User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/23/2002 Time: 15:37:52

Sample: AE09676
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/23/02 15:37 Ended: 5/23/02 15:37 Analyst: DLV
Page: 1

| | Component Name | Vial | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | Other unknown compounds | | . | | |
| 2 | Surr_2,4-DDD | | 94 | | 10.0 |

FB

**Comments for Sample AE09676 - Analysis $GCMS**

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-23-2002 Time: 15:38:55

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
This sample was extracted twice because of low Surrogate Standard recovery the first time.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2002\9676.D Vial: 10
Acq On : 20 May 2002 4:02 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 21 11:26 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 12.14 | 152 | 344066 | 40.00 | ug/l | 0.00 |
| 10) Naphthalene-d8 | 15.78 | 136 | 1362013 | 40.00 | ug/l | -0.02 |
| 17) Acenaphthene-d10 | 21.08 | 164 | 639034 | 40.00 | ug/l | 0.00 |
| 30) Phenanthrene-d10 | 25.52 | 188 | 854233 | 40.00 | ug/l | -0.02 |
| 38) Chrysene-d12 | 33.57 | 240 | 431531 | 40.00 | ug/l | -0.03 |
| 44) Perylene-d12 | 37.79 | 264 | 248848 | 40.00 | ug/l | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 28) TCMX | 23.23 | 209 | 120552 | 37.54 | ug/L | 0.00 |
| Spiked Amount 40.000 | | | Recovery = 93.85% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) N-nitrosodimethylamine | 0.00 | 74 | 0 | 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-Nitrosodi-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 | 0.00 | 128 | 0 | 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 | 0.00 | 163 | 0 | N.D. | | |
| 21) 2,6-Dinitrotoluene | 0.00 | 165 | 0 | N.D. | d | |
| 22) Acenaphthylene | 0.00 | 152 | 0 | N.D. | | |
| 23) Acenaphthene | 0.00 | 153 | 0 | N.D. | | |
| 24) 2,4-Dinitrotoluene | 21.50 | 165 | 103 | N.D. | | |
| 25) Diethylphthalate | 22.57 | 149 | 306 | N.D. | | |
| 26) 4-Chlorophenylphenylether | 23.23 | 204 | 347 | N.D. | | |
| 27) Fluorene | 0.00 | 166 | 0 | N.D. | | |
| 29) Azobenzene | 0.00 | 77 | 0 | N.D. | | |
| 31) N-Nitrosodiphenylamine | 23.22 | 168 | 205 | N.D. | | |
| 32) 4-Bromophenylphenylether | 0.00 | 248 | 0 | N.D. | | |
| 33) Hexachlorobenzene | 0.00 | 284 | 0 | N.D. | | |
| 34) Phenanthrene | 25.52 | 178 | 187 | N.D. | | |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2002\9676.D Vial: 10
Acq On : 20 May 2002 4:02 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 21 11:26 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

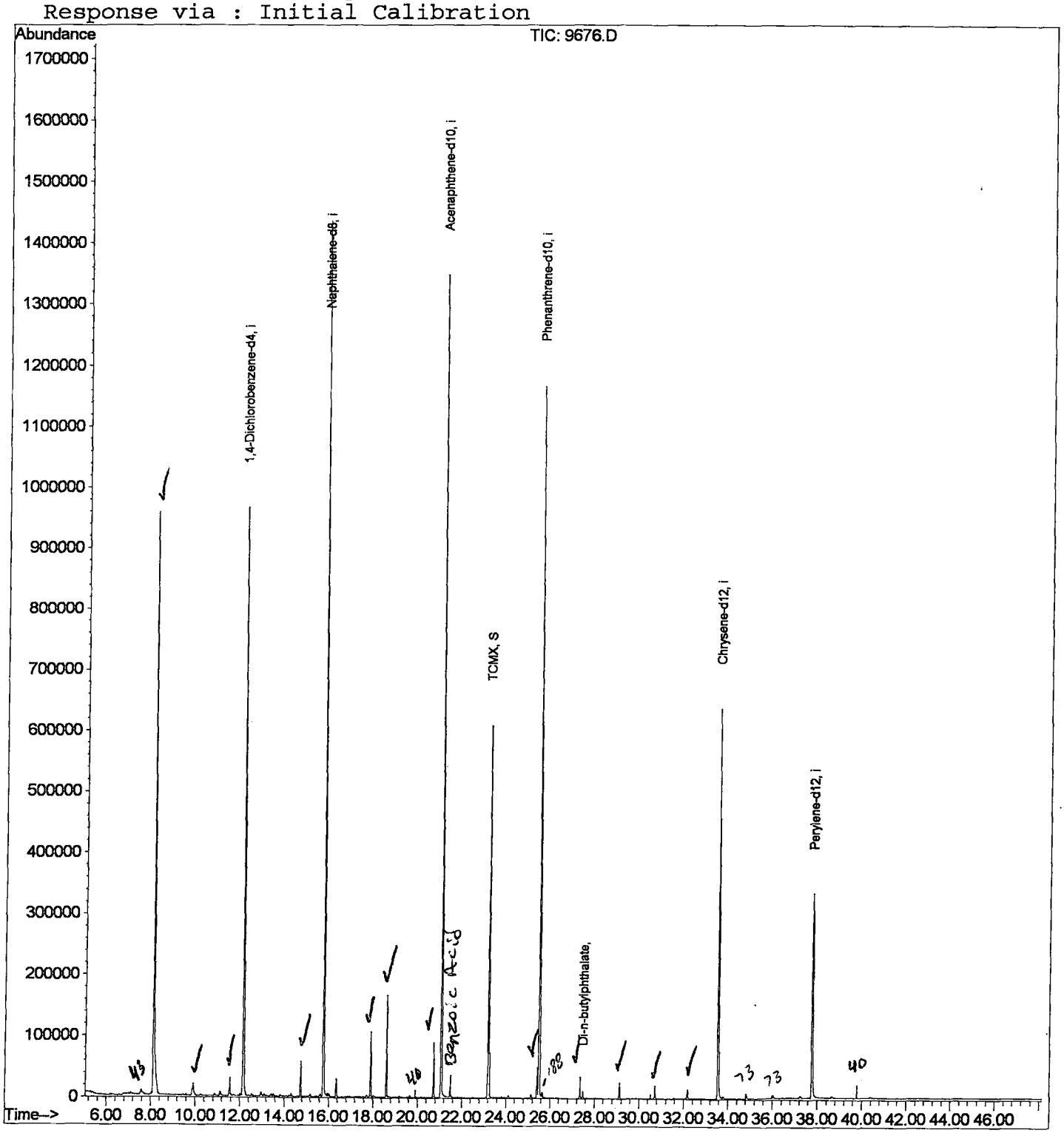
| | Compound | R.T. | QIon | Response | Conc Unit | Qvalue |
|---|---|---|---|---|---|---|
| 35) | Anthracene | 25.52 | 178 | 187 | N.D. | |
| 36) | Di-n-butylphthalate | 27.50 | 149 | 12156 | 0.43 ug/l # | 98 |
| 37) | Fluoranthene | 0.00 | 202 | 0 | N.D. | |
| 39) | Pyrene | 0.00 | 202 | 0 | N.D. | |
| 40) | Butylbenzylphthalate | 0.00 | 149 | 0 | N.D. | |
| 41) | Benzo(a)anthracene | 33.57 | 228 | 1279 | N.D. | |
| 42) | Bis(2-ethylhexyl)phthalate | 33.81 | 149 | 1422 | N.D. | |
| 43) | Chrysene | 33.65 | 228 | 580 | N.D. | |
| 45) | Di-n-Octylphthalate | 35.55 | 149 | 177 | N.D. | |
| 46) | Benzo(b)fluoranthene | 36.63 | 252 | 512 | N.D. | |
| 47) | Benzo(k)fluoranthene | 36.69 | 252 | 1818 | N.D. | |
| 48) | Benzo(a)pyrene | 37.60 | 252 | 301 | 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\MAY2002\9676.D Vial: 10
Acq On : 20 May 2002 4:02 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 21 11:26 2002 Quant Results File: GCMS0520.RES

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration



# LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2002\9676.D  Vial: 10
Acq On : 20 May 2002 4:02 pm  Operator:
Sample : EXTRACTED 5/9  Inst : 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0520.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

