User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/30/2002 Time: 09:15:38

Sample: AE11418
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/30/02 09:15 Ended: 5/30/02 09:15 Analyst: DLV
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | Other unknown compounds | | . | | |
| 2 | Surr_2,4-DDD | | 90 | | 10.0 |

**Comments for Sample AE11418 - Analysis $GCMS**

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-30-2002 Time: 09:16:04

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 3 of the 43 compounds in the LCS Standard were low.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052002\11418.D Vial: 8
Acq On : 20 May 2002 6:59 pm Operator: Mclean
Sample : 5/16 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 23 10:45:32 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 9.93 | 152 | 5311782 | 40.00 | ug/L | 0.00 |
| 10) Napthalene-d8 | 13.43 | 136 | 20949748 | 40.00 | ug/L | 0.00 |
| 17) Acenapthalene-d10 | 18.57 | 164 | 11440918 | 40.00 | ug/L | 0.00 |
| 29) Phenanthranene-d10 | 22.95 | 188 | 16611357 | 40.00 | ug/L | 0.00 |
| 37) Chrysene-d12 | 30.80 | 240 | 12286630 | 40.00 | ug/L | 0.00 |
| 43) Perylene-d12 | 34.70 | 264 | 7778121 | 40.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 27) TCMX | 20.54 | 209 | 2489351 | 35.84 | ug/L | 0.00 |
| Spiked Amount 40.000 | | | Recovery = 89.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) n-nitros-dimethyl amine | 0.00 | 74 | 0 | N.D. | d | |
| 3) bis(2-Chloroethyl)ether | 0.00 | 93 | 0 | N.D. | | |
| 4) 1,3-Dichlorobenzene | 0.00 | 146 | 0 | N.D. | | |
| 5) 1,4-Dichlorobenzene | 0.00 | 146 | 0 | N.D. | | |
| 6) 1,2-Dichlorobenzene | 0.00 | 146 | 0 | N.D. | | |
| 7) 2,2'oxybis(1-Chloropropane | 0.00 | 45 | 0 | N.D. | | |
| 8) N-nitroso-di-propylamine | 0.00 | 70 | 0 | N.D. | | |
| 9) Hexachloroethane | 0.00 | 117 | 0 | N.D. | | |
| 11) Nitrobenzene | 0.00 | 77 | 0 | N.D. | | |
| 12) Isophorone | 0.00 | 82 | 0 | N.D. | | |
| 13) bis(2-Chloroethoxy) methan | 0.00 | 93 | 0 | N.D. | | |
| 14) 1,2,4-Trichlorobenzene | 0.00 | 180 | 0 | N.D. | | |
| 15) Napthalene | 0.00 | 128 | 0 | N.D. | | |
| 16) Hexachlorobutadiene | 0.00 | 225 | 0 | N.D. | | |
| 18) 2-Chloronaphthalene | 0.00 | 162 | 0 | N.D. | | |
| 19) Dimethylphthalate | 0.00 | 163 | 0 | N.D. | | |
| 20) 2,6-Dinitrotoluene | 0.00 | 165 | 0 | N.D. | | |
| 21) Acenapthylene | 0.00 | 152 | 0 | N.D. | | |
| 22) Acenapthalene | 0.00 | 153 | 0 | N.D. | | |
| 23) 2,4-Dinitrotoluene | 0.00 | 165 | 0 | N.D. | | |
| 24) Diethylphthalate | 0.00 | 149 | 0 | N.D. | | |
| 25) 4-Chlorophenyl-phenylether | 0.00 | 204 | 0 | N.D. | | |
| 26) Fluorene | 0.00 | 166 | 0 | N.D. | | |
| 28) Azobenzene | 20.54 | 77 | 45085 | N.D. | | |
| 30) Nnitrosodiphenylamine | 20.55 | 169 | 45765 | N.D. | | |
| 31) 4-Bromophenyl-phenylether | 0.00 | 248 | 0 | N.D. | | |
| 32) Hexachlorobenzene | 0.00 | 284 | 0 | N.D. | | |
| 33) Phenanthrene | 0.00 | 178 | 0 | N.D. | | |
| 34) Anthracene | 0.00 | 178 | 0 | N.D. | | |
| 35) Di-n-butylphthalate | 0.00 | 149 | 0 | N.D. | | |

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052002\11418.D Vial: 8
Acq On : 20 May 2002 6:59 pm Operator: Mclean
Sample : 5/16 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 23 10:45:32 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

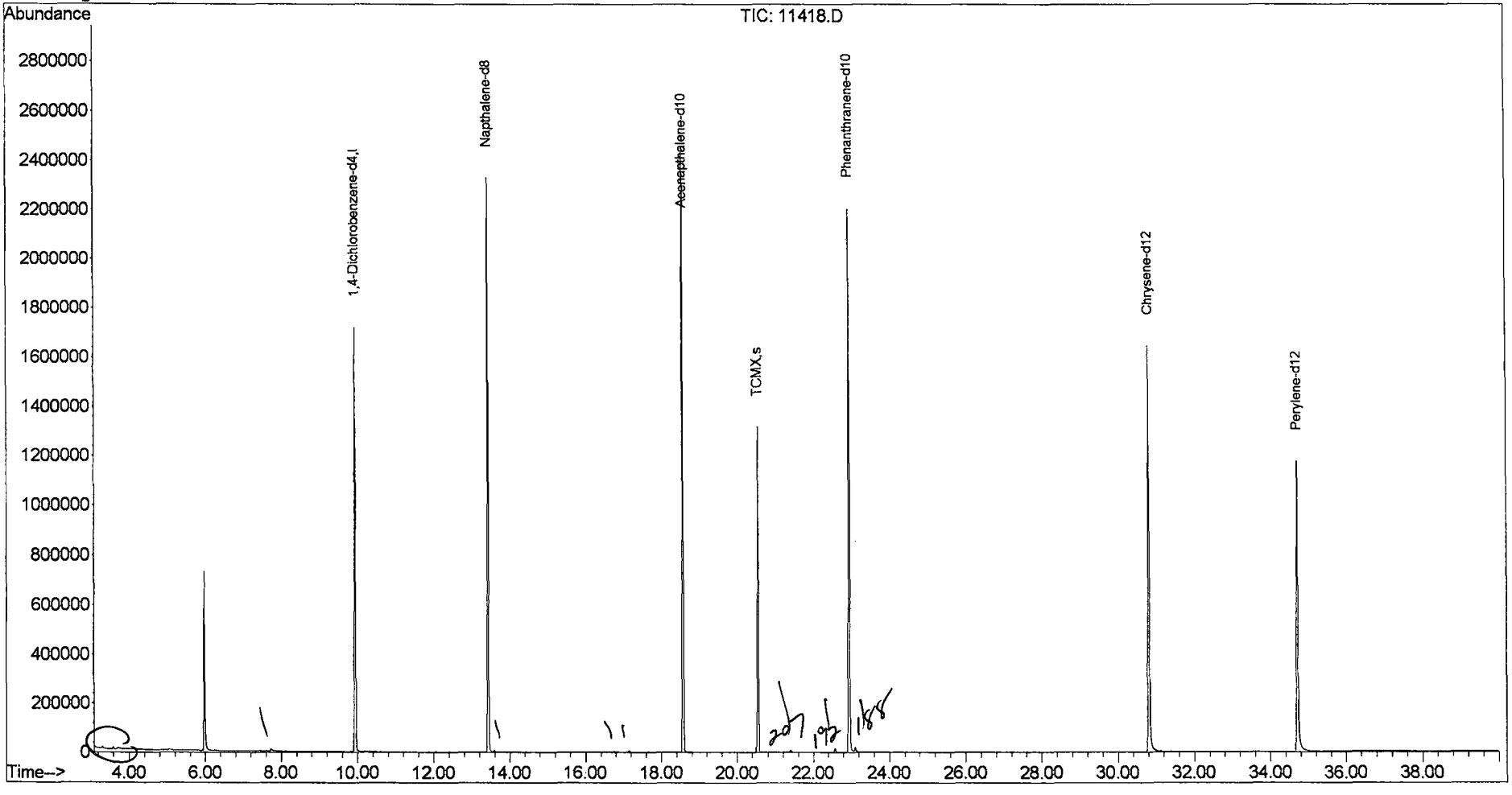
| | Compound | R.T. | QIon | Response | Conc Unit | Qvalue |
|---|---|---|---|---|---|---|
| 36) | Fluoroanthene | 0.00 | 202 | 0 | N.D. | |
| 38) | Pyrene | 0.00 | 202 | 0 | N.D. | |
| 39) | Butylbenzylphthalate | 0.00 | 149 | 0 | N.D. | |
| 40) | Benzo(a)anthracene | 30.81 | 228 | 30542 | N.D. | |
| 41) | Bis(2-ethylhexyl)phthalate | 0.00 | 149 | 0 | N.D. | |
| 42) | Chrysene | 0.00 | 228 | 0 | N.D. | |
| 44) | Di-n-octylphthalate | 0.00 | 149 | 0 | N.D. | |
| 45) | Benzo(b)fluoranthene | 0.00 | 252 | 0 | N.D. | |
| 46) | Benzo(k)fluoranthene | 0.00 | 252 | 0 | N.D. | |
| 47) | Benzo(a)pyrene | 0.00 | 252 | 0 | N.D. | |
| 48) | Indeno(1,2,3-cd)pyrene | 0.00 | 276 | 0 | N.D. | |
| 49) | Dibenz(a,h)anthracene | 0.00 | 278 | 0 | N.D. | |
| 50) | Benzo(g,h,i)perylene | 0.00 | 276 | 0 | N.D. | |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052002\11418.D Vial: 8
Acq On : 20 May 2002 6:59 pm Operator: Mclean
Sample : 5/16 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 23 10:45 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 2002
Response via : Initial Calibration



# LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\052002\11418.D  Vial: 8
Acq On : 20 May 2002 6:59 pm  Operator: Mclean
Sample : 5/16 eh  Inst : Instrumen
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.e

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan

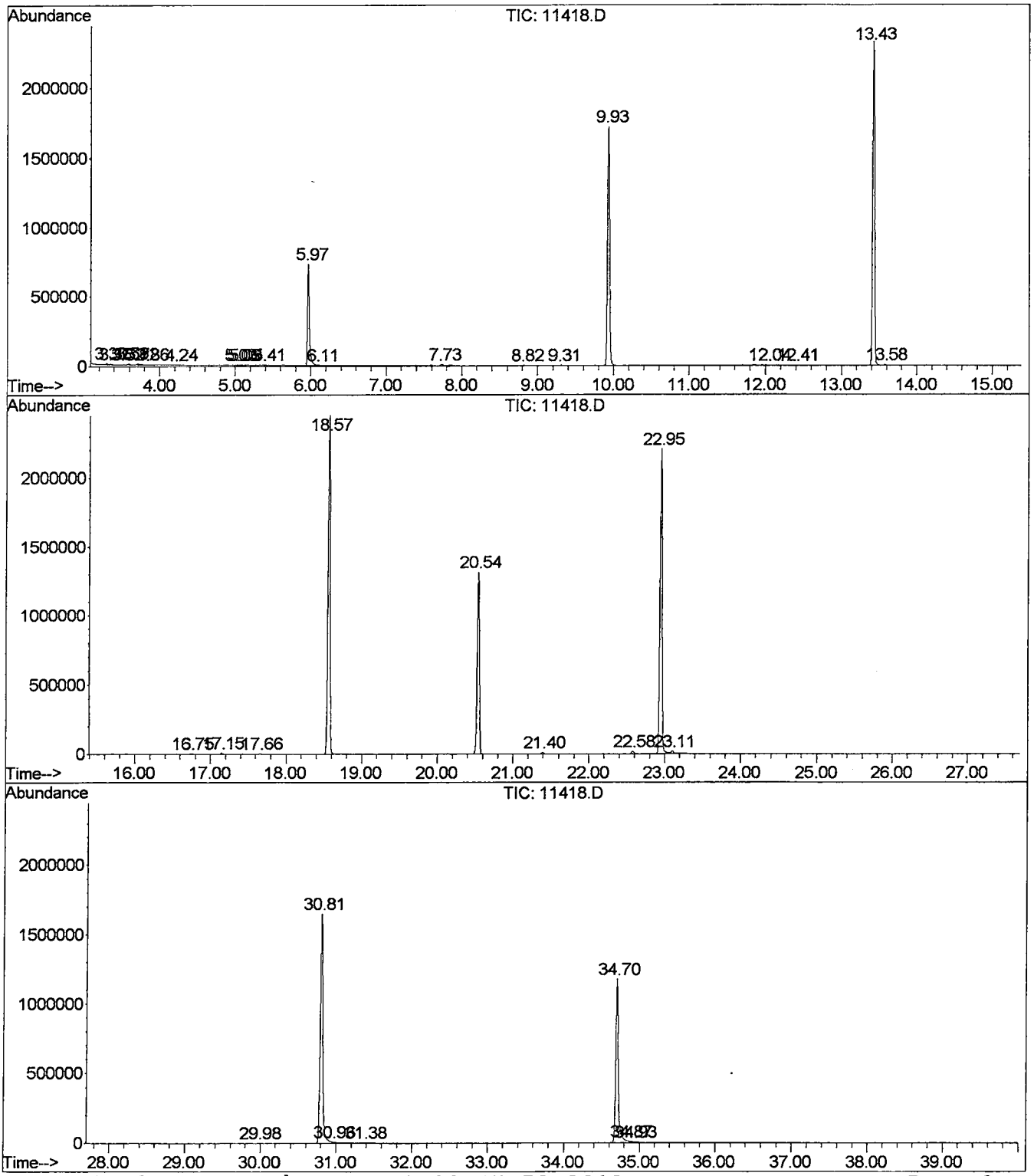
Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.303 | 33 | 38 | 44 | PV | 8084 | 113625 | 0.24% | 0.041% |
| 2 | 3.361 | 44 | 48 | 56 | VV 6 | 3058 | 53142 | 0.11% | 0.019% |
| 3 | 3.526 | 73 | 76 | 79 | PV 3 | 1685 | 18493 | 0.04% | 0.007% |
| 4 | 3.596 | 82 | 88 | 95 | PV 2 | 9344 | 157700 | 0.34% | 0.058% |
| 5 | 3.720 | 95 | 109 | 130 | VV 5 | 7448 | 445606 | 0.95% | 0.163% |
| 6 | 3.861 | 130 | 133 | 146 | VV 9 | 3507 | 161455 | 0.35% | 0.059% |
| 7 | 4.237 | 193 | 197 | 204 | VV 6 | 3204 | 81432 | 0.17% | 0.030% |
| 8 | 5.030 | 326 | 332 | 336 | PV 6 | 4395 | 89668 | 0.19% | 0.033% |
| 9 | 5.059 | 336 | 337 | 339 | VV 2 | 3807 | 37725 | 0.08% | 0.014% |
| 10 | 5.089 | 339 | 342 | 352 | VV 6 | 4463 | 119829 | 0.26% | 0.044% |
| 11 | 5.406 | 391 | 396 | 401 | VV 6 | 3212 | 72414 | 0.15% | 0.026% |
| 12 | 5.970 | 480 | 492 | 514 | PV | 713823 | 12719975 | 27.23% | 4.642% |
| 13 | 6.111 | 514 | 516 | 523 | VV 6 | 3063 | 72247 | 0.15% | 0.026% |
| 14 | 7.733 | 788 | 792 | 807 | PV 2 | 8124 | 227341 | 0.49% | 0.083% |
| 15 | 8.820 | 973 | 977 | 986 | PV 8 | 1663 | 39140 | 0.08% | 0.014% |
| 16 | 9.307 | 1057 | 1060 | 1068 | PV 4 | 1734 | 35962 | 0.08% | 0.013% |
| 17 | 9.930 | 1157 | 1166 | 1187 | PV | 1675959 | 31855467 | 68.18% | 11.626% |
| 18 | 12.040 | 1521 | 1525 | 1534 | VV 4 | 1718 | 34294 | 0.07% | 0.013% |
| 19 | 12.410 | 1583 | 1588 | 1595 | VV 3 | 1859 | 35522 | 0.08% | 0.013% |
| 20 | 13.432 | 1750 | 1762 | 1781 | PV | 2299397 | 42787555 | 91.58% | 15.615% |
| 21 | 13.579 | 1781 | 1787 | 1799 | VV 3 | 7112 | 151337 | 0.32% | 0.055% |
| 22 | 16.746 | 2320 | 2326 | 2332 | VV 2 | 3556 | 63733 | 0.14% | 0.023% |
| 23 | 17.145 | 2389 | 2394 | 2401 | VV 4 | 8022 | 128939 | 0.28% | 0.047% |
| 24 | 17.663 | 2475 | 2482 | 2489 | PV 4 | 3171 | 55508 | 0.12% | 0.020% |
| 25 | 18.567 | 2625 | 2636 | 2660 | PV | 2445000 | 46719674 | 100.00% | 17.050% |
| 26 | 20.542 | 2960 | 2972 | 2984 | PV | 1297967 | 24752033 | 52.98% | 9.033% |
| 27 | 21.393 | 3106 | 3117 | 3128 | VV 4 | 10863 | 180798 | 0.39% | 0.066% |
| 28 | 22.580 | 3311 | 3319 | 3327 | PV 2 | 16854 | 300571 | 0.64% | 0.110% |
| 29 | 22.951 | 3359 | 3382 | 3402 | BV 2 | 2169862 | 45350246 | 97.07% | 16.550% |
| 30 | 23.109 | 3402 | 3409 | 3422 | VV 2 | 18932 | 461879 | 0.99% | 0.169% |
| 31 | 29.978 | 4573 | 4578 | 4596 | VB 5 | 1895 | 60223 | 0.13% | 0.022% |
| 32 | 30.806 | 4706 | 4719 | 4744 | PV 2 | 1645699 | 37951440 | 81.23% | 13.850% |
| 33 | 30.959 | 4744 | 4745 | 4768 | VV 5 | 8376 | 387949 | 0.83% | 0.142% |
| 34 | 31.376 | 4807 | 4816 | 4835 | VV 7 | 2870 | 95362 | 0.20% | 0.035% |
| 35 | 34.702 | 5371 | 5382 | 5410 | PV 2 | 1160684 | 27977133 | 59.88% | 10.210% |
| 36 | 34.872 | 5410 | 5411 | 5420 | VV 6 | 8044 | 182161 | 0.39% | 0.066% |
| 37 | 34.937 | 5420 | 5422 | 5427 | VV 2 | 3004 | 34603 | 0.07% | 0.013% |

