

User: Vinci, David L  
Westchester Dept. of Labs & Research  
Date: 04/19/2002 Time: 15:29:33

Sample: AE08253  
Analysis: \$GCMS GCMS Scan For Unknowns  
Units: ug  
Started: 4/19/02 15:28 Ended: 4/19/02 15:28 Analyst: DLV  
Page: 1

|   | Component Name          | Viol | Result | Qualifier | MDL  |
|---|-------------------------|------|--------|-----------|------|
| 1 | Other unknown compounds |      | .      |           |      |
| 2 | Surr_2,4-DDD            |      | 92     |           | 10.0 |

**Comments for Sample AE08253 - Analysis \$GCMS**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-19-2002 Time: 15:29:59

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 4 of the 43 compounds in the LCS Standard were high.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020417\08253.D Vial: 11  
 Acq On : 17 Apr 2002 5:42 pm Operator: Nefliu  
 Sample : sample Inst : Instrumen  
 Misc : Multiplr: 1.00  
 MS Integration Params: EVENTS.E  
 Quant Time: Apr 18 09:14:10 2002 Quant Results File: 041702SCAN.RE

Quant Method : C:\MSDCHEM\1\METHODS\041702SCAN.M (Chemstation Integrator)  
 Title : 508 Modified GC/MS scan  
 Last Update : Wed Apr 17 08:01:11 2002  
 Response via : Initial Calibration  
 DataAcq Meth : 508SCAN

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|--------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 9.99  | 152  | 7333897  | 40.00 | ug/L   | -0.02     |
| 10) Napthalene-d8           | 13.49 | 136  | 28137146 | 40.00 | ug/L   | -0.03     |
| 17) Acenapthalene-d10       | 18.63 | 164  | 15082657 | 40.00 | ug/L   | -0.02     |
| 29) Phenanthranene-d10      | 23.02 | 188  | 22887924 | 40.00 | ug/L   | -0.02     |
| 37) Chrysene-d12            | 30.88 | 240  | 16625172 | 40.00 | ug/L   | -0.05     |
| 43) Perylene-d12            | 0.00  | 264  | 0m       | 40.00 | ug/L   | -34.81    |
| System Monitoring Compounds |       |      |          |       |        |           |
| 27) TCMX                    | 20.60 | 207  | 618570   | 7.40  | ug/L   | 0.00      |
| Spiked Amount. 8.000        |       |      | Recovery | =     | 92.50% |           |
| Target Compounds            |       |      |          |       |        |           |
| 35) Di-n-butylphthalate     | 25.16 | 149  | 226246   | 0.32  | ug/L   | Qvalue 97 |

## Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020417\08253.D

Vial: 11

Acq On : 17 Apr 2002 5:42 pm

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: EVENTS.E

Quant Time: Apr 18 9:15 2002

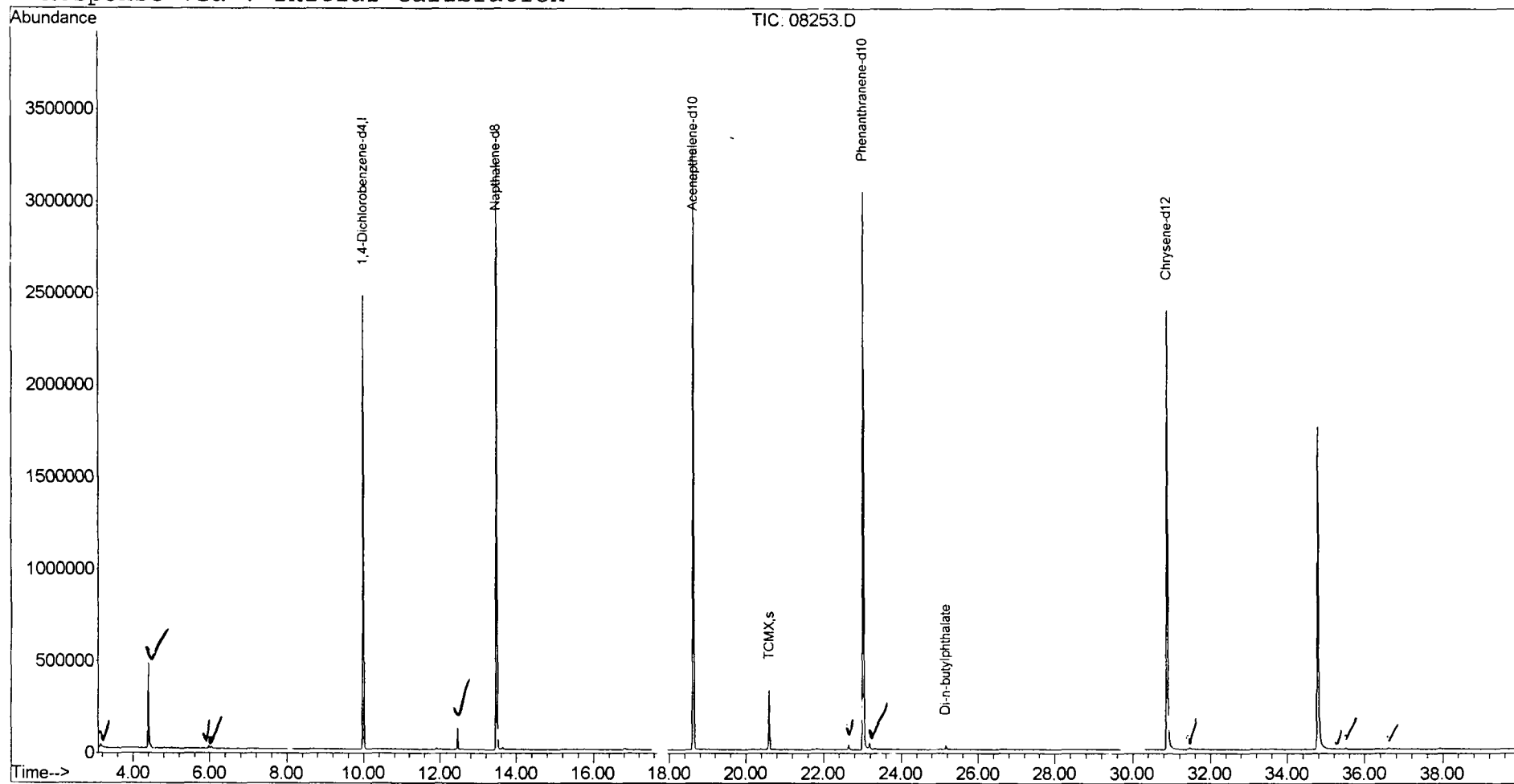
Quant Results File: 041702SCAN.RES

Method : C:\MSDCHEM\1\METHODS\041702SCAN.M (Chemstation Integrator)

Title : 508 Modified GC/MS scan

Last Update : Thu Apr 18 09:38:13 2002

Response via : Initial Calibration



## LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020417\08253.D  
 Acq On : 17 Apr 2002 5:42 pm  
 Sample : sample  
 Misc :  
 MS Integration Params: LSCINT.e

Vial: 11  
 Operator: Nefliu  
 Inst : Instrumen  
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\041702SCAN.M (Chemstation Integrator)  
 Title : 508 Modified GC/MS scan

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 3.156       | 4             | 13          | 24           | BV 5     | 18144          | 327364        | 0.51%           | 0.093%        |
| 2         | 3.596       | 84            | 88          | 92           | PV 5     | 3627           | 50528         | 0.08%           | 0.014%        |
| 3         | 3.696       | 102           | 105         | 107          | PV 3     | 2602           | 21189         | 0.03%           | 0.006%        |
| 4         | 3.720       | 107           | 109         | 115          | VV 5     | 2582           | 61775         | 0.10%           | 0.017%        |
| 5         | 3.767       | 115           | 117         | 119          | VV 2     | 2908           | 29166         | 0.05%           | 0.008%        |
| 6         | 3.784       | 119           | 120         | 123          | VV 3     | 2849           | 35189         | 0.06%           | 0.010%        |
| 7         | 3.808       | 123           | 124         | 128          | VV 3     | 3072           | 39868         | 0.06%           | 0.011%        |
| 8         | 3.843       | 128           | 130         | 140          | VV 4     | 3088           | 86611         | 0.14%           | 0.025%        |
| 9         | 4.207       | 184           | 192         | 205          | VV 4     | 4407           | 150389        | 0.24%           | 0.043%        |
| 10        | 4.319       | 205           | 211         | 216          | VV 3     | 4711           | 91973         | 0.14%           | 0.026%        |
| 11        | 4.401       | 216           | 225         | 243          | VV       | 462477         | 7620806       | 11.97%          | 2.157%        |
| 12        | 4.624       | 259           | 263         | 268          | VV 6     | 3465           | 64589         | 0.10%           | 0.018%        |
| 13        | 4.801       | 288           | 293         | 296          | VV 3     | 4261           | 69320         | 0.11%           | 0.020%        |
| 14        | 4.830       | 296           | 298         | 304          | VV 4     | 4209           | 91632         | 0.14%           | 0.026%        |
| 15        | 4.895       | 304           | 309         | 311          | VV 4     | 4995           | 84273         | 0.13%           | 0.024%        |
| 16        | 4.918       | 311           | 313         | 319          | VV 5     | 3770           | 65529         | 0.10%           | 0.019%        |
| 17        | 4.995       | 322           | 326         | 331          | VV 6     | 6961           | 124624        | 0.20%           | 0.035%        |
| 18        | 5.065       | 331           | 338         | 350          | VV 6     | 4396           | 121550        | 0.19%           | 0.034%        |
| 19        | 5.159       | 350           | 354         | 364          | VV 3     | 5783           | 140903        | 0.22%           | 0.040%        |
| 20        | 5.424       | 392           | 399         | 403          | VV 6     | 3429           | 61556         | 0.10%           | 0.017%        |
| 21        | 5.471       | 403           | 407         | 414          | VV 5     | 2501           | 54924         | 0.09%           | 0.016%        |
| 22        | 5.682       | 441           | 443         | 451          | VV 5     | 2841           | 63157         | 0.10%           | 0.018%        |
| 23        | 5.976       | 479           | 493         | 499          | VV 2     | 15588          | 325050        | 0.51%           | 0.092%        |
| 24        | 6.040       | 499           | 504         | 515          | VV 3     | 10556          | 280132        | 0.44%           | 0.079%        |
| 25        | 6.558       | 588           | 592         | 593          | PV       | 1679           | 13496         | 0.02%           | 0.004%        |
| 26        | 6.710       | 614           | 618         | 623          | VV 3     | 3052           | 56472         | 0.09%           | 0.016%        |
| 27        | 7.239       | 699           | 708         | 713          | VV 5     | 2048           | 61652         | 0.10%           | 0.017%        |
| 28        | 7.697       | 783           | 786         | 790          | PV 2     | 1744           | 18420         | 0.03%           | 0.005%        |
| 29        | 8.156       | 859           | 864         | 870          | VV 7     | 3016           | 65552         | 0.10%           | 0.019%        |
| 30        | 8.426       | 908           | 910         | 912          | VV       | 2486           | 20772         | 0.03%           | 0.006%        |
| 31        | 9.014       | 1007          | 1010        | 1015         | VV 4     | 1907           | 32468         | 0.05%           | 0.009%        |
| 32        | 9.296       | 1053          | 1058        | 1064         | PV 4     | 1981           | 46409         | 0.07%           | 0.013%        |
| 33        | 9.642       | 1111          | 1117        | 1122         | VV 5     | 3051           | 66566         | 0.10%           | 0.019%        |
| 34        | 9.719       | 1122          | 1130        | 1138         | VV 5     | 3617           | 94437         | 0.15%           | 0.027%        |
| 35        | 9.789       | 1138          | 1142        | 1145         | VV 4     | 1887           | 32550         | 0.05%           | 0.009%        |
| 36        | 9.989       | 1166          | 1176        | 1190         | VV       | 2439040        | 43515109      | 68.34%          | 12.315%       |
| 37        | 10.083      | 1190          | 1192        | 1194         | VV 2     | 2822           | 30492         | 0.05%           | 0.009%        |

