

## Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2101\LB.D

Vial: 10

Acq On : 22 Dec 2001 2:07 am

Operator: GALOS

Sample : gcms unknown 11/23

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 28 11:50 2001

Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/TCLP calibration table

Last Update : Wed Nov 28 15:33:44 2001

Response via : Initial Calibration

DataAcq Meth : NP112701

28164-28176  
28104-28106

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 11.80 | 152  | 691607   | 20.00 | ng/uL | -0.14    |
| 19) Naphthalene-d8        | 15.41 | 136  | 2704570  | 20.00 | ng/uL | -0.14    |
| 31) Acenaphthene-d10      | 20.67 | 164  | 1191938  | 20.00 | ng/uL | -0.15    |
| 49) Phenanthrene-d10      | 25.08 | 188  | 1736568m | 20.00 | ng/uL | -0.16    |
| 59) Chrysene-d12          | 33.09 | 240  | 1178288  | 20.00 | ng/uL | -0.16    |
| 68) Perylene-d12          | 37.15 | 264  | 713135   | 20.00 | ng/uL | -0.19    |

## System Monitoring Compounds

|                           |        |       |         |          |       |        |
|---------------------------|--------|-------|---------|----------|-------|--------|
| 4) 2-Fluorophenol         | 0.00   | 112   | 0       | 0.00     | ng/uL |        |
| Spiked Amount             | 75.000 | Range | 18 - 42 | Recovery | =     | 0.00%# |
| 5) Phenol-d5              | 0.00   | 99    | 0       | 0.00     | ng/uL |        |
| Spiked Amount             | 75.000 | Range | 19 - 32 | Recovery | =     | 0.00%# |
| 6) 2-Chlorophenol-d4      | 11.80  | 132   | 317     | 0.01     | ng/uL | 0.37   |
| Spiked Amount             | 75.000 | Range | 34 - 84 | Recovery | =     | 0.01%# |
| 7) 1,2-Dichlorobenzene-d4 | 0.00   | 152   | 0       | 0.00     | ng/uL |        |
| Spiked Amount             | 50.000 | Range | 26 - 73 | Recovery | =     | 0.00%# |
| 20) Nitrobenzene-d5       | 0.00   | 82    | 0       | 0.00     | ng/uL |        |
| Spiked Amount             | 50.000 | Range | 55 - 98 | Recovery | =     | 0.00%# |
| 32) 2-Fluorobiphenyl      | 18.83  | 172   | 1187    | 0.02     | ng/uL | 0.00   |
| Spiked Amount             | 50.000 | Range | 42 - 78 | Recovery | =     | 0.04%# |
| 33) 2,4,6-Tribromophenol  | 0.00   | 330   | 0       | 0.00     | ng/uL |        |
| Spiked Amount             | 75.000 | Range | 45 - 96 | Recovery | =     | 0.00%# |
| 62) Terphenyl-d14         | 0.00   | 244   | 0       | 0.00     | ng/uL |        |
| Spiked Amount             | 50.000 | Range | 58 - 98 | Recovery | =     | 0.00%# |

## Target Compounds

|                                |      |     |   | Qvalue |
|--------------------------------|------|-----|---|--------|
| 2) Pyridine                    | 0.00 | 79  | 0 | N.D.   |
| 3) N-nitrosodimethylamine      | 0.00 | 74  | 0 | N.D.   |
| 8) Phenol                      | 0.00 | 94  | 0 | N.D.   |
| 9) bis(2-Chloroethyl)ether     | 0.00 | 93  | 0 | N.D.   |
| 10) 2-Chlorophenol             | 0.00 | 128 | 0 | N.D.   |
| 11) 1,3-Dichlorobenzene        | 0.00 | 146 | 0 | N.D.   |
| 12) 1,4-Dichlorobenzene        | 0.00 | 146 | 0 | N.D.   |
| 13) 1,2-Dichlorobenzene        | 0.00 | 146 | 0 | N.D.   |
| 14) 2-Methylphenol             | 0.00 | 108 | 0 | N.D.   |
| 15) 2,2'-oxybis(1-Chloropropan | 0.00 | 45  | 0 | N.D.   |
| 16) 3&4-Methylphenol           | 0.00 | 108 | 0 | N.D.   |

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

LB.D NP112701.M Fri Dec 28 11:50:56 2001

Page 1

## Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2101\LB.D

Vial: 10

Acq On : 22 Dec 2001 2:07 am

Operator: GALOS

Sample : gcms unknown 11/23

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 28 11:50 2001

Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/TCLP calibration table

Last Update : Wed Nov 28 15:33:44 2001

Response via : Initial Calibration

DataAcq Meth : NP112701

| Compound                        | R.T.  | QIon | Response | Conc | Unit | Qvalue |
|---------------------------------|-------|------|----------|------|------|--------|
| 17) N-Nitrosodi-n-propylamine   | 0.00  | 70   | 0        | N.D. |      |        |
| 18) Hexachloroethane            | 0.00  | 117  | 0        | N.D. |      |        |
| 21) Nitrobenzene                | 0.00  | 77   | 0        | N.D. |      |        |
| 22) Isophorone                  | 0.00  | 82   | 0        | N.D. |      |        |
| 23) 2-Nitrophenol               | 0.00  | 139  | 0        | N.D. |      |        |
| 24) 2,4-Dimethylphenol          | 0.00  | 107  | 0        | N.D. |      |        |
| 25) bis(2-Chloroethoxy)methane  | 0.00  | 93   | 0        | N.D. |      |        |
| 26) 2,4-Dichlorophenol          | 0.00  | 162  | 0        | N.D. |      |        |
| 27) 1,2,4-Trichlorobenzene      | 0.00  | 180  | 0        | N.D. |      |        |
| 28) Naphthalene                 | 0.00  | 128  | 0        | N.D. |      |        |
| 29) Hexachlorobutadiene         | 0.00  | 225  | 0        | N.D. |      |        |
| 30) 4-Chloro-3-methylphenol     | 0.00  | 107  | 0        | N.D. |      |        |
| 34) Hexachlorocyclopentadiene   | 0.00  | 237  | 0        | N.D. |      |        |
| 35) 2,4,6-Trichlorophenol       | 0.00  | 196  | 0        | N.D. |      |        |
| 36) 2,4,5-Trichlorophenol       | 0.00  | 196  | 0        | N.D. |      |        |
| 37) 2-Chloronaphthalene         | 0.00  | 162  | 0        | N.D. |      |        |
| 38) Dimethylphthalate           | 0.00  | 163  | 0        | N.D. | d    |        |
| 39) 2,6-Dinitrotoluene          | 0.00  | 165  | 0        | N.D. | d    |        |
| 40) Acenaphthylene              | 0.00  | 152  | 0        | N.D. |      |        |
| 41) Acenaphthene                | 0.00  | 153  | 0        | N.D. |      |        |
| 42) 2,4-Dinitrophenol           | 0.00  | 184  | 0        | N.D. |      |        |
| 43) 4-Nitrophenol               | 0.00  | 65   | 0        | N.D. |      |        |
| 44) 2,4-Dinitrotoluene          | 0.00  | 165  | 0        | N.D. |      |        |
| 45) Diethylphthalate            | 0.00  | 149  | 0        | N.D. |      |        |
| 46) 4-Chlorophenylphenylether   | 0.00  | 204  | 0        | N.D. |      |        |
| 47) Fluorene                    | 0.00  | 166  | 0        | N.D. |      |        |
| 48) Azobenzene/ 1,2-Diphenylhyd | 0.00  | 77   | 0        | N.D. |      |        |
| 50) 4,6-Dinitro-2-methylphenol  | 0.00  | 198  | 0        | N.D. |      |        |
| 51) N-Nitrosodiphenylamine      | 0.00  | 169  | 0        | N.D. |      |        |
| 52) 4-Bromophenyl-phenylether   | 0.00  | 248  | 0        | N.D. |      |        |
| 53) Hexachlorobenzene           | 0.00  | 284  | 0        | N.D. |      |        |
| 54) Pentachlorophenol           | 0.00  | 266  | 0        | N.D. |      |        |
| 55) Phenanthrene                | 0.00  | 178  | 0        | N.D. |      |        |
| 56) Anthracene                  | 0.00  | 178  | 0        | N.D. |      |        |
| 57) Di-n-butylphthalate         | 27.07 | 149  | 1394     | N.D. |      |        |
| 58) Fluoranthene                | 0.00  | 202  | 0        | N.D. |      |        |
| 60) 3,3'-Dichlorobenzidine      | 0.00  | 252  | 0        | N.D. |      |        |

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

LB.D NP112701.M Fri Dec 28 11:50:58 2001

Page 2

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2101\LB.D  
 Acq On : 22 Dec 2001 2:07 am  
 Sample : gcms unknown 11/23  
 Misc :  
 MS Integration Params: RTEINT.P  
 Quant Time: Dec 28 11:50 2001

Vial: 10  
 Operator: GALOS  
 Inst : GC/MS Ins  
 Multiplr: 1.00

Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)  
 Title : 208 625/TCLP calibration table  
 Last Update : Wed Nov 28 15:33:44 2001  
 Response via : Initial Calibration  
 DataAcq Meth : NP112701

| Compound                       | R.T.  | QIon | Response | Conc | Unit | Qvalue |
|--------------------------------|-------|------|----------|------|------|--------|
| 61) Benzidine                  | 0.00  | 184  | 0        | N.D. |      |        |
| 63) Pyrene                     | 0.00  | 202  | 0        | N.D. |      |        |
| 64) Butylbenzylphthalate       | 0.00  | 149  | 0        | N.D. |      |        |
| 65) Benzo(a)anthracene         | 33.09 | 228  | 2822     | N.D. |      |        |
| 66) Bis(2-ethylhexyl)phthalate | 33.36 | 149  | 8372     | N.D. |      |        |
| 67) Chrysene                   | 33.09 | 228  | 2822     | N.D. |      |        |
| 69) Di-n-Octylphthalate        | 0.00  | 149  | 0        | N.D. |      |        |
| 70) Benzo(b)fluoranthene       | 0.00  | 252  | 0        | N.D. |      |        |
| 71) Benzo(k)fluoranthene       | 0.00  | 252  | 0        | N.D. |      |        |
| 72) Benzo(a)pyrene             | 37.15 | 252  | 2450     | N.D. |      |        |
| 73) Indeno(1,2,3-cd)pyrene     | 0.00  | 276  | 0        | N.D. |      |        |
| 74) Dibenz(a,h)anthracene      | 0.00  | 278  | 0        | N.D. |      |        |
| 75) Benzo(g,h,i)perylene       | 0.00  | 276  | 0        | N.D. |      |        |

