User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 15:17:25

Sample: AD30935
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 15:17 Ended: 1/28/02 15:17 Analyst: DLV
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | Other unknown compounds | | . | | |
| 2 | Surr_2,4-DDD | | 104 | | 5.0 |

**Comments for Sample AD30935 - Analysis $GCMS**

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 15:17:37

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recovery for 1 of the 43 compounds in the LCS Standard was below its acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\30935.D Vial: 48
Acq On : 2 Jan 2002 11:27 am Operator: 209 GALOS
Sample : gcms scan 12/19a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 25 9:56 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
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 | 840035 | 20.00 | ug/l | -0.02 |
| 10) Naphthalene-d8 | 15.28 | 136 | 3262658 | 20.00 | ug/l | -0.03 |
| 17) Acenaphthene-d10 | 20.56 | 164 | 1650526 | 20.00 | ug/l | -0.02 |
| 29) Phenanthrene-d10 | 24.98 | 188 | 2444499 | 20.00 | ug/l | -0.01 |
| 38) Chrysene-d12 | 33.02 | 240 | 1484010 | 20.00 | ug/l | -0.01 |
| 44) Perylene-d12 | 37.12 | 264 | 843209 | 20.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 37) 2,4-DDD | 30.07 | 235 | 139192 | 5.18 | ug/mL | 0.00 |
| Spiked Amount 5.000 | | | Recovery = 103.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) N-nitroso-dimethyl amine | 5.31 | 74 | 321 | 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 | 0.00 | 77 | 0 | 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 | 484 | 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 | 20.29 | 163 | 329 | N.D. | | |
| 21) 2,6-Dinitrotoluene | 0.00 | 165 | 0 | N.D. | | |
| 22) Acenaphthylene | 0.00 | 152 | 0 | N.D. | | |
| 23) Acenaphthene | 0.00 | 153 | 0 | N.D. | | |
| 24) 2,4-Dinitrotoluene | 21.26 | 165 | 186 | N.D. | | |
| 25) Diethylphthalate | 22.05 | 149 | 366 | 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 | 22.63 | 77 | 183 | N.D. | | |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\30935.D Vial: 48
Acq On : 2 Jan 2002 11:27 am Operator: 209 GALOS
Sample : gcms scan 12/19a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 25 9:56 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS1126

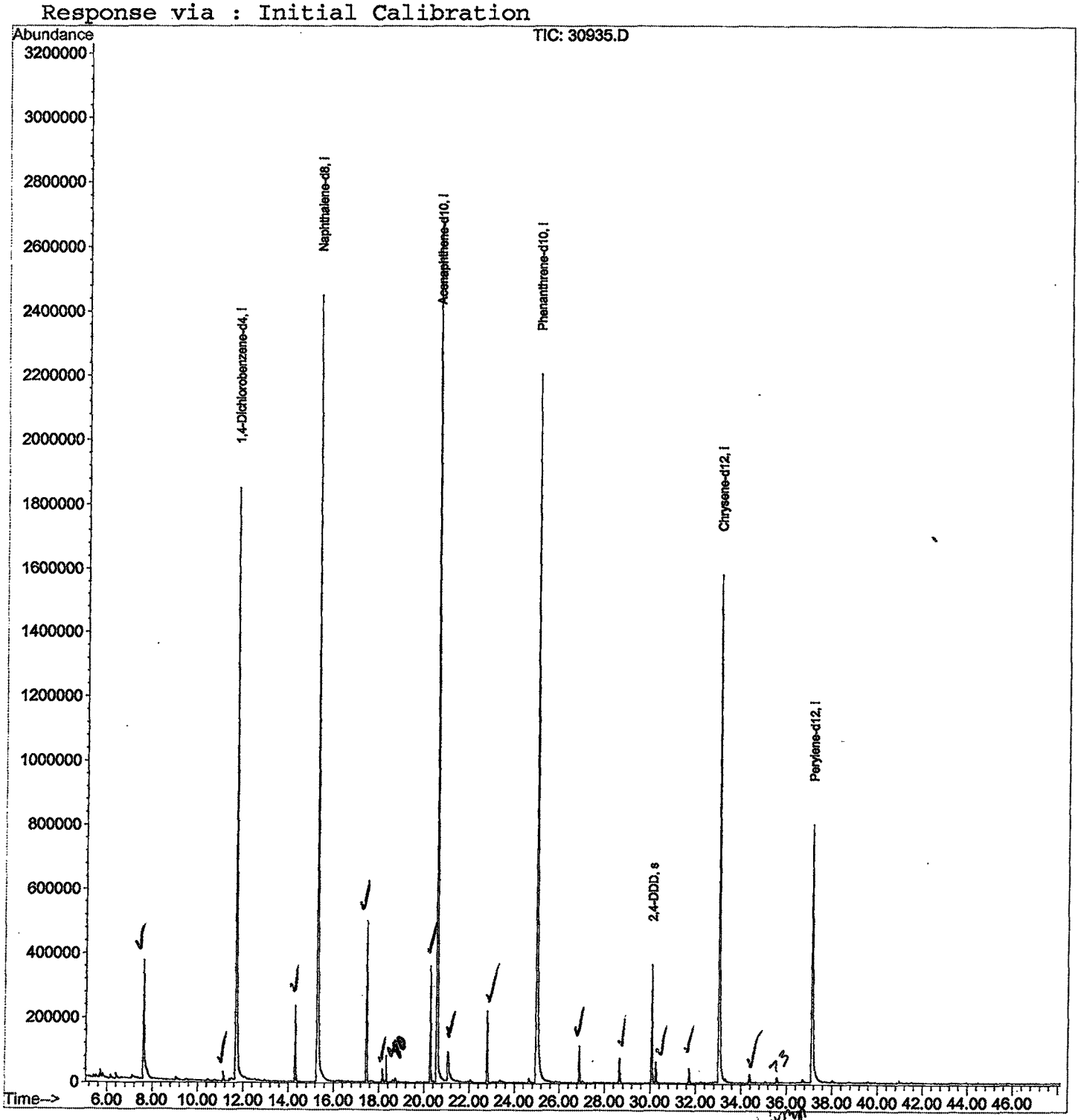
| | Compound | R.T. | QIon | Response | Conc Unit | Qvalue |
|---|---|---|---|---|---|---|
| 30) | N-Nitrosodiphenylamine | 0.00 | 168 | 0 | N.D. | |
| 31) | 4-Bromophenyl-phenylether | 0.00 | 248 | 0 | N.D. | |
| 32) | Hexachlorobenzene | 0.00 | 284 | 0 | N.D. | |
| 33) | Phenanthrene | 25.05 | 178 | 107 | N.D. | |
| 34) | Anthracene | 25.05 | 178 | 107 | N.D. | |
| 35) | Di-n-butylphthalate | 27.03 | 149 | 9896 | N.D. | |
| 36) | Fluoranthene | 0.00 | 202 | 0 | N.D. | |
| 39) | Pyrene | 0.00 | 202 | 0 | N.D. | |
| 40) | Butylbenzylphthalate | 31.51 | 149 | 196 | N.D. | |
| 41) | Benzo(a)anthracene | 33.02 | 228 | 3678 | N.D. | |
| 42) | Bis(2-ethylhexyl)phthalate | 33.31 | 149 | 5559 | N.D. | |
| 43) | Chrysene | 33.02 | 228 | 3678 | N.D. | |
| 45) | Di-n-Octylphthalate | 35.07 | 149 | 621 | 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 | 2807 | N.D. | |
| 49) | Indeno(1,2,3-cd)pyrene | 0.00 | 276 | 0 | N.D. | |
| 50) | Dibenz(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

# Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30935.D Vial: 48
Acq On : 2 Jan 2002 11:27 am Operator: 209 GALOS
Sample : gcms scan 12/19a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 25 9:56 2002 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration



# LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30935.D  Vial: 48
Acq On : 2 Jan 2002 11:27 am  Operator: 209 GALOS
Sample : gcms scan 12/19a  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Smoothing : OFF  Filtering: 5
Sampling : 1  Min Area: 1 % of largest Peak
Start Thrs: 0.2  Max Peaks: 100
Stop Thrs : 0  Peak Location: TOP