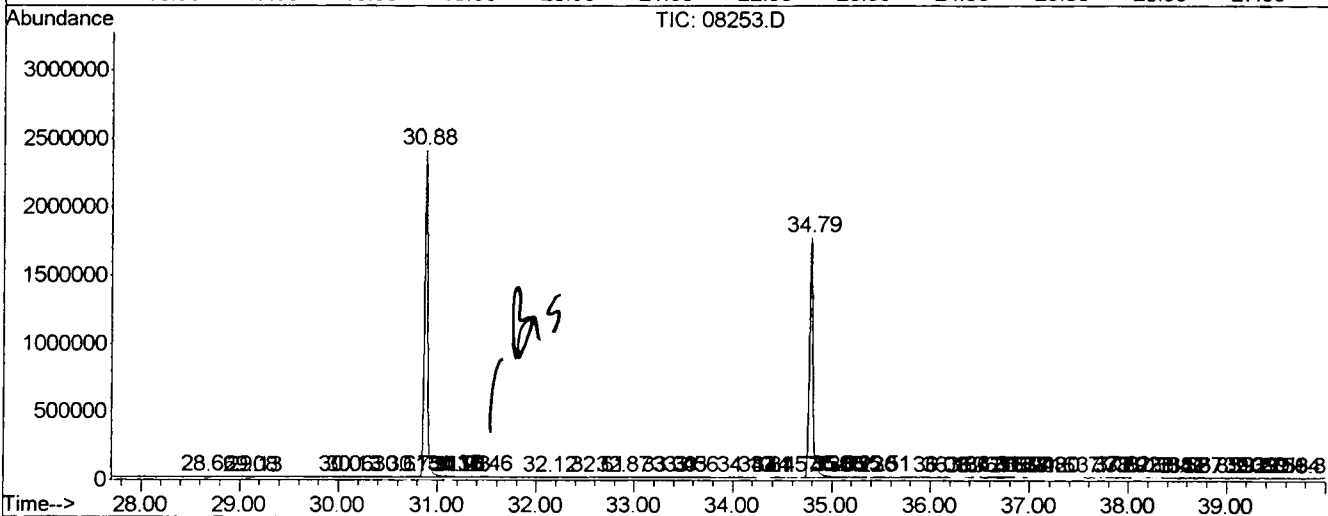
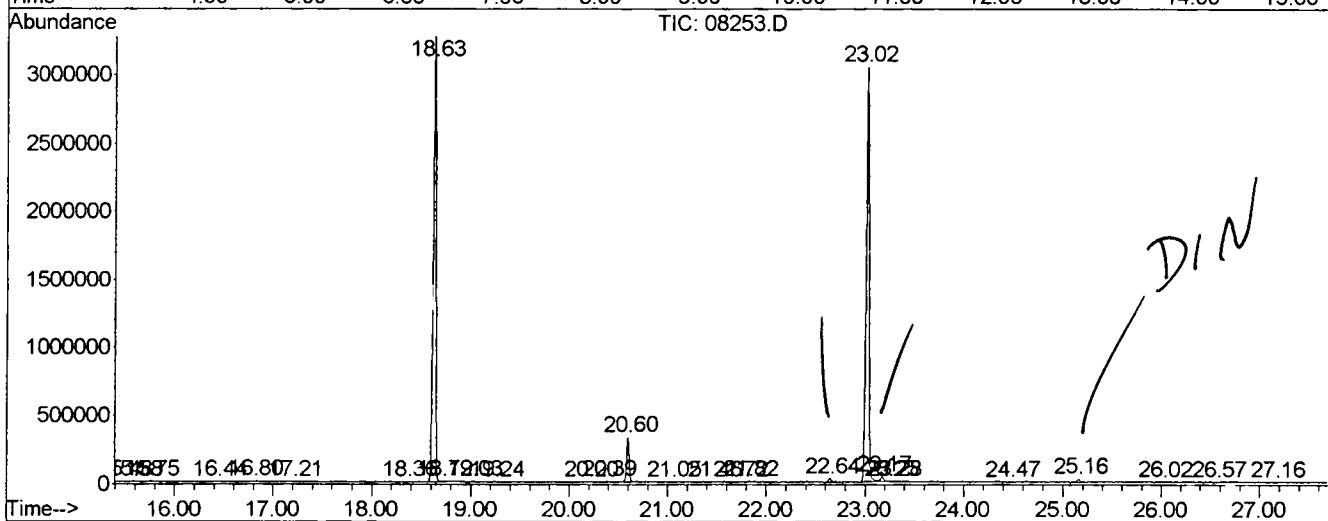
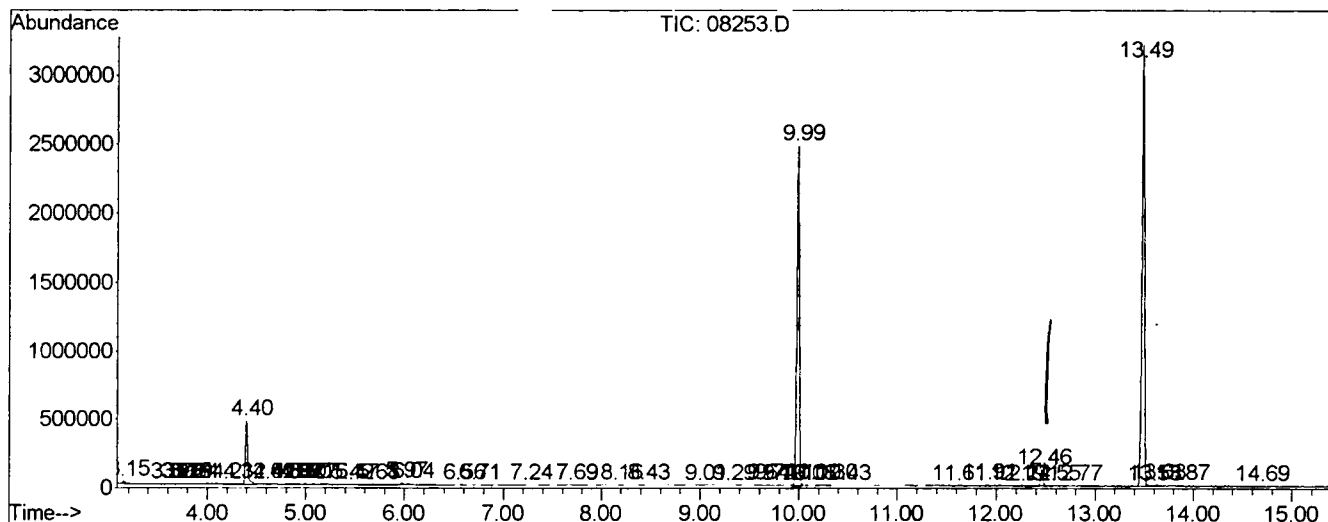
|    |        |      |      |      |    |   |         |          |         |         |
|----|--------|------|------|------|----|---|---------|----------|---------|---------|
| 38 | 10.124 | 1194 | 1199 | 1213 | VV | 6 | 3149    | 119474   | 0.19%   | 0.034%  |
| 39 | 10.294 | 1225 | 1228 | 1238 | VV | 4 | 2996    | 89132    | 0.14%   | 0.025%  |
| 40 | 10.430 | 1238 | 1251 | 1255 | VV | 4 | 2596    | 89280    | 0.14%   | 0.025%  |
| 41 | 11.605 | 1436 | 1451 | 1453 | VV | 2 | 2047    | 65365    | 0.10%   | 0.018%  |
| 42 | 11.910 | 1498 | 1503 | 1510 | VV | 3 | 9117    | 155212   | 0.24%   | 0.044%  |
| 43 | 12.192 | 1548 | 1551 | 1553 | PV |   | 1710    | 14187    | 0.02%   | 0.004%  |
| 44 | 12.245 | 1558 | 1560 | 1569 | VV | 2 | 1873    | 42570    | 0.07%   | 0.012%  |
| 45 | 12.457 | 1590 | 1596 | 1604 | PV |   | 115374  | 1827999  | 2.87%   | 0.517%  |
| 46 | 12.551 | 1607 | 1612 | 1617 | VV | 5 | 2488    | 60692    | 0.10%   | 0.017%  |
| 47 | 12.774 | 1642 | 1650 | 1657 | VV | 2 | 1995    | 49546    | 0.08%   | 0.014%  |
| 48 | 13.485 | 1760 | 1771 | 1786 | VV |   | 3148407 | 58049649 | 91.17%  | 16.429% |
| 49 | 13.585 | 1786 | 1788 | 1791 | VV |   | 2609    | 45054    | 0.07%   | 0.013%  |
| 50 | 13.632 | 1791 | 1796 | 1805 | VV | 2 | 10572   | 228953   | 0.36%   | 0.065%  |
| 51 | 13.873 | 1834 | 1837 | 1847 | VV | 5 | 4344    | 94232    | 0.15%   | 0.027%  |
| 52 | 14.683 | 1967 | 1975 | 1977 | VV |   | 1764    | 34055    | 0.05%   | 0.010%  |
| 53 | 15.483 | 2108 | 2111 | 2115 | VV |   | 2041    | 21361    | 0.03%   | 0.006%  |
| 54 | 15.582 | 2124 | 2128 | 2133 | VV | 3 | 2303    | 49193    | 0.08%   | 0.014%  |
| 55 | 15.753 | 2152 | 2157 | 2165 | VV | 3 | 3652    | 96150    | 0.15%   | 0.027%  |
| 56 | 16.440 | 2270 | 2274 | 2279 | VV | 3 | 2623    | 51612    | 0.08%   | 0.015%  |
| 57 | 16.805 | 2332 | 2336 | 2347 | VV | 5 | 5734    | 163293   | 0.26%   | 0.046%  |
| 58 | 17.204 | 2394 | 2404 | 2412 | VV | 4 | 2434    | 84872    | 0.13%   | 0.024%  |
| 59 | 18.362 | 2597 | 2601 | 2604 | PV | 2 | 1722    | 20638    | 0.03%   | 0.006%  |
| 60 | 18.632 | 2632 | 2647 | 2660 | PV |   | 3248087 | 63670990 | 100.00% | 18.020% |
| 61 | 18.714 | 2660 | 2661 | 2670 | VV | 3 | 4031    | 106758   | 0.17%   | 0.030%  |
| 62 | 19.025 | 2708 | 2714 | 2719 | VV | 5 | 3787    | 82304    | 0.13%   | 0.023%  |
| 63 | 19.243 | 2747 | 2751 | 2754 | PV | 3 | 2071    | 24464    | 0.04%   | 0.007%  |
| 64 | 20.201 | 2910 | 2914 | 2924 | VV | 6 | 3078    | 71609    | 0.11%   | 0.020%  |
| 65 | 20.389 | 2940 | 2946 | 2949 | PV | 4 | 4390    | 73021    | 0.11%   | 0.021%  |
| 66 | 20.600 | 2971 | 2982 | 2994 | VV |   | 323956  | 5772493  | 9.07%   | 1.634%  |
| 67 | 21.047 | 3055 | 3058 | 3069 | VV |   | 2057    | 47542    | 0.07%   | 0.013%  |
| 68 | 21.458 | 3121 | 3128 | 3136 | VV | 4 | 2090    | 53012    | 0.08%   | 0.015%  |
| 69 | 21.717 | 3166 | 3172 | 3174 | VV | 3 | 1741    | 25399    | 0.04%   | 0.007%  |
| 70 | 21.822 | 3184 | 3190 | 3195 | VV | 3 | 6772    | 130891   | 0.21%   | 0.037%  |
| 71 | 22.645 | 3323 | 3330 | 3344 | PV | 2 | 25307   | 487886   | 0.77%   | 0.138%  |
| 72 | 23.021 | 3382 | 3394 | 3414 | PV | 2 | 3001866 | 63101767 | 99.11%  | 17.859% |
| 73 | 23.174 | 3414 | 3420 | 3431 | VV | 2 | 35560   | 838849   | 1.32%   | 0.237%  |
| 74 | 23.250 | 3431 | 3433 | 3435 | VV | 2 | 3041    | 31486    | 0.05%   | 0.009%  |
| 75 | 23.279 | 3435 | 3438 | 3441 | VV | 3 | 1912    | 27245    | 0.04%   | 0.008%  |
| 76 | 24.472 | 3636 | 3641 | 3650 | PV | 3 | 2050    | 57034    | 0.09%   | 0.016%  |
| 77 | 25.160 | 3744 | 3758 | 3772 | VV | 2 | 21454   | 495397   | 0.78%   | 0.140%  |
| 78 | 26.023 | 3902 | 3905 | 3907 | VV | 2 | 1973    | 20028    | 0.03%   | 0.006%  |
| 79 | 26.570 | 3992 | 3998 | 4003 | PV | 2 | 2060    | 48622    | 0.08%   | 0.014%  |
| 80 | 27.163 | 4096 | 4099 | 4102 | VV |   | 1881    | 29187    | 0.05%   | 0.008%  |
| 81 | 28.656 | 4350 | 4353 | 4363 | VV | 2 | 2840    | 73001    | 0.11%   | 0.021%  |
| 82 | 29.079 | 4423 | 4425 | 4432 | PV | 5 | 1726    | 39152    | 0.06%   | 0.011%  |
| 83 | 29.131 | 4432 | 4434 | 4438 | VV | 3 | 1903    | 26516    | 0.04%   | 0.008%  |
| 84 | 30.060 | 4582 | 4592 | 4597 | VV | 3 | 5034    | 137734   | 0.22%   | 0.039%  |
| 85 | 30.130 | 4602 | 4604 | 4608 | VV |   | 2520    | 37537    | 0.06%   | 0.011%  |
| 86 | 30.606 | 4680 | 4685 | 4687 | VV |   | 2354    | 36378    | 0.06%   | 0.010%  |
| 87 | 30.747 | 4706 | 4709 | 4713 | VV | 2 | 1898    | 28186    | 0.04%   | 0.008%  |

