User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/06/2002 Time: 10:31:51

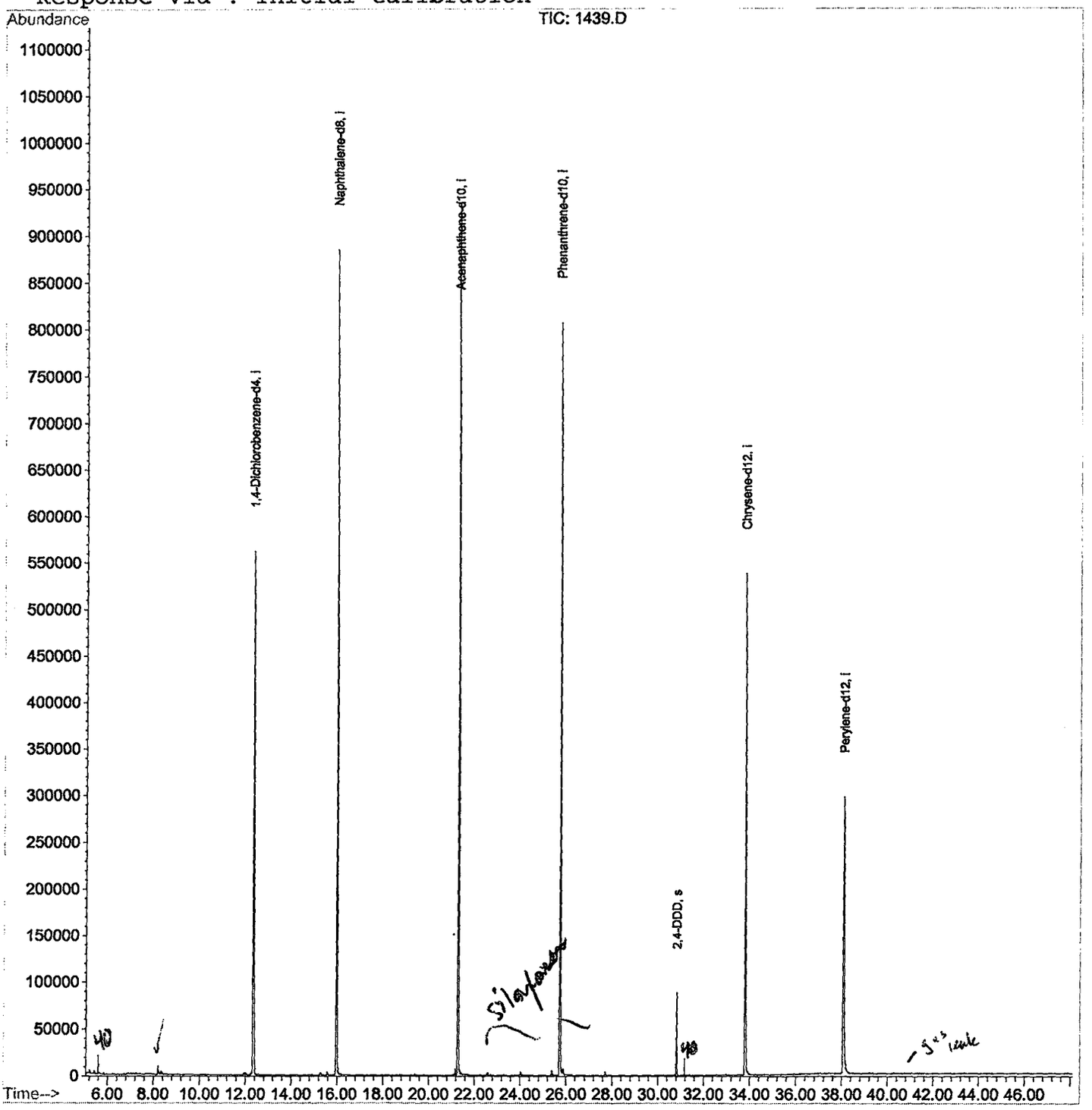
Sample: AE01439
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/6/02 10:31 Ended: 3/6/02 10:31 Analyst: DLV
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | Other unknown compounds | | . | | |
| 2 | Surr_2,4-DDD | | 86 | | 5.0 |

Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1439.D Vial: 11
Acq On : 21 Feb 2002 11:57 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 22 9:16 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1439.D  Vial: 11
Acq On : 21 Feb 2002 11:57 pm  Operator:
Sample : gc/ms scan 1/22  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 | 8.207 | 342 | 345 | 350 | rBV | 9274 | 19597 | 1.03% | 0.215% |
| 2 | 12.329 | 789 | 794 | 810 | rVB | 561119 | 1358002 | 71.17% | 14.901% |
| 3 | 15.973 | 1185 | 1191 | 1204 | rBV | 884031 | 1779317 | 93.25% | 19.524% |
| 4 | 21.289 | 1763 | 1770 | 1777 | rBV | 934935 | 1908122 | 100.00% | 20.937% |
| 5 | 25.732 | 2248 | 2254 | 2264 | rBV2 | 806606 | 1748489 | 91.63% | 19.186% |
| 6 | 30.809 | 2802 | 2807 | 2813 | rBV | 87844 | 167245 | 8.76% | 1.835% |
| 7 | 33.801 | 3125 | 3133 | 3150 | rBV2 | 537215 | 1220679 | 63.97% | 13.394% |
| 8 | 38.079 | 3592 | 3599 | 3620 | rBV | 295080 | 912113 | 47.80% | 10.008% |

Sum of corrected areas: 9113564

1439.D GCMS0208.M Fri Feb 22 09:33:11 2002

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\1439.D Vial: 11
Acq On : 21 Feb 2002 11:57 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 22 9:16 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 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 | 25.74 | 178 | 111 | N.D. | |
| 35) Di-n-butylphthalate | 27.70 | 149 | 5209 | 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 | 875 | N.D. | |
| 42) Bis(2-ethylhexyl)phthalate | 33.99 | 149 | 303 | N.D. | |
| 43) Chrysene | 33.80 | 228 | 875 | 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 | 38.09 | 252 | 969 | 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 (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\1439.D Vial: 11
Acq On : 21 Feb 2002 11:57 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 22 9:16 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 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 | 239413 | 20.00 | ug/l | -0.03 |
| 10) Naphthalene-d8 | 15.97 | 136 | 911535 | 20.00 | ug/l | -0.03 |
| 17) Acenaphthene-d10 | 21.29 | 164 | 482991 | 20.00 | ug/l | -0.03 |
| 29) Phenanthrene-d10 | 25.73 | 188 | 656175 | 20.00 | ug/l | -0.03 |
| 38) Chrysene-d12 | 33.80 | 240 | 405104 | 20.00 | ug/l | -0.04 |
| 44) Perylene-d12 | 38.08 | 264 | 262510 | 20.00 | ug/l | -0.04 |
| **System Monitoring Compounds** | | | | | | |
| 37) 2,4-DDD | 30.81 | 235 | 32684 | 4.31 | ug/mL | 0.31 |
| Spiked Amount 5.000 | | | Recovery = 86.20% | | | |
| **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 | 22.76 | 149 | 221 | 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

