Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1502\27288FB.D Vial: 21
Acq On : 16 Jan 2002 6:31 am Operator: 209 GALOS
Sample : gc/ms scan 12/26 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 4 14:41 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 11.50 | 152 | 647080 | 20.00 | ug/l | -0.20 |
| 10) Naphthalene-d8 | 15.09 | 136 | 2527855 | 20.00 | ug/l | -0.21 |
| 17) Acenaphthene-d10 | 20.35 | 164 | 1258394 | 20.00 | ug/l | -0.22 |
| 29) Phenanthrene-d10 | 24.77 | 188 | 1676867 | 20.00 | ug/l | -0.22 |
| 38) Chrysene-d12 | 32.79 | 240 | 948835 | 20.00 | ug/l | -0.24 |
| 44) Perylene-d12 | 36.86 | 264 | 626644 | 20.00 | ug/l | -0.26 |
| **System Monitoring Compounds** | | | | | | |
| 37) 2,4-DDD | 29.85 | 235 | 85807 | 4.65 | ug/mL | -0.22 |
| Spiked Amount 5.000 | | | Recovery = 93.00% | | | |
| **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 | 15.15 | 128 | 757 | 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 | 20.69 | 165 | 178 | 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 : 16 Jan 2002 6:31 am Operator: 209 GALOS