|     |        |      |      |      |    |   |         |          |        |         |
|-----|--------|------|------|------|----|---|---------|----------|--------|---------|
| 88  | 30.882 | 4717 | 4732 | 4773 | VV | 2 | 2354703 | 54366197 | 85.39% | 15.386% |
| 89  | 31.153 | 4773 | 4778 | 4781 | VV | 4 | 6735    | 153346   | 0.24%  | 0.043%  |
| 90  | 31.182 | 4781 | 4783 | 4785 | VV |   | 4754    | 58623    | 0.09%  | 0.017%  |
| 91  | 31.206 | 4785 | 4787 | 4789 | VV |   | 4386    | 52677    | 0.08%  | 0.015%  |
| 92  | 31.229 | 4789 | 4791 | 4794 | VV | 2 | 4175    | 53539    | 0.08%  | 0.015%  |
| 93  | 31.458 | 4823 | 4830 | 4848 | VV | 5 | 9563    | 443654   | 0.70%  | 0.126%  |
| 94  | 32.122 | 4939 | 4943 | 4951 | VV | 2 | 3081    | 72473    | 0.11%  | 0.021%  |
| 95  | 32.610 | 5018 | 5026 | 5029 | VV |   | 2142    | 52126    | 0.08%  | 0.015%  |
| 96  | 32.874 | 5061 | 5071 | 5075 | VV | 2 | 2284    | 63103    | 0.10%  | 0.018%  |
| 97  | 33.333 | 5140 | 5149 | 5154 | VV | 6 | 3473    | 92407    | 0.15%  | 0.026%  |
| 98  | 33.432 | 5162 | 5166 | 5171 | VV | 4 | 2268    | 42543    | 0.07%  | 0.012%  |
| 99  | 33.556 | 5185 | 5187 | 5191 | VV | 3 | 2625    | 39477    | 0.06%  | 0.011%  |
| 100 | 34.096 | 5277 | 5279 | 5283 | VV | 2 | 1764    | 22875    | 0.04%  | 0.006%  |
| 101 | 34.314 | 5314 | 5316 | 5318 | VV |   | 1871    | 18663    | 0.03%  | 0.005%  |
| 102 | 34.449 | 5333 | 5339 | 5345 | VV | 4 | 4695    | 124633   | 0.20%  | 0.035%  |
| 103 | 34.572 | 5356 | 5360 | 5363 | VV |   | 2048    | 36036    | 0.06%  | 0.010%  |
| 104 | 34.790 | 5380 | 5397 | 5435 | VV | 2 | 1750626 | 43676422 | 68.60% | 12.361% |
| 105 | 35.025 | 5435 | 5437 | 5439 | VV | 3 | 6998    | 87402    | 0.14%  | 0.025%  |
| 106 | 35.048 | 5439 | 5441 | 5443 | VV | 2 | 6171    | 68078    | 0.11%  | 0.019%  |
| 107 | 35.072 | 5443 | 5445 | 5460 | VV | 5 | 5387    | 264812   | 0.42%  | 0.075%  |
| 108 | 35.219 | 5466 | 5470 | 5479 | VV | 5 | 3850    | 130135   | 0.20%  | 0.037%  |
| 109 | 35.354 | 5492 | 5493 | 5504 | VV | 6 | 3624    | 105328   | 0.17%  | 0.030%  |
| 110 | 35.512 | 5508 | 5520 | 5526 | VV | 5 | 7672    | 270391   | 0.42%  | 0.077%  |
| 111 | 36.082 | 5613 | 5617 | 5626 | VV | 3 | 3083    | 108835   | 0.17%  | 0.031%  |
| 112 | 36.182 | 5632 | 5634 | 5638 | VV |   | 3574    | 55000    | 0.09%  | 0.016%  |
| 113 | 36.423 | 5672 | 5675 | 5679 | VV | 3 | 2844    | 51676    | 0.08%  | 0.015%  |
| 114 | 36.605 | 5696 | 5706 | 5716 | VV | 5 | 6789    | 285385   | 0.45%  | 0.081%  |
| 115 | 36.682 | 5716 | 5719 | 5731 | VV | 2 | 3476    | 159483   | 0.25%  | 0.045%  |
| 116 | 36.881 | 5751 | 5753 | 5757 | VV | 3 | 3738    | 54024    | 0.08%  | 0.015%  |
| 117 | 36.946 | 5760 | 5764 | 5766 | VV | 2 | 3276    | 55579    | 0.09%  | 0.016%  |
| 118 | 37.075 | 5784 | 5786 | 5795 | VV | 4 | 3132    | 91632    | 0.14%  | 0.026%  |
| 119 | 37.158 | 5795 | 5800 | 5804 | VV | 5 | 2915    | 77657    | 0.12%  | 0.022%  |
| 120 | 37.205 | 5804 | 5808 | 5812 | VV | 2 | 3444    | 75939    | 0.12%  | 0.021%  |
| 121 | 37.727 | 5892 | 5897 | 5899 | VV | 2 | 2917    | 51989    | 0.08%  | 0.015%  |
| 122 | 37.892 | 5921 | 5925 | 5927 | VV | 3 | 3783    | 49830    | 0.08%  | 0.014%  |
| 123 | 37.921 | 5927 | 5930 | 5939 | VV | 4 | 5708    | 152316   | 0.24%  | 0.043%  |
| 124 | 38.021 | 5945 | 5947 | 5956 | VV | 3 | 2923    | 88744    | 0.14%  | 0.025%  |
| 125 | 38.127 | 5963 | 5965 | 5967 | VV |   | 2883    | 26781    | 0.04%  | 0.008%  |
| 126 | 38.474 | 6018 | 6024 | 6029 | VV | 4 | 2608    | 59455    | 0.09%  | 0.017%  |
| 127 | 38.515 | 6029 | 6031 | 6037 | VV | 4 | 2598    | 61446    | 0.10%  | 0.017%  |
| 128 | 38.668 | 6055 | 6057 | 6061 | VV |   | 3295    | 48159    | 0.08%  | 0.014%  |
| 129 | 38.844 | 6084 | 6087 | 6090 | VV | 2 | 2396    | 31624    | 0.05%  | 0.009%  |
| 130 | 39.226 | 6150 | 6152 | 6158 | VV | 4 | 1872    | 35089    | 0.06%  | 0.010%  |
| 131 | 39.273 | 6158 | 6160 | 6162 | VV | 2 | 2128    | 19621    | 0.03%  | 0.006%  |
| 132 | 39.296 | 6162 | 6164 | 6168 | VV | 3 | 2149    | 32220    | 0.05%  | 0.009%  |
| 133 | 39.508 | 6192 | 6200 | 6202 | VV | 4 | 2963    | 70660    | 0.11%  | 0.020%  |
| 134 | 39.525 | 6202 | 6203 | 6217 | VV | 6 | 3428    | 102957   | 0.16%  | 0.029%  |
| 135 | 39.643 | 6221 | 6223 | 6229 | VV | 2 | 2250    | 38588    | 0.06%  | 0.011%  |
| 136 | 39.831 | 6250 | 6255 | 6257 | PV | 2 | 1232    | 16959    | 0.03%  | 0.005%  |

Sum of corrected areas: 353340081

# LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020417\08253.D  
 Operator : Nefliu  
 Acquired : 17 Apr 2002 5:42 pm using AcqMethod 508SCAN  
 Instrument : Instrumen  
 Sample Name: sample  
 Misc Info :  
 Vial Number: 11  
 Quant File :041702SCAN.RES (Chemstation Integrator)



## Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020417\08253.D  
Acq On : 17 Apr 2002 5:42 pm  
Sample : sample  
Misc :  
MS Integration Params: LSCINT.e

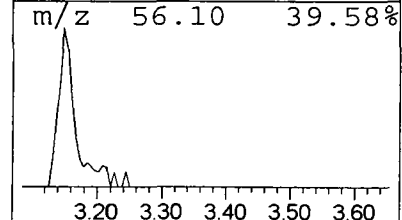
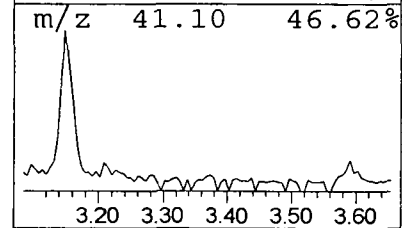
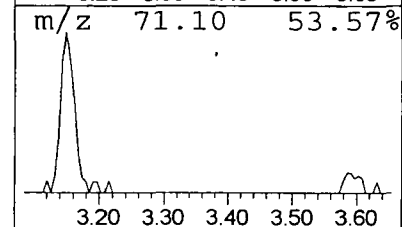
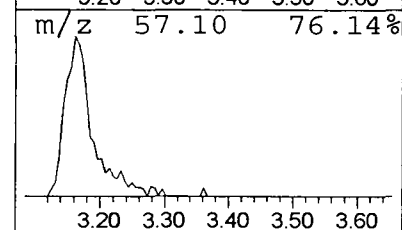
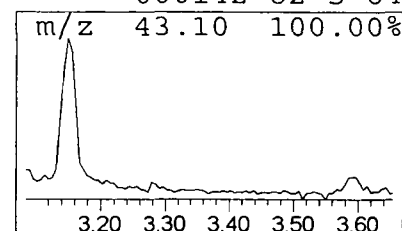
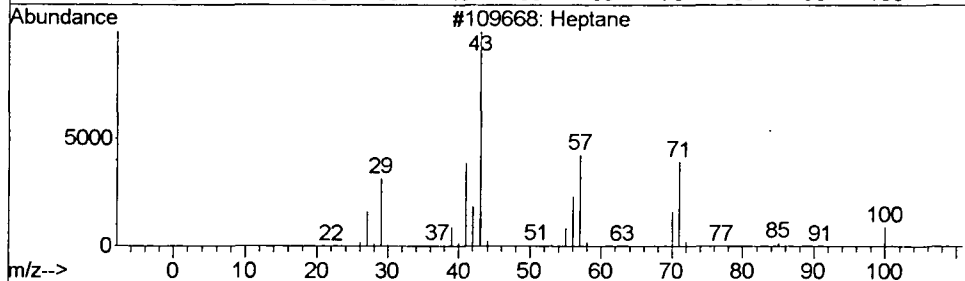
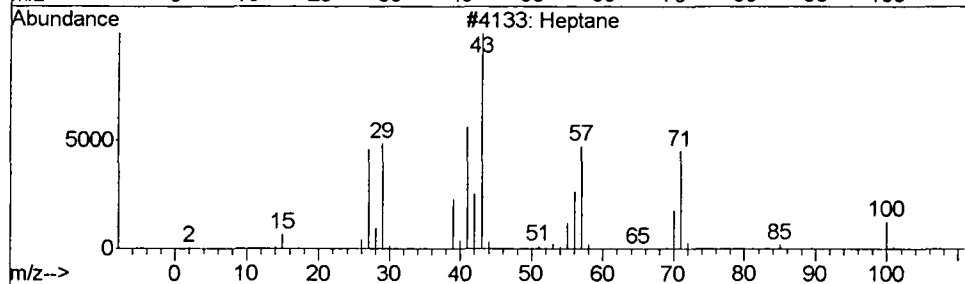
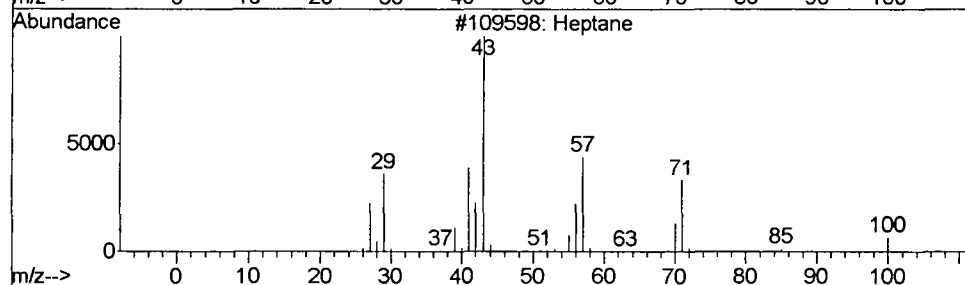
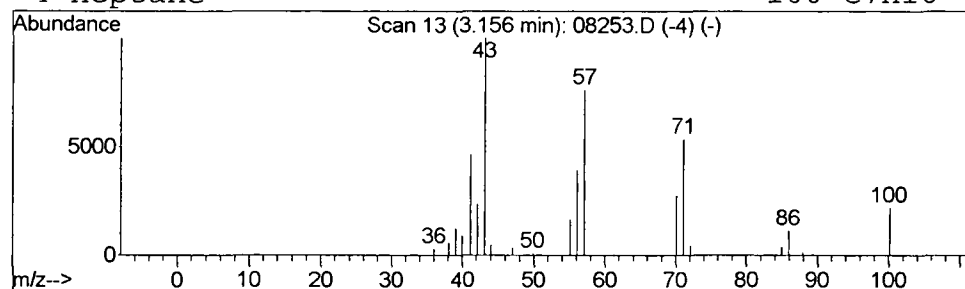
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Operator: Nefliu  
Inst : Instrumen  
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041702SCAN.M (Chemstation Integrator)  
Title : 508 Modified GC/MS scan  
Library : C:\DATABASE\NIST98.L

\*\*\*\*\*  
Peak Number 1 Heptane Concentration Rank 6

| R.T. | EstConc   | Area   | Relative to ISTD       | R.T. |
|------|-----------|--------|------------------------|------|
| 3.15 | 0.30 ug/L | 327364 | 1,4-Dichlorobenzene-d4 | 9.99 |

| Hit# | of      | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|---------|---|--------------|-----|---------|-------------|------|
| 1    | Heptane |   |              | 100 | C7H16   | 000142-82-5 | 72   |
| 2    | Heptane |   |              | 100 | C7H16   | 000142-82-5 | 72   |
| 3    | Heptane |   |              | 100 | C7H16   | 000142-82-5 | 64   |
| 4    | Heptane |   |              | 100 | C7H16   | 000142-82-5 | 64   |



## Library Search Compound Report

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Misc :  
MS Integration Params: LSCINT.e