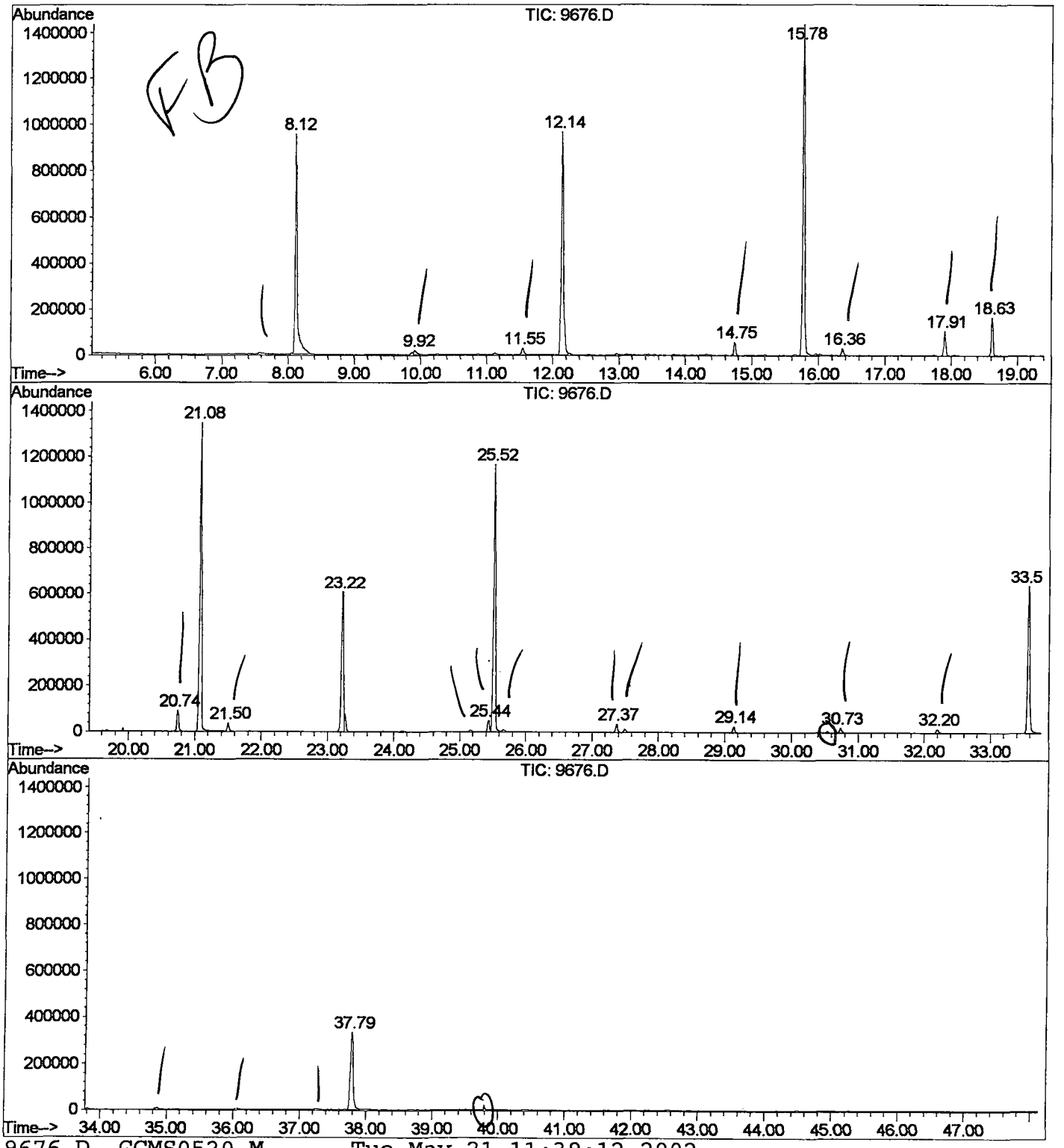
| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 8.116 | 332 | 336 | 363 | rVB | 954373 | 2091827 | 73.58% | 12.086% |
| 2 | 9.921 | 530 | 533 | 542 | rVB | 18352 | 52367 | 1.84% | 0.303% |
| 3 | 11.552 | 703 | 711 | 720 | rBV2 | 30378 | 72501 | 2.55% | 0.419% |
| 4 | 12.139 | 770 | 775 | 786 | rBV | 963213 | 2206232 | 77.60% | 12.747% |
| 5 | 14.751 | 1055 | 1060 | 1066 | rVB | 58207 | 109670 | 3.86% | 0.634% |
| 6 | 15.777 | 1166 | 1172 | 1189 | rBV | 1434241 | 2842966 | 100.00% | 16.426% |
| 7 | 16.363 | 1231 | 1236 | 1244 | rBV | 30318 | 61538 | 2.16% | 0.356% |
| 8 | 17.912 | 1399 | 1405 | 1413 | rBV2 | 106268 | 203227 | 7.15% | 1.174% |
| 9 | 18.627 | 1478 | 1483 | 1489 | rBV | 165013 | 298812 | 10.51% | 1.726% |
| 10 | 20.744 | 1709 | 1714 | 1722 | rVB | 89277 | 168868 | 5.94% | 0.976% |
| 11 | 21.083 | 1744 | 1751 | 1763 | rBV | 1346879 | 2744274 | 96.53% | 15.856% |
| 12 | 21.504 | 1790 | 1797 | 1806 | rVB | 36128 | 71028 | 2.50% | 0.410% |
| 13 | 23.218 | 1976 | 1984 | 1988 | rBV | 607817 | 1308407 | 46.02% | 7.560% |
| 14 | 25.435 | 2220 | 2226 | 2230 | rBV | 49462 | 101273 | 3.56% | 0.585% |
| 15 | 25.518 | 2230 | 2235 | 2245 | rVV2 | 1166221 | 2419438 | 85.10% | 13.979% |
| 16 | 27.369 | 2432 | 2437 | 2445 | rVB | 34543 | 68142 | 2.40% | 0.394% |
| 17 | 29.137 | 2623 | 2630 | 2639 | rVB | 25675 | 50373 | 1.77% | 0.291% |
| 18 | 30.732 | 2797 | 2804 | 2813 | rBV | 20923 | 44759 | 1.57% | 0.259% |
| 19 | 32.198 | 2957 | 2964 | 2970 | rBV2 | 15377 | 34877 | 1.23% | 0.202% |
| 20 | 33.573 | 3107 | 3114 | 3132 | rBV2 | 637115 | 1415101 | 49.78% | 8.176% |
| 21 | 37.788 | 3566 | 3574 | 3587 | rBV | 332727 | 941922 | 33.13% | 5.442% |

Sum of corrected areas: 17307602

9676.D GCMS0520.M Tue May 21 11:39:12 2002

# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2002\9676.D
Operator :
Acquired : 20 May 2002 4:02 pm using AcqMethod GCMS0520
Instrument : 209
Sample Name: EXTRACTED 5/9
Misc Info :
Vial Number: 10
Quant File :GCMS0520.RES (RTE Integrator)




9676.D GCMS0520.M Tue May 21 11:39:12 2002

# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\9676.D  Vial: 10
Acq On : 20 May 2002 4:02 pm  Operator:
Sample : EXTRACTED 5/9  Inst : 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

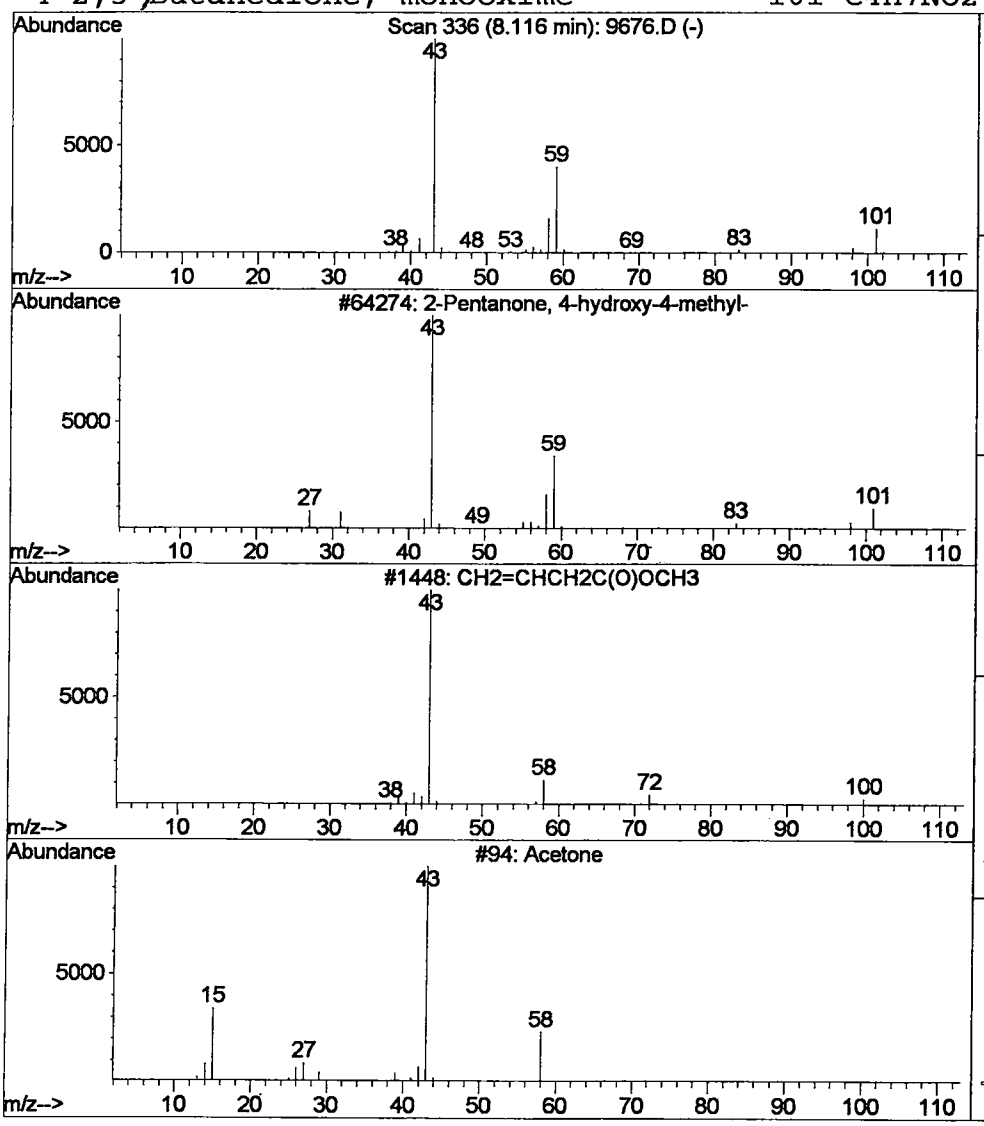
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

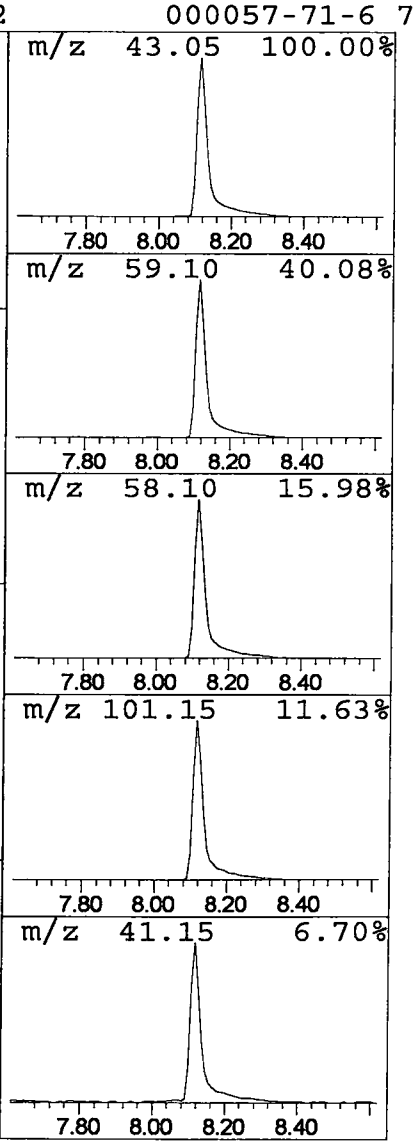
**********

Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.12 | 37.93 ug/l | 2091830 | 1,4-Dichlorobenzene-d4 | 12.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 78 |
| 2 | CH2=CHCH2C(O)OCH3 | 100 | C5H8O2 | 003724-55-8 | 9 |
| 3 | Acetone | 58 | C3H6O | 000067-64-1 | 7 |
| 4 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 7 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\9676.D  Vial: 10
Acq On : 20 May 2002 4:02 pm  Operator:
Sample : EXTRACTED 5/9  Inst : 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