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

LB.D NP112701.M Fri Dec 28 11:50:59 2001

Page 3

## Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC2101\LB.D

Acq On : 22 Dec 2001 2:07 am

Sample : gcms unknown 11/23

Misc :

MS Integration Params: RTEINT.P

Quant Time: Dec 28 11:50 2001

Vial: 10

Operator: GALOS

Inst : GC/MS Ins

Multiplr: 1.00

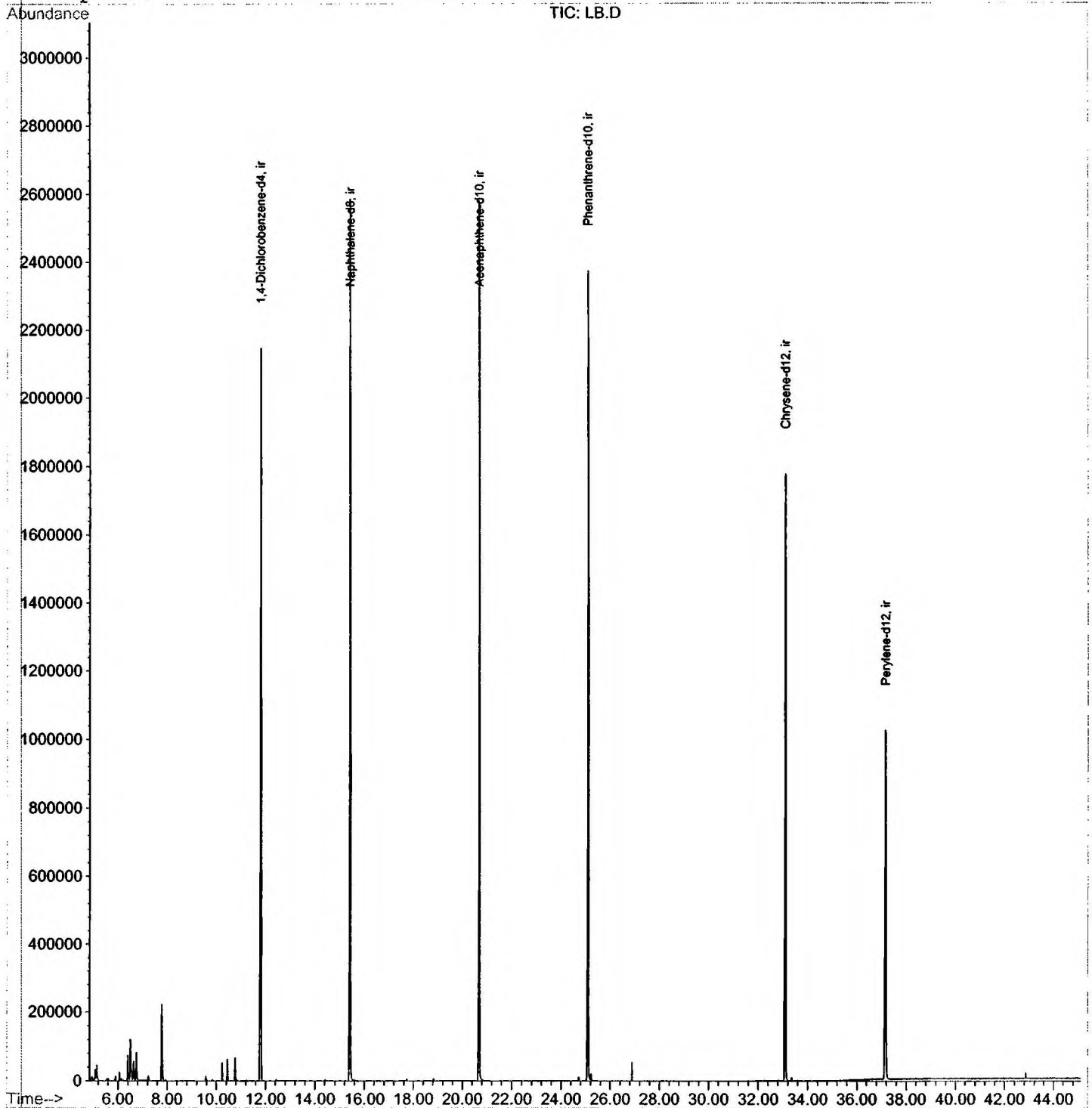
Quant Results File: NP112701.RES

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/TCLP calibration table

Last Update : Wed Nov 28 15:33:44 2001

Response via : Initial Calibration



## LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC2101\LB.D

Acq On : 22 Dec 2001 2:07 am

Sample : gcms unknown 11/23

Misc :

MS Integration Params: LSCINT.P

Vial: 10

Operator: GALOS

Inst : GC/MS Ins

Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/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 &lt; 100 prefer &lt; Baseline drop else tangent &gt;

Peak separation: 5

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|--------------|----------------|---------------|
| 1         | 5.075       | 22            | 25          | 29           | rVV      | 33539          | 61671        | 1.11%          | 0.217%        |
| 2         | 5.139       | 29            | 32          | 41           | rVB      | 46409          | 98014        | 1.77%          | 0.345%        |
| 3         | 6.395       | 165           | 169         | 176          | rBV      | 74313          | 144116       | 2.60%          | 0.507%        |
| 4         | 6.496       | 176           | 180         | 184          | rBV      | 118215         | 242562       | 4.38%          | 0.853%        |
| 5         | 6.634       | 191           | 195         | 203          | rVB      | 55653          | 107868       | 1.95%          | 0.380%        |
| 6         | 6.744       | 203           | 207         | 217          | rBV      | 81706          | 163024       | 2.94%          | 0.574%        |
| 7         | 7.771       | 315           | 319         | 332          | rBB      | 223564         | 448535       | 8.10%          | 1.578%        |
| 8         | 10.237      | 584           | 588         | 593          | rBV      | 53525          | 95992        | 1.73%          | 0.338%        |
| 9         | 10.448      | 607           | 611         | 616          | rBB      | 63833          | 116114       | 2.10%          | 0.409%        |
| 10        | 10.769      | 642           | 646         | 651          | rVB      | 67743          | 120862       | 2.18%          | 0.425%        |
| 11        | 11.796      | 752           | 758         | 769          | rVB      | 2148170        | 4319372      | 78.03%         | 15.198%       |
| 12        | 15.400      | 1145          | 1151        | 1161         | rBV      | 2586279        | 5535834      | 100.00%        | 19.478%       |
| 13        | 20.673      | 1720          | 1726        | 1742         | rBV      | 2580649        | 5346719      | 96.58%         | 18.812%       |
| 14        | 25.084      | 2200          | 2207        | 2218         | rBV2     | 2374517        | 4963957      | 89.67%         | 17.466%       |
| 15        | 33.089      | 3073          | 3080        | 3091         | rBV2     | 1777154        | 3877708      | 70.05%         | 13.644%       |
| 16        | 37.152      | 3515          | 3523        | 3536         | rBV2     | 1020636        | 2778780      | 50.20%         | 9.777%        |

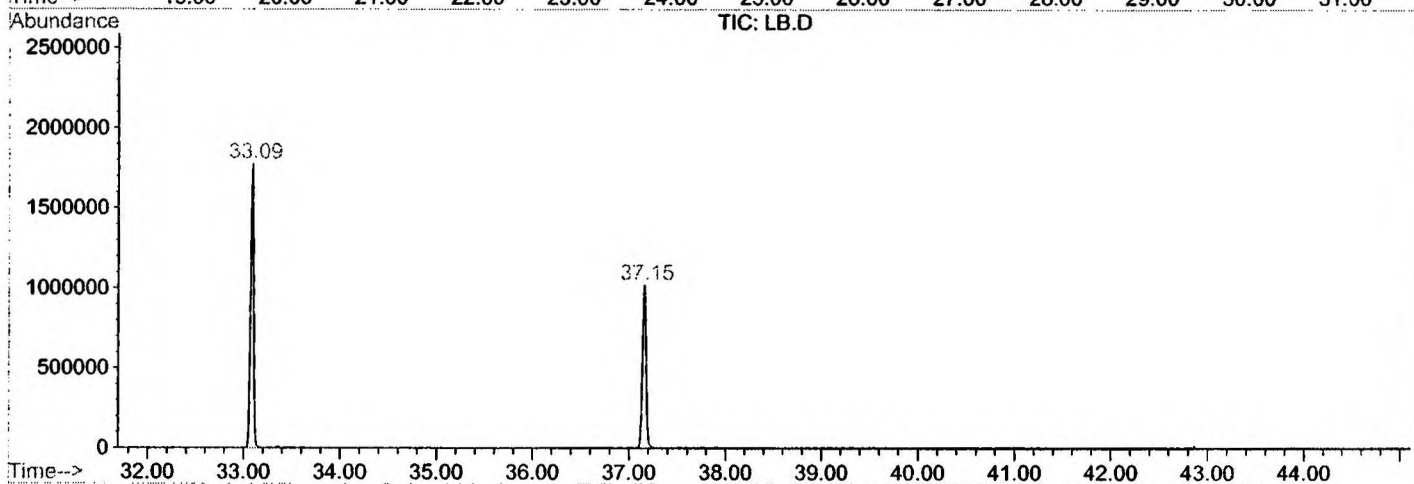
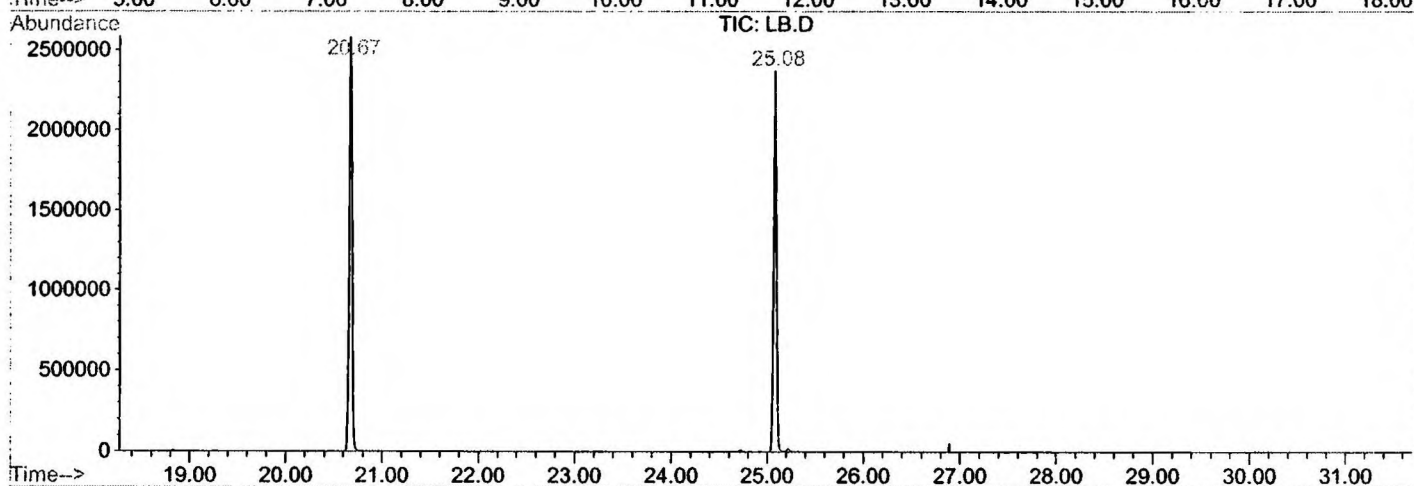
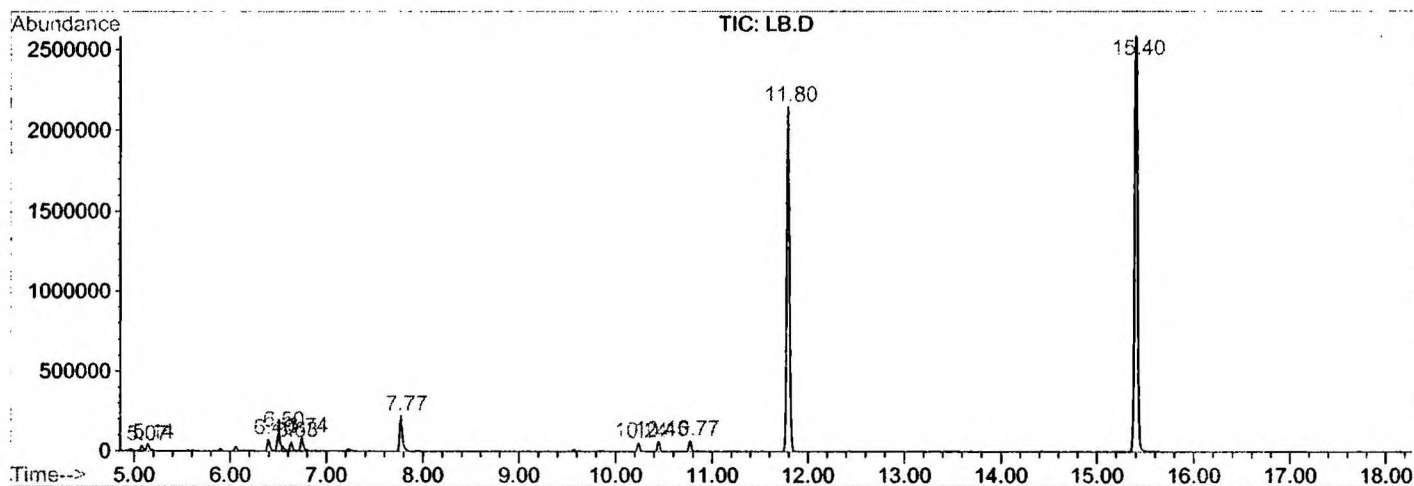
Sum of corrected areas: 28421128