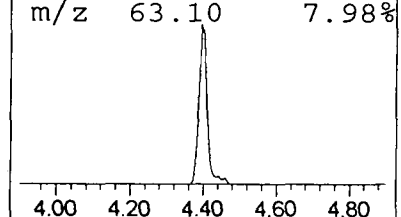
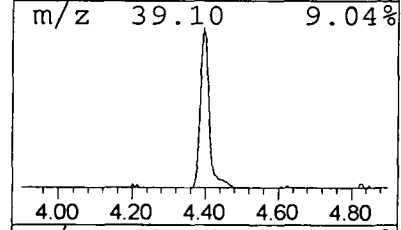
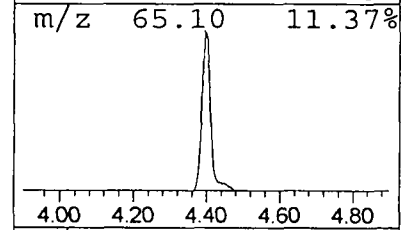
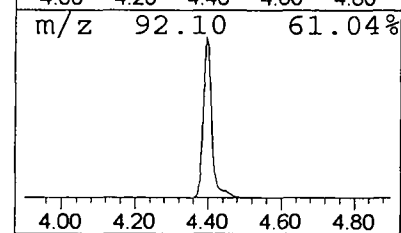
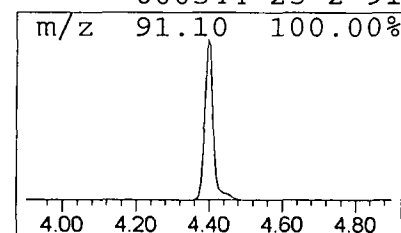
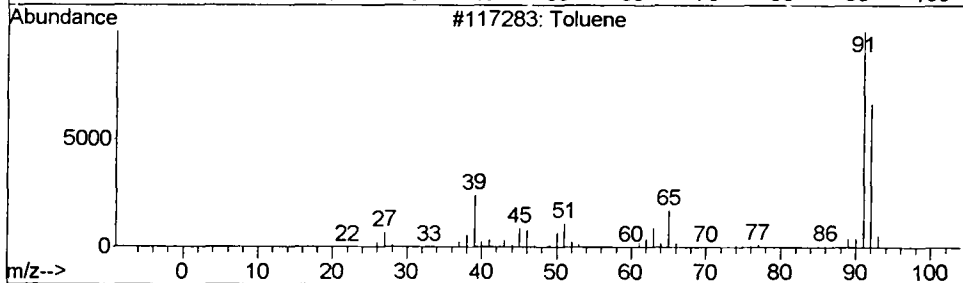
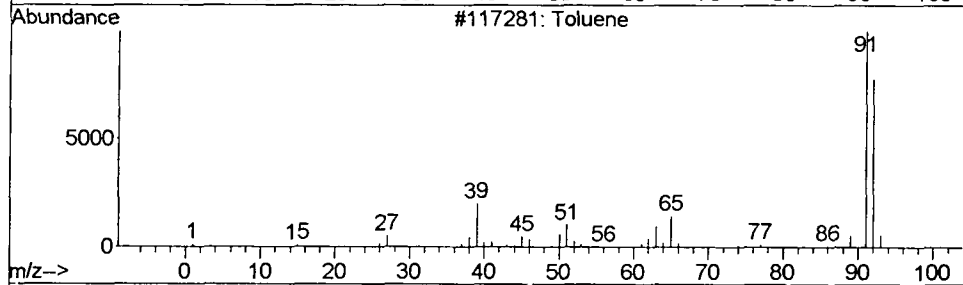
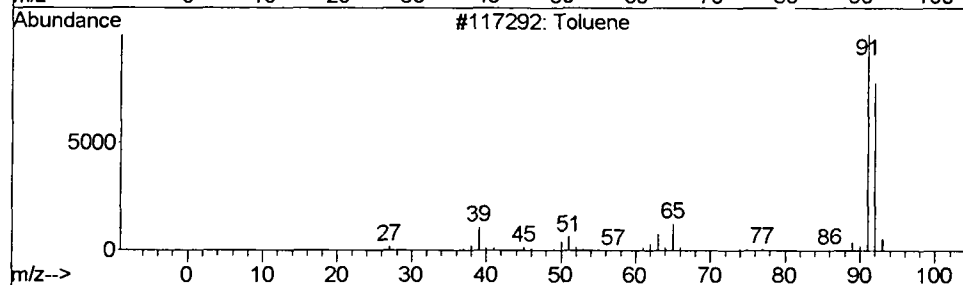
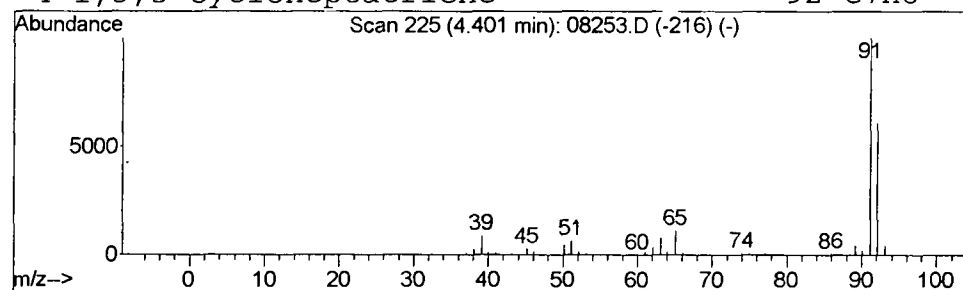
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Operator: Nefliu  
Inst : Instrumen  
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041702SCAN.M (Chemstation Integrator)  
Title : 508 Modified GC/MS scan  
Library : C:\DATABASE\NIST98.L

\*\*\*\*\*  
Peak Number 2 Toluene Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 4.40 | 7.01 ug/L | 7620810 | 1,4-Dichlorobenzene-d4 | 9.99 |

| Hit# | of | Tentative ID           | MW | MolForm | CAS#        | Qual |
|------|----|------------------------|----|---------|-------------|------|
| 1    | 5  | Toluene                | 92 | C7H8    | 000108-88-3 | 95   |
| 2    |    | Toluene                | 92 | C7H8    | 000108-88-3 | 91   |
| 3    |    | Toluene                | 92 | C7H8    | 000108-88-3 | 91   |
| 4    |    | 1,3,5-Cycloheptatriene | 92 | C7H8    | 000544-25-2 | 91   |



# Library Search Compound Report

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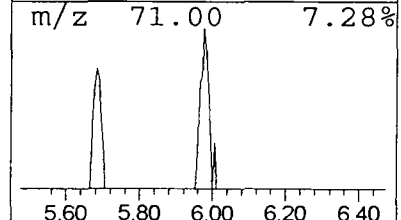
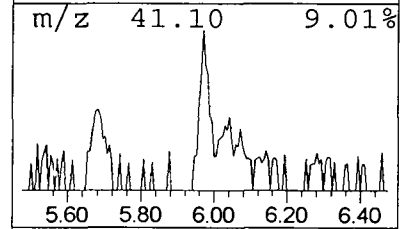
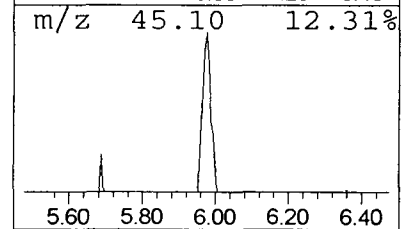
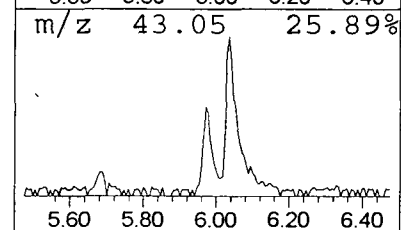
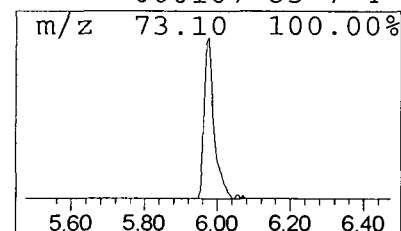
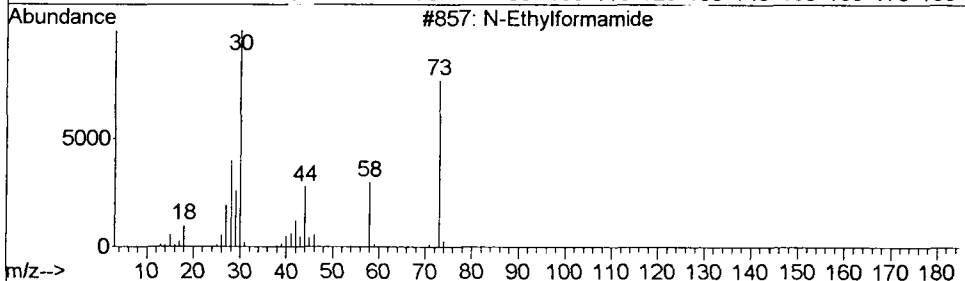
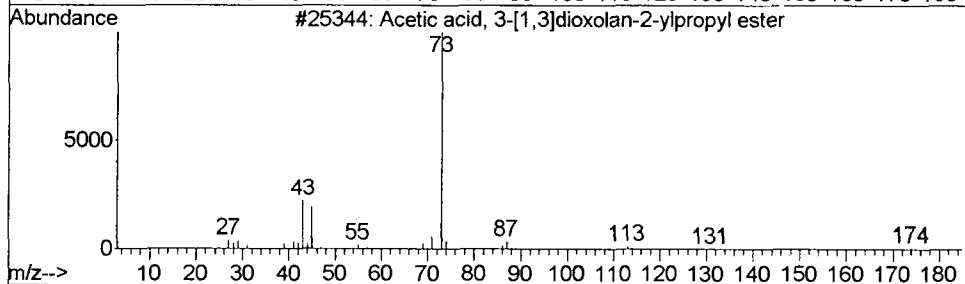
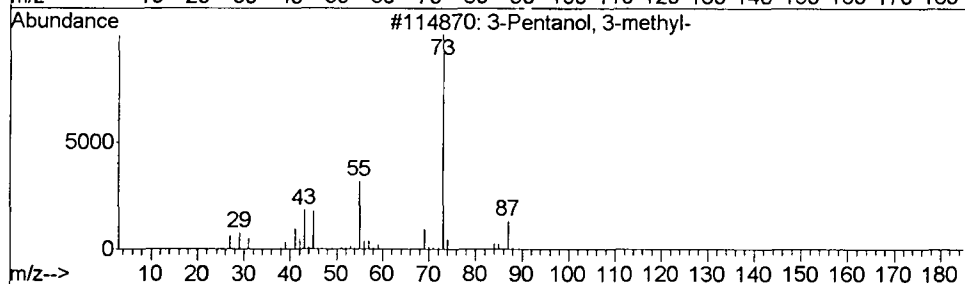
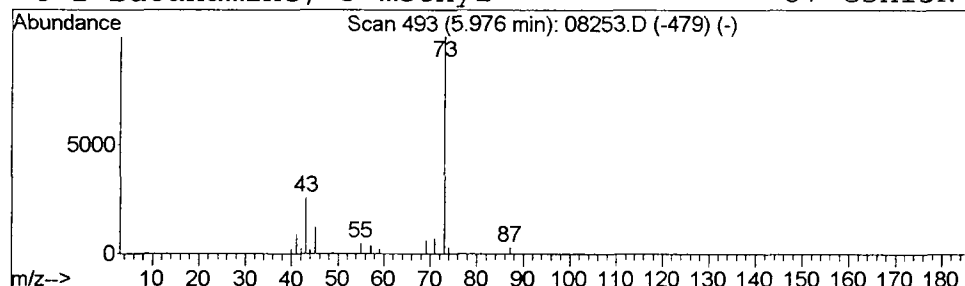
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 Operator: Nefliu  
 Inst : Instrumen  
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041702SCAN.M (Chemstation Integrator)  
 Title : 508 Modified GC/MS scan  
 Library : C:\DATABASE\NIST98.L

\*\*\*\*\*  
 Peak Number 3 3-Pentanol, 3-methyl- Concentration Rank 7

| R.T. | EstConc   | Area   | Relative to ISTD       | R.T. |
|------|-----------|--------|------------------------|------|
| 5.97 | 0.30 ug/L | 325050 | 1,4-Dichlorobenzene-d4 | 9.99 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | 3-Pentanol, 3-methyl-               | 102 | C6H14O  | 000077-74-7  | 9    |
| 2    |    |   | Acetic acid, 3-[1,3]dioxolan-2-y... | 174 | C8H14O4 | 1000186-02-3 | 9    |
| 3    |    |   | N-Ethylformamide                    | 73  | C3H7NO  | 000627-45-2  | 5    |
| 4    |    |   | 1-Butanamine, 3-methyl-             | 87  | C5H13N  | 000107-85-7  | 4    |



