User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/16/2002 Time: 15:21:14

Sample: AE08487
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/16/02 15:20 Ended: 5/16/02 15:20 Analyst: DLV
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | Other unknown compounds | | . | | |
| 2 | Surr_2,4-DDD | | 80 | | 10.0 |

**Comments for Sample AE08487 - Analysis $GCMS**

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-16-2002 Time: 15:21:35

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Data File : C:\HPCHEM\1\DATA\MAY0902\8487.D Vial: 12
Acq On : 10 May 2002 1:12 am Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 10 13:54 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

re-extraction

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 12.19 | 152 | 492286 | 40.00 | ug/l | 0.00 |
| 10) Naphthalene-d8 | 15.83 | 136 | 1797004 | 40.00 | ug/l | 0.00 |
| 17) Acenaphthene-d10 | 21.13 | 164 | 978758 | 40.00 | ug/l | 0.00 |
| 30) Phenanthrene-d10 | 25.58 | 188 | 1371903 | 40.00 | ug/l | 0.00 |
| 38) Chrysene-d12 | 33.63 | 240 | 848765 | 40.00 | ug/l | 0.00 |
| 44) Perylene-d12 | 37.87 | 264 | 536281 | 40.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 28) TCMX | 23.28 | 209 | 156013 | 32.05 | ug/L | 0.00 |
| Spiked Amount 40.000 | | | Recovery = 80.12% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) N-nitrosodimethylamine | 0.00 | 74 | 0 | N.D. | | |
| 3) bis(2-Chloroethyl)ether | 0.00 | 93 | 0 | N.D. | | |
| 4) 1,3-Dichlorobenzene | 0.00 | 146 | 0 | N.D. | | |
| 5) 1,4-Dichlorobenzene | 0.00 | 146 | 0 | N.D. | | |
| 6) 1,2-Dichlorobenzene | 0.00 | 146 | 0 | N.D. | | |
| 7) 2,2'-oxybis(1-Chloropropan | 0.00 | 45 | 0 | N.D. | | |
| 8) N-Nitrosodi-n-propylamine | 0.00 | 70 | 0 | N.D. | | |
| 9) Hexachloroethane | 0.00 | 117 | 0 | N.D. | | |
| 11) Nitrobenzene | 0.00 | 77 | 0 | N.D. | | |
| 12) Isophorone | 0.00 | 82 | 0 | N.D. | | |
| 13) bis(2-Chloroethoxy)methane | 0.00 | 93 | 0 | N.D. | | |
| 14) 1,2,4-Trichlorobenzene | 0.00 | 180 | 0 | N.D. | | |
| 15) Naphthalene | 15.88 | 128 | 194 | N.D. | | |
| 16) Hexachlorobutadiene | 0.00 | 225 | 0 | N.D. | | |
| 18) Hexachlorocyclopentadiene | 0.00 | 237 | 0 | N.D. | | |
| 19) 2-Chloronaphthalene | 0.00 | 162 | 0 | N.D. | | |
| 20) Dimethylphthalate | 0.00 | 163 | 0 | N.D. | | |
| 21) 2,6-Dinitrotoluene | 0.00 | 165 | 0 | N.D. | | |
| 22) Acenaphthylene | 0.00 | 152 | 0 | N.D. | | |
| 23) Acenaphthene | 0.00 | 153 | 0 | N.D. | | |
| 24) 2,4-Dinitrotoluene | 0.00 | 165 | 0 | N.D. | | |
| 25) Diethylphthalate | 22.62 | 149 | 495 | N.D. | | |
| 26) 4-Chlorophenylphenylether | 0.00 | 204 | 0 | N.D. | | |
| 27) Fluorene | 0.00 | 166 | 0 | N.D. | | |
| 29) Azobenzene | 0.00 | 77 | 0 | N.D. | | |
| 31) N-Nitrosodiphenylamine | 23.28 | 168 | 375 | N.D. | | |
| 32) 4-Bromophenylphenylether | 0.00 | 248 | 0 | N.D. | | |
| 33) Hexachlorobenzene | 0.00 | 284 | 0 | N.D. | | |
| 34) Phenanthrene | 25.57 | 178 | 369 | N.D. | | |

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

Data File : C:\HPCHEM\1\DATA\MAY0902\8487.D Vial: 12
Acq On : 10 May 2002 1:12 am Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 10 13:54 2002 Quant Results File: GCMS0510.RES