LB.D NP112701.M

Fri Dec 28 11:46:36 2001

# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2101\LB.D  
 Operator : GALOS  
 Acquired : 22 Dec 2001 2:07 am using AcqMethod NP112701  
 Instrument : GC/MS Ins  
 Sample Name: gcms unknown 11/23  
 Misc Info :  
 Vial Number: 10  
 Quant File :NP112701.RES (RTE Integrator)



LB.D NP112701.M

Fri Dec 28 11:46:39 2001

# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\LB.D  
 Acq On : 22 Dec 2001 2:07 am  
 Sample : gcms unknown 11/23  
 Misc :  
 MS Integration Params: LSCINT.P

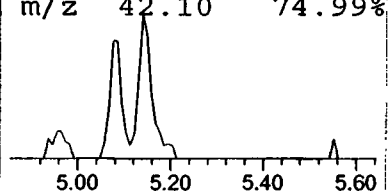
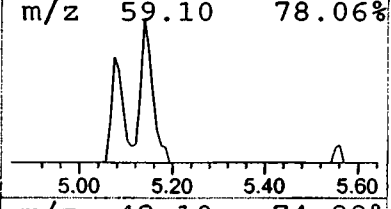
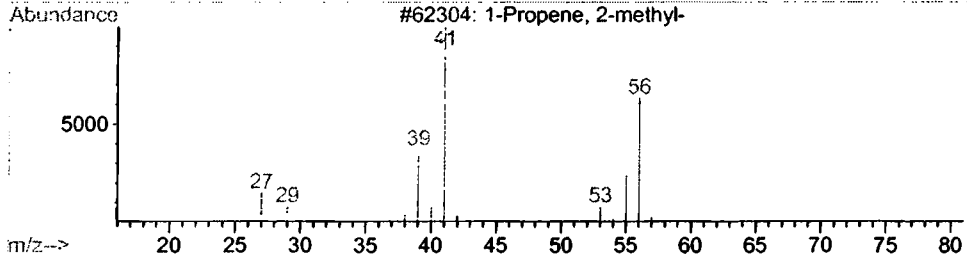
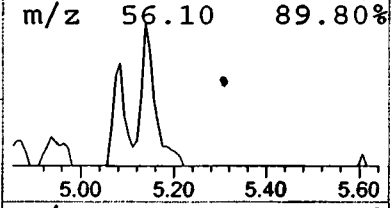
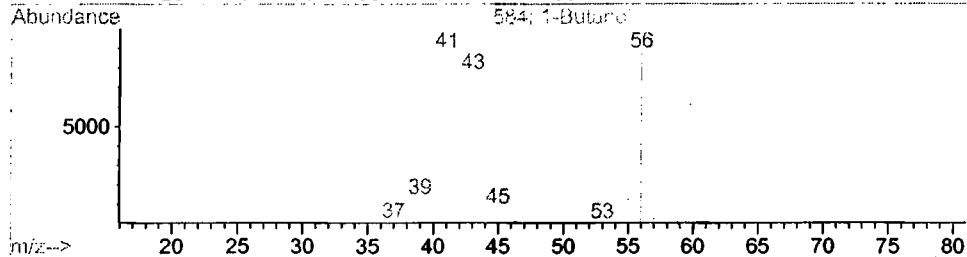
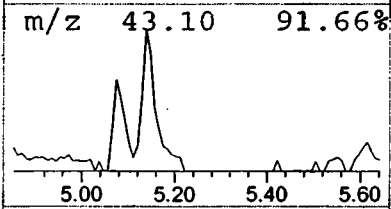
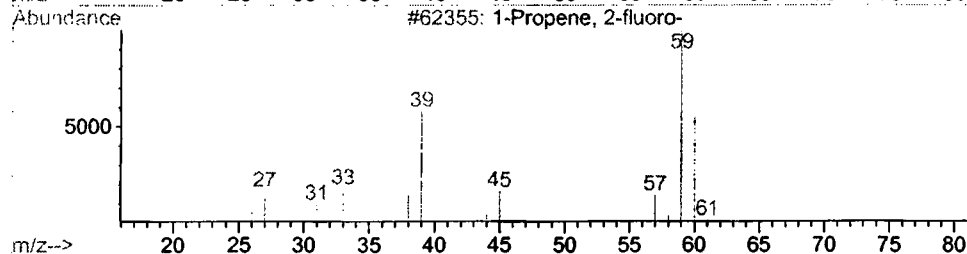
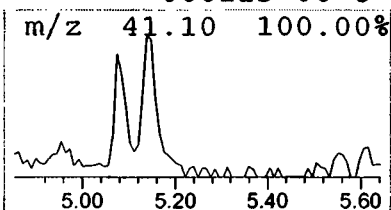
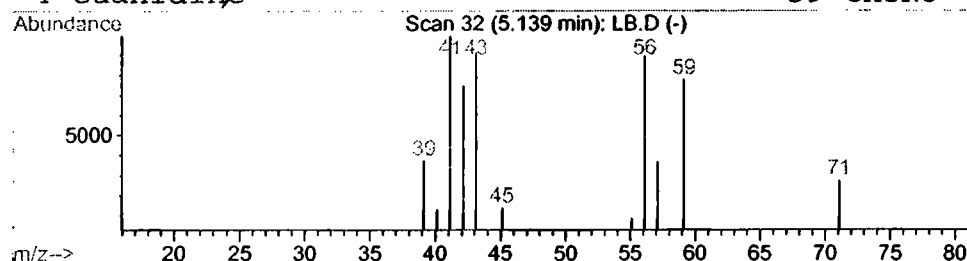
Vial: 10  
 Operator: GALOS  
 Inst : GC/MS Ins  
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)  
 Title : 208 625/TCLP calibration table  
 Library : C:\DATABASE\NBS75K.L

\*\*\*\*\*  
 Peak Number 1 1-Propene, 2-fluoro- Concentration Rank 9

| R.T. | EstConc    | Area  | Relative to ISTD       | R.T.  |
|------|------------|-------|------------------------|-------|
| 5.14 | 0.45 ng/uL | 98014 | 1,4-Dichlorobenzene-d4 | 11.80 |

| Hit# of | 5                    | Tentative ID | MW | MolForm | CAS#        | Qual |
|---------|----------------------|--------------|----|---------|-------------|------|
| 1       | 1-Propene, 2-fluoro- |              | 60 | C3H5F   | 001184-60-7 | 9    |
| 2       | 1-Butanol            |              | 74 | C4H10O  | 000071-36-3 | 9    |
| 3       | 1-Propene, 2-methyl- |              | 56 | C4H8    | 000115-11-7 | 7    |
| 4       | Guanidine            |              | 59 | CH5N3   | 000113-00-8 | 5    |



## Library Search Compound Report

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Acq On : 22 Dec 2001 2:07 am  
Sample : gcms unknown 11/23  
Misc :  
MS Integration Params: LSCINT.P