## Library Search Compound Report

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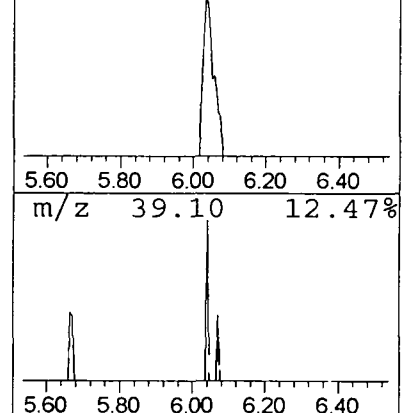
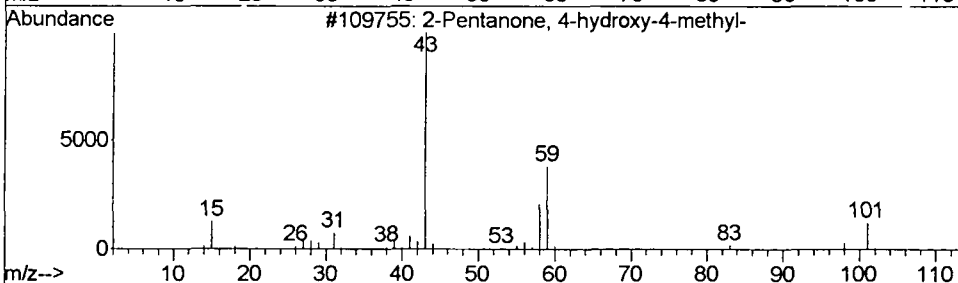
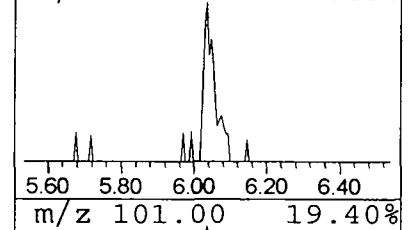
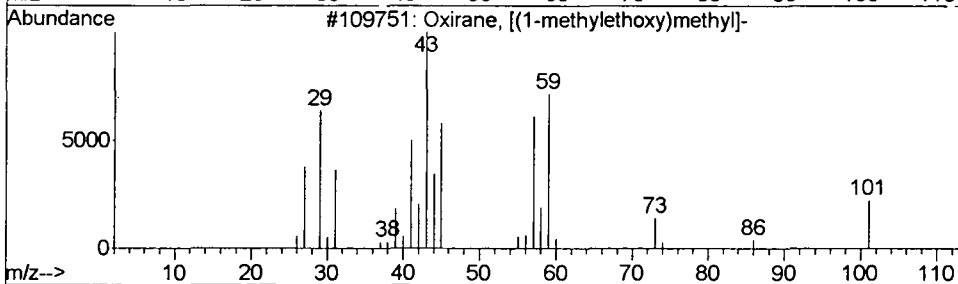
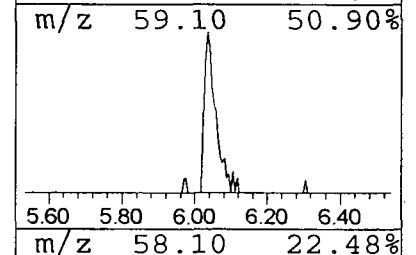
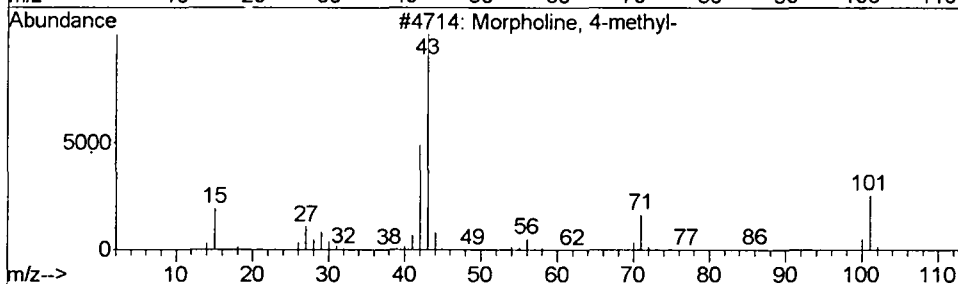
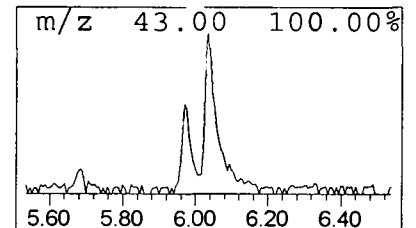
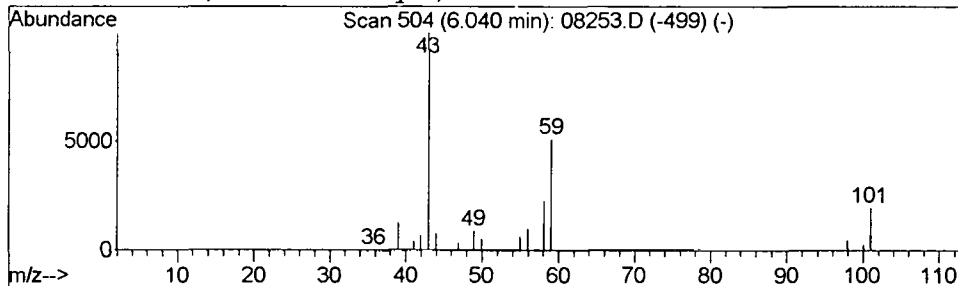
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Quant Method : C:\MSDCHEM\1\METHODS\041702SCAN.M (Chemstation Integrator)  
Title : 508 Modified GC/MS scan  
Library : C:\DATABASE\NIST98.L

\*\*\*\*\*  
Peak Number 4 Morpholine, 4-methyl- Concentration Rank 9

| R.T. | EstConc   | Area   | Relative to ISTD       | R.T. |
|------|-----------|--------|------------------------|------|
| 6.04 | 0.26 ug/L | 280132 | 1,4-Dichlorobenzene-d4 | 9.99 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Morpholine, 4-methyl-              | 101 | C5H11NO | 000109-02-4 | 9    |
| 2    |    |   | Oxirane, [(1-methylethoxy)methyl]- | 116 | C6H12O2 | 004016-14-2 | 9    |
| 3    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-   | 116 | C6H12O2 | 000123-42-2 | 9    |
| 4    |    |   | Ethanol, 1-methoxy-, acetate       | 118 | C5H10O3 | 004382-77-8 | 9    |



# Library Search Compound Report

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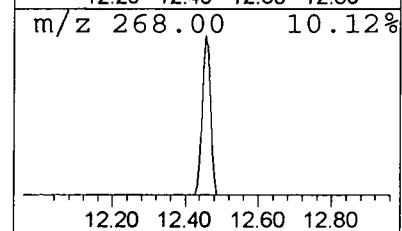
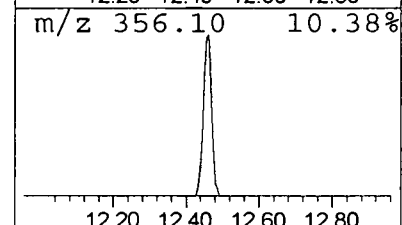
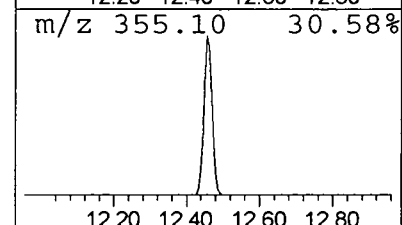
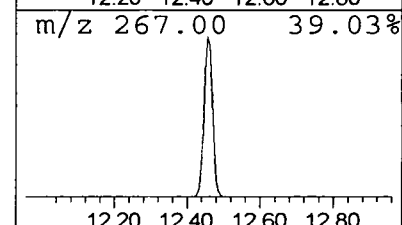
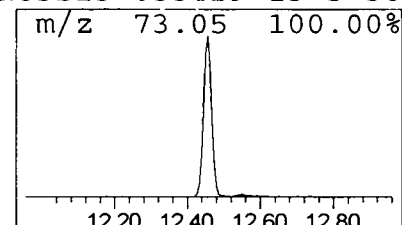
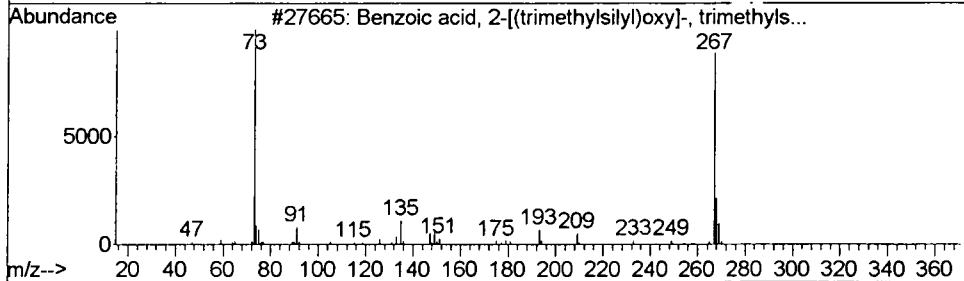
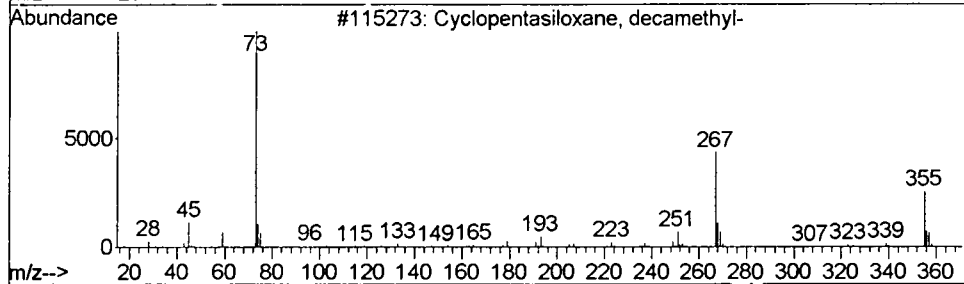
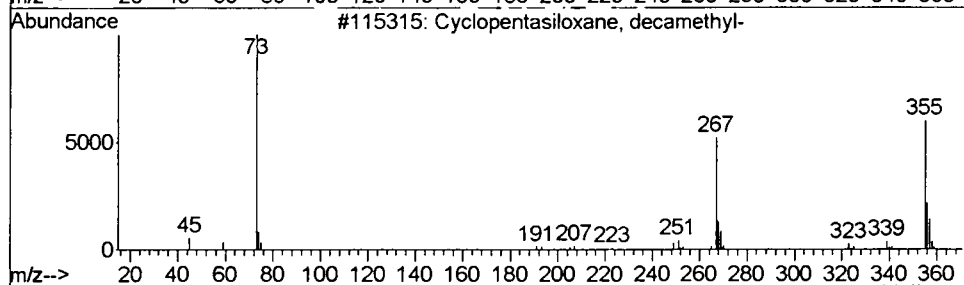
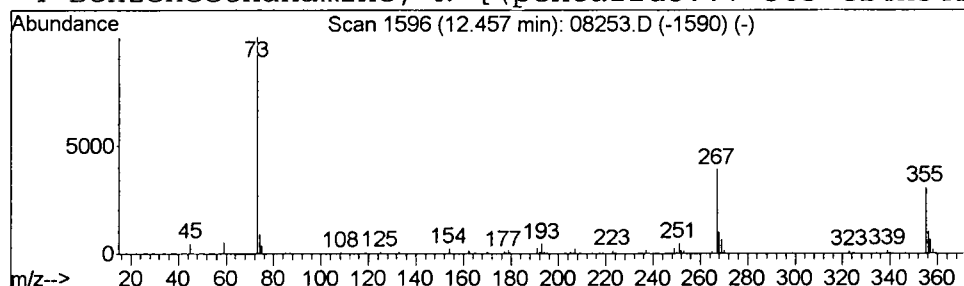
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Quant Method : C:\MSDCHEM\1\METHODS\041702SCAN.M (Chemstation Integrator)  
 Title : 508 Modified GC/MS scan  
 Library : C:\DATABASE\NIST98.L

\*\*\*\*\*  
 Peak Number 5 Cyclopentasiloxane, decamet... Concentration Rank 2

| R.T.  | EstConc   | Area    | Relative to ISTD | R.T.  |
|-------|-----------|---------|------------------|-------|
| 12.46 | 1.26 ug/L | 1828000 | Napthalene-d8    | 13.49 |

| Hit# | of | 5 | Tentative ID                                                 | MW  | MolForm        | CAS#        | Qual |
|------|----|---|--------------------------------------------------------------|-----|----------------|-------------|------|
| 1    |    |   | Cyclopentasiloxane, decamethyl-                              | 370 | C10H30O5Si5    | 000541-02-6 | 91   |
| 2    |    |   | Cyclopentasiloxane, decamethyl-                              | 370 | C10H30O5Si5    | 000541-02-6 | 90   |
| 3    |    |   | Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethyls...        | 282 | C13H22O3Si2    | 003789-85-3 | 47   |
| 4    |    |   | Benzeneethanamine, N-[(pentafluoroethyl)oxy]-, trimethyls... | 563 | C24H34F5NO3Si3 | 055429-13-5 | 38   |



