User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/27/2002 Time: 15:52:24

Sample: AD31498
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/27/02 15:52 Ended: 2/27/02 15:52 Analyst: DLV
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | Other unknown compounds | | . | | |
| 2 | Surr_2,4-DDD | | 117 | | 5.0 |

**Comments for Sample AD31498 - Analysis $GCMS**

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-27-2002 Time: 15:52:46

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\31498.D Vial: 36
Acq On : 23 Feb 2002 1:38 am Operator:
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 27 11:41 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 12.33 | 152 | 241256 | 20.00 | ug/l | -0.02 |
| 10) Naphthalene-d8 | 15.98 | 136 | 921431 | 20.00 | ug/l | -0.02 |
| 17) Acenaphthene-d10 | 21.28 | 164 | 496122 | 20.00 | ug/l | -0.03 |
| 29) Phenanthrene-d10 | 25.73 | 188 | 680025 | 20.00 | ug/l | -0.03 |
| 38) Chrysene-d12 | 33.80 | 240 | 430172 | 20.00 | ug/l | -0.04 |
| 44) Perylene-d12 | 38.08 | 264 | 279754 | 20.00 | ug/l | -0.04 |
| **System Monitoring Compounds** | | | | | | |
| 37) 2,4-DDD | 30.81 | 235 | 41576 | 5.85 | ug/mL | 0.31 |
| Spiked Amount 5.000 | | | Recovery = 117.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) N-nitroso-dimethyl amine | 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-Nitroso-di-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 | 0.00 | 128 | 0 | 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 | 0.00 | 149 | 0 | N.D. | | |
| 26) 4-Chlorophenyl-phenylether | 0.00 | 204 | 0 | N.D. | | |
| 27) Fluorene | 0.00 | 166 | 0 | N.D. | | |
| 28) Azobenzen/ 1,2-Diphenylhyd | 0.00 | 77 | 0 | N.D. | | |

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

Quantitation Report (QT Reviewed)

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Acq On : 23 Feb 2002 1:38 am Operator:
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 27 11:41 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

| | Compound | R.T. | QIon | Response | Conc Unit | Qvalue |
|---|---|---|---|---|---|---|
| 30) | N-Nitrosodiphenylamine | 0.00 | 168 | 0 | 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 | 27.70 | 149 | 1776 | N.D. | |
| 36) | 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 | 33.80 | 228 | 899 | N.D. | |
| 42) | Bis(2-ethylhexyl)phthalate | 34.01 | 149 | 1182 | N.D. | |
| 43) | Chrysene | 33.80 | 228 | 899 | 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 | 38.08 | 252 | 1009 | 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. | |