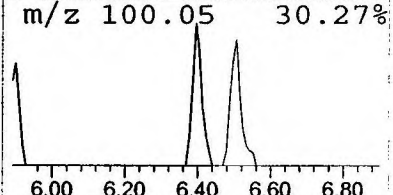
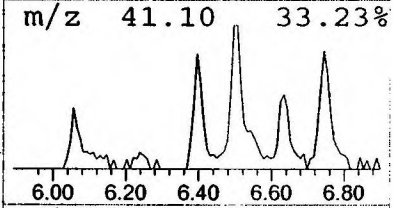
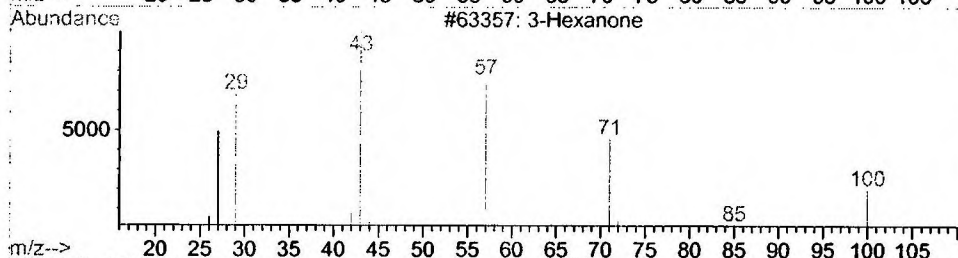
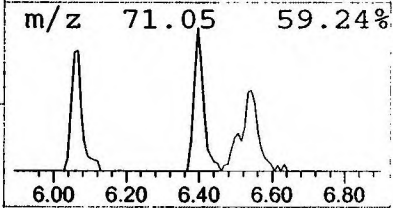
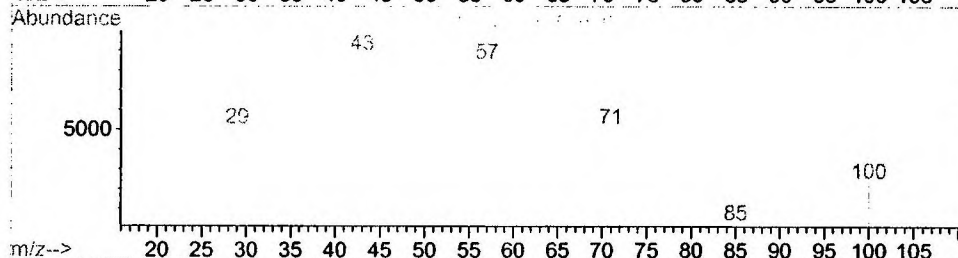
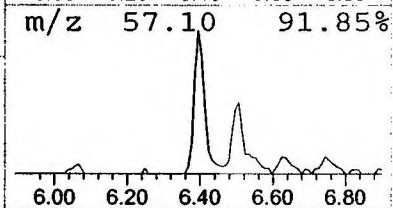
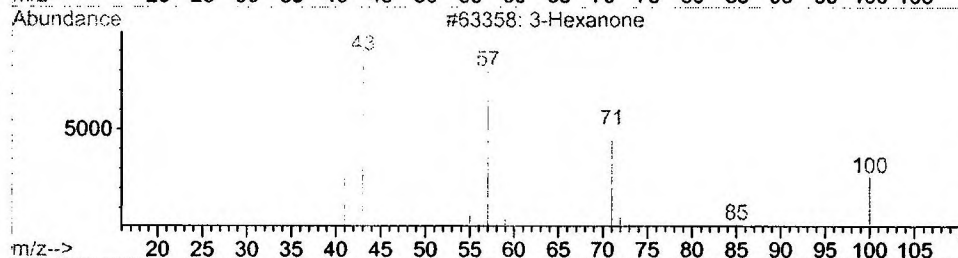
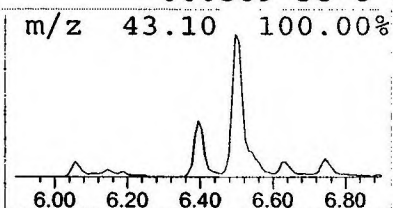
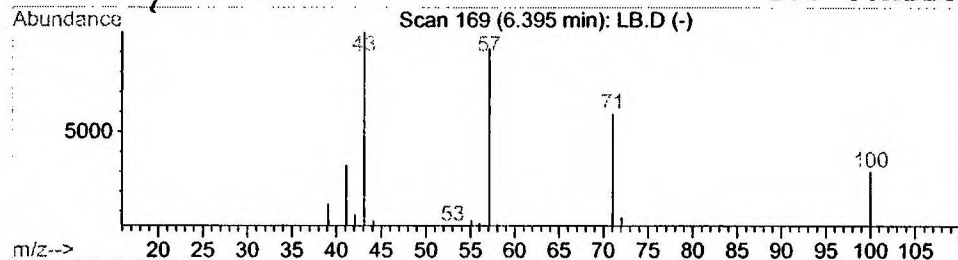
Vial: 10  
Operator: GALOS  
Inst : GC/MS Ins  
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)  
Title : 208 625/TCLP calibration table  
Library : C:\DATABASE\NBS75K.L

\*\*\*\*\*  
Peak Number 2 3-Hexanone Concentration Rank 5

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T.  |
|------|------------|--------|------------------------|-------|
| 6.40 | 0.67 ng/uL | 144116 | 1,4-Dichlorobenzene-d4 | 11.80 |

| Hit# | of         | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------------|---|--------------|-----|---------|-------------|------|
| 1    | 3-Hexanone |   |              | 100 | C6H12O  | 000589-38-8 | 91   |
| 2    | 3-Hexanone |   |              | 100 | C6H12O  | 000589-38-8 | 90   |
| 3    | 3-Hexanone |   |              | 100 | C6H12O  | 000589-38-8 | 83   |
| 4    | 3-Hexanone |   |              | 100 | C6H12O  | 000589-38-8 | 56   |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\LB.D  
 Acq On : 22 Dec 2001 2:07 am  
 Sample : gcms unknown 11/23  
 Misc :  
 MS Integration Params: LSCINT.P

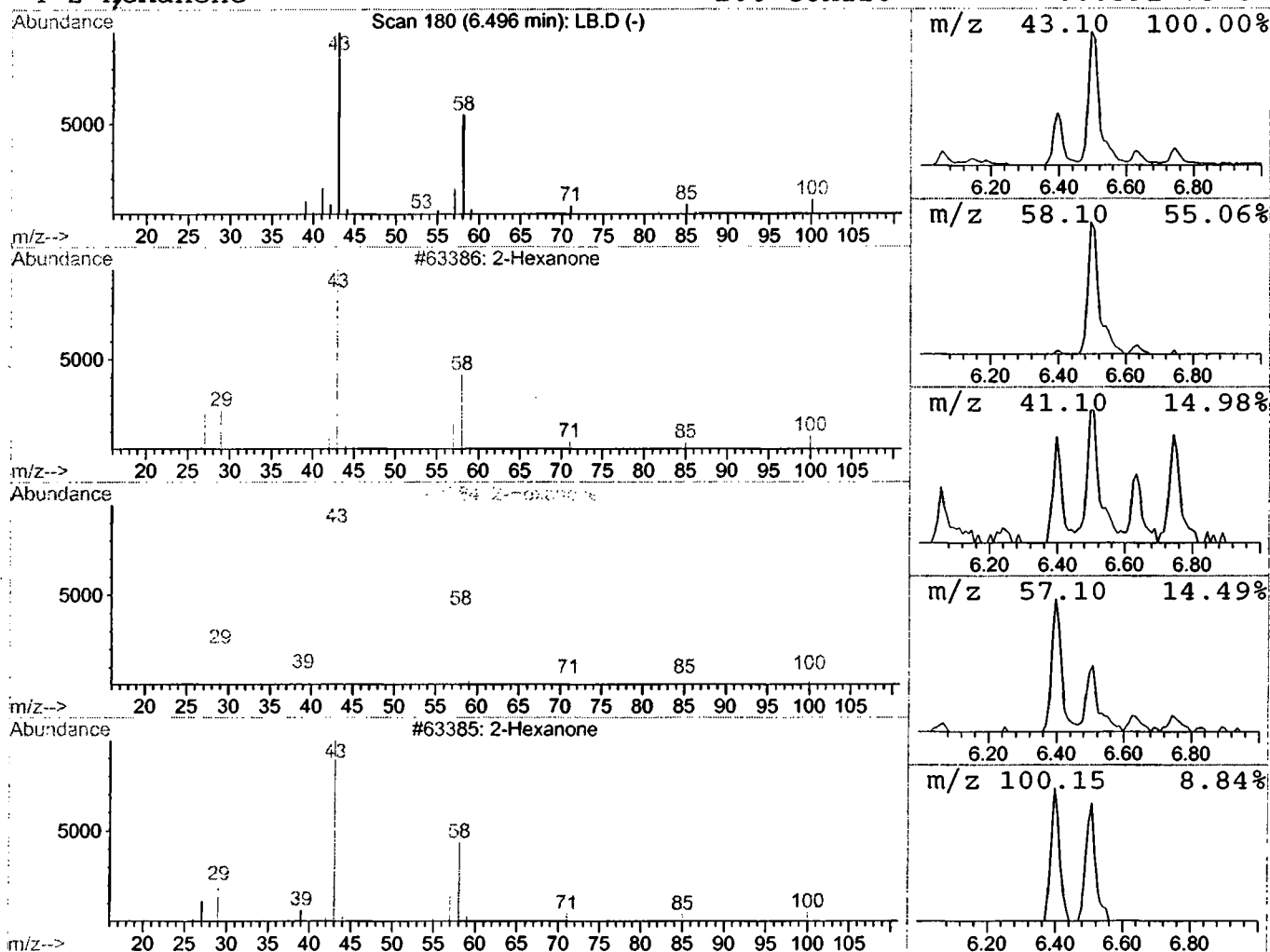
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 Operator: GALOS  
 Inst : GC/MS Ins  
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)  
 Title : 208 625/TCLP calibration table  
 Library : C:\DATABASE\NBS75K.L

\*\*\*\*\*  
 Peak Number 3 2-Hexanone Concentration Rank 3

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T.  |
|------|------------|--------|------------------------|-------|
| 6.50 | 1.12 ng/uL | 242562 | 1,4-Dichlorobenzene-d4 | 11.80 |

| Hit# of | 5          | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|------------|--------------|-----|---------|-------------|------|
| 1       | 2-Hexanone |              | 100 | C6H12O  | 000591-78-6 | 91   |
| 2       | 2-Hexanone |              | 100 | C6H12O  | 000591-78-6 | 91   |
| 3       | 2-Hexanone |              | 100 | C6H12O  | 000591-78-6 | 91   |
| 4       | 2-Hexanone |              | 100 | C6H12O  | 000591-78-6 | 90   |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\LB.D  
 Acq On : 22 Dec 2001 2:07 am  
 Sample : gcms unknown 11/23  
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 MS Integration Params: LSCINT.P

