Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR0102\3283.D Vial: 43
Acq On : 3 Mar 2002 5:38 am Operator:
Sample : gc/ms scan 2/4 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 12:05 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

Clean to be re-run

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 12.31 | 152 | 756914 | 20.00 | ug/l | -0.04 |
| 10) Naphthalene-d8 | 15.96 | 136 | 2943233 | 20.00 | ug/l | -0.04 |
| 17) Acenaphthene-d10 | 21.28 | 164 | 1533159m | 20.00 | ug/l | -0.03 |
| 29) Phenanthrene-d10 | 25.73 | 188 | 2260600 | 20.00 | ug/l | -0.04 |
| 38) Chrysene-d12 | 33.80 | 240 | 1338274 | 20.00 | ug/l | -0.05 |
| 44) Perylene-d12 | 38.06 | 264 | 854858 | 20.00 | ug/l | -0.06 |
| **System Monitoring Compounds** | | | | | | |
| 37) 2,4-DDD | 30.79 | 235 | 57459 | 2.43 | ug/mL | 0.30 |
| Spiked Amount 5.000 | | | Recovery = 48.60% | | | |
| **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 | 21.65 | 165 | 466 | 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

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Quant Time: Mar 25 12:05 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 | 25.73 | 178 | 739 | N.D. | |
| 34) | Anthracene | 25.73 | 178 | 739 | N.D. | |
| 35) | Di-n-butylphthalate | 27.69 | 149 | 8398 | 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 | 3459 | N.D. | |
| 42) | Bis(2-ethylhexyl)phthalate | 33.99 | 149 | 7395 | N.D. | |
| 43) | Chrysene | 33.86 | 228 | 319 | 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 | 38.07 | 252 | 3225 | 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

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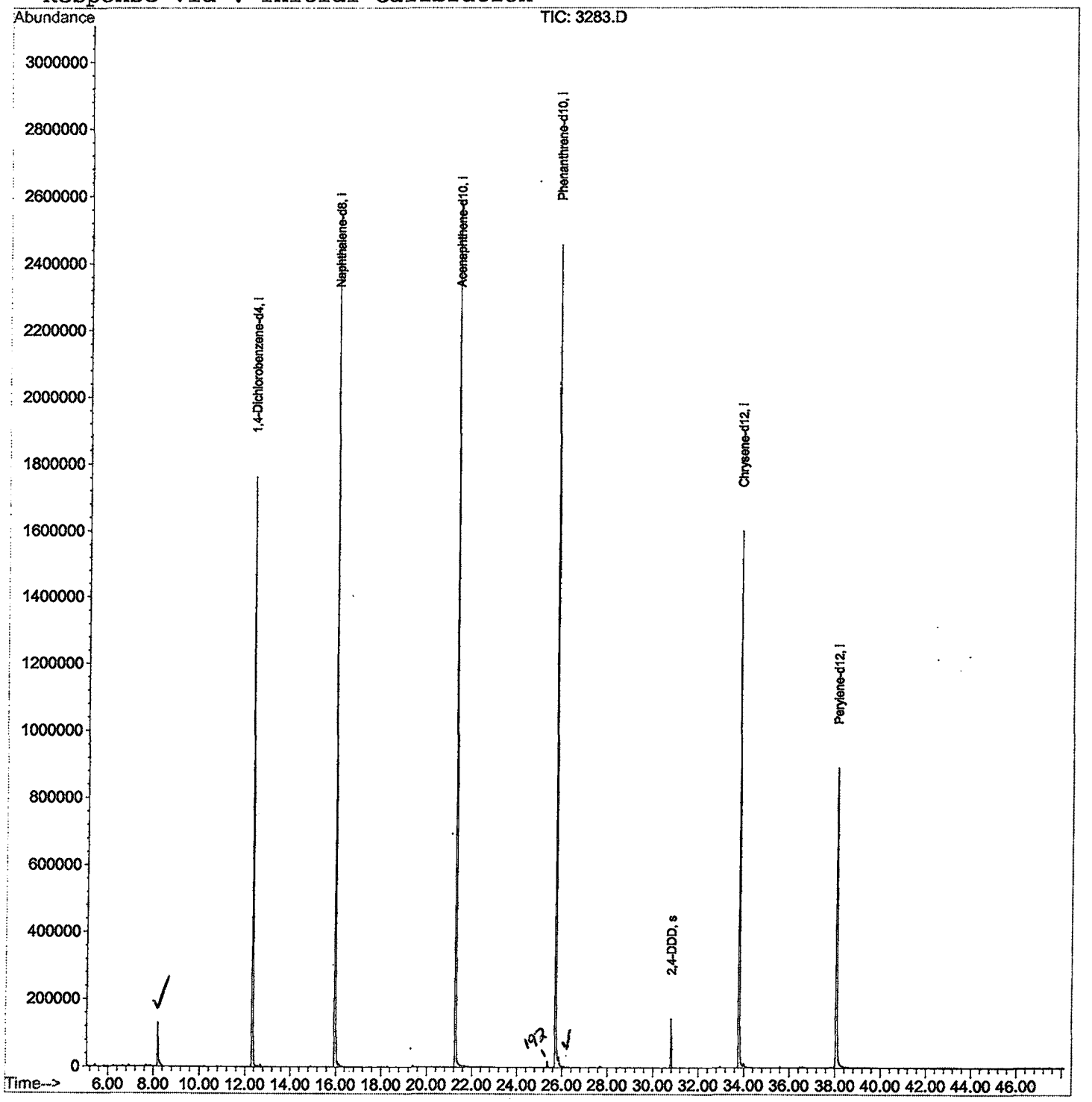
Acq On : 3 Mar 2002 5:38 am Operator:
Sample : gc/ms scan 2/4 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 12:05 2002 Quant Results File: GCMS0208.RES

