User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 16:57:28

Sample: AE01636
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/5/02 16:56 Ended: 3/5/02 16:56 Analyst: DLV
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | Other unknown compounds | | . | | |
| 2 | Surr_2,4-DDD | | 75 | | 5.0 |

**Comments for Sample AE01636 - Analysis $GCMS**

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-05-2002 Time: 16:57:37

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 22 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB21\01636.D Vial: 5
Acq On : 21 Feb 2002 6:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 21, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 25 10:49:16 2002 Quant Results File: HP022102.RES

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration
DataAcq Meth : HP020702

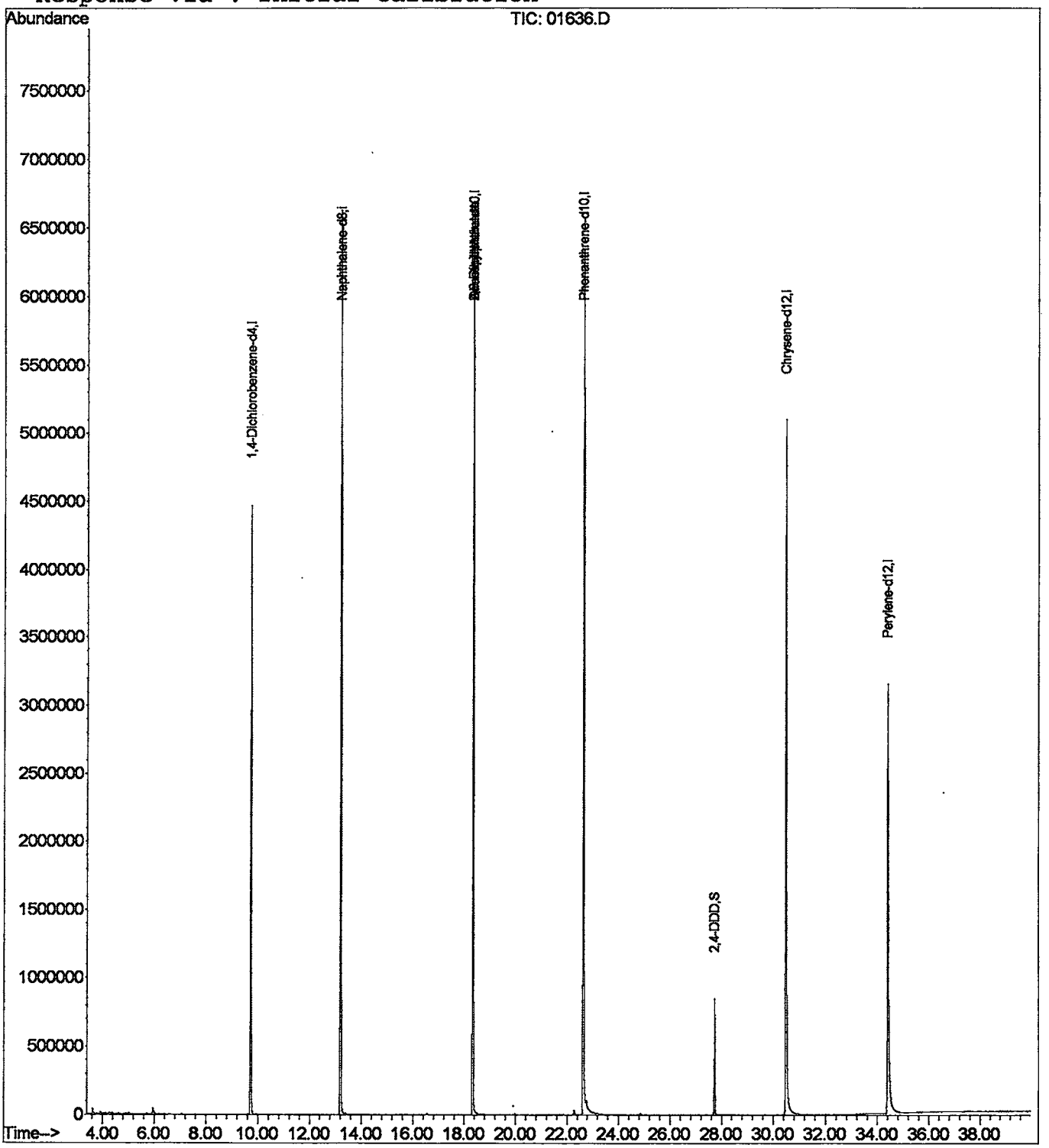
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 9.72 | 152 | 1548357 | 20.00 | ug/L | 0.00 |
| 10) Naphthalene-d8 | 13.20 | 136 | 6726965 | 20.00 | ug/L | 0.00 |
| 17) Acenaphthene-d10 | 18.34 | 164 | 3390108 | 20.00 | ug/L | 0.00 |
| 29) Phenanthrene-d10 | 22.63 | 188 | 6002699 | 20.00 | ug/L | -0.01 |
| 38) Chrysene-d12 | 30.49 | 240 | 4137293 | 20.00 | ug/L | -0.03 |
| 44) Perylene-d12 | 34.41 | 264 | 2625716 | 20.00 | ug/L | -0.04 |
| **System Monitoring Compounds** | | | | | | |
| 37) 2,4-DDD | 27.72 | 235 | 298557 | 3.73 | ug/L | 0.00 |
| Spiked Amount 5.000 | | | Recovery = 74.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 20) Dimethylphthalate | 18.34 | 163 | 547866 | 2.66 | ug/L # | 58 |
| 21) 2,6-Dinitrotoluene | 18.33 | 165 | 429981 | 9.05 | ug/L # | 27 |

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB21\01636.D Vial: 5
Acq On : 21 Feb 2002 6:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 21, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 25 10:49 2002 Quant Results File: HP022102.R

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB21\01636.D  Vial: 5
Acq On : 21 Feb 2002 6:32 pm  Operator:
Sample : 508 scan  Inst : Instrumen
Misc : February 21, 2002  Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Smoothing : OFF  Filtering: 5
Sampling : 2  Min Area: 100 Area counts
Start Thrs: 0.2  Max Peaks: 20
Stop Thrs : 0  Peak Location: TOP

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

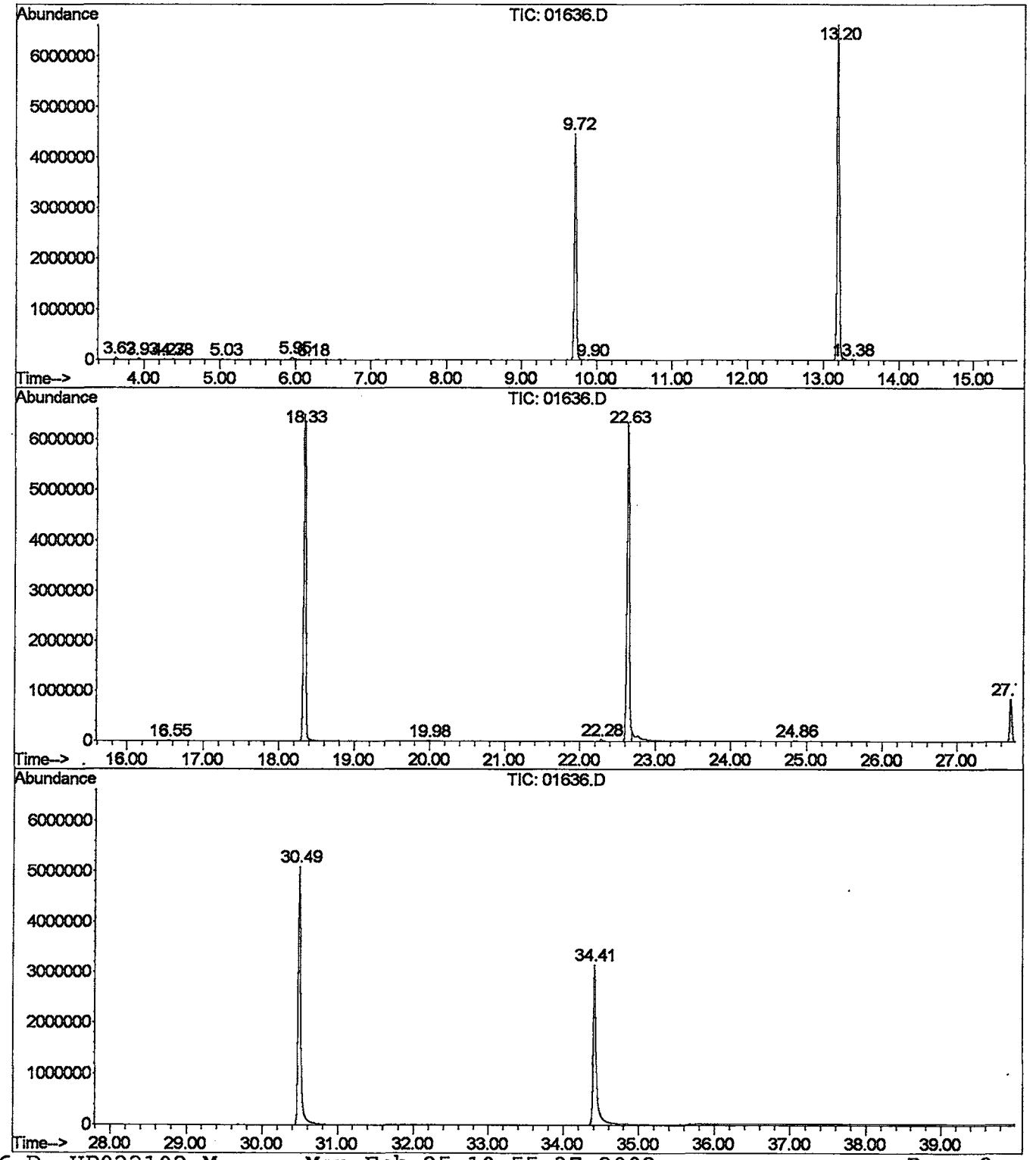
Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.622 | 19 | 22 | 31 | rBV | 40935 | 72502 | 0.50% | 0.100% |
| 2 | 3.927 | 47 | 49 | 57 | rVB | 19350 | 36632 | 0.25% | 0.050% |
| 3 | 4.266 | 75 | 79 | 87 | rVV2 | 12446 | 33663 | 0.23% | 0.046% |
| 4 | 4.379 | 87 | 89 | 93 | rVB2 | 13241 | 24213 | 0.17% | 0.033% |
| 5 | 5.033 | 143 | 147 | 153 | rVB2 | 11253 | 26035 | 0.18% | 0.036% |
| 6 | 5.948 | 223 | 228 | 245 | rVV | 45957 | 154455 | 1.07% | 0.212% |
| 7 | 6.185 | 245 | 249 | 263 | rVV3 | 4225 | 21784 | 0.15% | 0.030% |
| 8 | 9.718 | 557 | 562 | 567 | rBV | 4470786 | 8561273 | 59.29% | 11.760% |
| 9 | 9.899 | 575 | 578 | 591 | rVB5 | 6397 | 31951 | 0.22% | 0.044% |
| 10 | 13.195 | 865 | 870 | 875 | rBV | 6628290 | 12632869 | 87.49% | 17.353% |
| 11 | 13.376 | 883 | 886 | 895 | rVB3 | 12538 | 31151 | 0.22% | 0.043% |
| 12 | 16.548 | 1163 | 1167 | 1171 | rVB | 11220 | 19549 | 0.14% | 0.027% |
| 13 | 18.332 | 1321 | 1325 | 1331 | rBV | 6505362 | 13761323 | 95.31% | 18.903% |
| 14 | 19.980 | 1467 | 1471 | 1479 | rVB3 | 7746 | 22364 | 0.15% | 0.031% |
| 15 | 22.283 | 1671 | 1675 | 1685 | rVB | 35402 | 84231 | 0.58% | 0.116% |
| 16 | 22.633 | 1701 | 1706 | 1711 | rBV2 | 6336014 | 14438537 | 100.00% | 19.833% |
| 17 | 24.857 | 1899 | 1903 | 1915 | rVV | 11475 | 31105 | 0.22% | 0.043% |
| 18 | 27.724 | 2153 | 2157 | 2163 | rBV | 846890 | 1489229 | 10.31% | 2.046% |
| 19 | 30.490 | 2397 | 2402 | 2437 | rBV2 | 5095813 | 12378150 | 85.73% | 17.003% |
| 20 | 34.407 | 2743 | 2749 | 2779 | rBV | 3145531 | 8948542 | 61.98% | 12.292% |