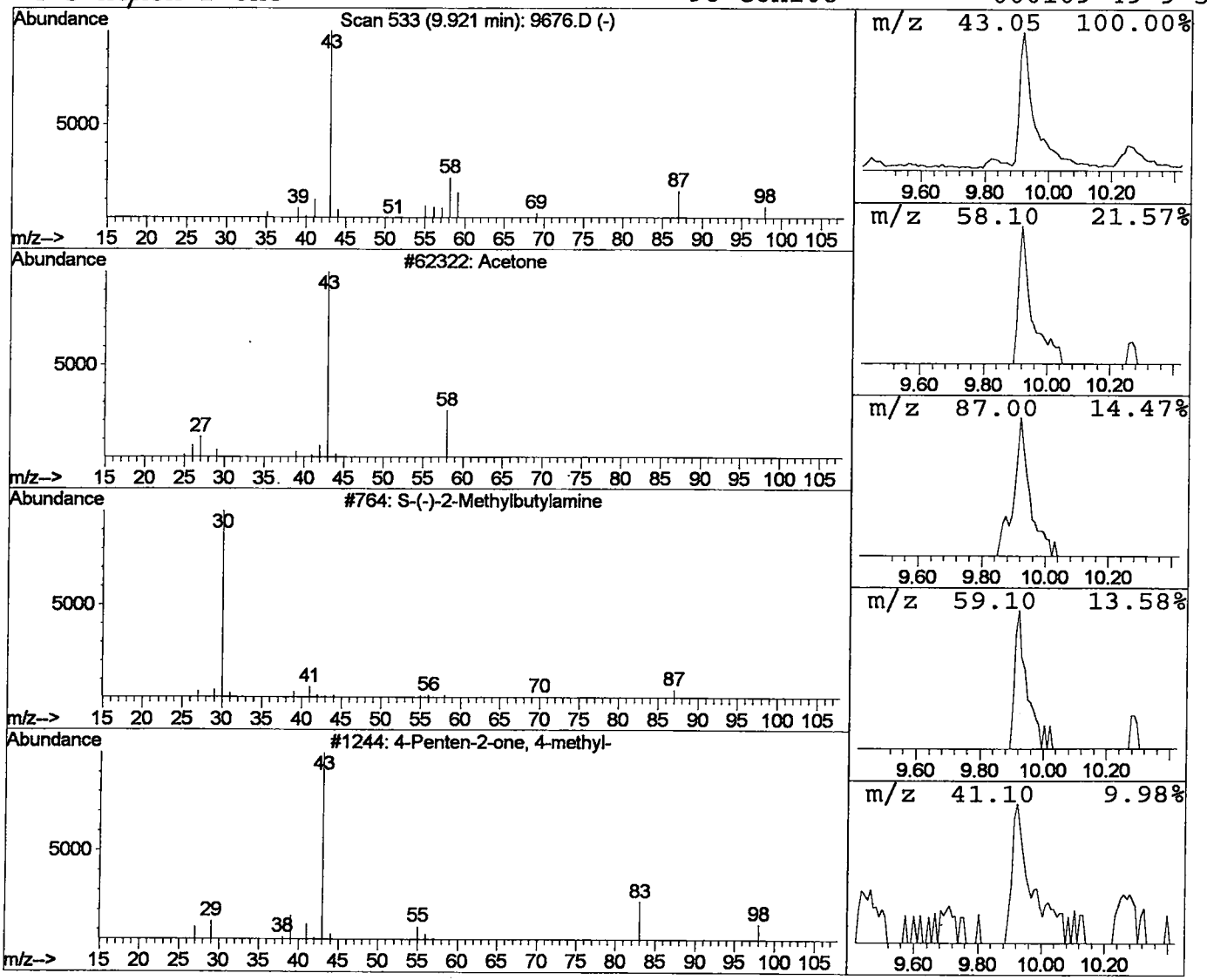
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 2 Acetone  Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.92 | 0.95 ug/l | 52367 | 1,4-Dichlorobenzene-d4 | 12.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acetone | 58 | C3H6O | 000067-64-1 | 9 |
| 2 | S-(-)-2-Methylbutylamine | 87 | C5H13N | 020626-52-2 | 7 |
| 3 | 4-Penten-2-one, 4-methyl- | 98 | C6H10O | 003744-02-3 | 7 |
| 4 | 5-Hexen-2-one | 98 | C6H10O | 000109-49-9 | 5 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\9676.D  Vial: 10
Acq On : 20 May 2002 4:02 pm  Operator:
Sample : EXTRACTED 5/9  Inst : 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

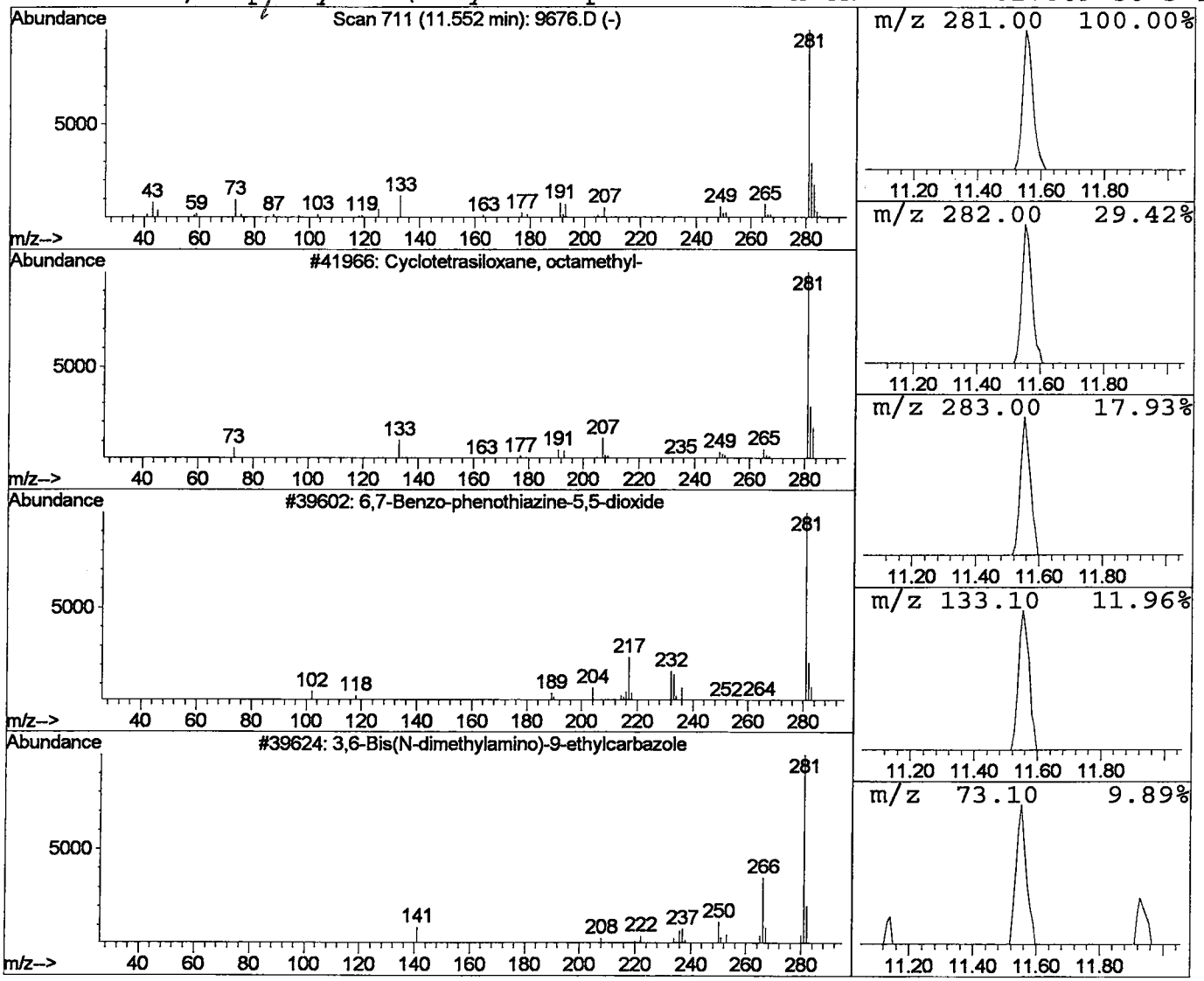
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 3 Cyclotetrasiloxane, octamethyl Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.55 | 1.31 ug/l | 72501 | 1,4-Dichlorobenzene-d4 | 12.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclotetrasiloxane, octamethyl- | 296 | C8H24O4Si4 | 000556-67-2 | 91 |
| 2 | 6,7-Benzo-phenothiazine-5,5-dioxide | 281 | C16H11NO2S | 000000-00-0 | 9 |
| 3 | 3,6-Bis(N-dimethylamino)-9-ethylcar | 281 | C18H23N3 | 057103-04-5 | 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\MAY2002\9676.D  Vial: 10
Acq On : 20 May 2002 4:02 pm  Operator:
Sample : EXTRACTED 5/9  Inst : 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