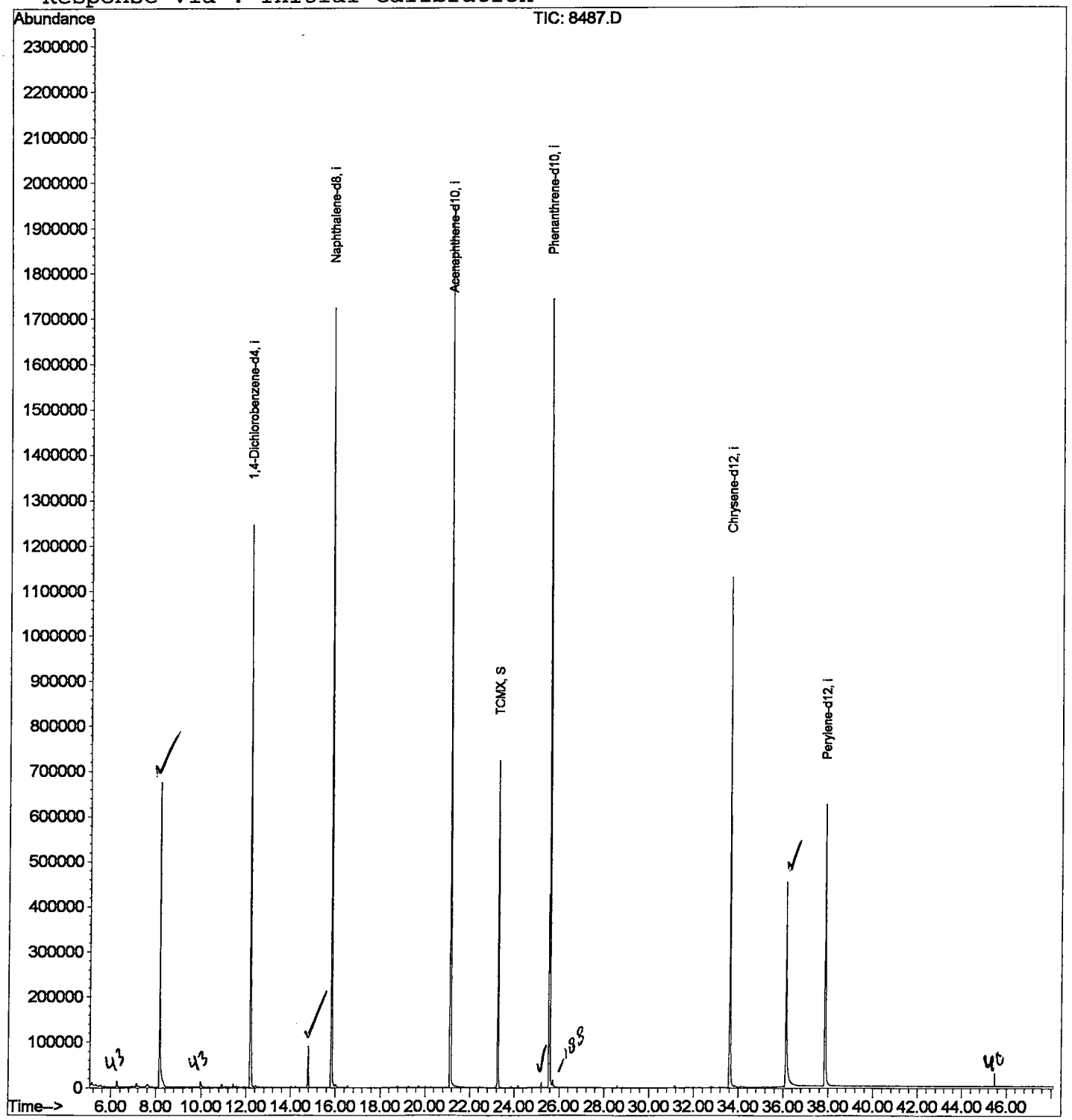
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