Sum of corrected areas: 72799558

# LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB21\01636.D
Operator :
Acquired : 21 Feb 2002 6:32 pm using AcqMethod HP020702
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : February 21, 2002
Vial Number: 5
Quant File :HP022102.RES (RTE Integrator)



# Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB21\01636.D  Vial: 5
Acq On : 21 Feb 2002 6:32 pm  Operator:
Sample : 508 scan  Inst : Instrumen
Misc : February 21, 2002  Multiplr: 1.00
MS Integration Params: LSCINT.P

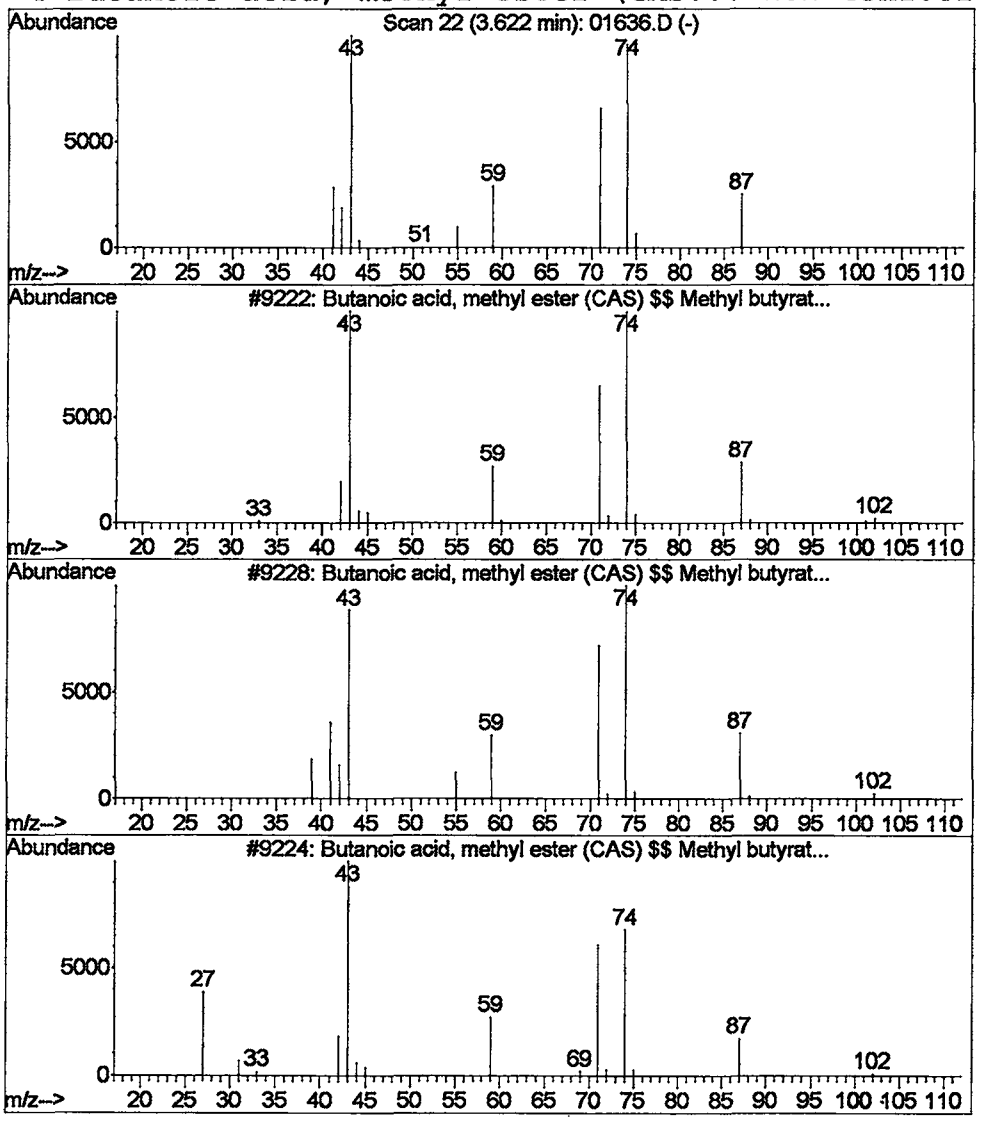
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

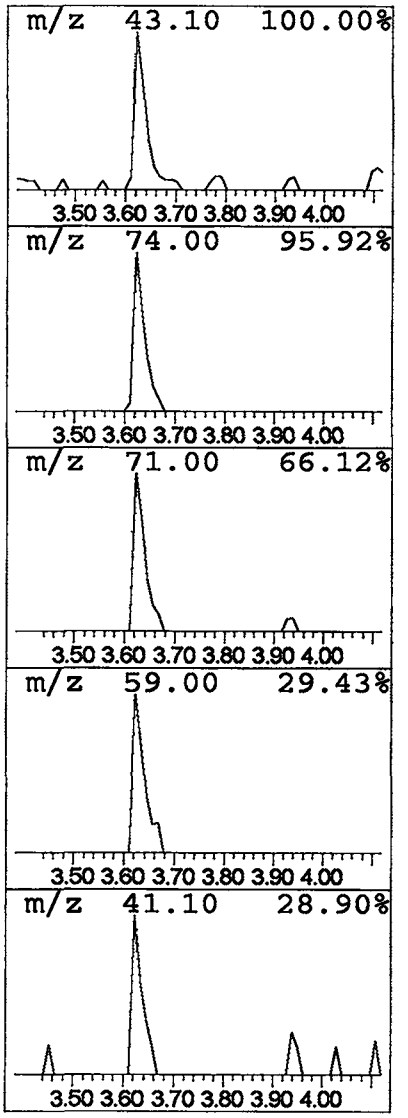
**********

Peak Number 1 Butanoic acid, methyl ester... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.62 | 0.17 ug/L | 72502 | 1,4-Dichlorobenzene-d4 | 9.72 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanoic acid, methyl ester (CAS... | 102 | C5H10O2 | 000623-42-7 | 83 |
| 2 | Butanoic acid, methyl ester (CAS... | 102 | C5H10O2 | 000623-42-7 | 83 |
| 3 | Butanoic acid, methyl ester (CAS... | 102 | C5H10O2 | 000623-42-7 | 83 |
| 4 | Butanoic acid, methyl ester (CAS... | 102 | C5H10O2 | 000623-42-7 | 78 |



# Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB21\01636.D  Vial: 5
Acq On : 21 Feb 2002 6:32 pm  Operator:
Sample : 508 scan  Inst : Instrumen
Misc : February 21, 2002  Multiplr: 1.00
MS Integration Params: LSCINT.P

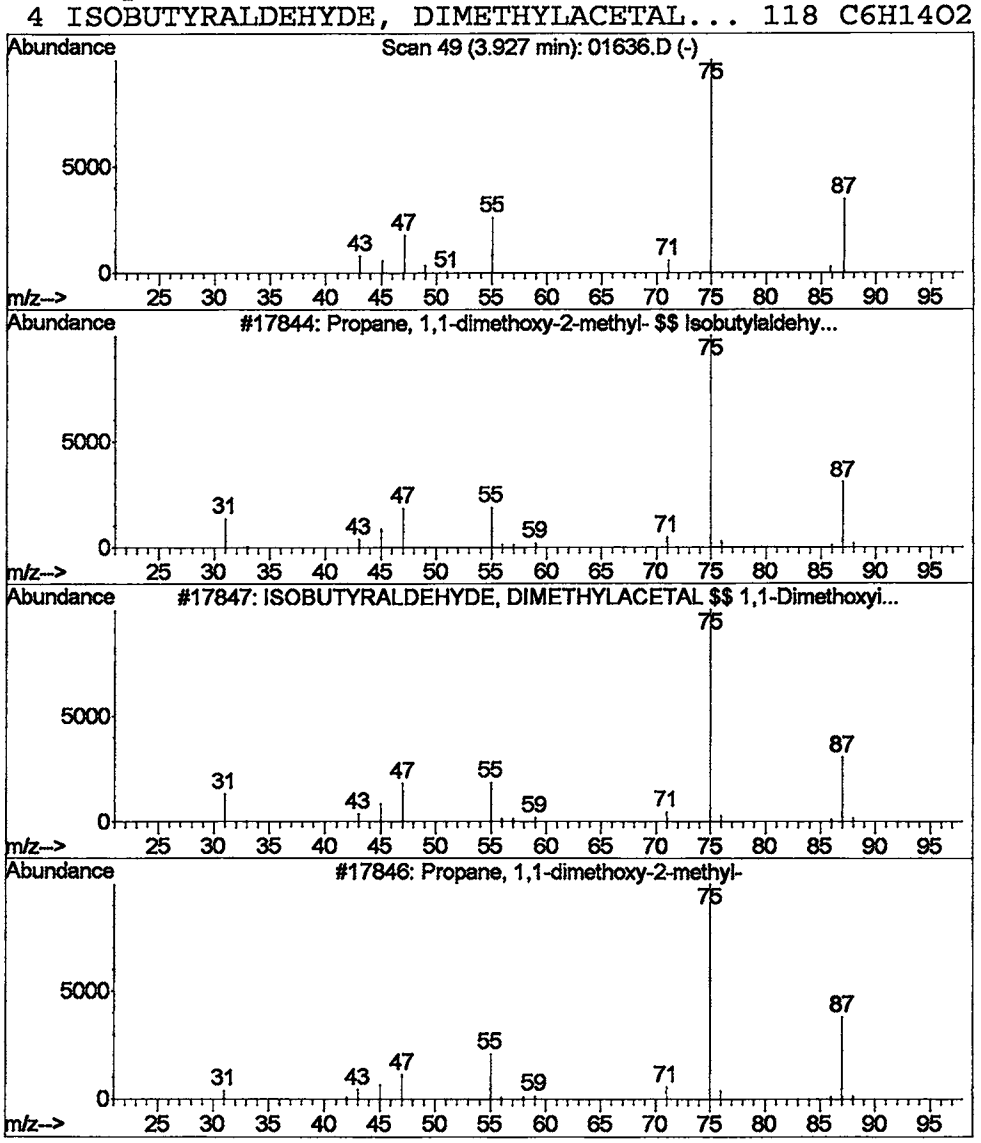
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