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\MAR0102\3283.D  Vial: 43
Acq On : 3 Mar 2002 5:38 am  Operator:
Sample : gc/ms scan 2/4 fb  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

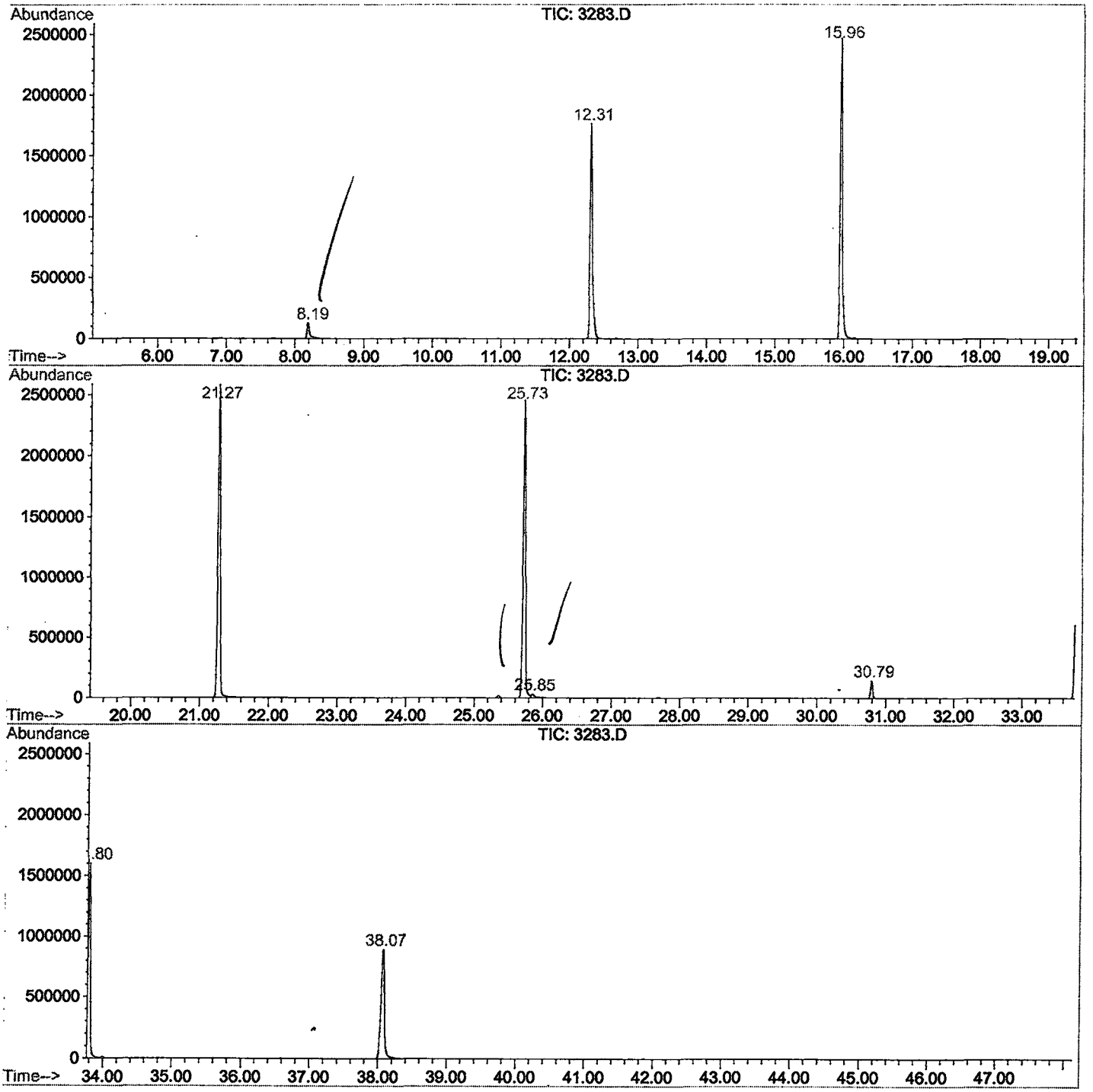
| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 8.191 | 338 | 343 | 361 | rBV | 128789 | 355044 | 5.85% | 1.195% |
| 2 | 12.313 | 786 | 792 | 808 | rBV | 1761547 | 4270282 | 70.38% | 14.378% |
| 3 | 15.958 | 1183 | 1189 | 1206 | rBV | 2466577 | 5691984 | 93.81% | 19.165% |
| 4 | 21.273 | 1761 | 1768 | 1786 | rBV | 2588188 | 6067582 | 100.00% | 20.430% |
| 5 | 25.726 | 2245 | 2253 | 2264 | rBV2 | 2457930 | 5907271 | 97.36% | 19.890% |
| 6 | 25.854 | 2264 | 2267 | 2281 | rVB | 29537 | 88902 | 1.47% | 0.299% |
| 7 | 30.793 | 2800 | 2805 | 2813 | rBV | 144980 | 294727 | 4.86% | 0.992% |
| 8 | 33.795 | 3124 | 3132 | 3149 | rBV2 | 1602143 | 4015402 | 66.18% | 13.520% |
| 9 | 38.073 | 3587 | 3598 | 3623 | rBV2 | 890283 | 3008285 | 49.58% | 10.129% |

Sum of corrected areas: 29699479

3283.D GCMS0208.M Mon Mar 25 12:18:55 2002

# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR0102\3283.D
Operator :
Acquired : 3 Mar 2002 5:38 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/4 fb
Misc Info :
Vial Number: 43
Quant File :GCMS0208.RES (RTE Integrator)




3283.D GCMS0208.M Mon Mar 25 12:19:00 2002

# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\3283.D  Vial: 43
Acq On : 3 Mar 2002 5:38 am  Operator:
Sample : gc/ms scan 2/4 fb  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