| Compound | R.T. | QIon | Response | Conc Unit | Qvalue |
|---|---|---|---|---|---|
| 35) Anthracene | 25.57 | 178 | 369 | N.D. | |
| 36) Di-n-butylphthalate | 27.55 | 149 | 2820 | N.D. | |
| 37) Fluoranthene | 0.00 | 202 | 0 | N.D. | |
| 39) Pyrene | 0.00 | 202 | 0 | N.D. | |
| 40) Butylbenzylphthalate | 0.00 | 149 | 0 | N.D. | |
| 41) Benzo(a)anthracene | 33.63 | 228 | 2013 | N.D. | |
| 42) Bis(2-ethylhexyl)phthalate | 33.85 | 149 | 939 | N.D. | |
| 43) Chrysene | 33.63 | 228 | 2013 | N.D. | |
| 45) Di-n-Octylphthalate | 0.00 | 149 | 0 | N.D. | |
| 46) Benzo(b)fluoranthene | 0.00 | 252 | 0 | N.D. | |
| 47) Benzo(k)fluoranthene | 0.00 | 252 | 0 | N.D. | |
| 48) Benzo(a)pyrene | 37.86 | 252 | 1908 | N.D. | |
| 49) Indeno(1,2,3-cd)pyrene | 0.00 | 276 | 0 | N.D. | |
| 50) Dibenz(a,h)anthracene | 0.00 | 278 | 0 | N.D. | |
| 51) Benzo(g,h,i)perylene | 0.00 | 276 | 0 | N.D. | |

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

Data File : C:\HPCHEM\1\DATA\MAY0902\8487.D Vial: 12
Acq On : 10 May 2002 1:12 am Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 10 13:54 2002 Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\MAY0902\8487.D Vial: 12