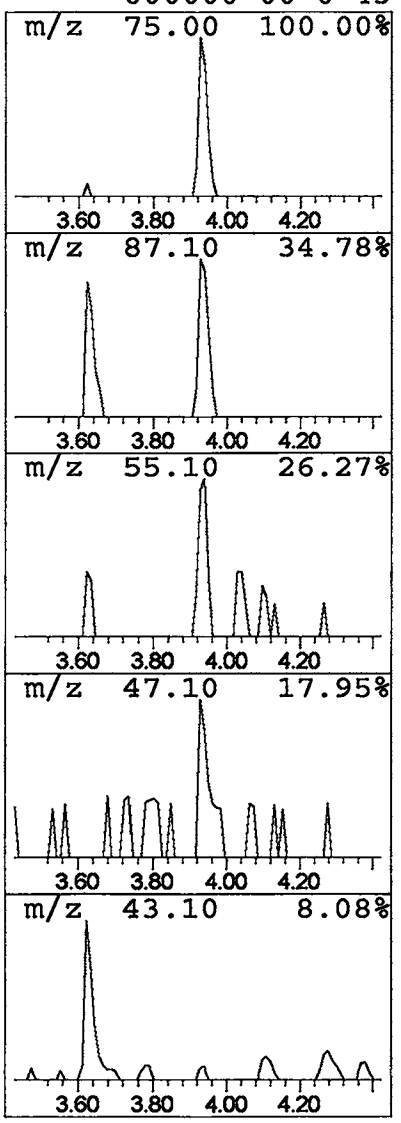
**********

Peak Number 2 Propane, 1,1-dimethoxy-2-me... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.93 | 0.09 ug/L | 36632 | 1,4-Dichlorobenzene-d4 | 9.72 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propane, 1,1-dimethoxy-2-methyl-... | 118 | C6H14O2 | 041632-89-7 | 74 |
| 2 | ISOBUTYRALDEHYDE, DIMETHYLACETAL... | 118 | C6H14O2 | 000000-00-0 | 74 |
| 3 | Propane, 1,1-dimethoxy-2-methyl- | 118 | C6H14O2 | 041632-89-7 | 64 |
| 4 | ISOBUTYRALDEHYDE, DIMETHYLACETAL... | 118 | C6H14O2 | 000000-00-0 | 43 |



# Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB21\01636.D  Vial: 5
Acq On : 21 Feb 2002 6:32 pm  Operator:
Sample : 508 scan  Inst : Instrumen
Misc : February 21, 2002  Multiplr: 1.00
MS Integration Params: LSCINT.P

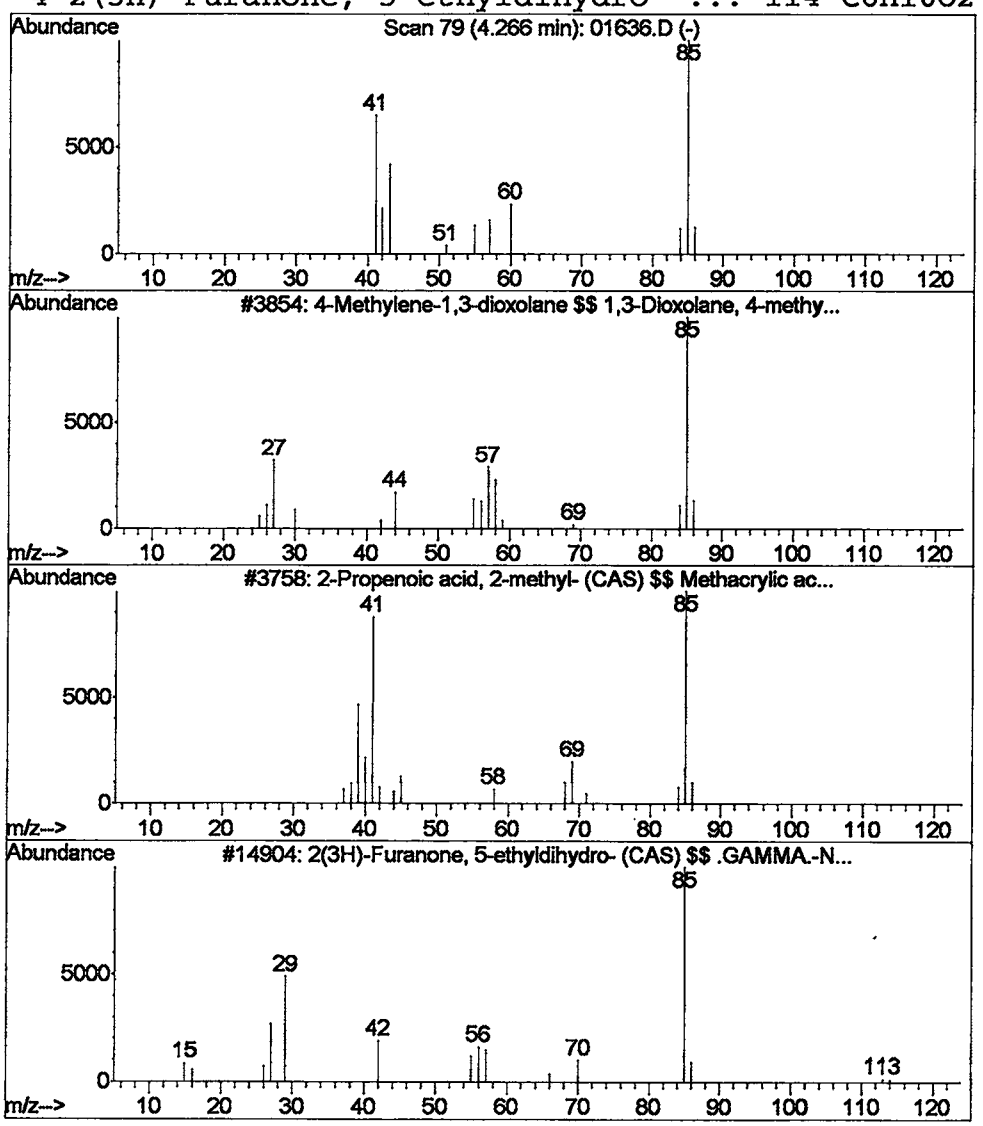
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

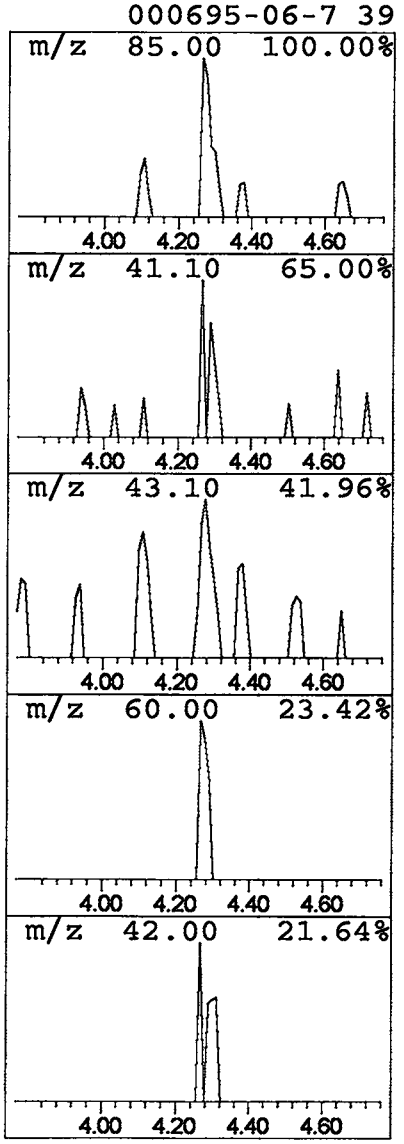
**********

Peak Number 3 4-Methylene-1,3-dioxolane $... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.27 | 0.08 ug/L | 33663 | 1,4-Dichlorobenzene-d4 | 9.72 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Methylene-1,3-dioxolane $$ 1,3... | 86 | C4H6O2 | 004362-24-7 | 42 |
| 2 | 2-Propenoic acid, 2-methyl- (CAS... | 86 | C4H6O2 | 000079-41-4 | 42 |
| 3 | 2(3H)-Furanone, 5-ethyldihydro- ... | 114 | C6H10O2 | 000695-06-7 | 39 |
| 4 | 2(3H)-Furanone, 5-ethyldihydro- ... | 114 | C6H10O2 | 000695-06-7 | 39 |



# Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB21\01636.D  Vial: 5
Acq On : 21 Feb 2002 6:32 pm  Operator:
Sample : 508 scan  Inst : Instrumen
Misc : February 21, 2002  Multiplr: 1.00
MS Integration Params: LSCINT.P

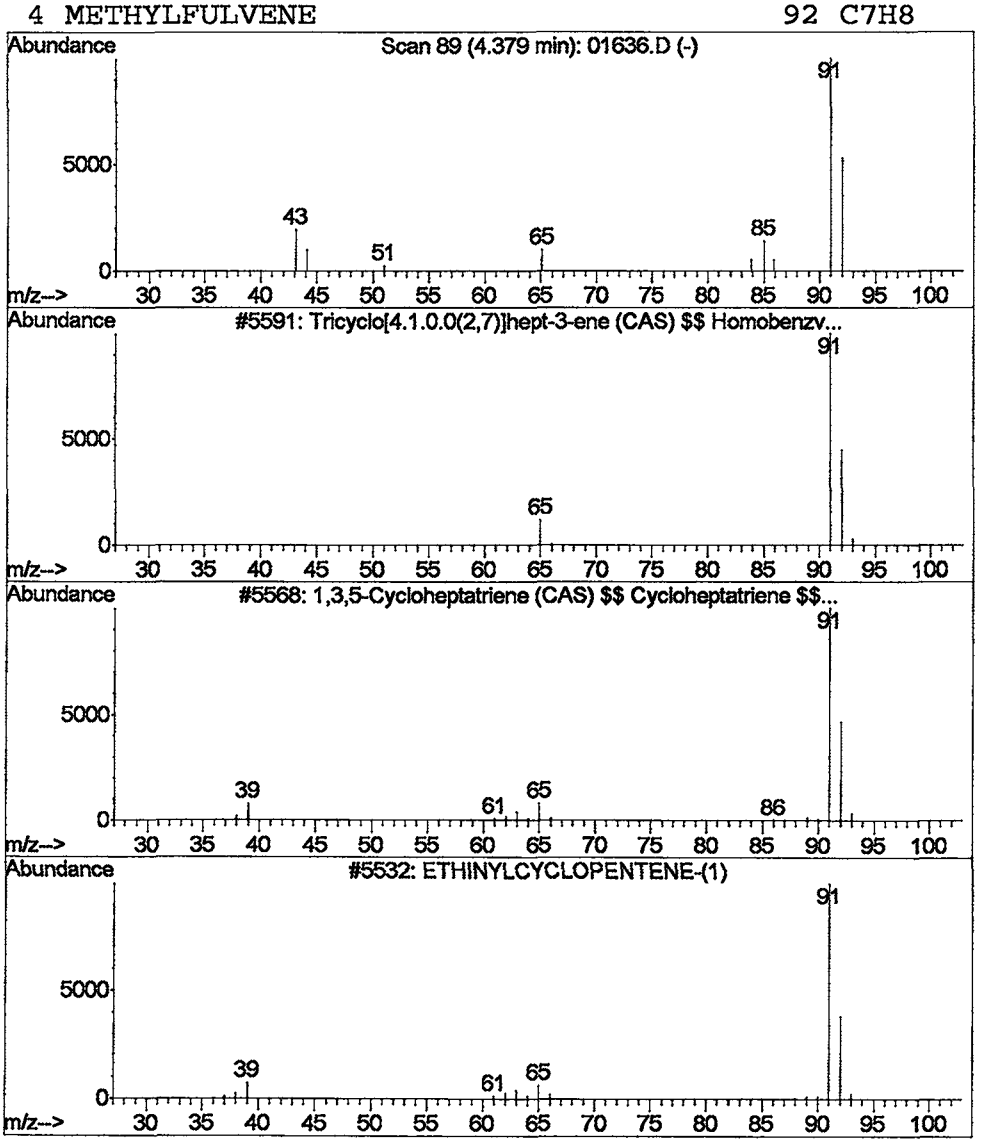
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