Sum of corrected areas: 274012184

# LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\052002\11418.D
Operator : Mclean
Acquired : 20 May 2002 6:59 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 5/16 eh
Misc Info :
Vial Number: 8
Quant File :050102.RES (Chemstation Integrator)



# Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052002\11418.D
Acq On : 20 May 2002 6:59 pm
Sample : 5/16 eh
Misc :
MS Integration Params: LSCINT.e

Vial: 8
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

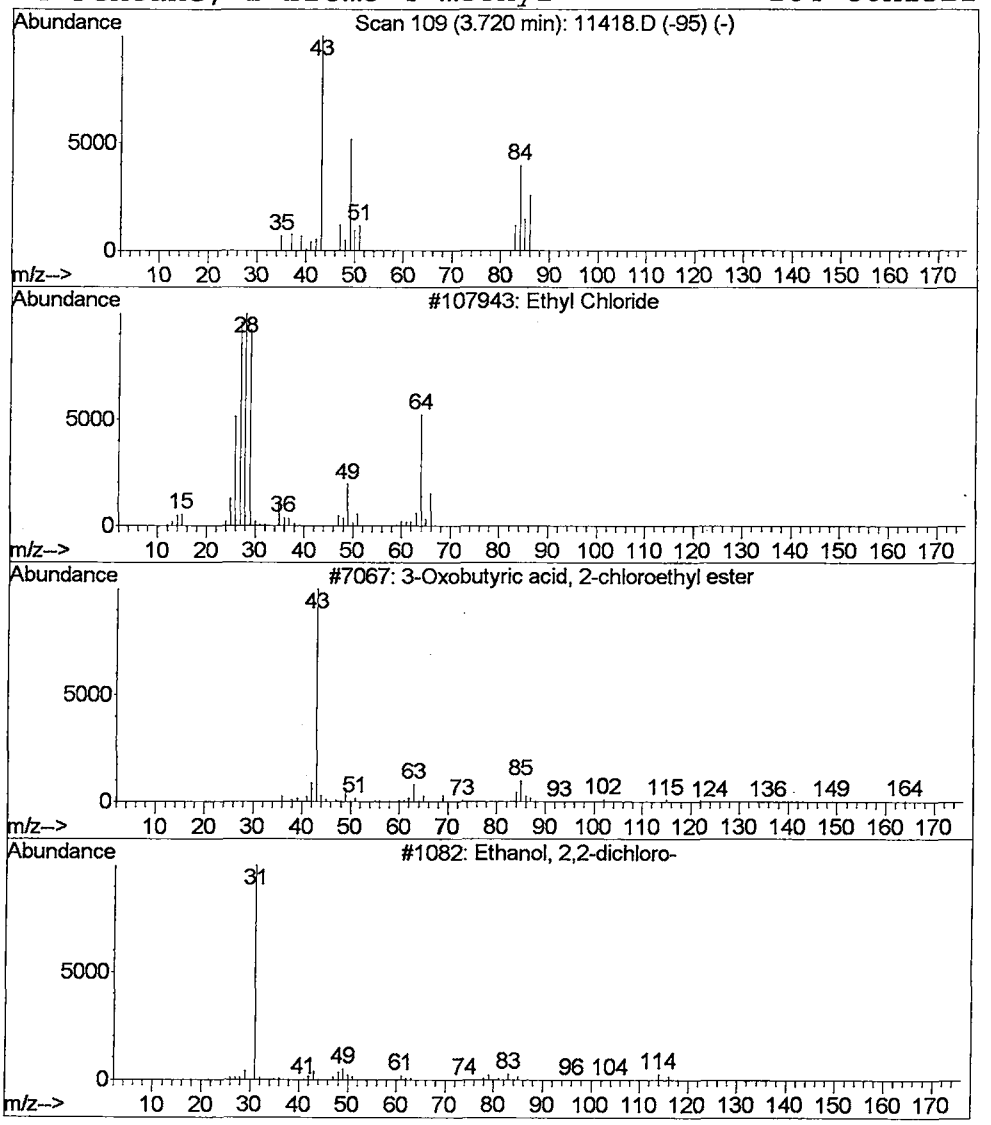
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

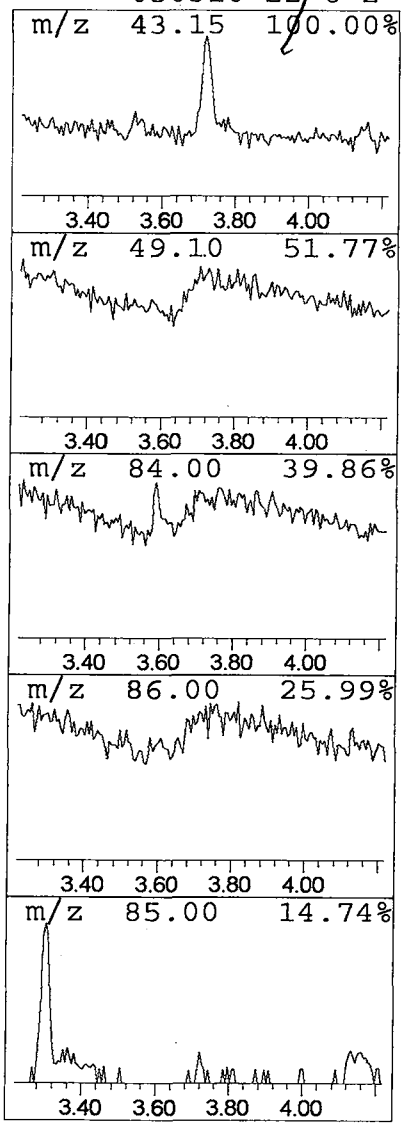
**********

Peak Number 1 Ethyl Chloride Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.72 | 0.56 ug/L | 445606 | 1,4-Dichlorobenzene-d4 | 9.93 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethyl Chloride | 64 | C2H5Cl | 000075-00-3 | 9 |
| 2 | 3-Oxobutyric acid, 2-chloroethyl... | 164 | C6H9ClO3 | 1000210-13-3 | 9 |
| 3 | Ethanol, 2,2-dichloro- | 114 | C2H4Cl2O | 000598-38-9 | 4 |
| 4 | Pentane, 2-bromo-4-methyl- | 164 | C6H13Br | 030310-22-6 | 2 |



# Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052002\11418.D  Vial: 8
Acq On : 20 May 2002 6:59 pm  Operator: Mclean
Sample : 5/16 eh  Inst : Instrumen
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.e

