoic acid, 3-methyl-2-[(trimeth | 262 | C11H26O3Si2 | 055124-92-0 | 17   |



# Library Search Compound Report

Data File : M:\INSTRU-1\209\DATA\DEC2701\30602.D  
 Acq On : 28 Dec 2001 6:18 pm  
 Sample : GC/MS SCAN 12/17  
 Misc :  
 MS Integration Params: LSCINT.P

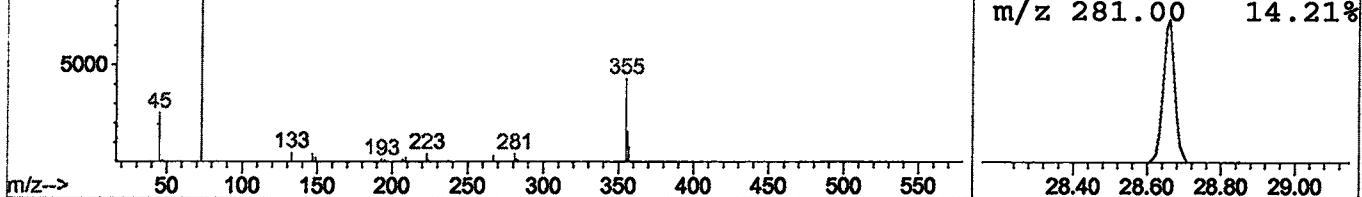
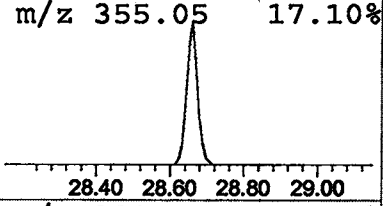
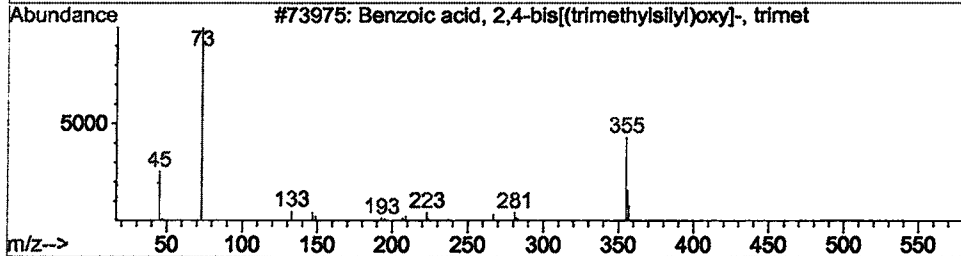
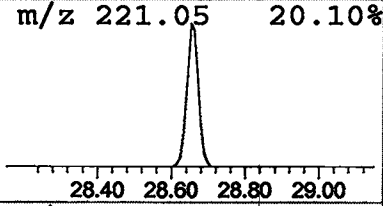
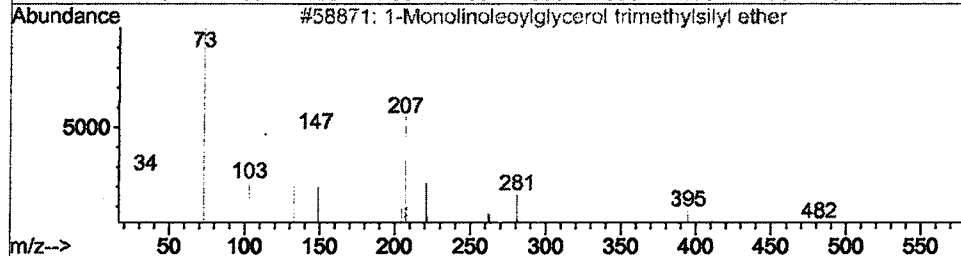
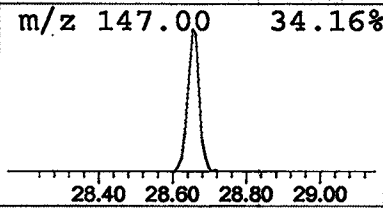
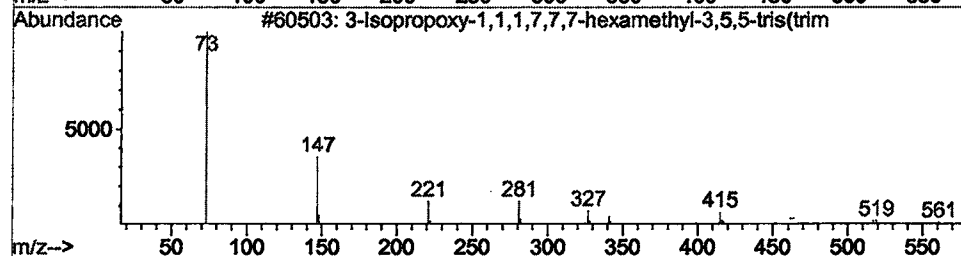
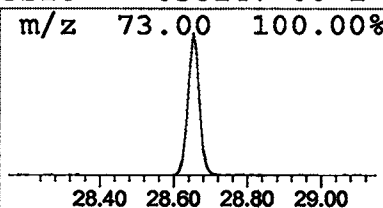
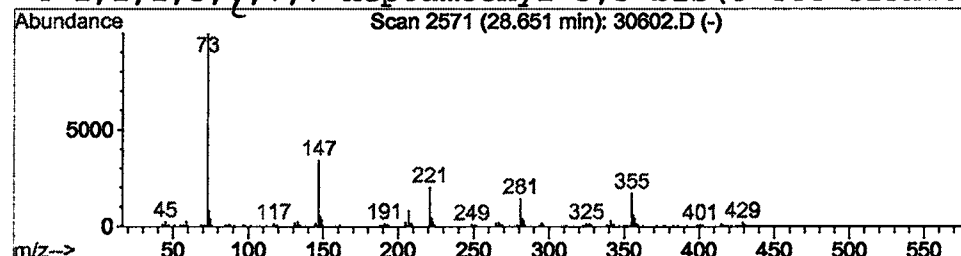
Vial: 30  
 Operator: 209 GALOS  
 Inst : GC/MS 209  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 8 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 10