Acq On : 10 May 2002 1:12 am Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Signal : TIC

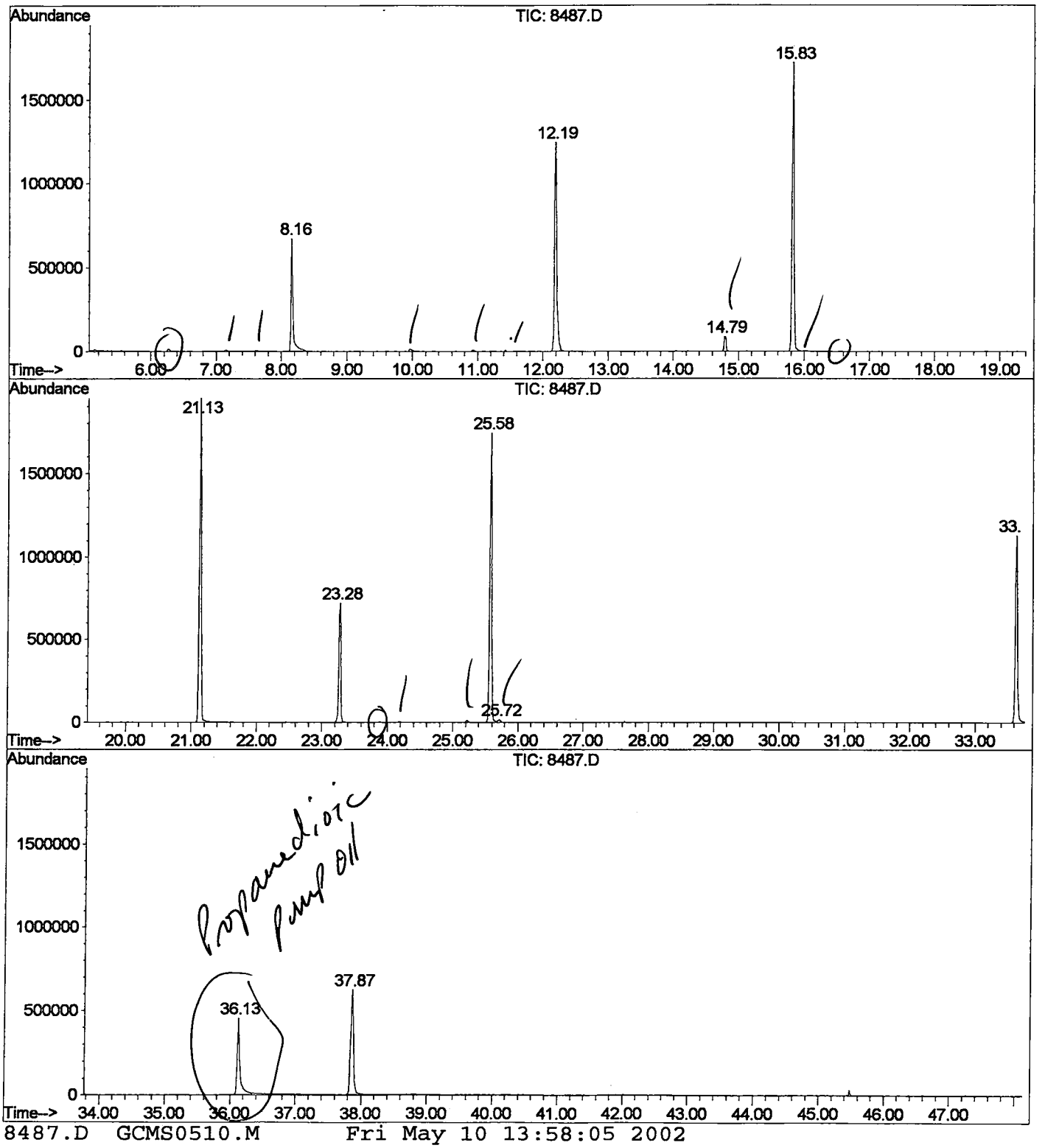
| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 8.158 | 336 | 340 | 370 | rVB | 672292 | 1431935 | 36.58% | 6.320% |
| 2 | 12.190 | 775 | 780 | 796 | rVB | 1243879 | 2779995 | 71.01% | 12.270% |
| 3 | 14.793 | 1059 | 1064 | 1070 | rVB | 89794 | 174747 | 4.46% | 0.771% |
| 4 | 15.828 | 1171 | 1177 | 1190 | rBV | 1722478 | 3515573 | 89.80% | 15.517% |
| 5 | 21.134 | 1749 | 1756 | 1769 | rBV | 1949288 | 3914890 | 100.00% | 17.279% |
| 6 | 23.278 | 1981 | 1990 | 1999 | rBV | 723213 | 1490491 | 38.07% | 6.579% |
| 7 | 25.578 | 2234 | 2241 | 2252 | rBV2 | 1741093 | 3638784 | 92.95% | 16.060% |
| 8 | 25.716 | 2252 | 2256 | 2267 | rVB | 15096 | 40438 | 1.03% | 0.178% |
| 9 | 33.633 | 3114 | 3120 | 3139 | rBV2 | 1127345 | 2522040 | 64.42% | 11.131% |
| 10 | 36.125 | 3385 | 3392 | 3415 | rBV | 451670 | 1282462 | 32.76% | 5.660% |
| 11 | 37.866 | 3574 | 3582 | 3605 | rBV2 | 621371 | 1865578 | 47.65% | 8.234% |