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

Signal : TIC

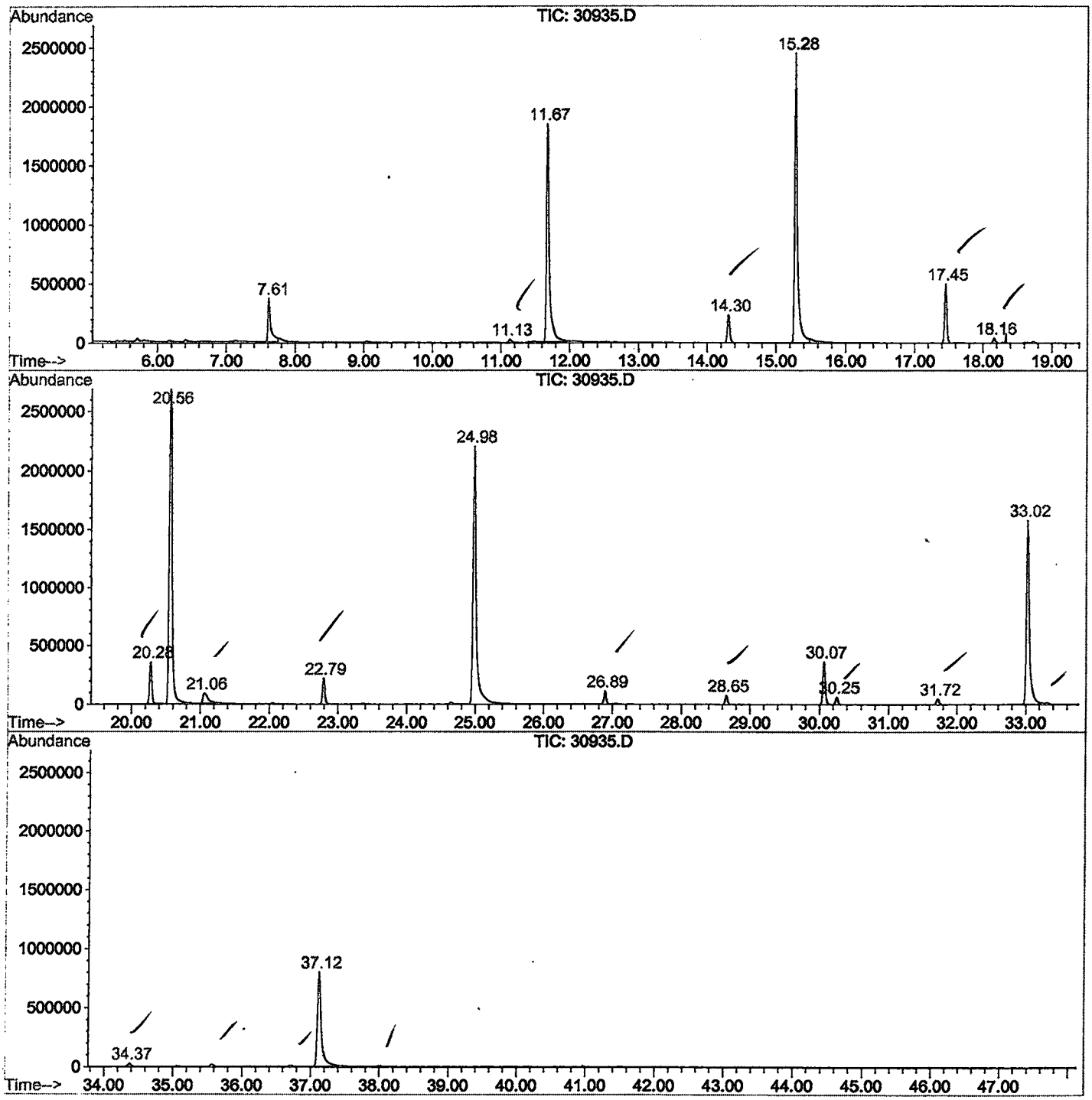
| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.612 | 276 | 280 | 295 | rBV | 367133 | 1084265 | 14.88% | 2.668% |
| 2 | 11.128 | 658 | 663 | 671 | rBV | 29287 | 77778 | 1.07% | 0.191% |
| 3 | 11.670 | 717 | 722 | 754 | rBV | 1842414 | 5319449 | 72.99% | 13.092% |
| 4 | 14.305 | 1001 | 1009 | 1020 | rBV | 234603 | 569671 | 7.82% | 1.402% |
| 5 | 15.278 | 1110 | 1115 | 1137 | rBV | 2447379 | 6504222 | 89.24% | 16.007% |
| 6 | 17.454 | 1342 | 1352 | 1361 | rBV | 499249 | 1126586 | 15.46% | 2.773% |
| 7 | 18.161 | 1423 | 1429 | 1437 | rBV | 41663 | 97476 | 1.34% | 0.240% |
| 8 | 20.281 | 1654 | 1660 | 1670 | rBV | 359408 | 822746 | 11.29% | 2.025% |
| 9 | 20.557 | 1684 | 1690 | 1714 | rBV | 2687719 | 7288230 | 100.00% | 17.937% |
| 10 | 21.062 | 1739 | 1745 | 1763 | rBV2 | 87234 | 447882 | 6.15% | 1.102% |
| 11 | 22.787 | 1927 | 1933 | 1942 | rBV | 220660 | 515651 | 7.08% | 1.269% |
| 12 | 24.982 | 2163 | 2172 | 2209 | rBV2 | 2203870 | 7219452 | 99.06% | 17.768% |
| 13 | 26.891 | 2374 | 2380 | 2386 | rBV | 112096 | 240853 | 3.30% | 0.593% |
| 14 | 28.654 | 2563 | 2572 | 2580 | rBV | 76446 | 175665 | 2.41% | 0.432% |
| 15 | 30.067 | 2720 | 2726 | 2736 | rBV | 364904 | 866527 | 11.89% | 2.133% |
| 16 | 30.251 | 2740 | 2746 | 2752 | rVV | 62159 | 143347 | 1.97% | 0.353% |
| 17 | 31.720 | 2898 | 2906 | 2912 | rBV | 46936 | 120565 | 1.65% | 0.297% |
| 18 | 33.023 | 3041 | 3048 | 3070 | rBV2 | 1579020 | 4834955 | 66.34% | 11.899% |
| 19 | 34.373 | 3188 | 3195 | 3203 | rBV | 25600 | 73061 | 1.00% | 0.180% |
| 20 | 37.118 | 3486 | 3494 | 3525 | rBV | 798815 | 3104446 | 42.60% | 7.640% |

Sum of corrected areas: 40632827

30935.D GCMS1126.M Fri Jan 25 11:50:01 2002

# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC3101\30935.D
Operator : 209 GALOS
Acquired : 2 Jan 2002 11:27 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/19a
Misc Info :
Vial Number: 48
Quant File :GCMS1126.RES (RTE Integrator)




30935.D GCMS1126.M Fri Jan 25 11:50:07 2002

# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30935.D
Acq On : 2 Jan 2002 11:27 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 48
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

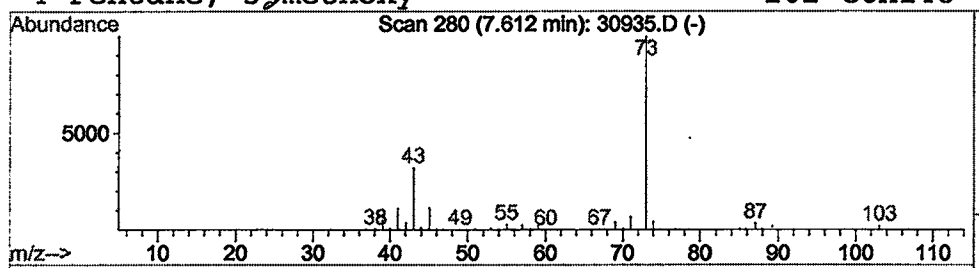
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

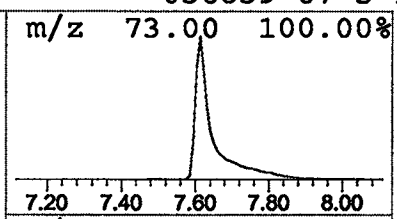
**********

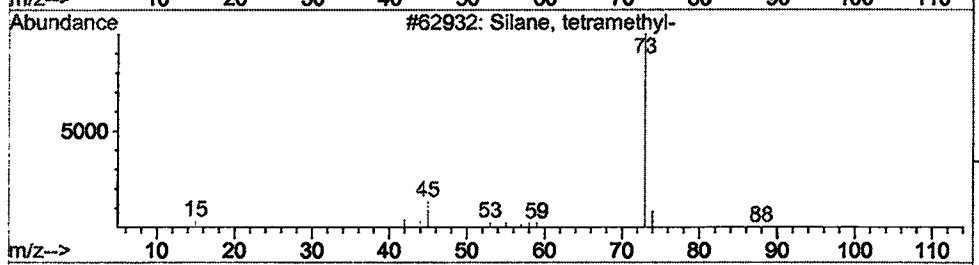
Peak Number 1 Silane, tetramethyl- Concentration Rank 1

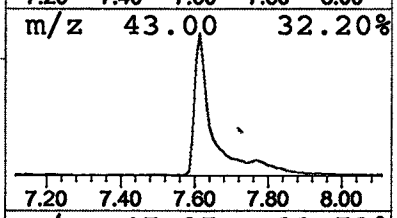
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.61 | 4.08 ug/l | 1084270 | 1,4-Dichlorobenzene-d4 | 11.68 |

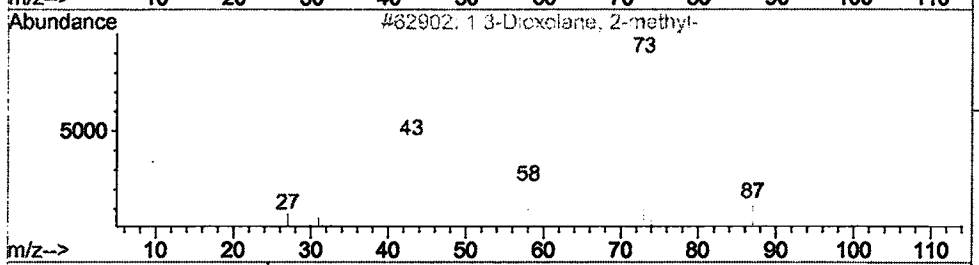
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 23 |
| 2 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 9 |
| 3 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 9 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 9 |