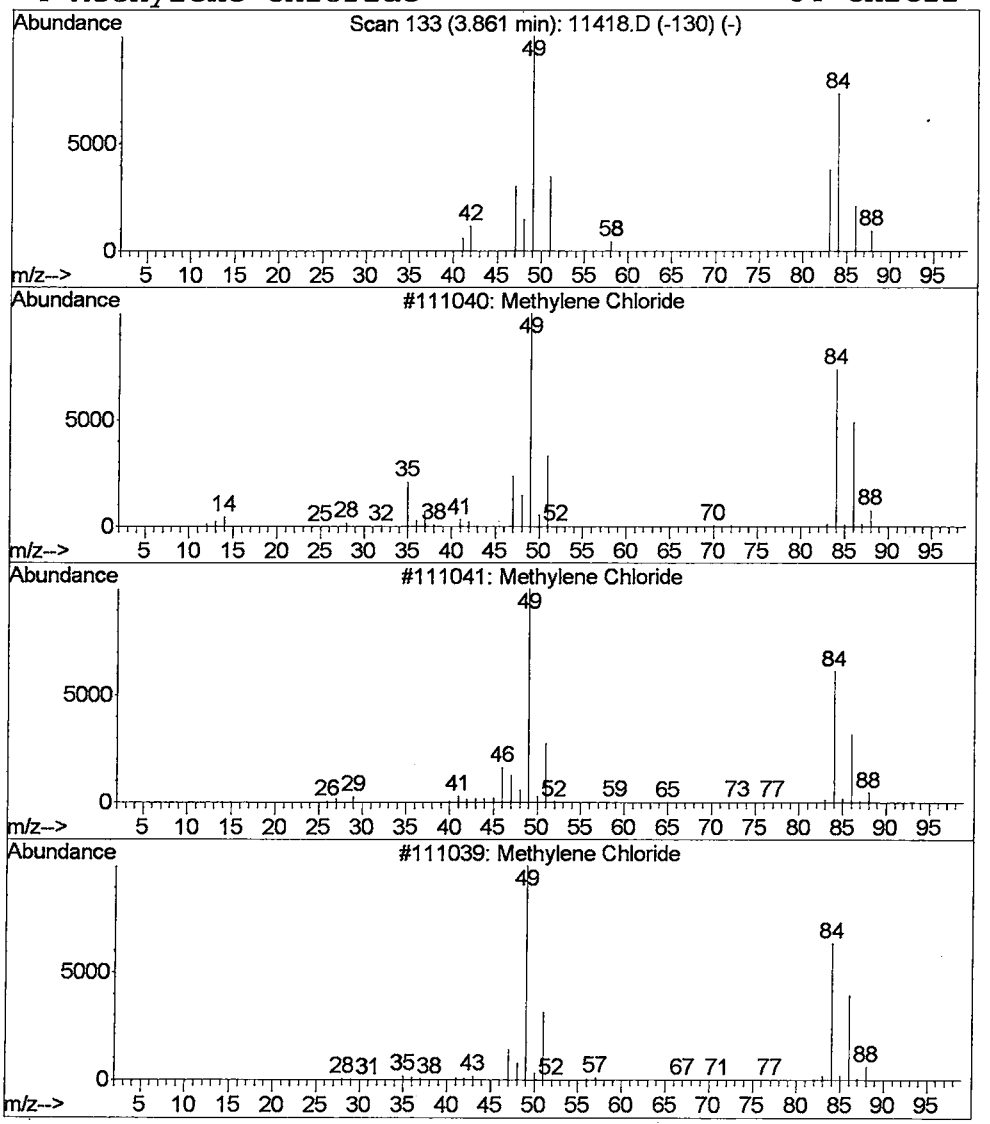
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

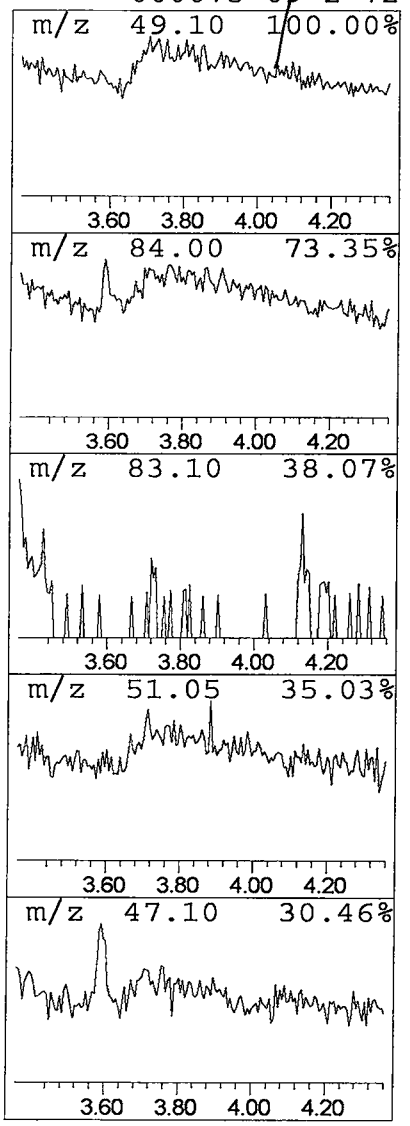
**********

Peak Number 2 Methylene Chloride  Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.86 | 0.20 ug/L | 161455 | 1,4-Dichlorobenzene-d4 | 9.93 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methylene Chloride | 84 | CH2Cl2 | 000075-09-2 | 80 |
| 2 | Methylene Chloride | 84 | CH2Cl2 | 000075-09-2 | 72 |
| 3 | Methylene Chloride | 84 | CH2Cl2 | 000075-09-2 | 72 |
| 4 | Methylene Chloride | 84 | CH2Cl2 | 000075-09-2 | 72 |



# Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052002\11418.D  Vial: 8
Acq On : 20 May 2002 6:59 pm  Operator: Mclean
Sample : 5/16 eh  Inst : Instrumen
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.e

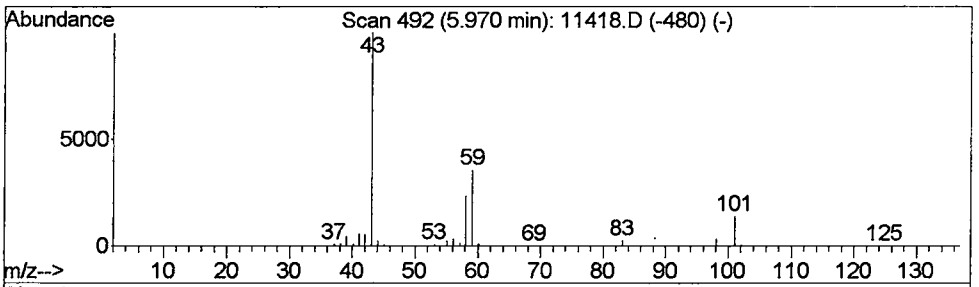
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

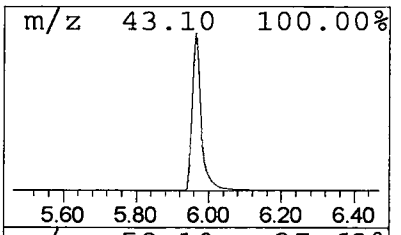
**********

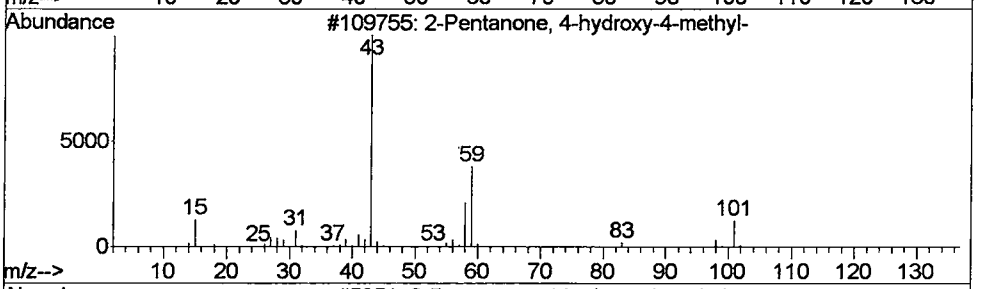
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

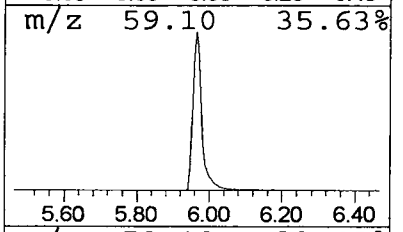
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.97 | 15.97 ug/L | 12720000 | 1,4-Dichlorobenzene-d4 | 9.93 |

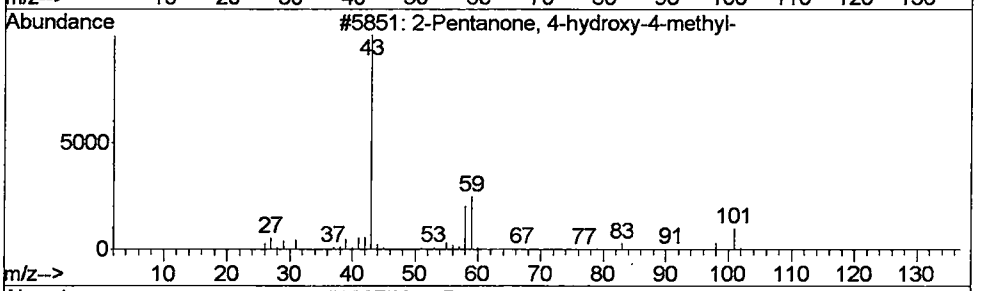
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 86 |
| 2 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 64 |
| 3 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 56 |
| 4 | Acetone | 58 | C3H6O | 000067-64-1 | 32 |

