Data File : C:\HPCHEM\1\DATA\APR2302\8838.D Vial: 7
Acq On : 23 Apr 2002 8:17 pm Operator:
Sample : gc/ms scan 4/15 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 24 8:16 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Original to be kept

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 12.21 | 152 | 556961 | 20.00 | ug/l | -0.03 |
| 10) Naphthalene-d8 | 15.84 | 136 | 2033760 | 20.00 | ug/l | -0.03 |
| 17) Acenaphthene-d10 | 21.15 | 164 | 1155302 | 20.00 | ug/l | -0.02 |
| 30) Phenanthrene-d10 | 25.59 | 188 | 1707097 | 20.00 | ug/l | -0.02 |
| 39) Chrysene-d12 | 33.64 | 240 | 1065452 | 20.00 | ug/l | -0.03 |
| 45) Perylene-d12 | 37.88 | 264 | 645036 | 20.00 | ug/l | -0.04 |
| **System Monitoring Compounds** | | | | | | |
| 28) TCMX | 23.29 | 209 | 38850 | 6.71 | ug/L | -0.04 |
| Spiked Amount 10.000 | | | Recovery = 67.10% | | | |
| 38) 2,4-DDD | 0.00 | 235 | 0 | 0.00 | ug/mL | |
| Spiked Amount 5.000 | | | Recovery = 0.00% | | | |
| **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 | 13.87 | 117 | 176 | 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 | 15.91 | 128 | 1085 | 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 | 21.42 | 165 | 111 | N.D. | | |
| 25) Diethylphthalate | 22.63 | 149 | 266 | N.D. | | |
| 26) 4-Chlorophenyl-phenylether | 0.00 | 204 | 0 | N.D. | | |
| 27) Fluorene | 0.00 | 166 | 0 | N.D. | | |
| 29) Azobenzen/ 1,2-Diphenylhyd | 0.00 | 77 | 0 | N.D. | | |
| 31) N-Nitrosodiphenylamine | 0.00 | 168 | 0 | N.D. | | |
| 32) 4-Bromophenyl-phenylether | 0.00 | 248 | 0 | N.D. | | |

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

Data File : C:\HPCHEM\1\DATA\APR2302\8838.D Vial: 7
Acq On : 23 Apr 2002 8:17 pm Operator:
Sample : gc/ms scan 4/15 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 24 8:16 2002 Quant Results File: GCMS0412.RES

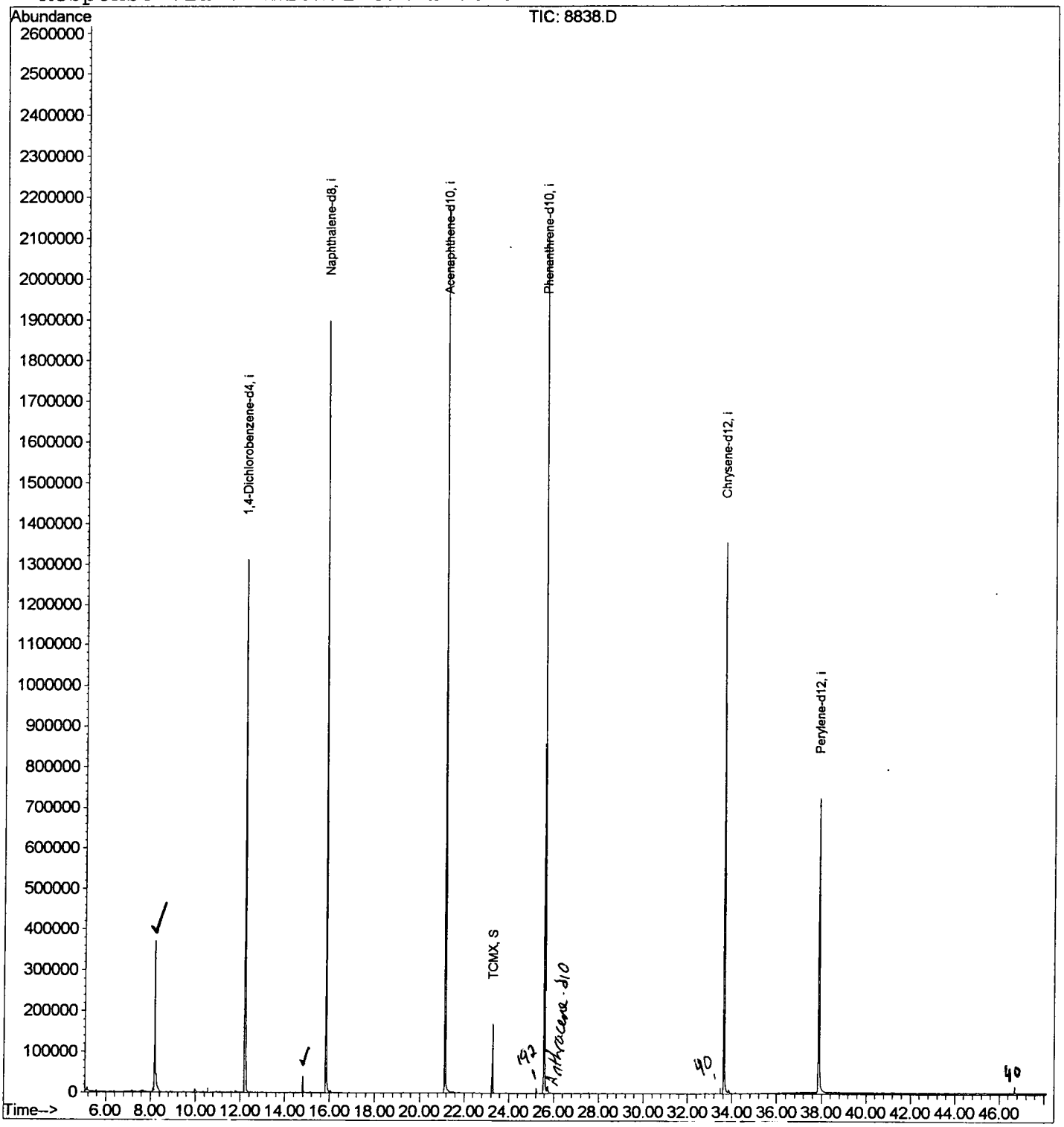
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