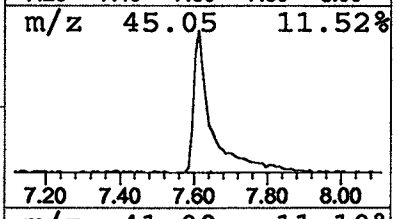


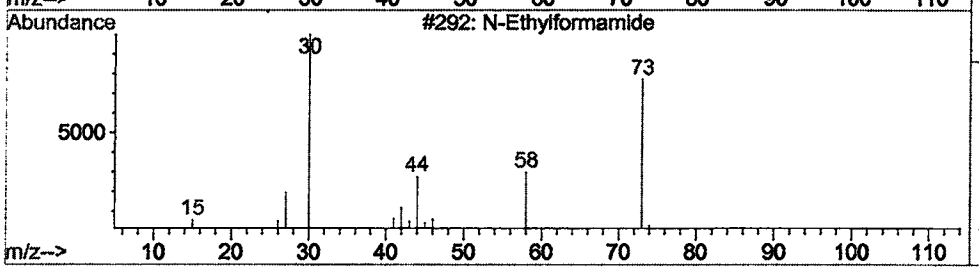



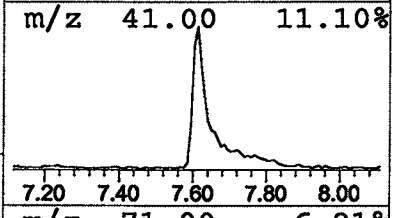



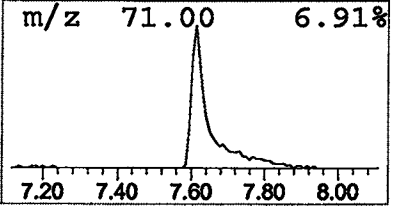



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30935.D
Acq On : 2 Jan 2002 11:27 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 48
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

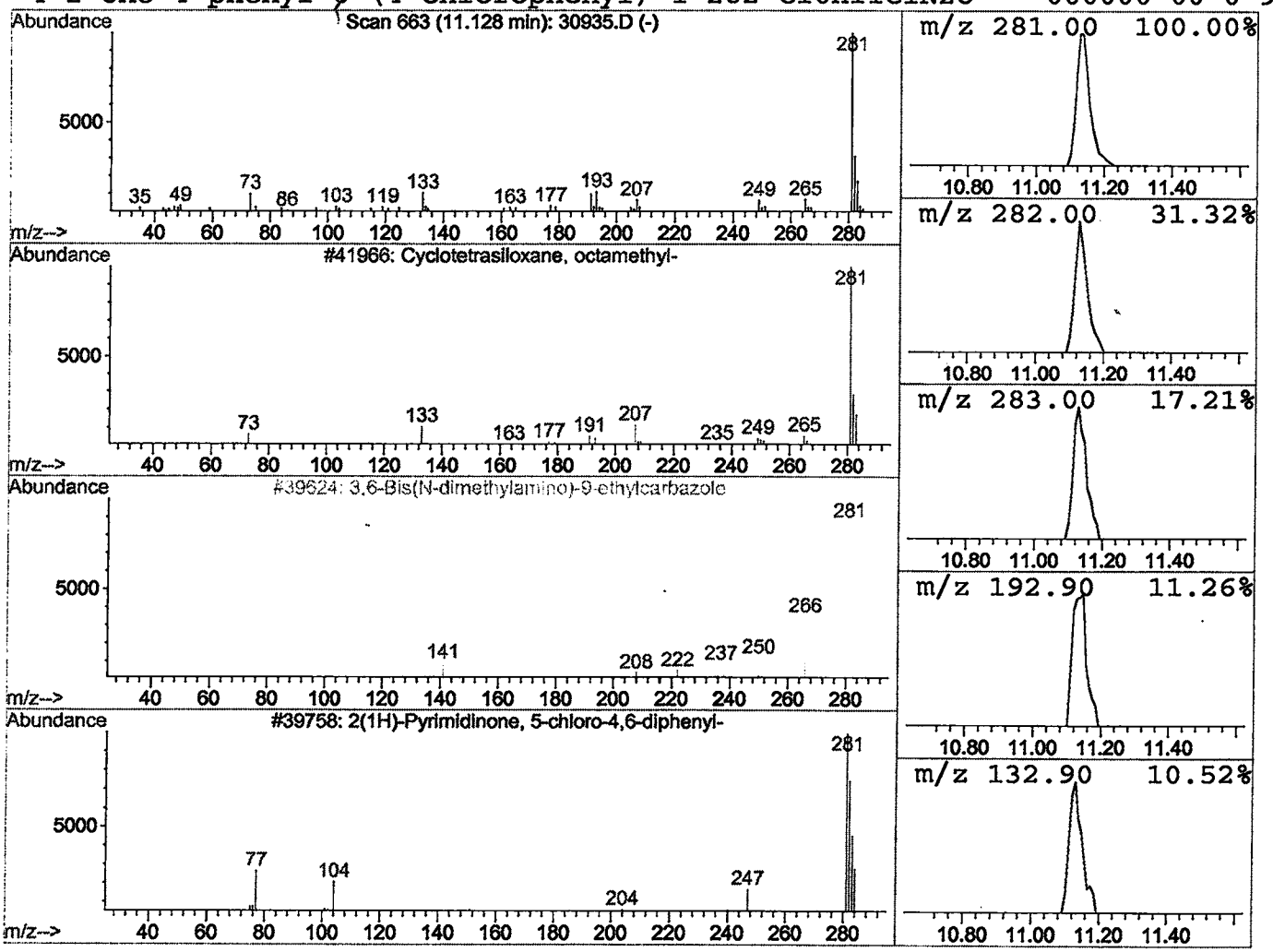
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.13 | 0.29 ug/l | 77778 | 1,4-Dichlorobenzene-d4 | 11.68 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclotetrasiloxane, octamethyl- | 296 | C8H24O4Si4 | 000556-67-2 | 91 |
| 2 | 3,6-Bis(N-dimethylamino)-9-ethylcar | 281 | C18H23N3 | 057103-04-5 | 25 |
| 3 | 2(1H)-Pyrimidinone, 5-chloro-4,6-di | 282 | C16H11ClN2O | 028567-83-1 | 9 |
| 4 | 2-Oxo-4-phenyl-6-(4-chlorophenyl)-1 | 282 | C16H11ClN2O | 000000-00-0 | 9 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30935.D
Acq On : 2 Jan 2002 11:27 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 48
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

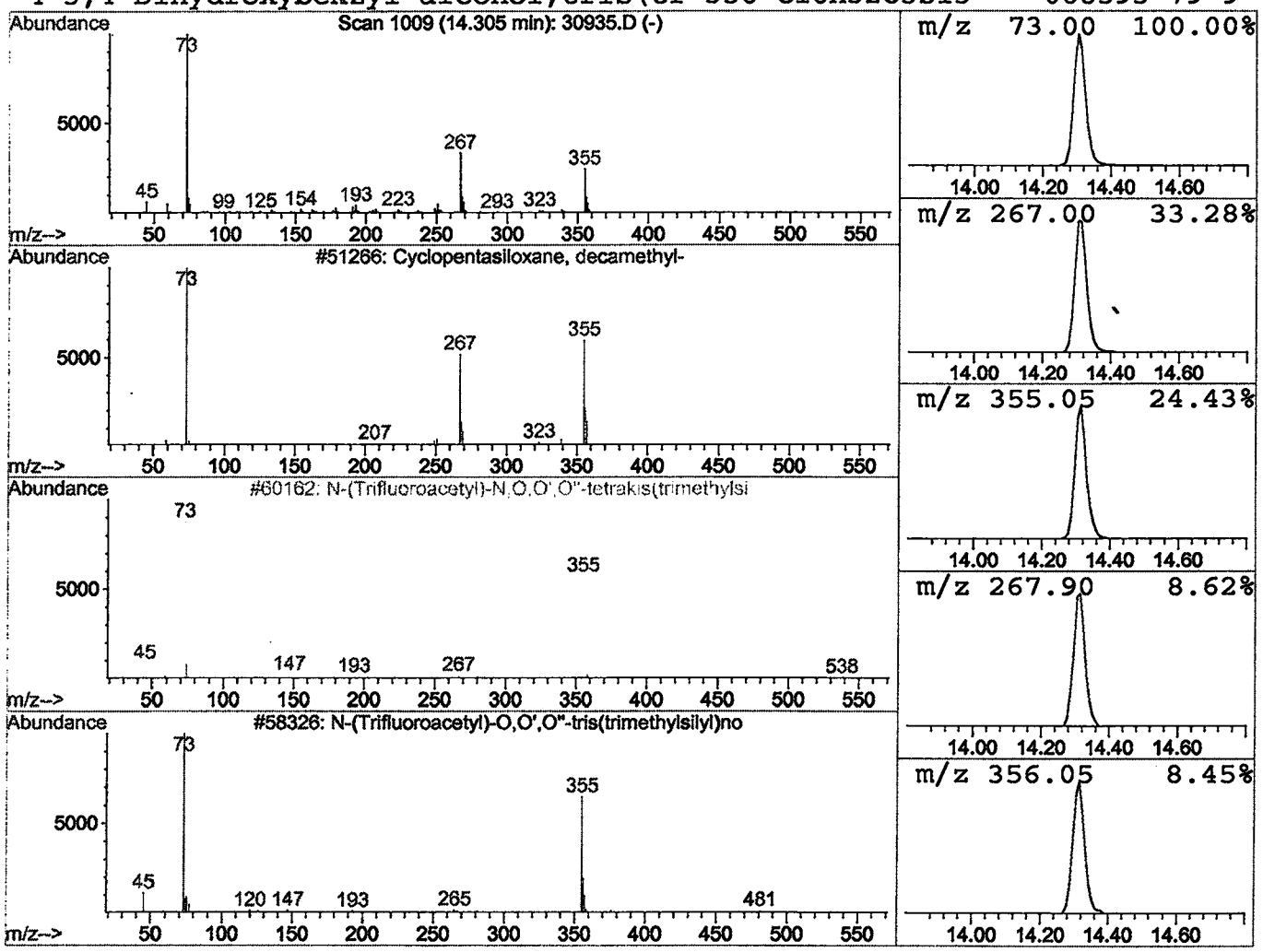
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.30 | 1.75 ug/l | 569671 | Naphthalene-d8 | 15.28 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentasiloxane, decamethyl- | 370 | C10H30O5Si5 | 000541-02-6 | 64 |
| 2 | N-(Trifluoroacetyl)-N,O,O',O''-tetr | 553 | C22H42F3NO4Si4 | 000000-00-0 | 47 |
| 3 | N-(Trifluoroacetyl)-O,O',O''-tris(t | 481 | C19H34F3NO4Si3 | 000000-00-0 | 43 |
| 4 | 3,4-Dihydroxybenzyl alcohol,tris(tr | 356 | C16H32O3Si3 | 068595-79-9 | 43 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30935.D
Acq On : 2 Jan 2002 11:27 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 48
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