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 28.65 | 0.61 ug/l | 287244 | Phenanthrene-d10 | 24.99 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|-------------------------------------|-----|-------------|-------------|------|
| 1    | 5  | 3-Isopropoxy-1,1,1,7,7,7-hexamethyl | 576 | C18H52O7Si7 | 071579-69-6 | 40   |
| 2    |    | 1-Monolinoleoylglycerol trimethylsi | 498 | C27H54O4Si2 | 054284-45-6 | 38   |
| 3    |    | Benzoic acid, 2,4-bis[(trimethylsil | 370 | C16H30O4Si3 | 010586-16-0 | 35   |
| 4    |    | 1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t | 444 | C13H40O5Si6 | 038147-00-1 | 28   |



## Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\30602.D  
Acq On : 28 Dec 2001 6:18 pm  
Sample : GC/MS SCAN 12/17  
Misc :  
MS Integration Params: LSCINT.P

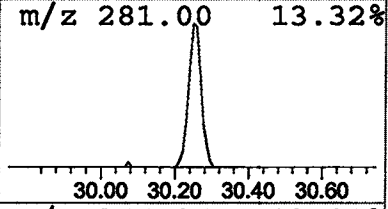
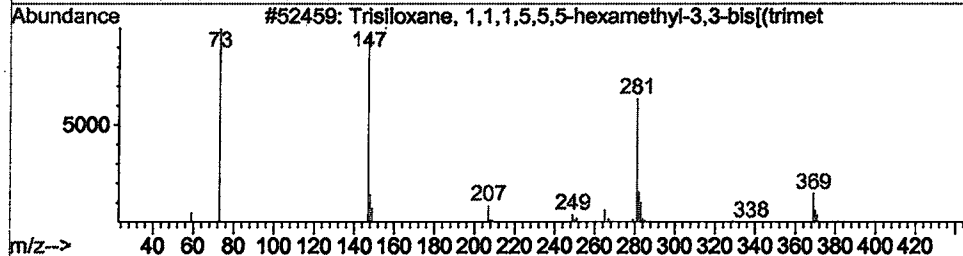
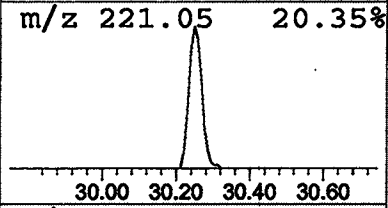
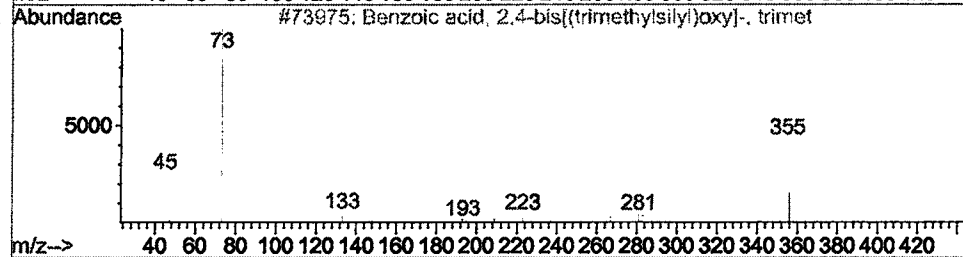