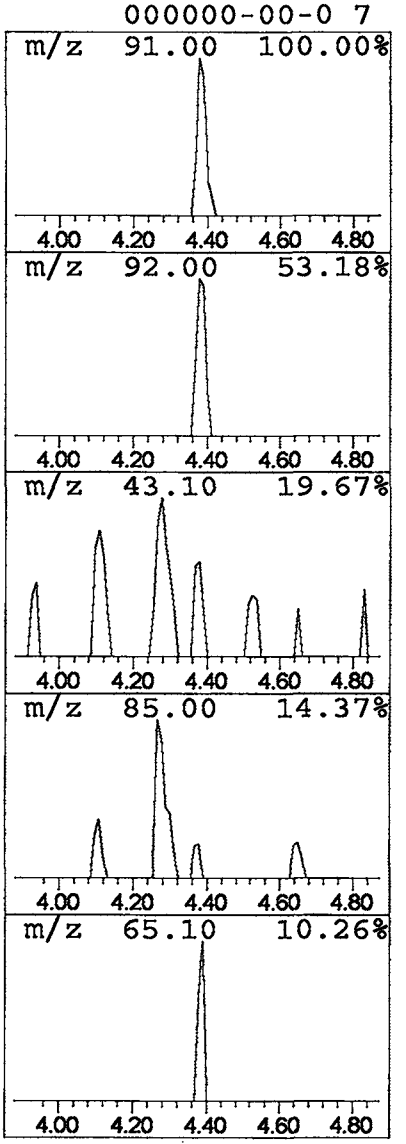
**********

Peak Number 4 Tricyclo[4.1.0.0(2,7)]hept-... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.38 | 0.06 ug/L | 24213 | 1,4-Dichlorobenzene-d4 | 9.72 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tricyclo[4.1.0.0(2,7)]hept-3-ene... | 92 | C7H8 | 035618-58-7 | 7 |
| 2 | 1,3,5-Cycloheptatriene (CAS) $$ ... | 92 | C7H8 | 000544-25-2 | 7 |
| 3 | ETHINYLCYCLOPENTENE-(1) | 92 | C7H8 | 000000-00-0 | 7 |
| 4 | METHYLFULVENE | 92 | C7H8 | 000000-00-0 | 7 |



# Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB21\01636.D  Vial: 5
Acq On : 21 Feb 2002 6:32 pm  Operator:
Sample : 508 scan  Inst : Instrumen
Misc : February 21, 2002  Multiplr: 1.00
MS Integration Params: LSCINT.P

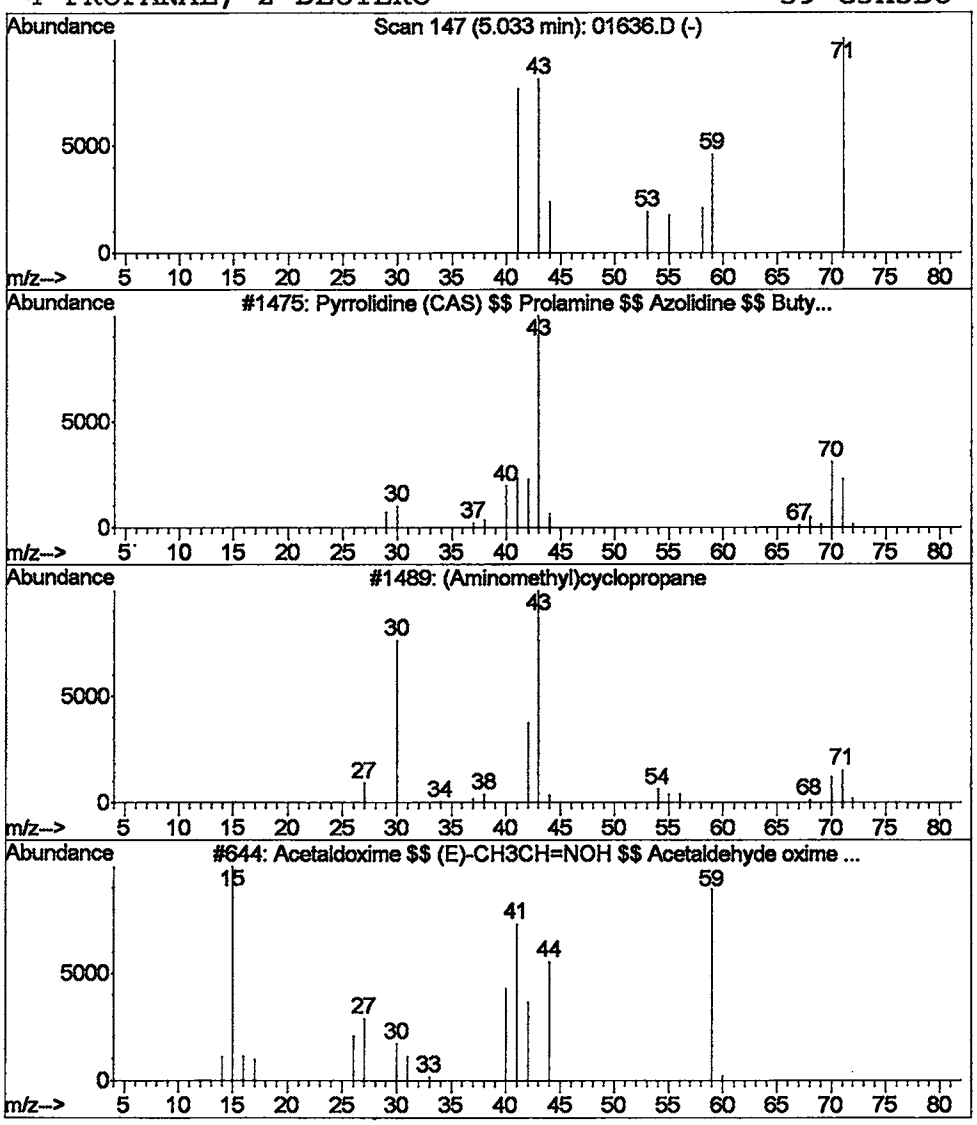
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

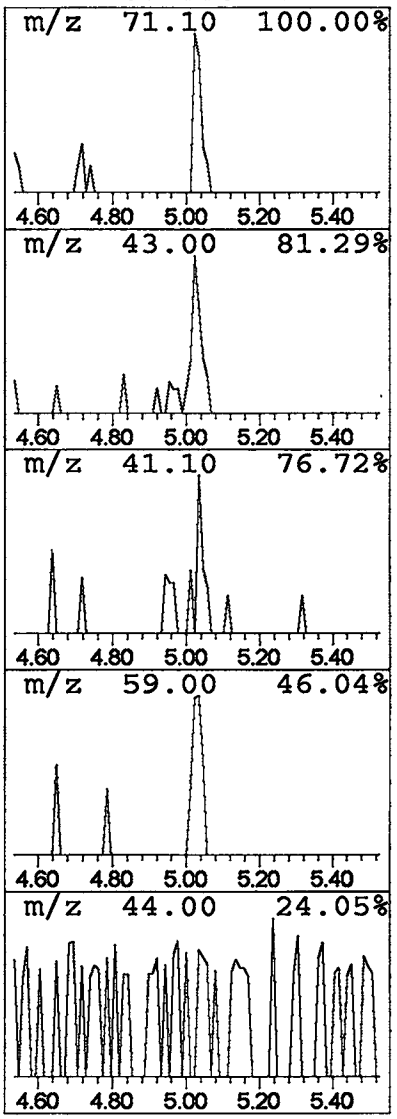
**********

Peak Number 5 Pyrrolidine (CAS) $$ Prolam... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.03 | 0.06 ug/L | 26035 | 1,4-Dichlorobenzene-d4 | 9.72 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrrolidine (CAS) $$ Prolamine $... | 71 | C4H9N | 000123-75-1 | 4 |
| 2 | (Aminomethyl)cyclopropane | 71 | C4H9N | 002516-47-4 | 4 |
| 3 | Acetaldoxime $$ (E)-CH3CH=NOH $$... | 59 | C2H5NO | 000107-29-9 | 4 |
| 4 | PROPANAL, 2-DEUTERO- | 59 | C3H5DO | 062338-06-1 | 4 |



# Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB21\01636.D  Vial: 5
Acq On : 21 Feb 2002 6:32 pm  Operator:
Sample : 508 scan  Inst : Instrumen
Misc : February 21, 2002  Multiplr: 1.00
MS Integration Params: LSCINT.P

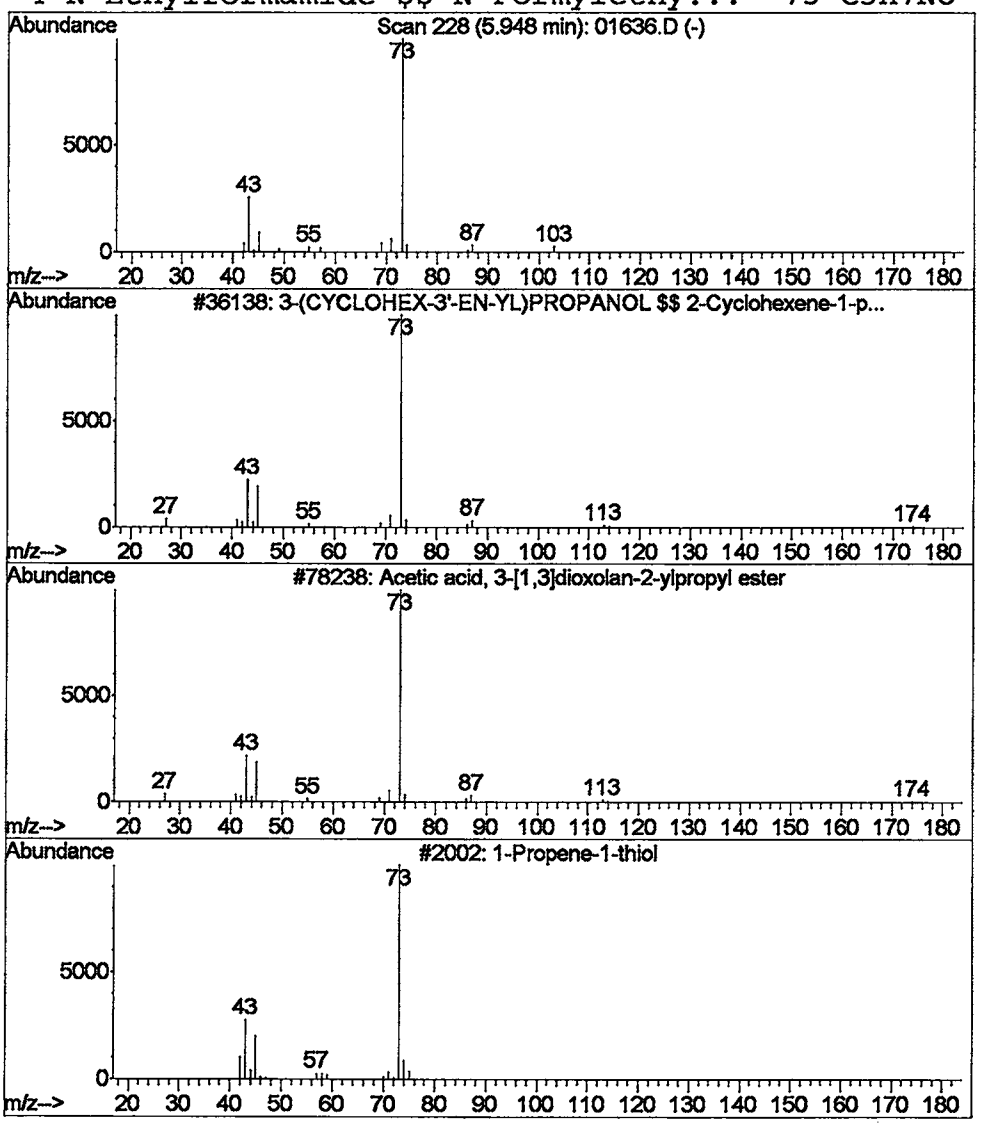
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