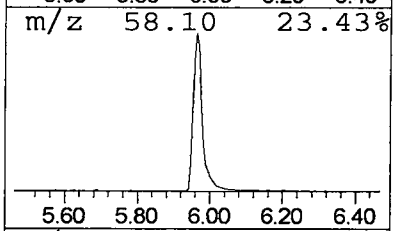


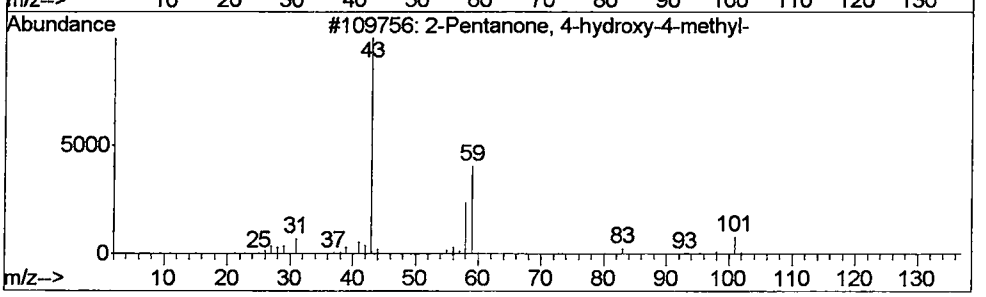



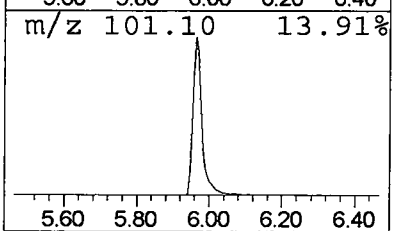



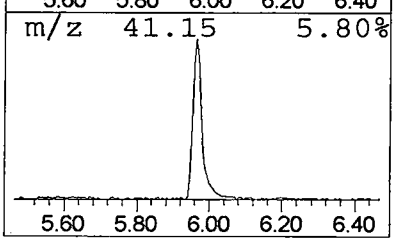



# Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052002\11418.D
Acq On : 20 May 2002 6:59 pm
Sample : 5/16 eh
Misc :
MS Integration Params: LSCINT.e

Vial: 8
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

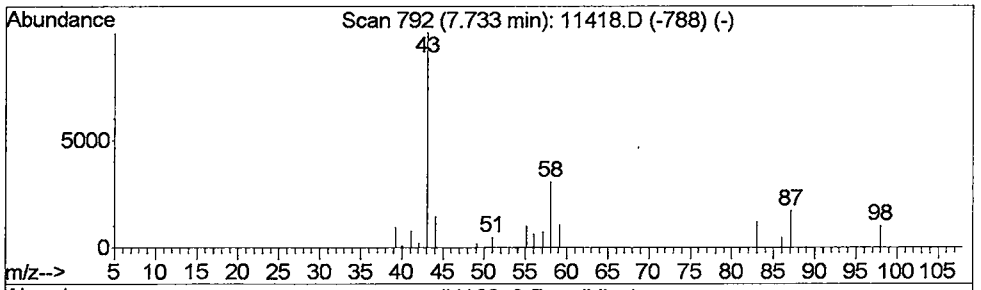
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

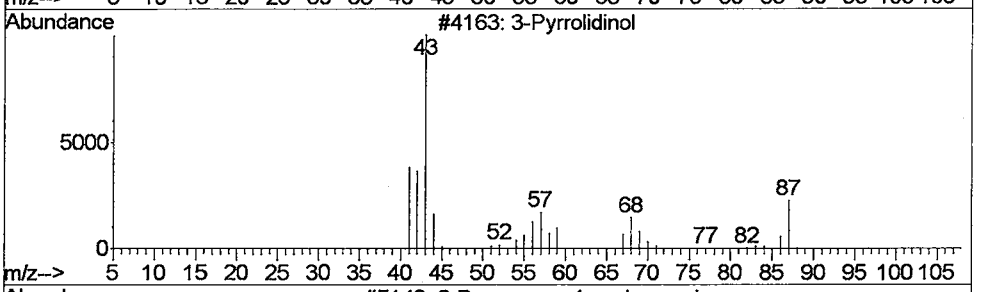
**********

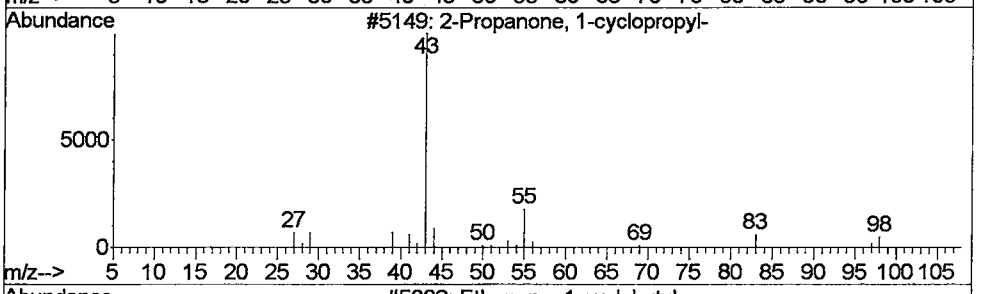
Peak Number 4 3-Pyrrolidinol Concentration Rank 5

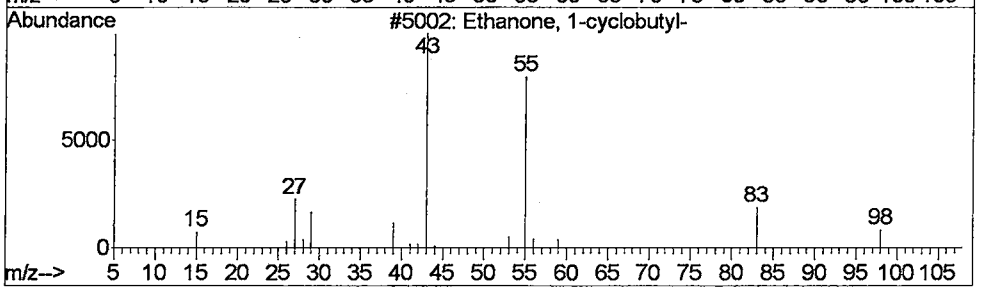
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.73 | 0.29 ug/L | 227341 | 1,4-Dichlorobenzene-d4 | 9.93 |

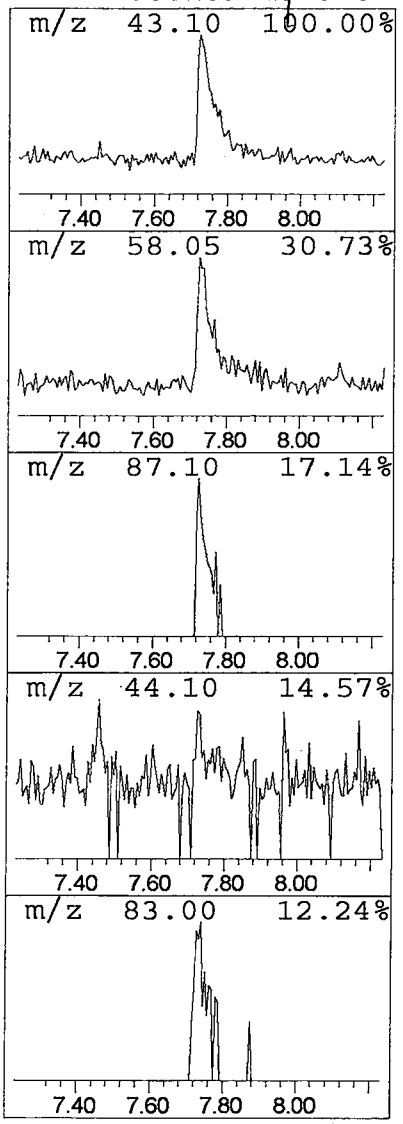
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Pyrrolidinol | 87 | C4H9NO | 040499-83-0 | 37 |
| 2 | 2-Propanone, 1-cyclopropyl- | 98 | C6H10O | 004160-75-2 | 25 |
| 3 | Ethanone, 1-cyclobutyl- | 98 | C6H10O | 003019-25-8 | 9 |
| 4 | 5-Hexen-2-one | 98 | C6H10O | 000109-49-9 | 9 |



# Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052002\11418.D  Vial: 8
Acq On : 20 May 2002 6:59 pm  Operator: Mclean
Sample : 5/16 eh  Inst : Instrumen
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.e

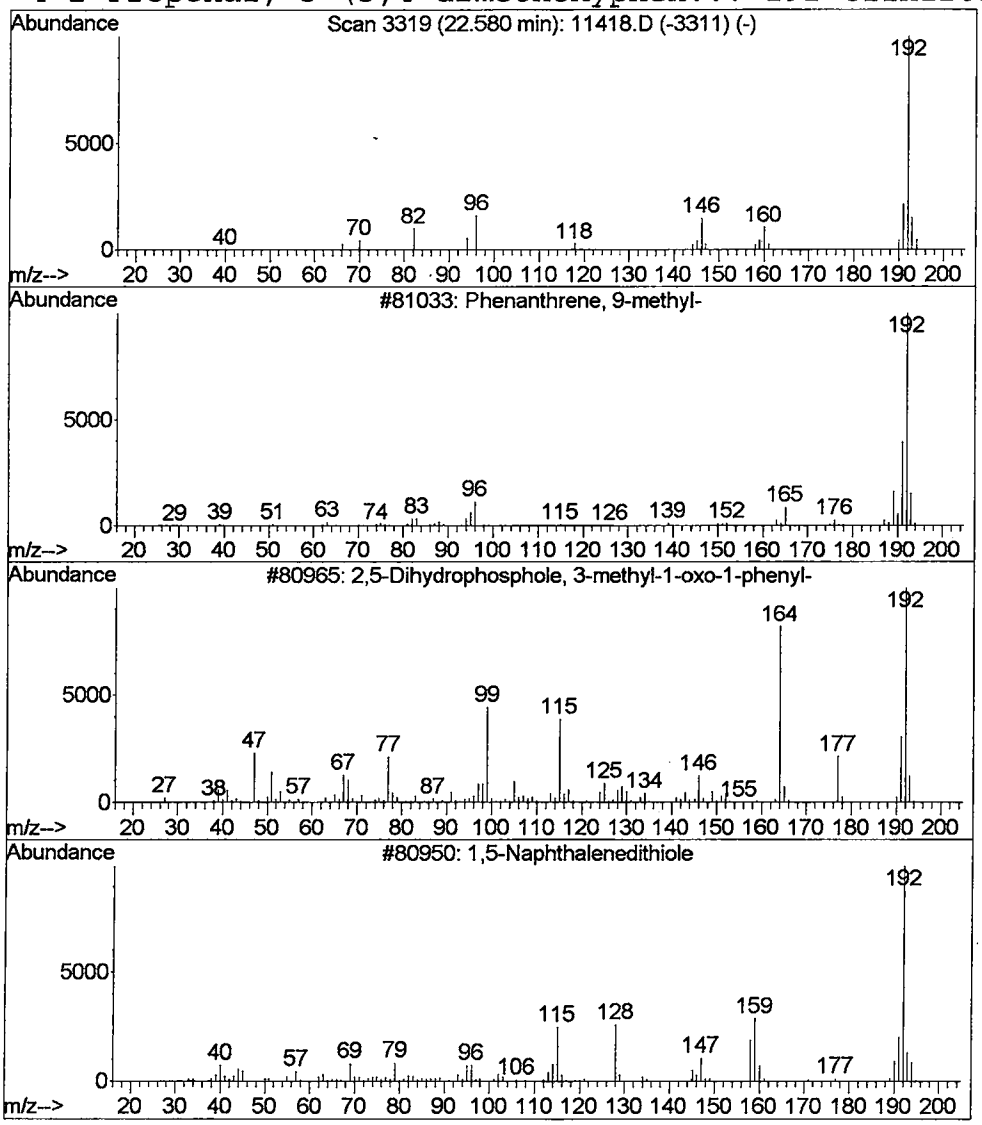
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

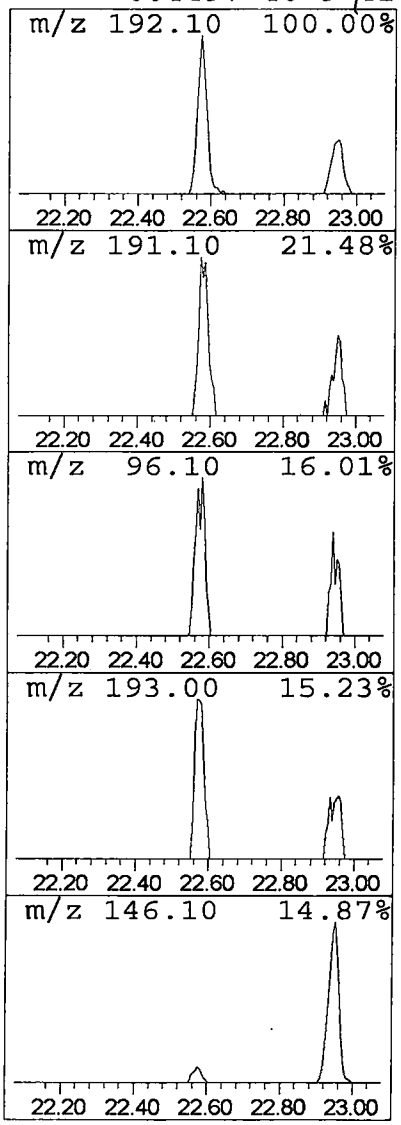
**********

Peak Number 5 Phenanthrene, 9-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.58 | 0.27 ug/L | 300571 | Phenanthranene-d10 | 22.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 9-methyl- | 192 | C15H12 | 000883-20-5 | 50 |
| 2 | 2,5-Dihydrophosphole, 3-methyl-1... | 192 | C11H13OP | 1000196-97-5 | 45 |
| 3 | 1,5-Naphthalenedithiole | 192 | C10H8S2 | 1000223-69-5 | 45 |
| 4 | 2-Propenal, 3-(3,4-dimethoxyphen... | 192 | C11H12O3 | 004497-40-9 | 42 |



# Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052002\11418.D  Vial: 8
Acq On : 20 May 2002 6:59 pm  Operator: Mclean
Sample : 5/16 eh  Inst : Instrumen
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.e

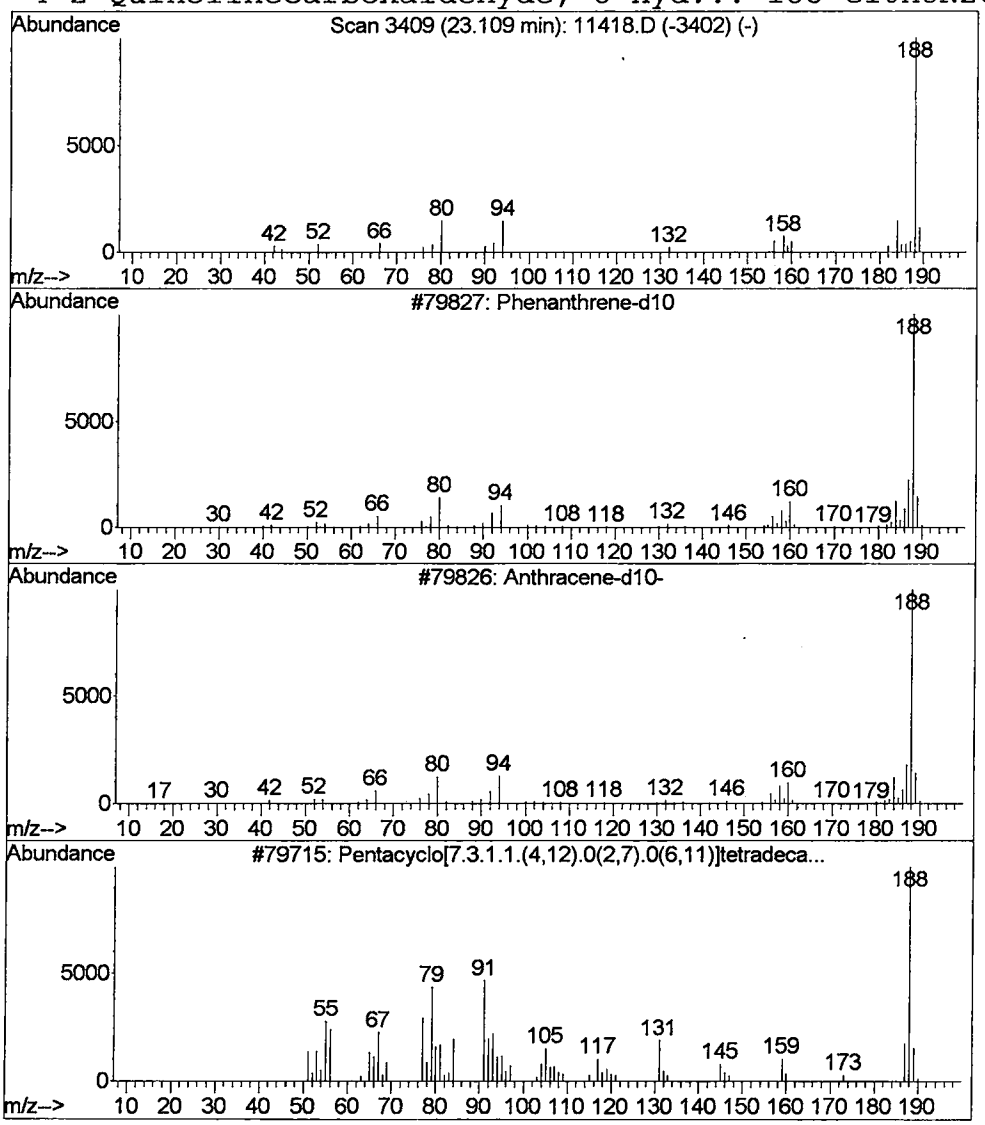
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