# Library Search Compound Report

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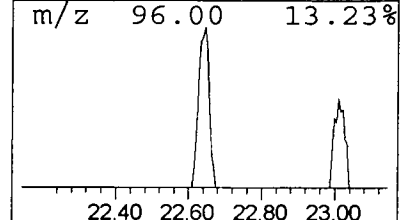
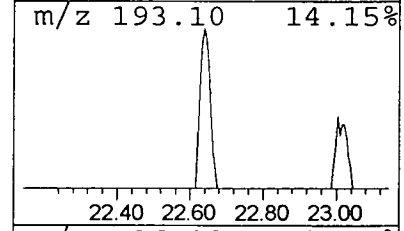
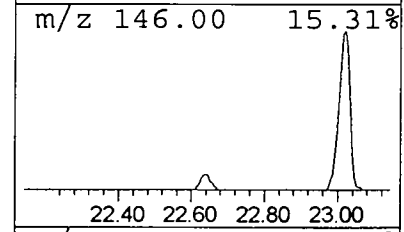
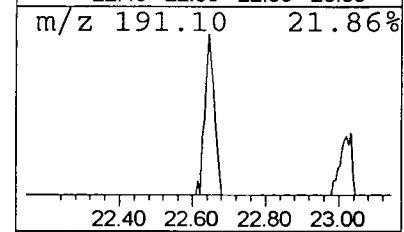
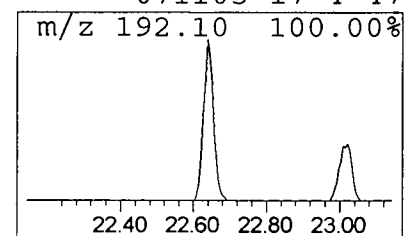
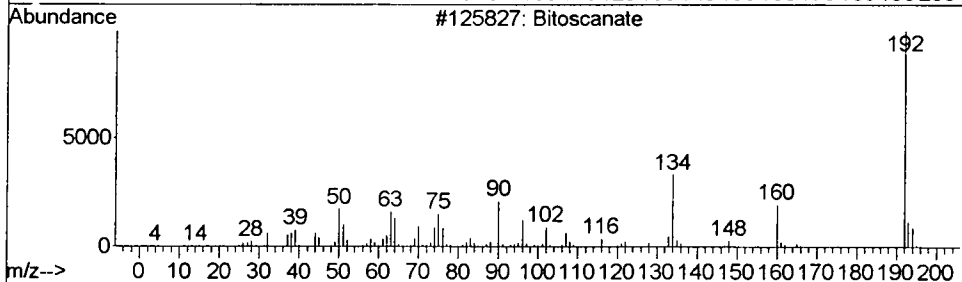
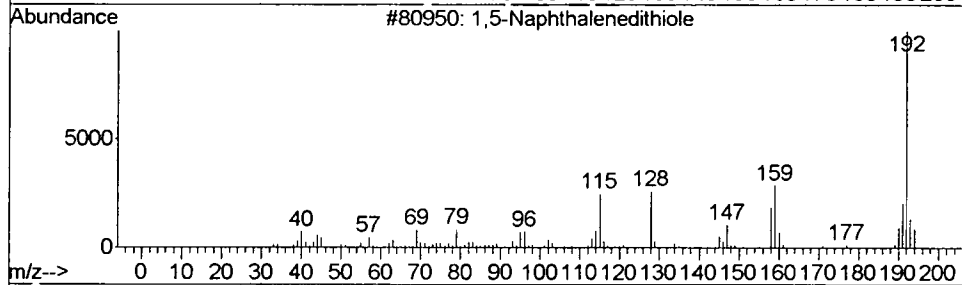
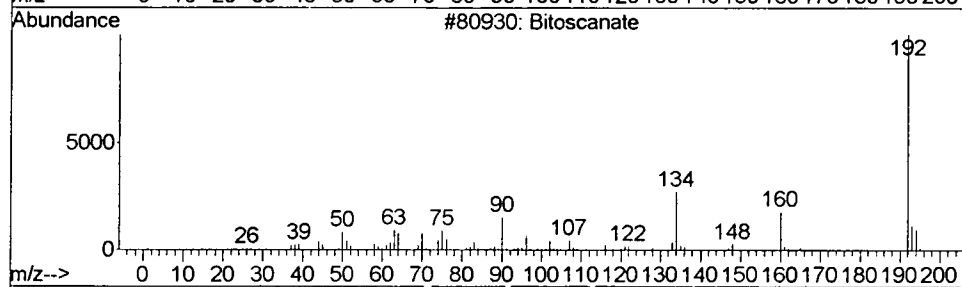
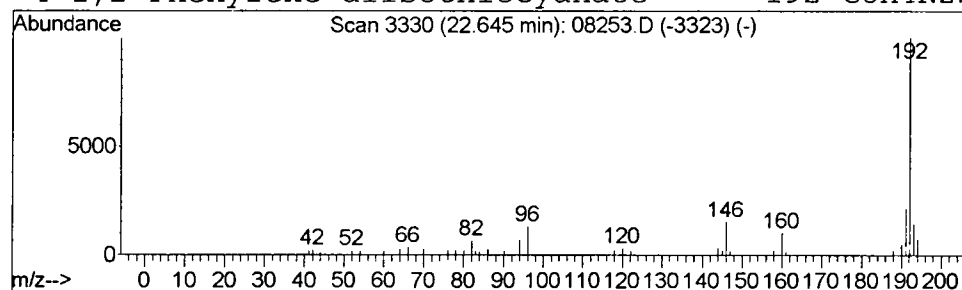
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Quant Method : C:\MSDCHEM\1\METHODS\041702SCAN.M (Chemstation Integrator)  
 Title : 508 Modified GC/MS scan  
 Library : C:\DATABASE\NIST98.L

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 Peak Number 6 Bitoscanate Concentration Rank 5

| R.T.  | EstConc   | Area   | Relative to ISTD   | R.T.  |
|-------|-----------|--------|--------------------|-------|
| 22.64 | 0.31 ug/L | 487886 | Phenanthranene-d10 | 23.02 |

| Hit# of | 5                              | Tentative ID | MW  | MolForm  | CAS#         | Qual |
|---------|--------------------------------|--------------|-----|----------|--------------|------|
| 1       | Bitoscanate                    |              | 192 | C8H4N2S2 | 004044-65-9  | 50   |
| 2       | 1,5-Naphthalenedithiole        |              | 192 | C10H8S2  | 1000223-69-5 | 50   |
| 3       | Bitoscanate                    |              | 192 | C8H4N2S2 | 004044-65-9  | 47   |
| 4       | 1,2-Phenylene diisothiocyanate |              | 192 | C8H4N2S2 | 071105-17-4  | 47   |



# Library Search Compound Report

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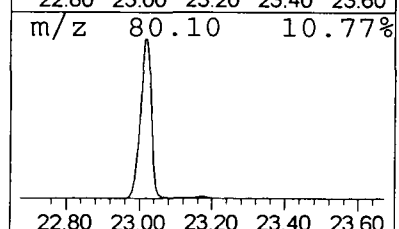
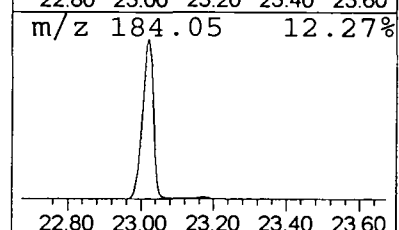
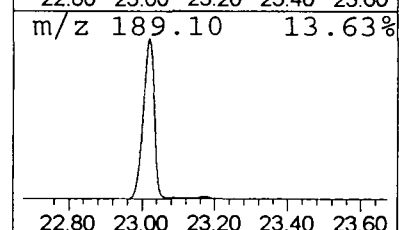
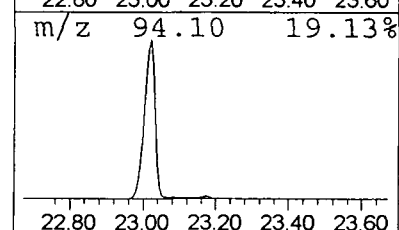
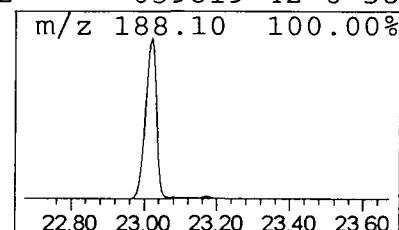
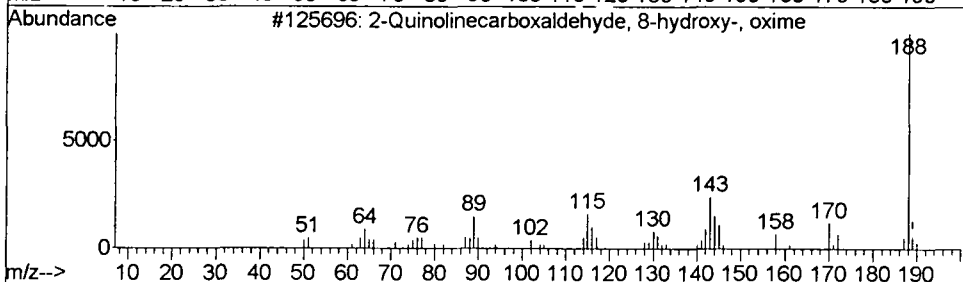
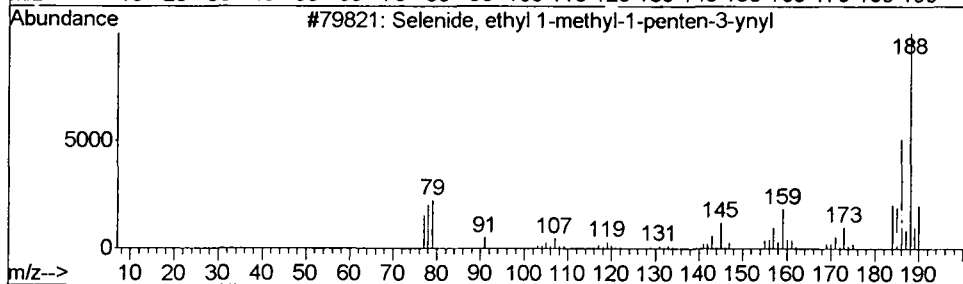
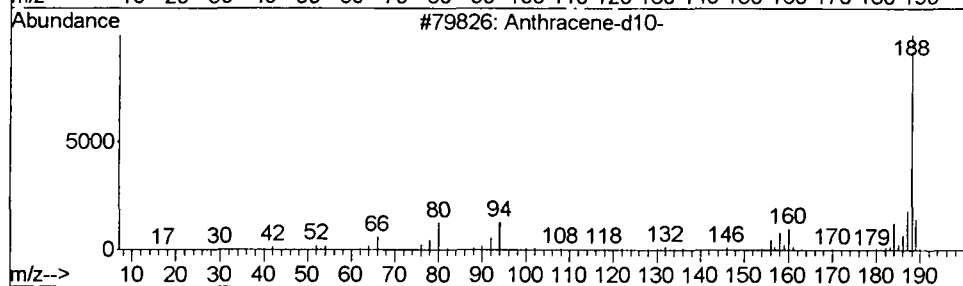
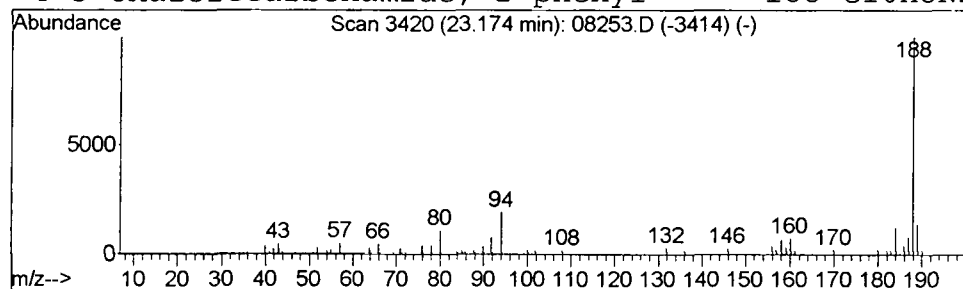
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 Operator: Nefliu  
 Inst : Instrumen  
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041702SCAN.M (Chemstation Integrator)  
 Title : 508 Modified GC/MS scan  
 Library : C:\DATABASE\NIST98.L

\*\*\*\*\*  
 Peak Number 7 Anthracene-d10- Concentration Rank 3

| R.T.  | EstConc   | Area   | Relative to ISTD   | R.T.  |
|-------|-----------|--------|--------------------|-------|
| 23.17 | 0.53 ug/L | 838849 | Phenanthranene-d10 | 23.02 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Anthracene-d10-                     | 188 | C14D10    | 001719-06-8 | 87   |
| 2    |    |   | Selenide, ethyl 1-methyl-1-pente... | 188 | C8H12Se   | 025128-48-7 | 52   |
| 3    |    |   | 2-Quinolinecarboxaldehyde, 8-hyd... | 188 | C10H8N2O2 | 005603-22-5 | 38   |
| 4    |    |   | 5-Oxazolecarboxamide, 2-phenyl-     | 188 | C10H8N2O2 | 039819-42-6 | 38   |



## Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020417\08253.D  
Acq On : 17 Apr 2002 5:42 pm  
Sample : sample  
Misc :  
MS Integration Params: LSCINT.e