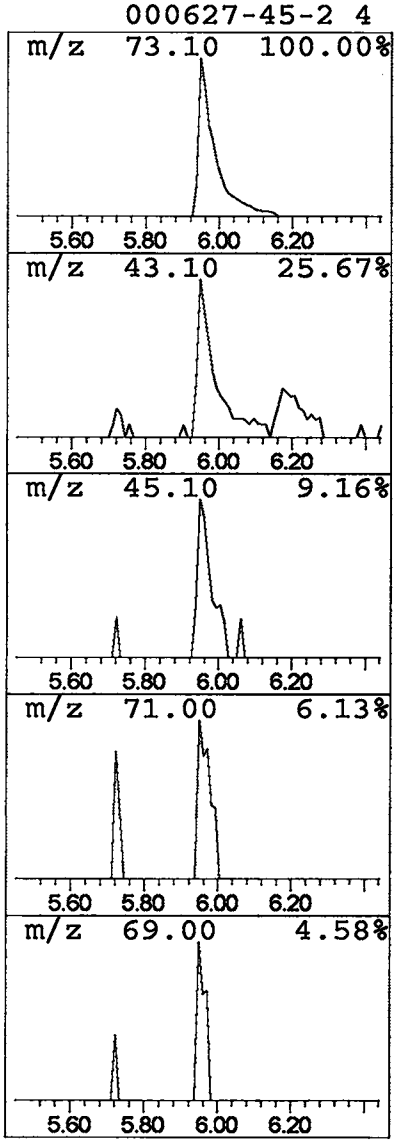
**********

Peak Number 6 3-(CYCLOHEX-3'-EN-YL)PROPAN... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.95 | 0.36 ug/L | 154455 | 1,4-Dichlorobenzene-d4 | 9.72 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-(CYCLOHEX-3'-EN-YL)PROPANOL $$... | 174 | C8H14O4 | 015745-87-6 | 40 |
| 2 | Acetic acid, 3-[1,3]dioxolan-2-y... | 174 | C8H14O4 | 000000-00-0 | 40 |
| 3 | 1-Propene-1-thiol | 74 | C3H6S | 000925-89-3 | 4 |
| 4 | N-Ethylformamide $$ N-Formylethy... | 73 | C3H7NO | 000627-45-2 | 4 |



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB21\01636.D  Vial: 5
Acq On : 21 Feb 2002 6:32 pm  Operator:
Sample : 508 scan  Inst : Instrumen
Misc : February 21, 2002  Multiplr: 1.00
MS Integration Params: LSCINT.P

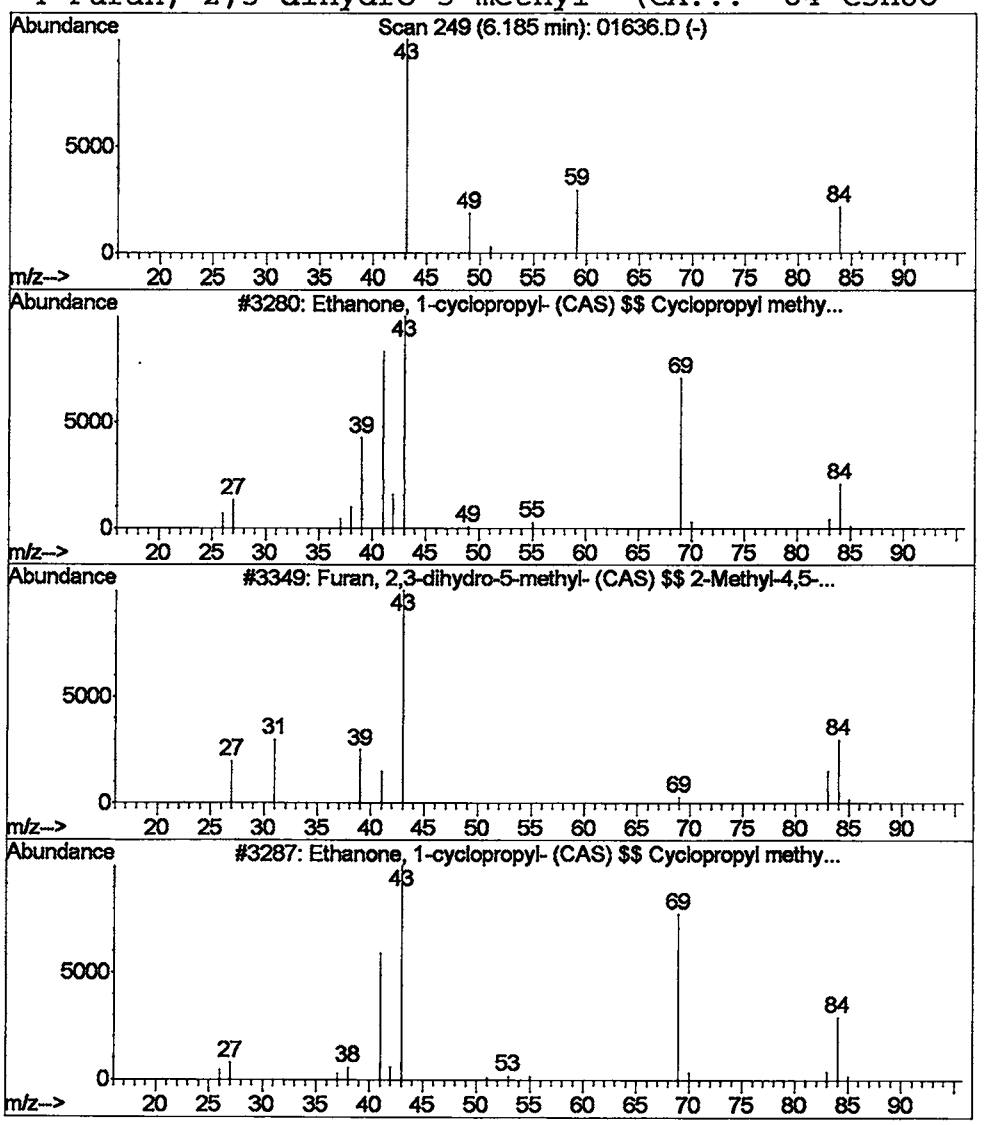
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

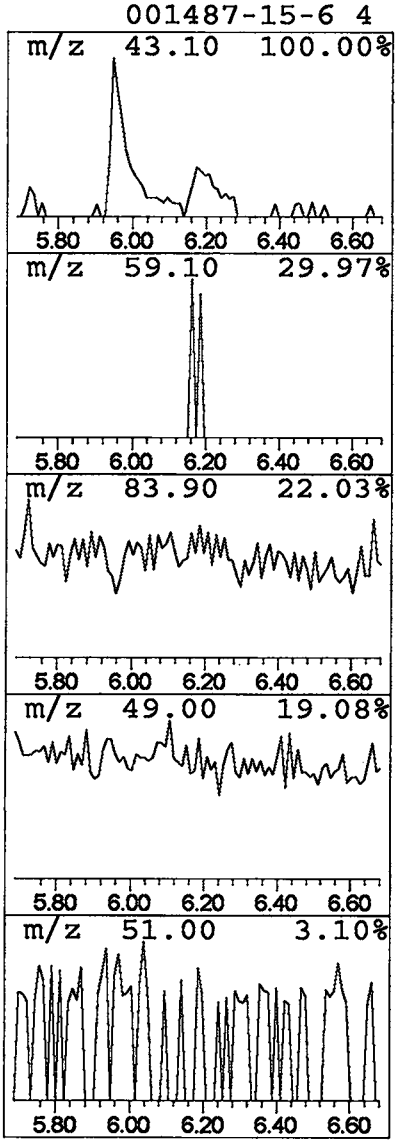
**********

Peak Number 7 Ethanone, 1-cyclopropyl- (C... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.18 | 0.05 ug/L | 21784 | 1,4-Dichlorobenzene-d4 | 9.72 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanone, 1-cyclopropyl- (CAS) $... | 84 | C5H8O | 000765-43-5 | 4 |
| 2 | Furan, 2,3-dihydro-5-methyl- (CA... | 84 | C5H8O | 001487-15-6 | 4 |
| 3 | Ethanone, 1-cyclopropyl- (CAS) $... | 84 | C5H8O | 000765-43-5 | 4 |
| 4 | Furan, 2,3-dihydro-5-methyl- (CA... | 84 | C5H8O | 001487-15-6 | 4 |



# Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB21\01636.D  Vial: 5
Acq On : 21 Feb 2002 6:32 pm  Operator:
Sample : 508 scan  Inst : Instrumen
Misc : February 21, 2002  Multiplr: 1.00
MS Integration Params: LSCINT.P

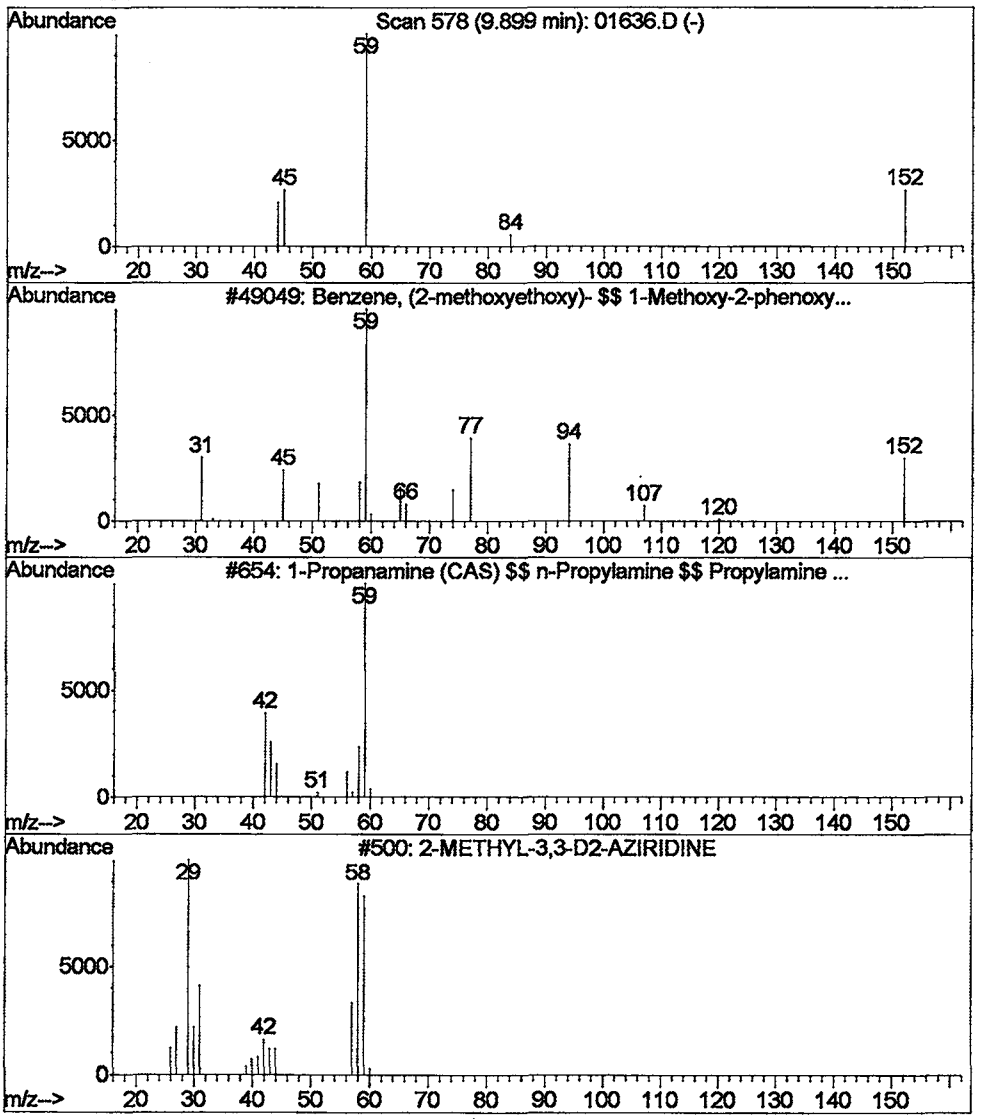
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