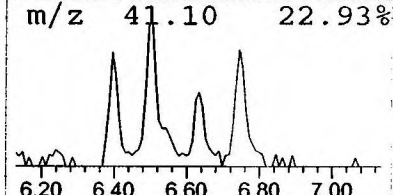
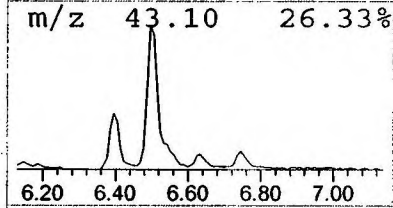
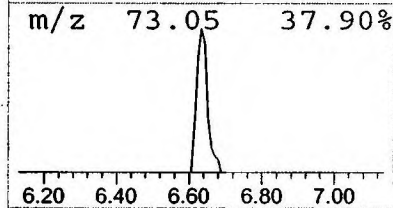
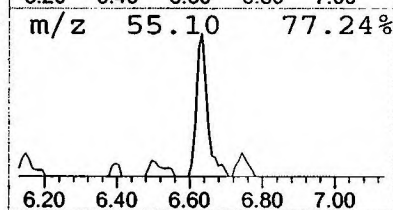
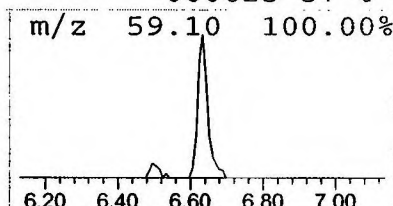
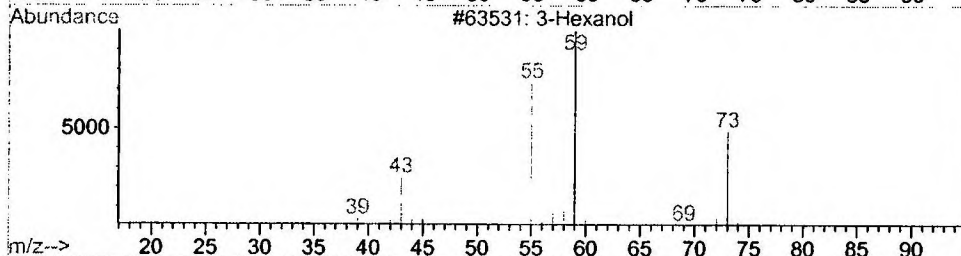
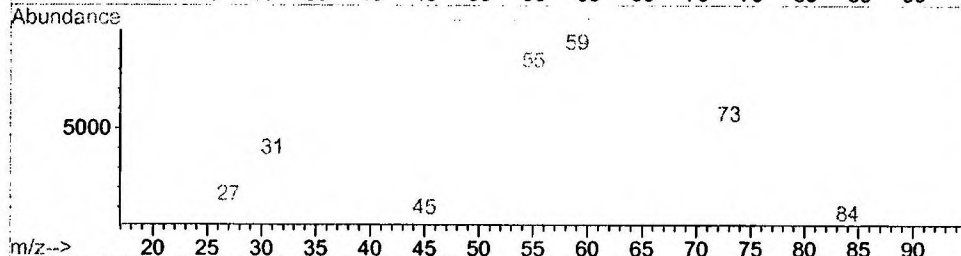
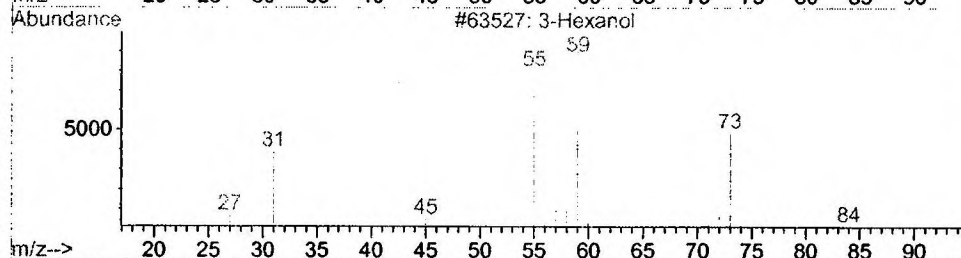
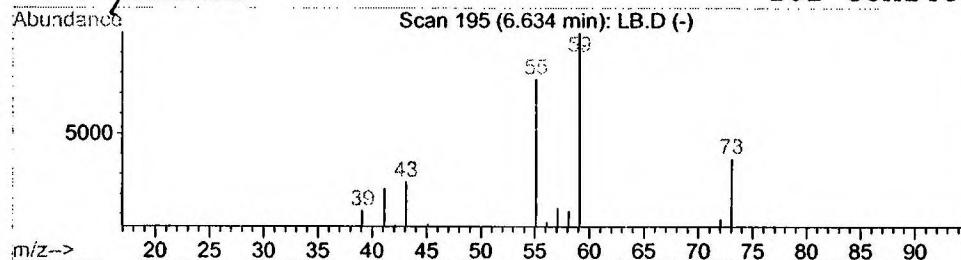
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 Inst : GC/MS Ins  
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)  
 Title : 208 625/TCLP calibration table  
 Library : C:\DATABASE\NBS75K.L

\*\*\*\*\*  
 Peak Number 4 3-Hexanol Concentration Rank 8

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T.  |
|------|------------|--------|------------------------|-------|
| 6.63 | 0.50 ng/uL | 107868 | 1,4-Dichlorobenzene-d4 | 11.80 |

| Hit# | of | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|--------------|-----|---------|-------------|------|
| 1    | 5  | 3-Hexanol    | 102 | C6H14O  | 000623-37-0 | 83   |
| 2    |    | 3-Hexanol    | 102 | C6H14O  | 000623-37-0 | 83   |
| 3    |    | 3-Hexanol    | 102 | C6H14O  | 000623-37-0 | 83   |
| 4    |    | 3-Hexanol    | 102 | C6H14O  | 000623-37-0 | 64   |



## Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\LB.D  
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Sample : gcms unknown 11/23  
Misc :  
MS Integration Params: LSCINT.P

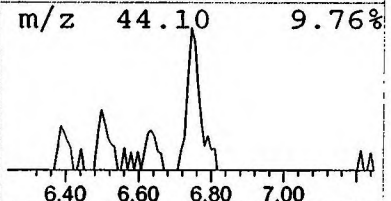
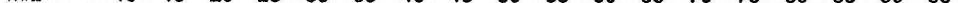
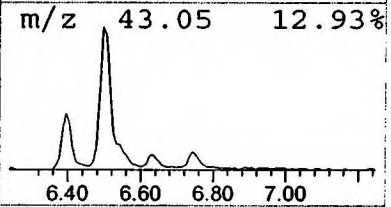
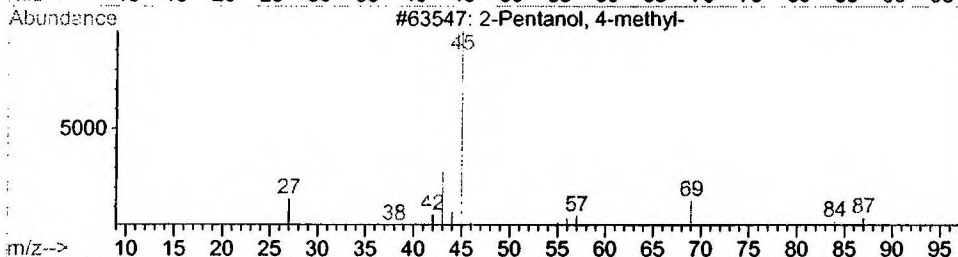
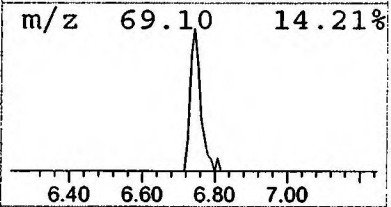
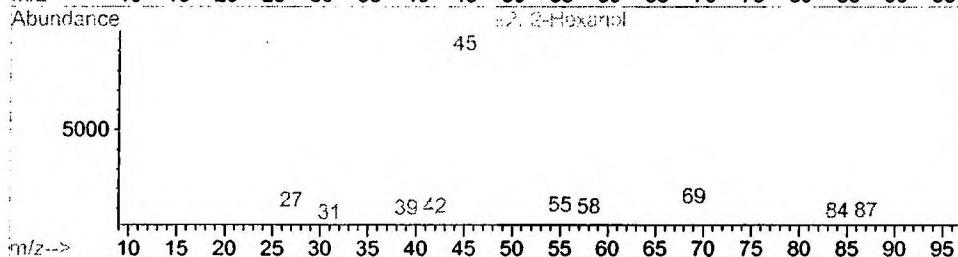
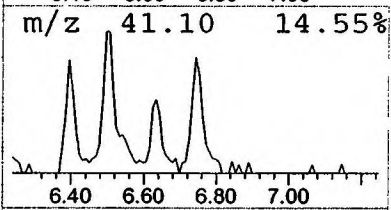
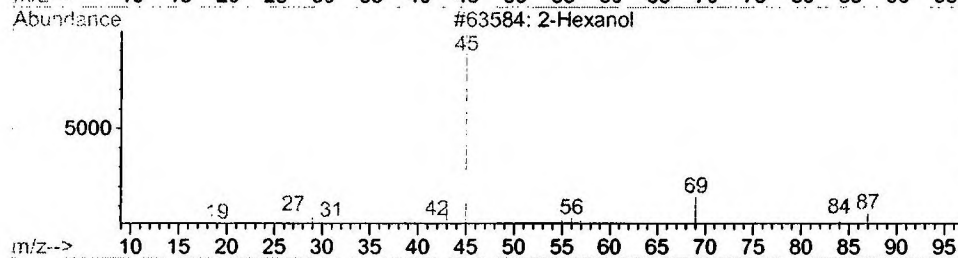
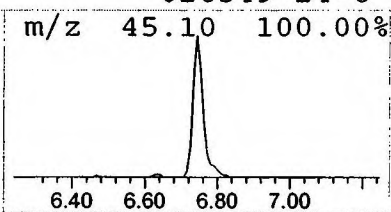
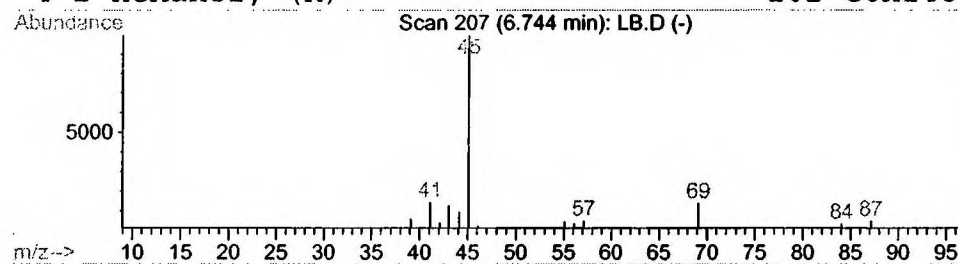
Vial: 10  
Operator: GALOS  
Inst : GC/MS Ins  
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)  
Title : 208 625/TCLP calibration table  
Library : C:\DATABASE\NBS75K.L