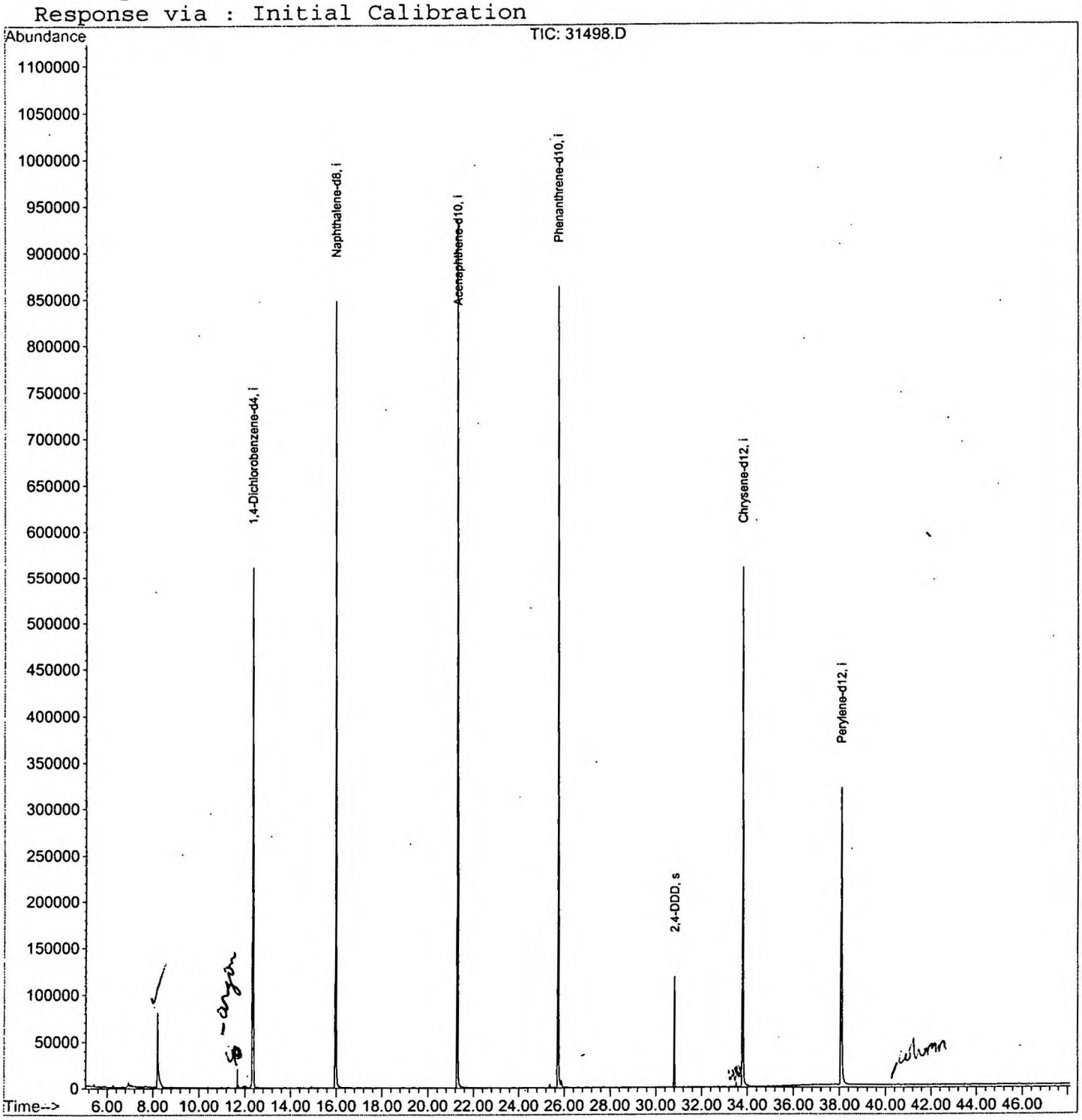
(#) = qualifier out of range (m) = manual integration

# Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB2102\31498.D
Acq On : 23 Feb 2002 1:38 am
Sample : gc/ms scan 2/21
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 27 11:41 2002

Vial: 36
Operator:
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration



# LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB2102\31498.D  Vial: 36
Acq On : 23 Feb 2002 1:38 am  Operator:
Sample : gc/ms scan 2/21  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.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