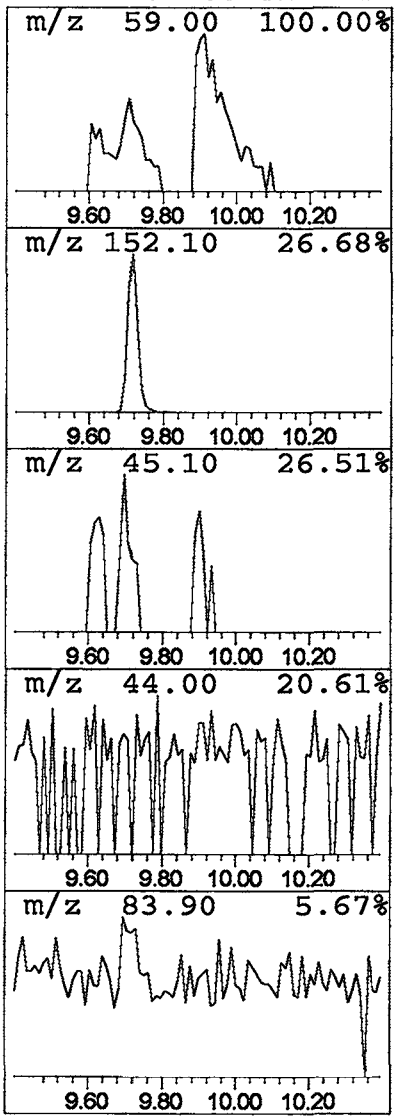
**********

Peak Number 8 Benzene, (2-methoxyethoxy)-... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.90 | 0.07 ug/L | 31951 | 1,4-Dichlorobenzene-d4 | 9.72 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (2-methoxyethoxy)- $$ 1... | 152 | C9H12O2 | 041532-81-4 | 9 |
| 2 | 1-Propanamine (CAS) $$ n-Propyla... | 59 | C3H9N | 000107-10-8 | 4 |
| 3 | 2-METHYL-3,3-D2-AZIRIDINE | 59 | C3H5D2N | 030691-55-5 | 4 |
| 4 | DEUTEROACETONE | 59 | C3H5DO | 004468-52-4 | 4 |



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB21\01636.D  Vial: 5
Acq On : 21 Feb 2002 6:32 pm  Operator:
Sample : 508 scan  Inst : Instrumen
Misc : February 21, 2002  Multiplr: 1.00
MS Integration Params: LSCINT.P

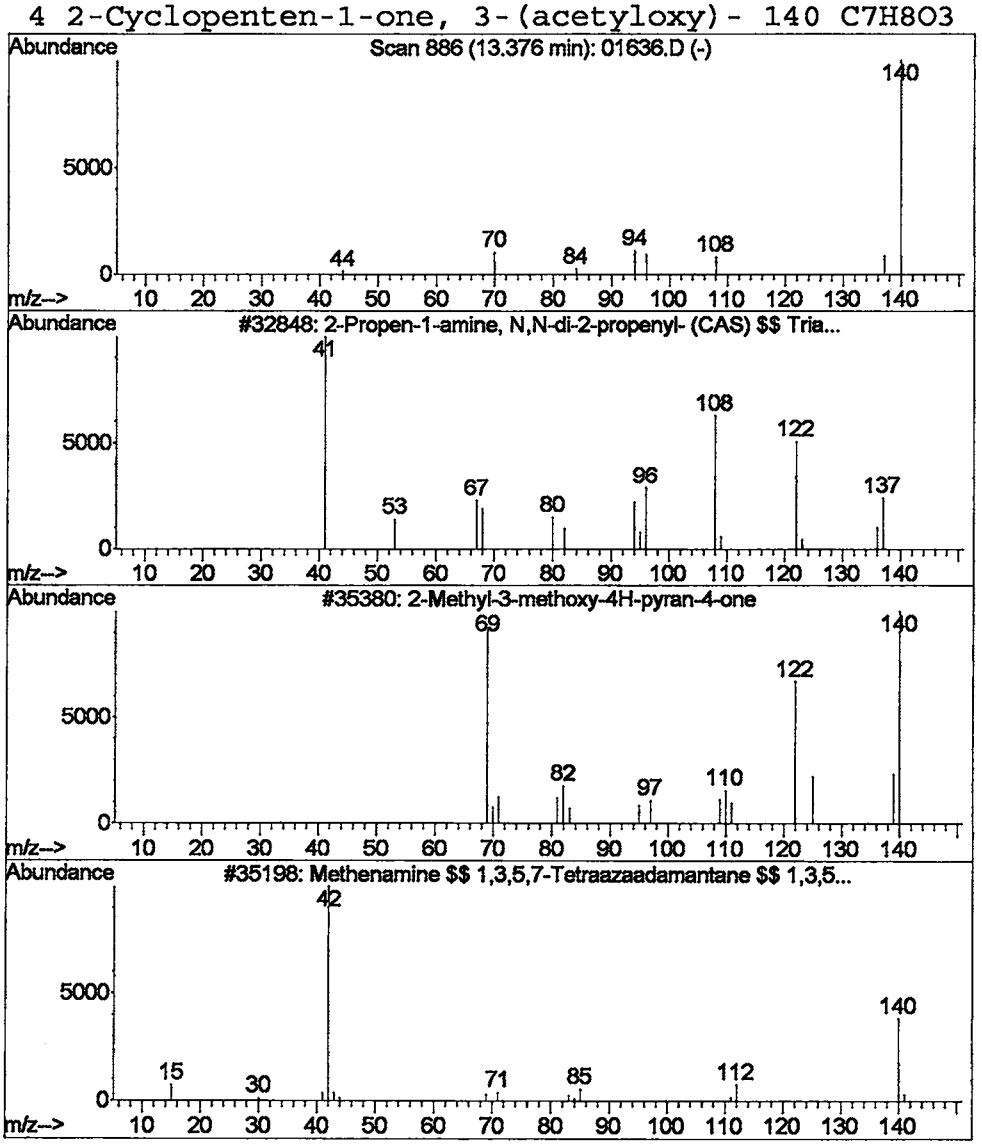
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

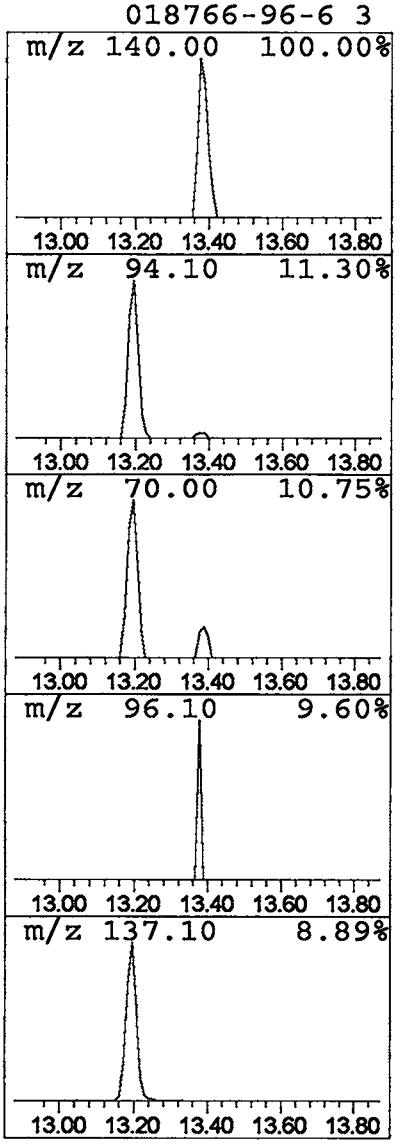
**********

Peak Number 9 2-Propen-1-amine, N,N-di-2-... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.38 | 0.05 ug/L | 31151 | Naphthalene-d8 | 13.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Propen-1-amine, N,N-di-2-prope... | 137 | C9H15N | 000102-70-5 | 5 |
| 2 | 2-Methyl-3-methoxy-4H-pyran-4-one | 140 | C7H8O3 | 000000-00-0 | 4 |
| 3 | Methenamine $$ 1,3,5,7-Tetraazaa... | 140 | C6H12N4 | 000100-97-0 | 3 |
| 4 | 2-Cyclopenten-1-one, 3-(acetyloxy)- | 140 | C7H8O3 | 018766-96-6 | 3 |



# Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB21\01636.D  Vial: 5
Acq On : 21 Feb 2002 6:32 pm  Operator:
Sample : 508 scan  Inst : Instrumen
Misc : February 21, 2002  Multiplr: 1.00
MS Integration Params: LSCINT.P

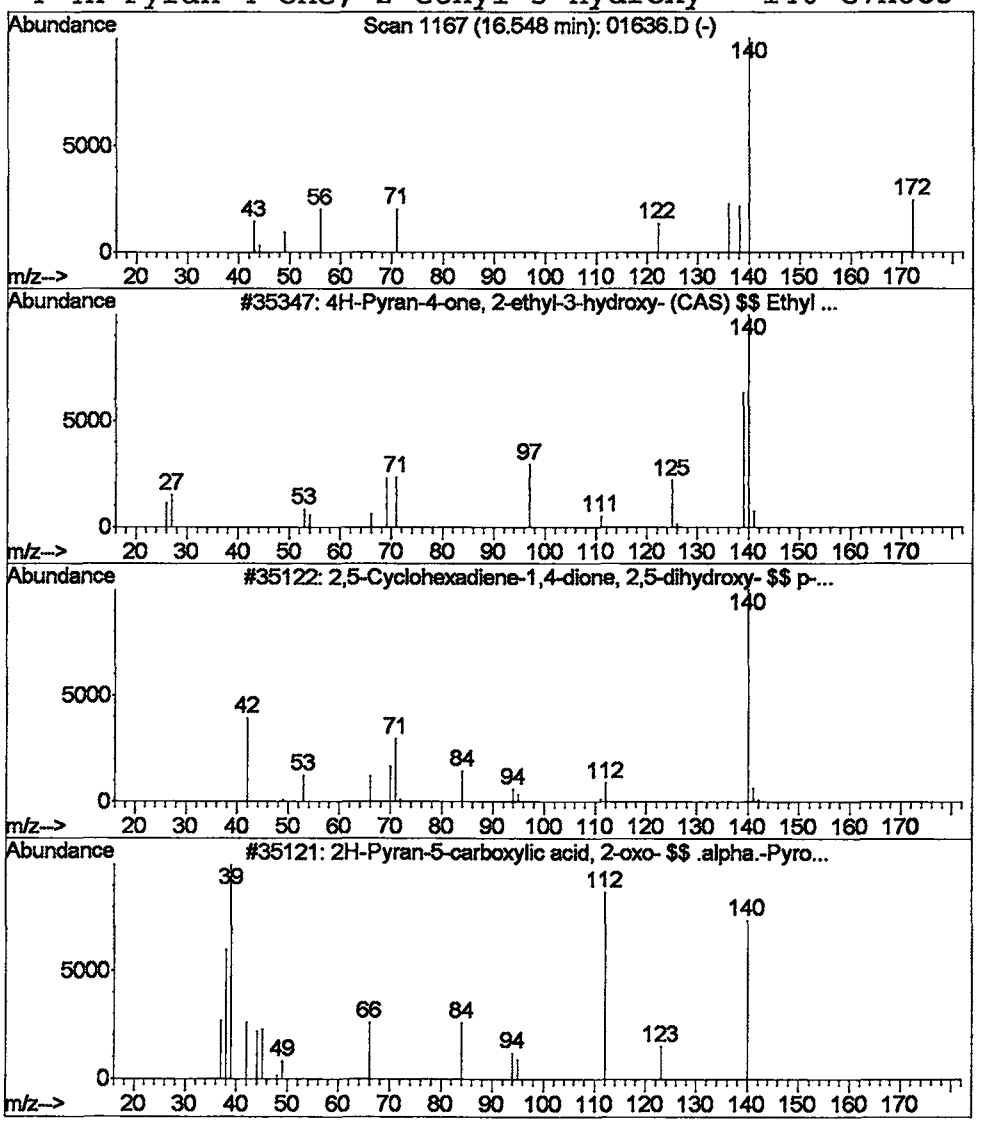
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