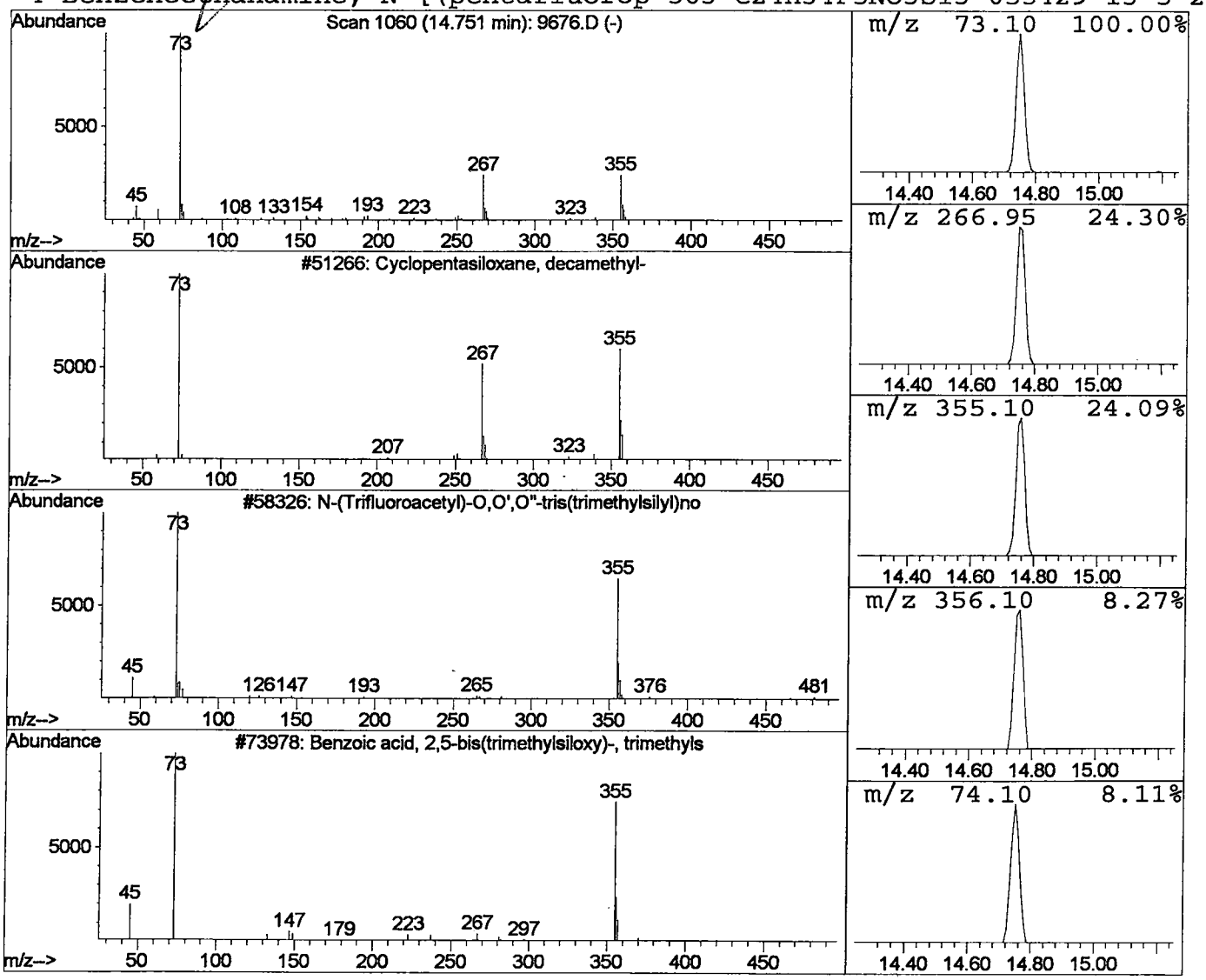
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 4 Cyclopentasiloxane, decamethyl Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.75 | 1.54 ug/l | 109670 | Naphthalene-d8 | 15.78 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentasiloxane, decamethyl- | 370 | C10H30O5Si5 | 000541-02-6 | 90 |
| 2 | N-(Trifluoroacetyl)-O,O',O''-tris(t | 481 | C19H34F3NO4Si3 | 000000-00-0 | 28 |
| 3 | Benzoic acid, 2,5-bis(trimethylsilo | 370 | C16H30O4Si3 | 003618-20-0 | 28 |
| 4 | Benzeneethanamine, N-[(pentafluorop | 563 | C24H34F5NO3Si3 | 055429-13-5 | 28 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\9676.D  Vial: 10
Acq On : 20 May 2002 4:02 pm  Operator:
Sample : EXTRACTED 5/9  Inst : 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

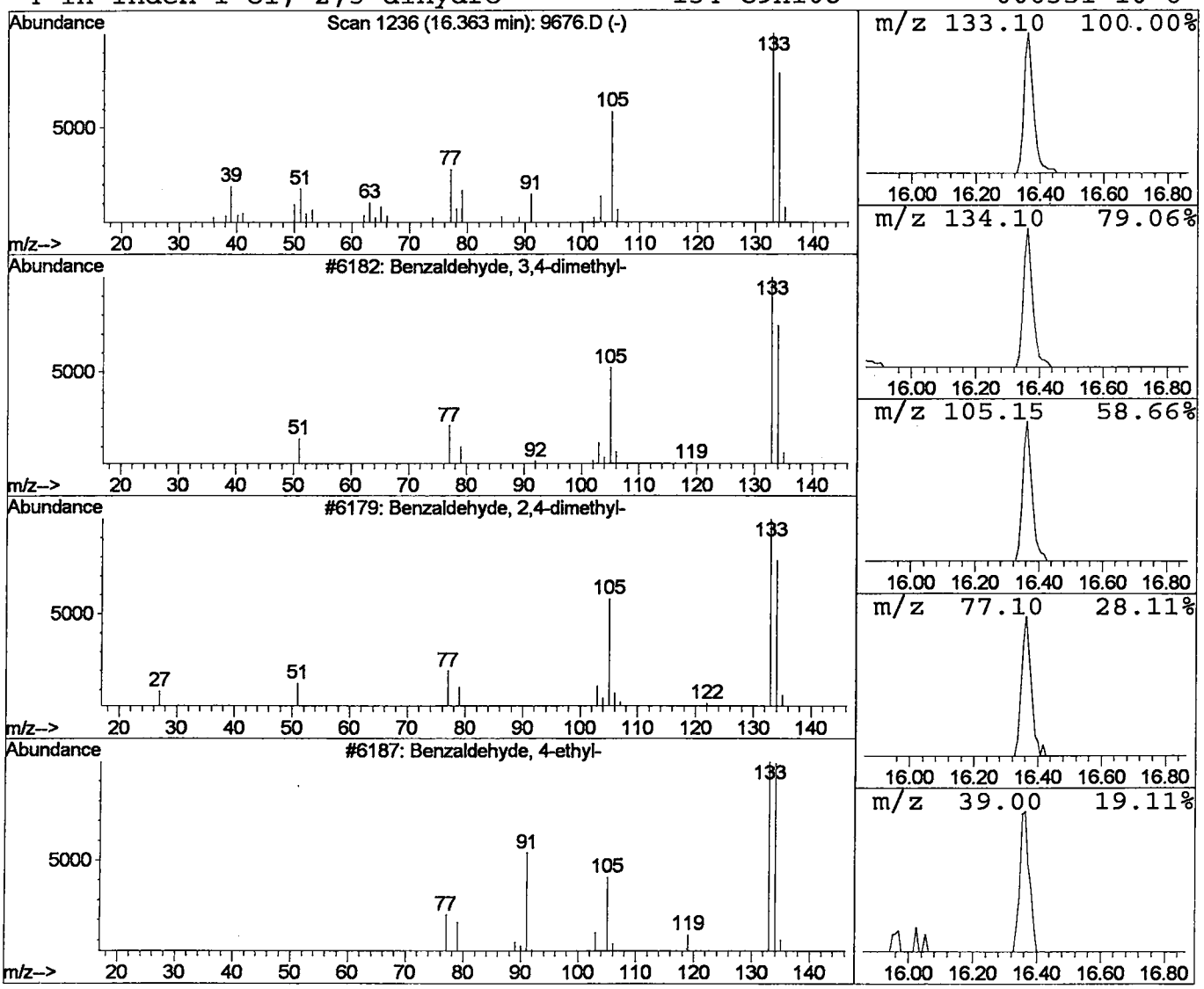
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 5 Benzaldehyde, 3,4-dimethyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.36 | 0.87 ug/l | 61538 | Naphthalene-d8 | 15.78 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzaldehyde, 3,4-dimethyl- | 134 | C9H10O | 005973-71-7 | 90 |
| 2 | Benzaldehyde, 2,4-dimethyl- | 134 | C9H10O | 015764-16-6 | 87 |
| 3 | Benzaldehyde, 4-ethyl- | 134 | C9H10O | 004748-78-1 | 86 |
| 4 | 1H-Inden-1-ol, 2,3-dihydro- | 134 | C9H10O | 006351-10-6 | 78 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\9676.D  Vial: 10
Acq On : 20 May 2002 4:02 pm  Operator:
Sample : EXTRACTED 5/9  Inst : 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