Sum of corrected areas: 22656933

8487.D GCMS0510.M Fri May 10 13:58:04 2002

# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0902\8487.D
Operator :
Acquired : 10 May 2002 1:12 am using AcqMethod GCMS0507
Instrument : 209
Sample Name: GC/MS SCAN 5/8
Misc Info :
Vial Number: 12
Quant File :GCMS0510.RES (RTE Integrator)




8487.D GCMS0510.M Fri May 10 13:58:05 2002

Data File : C:\HPCHEM\1\DATA\MAY0902\8487.D Vial: 12
Acq On : 10 May 2002 1:12 am Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

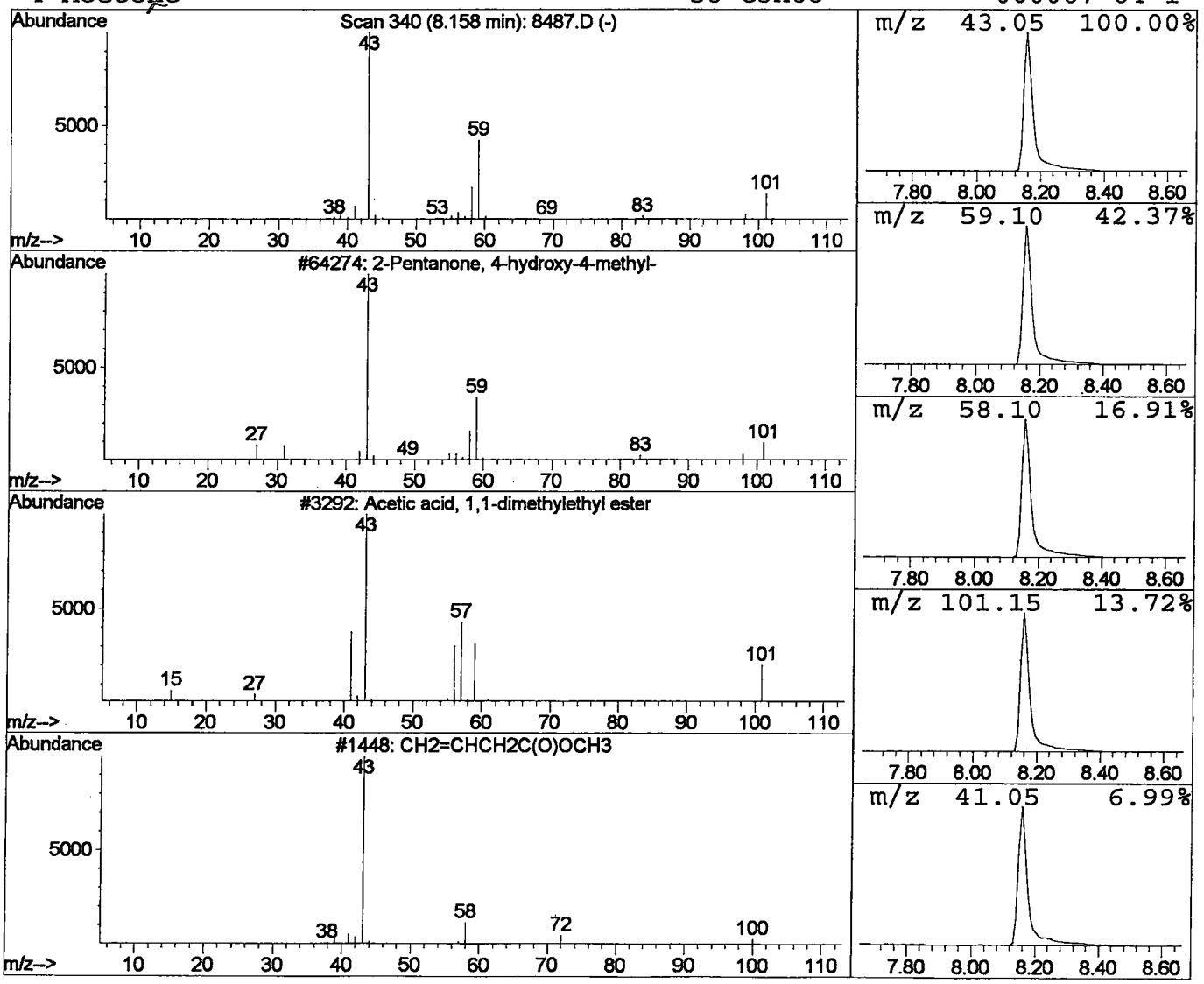
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.16 | 20.60 ug/l | 1431940 | 1,4-Dichlorobenzene-d4 | 12.19 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 64 |
| 2 | Acetic acid, 1,1-dimethylethyl este | 116 | C6H12O2 | 000540-88-5 | 9 |
| 3 | CH2=CHCH2C(O)OCH3 | 100 | C5H8O2 | 003724-55-8 | 8 |
| 4 | Acetone | 58 | C3H6O | 000067-64-1 | 7 |



Data File : C:\HPCHEM\1\DATA\MAY0902\8487.D Vial: 12
Acq On : 10 May 2002 1:12 am Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