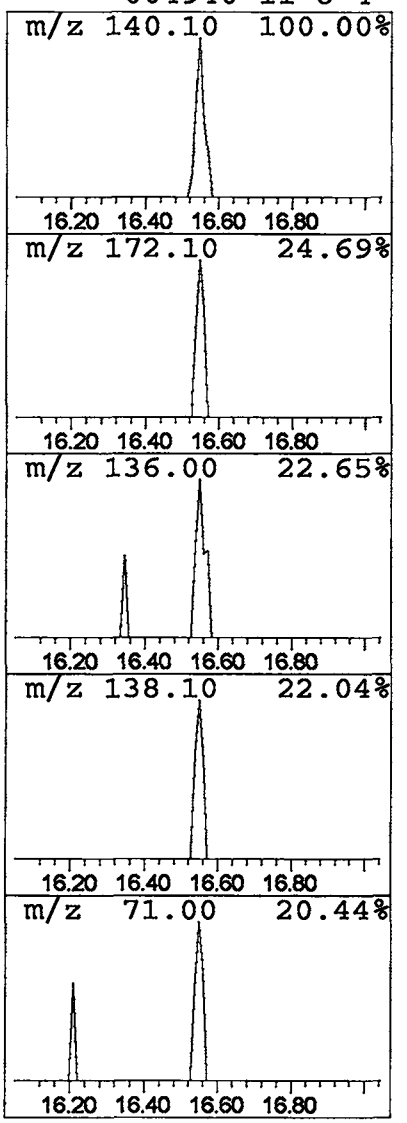
**********

Peak Number 10 4H-Pyran-4-one, 2-ethyl-3-h... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.55 | 0.03 ug/L | 19549 | Acenaphthene-d10 | 18.34 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Pyran-4-one, 2-ethyl-3-hydrox... | 140 | C7H8O3 | 004940-11-8 | 4 |
| 2 | 2,5-Cyclohexadiene-1,4-dione, 2,... | 140 | C6H4O4 | 000615-94-1 | 4 |
| 3 | 2H-Pyran-5-carboxylic acid, 2-ox... | 140 | C6H4O4 | 000500-05-0 | 4 |
| 4 | 4H-Pyran-4-one, 2-ethyl-3-hydroxy- | 140 | C7H8O3 | 004940-11-8 | 4 |



# Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB21\01636.D  Vial: 5
Acq On : 21 Feb 2002 6:32 pm  Operator:
Sample : 508 scan  Inst : Instrumen
Misc : February 21, 2002  Multiplr: 1.00
MS Integration Params: LSCINT.P

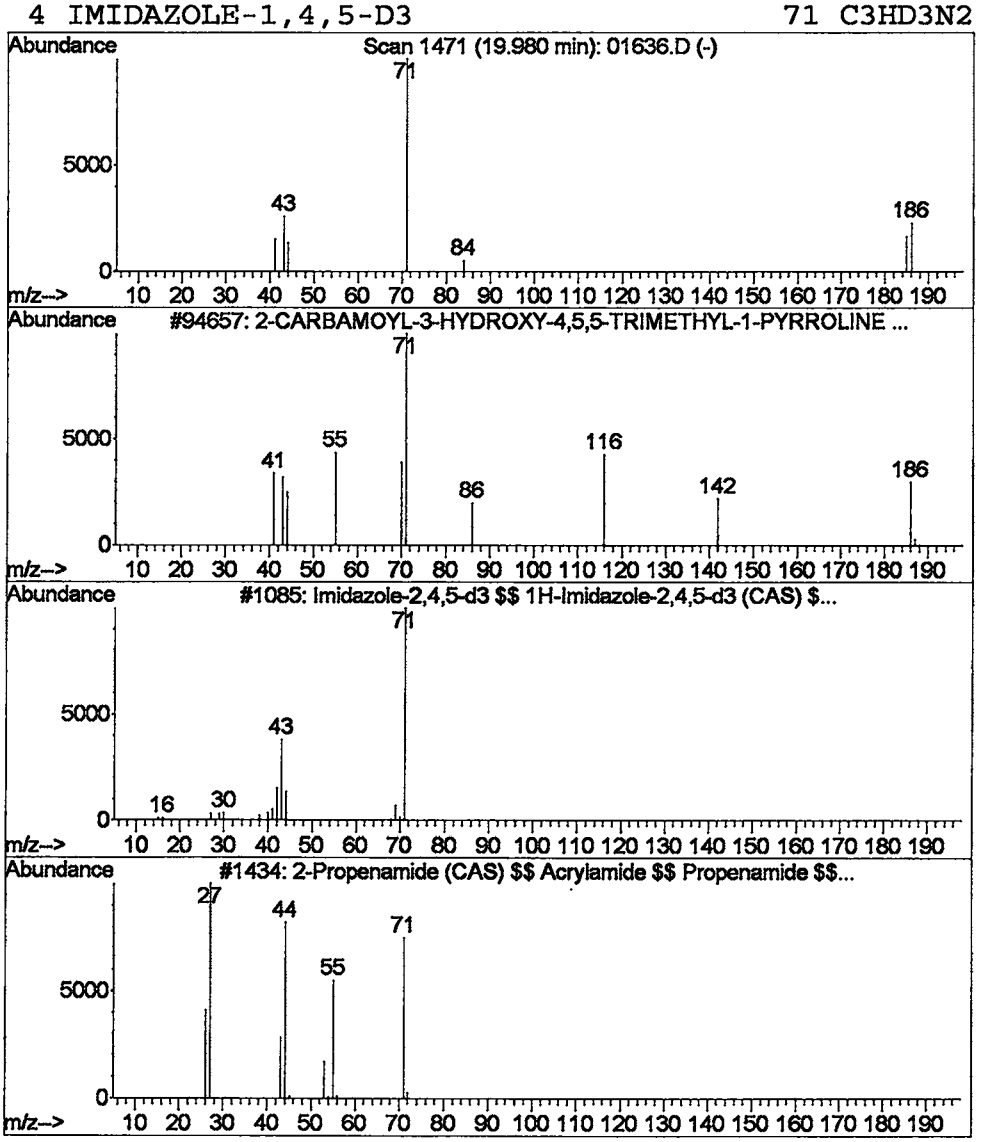
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

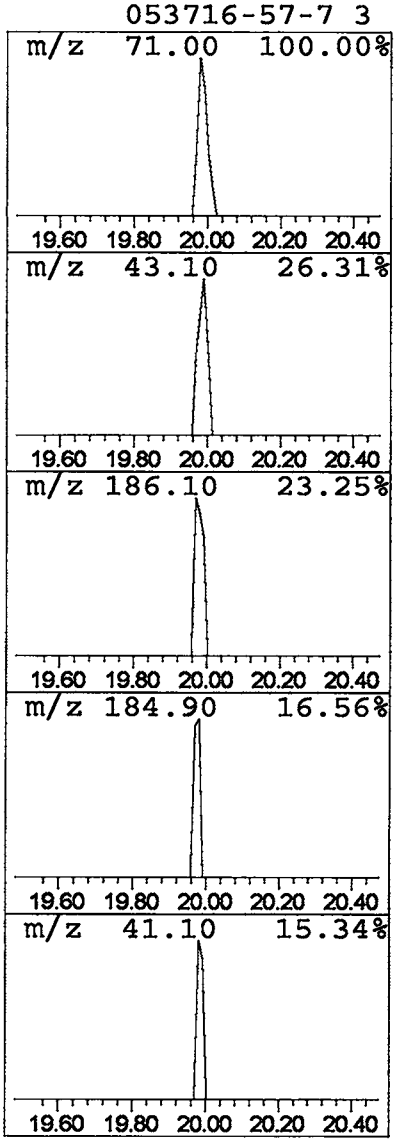
**********

Peak Number 11 2-CARBAMOYL-3-HYDROXY-4,5,5... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.98 | 0.03 ug/L | 22364 | Acenaphthene-d10 | 18.34 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-CARBAMOYL-3-HYDROXY-4,5,5-TRIM... | 186 | C8H14N2O3 | 072700-98-2 | 7 |
| 2 | Imidazole-2,4,5-d3 $$ 1H-Imidazo... | 71 | C3HD3N2 | 006745-43-3 | 7 |
| 3 | 2-Propenamide (CAS) $$ Acrylamid... | 71 | C3H5NO | 000079-06-1 | 3 |
| 4 | IMIDAZOLE-1,4,5-D3 | 71 | C3HD3N2 | 053716-57-7 | 3 |



# Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB21\01636.D  Vial: 5
Acq On : 21 Feb 2002 6:32 pm  Operator:
Sample : 508 scan  Inst : Instrumen
Misc : February 21, 2002  Multiplr: 1.00
MS Integration Params: LSCINT.P

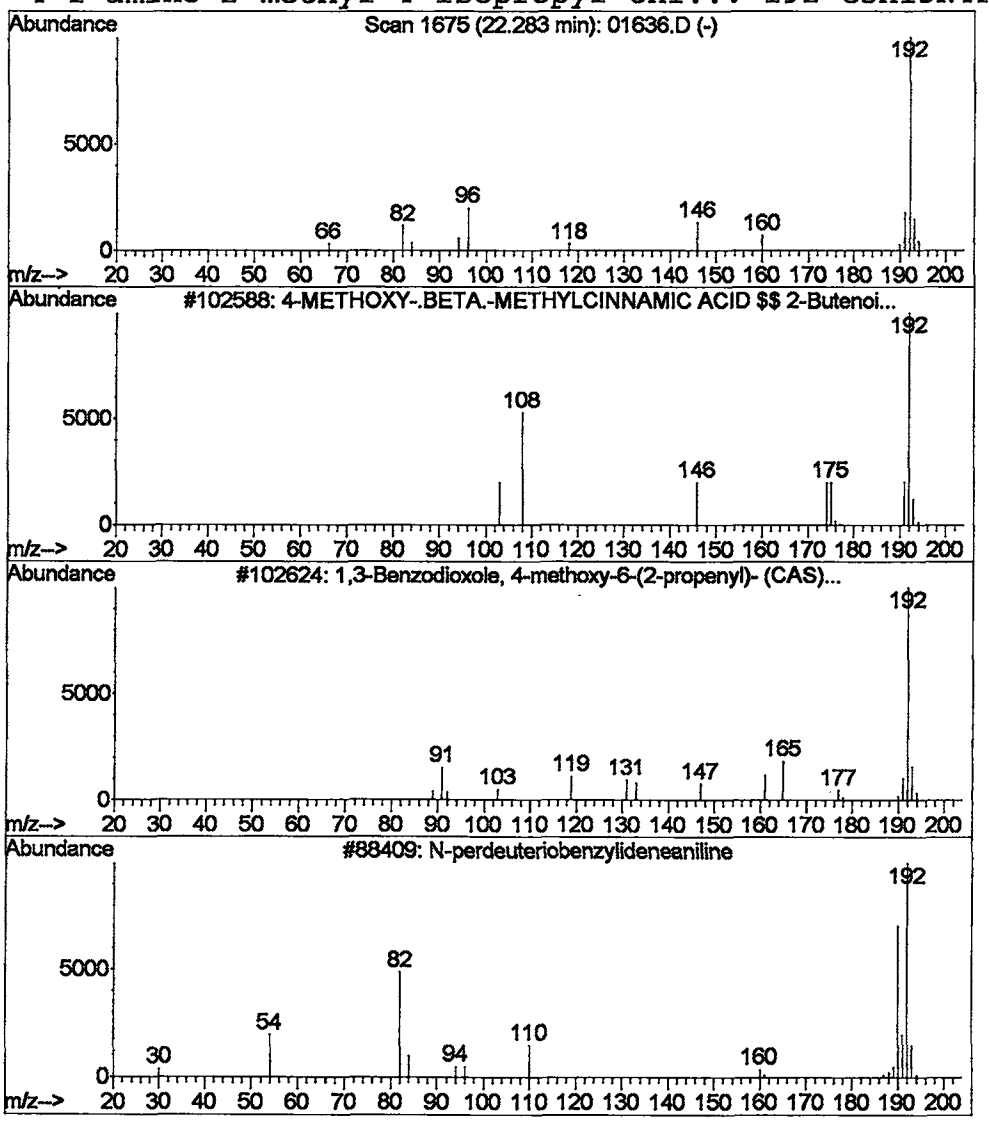
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