Sample : gc/ms scan 12/26 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 4 14:41 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

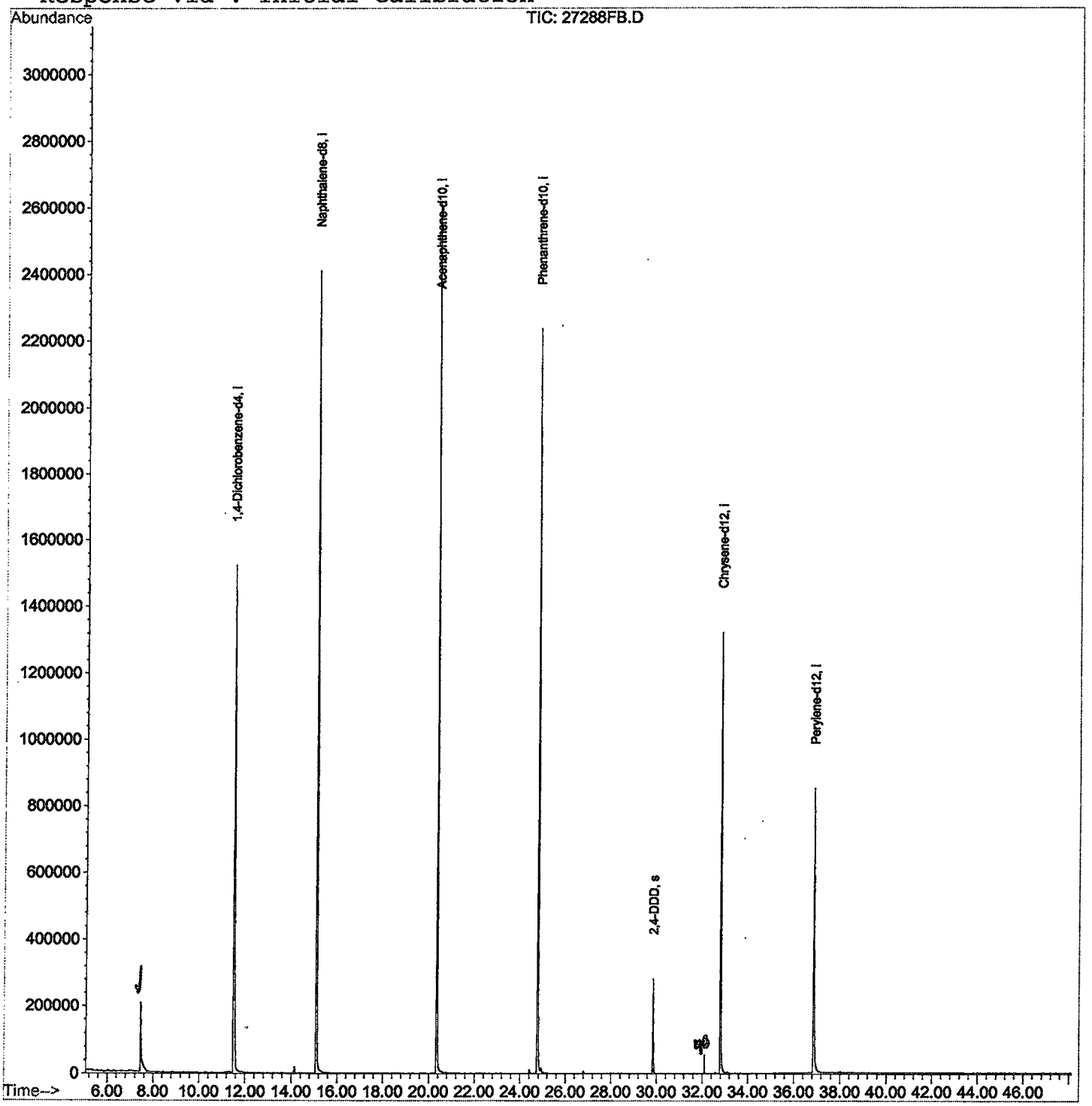
| | Compound | R.T. | QIon | Response | Conc Unit | Qvalue |
|---|---|---|---|---|---|---|
| 30) | N-Nitrosodiphenylamine | 0.00 | 168 | 0 | N.D. | |
| 31) | 4-Bromophenyl-phenylether | 0.00 | 248 | 0 | N.D. | |
| 32) | Hexachlorobenzene | 0.00 | 284 | 0 | N.D. | |
| 33) | Phenanthrene | 24.84 | 178 | 199 | N.D. | |
| 34) | Anthracene | 24.84 | 178 | 199 | N.D. | |
| 35) | Di-n-butylphthalate | 26.80 | 149 | 7650 | 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 | 32.79 | 228 | 2308 | N.D. | |
| 42) | Bis(2-ethylhexyl)phthalate | 33.11 | 149 | 2117 | N.D. | |
| 43) | Chrysene | 32.79 | 228 | 2308 | 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 | 36.86 | 252 | 2406 | 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\JAN1502\27288FB.D Vial: 21
Acq On : 16 Jan 2002 6:31 am Operator: 209 GALOS
Sample : gc/ms scan 12/26 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 4 14:41 2002 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration



# LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN1502\27288FB.D  Vial: 21
Acq On : 16 Jan 2002 6:31 am  Operator: 209 GALOS
Sample : gc/ms scan 12/26  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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

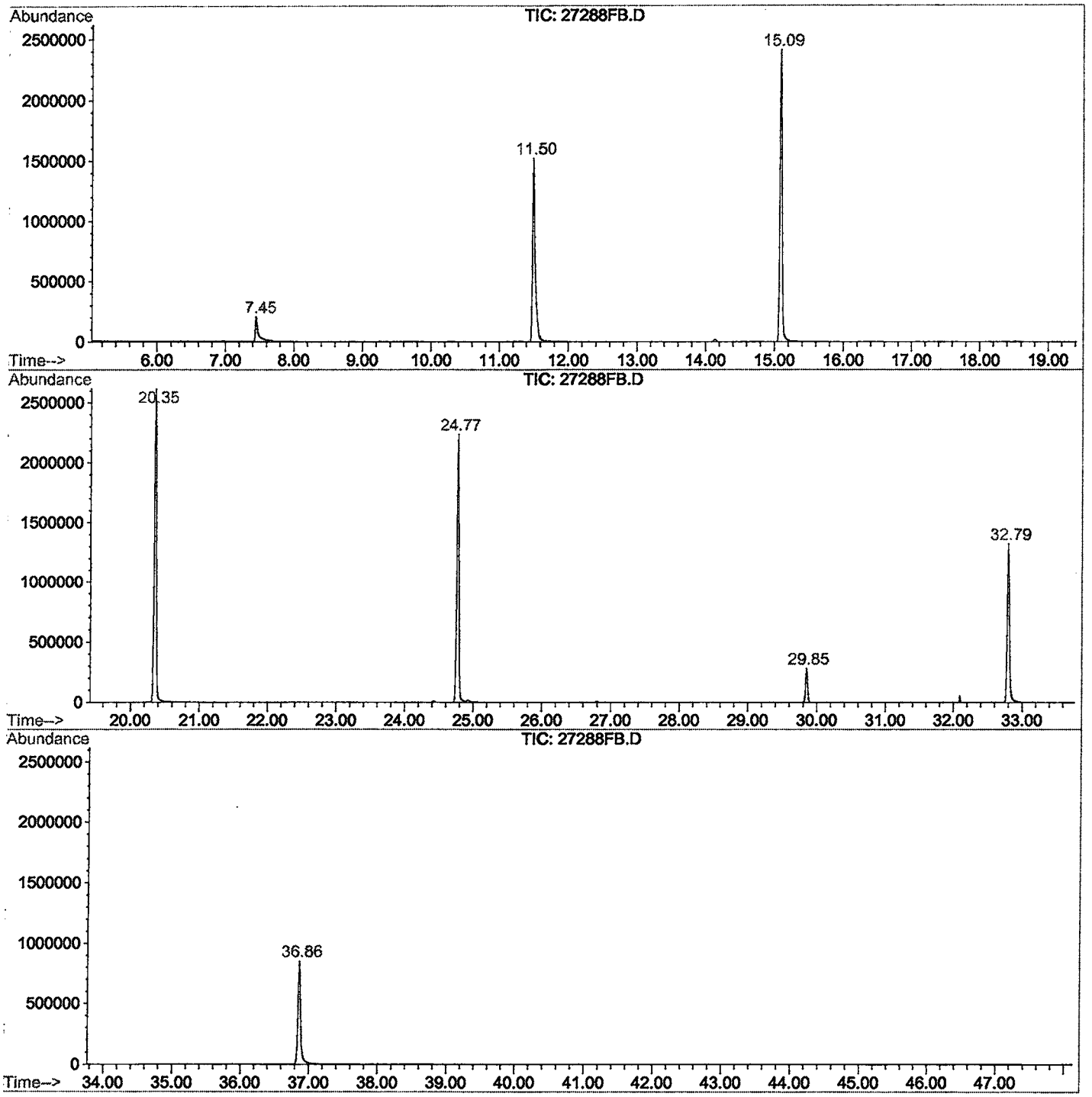
| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.447 | 258 | 262 | 283 | rBV | 204738 | 623248 | 11.68% | 2.404% |
| 2 | 11.496 | 698 | 703 | 725 | rBV | 1521305 | 4103232 | 76.88% | 15.826% |
| 3 | 15.094 | 1089 | 1095 | 1112 | rBV | 2409387 | 5203944 | 97.50% | 20.072% |
| 4 | 20.355 | 1662 | 1668 | 1684 | rBV | 2617746 | 5337196 | 100.00% | 20.586% |
| 5 | 24.771 | 2143 | 2149 | 2162 | rBV2 | 2236569 | 4749321 | 88.99% | 18.318% |
| 6 | 29.847 | 2697 | 2702 | 2708 | rBV | 281091 | 547818 | 10.26% | 2.113% |
| 7 | 32.794 | 3017 | 3023 | 3039 | rBV2 | 1321123 | 3041535 | 56.99% | 11.731% |
| 8 | 36.861 | 3460 | 3466 | 3489 | rBV | 849695 | 2320224 | 43.47% | 8.949% |

Sum of corrected areas: 25926518

27288FB.D GCMS1126.M Mon Feb 04 14:59:28 2002

# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1502\27288FB.D
Operator : 209 GALOS
Acquired : 16 Jan 2002 6:31 am using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/26
Misc Info :
Vial Number: 21
Quant File :GCMS1126.RES (RTE Integrator)




27288FB.D GCMS1126.M Mon Feb 04 14:59:34 2002

# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1502\27288FB.D
Acq On : 16 Jan 2002 6:31 am
Sample : gc/ms scan 12/26
Misc :
MS Integration Params: LSCINT.P