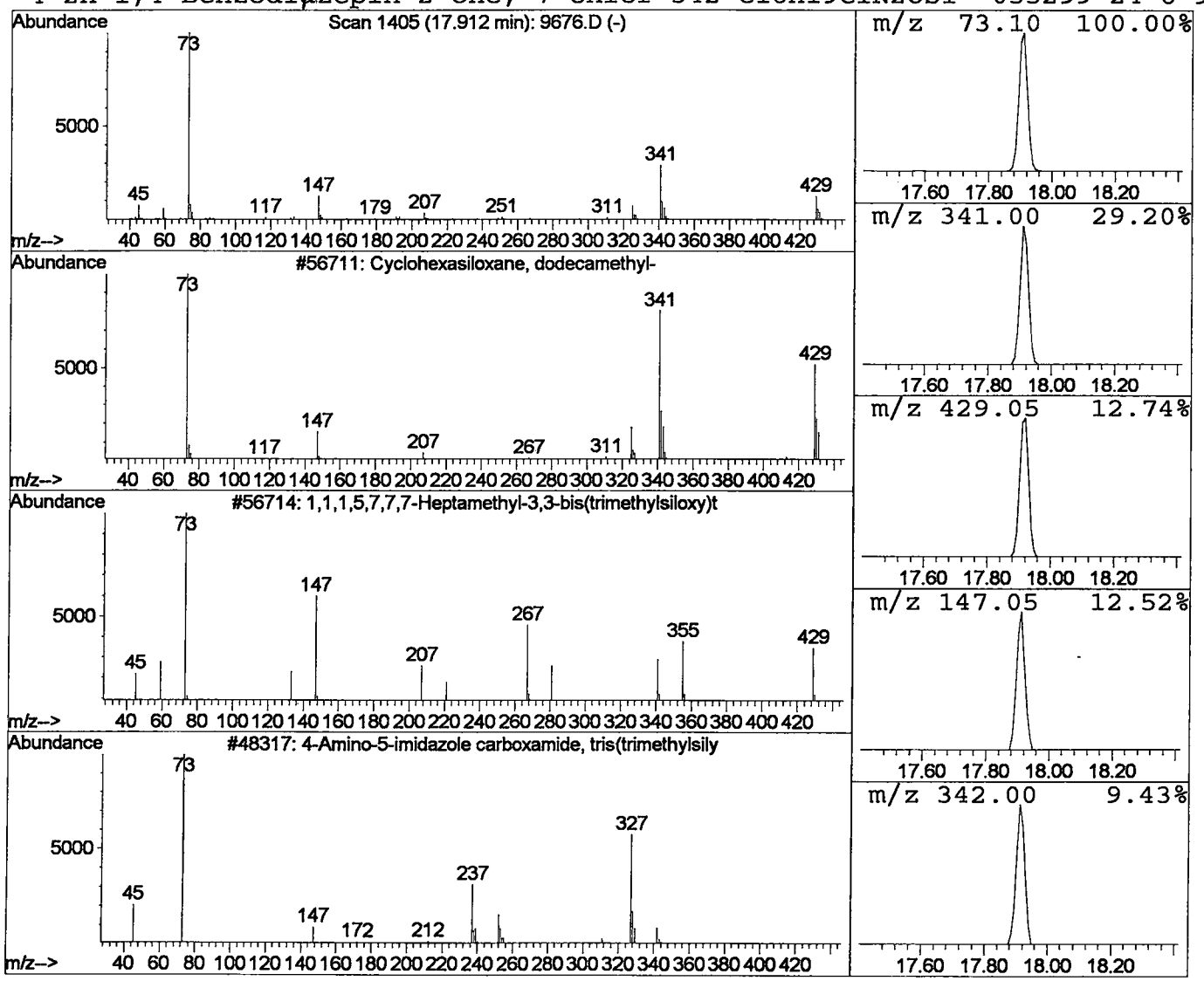
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 6 Cyclohexasiloxane, dodecamethy Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.91 | 2.86 ug/l | 203227 | Naphthalene-d8 | 15.78 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexasiloxane, dodecamethyl- | 444 | C12H36O6Si6 | 000540-97-6 | 40 |
| 2 | 1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t | 444 | C13H40O5Si6 | 038147-00-1 | 28 |
| 3 | 4-Amino-5-imidazole carboxamide, tr | 342 | C13H30N4OSi3 | 000000-00-0 | 25 |
| 4 | 2H-1,4-Benzodiazepin-2-one, 7-chlor | 342 | C18H19ClN2OSi | 055299-24-6 | 9 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\9676.D  Vial: 10
Acq On : 20 May 2002 4:02 pm  Operator:
Sample : EXTRACTED 5/9  Inst : 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

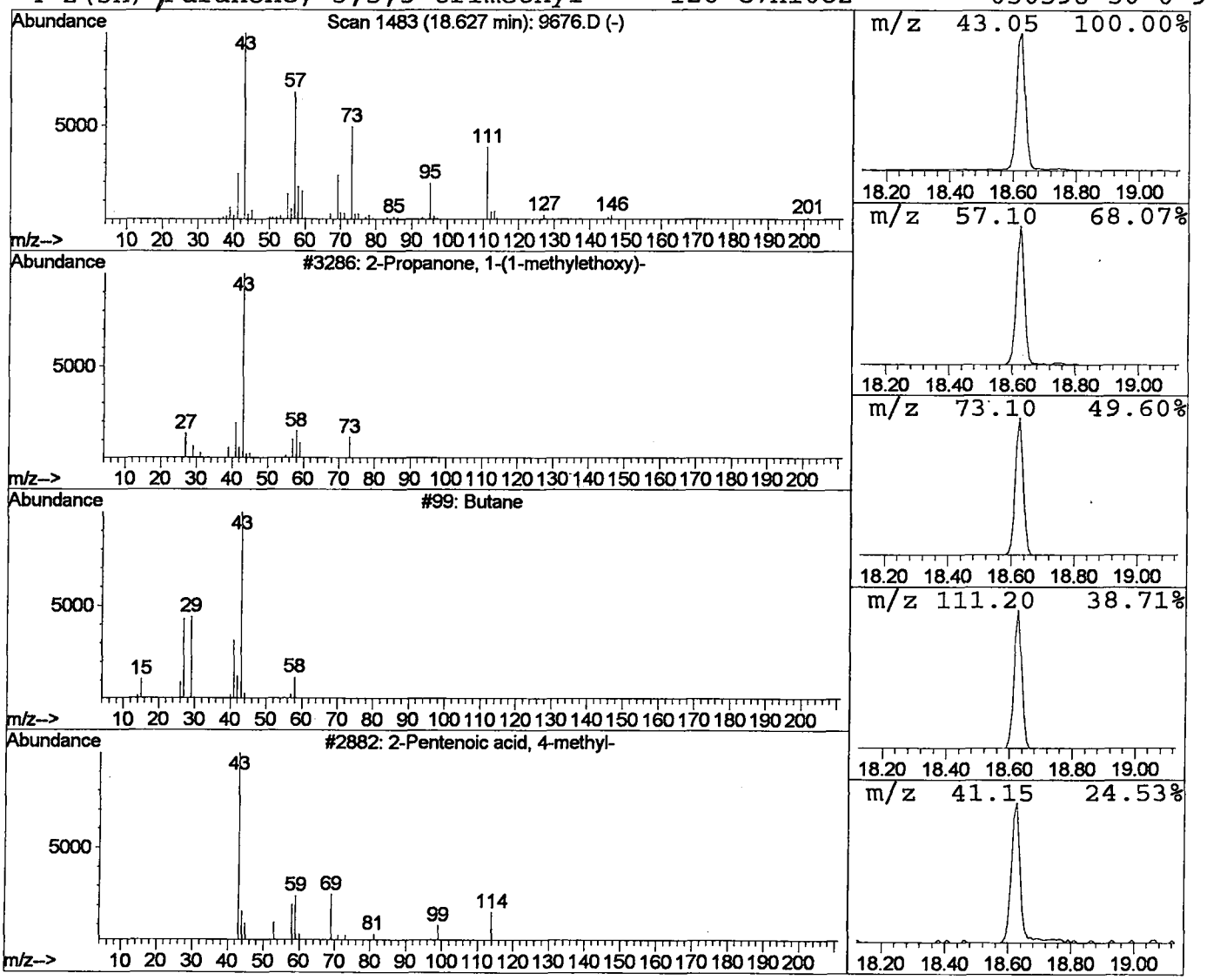
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 7 2-Propanone, 1-(1-methylethoxy Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.63 | 4.36 ug/l | 298812 | Acenaphthene-d10 | 21.08 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Propanone, 1-(1-methylethoxy)- | 116 | C6H12O2 | 042781-12-4 | 17 |
| 2 | Butane | 58 | C4H10 | 000106-97-8 | 9 |
| 3 | 2-Pentenoic acid, 4-methyl- | 114 | C6H10O2 | 010321-71-8 | 9 |
| 4 | 2(5H)-Furanone, 3,5,5-trimethyl- | 126 | C7H10O2 | 050598-50-0 | 9 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\9676.D  Vial: 10
Acq On : 20 May 2002 4:02 pm  Operator:
Sample : EXTRACTED 5/9  Inst : 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

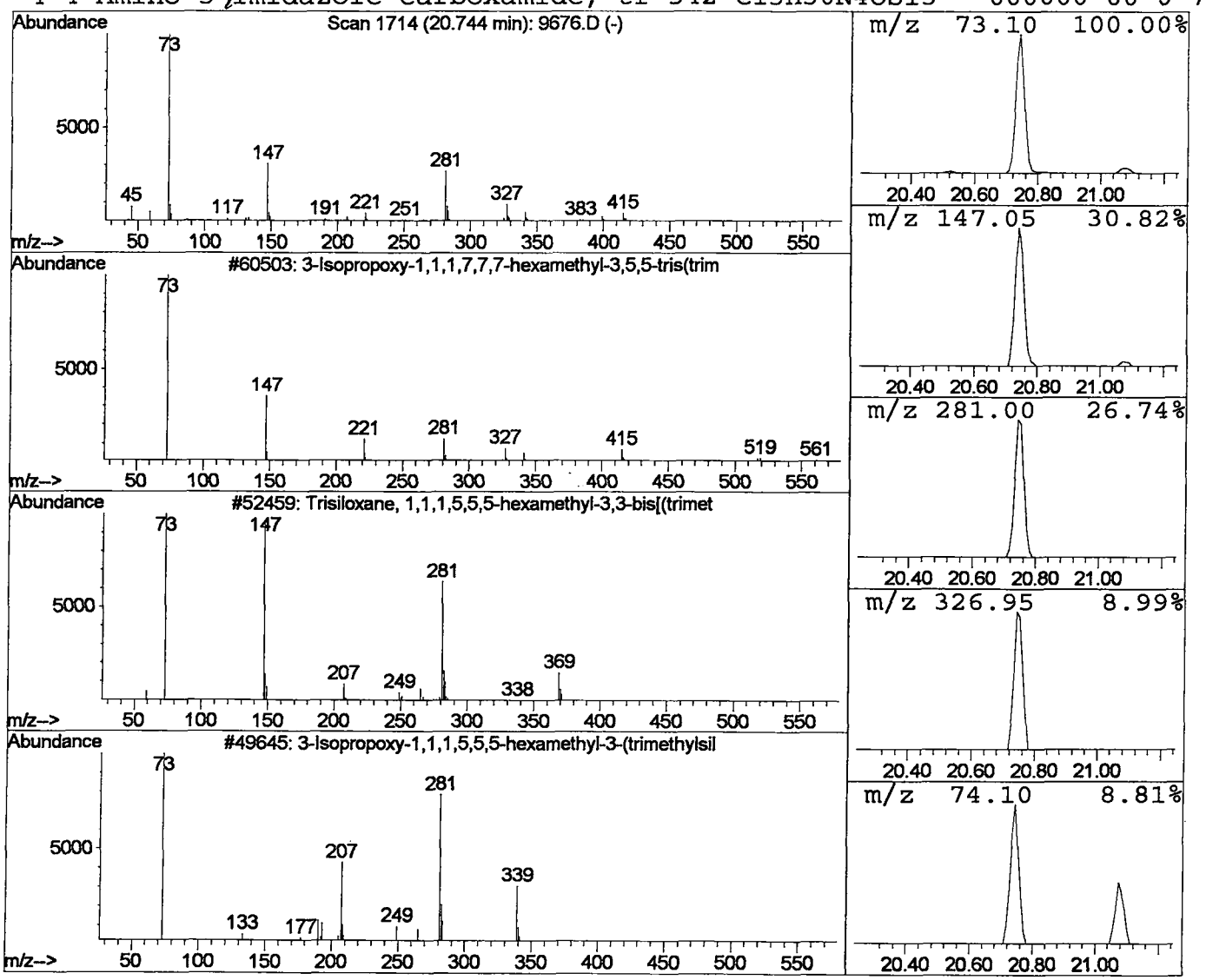
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 8 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.74 | 2.46 ug/l | 168868 | Acenaphthene-d10 | 21.08 |

| 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 | Trisiloxane, 1,1,1,5,5,5-hexamethyl | 384 | C12H36O4Si5 | 003555-47-3 | 38 |
| 3 | 3-Isopropoxy-1,1,1,5,5,5-hexamethyl | 354 | C12H34O4Si4 | 072182-11-7 | 25 |
| 4 | 4-Amino-5-imidazole carboxamide, tr | 342 | C13H30N4OSi3 | 000000-00-0 | 7 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\9676.D  Vial: 10
Acq On : 20 May 2002 4:02 pm  Operator:
Sample : EXTRACTED 5/9  Inst : 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