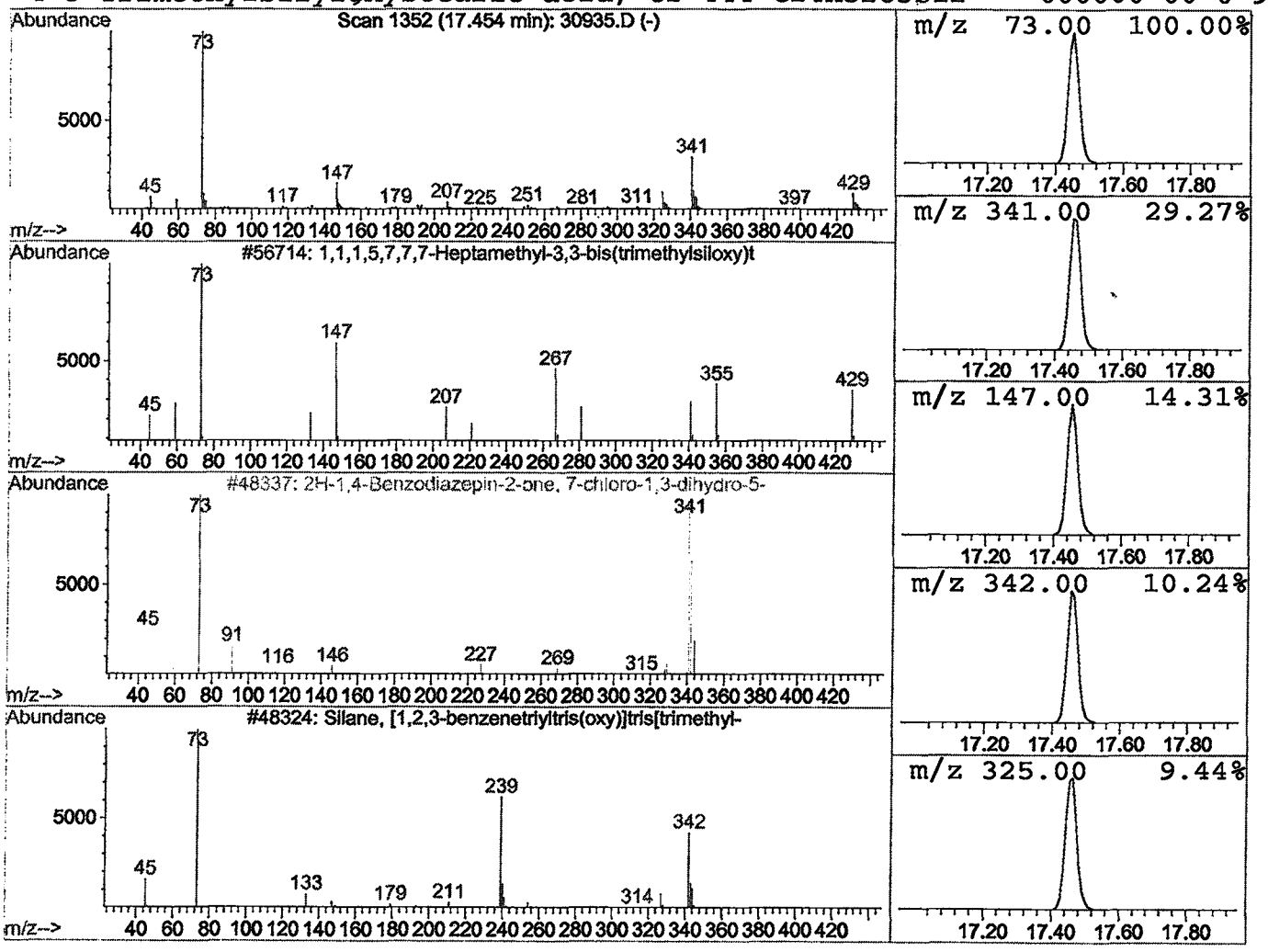
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 4 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.45 | 3.46 ug/l | 1126590 | 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-benzenetriyltris(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\DEC3101\30935.D
Acq On : 2 Jan 2002 11:27 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 48
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

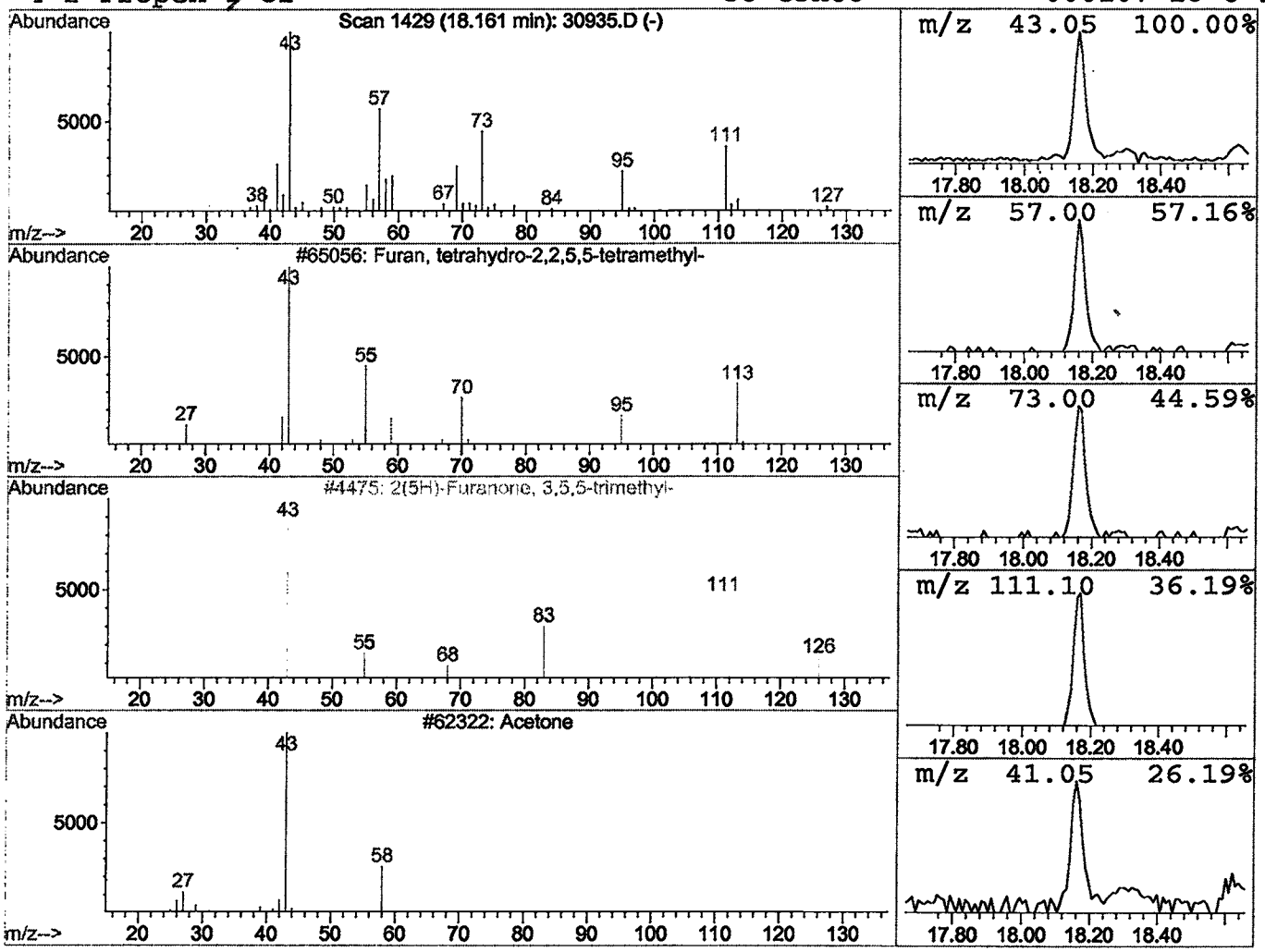
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 5 Furan, tetrahydro-2,2,5,5-tetr Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.16 | 0.27 ug/l | 97476 | Acenaphthene-d10 | 20.56 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Furan, tetrahydro-2,2,5,5-tetrameth | 128 | C8H16O | 015045-43-9 | 17 |
| 2 | 2(5H)-Furanone, 3,5,5-trimethyl- | 126 | C7H10O2 | 050598-50-0 | 10 |
| 3 | Acetone | 58 | C3H6O | 000067-64-1 | 9 |
| 4 | 2-Propen-1-ol | 58 | C3H6O | 000107-18-6 | 9 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30935.D
Acq On : 2 Jan 2002 11:27 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 48
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