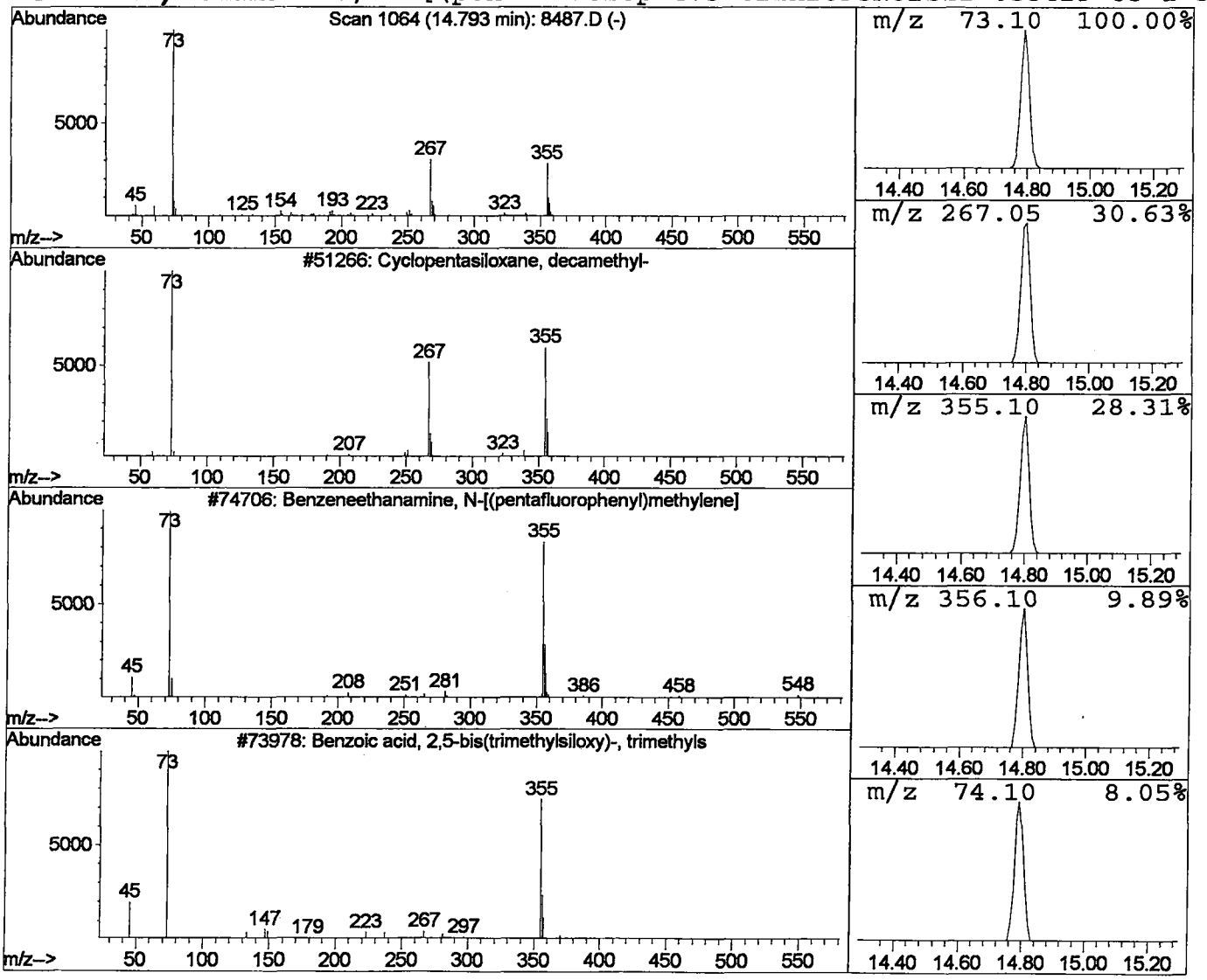
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.79 | 1.99 ug/l | 174747 | Naphthalene-d8 | 15.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentasiloxane, decamethyl- | 370 | C10H30O5Si5 | 000541-02-6 | 59 |
| 2 | Benzeneethanamine, N-[(pentafluorop | 563 | C24H34F5NO3Si3 | 055429-13-5 | 38 |
| 3 | Benzoic acid, 2,5-bis(trimethylsilo | 370 | C16H30O4Si3 | 003618-20-0 | 38 |
| 4 | Benzeneethanamine, N-[(pentafluorop | 475 | C21H26F5NO2Si2 | 055429-85-1 | 37 |



Data File : C:\HPCHEM\1\DATA\MAY0902\8487.D Vial: 12
Acq On : 10 May 2002 1:12 am Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