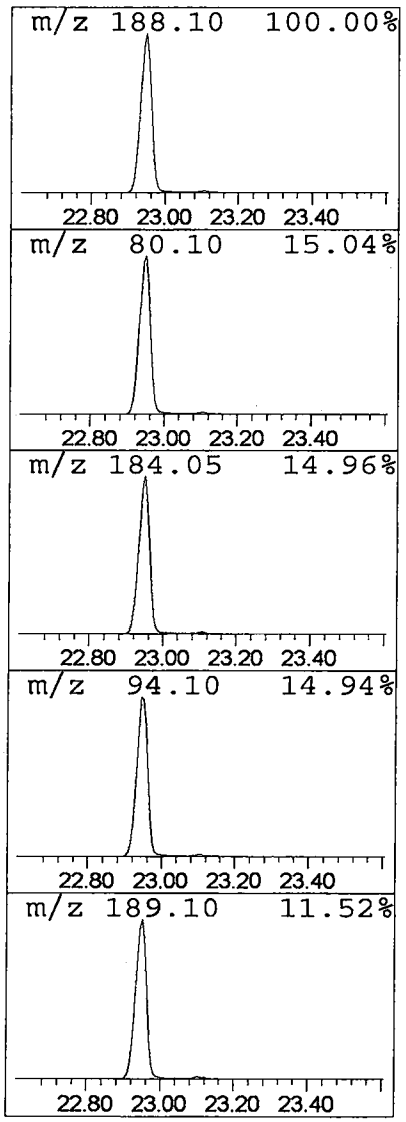
**********

Peak Number 6 Phenanthrene-d10 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.11 | 0.41 ug/L | 461879 | Phenanthranene-d10 | 22.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene-d10 | 188 | C14D10 | 001517-22-2 | 86 |
| 2 | Anthracene-d10- | 188 | C14D10 | 001719-06-8 | 86 |
| 3 | Pentacyclo[7.3.1.1.(4,12).0(2,7)... | 188 | C14H20 | 1000215-61-8 | 50 |
| 4 | 2-Quinolinecarboxaldehyde, 8-hyd... | 188 | C10H8N2O2 | 005603-22-5 | 40 |



# Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052002\11418.D  Vial: 8
Acq On : 20 May 2002 6:59 pm  Operator: Mclean
Sample : 5/16 eh  Inst : Instrumen
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.e

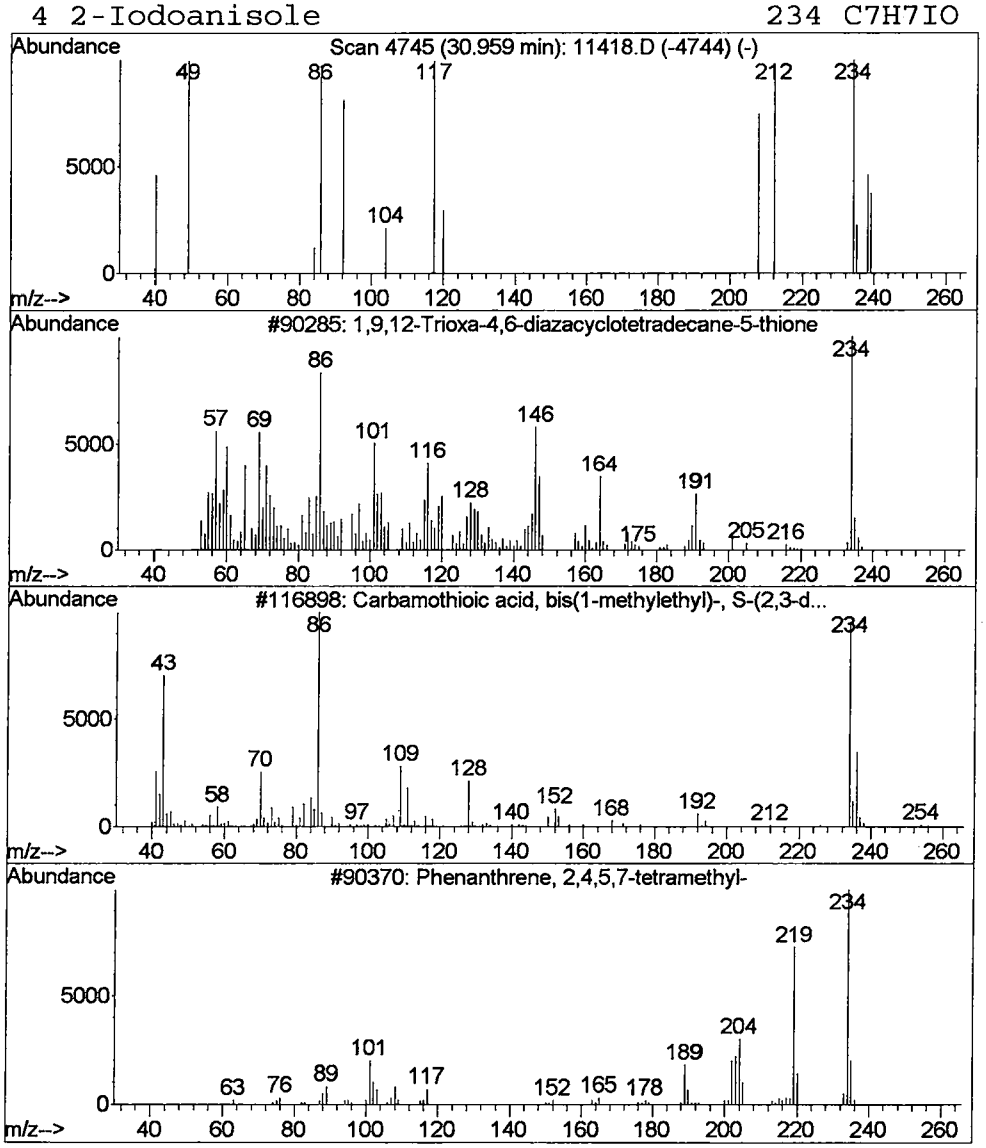
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

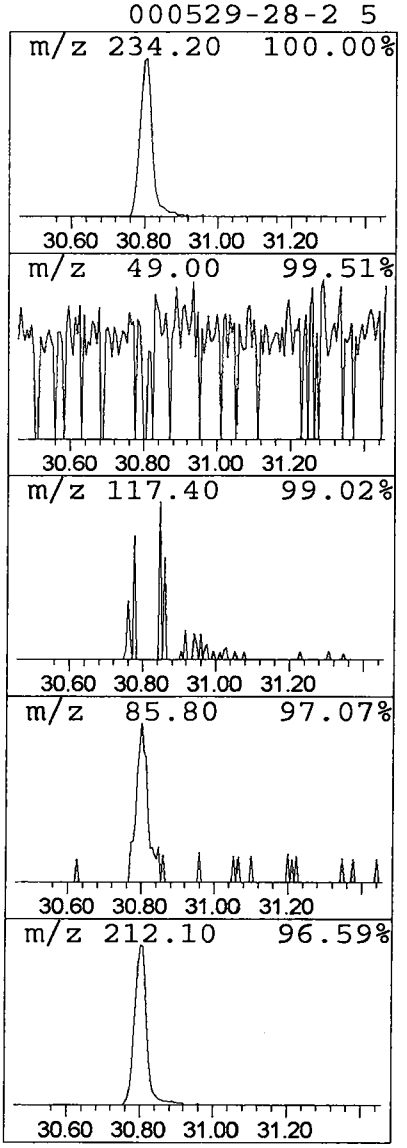
**********

Peak Number 7 1,9,12-Trioxa-4,6-diazacycl... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 30.96 | 0.41 ug/L | 387949 | Chrysene-d12 | 30.81 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,9,12-Trioxa-4,6-diazacyclotetr... | 234 | C9H18N2O3S | 075491-64-4 | 14 |
| 2 | Carbamothioic acid, bis(1-methyl... | 269 | C10H17Cl2NOS | 002303-16-4 | 9 |
| 3 | Phenanthrene, 2,4,5,7-tetramethyl- | 234 | C18H18 | 007396-38-5 | 5 |
| 4 | 2-Iodoanisole | 234 | C7H7IO | 000529-28-2 | 5 |



# Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052002\11418.D  Vial: 8
Acq On : 20 May 2002 6:59 pm  Operator: Mclean
Sample : 5/16 eh  Inst : Instrumen
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.e

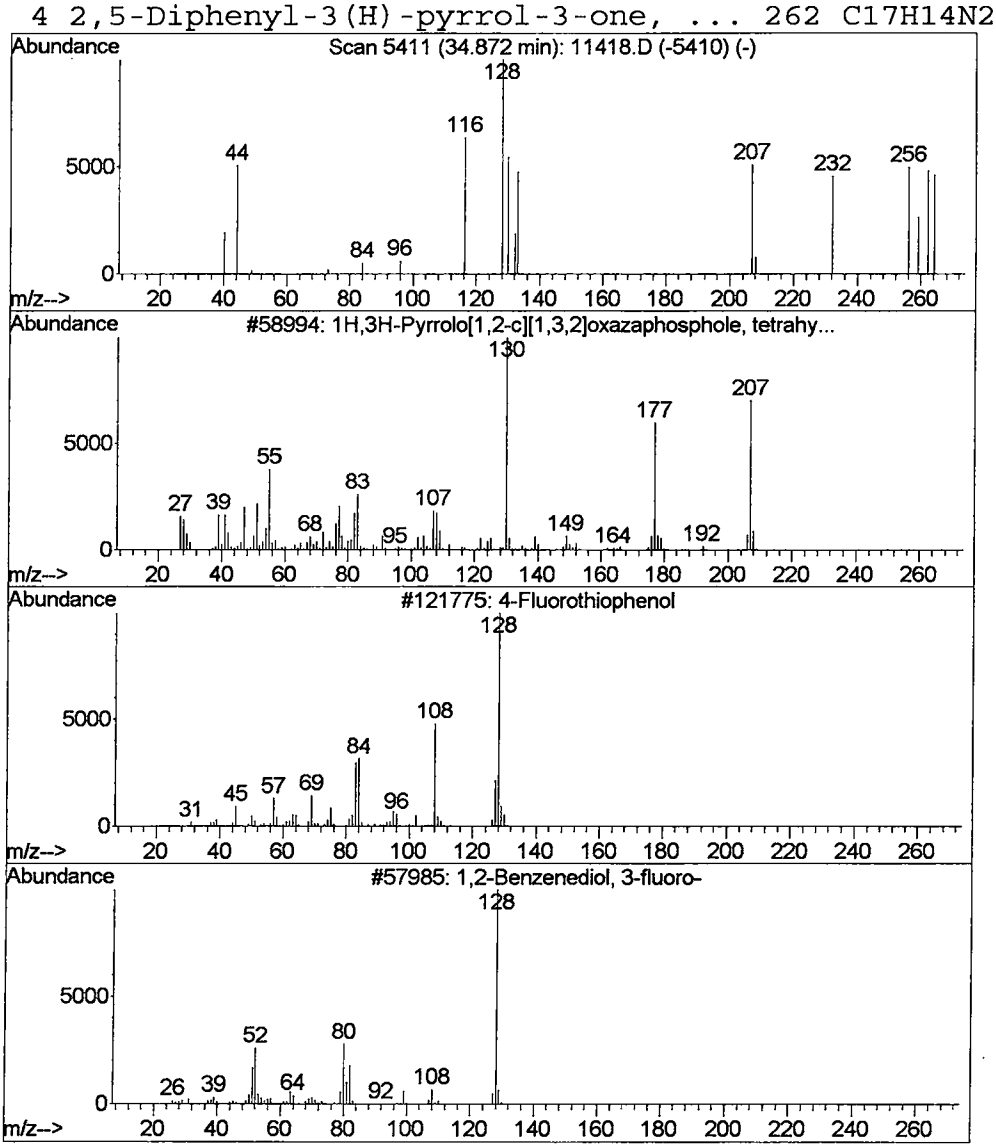
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

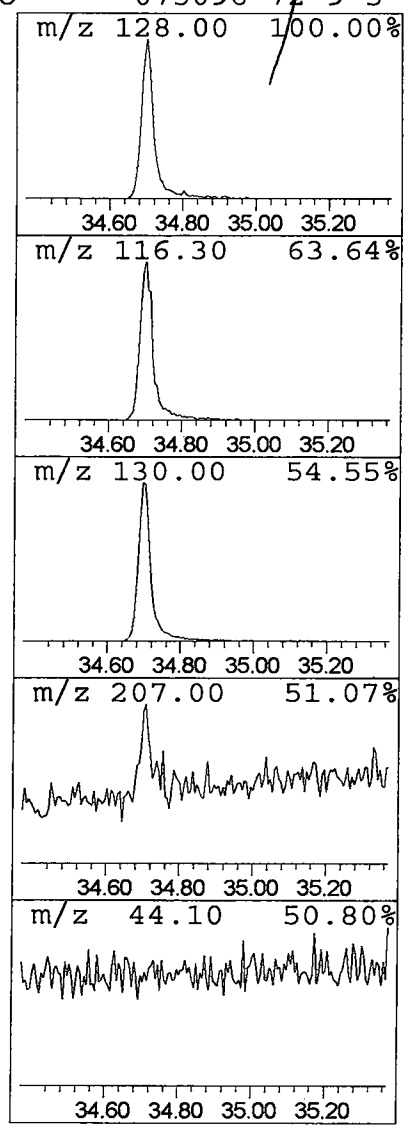
**********

Peak Number 8 1H,3H-Pyrrolo[1,2-c][1,3,2]... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 34.87 | 0.26 ug/L | 182161 | Perylene-d12 | 34.70 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H,3H-Pyrrolo[1,2-c][1,3,2]oxaza... | 207 | C11H14NOP | 111002-64-3 | 9 |
| 2 | 4-Fluorothiophenol | 128 | C6H5FS | 000371-42-6 | 7 |
| 3 | 1,2-Benzenediol, 3-fluoro- | 128 | C6H5FO2 | 000363-52-0 | 5 |
| 4 | 2,5-Diphenyl-3(H)-pyrrol-3-one, ... | 262 | C17H14N2O | 075096-72-9 | 5 |



# Tentatively Identified Compound (LSC) summary

Operator ID: Mclean  Date Acquired: 20 May 2002  6:59 pm
Data File: C:\MSDCHEM\1\DATA\052002\11418.D
Name: 5/16 eh
Misc:
Method: C:\MSDCHEM\1\METHODS\050102.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 |
|---|---|---|---|---|---|---|---|---|
| Ethyl Chloride | 3.72 | 0.6 | ug/L | 445606 | 1 | 9.93 | 31855500 | 40.0 |
| Methylene Chloride | 3.86 | 0.2 | ug/L | 161455 | 1 | 9.93 | 31855500 | 40.0 |
| 2-Pentanone, 4-hy... | 5.97 | 16.0 | ug/L | 12720000 | 1 | 9.93 | 31855500 | 40.0 |
| 3-Pyrrolidinol | 7.73 | 0.3 | ug/L | 227341 | 1 | 9.93 | 31855500 | 40.0 |
| Phenanthrene, 9-m... | 22.58 | 0.3 | ug/L | 300571 | 4 | 22.95 | 45350200 | 40.0 |
| Phenanthrene-d10 | 23.11 | 0.4 | ug/L | 461879 | 4 | 22.95 | 45350200 | 40.0 |
| 1,9,12-Trioxa-4,6... | 30.96 | 0.4 | ug/L | 387949 | 5 | 30.81 | 37951400 | 40.0 |
| 1H,3H-Pyrrolo[1,2... | 34.87 | 0.3 | ug/L | 182161 | 6 | 34.70 | 27977100 | 40.0 |