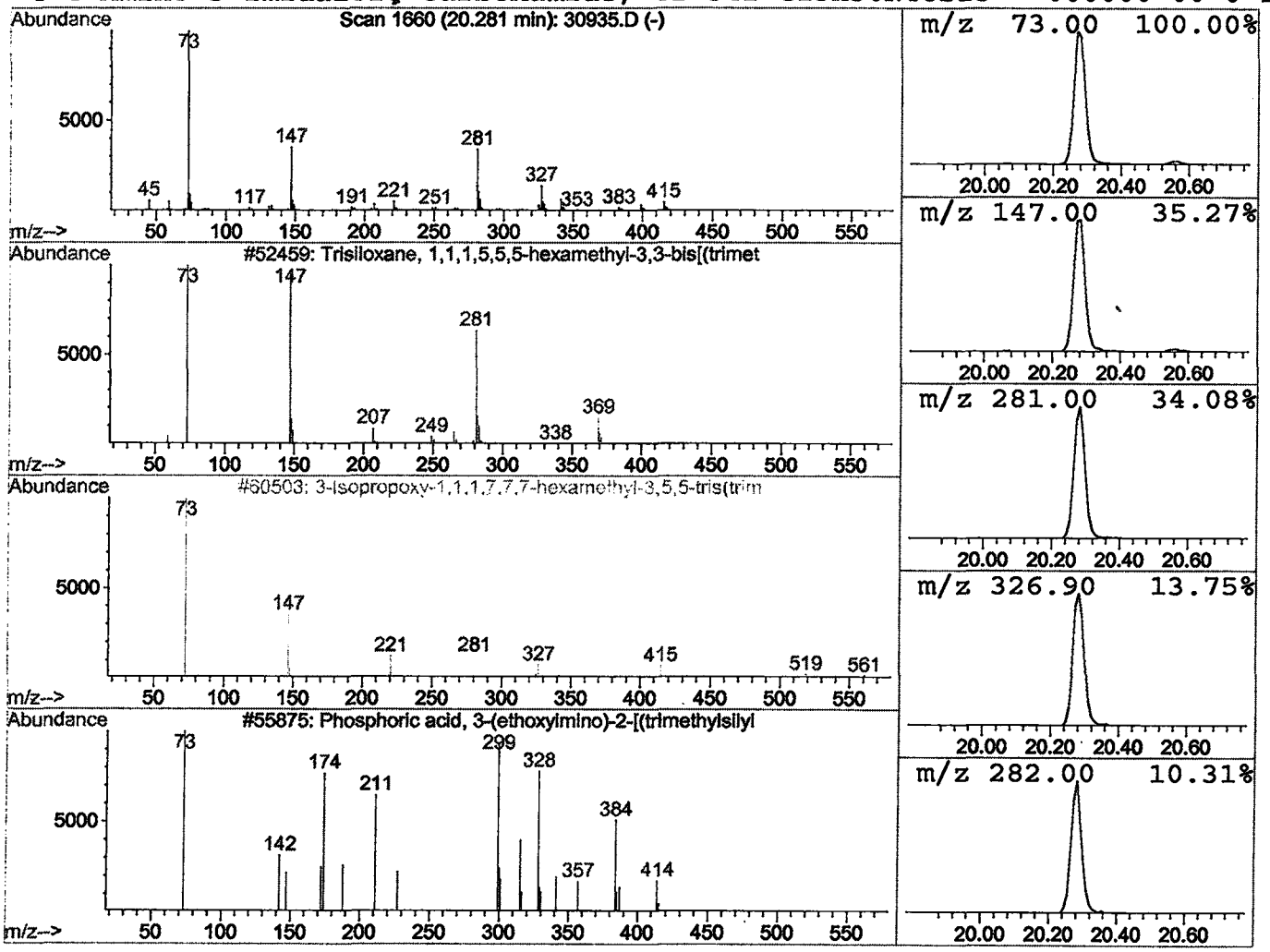
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 6 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.28 | 2.26 ug/l | 822746 | 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 | 42 |
| 2 | 3-Isopropoxy-1,1,1,7,7,7-hexamethyl | 576 | C18H52O7Si7 | 071579-69-6 | 38 |
| 3 | Phosphoric acid, 3-(ethoxyimino)-2- | 429 | C14H36NO6PSi3 | 055334-96-8 | 10 |
| 4 | 4-Amino-5-imidazole carboxamide, tr | 342 | C13H30N4OSi3 | 000000-00-0 | 10 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30935.D  Vial: 48
Acq On : 2 Jan 2002 11:27 am  Operator: 209 GALOS
Sample : gcms scan 12/19a  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

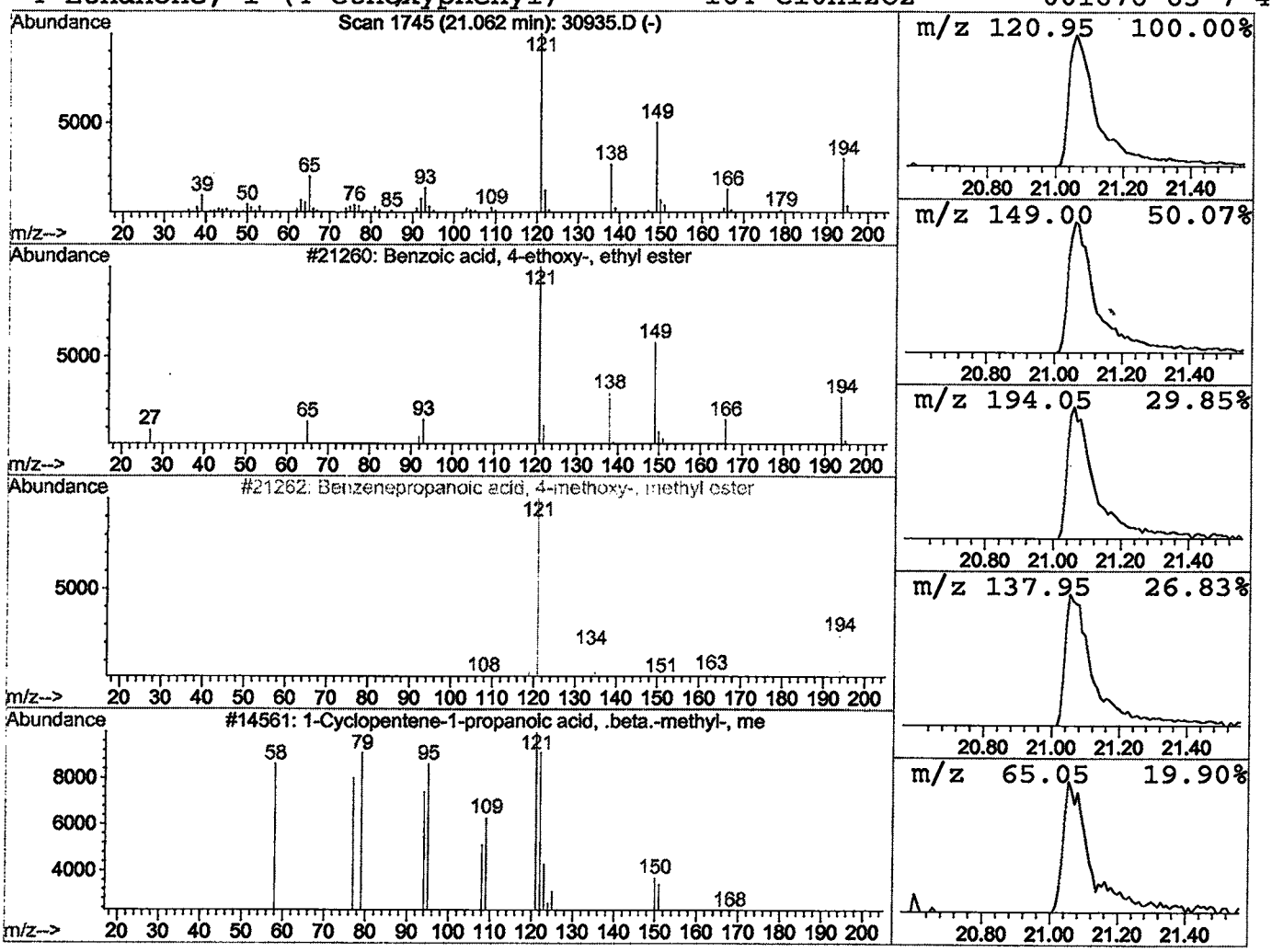
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 7 Benzoic acid, 4-ethoxy-, ethyl Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.06 | 1.23 ug/l | 447882 | 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 | Benzenepropanoic acid, 4-methoxy-, | 194 | C11H14O3 | 015823-04-8 | 43 |
| 3 | 1-Cyclopentene-1-propanoic acid, .b | 168 | C10H16O2 | 061833-30-5 | 42 |
| 4 | Ethanone, 1-(4-ethoxyphenyl)- | 164 | C10H12O2 | 001676-63-7 | 42 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30935.D
Acq On : 2 Jan 2002 11:27 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 48
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