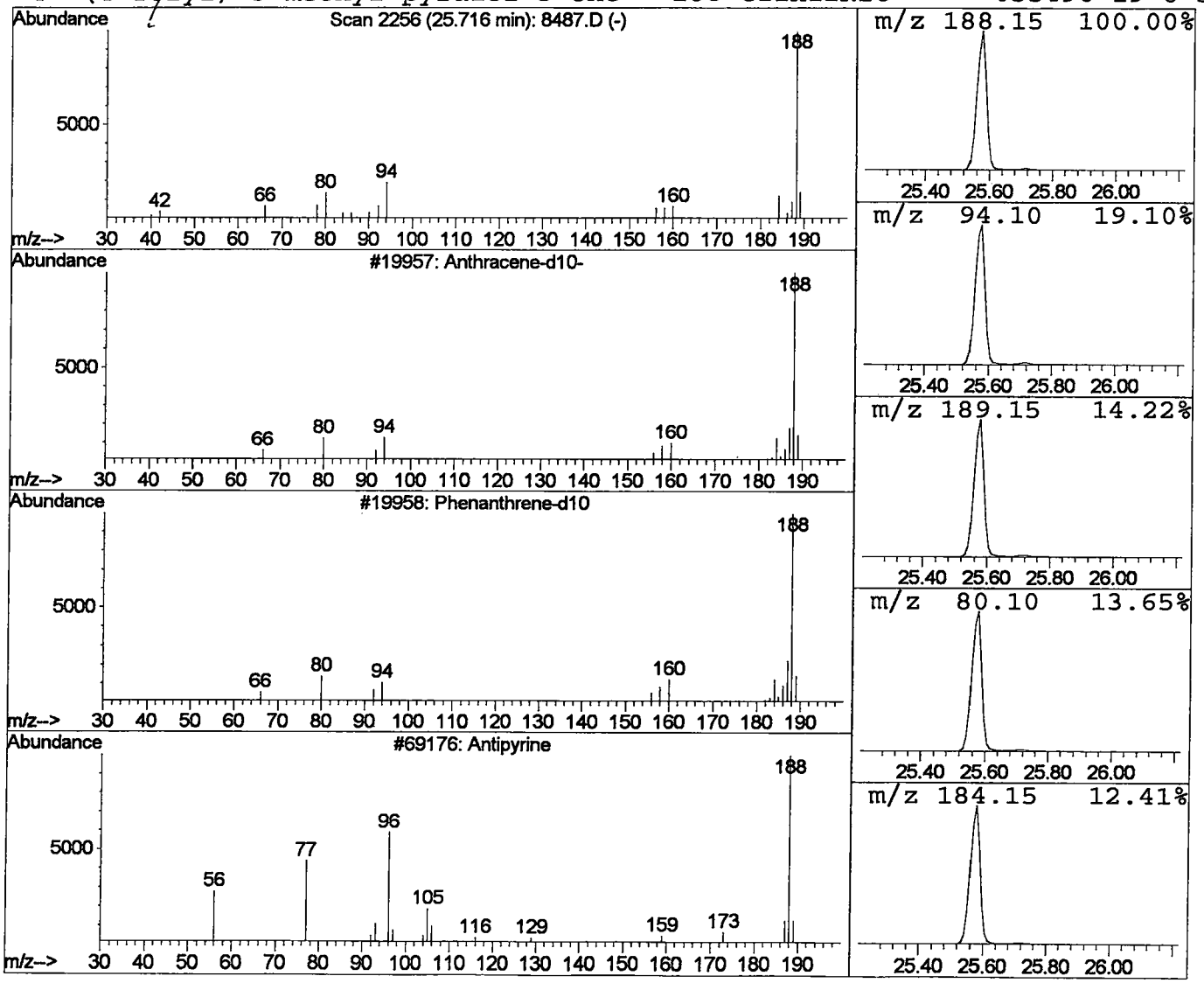
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 3 Anthracene-d10- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.72 | 0.44 ug/l | 40438 | Phenanthrene-d10 | 25.58 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene-d10- | 188 | C14D10 | 001719-06-8 | 83 |
| 2 | Phenanthrene-d10 | 188 | C14D10 | 001517-22-2 | 72 |
| 3 | Antipyrine | 188 | C11H12N2O | 000060-80-0 | 38 |
| 4 | -(4-Tolyl)-3-methyl-pyrazol-5-one | 188 | C11H12N2O | 035496-19-6 | 38 |



Data File : C:\HPCHEM\1\DATA\MAY0902\8487.D Vial: 12
Acq On : 10 May 2002 1:12 am Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