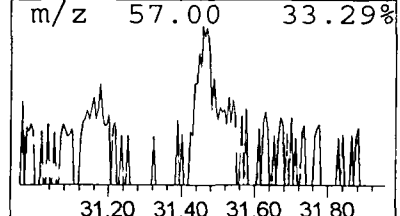
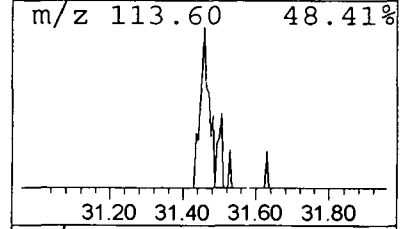
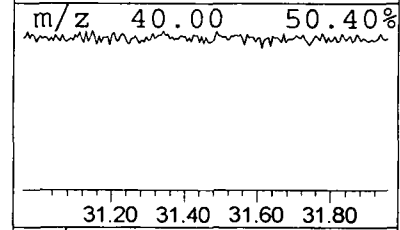
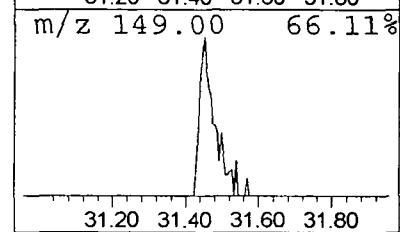
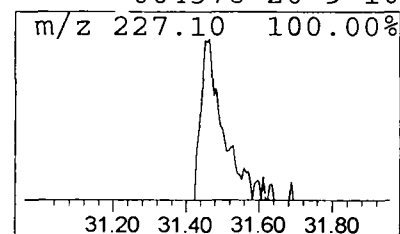
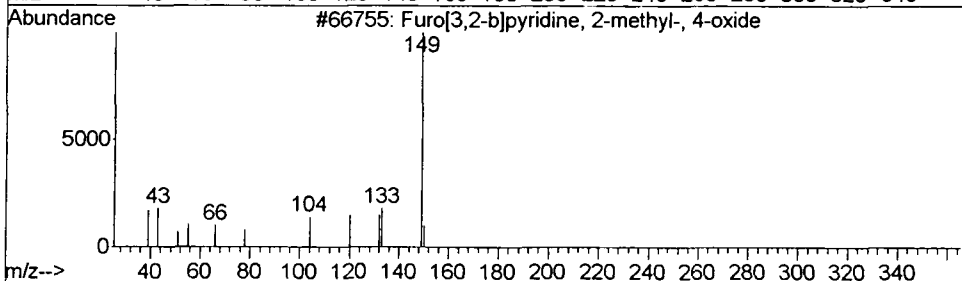
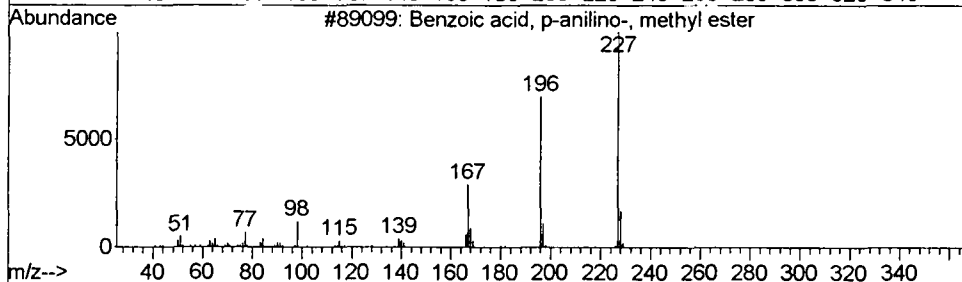
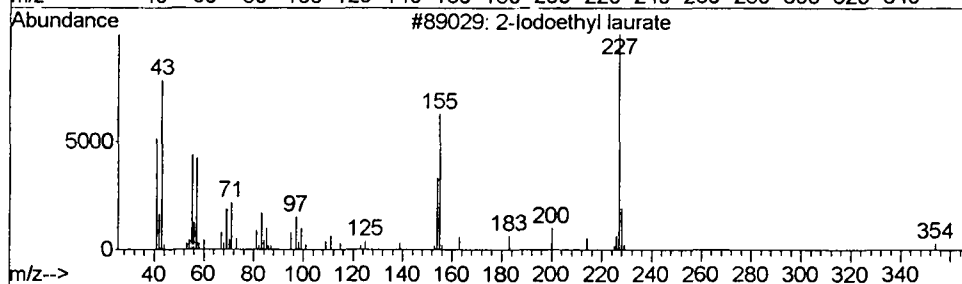
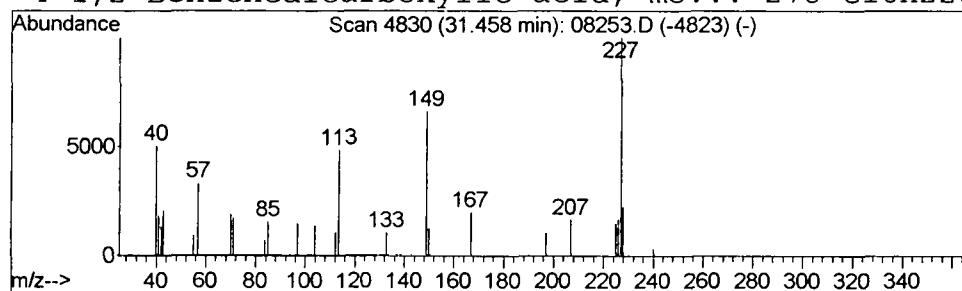
Vial: 11  
Operator: Nefliu  
Inst : Instrumen  
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041702SCAN.M (Chemstation Integrator)  
Title : 508 Modified GC/MS scan  
Library : C:\DATABASE\NIST98.L

\*\*\*\*\*  
Peak Number 8 2-Iodoethyl laurate Concentration Rank 4

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 31.46 | 0.33 ug/L | 443654 | Chrysene-d12     | 30.88 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 2-Iodoethyl laurate                 | 354 | C14H27IO2 | 1000117-50-2 | 27   |
| 2    |    |   | Benzoic acid, p-anilino-, methyl... | 227 | C14H13NO2 | 004058-18-8  | 12   |
| 3    |    |   | Furo[3,2-b]pyridine, 2-methyl-, ... | 149 | C8H7NO2   | 069022-83-9  | 10   |
| 4    |    |   | 1,2-Benzenedicarboxylic acid, mo... | 278 | C16H22O4  | 004376-20-9  | 10   |



## Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020417\08253.D  
Acq On : 17 Apr 2002 5:42 pm  
Sample : sample  
Misc :  
MS Integration Params: LSCINT.e

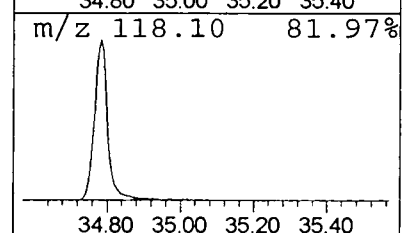
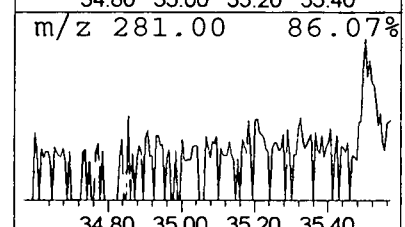
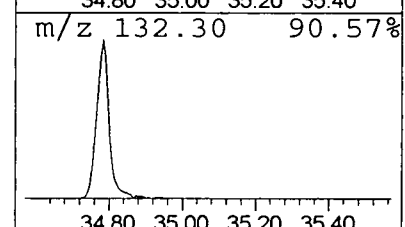
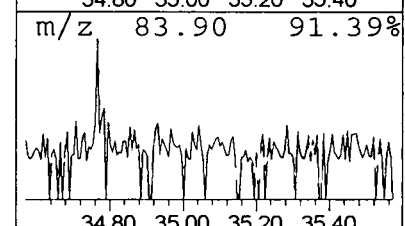
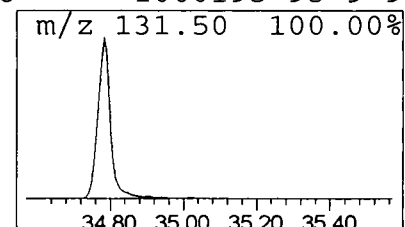
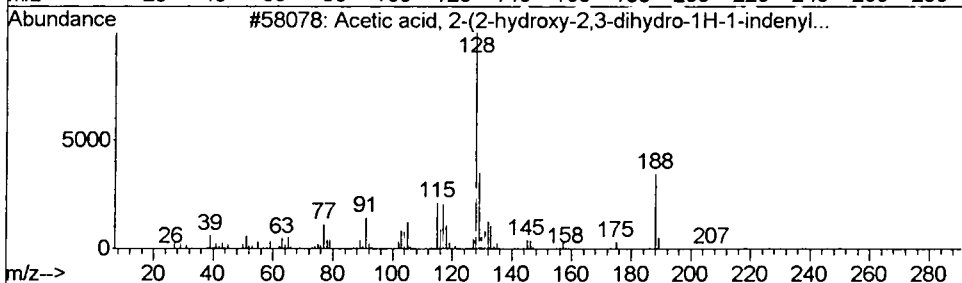
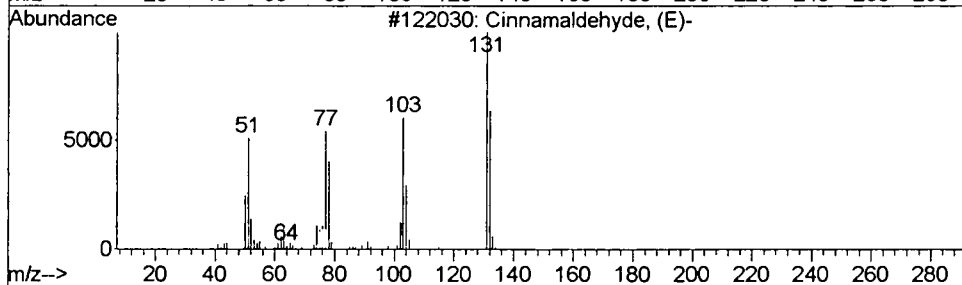
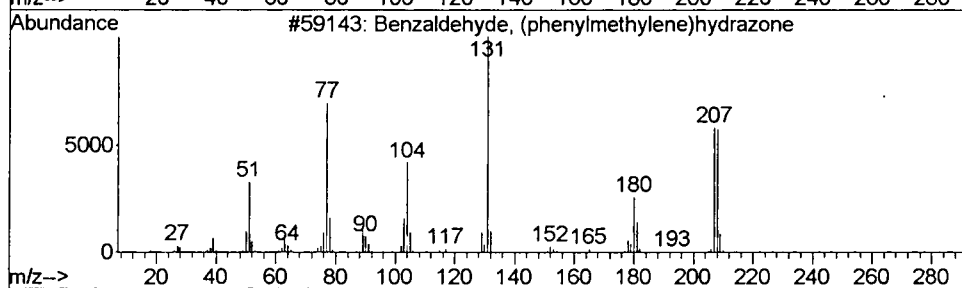
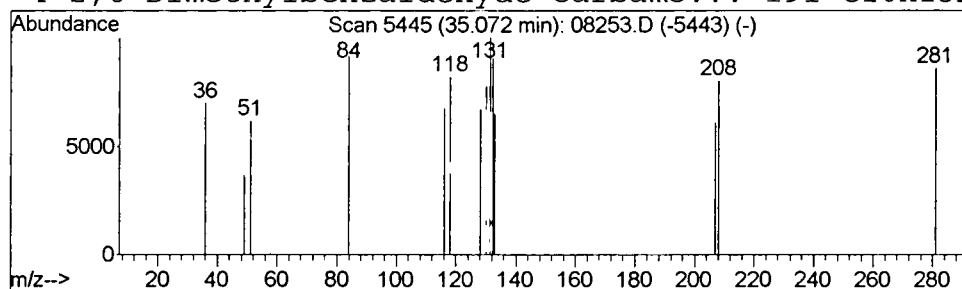
Vial: 11  
Operator: Nefliu  
Inst : Instrumen  
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041702SCAN.M (Chemstation Integrator)  
Title : 508 Modified GC/MS scan  
Library : C:\DATABASE\NIST98.L

\*\*\*\*\*  
Peak Number 9 Benzaldehyde, (phenylmethyl... Concentration Rank 11

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 35.07 | 0.24 ug/L | 264812 | Perylene-d12     | 34.79 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Benzaldehyde, (phenylmethylene)h... | 208 | C14H12N2  | 000588-68-1  | 10   |
| 2    |    |   | Cinnamaldehyde, (E)-                | 132 | C9H8O     | 014371-10-9  | 9    |
| 3    |    |   | Acetic acid, 2-(2-hydroxy-2,3-di... | 206 | C12H14O3  | 1000196-89-5 | 9    |
| 4    |    |   | 2,6-Dimethylbenzaldehyde carbamo... | 191 | C10H13N3O | 1000195-95-9 | 9    |



## Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020417\08253.D  
Acq On : 17 Apr 2002 5:42 pm  
Sample : sample  
Misc :  
MS Integration Params: LSCINT.e