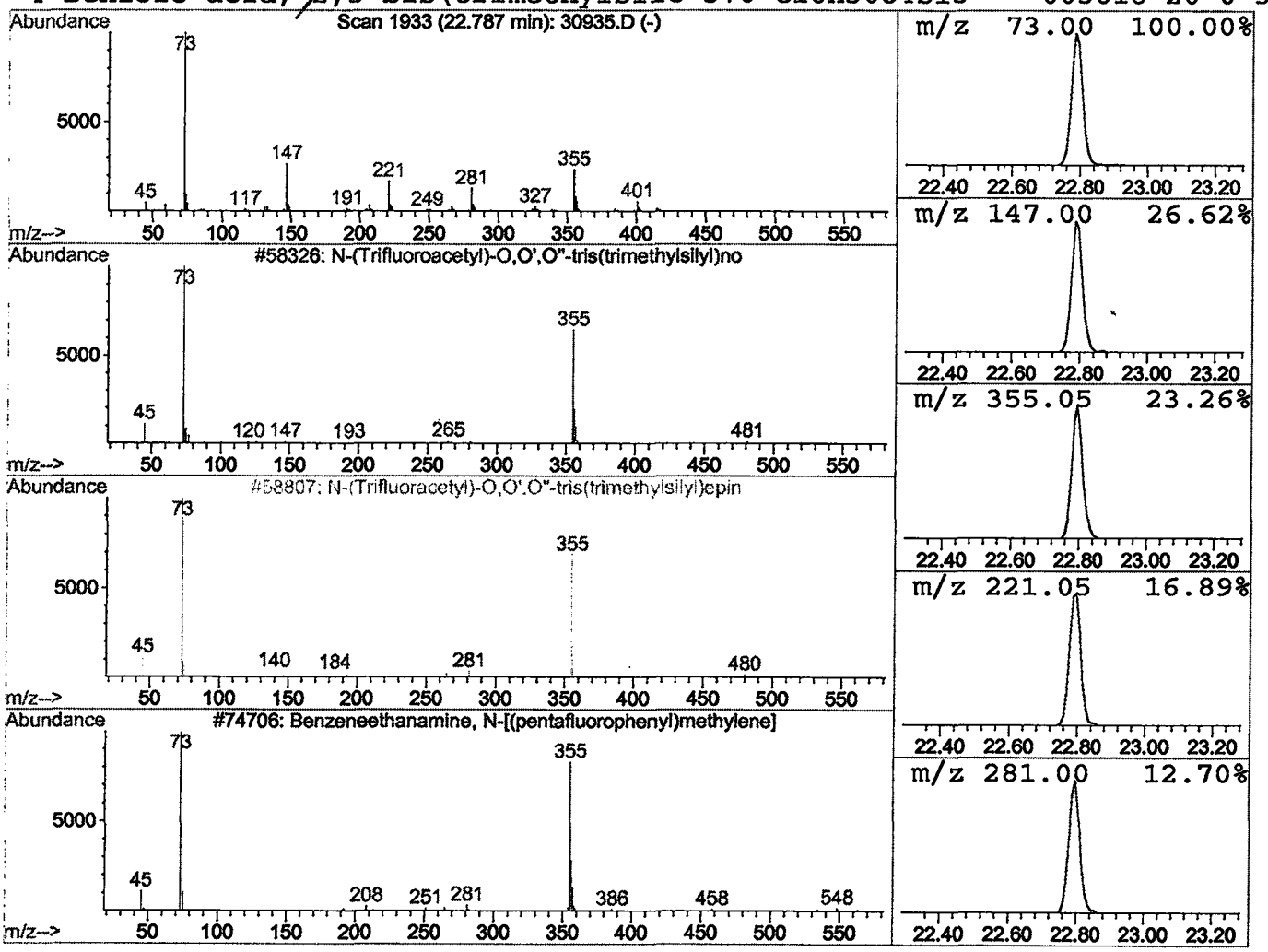
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 8 N-(Trifluoroacetyl)-O,O',O''-t Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.79 | 1.43 ug/l | 515651 | Phenanthrene-d10 | 24.98 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | N-(Trifluoroacetyl)-O,O',O''-tris(t | 481 | C19H34F3NO4Si3 | 000000-00-0 | 43 |
| 2 | N-(Trifluoracetyl)-O,O',O"-tris(tri | 495 | C20H36F3NO4Si3 | 000000-00-0 | 43 |
| 3 | Benzeneethanamine, N-[(pentafluorop | 563 | C24H34F5NO3Si3 | 055429-13-5 | 43 |
| 4 | Benzoic acid, 2,5-bis(trimethylsilo | 370 | C16H30O4Si3 | 003618-20-0 | 37 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30935.D  Vial: 48
Acq On : 2 Jan 2002 11:27 am  Operator: 209 GALOS
Sample : gcms scan 12/19a  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

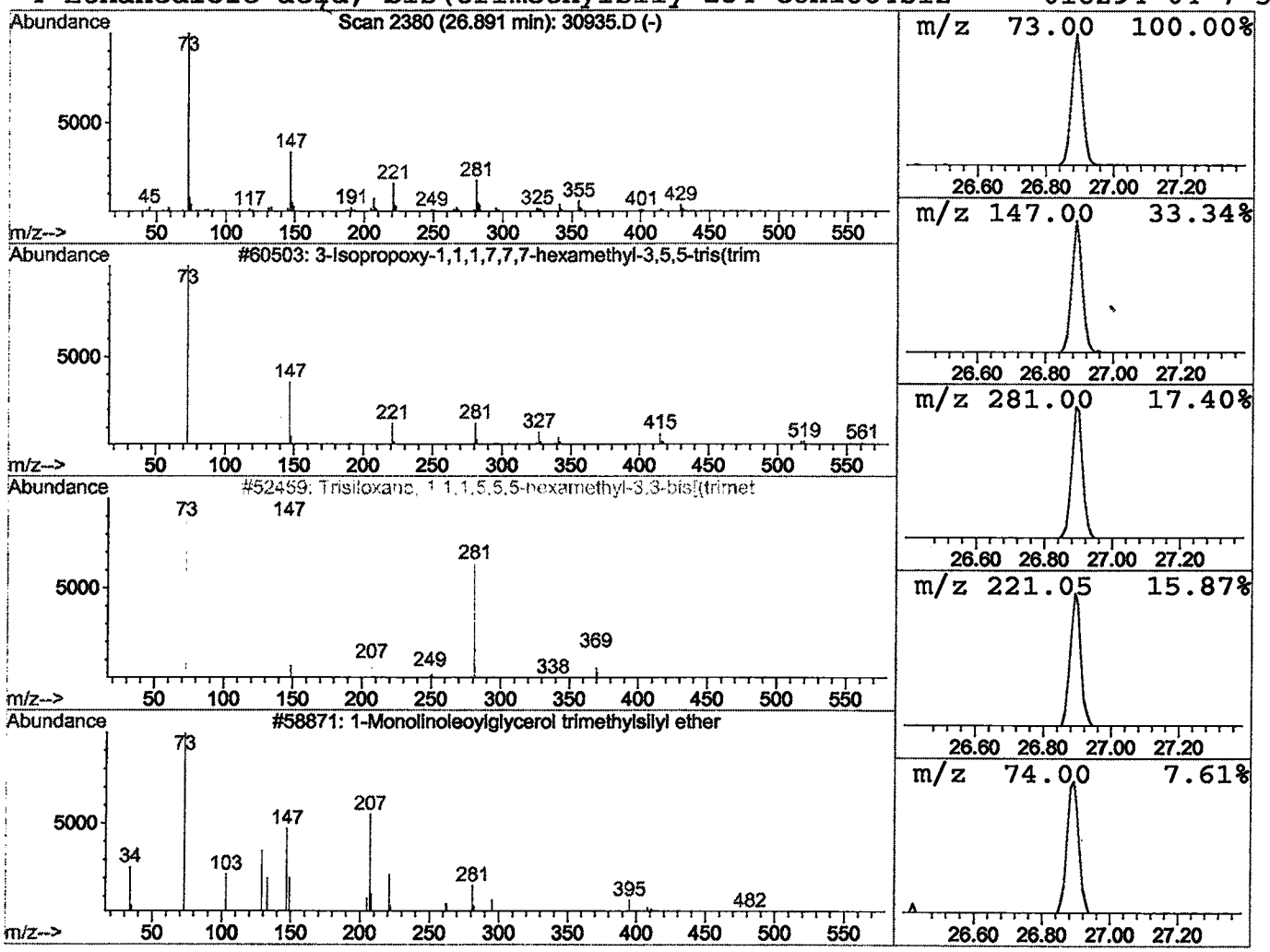
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 26.89 | 0.67 ug/l | 240853 | Phenanthrene-d10 | 24.98 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Isopropoxy-1,1,1,7,7,7-hexamethyl | 576 | C18H52O7Si7 | 071579-69-6 | 50 |
| 2 | Trisiloxane, 1,1,1,5,5,5-hexamethyl | 384 | C12H36O4Si5 | 003555-47-3 | 40 |
| 3 | 1-Monolinoleoylglycerol trimethylsi | 498 | C27H54O4Si2 | 054284-45-6 | 38 |
| 4 | Ethanedioic acid, bis(trimethylsily | 234 | C8H18O4Si2 | 018294-04-7 | 32 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30935.D
Acq On : 2 Jan 2002 11:27 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 48
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