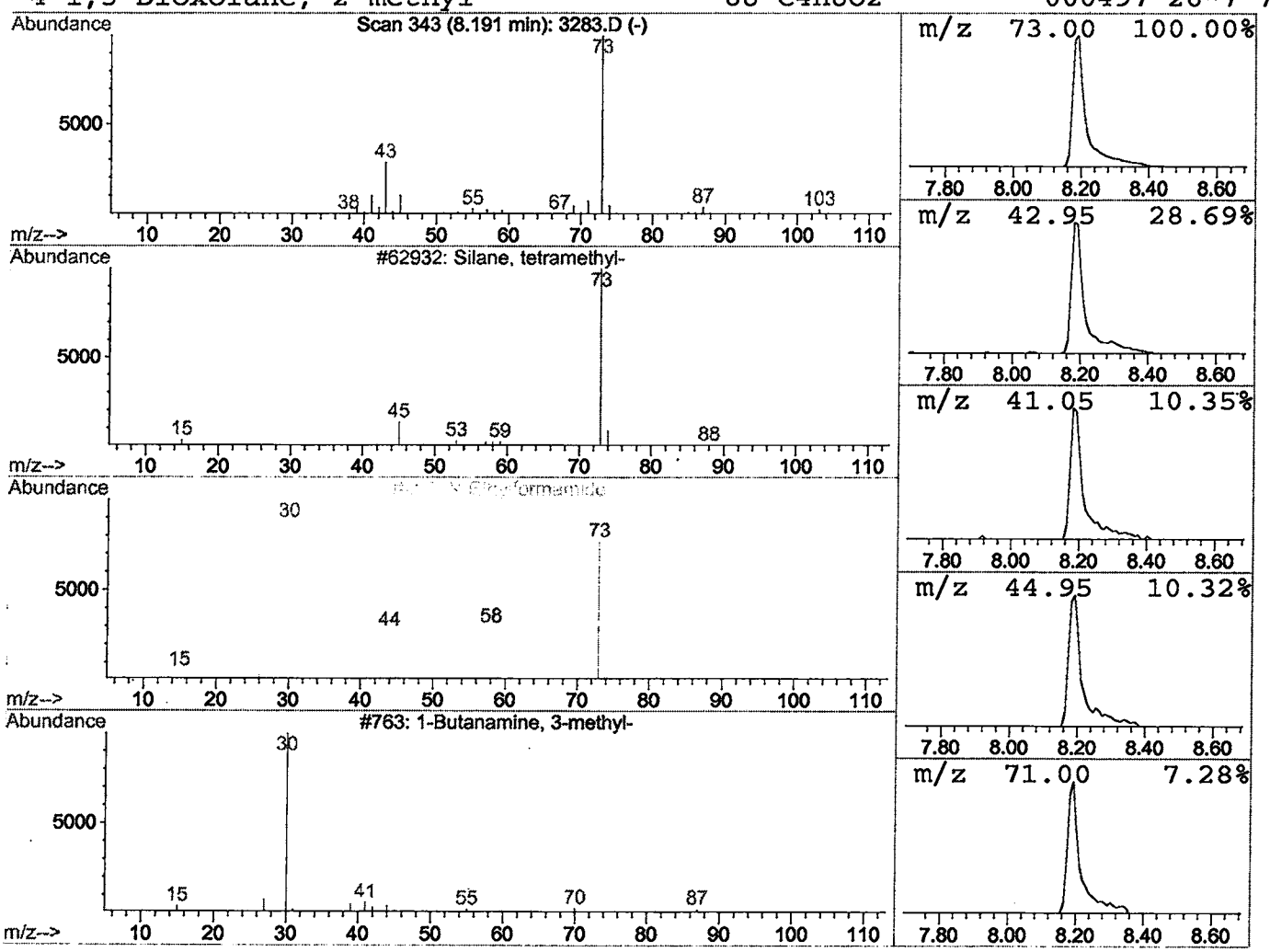
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.19 | 1.66 ug/l | 355044 | 1,4-Dichlorobenzene-d4 | 12.31 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 37 |
| 2 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 9 |
| 3 | 1-Butanamine, 3-methyl- | 87 | C5H13N | 000107-85-7 | 9 |
| 4 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 7 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\3283.D  Vial: 43
Acq On : 3 Mar 2002 5:38 am  Operator:
Sample : gc/ms scan 2/4 fb  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