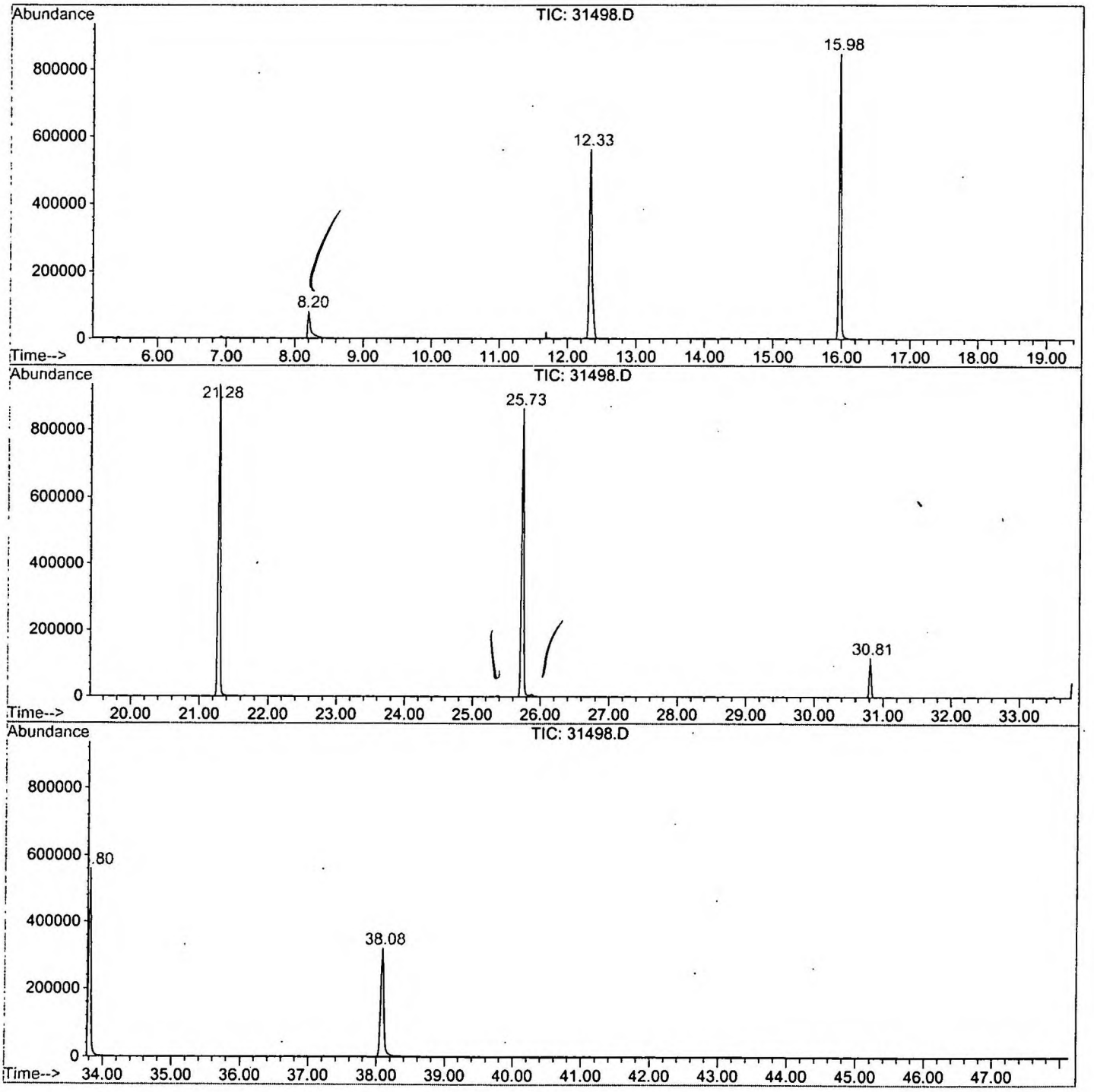
| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 8.200 | 340 | 344 | 369 | rBV | 79460 | 240860 | 12.15% | 2.459% |
| 2 | 12.332 | 789 | 794 | 811 | rVB | 560228 | 1401688 | 70.70% | 14.311% |
| 3 | 15.976 | 1185 | 1191 | 1207 | rBV | 847217 | 1812554 | 91.42% | 18.506% |
| 4 | 21.282 | 1763 | 1769 | 1783 | rBV | 935697 | 1982609 | 100.00% | 20.243% |
| 5 | 25.735 | 2247 | 2254 | 2266 | rBV2 | 862827 | 1823370 | 91.97% | 18.617% |
| 6 | 30.812 | 2802 | 2807 | 2812 | rVB | 118294 | 222403 | 11.22% | 2.271% |
| 7 | 33.804 | 3126 | 3133 | 3150 | rBV | 559797 | 1308311 | 65.99% | 13.358% |
| 8 | 38.082 | 3590 | 3599 | 3621 | rBV | 319509 | 1002461 | 50.56% | 10.235% |

Sum of corrected areas: 9794256

31498.D GCMS0208.M Wed Feb 27 11:59:25 2002

# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\31498.D
Operator :
Acquired : 23 Feb 2002 1:38 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/21
Misc Info :
Vial Number: 36
Quant File :GCMS0208.RES (RTE Integrator)




31498.D GCMS0208.M Wed Feb 27 11:59:31 2002

# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\31498.D
Acq On : 23 Feb 2002 1:38 am
Sample : gc/ms scan 2/21
Misc :
MS Integration Params: LSCINT.P