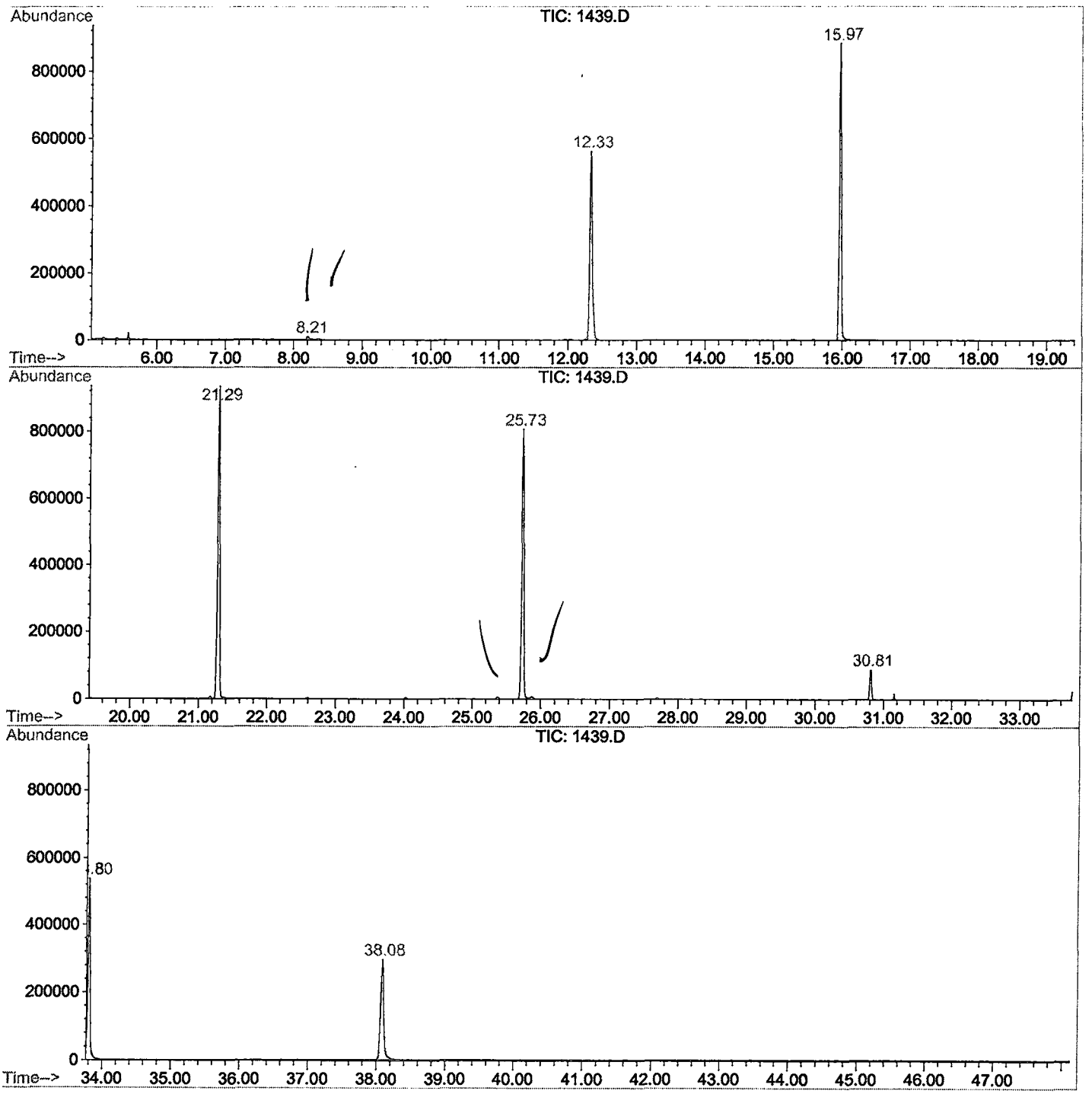
**Comments for Sample AE01439 - Analysis $GCMS**

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-06-2002 Time: 10:31:54

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

# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\1439.D
Operator :
Acquired : 21 Feb 2002 11:57 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/22
Misc Info :
Vial Number: 11
Quant File :GCMS0208.RES (RTE Integrator)




1439.D GCMS0208.M Fri Feb 22 09:33:17 2002

# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1439.D  Vial: 11
Acq On : 21 Feb 2002 11:57 pm  Operator:
Sample : gc/ms scan 1/22  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