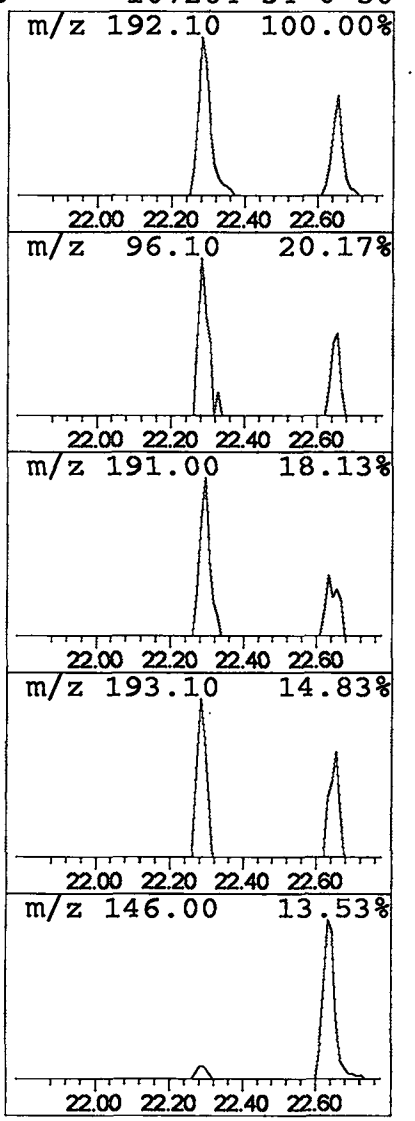
**********

Peak Number 12 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.28 | 0.12 ug/L | 84231 | Phenanthrene-d10 | 22.63 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-METHOXY-.BETA.-METHYLCINNAMIC ... | 192 | C11H12O3 | 019169-94-9 | 78 |
| 2 | 1,3-Benzodioxole, 4-methoxy-6-(2... | 192 | C11H12O3 | 000607-91-0 | 58 |
| 3 | N-perdeuteriobenzylideneaniline | 192 | C13D11N | 000538-51-2 | 53 |
| 4 | 1-amino-2-methyl-4-isopropyl-thi... | 192 | C5H13N4PS | 107264-54-0 | 50 |



# Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB21\01636.D  Vial: 5
Acq On : 21 Feb 2002 6:32 pm  Operator:
Sample : 508 scan  Inst : Instrumen
Misc : February 21, 2002  Multiplr: 1.00
MS Integration Params: LSCINT.P

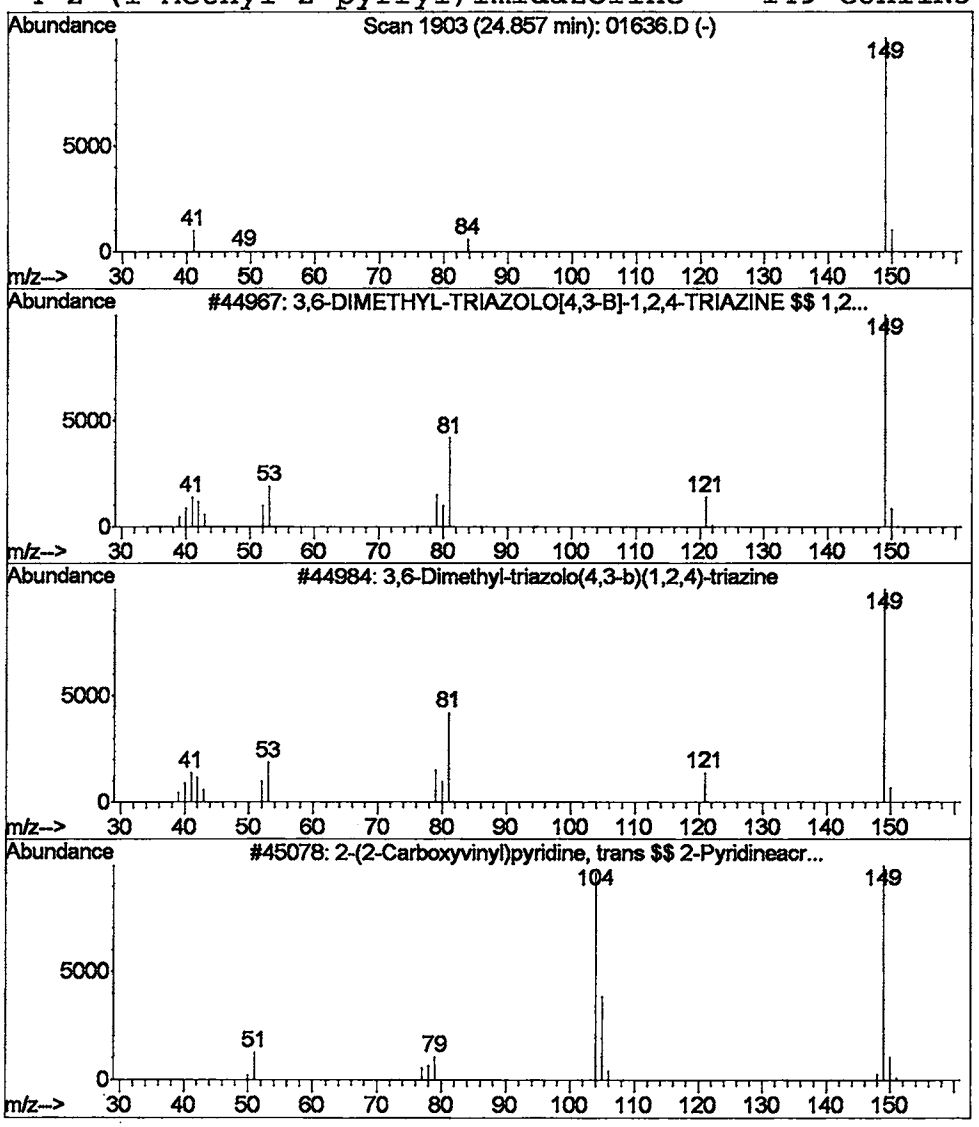
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

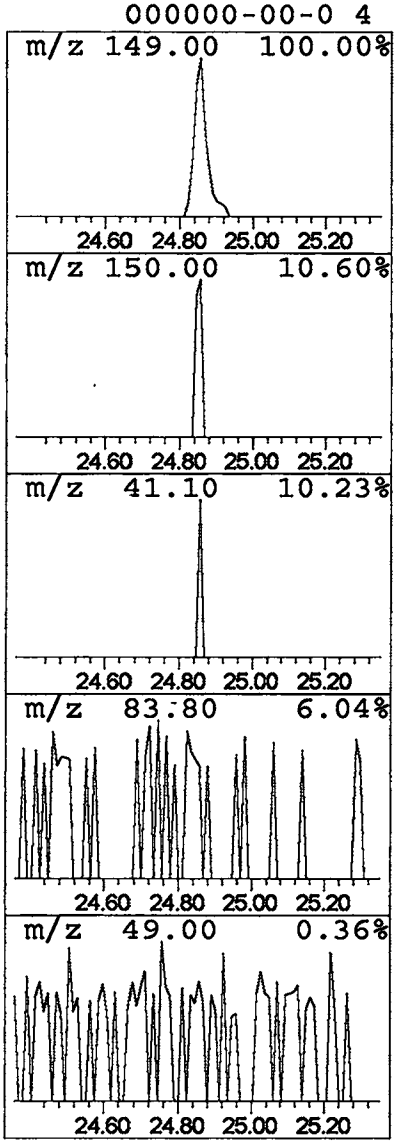
**********

Peak Number 13 3,6-DIMETHYL-TRIAZOLO[4,3-B... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.86 | 0.04 ug/L | 31105 | Phenanthrene-d10 | 22.63 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,6-DIMETHYL-TRIAZOLO[4,3-B]-1,2... | 149 | C6H7N5 | 061139-71-7 | 5 |
| 2 | 3,6-Dimethyl-triazolo(4,3-b)(1,2... | 149 | C6H7N5 | 000000-00-0 | 5 |
| 3 | 2-(2-Carboxyvinyl)pyridine, tran... | 149 | C8H7NO2 | 007340-22-9 | 4 |
| 4 | 2-(1-Methyl-2-pyrryl)imidazoline | 149 | C8H11N3 | 000000-00-0 | 4 |



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 21 Feb 2002 6:32 pm
Data File: C:\MSDCHEM\1\5973N\02FEB21\01636.D
Name: 508 scan
Misc: February 21, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard--- # | RT | Resp | Conc |
|---|---|---|---|---|---|---|---|---|
| Butanoic acid, me... | 3.62 | 0.2 | ug/L | 72502 | 1 | 9.72 | 8561270 | 20.0 |
| Propane, 1,1-dime... | 3.93 | 0.1 | ug/L | 36632 | 1 | 9.72 | 8561270 | 20.0 |
| 4-Methylene-1,3-d... | 4.27 | 0.1 | ug/L | 33663 | 1 | 9.72 | 8561270 | 20.0 |
| Tricyclo[4.1.0.0(... | 4.38 | 0.1 | ug/L | 24213 | 1 | 9.72 | 8561270 | 20.0 |
| Pyrrolidine (CAS)... | 5.03 | 0.1 | ug/L | 26035 | 1 | 9.72 | 8561270 | 20.0 |
| 3-(CYCLOHEX-3'-EN... | 5.95 | 0.4 | ug/L | 154455 | 1 | 9.72 | 8561270 | 20.0 |
| Ethanone, 1-cyclo... | 6.18 | 0.1 | ug/L | 21784 | 1 | 9.72 | 8561270 | 20.0 |
| Benzene, (2-metho... | 9.90 | 0.1 | ug/L | 31951 | 1 | 9.72 | 8561270 | 20.0 |
| 2-Propen-1-amine,... | 13.38 | 0.0 | ug/L | 31151 | 2 | 13.20 | 12632900 | 20.0 |
| 4H-Pyran-4-one, 2... | 16.55 | 0.0 | ug/L | 19549 | 3 | 18.34 | 13761300 | 20.0 |
| 2-CARBAMOYL-3-HYD... | 19.98 | 0.0 | ug/L | 22364 | 3 | 18.34 | 13761300 | 20.0 |
| 4-METHOXY-.BETA.-... | 22.28 | 0.1 | ug/L | 84231 | 4 | 22.63 | 14438500 | 20.0 |
| 3,6-DIMETHYL-TRIA... | 24.86 | 0.0 | ug/L | 31105 | 4 | 22.63 | 14438500 | 20.0 |