Vial: 36
Operator:
Inst : GC/MS 209
Multiplr: 1.00

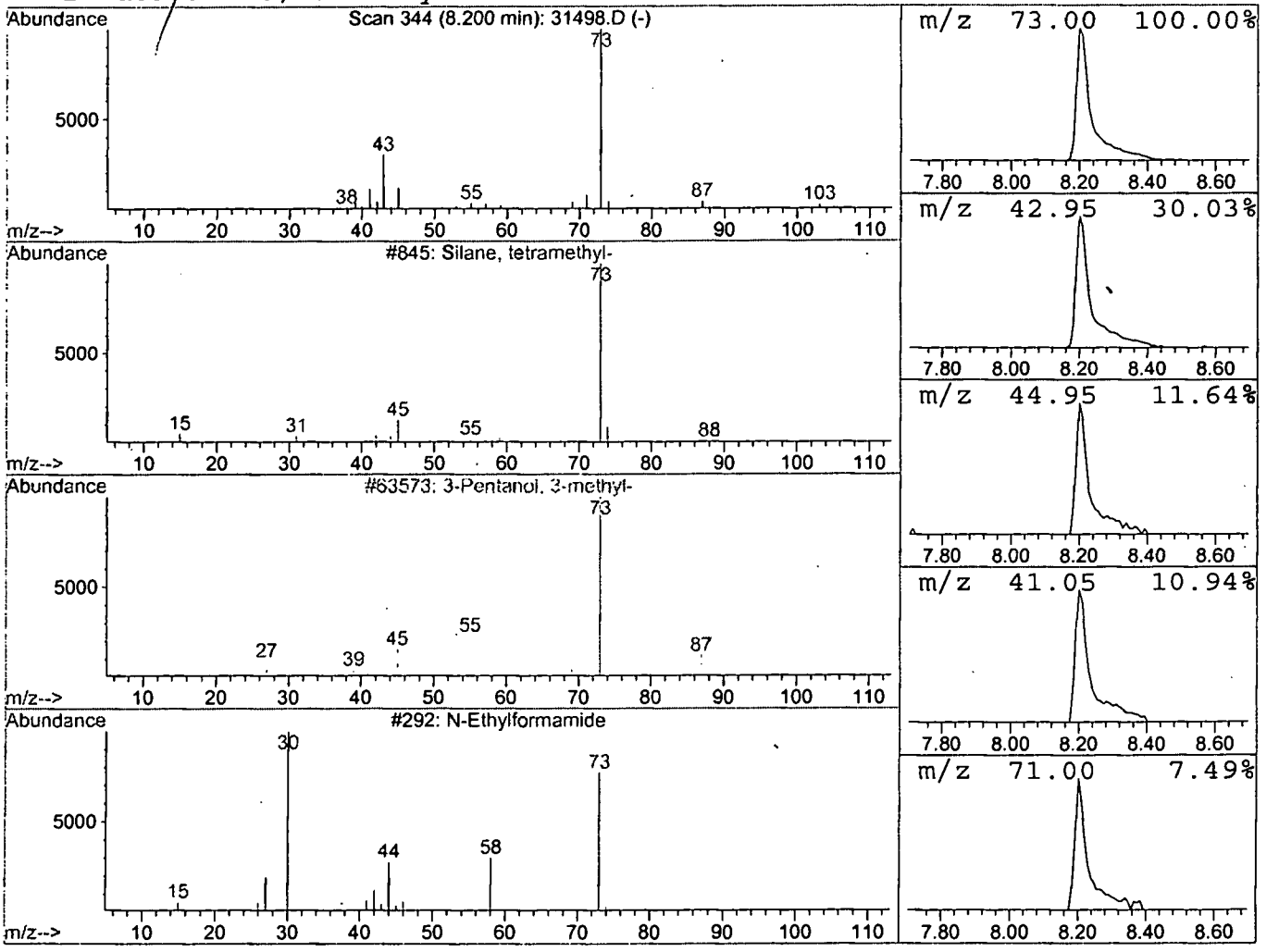
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.20 | 3.44 ug/l | 240860 | 1,4-Dichlorobenzene-d4 | 12.33 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 47 |
| 2 | 3-Pentanol, 3-methyl- | 102 | C6H14O | 000077-74-7 | 28 |
| 3 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 9 |
| 4 | 1-Butanamine, 3-methyl- | 87 | C5H13N | 000107-85-7 | 9 |



# Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Feb 2002 1:38 am
Data File: C:\HPCHEM\1\DATA\FEB2102\31498.D
Name: gc/ms scan 2/21
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.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 |
|---|---|---|---|---|---|---|---|---|
| Silane, tetramethyl- | 8.20 | 3.4 | ug/l | 240860 | ISTD01 | 12.33 | 1401690 | 20.0 |

31498.D GCMS0208.M Wed Feb 27 11:59:40 2002