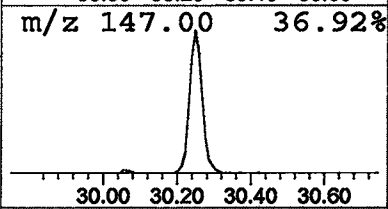
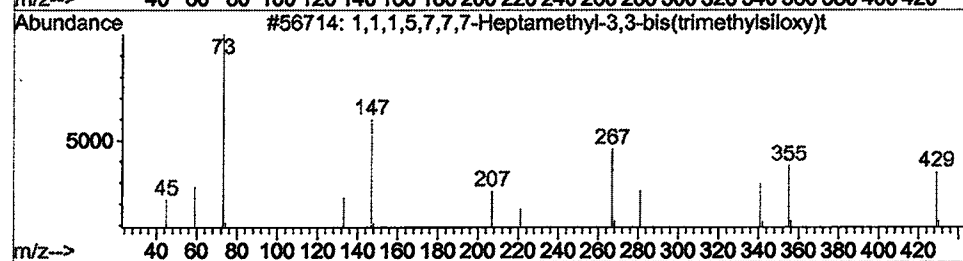
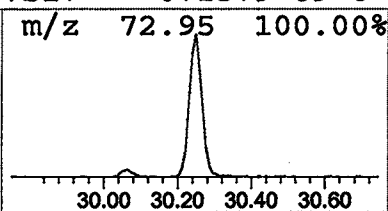
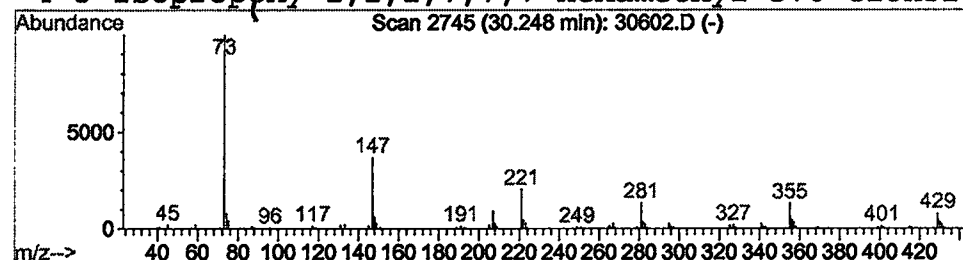
Vial: 30  
Operator: 209 GALOS  
Inst : GC/MS 209  
Multiplr: 1.00

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

\*\*\*\*\*  
Peak Number 9 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 8

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 30.25 | 0.79 ug/l | 252021 | Chrysene-d12     | 33.02 |

| 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 | 33   |
| 2    |    |   | Benzoic acid, 2,4-bis[(trimethylsil | 370 | C16H30O4Si3 | 010586-16-0 | 12   |
| 3    |    |   | Trisiloxane, 1,1,1,5,5,5-hexamethyl | 384 | C12H36O4Si5 | 003555-47-3 | 10   |
| 4    |    |   | 3-Isopropoxy-1,1,1,7,7,7-hexamethyl | 576 | C18H52O7Si7 | 071579-69-6 | 10   |



## Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\30602.D  
Acq On : 28 Dec 2001 6:18 pm  
Sample : GC/MS SCAN 12/17  
Misc :  
MS Integration Params: LSCINT.P