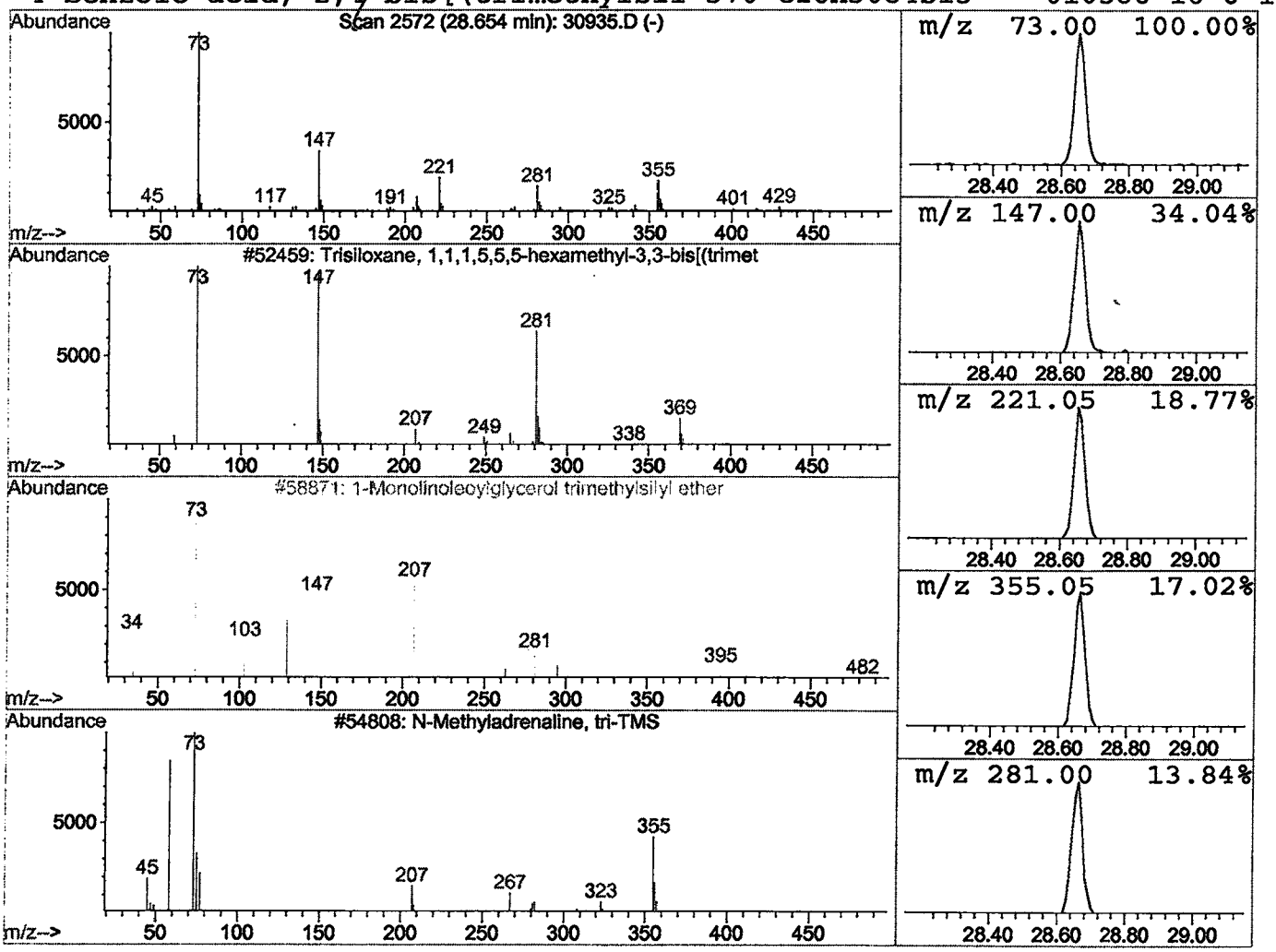
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 10 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 28.65 | 0.49 ug/l | 175665 | 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 | 37 |
| 2 | 1-Monolinoleoylglycerol trimethylsi | 498 | C27H54O4Si2 | 054284-45-6 | 30 |
| 3 | N-Methyladrenaline, tri-TMS | 413 | C19H39NO3Si3 | 000000-00-0 | 25 |
| 4 | Benzoic acid, 2,4-bis[(trimethylsil | 370 | C16H30O4Si3 | 010586-16-0 | 16 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30935.D
Acq On : 2 Jan 2002 11:27 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 48
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

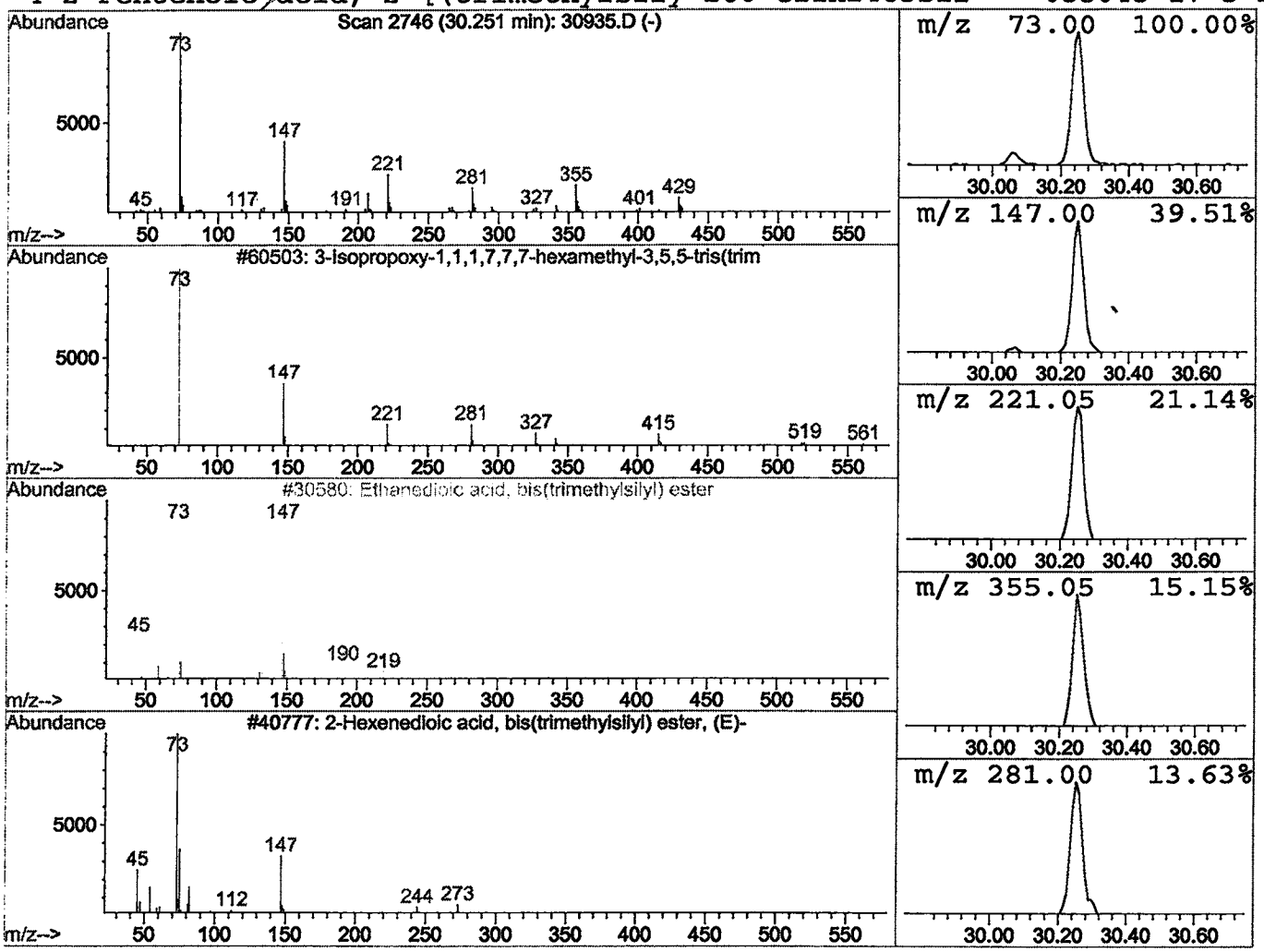
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 11 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 30.25 | 0.59 ug/l | 143347 | 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 | Ethanedioic acid, bis(trimethylsily | 234 | C8H18O4Si2 | 018294-04-7 | 38 |
| 3 | 2-Hexenedioic acid, bis(trimethylsi | 288 | C12H24O4Si2 | 055494-10-5 | 23 |
| 4 | 2-Pentenoic acid, 2-[(trimethylsily | 260 | C11H24O3Si2 | 055045-17-5 | 23 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30935.D
Acq On : 2 Jan 2002 11:27 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 48
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