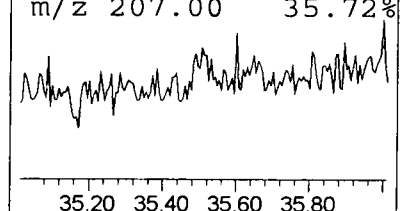
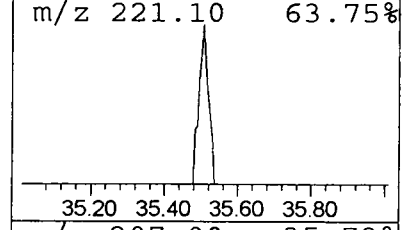
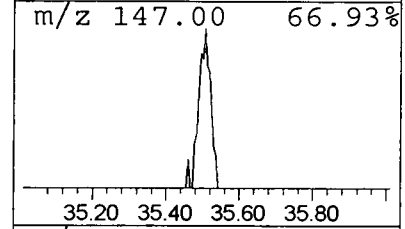
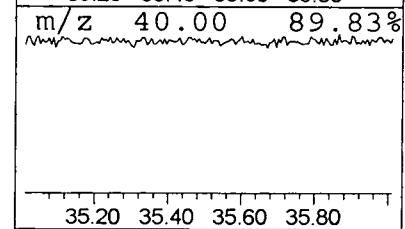
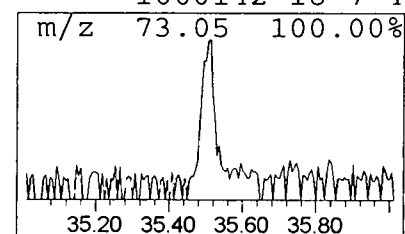
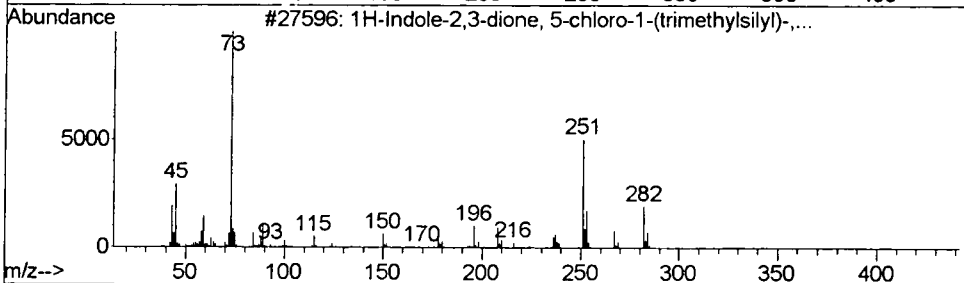
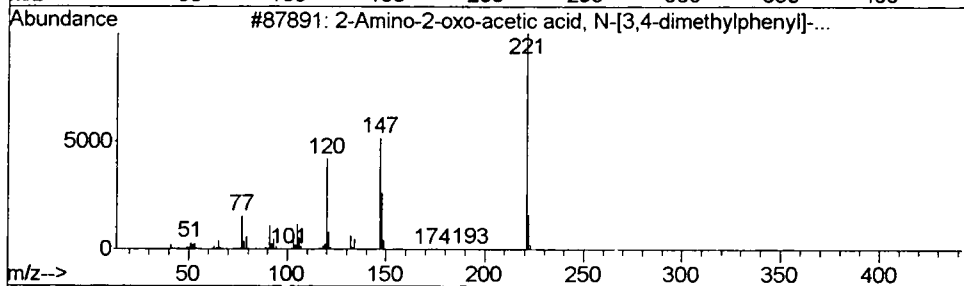
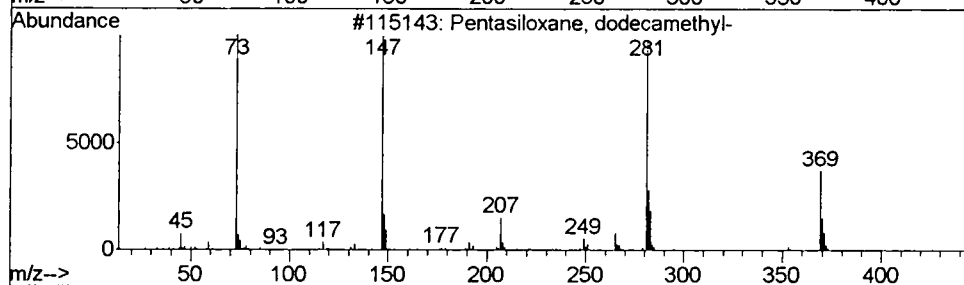
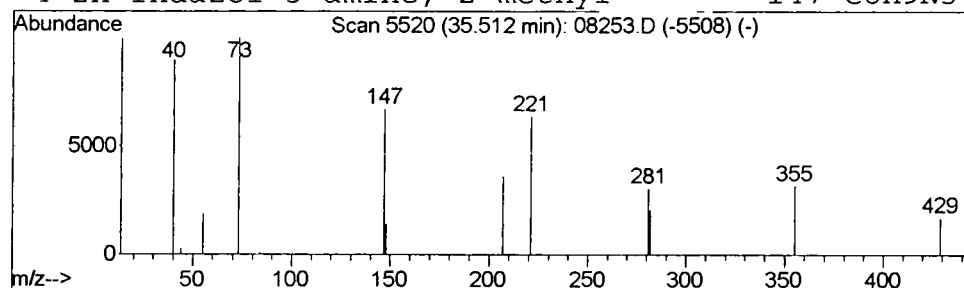
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Operator: Nefliu  
Inst : Instrumen  
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041702SCAN.M (Chemstation Integrator)  
Title : 508 Modified GC/MS scan  
Library : C:\DATABASE\NIST98.L

\*\*\*\*\*  
Peak Number 10 Pentasiloxane, dodecamethyl- Concentration Rank 10

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 35.51 | 0.25 ug/L | 270391 | Perylene-d12     | 34.79 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm        | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------------|--------------|------|
| 1    |    |   | Pentasiloxane, dodecamethyl-        | 384 | C12H36O4Si5    | 000141-63-9  | 17   |
| 2    |    |   | 2-Amino-2-oxo-acetic acid, N-[3,... | 221 | C12H15NO3      | 1000127-85-3 | 5    |
| 3    |    |   | 1H-Indole-2,3-dione, 5-chloro-1-... | 282 | C12H15ClN2O2Si | 1000143-06-1 | 4    |
| 4    |    |   | 2H-Indazol-3-amine, 2-methyl-       | 147 | C8H9N3         | 1000142-18-7 | 4    |



## Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020417\08253.D  
Acq On : 17 Apr 2002 5:42 pm  
Sample : sample  
Misc :  
MS Integration Params: LSCINT.e

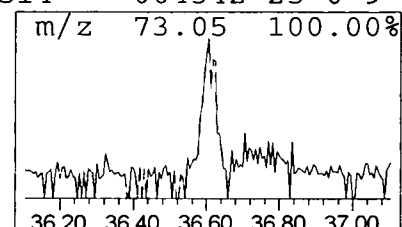
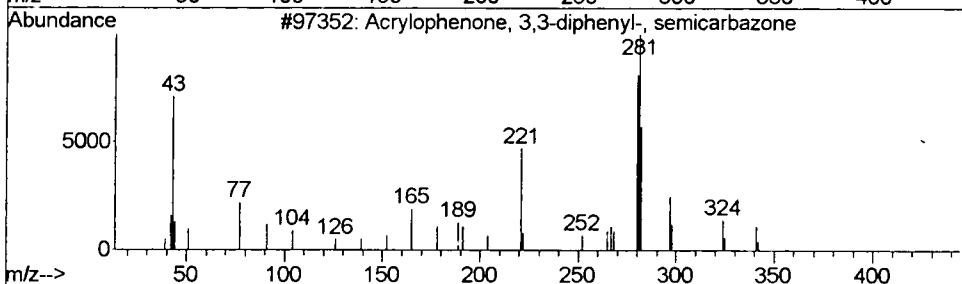
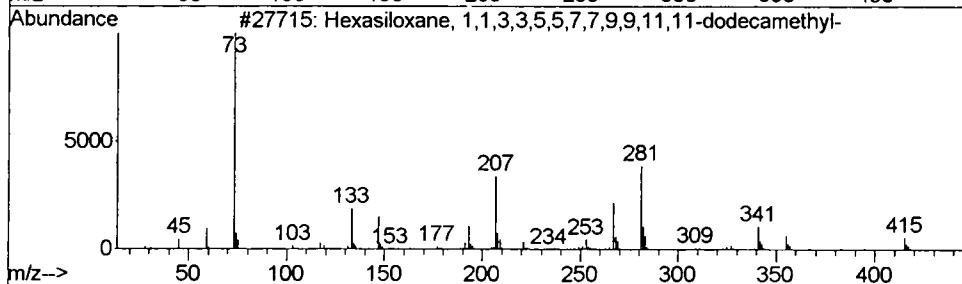
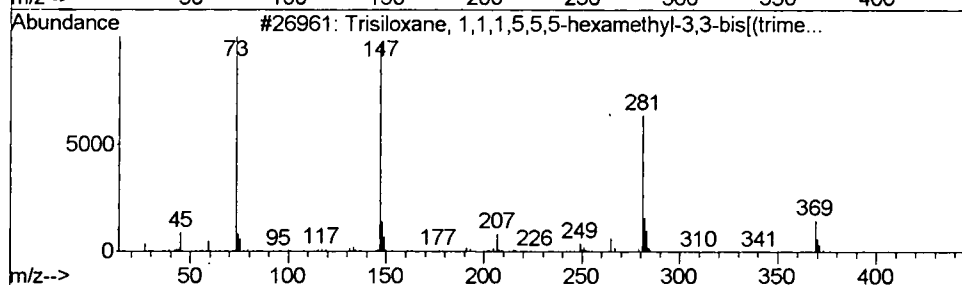
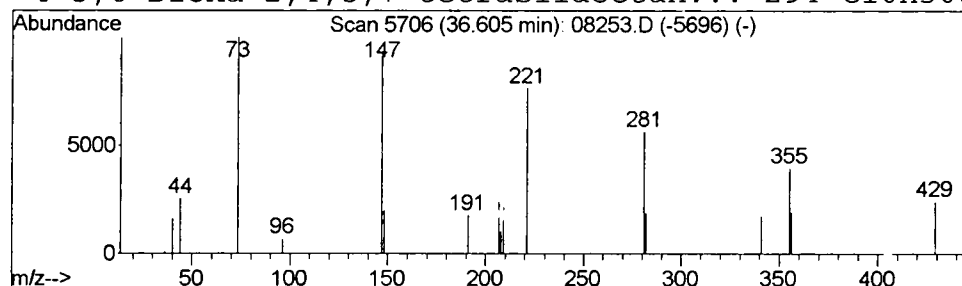
Vial: 11  
Operator: Nefliu  
Inst : Instrumen  
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041702SCAN.M (Chemstation Integrator)  
Title : 508 Modified GC/MS scan  
Library : C:\DATABASE\NIST98.L

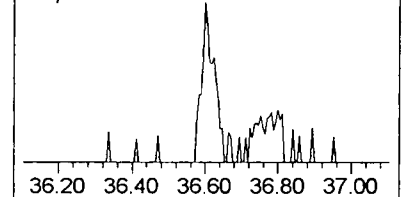
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Peak Number 11 Trisiloxane, 1,1,1,5,5,5-he... Concentration Rank 8

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 36.61 | 0.26 ug/L | 285385 | Perylene-d12     | 34.79 |

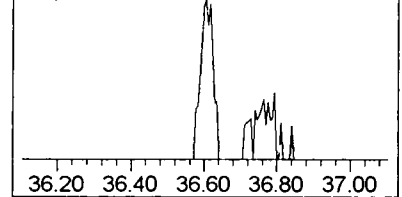
| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | Trisiloxane, 1,1,1,5,5,5-hexamet... | 384 | C12H36O4Si5 | 003555-47-3 | 12   |
| 2    |    |   | Hexasiloxane, 1,1,3,3,5,5,7,7,9,... | 430 | C12H38O5Si6 | 000995-82-4 | 10   |
| 3    |    |   | Acrylophenone, 3,3-diphenyl-, se... | 341 | C22H19N3O   | 016983-75-8 | 9    |
| 4    |    |   | 3,6-Dioxa-2,4,5,7-tetrasilaoctan... | 294 | C10H30O2Si4 | 004342-25-0 | 9    |



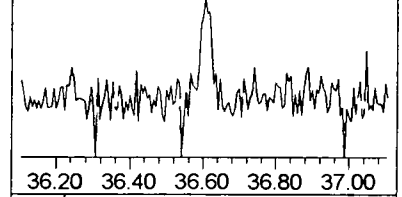
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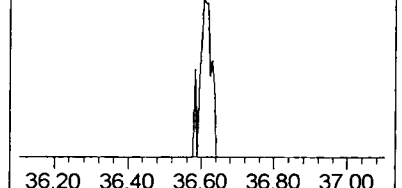
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m/z 281.00 56.30%



m/z 355.00 39.47%



## Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 17 Apr 2002 5:42 pm  
 Data File: C:\MSDCHEM\1\DATA\020417\08253.D  
 Name: sample  
 Misc:  
 Method: C:\MSDCHEM\1\METHODS\041702SCAN.M (Chemstation Integrator)  
 Title: 508 Modified GC/MS scan  
 Library Searched: C:\DATABASE\NIST98.L

| TIC Top Hit name       | RT    | EstConc | Units | Response | --Internal Standard-- |       |          |      |
|------------------------|-------|---------|-------|----------|-----------------------|-------|----------|------|
|                        |       |         |       |          | #                     | RT    | Resp     | Conc |
| ✓ Heptane              | 3.15  | 0.3     | ug/L  | 327364   | 1                     | 9.99  | 43515100 | 40.0 |
| ✓ Toluene              | 4.40  | 7.0     | ug/L  | 7620810  | 1                     | 9.99  | 43515100 | 40.0 |
| 3-Pentanol, 3-met...   | 5.97  | 0.3     | ug/L  | 325050   | 1                     | 9.99  | 43515100 | 40.0 |
| Morpholine, 4-met...   | 6.04  | 0.3     | ug/L  | 280132   | 1                     | 9.99  | 43515100 | 40.0 |
| ✓ Cyclopentasiloxan... | 12.46 | 1.3     | ug/L  | 1828000  | 2                     | 13.49 | 58049600 | 40.0 |
| Bitoscanate            | 22.64 | 0.3     | ug/L  | 487886   | 4                     | 23.02 | 63101800 | 40.0 |
| ✓ Anthracene-d10-      | 23.17 | 0.5     | ug/L  | 838849   | 4                     | 23.02 | 63101800 | 40.0 |
| 2-Iodoethyl laurate    | 31.46 | 0.3     | ug/L  | 443654   | 5                     | 30.88 | 54366200 | 40.0 |
| Benzaldehyde, (ph...   | 35.07 | 0.2     | ug/L  | 264812   | 6                     | 34.79 | 43676400 | 40.0 |
| Pentasiloxane, do...   | 35.51 | 0.2     | ug/L  | 270391   | 6                     | 34.79 | 43676400 | 40.0 |
| Trisiloxane, 1,1,...   | 36.61 | 0.3     | ug/L  | 285385   | 6                     | 34.79 | 43676400 | 40.0 |