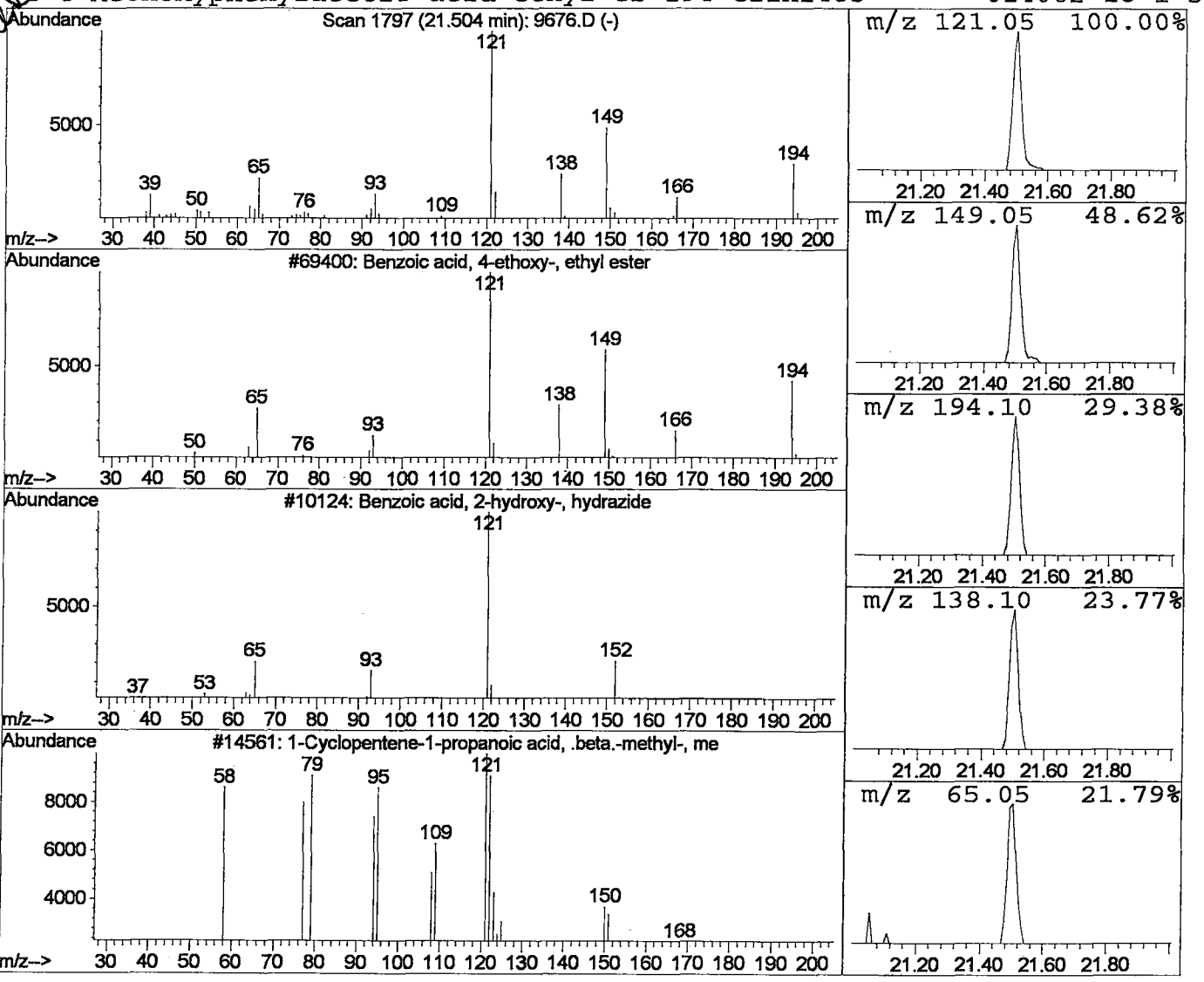
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 9 Benzoic acid, 4-ethoxy-, ethyl Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.50 | 1.04 ug/l | 71028 | Acenaphthene-d10 | 21.08 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzoic acid, 4-ethoxy-, ethyl este | 194 | C11H14O3 | 023676-09-7 | 95 |
| 2 | Benzoic acid, 2-hydroxy-, hydrazide | 152 | C7H8N2O2 | 000936-02-7 | 43 |
| 3 | 1-Cyclopentene-1-propanoic acid, .b | 168 | C10H16O2 | 061833-30-5 | 38 |
| 4 | 4-Methoxyphenylacetic acid ethyl es | 194 | C11H14O3 | 014062-18-1 | 38 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\9676.D  Vial: 10
Acq On : 20 May 2002 4:02 pm  Operator:
Sample : EXTRACTED 5/9  Inst : 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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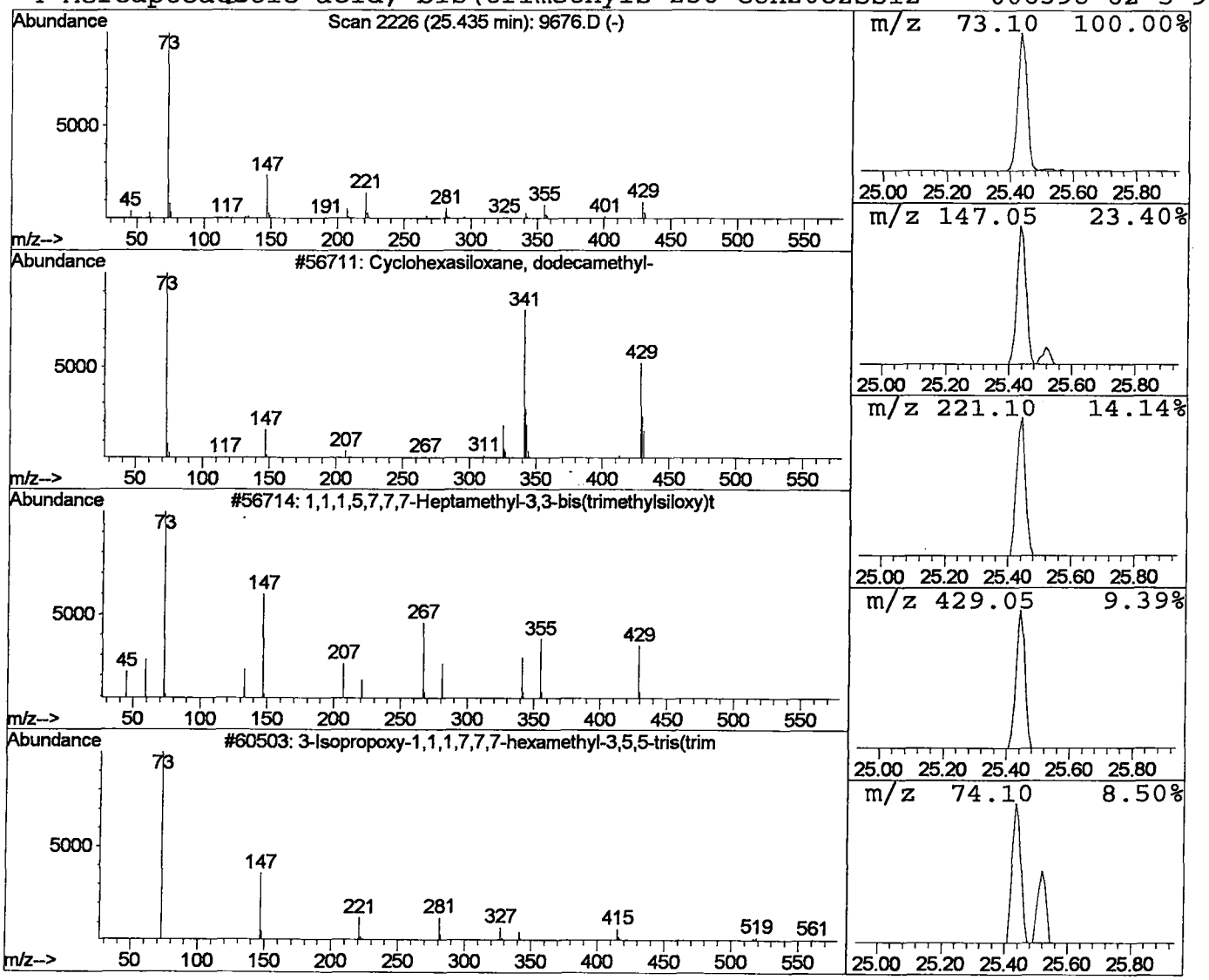
Peak Number 10 Cyclohexasiloxane, dodecamethy Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.44 | 1.67 ug/l | 101273 | Phenanthrene-d10 | 25.52 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexasiloxane, dodecamethyl- | 444 | C12H36O6Si6 | 000540-97-6 | 32 |
| 2 | 1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t | 444 | C13H40O5Si6 | 038147-00-1 | 32 |
| 3 | 3-Isopropoxy-1,1,1,7,7,7-hexamethyl | 576 | C18H52O7Si7 | 071579-69-6 | 32 |
| 4 | Mercaptoacetic acid, bis(trimethyls | 236 | C8H20O2SSi2 | 006398-62-5 | 9 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\9676.D  Vial: 10
Acq On : 20 May 2002 4:02 pm  Operator:
Sample : EXTRACTED 5/9  Inst : 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