\*\*\*\*\*  
Peak Number 5 2-Hexanol Concentration Rank 4

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T.  |
|------|------------|--------|------------------------|-------|
| 6.74 | 0.75 ng/uL | 163024 | 1,4-Dichlorobenzene-d4 | 11.80 |

| Hit# of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|-----------|-----------------------|-----|---------|-------------|------|
| 1         | 2-Hexanol             | 102 | C6H14O  | 000626-93-7 | 83   |
| 2         | 2-Hexanol             | 102 | C6H14O  | 000626-93-7 | 83   |
| 3         | 2-Pentanol, 4-methyl- | 102 | C6H14O  | 000108-11-2 | 74   |
| 4         | 2-Hexanol, (R) -      | 102 | C6H14O  | 026549-24-6 | 74   |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\LB.D  
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 MS Integration Params: LSCINT.P

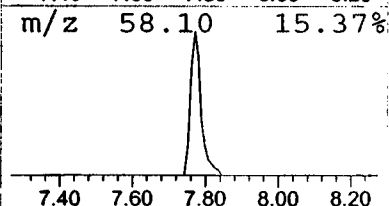
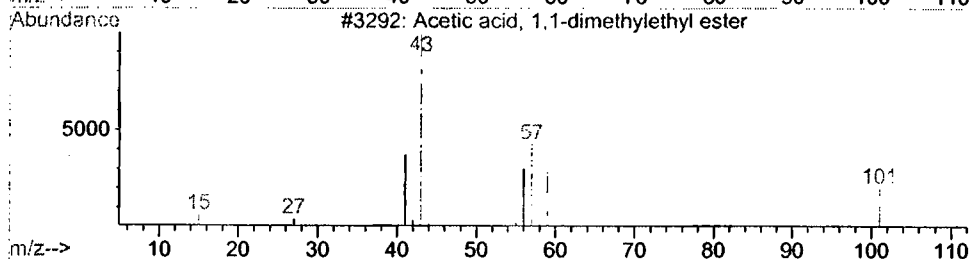
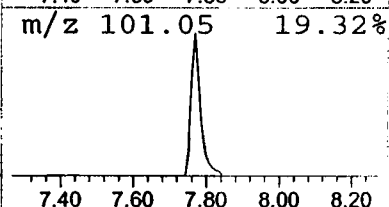
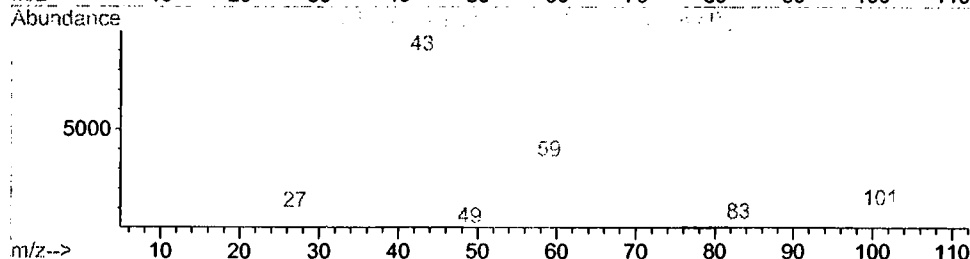
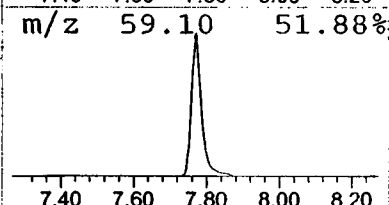
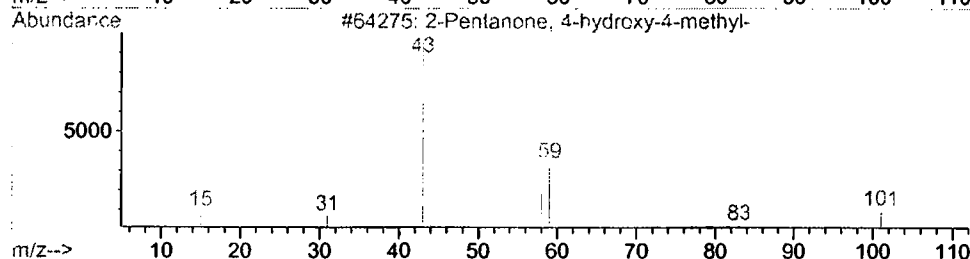
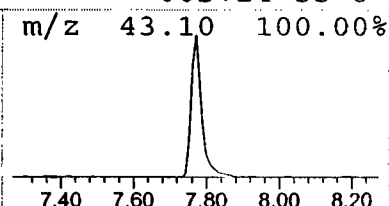
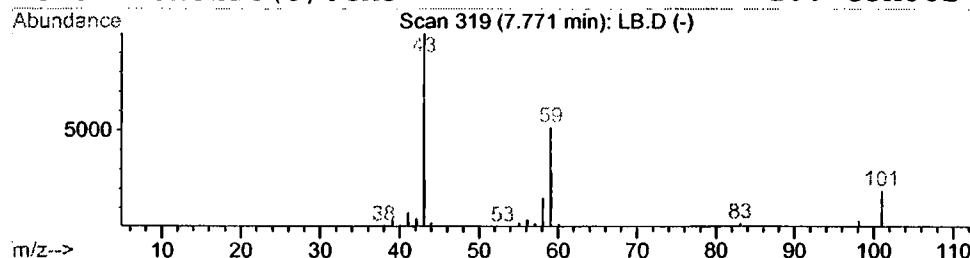
Vial: 10  
 Operator: GALOS  
 Inst : GC/MS Ins  
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)  
 Title : 208 625/TCLP calibration table  
 Library : C:\DATABASE\NBS75K.L

\*\*\*\*\*  
 Peak Number 6 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 2

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T.  |
|------|------------|--------|------------------------|-------|
| 7.77 | 2.08 ng/uL | 448535 | 1,4-Dichlorobenzene-d4 | 11.80 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 40   |
| 2    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 40   |
| 3    |    |   | Acetic acid, 1,1-dimethylethyl este | 116 | C6H12O2 | 000540-88-5 | 33   |
| 4    |    |   | CH2=CHCH2C(O)OCH3                   | 100 | C5H8O2  | 003724-55-8 | 10   |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\LB.D  
 Acq On : 22 Dec 2001 2:07 am  
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 Misc :  
 MS Integration Params: LSCINT.P

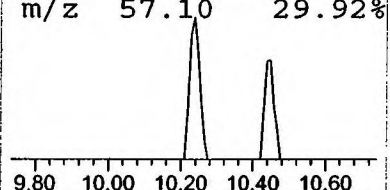
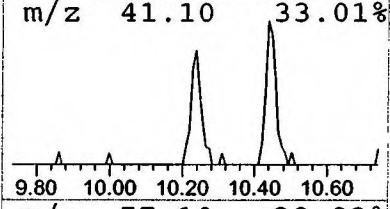
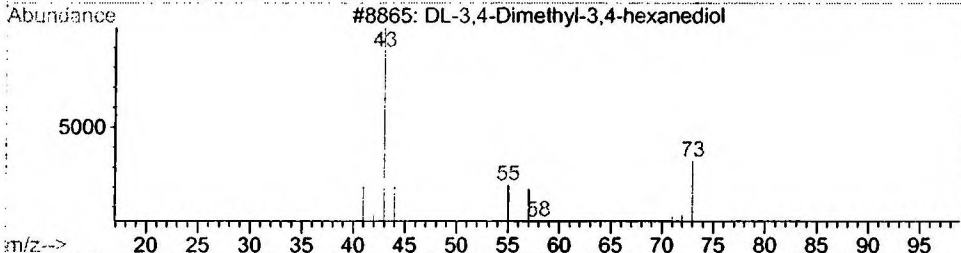
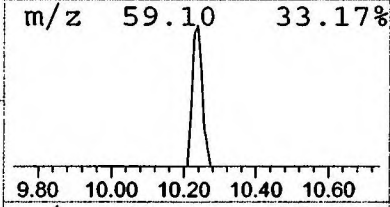
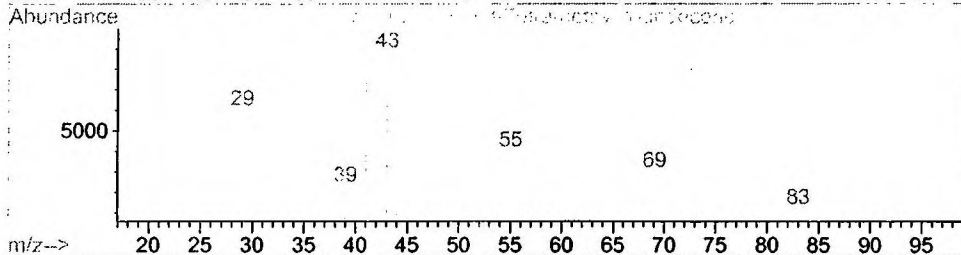
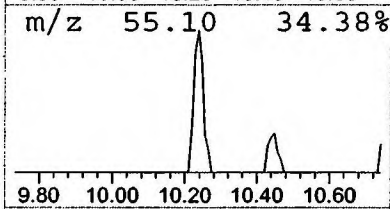
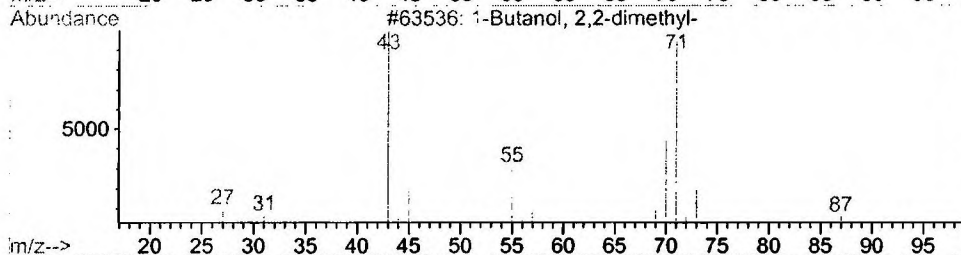
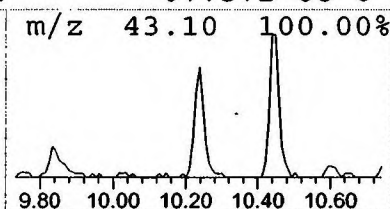
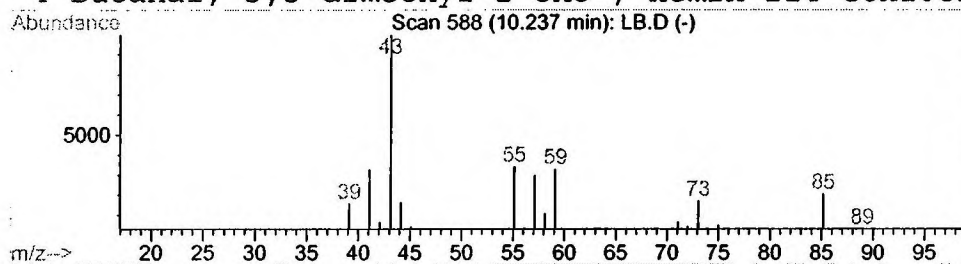
Vial: 10  
 Operator: GALOS  
 Inst : GC/MS Ins  
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)  
 Title : 208 625/TCLP calibration table  
 Library : C:\DATABASE\NBS75K.L