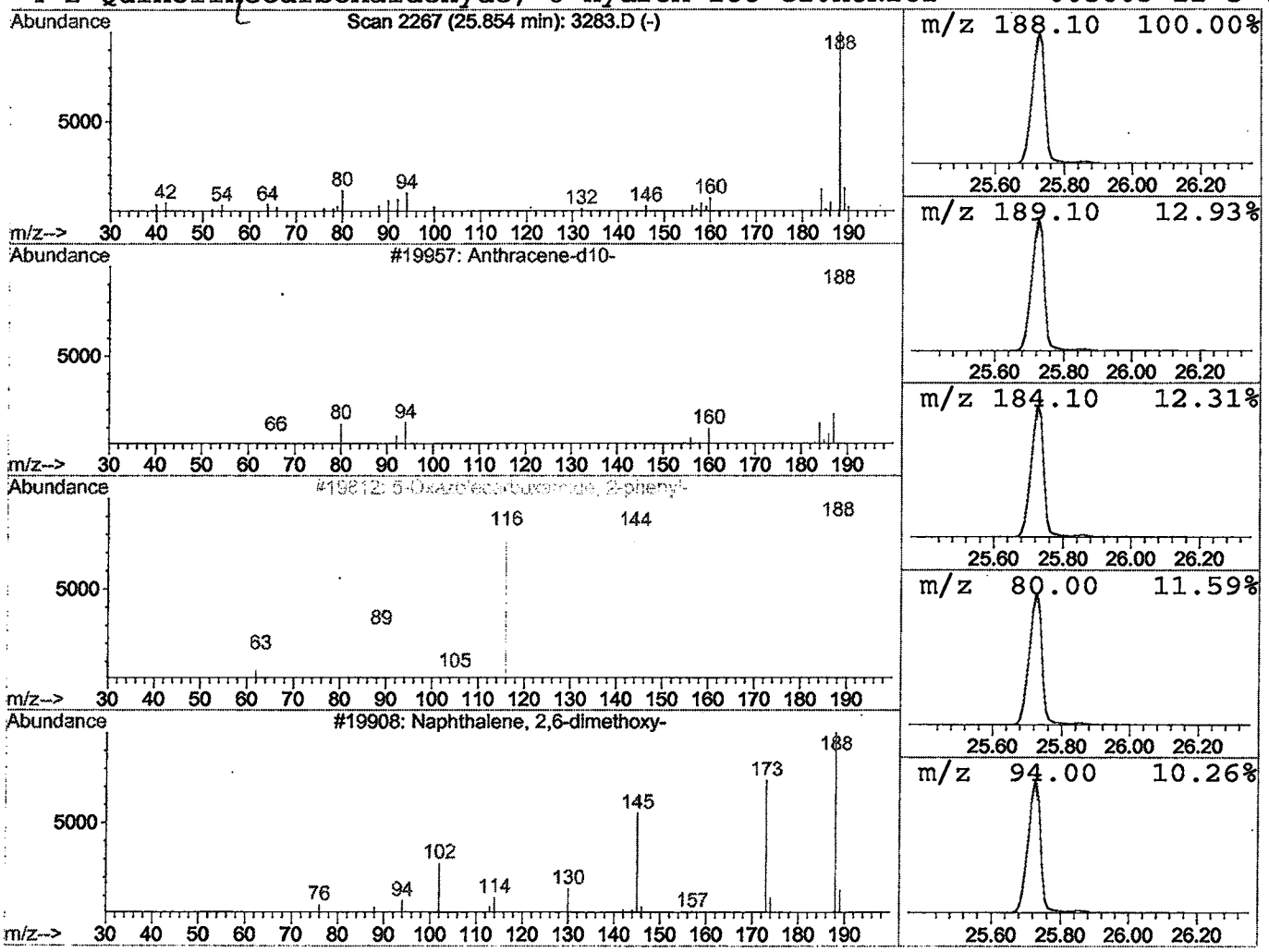
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 2 Anthracene-d10- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.85 | 0.30 ug/l | 88902 | Phenanthrene-d10 | 25.73 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene-d10- | 188 | C14D10 | 001719-06-8 | 91 |
| 2 | 5-Oxazolecarboxamide, 2-phenyl- | 188 | C10H8N2O2 | 039819-42-6 | 47 |
| 3 | Naphthalene, 2,6-dimethoxy- | 188 | C12H12O2 | 005486-55-5 | 42 |
| 4 | 2-Quinolinecarboxaldehyde, 8-hydrox | 188 | C10H8N2O2 | 005603-22-5 | 40 |



# Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 3 Mar 2002 5:38 am
Data File: C:\HPCHEM\1\DATA\MAR0102\3283.D
Name: gc/ms scan 2/4 fb
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- | 8.19 | 1.7 | ug/l | 355044 | ISTD01 | 12.31 | 4270280 | 20.0 |
| Anthracene-d10- | 25.85 | 0.3 | ug/l | 88902 | ISTD04 | 25.73 | 5907270 | 20.0 |

3283.D GCMS0208.M Mon Mar 25 12:19:13 2002