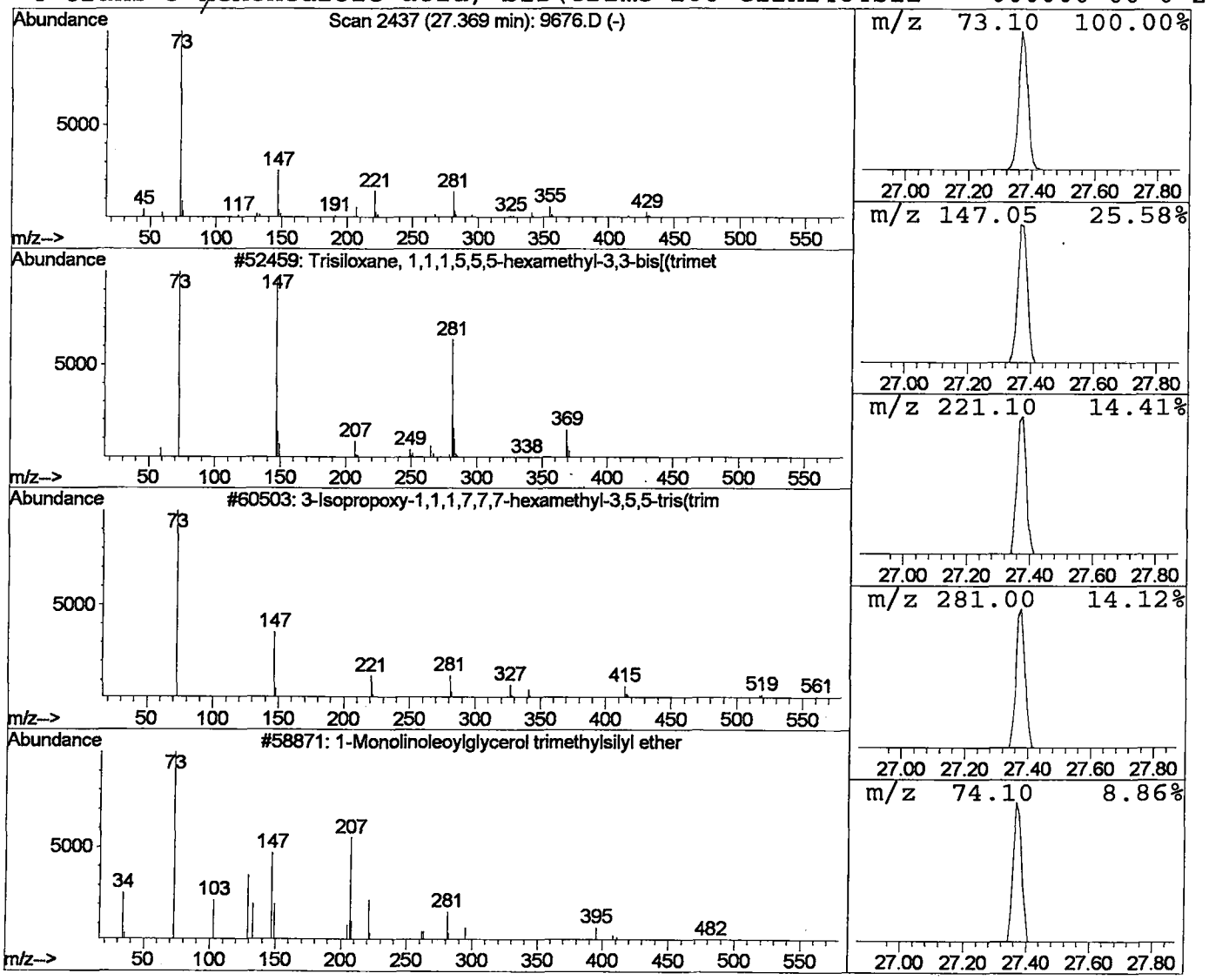
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 11 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 27.37 | 1.13 ug/l | 68142 | Phenanthrene-d10 | 25.52 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Trisiloxane, 1,1,1,5,5,5-hexamethyl | 384 | C12H36O4Si5 | 003555-47-3 | 33 |
| 2 | 3-Isopropoxy-1,1,1,7,7,7-hexamethyl | 576 | C18H52O7Si7 | 071579-69-6 | 33 |
| 3 | 1-Monolinoleoylglycerol trimethylsi | 498 | C27H54O4Si2 | 054284-45-6 | 33 |
| 4 | trans-3-Hexenedioic acid, bis(trime | 288 | C12H24O4Si2 | 000000-00-0 | 23 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\9676.D  Vial: 10
Acq On : 20 May 2002 4:02 pm  Operator:
Sample : EXTRACTED 5/9  Inst : 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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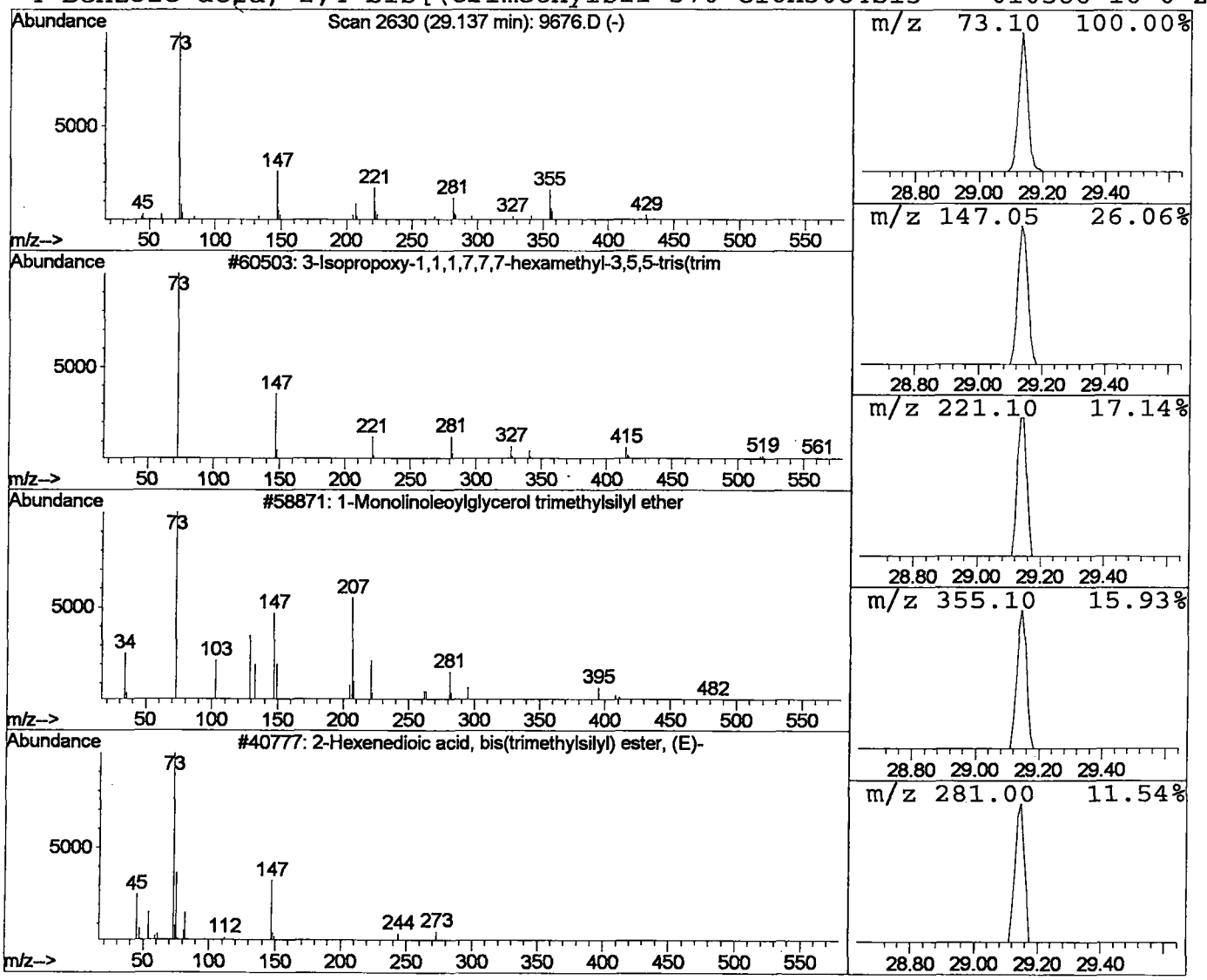
Peak Number 12 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 29.14 | 0.83 ug/l | 50373 | Phenanthrene-d10 | 25.52 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Isopropoxy-1,1,1,7,7,7-hexamethyl | 576 | C18H52O7Si7 | 071579-69-6 | 36 |
| 2 | 1-Monolinoleoylglycerol trimethylsi | 498 | C27H54O4Si2 | 054284-45-6 | 28 |
| 3 | 2-Hexenedioic acid, bis(trimethylsi | 288 | C12H24O4Si2 | 055494-10-5 | 25 |
| 4 | Benzoic acid, 2,4-bis[(trimethylsil | 370 | C16H30O4Si3 | 010586-16-0 | 23 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\9676.D  Vial: 10
Acq On : 20 May 2002 4:02 pm  Operator:
Sample : EXTRACTED 5/9  Inst : 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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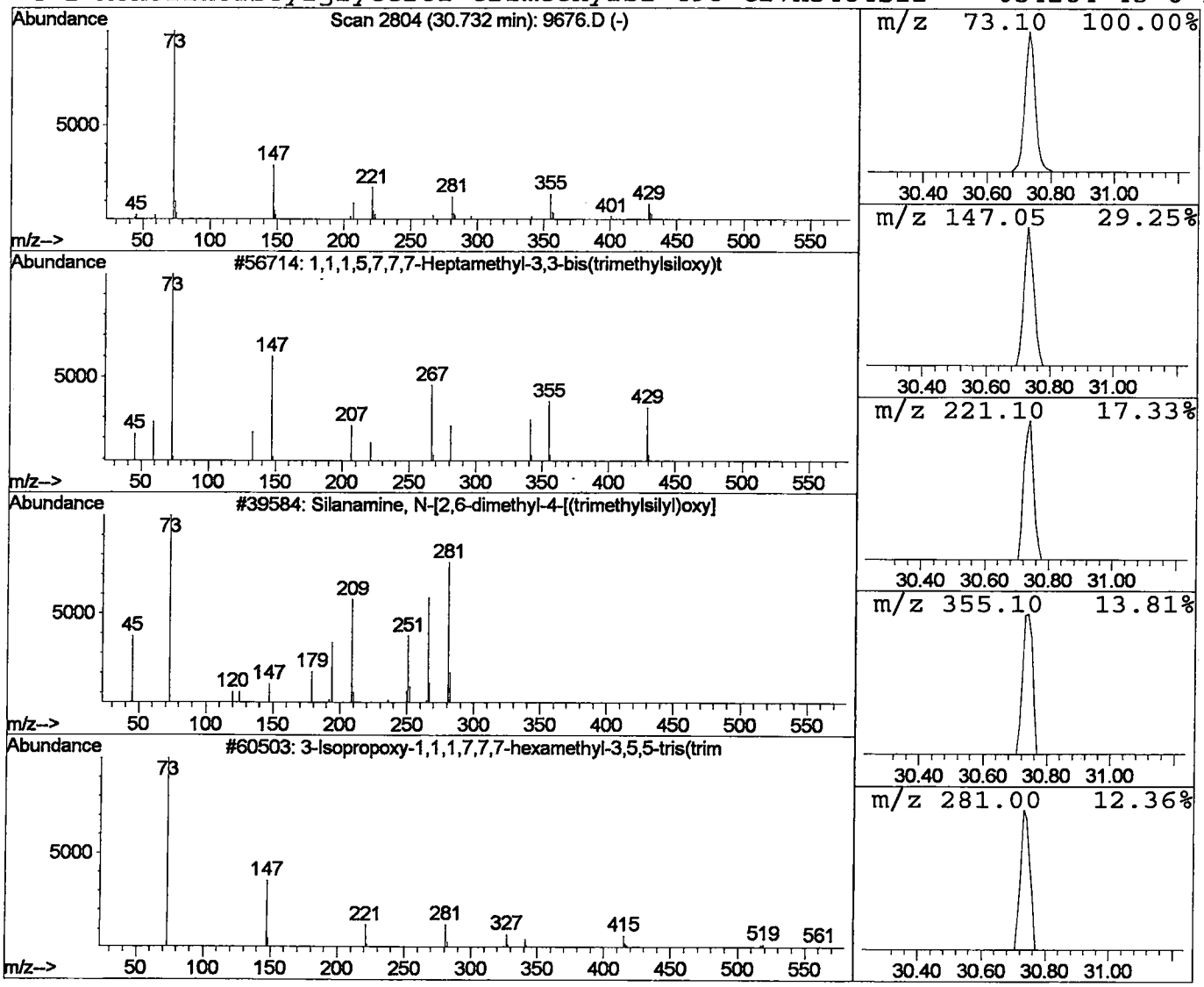
Peak Number 13 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 30.73 | 1.27 ug/l | 44759 | Chrysene-d12 | 33.57 |