Vial: 21
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

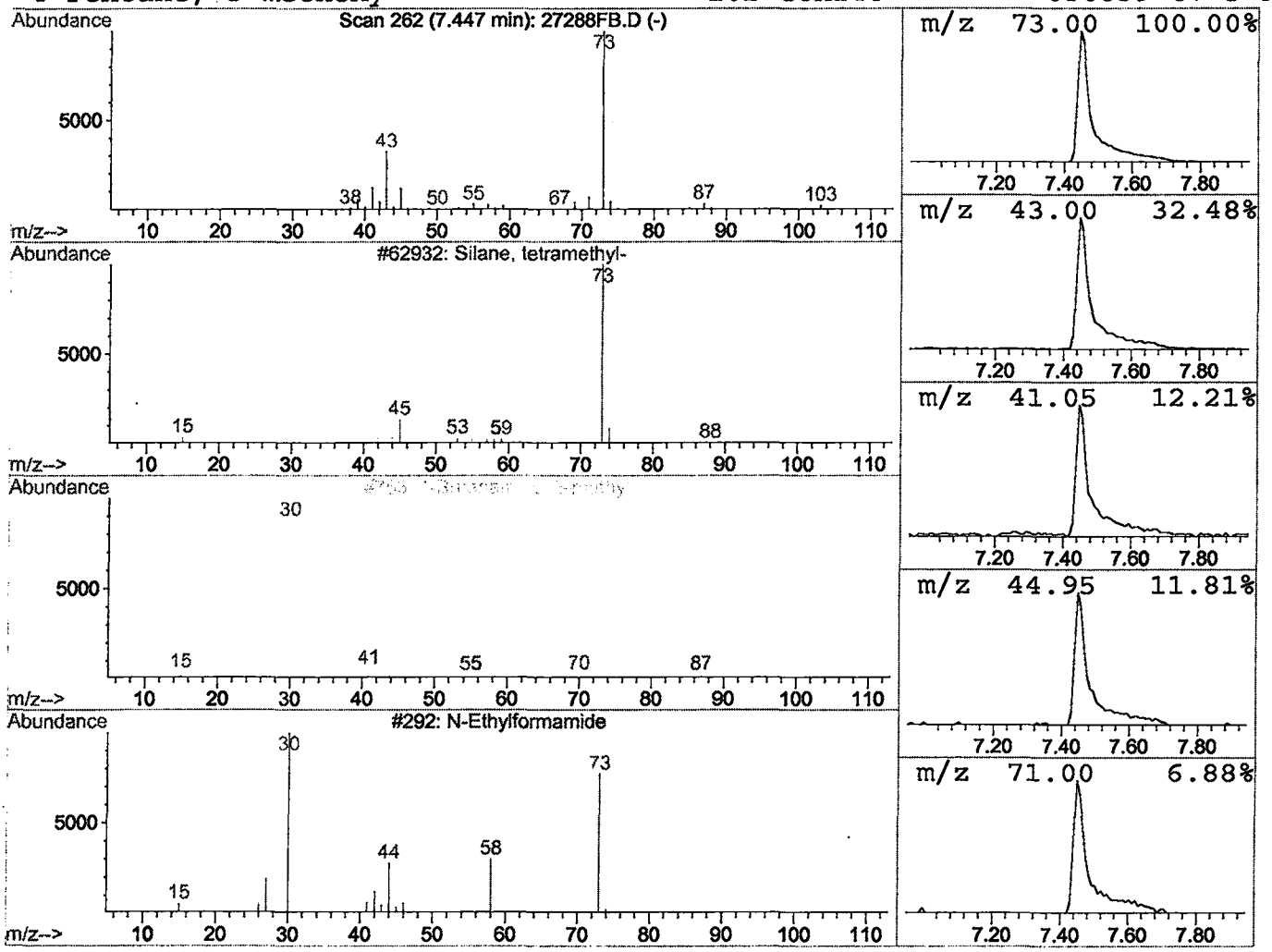
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.45 | 3.04 ug/l | 623248 | 1,4-Dichlorobenzene-d4 | 11.50 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 25 |
| 2 | 1-Butanamine, 3-methyl- | 87 | C5H13N | 000107-85-7 | 9 |
| 3 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 9 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 9 |



# Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Jan 2002 6:31 am
Data File: C:\HPCHEM\1\DATA\JAN1502\27288FB.D
Name: gc/ms scan 12/26
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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- | 7.45 | 3.0 | ug/l | 623248 | ISTD01 | 11.50 | 4103230 | 20.0 |

27288FB.D GCMS1126.M Mon Feb 04 14:59:43 2002

column peak