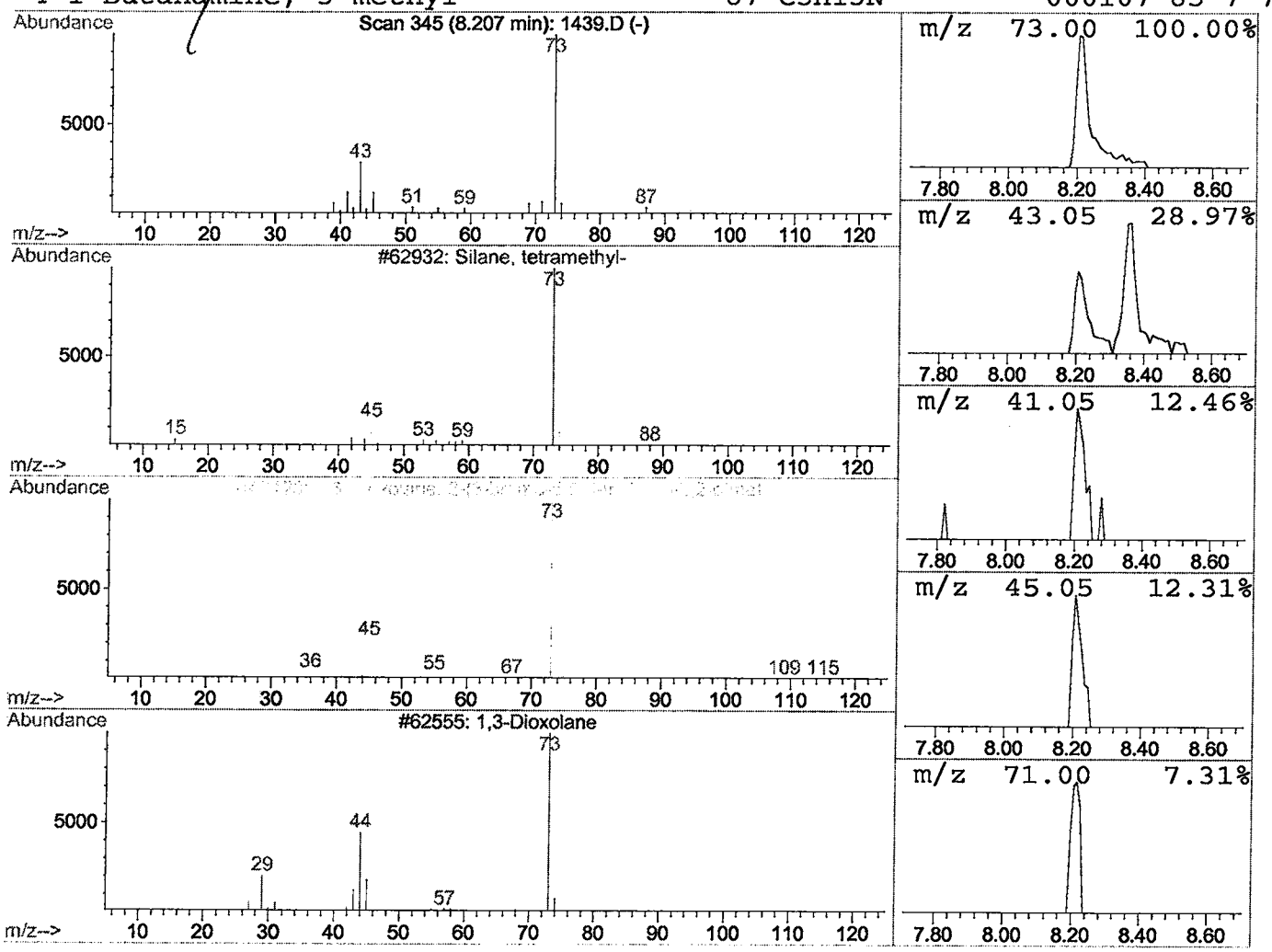
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.21 | 0.29 ug/l | 19597 | 1,4-Dichlorobenzene-d4 | 12.33 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 36 |
| 2 | 1,3-Dioxolane, 2-(3-bromo-5,5,5-tri | 352 | C10H16BrCl3O2 | 000000-00-0 | 9 |
| 3 | 1,3-Dioxolane | 74 | C3H6O2 | 000646-06-0 | 7 |
| 4 | 1-Butanamine, 3-methyl- | 87 | C5H13N | 000107-85-7 | 7 |



# Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 21 Feb 2002 11:57 pm
Data File: C:\HPCHEM\1\DATA\FEB2102\1439.D
Name: gc/ms scan 1/22
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- | 8.21 | 0.3 | ug/l | 19597 | ISTD01 | 12.33 | 1358000 | 20.0 |

1439.D GCMS0208.M Fri Feb 22 09:33:25 2002