| | Compound | R.T. | QIon | Response | Conc Unit | Qvalue |
|---|---|---|---|---|---|---|
| 33) | Hexachlorobenzene | 0.00 | 284 | 0 | N.D. | |
| 34) | Phenanthrene | 25.66 | 178 | 284 | N.D. | |
| 35) | Anthracene | 25.66 | 178 | 284 | N.D. | |
| 36) | Di-n-butylphthalate | 27.56 | 149 | 3619 | N.D. | |
| 37) | Fluoranthene | 0.00 | 202 | 0 | N.D. | |
| 40) | Pyrene | 0.00 | 202 | 0 | N.D. | |
| 41) | Butylbenzylphthalate | 32.08 | 149 | 230 | N.D. | |
| 42) | Benzo(a)anthracene | 33.64 | 228 | 2673 | N.D. | |
| 43) | Bis(2-ethylhexyl)phthalate | 33.86 | 149 | 6522 | N.D. | |
| 44) | Chrysene | 33.64 | 228 | 2673 | N.D. | |
| 46) | Di-n-Octylphthalate | 0.00 | 149 | 0 | N.D. | |
| 47) | Benzo(b)fluoranthene | 0.00 | 252 | 0 | N.D. | |
| 48) | Benzo(k)fluoranthene | 0.00 | 252 | 0 | N.D. | |
| 49) | Benzo(a)pyrene | 37.88 | 252 | 2366 | N.D. | |
| 50) | Indeno(1,2,3-cd)pyrene | 0.00 | 276 | 0 | N.D. | |
| 51) | Dibenz(a,h)anthracene | 0.00 | 278 | 0 | N.D. | |
| 52) | Benzo(g,h,i)perylene | 0.00 | 276 | 0 | N.D. | |

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

Data File : C:\HPCHEM\1\DATA\APR2302\8838.D Vial: 7
Acq On : 23 Apr 2002 8:17 pm Operator:
Sample : gc/ms scan 4/15 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 24 8:16 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR2302\8838.D  Vial: 7
Acq On : 23 Apr 2002 8:17 pm  Operator:
Sample : gc/ms scan 4/15  Inst : 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0412.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