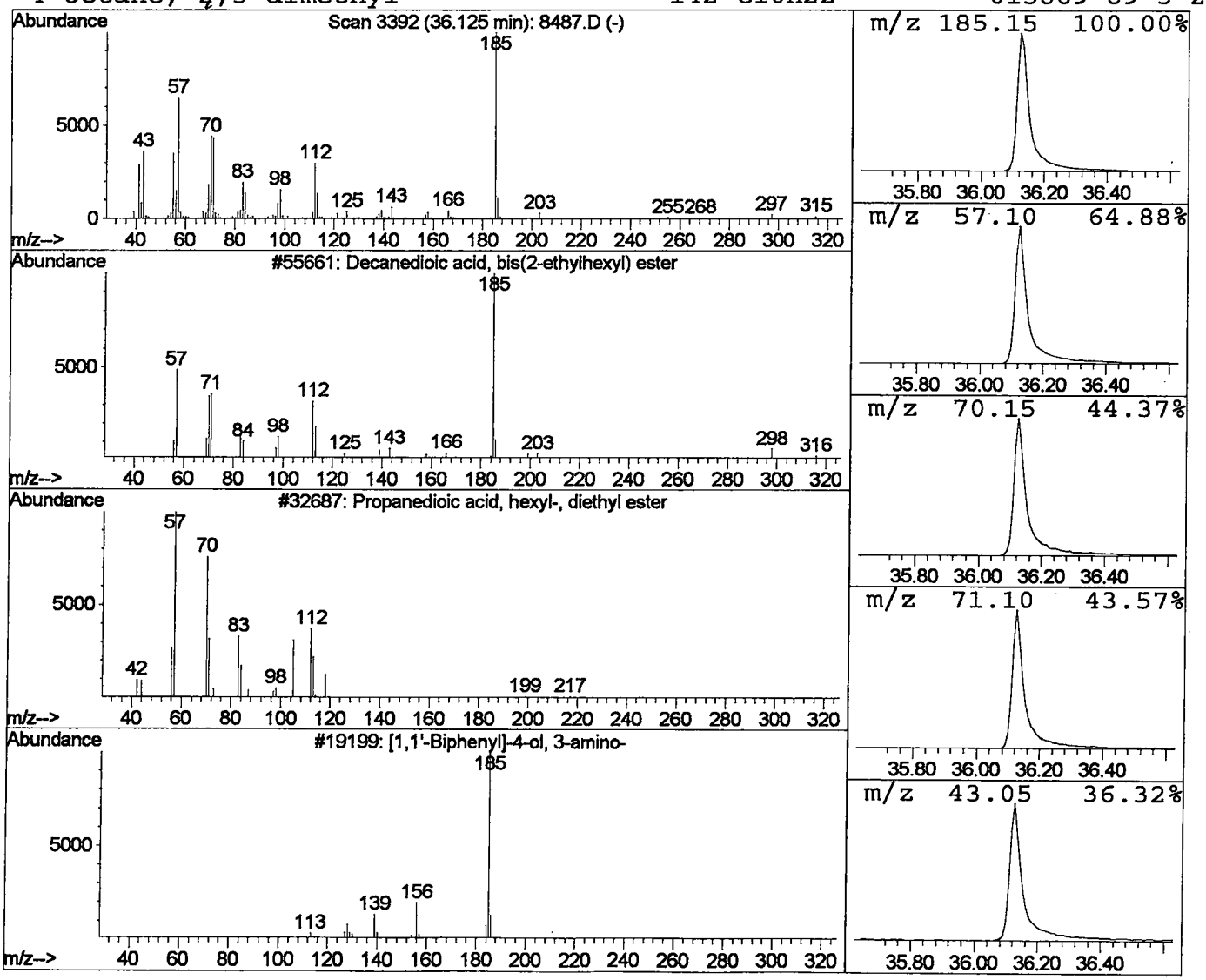
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 4 Decanedioic acid, bis(2-ethylh Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 36.13 | 27.50 ug/l | 1282460 | Perylene-d12 | 37.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decanedioic acid, bis(2-ethylhexyl) | 426 | C26H50O4 | 000122-62-3 | 68 |
| 2 | Propanedioic acid, hexyl-, diethyl | 244 | C13H24O4 | 005398-10-7 | 27 |
| 3 | [1,1'-Biphenyl]-4-ol, 3-amino- | 185 | C12H11NO | 001134-36-7 | 22 |
| 4 | Octane, 2,5-dimethyl- | 142 | C10H22 | 015869-89-3 | 22 |



# Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 10 May 2002 1:12 am
Data File: C:\HPCHEM\1\DATA\MAY0902\8487.D
Name: GC/MS SCAN 5/8
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

| TIC Top Hit name | RT | EstConc | Units | Area | IntStd | ISRT | ISArea | ISConc |
|---|---|---|---|---|---|---|---|---|
| 2-Pentanone, 4-hydro | 8.16 | 20.6 | ug/l | 1431940 | ISTD01 | 12.19 | 2780000 | 40.0 |
| Cyclopentasiloxane, | 14.79 | 2.0 | ug/l | 174747 | ISTD02 | 15.83 | 3515570 | 40.0 |
| Anthracene-d10- | 25.72 | 0.4 | ug/l | 40438 | ISTD04 | 25.58 | 3638780 | 40.0 |
| Decanedioic acid, bi | 36.13 | 27.5 | ug/l | 1282460 | ISTD06 | 37.87 | 1865580 | 40.0 |

8487.D GCMS0510.M Fri May 10 13:58:10 2002