| 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 | 50 |
| 2 | Silanamine, N-[2,6-dimethyl-4-[(tri | 281 | C14H27NOSi2 | 072088-09-6 | 25 |
| 3 | 3-Isopropoxy-1,1,1,7,7,7-hexamethyl | 576 | C18H52O7Si7 | 071579-69-6 | 25 |
| 4 | 1-Monolinoleoylglycerol trimethylsi | 498 | C27H54O4Si2 | 054284-45-6 | 17 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\9676.D  Vial: 10
Acq On : 20 May 2002 4:02 pm  Operator:
Sample : EXTRACTED 5/9  Inst : 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

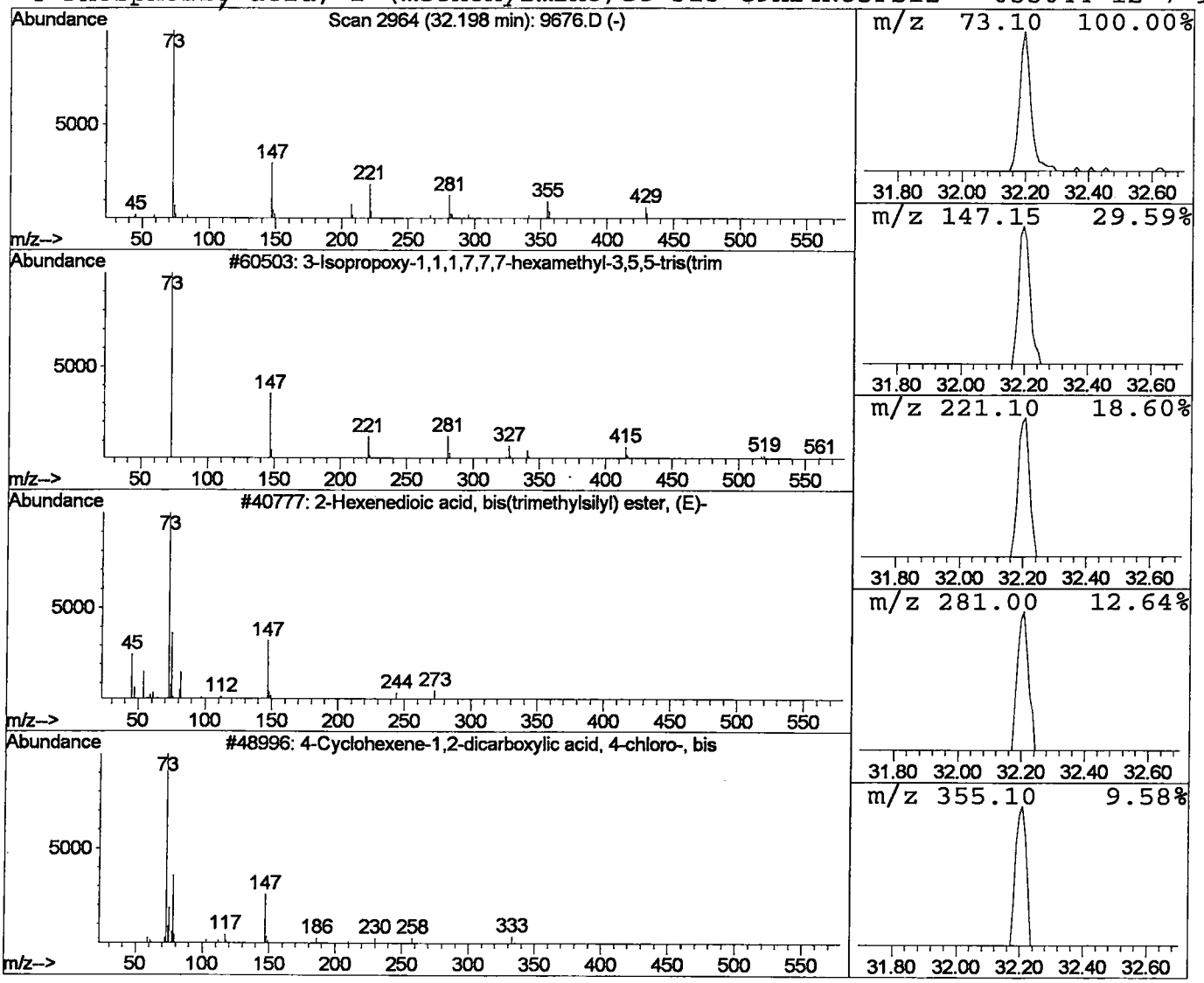
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 14 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 32.20 | 0.99 ug/l | 34877 | Chrysene-d12 | 33.57 |

| 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 | 2-Hexenedioic acid, bis(trimethylsi | 288 | C12H24O4Si2 | 055494-10-5 | 25 |
| 3 | 4-Cyclohexene-1,2-dicarboxylic acid | 348 | C14H25ClO4Si2 | 106450-29-7 | 17 |
| 4 | Phosphoric acid, 2-(methoxyimino)et | 313 | C9H24NO5PSi2 | 055044-12-7 | 9 |



# Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 20 May 2002 4:02 pm
Data File: C:\HPCHEM\1\DATA\MAY2002\9676.D
Name: EXTRACTED 5/9
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0520.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 |
|---|---|---|---|---|---|---|---|---|
| 2-Pentanone, 4-hydro | 8.12 | 37.9 | ug/l | 2091830 | ISTD01 | 12.14 | 2206230 | 40.0 |
| Acetone | 9.92 | 0.9 | ug/l | 52367 | ISTD01 | 12.14 | 2206230 | 40.0 |
| Cyclotetrasiloxane, | 11.55 | 1.3 | ug/l | 72501 | ISTD01 | 12.14 | 2206230 | 40.0 |
| Cyclopentasiloxane, | 14.75 | 1.5 | ug/l | 109670 | ISTD02 | 15.78 | 2842970 | 40.0 |
| Benzaldehyde, 3,4-di | 16.36 | 0.9 | ug/l | 61538 | ISTD02 | 15.78 | 2842970 | 40.0 |
| Cyclohexasiloxane, d | 17.91 | 2.9 | ug/l | 203227 | ISTD02 | 15.78 | 2842970 | 40.0 |
| 2-Propanone, 1-(1-me | 18.63 | 4.4 | ug/l | 298812 | ISTD03 | 21.08 | 2744270 | 40.0 |
| 3-Isopropoxy-1,1,1,7 | 20.74 | 2.5 | ug/l | 168868 | ISTD03 | 21.08 | 2744270 | 40.0 |
| Benzoic acid, 4-etho | 21.50 | 1.0 | ug/l | 71028 | ISTD03 | 21.08 | 2744270 | 40.0 |
| Cyclohexasiloxane, d | 25.44 | 1.7 | ug/l | 101273 | ISTD04 | 25.52 | 2419440 | 40.0 |
| Trisiloxane, 1,1,1,5 | 27.37 | 1.1 | ug/l | 68142 | ISTD04 | 25.52 | 2419440 | 40.0 |
| 3-Isopropoxy-1,1,1,7 | 29.14 | 0.8 | ug/l | 50373 | ISTD04 | 25.52 | 2419440 | 40.0 |
| 1,1,1,5,7,7,7-Heptam | 30.73 | 1.3 | ug/l | 44759 | ISTD05 | 33.57 | 1415100 | 40.0 |
| 3-Isopropoxy-1,1,1,7 | 32.20 | 1.0 | ug/l | 34877 | ISTD05 | 33.57 | 1415100 | 40.0 |

column flow

9676.D GCMS0520.M Tue May 21 11:39:25 2002