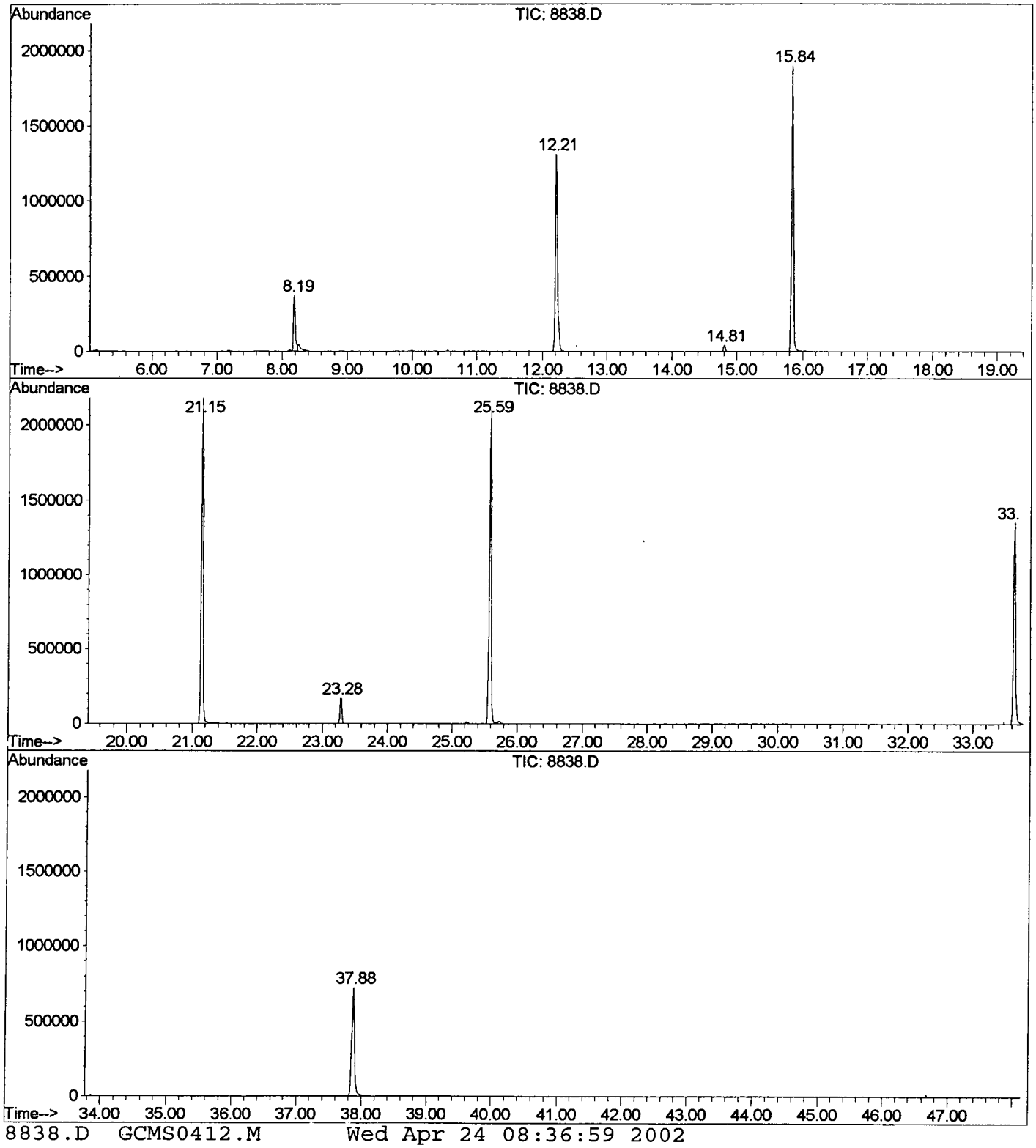
| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 8.187 | 338 | 342 | 347 | rBV | 367323 | 735719 | 16.66% | 3.347% |
| 2 | 12.208 | 775 | 780 | 792 | rBV | 1309495 | 2978810 | 67.44% | 13.550% |
| 3 | 14.806 | 1059 | 1063 | 1069 | rBV | 41359 | 80959 | 1.83% | 0.368% |
| 4 | 15.844 | 1170 | 1176 | 1191 | rBV | 1898338 | 3848159 | 87.12% | 17.505% |
| 5 | 21.150 | 1747 | 1754 | 1766 | rBV | 2180922 | 4416866 | 100.00% | 20.092% |
| 6 | 23.280 | 1979 | 1986 | 1992 | rBV | 169873 | 345740 | 7.83% | 1.573% |
| 7 | 25.593 | 2231 | 2238 | 2248 | rBV | 2099615 | 4324431 | 97.91% | 19.671% |
| 8 | 33.644 | 3108 | 3115 | 3133 | rBV2 | 1354436 | 3081971 | 69.78% | 14.020% |
| 9 | 37.876 | 3567 | 3576 | 3593 | rBV2 | 721304 | 2170741 | 49.15% | 9.874% |

Sum of corrected areas: 21983396

8838.D GCMS0412.M Wed Apr 24 08:36:58 2002

# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2302\8838.D
Operator :
Acquired : 23 Apr 2002 8:17 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/15
Misc Info :
Vial Number: 7
Quant File :GCMS0412.RES (RTE Integrator)




8838.D GCMS0412.M Wed Apr 24 08:36:59 2002

Data File : C:\HPCHEM\1\DATA\APR2302\8838.D  Vial: 7
Acq On : 23 Apr 2002 8:17 pm  Operator:
Sample : gc/ms scan 4/15  Inst : 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