Vial: 30  
Operator: 209 GALOS  
Inst : GC/MS 209  
Multiplr: 1.00

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

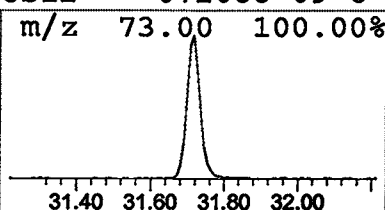
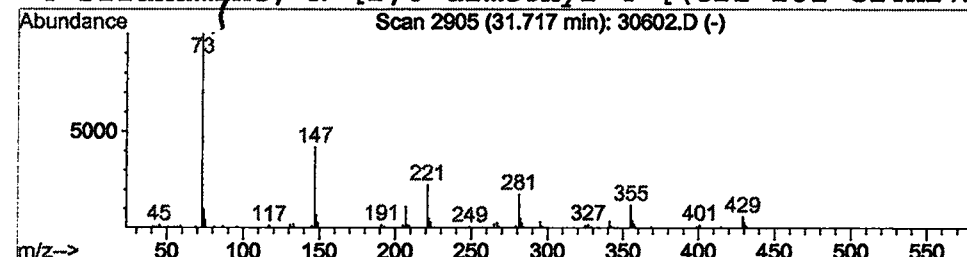
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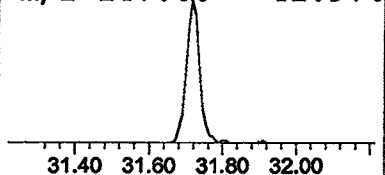
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Peak Number 10 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 9

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 31.72 | 0.62 ug/l | 198873 | Chrysene-d12     | 33.02 |

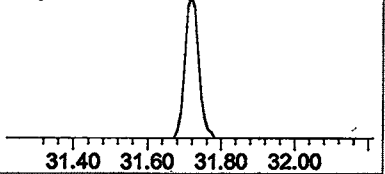
| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | 3-Isopropoxy-1,1,1,7,7,7-hexamethyl | 576 | C18H52O7Si7 | 071579-69-6 | 40   |
| 2    |    |   | 2-Hexenedioic acid, bis(trimethylsi | 288 | C12H24O4Si2 | 055494-10-5 | 23   |
| 3    |    |   | Ethanedioic acid, bis(trimethylsily | 234 | C8H18O4Si2  | 018294-04-7 | 23   |
| 4    |    |   | Silamine, N-[2,6-dimethyl-4-[(tri   | 281 | C14H27NOSi2 | 072088-09-6 | 14   |



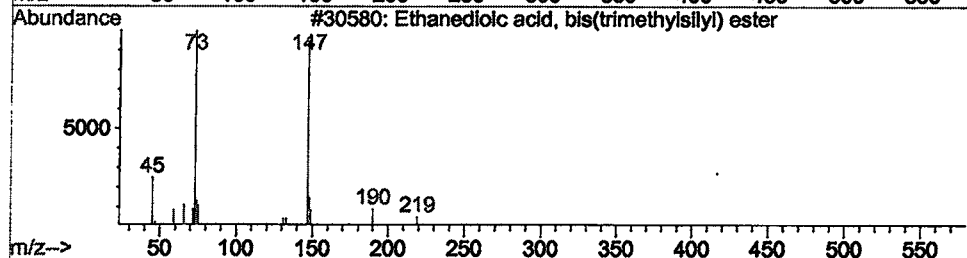
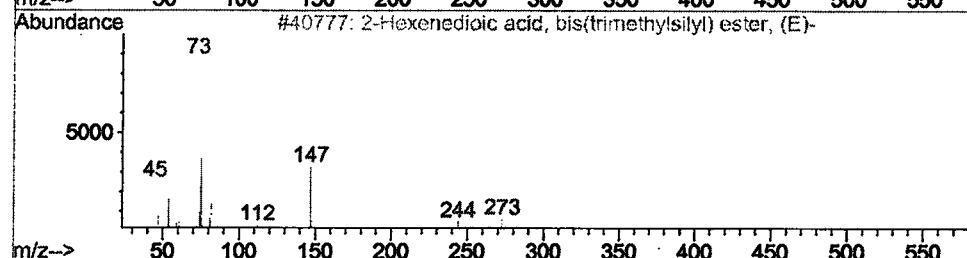
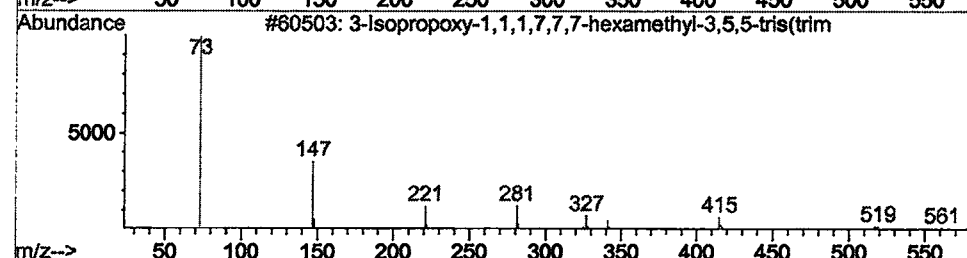
m/z 147.00 41.97%