\*\*\*\*\*  
 Peak Number 7 1-Butanol, 2,2-dimethyl- Concentration Rank 10

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 10.24 | 0.44 ng/uL | 95992 | 1,4-Dichlorobenzene-d4 | 11.80 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Butanol, 2,2-dimethyl-            | 102 | C6H14O  | 001185-33-7 | 9    |
| 2    |    |   | 2,4,6,8-Tetramethyl-1-undecene      | 210 | C15H30  | 059920-26-2 | 9    |
| 3    |    |   | DL-3,4-Dimethyl-3,4-hexanediol      | 146 | C8H18O2 | 032388-94-6 | 9    |
| 4    |    |   | Butanal, 3,3-dimethyl-2-oxo-, hemih | 114 | C6H10O2 | 077572-68-0 | 9    |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\LB.D  
 Acq On : 22 Dec 2001 2:07 am  
 Sample : gcms unknown 11/23  
 Misc :  
 MS Integration Params: LSCINT.P

Vial: 10  
 Operator: GALOS  
 Inst : GC/MS Ins  
 Multiplr: 1.00

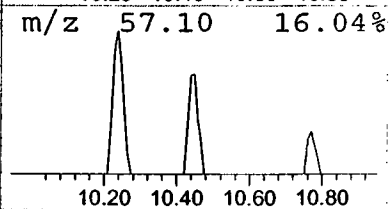
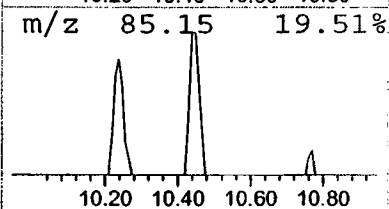
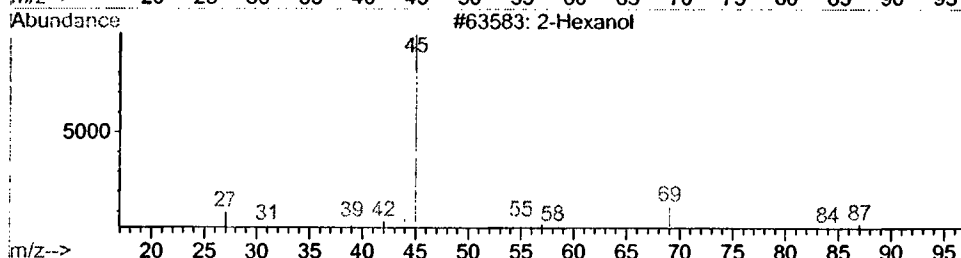
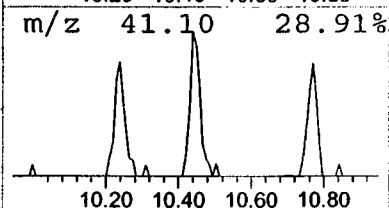
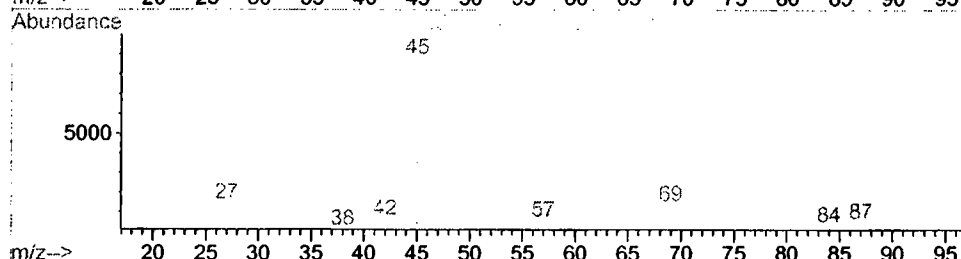
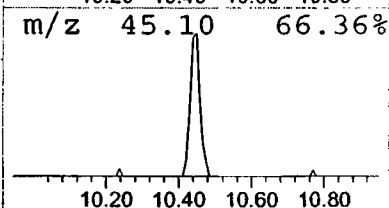
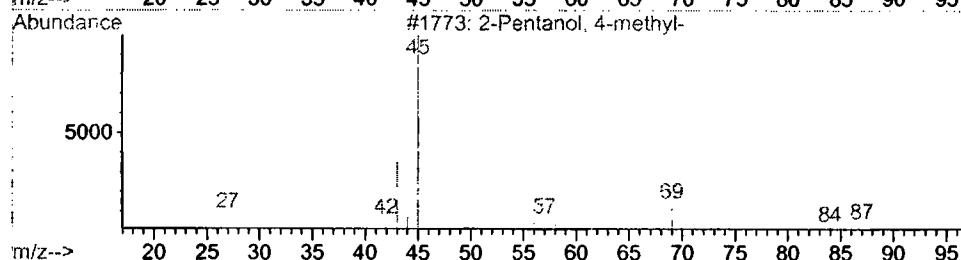
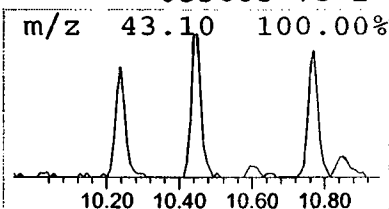
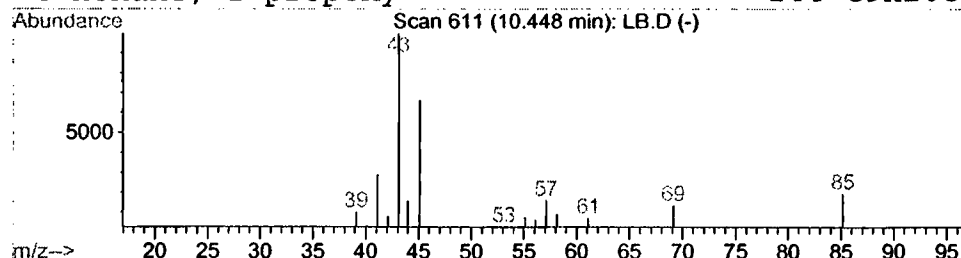
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)  
 Title : 208 625/TCLP calibration table  
 Library : C:\DATABASE\NBS75K.L

\*\*\*\*\*  
 Peak Number 8 2-Pentanol, 4-methyl- Concentration Rank 7

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 10.45 | 0.54 ng/uL | 116114 | 1,4-Dichlorobenzene-d4 | 11.80 |

| Hit# of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|-----------|-----------------------|-----|---------|-------------|------|
| 1         | 2-Pentanol, 4-methyl- | 102 | C6H14O  | 000108-11-2 | 25   |
| 2         | 2-Pentanol, 4-methyl- | 102 | C6H14O  | 000108-11-2 | 23   |
| 3         | 2-Hexanol             | 102 | C6H14O  | 000626-93-7 | 23   |
| 4         | Hexane, 1-propoxy-    | 144 | C9H20O  | 053685-78-2 | 17   |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\LB.D  
 Acq On : 22 Dec 2001 2:07 am  
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 Misc :  
 MS Integration Params: LSCINT.P

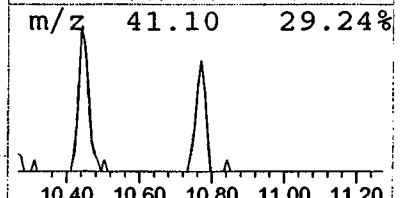
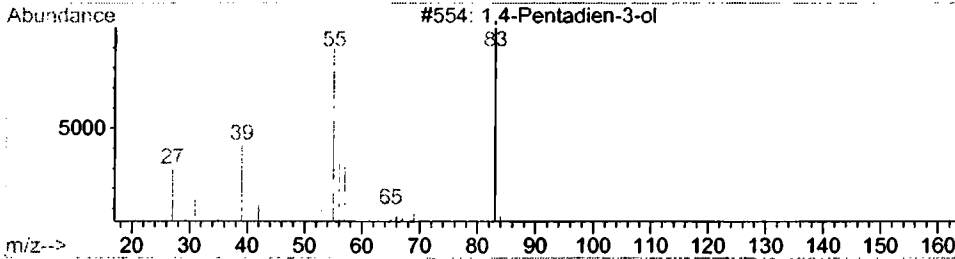
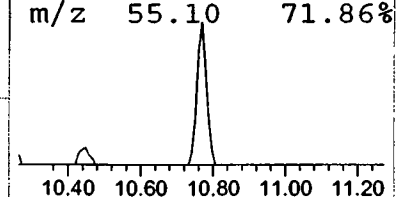
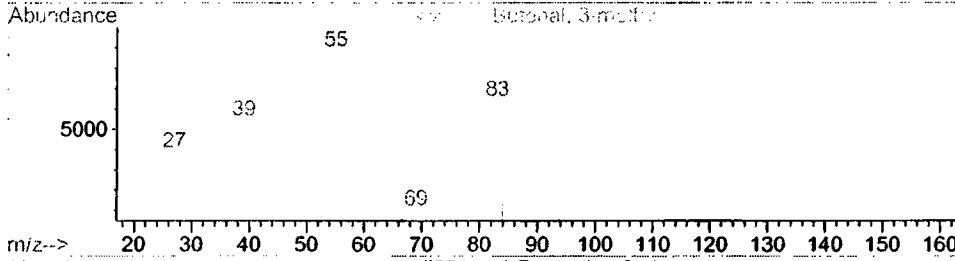
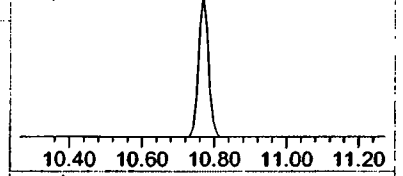
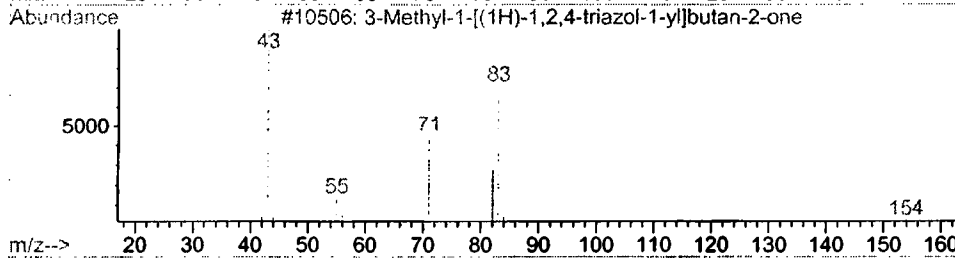
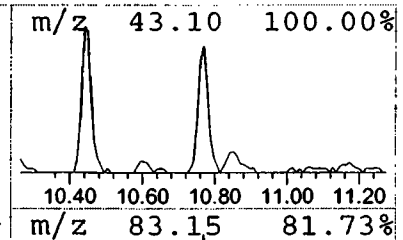
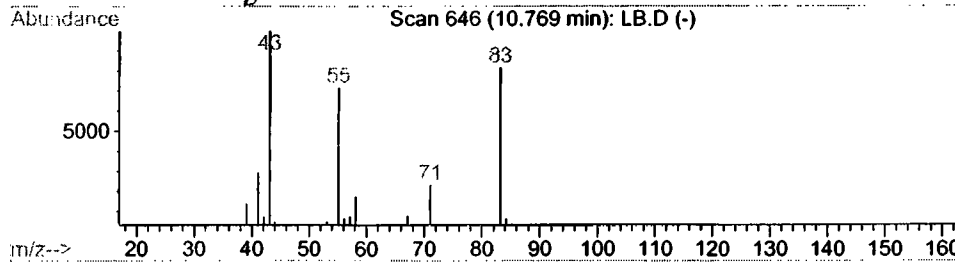
Vial: 10  
 Operator: GALOS  
 Inst : GC/MS Ins  
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)  
 Title : 208 625/TCLP calibration table  
 Library : C:\DATABASE\NBS75K.L