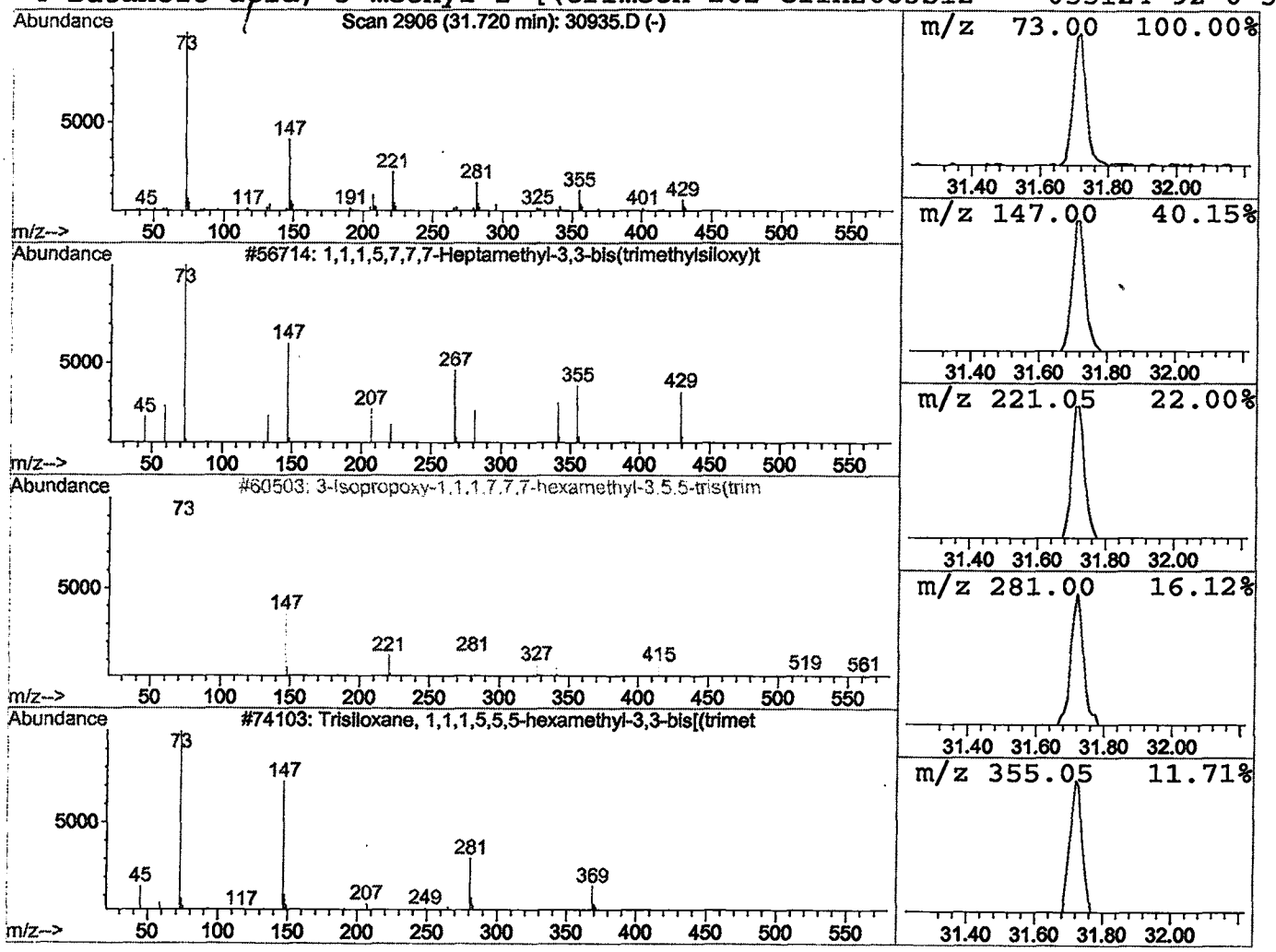
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 12 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 31.72 | 0.50 ug/l | 120565 | 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 | 35 |
| 2 | 3-Isopropoxy-1,1,1,7,7,7-hexamethyl | 576 | C18H52O7Si7 | 071579-69-6 | 33 |
| 3 | Trisiloxane, 1,1,1,5,5,5-hexamethyl | 384 | C12H36O4Si5 | 003555-47-3 | 32 |
| 4 | Butanoic acid, 3-methyl-2-[(trimeth | 262 | C11H26O3Si2 | 055124-92-0 | 32 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30935.D
Acq On : 2 Jan 2002 11:27 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 48
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

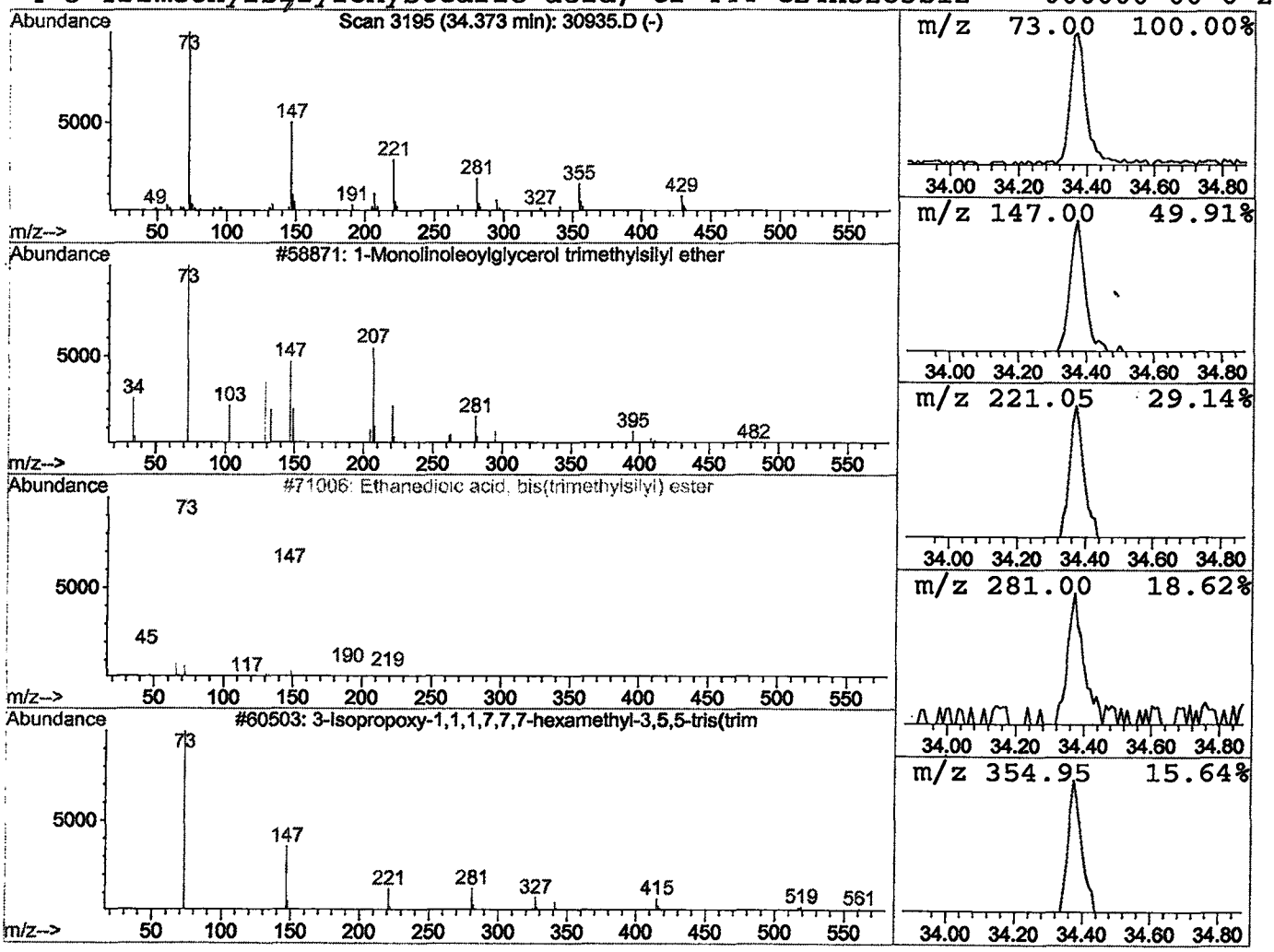
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 13 1-Monolinoleoylglycerol trimet Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 34.37 | 0.30 ug/l | 73061 | Chrysene-d12 | 33.02 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Monolinoleoylglycerol trimethylsi | 498 | C27H54O4Si2 | 054284-45-6 | 42 |
| 2 | Ethanedioic acid, bis(trimethylsily | 234 | C8H18O4Si2 | 018294-04-7 | 35 |
| 3 | 3-Isopropoxy-1,1,1,7,7,7-hexamethyl | 576 | C18H52O7Si7 | 071579-69-6 | 33 |
| 4 | 3-Trimethylsilyloxystearic acid, tr | 444 | C24H52O3Si2 | 000000-00-0 | 23 |



# Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 2 Jan 2002 11:27 am
Data File: C:\HPCHEM\1\DATA\DEC3101\30935.D
Name: gcms scan 12/19a
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 | 4.1 | ug/l | 1084270 | ISTD01 | 11.68 | 5319450 | 20.0 |
| Cyclotetrasiloxane, | 11.13 | 0.3 | ug/l | 77778 | ISTD01 | 11.68 | 5319450 | 20.0 |
| Cyclopentasiloxane, | 14.30 | 1.8 | ug/l | 569671 | ISTD02 | 15.28 | 6504220 | 20.0 |
| 1,1,1,5,7,7,7-Heptam | 17.45 | 3.5 | ug/l | 1126590 | ISTD02 | 15.28 | 6504220 | 20.0 |
| Furan, tetrahydro-2, | 18.16 | 0.3 | ug/l | 97476 | ISTD03 | 20.56 | 7288230 | 20.0 |
| Trisiloxane, 1,1,1,5 | 20.28 | 2.3 | ug/l | 822746 | ISTD03 | 20.56 | 7288230 | 20.0 |
| Benzoic acid, 4-etho | 21.06 | 1.2 | ug/l | 447882 | ISTD03 | 20.56 | 7288230 | 20.0 |
| N-(Trifluoroacetyl)- | 22.79 | 1.4 | ug/l | 515651 | ISTD04 | 24.98 | 7219450 | 20.0 |
| 3-Isopropoxy-1,1,1,7 | 26.89 | 0.7 | ug/l | 240853 | ISTD04 | 24.98 | 7219450 | 20.0 |
| Trisiloxane, 1,1,1,5 | 28.65 | 0.5 | ug/l | 175665 | ISTD04 | 24.98 | 7219450 | 20.0 |
| 3-Isopropoxy-1,1,1,7 | 30.25 | 0.6 | ug/l | 143347 | ISTD05 | 33.02 | 4834960 | 20.0 |
| 1,1,1,5,7,7,7-Heptam | 31.72 | 0.5 | ug/l | 120565 | ISTD05 | 33.02 | 4834960 | 20.0 |
| 1-Monolinoleoylglyce | 34.37 | 0.3 | ug/l | 73061 | ISTD05 | 33.02 | 4834960 | 20.0 |

30935.D GCMS1126.M Fri Jan 25 11:51:09 2002