m/z 281.00 17.56%



m/z 355.05 12.11%



## Library Search Compound Report

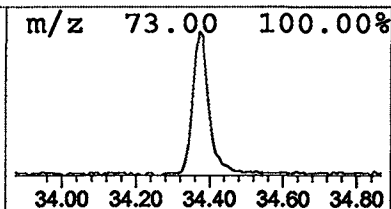
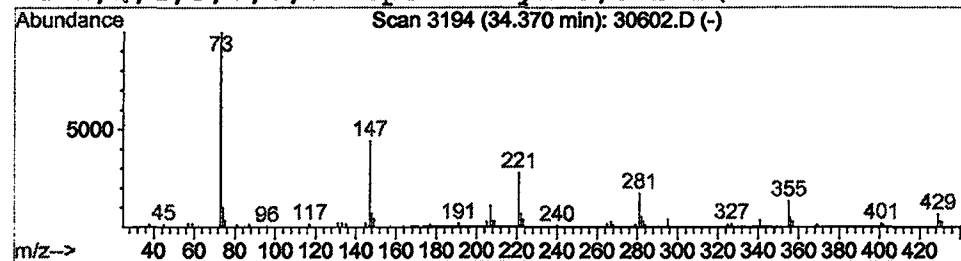
Data File : M:\INSTRU~1\209\DATA\DEC2701\30602.D  
Acq On : 28 Dec 2001 6:18 pm  
Sample : GC/MS SCAN 12/17  
Misc :  
MS Integration Params: LSCINT.P

Vial: 30  
Operator: 209 GALOS  
Inst : GC/MS 209  
Multiplr: 1.00

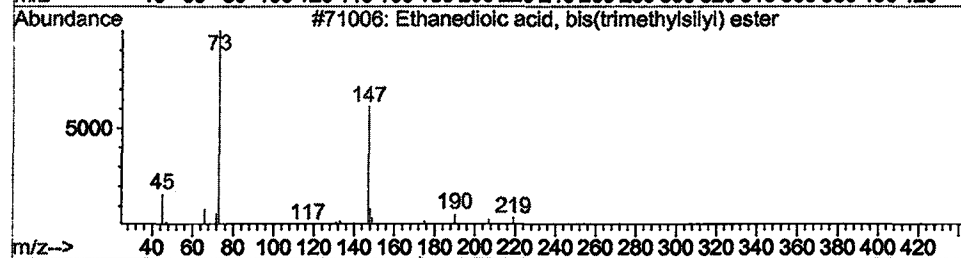
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)  
Title : 209 625/TCLP calibration table  
Library : C:\DATABASE\NBS75K.L

\*\*\*\*\*  
Peak Number 11 Ethanedioic acid, bis(trimethy Concentration Rank 11

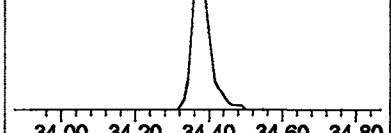
| R.T.  | EstConc   | Area   | Relative to ISTD                     | R.T.  |             |             |      |
|-------|-----------|--------|--------------------------------------|-------|-------------|-------------|------|
| 34.37 | 0.40 ug/l | 128290 | Chrysene-d12                         | 33.02 |             |             |      |
| Hit#  | of        | 5      | Tentative ID                         | MW    | MolForm     | CAS#        | Qual |
| 1     |           |        | Ethanedioic acid, bis(trimethylsilyl | 234   | C8H18O4Si2  | 018294-04-7 | 38   |
| 2     |           |        | Trisiloxane, 1,1,1,5,5,5-hexamethyl  | 384   | C12H36O4Si5 | 003555-47-3 | 32   |
| 3     |           |        | 2-Hexenedioic acid, bis(trimethylsi  | 288   | C12H24O4Si2 | 055494-10-5 | 23   |
| 4     |           |        | 1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t  | 444   | C13H40O5Si6 | 038147-00-1 | 23   |