\*\*\*\*\*  
 Peak Number 9 3-Methyl-1-[(1H)-1,2,4-triazol Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 10.77 | 0.56 ng/uL | 120862 | 1,4-Dichlorobenzene-d4 | 11.80 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 3-Methyl-1-[(1H)-1,2,4-triazol-1-yl | 153 | C7H11N3O | 064922-02-7 | 33   |
| 2    |    |   | 2-Butenal, 3-methyl-                | 84  | C5H8O    | 000107-86-8 | 9    |
| 3    |    |   | 1,4-Pentadien-3-ol                  | 84  | C5H8O    | 000922-65-6 | 9    |
| 4    |    |   | Butane                              | 58  | C4H10    | 000106-97-8 | 9    |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\LB.D  
 Acq On : 22 Dec 2001 2:07 am  
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 MS Integration Params: LSCINT.P

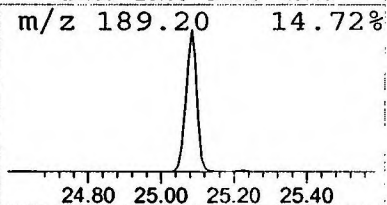
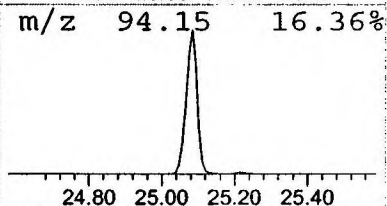
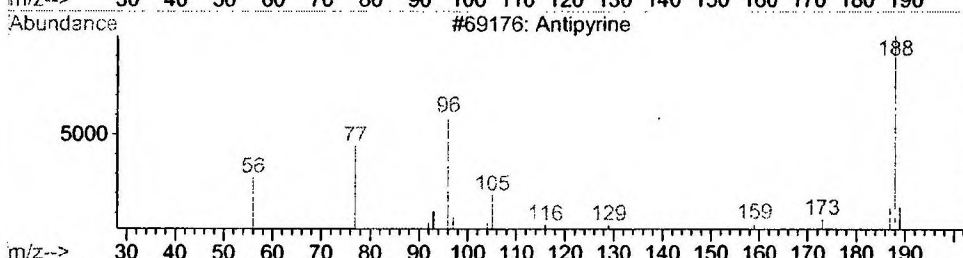
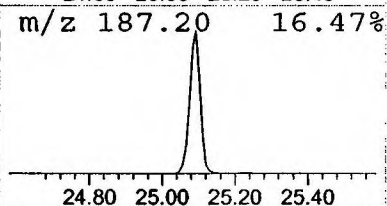
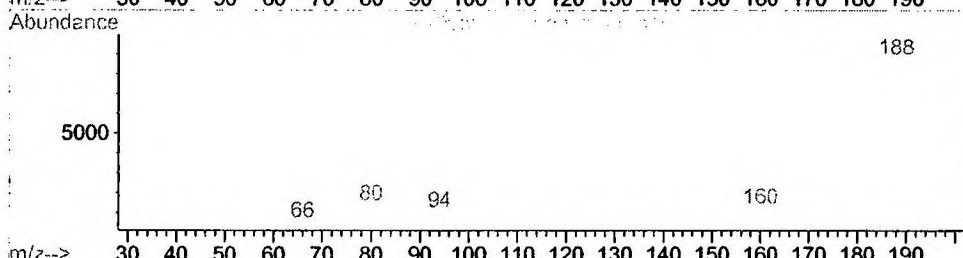
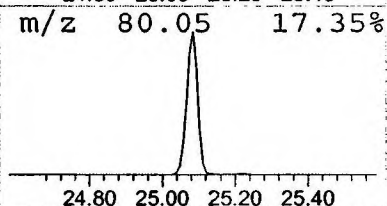
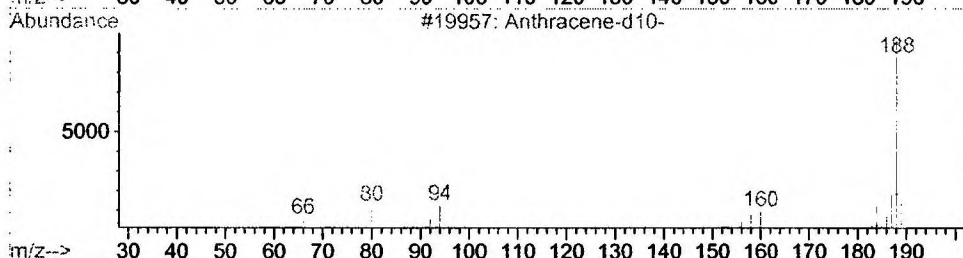
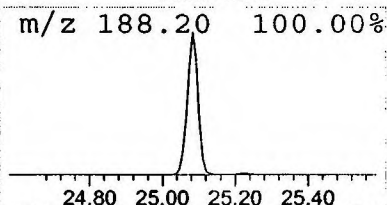
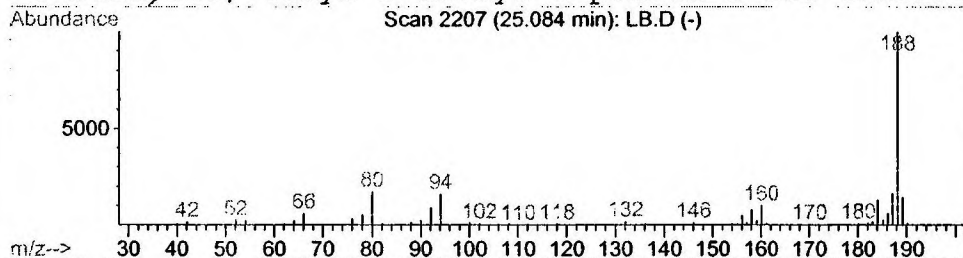
Vial: 10  
 Operator: GALOS  
 Inst : GC/MS Ins  
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)  
 Title : 208 625/TCLP calibration table  
 Library : C:\DATABASE\NBS75K.L

\*\*\*\*\*  
 Peak Number 10 Anthracene-d10- Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 25.08 | 20.00 ng/uL | 4963960 | Phenanthrene-d10 | 25.22 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Anthracene-d10-                     | 188 | C14D10    | 001719-06-8 | 96   |
| 2    |    |   | Phenanthrene-d10                    | 188 | C14D10    | 001517-22-2 | 52   |
| 3    |    |   | Antipyrine                          | 188 | C11H12N2O | 000060-80-0 | 36   |
| 4    |    |   | Selenide, ethyl 1-methyl-1-penten-3 | 188 | C8H12Se   | 025128-48-7 | 33   |



## Tentatively Identified Compound (LSC) summary

Operator ID: GALOS      Date Acquired: 22 Dec 2001      2:07 am  
 Data File: C:\HPCHEM\1\DATA\DEC2101\LB.D  
 Name: gcms unknown 11/23  
 Misc:  
 Method: C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)  
 Title: 208 625/TCLP calibration table  
 Library Searched: C:\DATABASE\NBS75K.L

| TIC Top Hit name     | RT    | EstConc | Units | Area    | IntStd | ISRT  | ISArea  | ISConc |
|----------------------|-------|---------|-------|---------|--------|-------|---------|--------|
| 1-Propene, 2-fluoro- | 5.14  | 0.5     | ng/uL | 98014   | ISTD01 | 11.80 | 4319370 | 20.0   |
| 3-Hexanone           | 6.40  | 0.7     | ng/uL | 144116  | ISTD01 | 11.80 | 4319370 | 20.0   |
| 2-Hexanone           | 6.50  | 1.1     | ng/uL | 242562  | ISTD01 | 11.80 | 4319370 | 20.0   |
| 3-Hexanol            | 6.63  | 0.5     | ng/uL | 107868  | ISTD01 | 11.80 | 4319370 | 20.0   |
| 2-Hexanol            | 6.74  | 0.8     | ng/uL | 163024  | ISTD01 | 11.80 | 4319370 | 20.0   |
| 2-Pentanone, 4-hydro | 7.77  | 2.1     | ng/uL | 448535  | ISTD01 | 11.80 | 4319370 | 20.0   |
| 1-Butanol, 2,2-dimet | 10.24 | 0.4     | ng/uL | 95992   | ISTD01 | 11.80 | 4319370 | 20.0   |
| 2-Pentanol, 4-methyl | 10.45 | 0.5     | ng/uL | 116114  | ISTD01 | 11.80 | 4319370 | 20.0   |
| 3-Methyl-1-[(1H)-1,2 | 10.77 | 0.6     | ng/uL | 120862  | ISTD01 | 11.80 | 4319370 | 20.0   |
| Anthracene-d10-      | 25.08 | 20.0    | ng/uL | 4963960 | ISTD04 | 25.22 | 4963960 | 20.0   |

LB.D NP112701.M      Fri Dec 28 11:47:01 2001