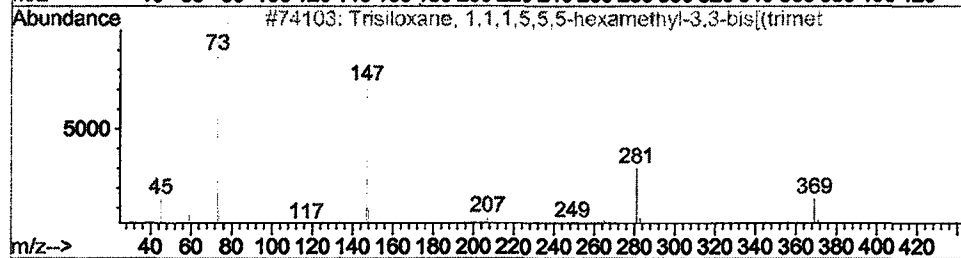
m/z 147.00 44.40%



m/z 147.00 44.40%



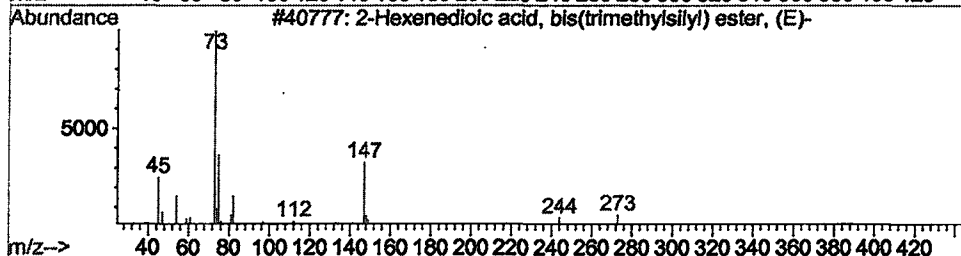
m/z 281.00 17.53%



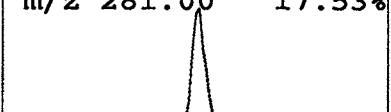
m/z 221.05 27.93%



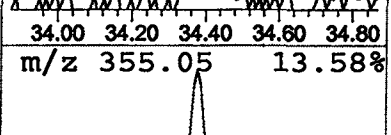
m/z 355.05 13.58%



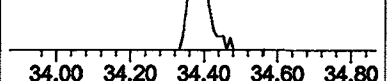
m/z 281.00 17.53%



m/z 355.05 13.58%



m/z 355.05 13.58%



## Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 28 Dec 2001 6:18 pm  
Data File: M:\INSTRU~1\209\DATA\DEC2701\30602.D  
Name: GC/MS SCAN 12/17  
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 |
|----------------------|-------|---------------|---------|--------|-------|---------|--------|
| 3-Pentanol, 3-methyl | 7.62  | 3.2 ug/l      | 1105200 | ISTD01 | 11.68 | 6931590 | 20.0   |
| Cyclopentasiloxane,  | 14.31 | 1.4 ug/l      | 619244  | ISTD02 | 15.28 | 8582100 | 20.0   |
| 2H-1,4-Benzodiazepin | 17.45 | 4.0 ug/l      | 1698020 | ISTD02 | 15.28 | 8582100 | 20.0   |
| 3-Isopropoxy-1,1,1,7 | 20.28 | 2.9 ug/l      | 1347750 | ISTD03 | 20.56 | 9201620 | 20.0   |
| Benzoic acid, 4-etho | 21.04 | 0.8 ug/l      | 390156  | ISTD03 | 20.56 | 9201620 | 20.0   |
| Benzeneethanamine, N | 22.78 | 1.8 ug/l      | 865300  | ISTD04 | 24.99 | 9491060 | 20.0   |
| 3-Isopropoxy-1,1,1,7 | 26.89 | 0.8 ug/l      | 390042  | ISTD04 | 24.99 | 9491060 | 20.0   |
| 3-Isopropoxy-1,1,1,7 | 28.65 | 0.6 ug/l      | 287244  | ISTD04 | 24.99 | 9491060 | 20.0   |
| 1,1,1,5,7,7,7-Heptam | 30.25 | 0.8 ug/l      | 252021  | ISTD05 | 33.02 | 6370050 | 20.0   |
| 3-Isopropoxy-1,1,1,7 | 31.72 | 0.6 ug/l      | 198873  | ISTD05 | 33.02 | 6370050 | 20.0   |
| Ethanedioic acid, bi | 34.37 | 0.4 ug/l      | 128290  | ISTD05 | 33.02 | 6370050 | 20.0   |

30602.D GCMS0103.M

Thu Jan 10 15:45:53 2002