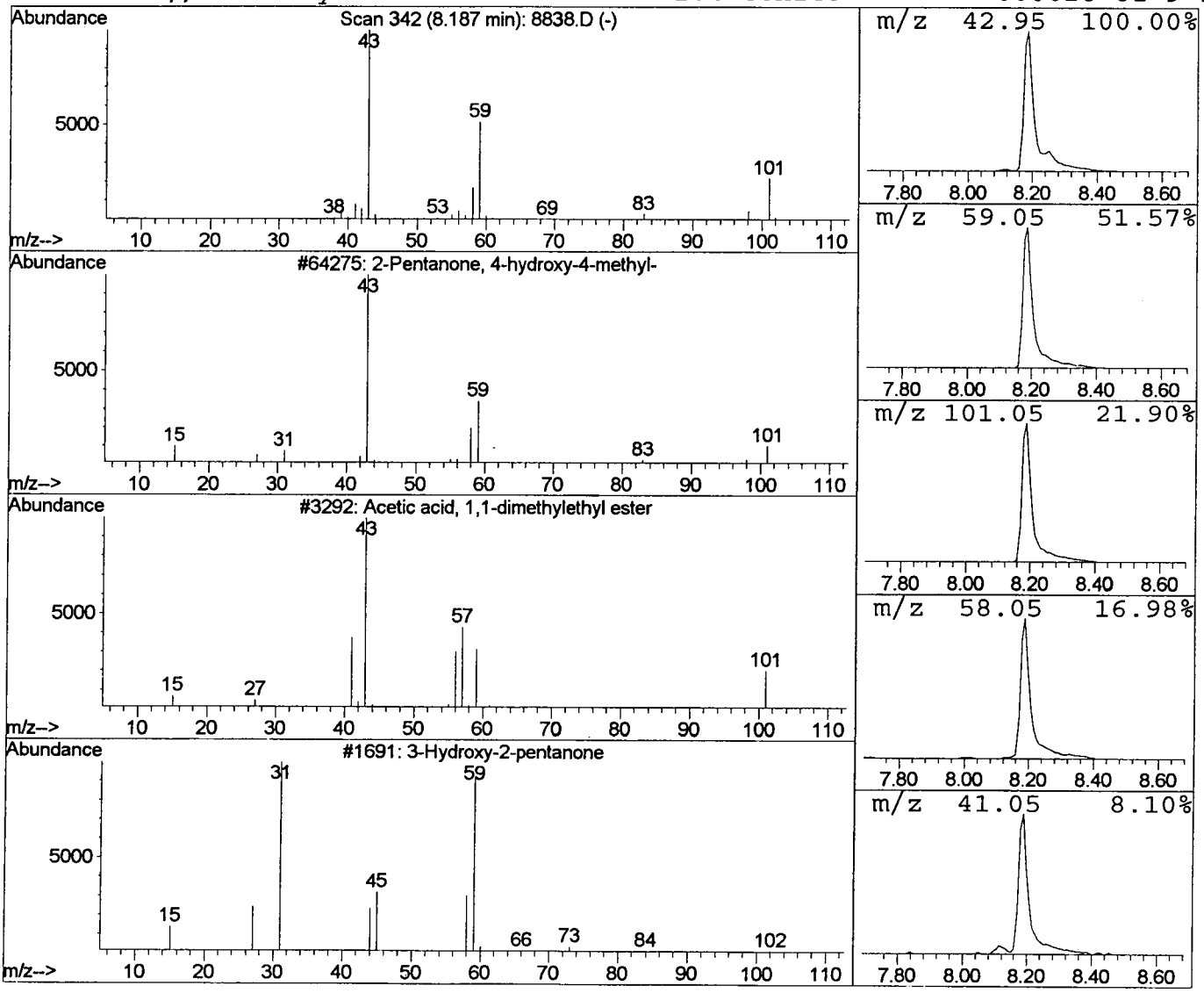
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.19 | 4.94 ug/l | 735719 | 1,4-Dichlorobenzene-d4 | 12.21 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50 |
| 2 | Acetic acid, 1,1-dimethylethyl este | 116 | C6H12O2 | 000540-88-5 | 33 |
| 3 | 3-Hydroxy-2-pentanone | 102 | C5H10O2 | 003142-66-3 | 9 |
| 4 | Butane, 1-ethoxy- | 102 | C6H14O | 000628-81-9 | 9 |



Data File : C:\HPCHEM\1\DATA\APR2302\8838.D Vial: 7
Acq On : 23 Apr 2002 8:17 pm Operator:
Sample : gc/ms scan 4/15 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

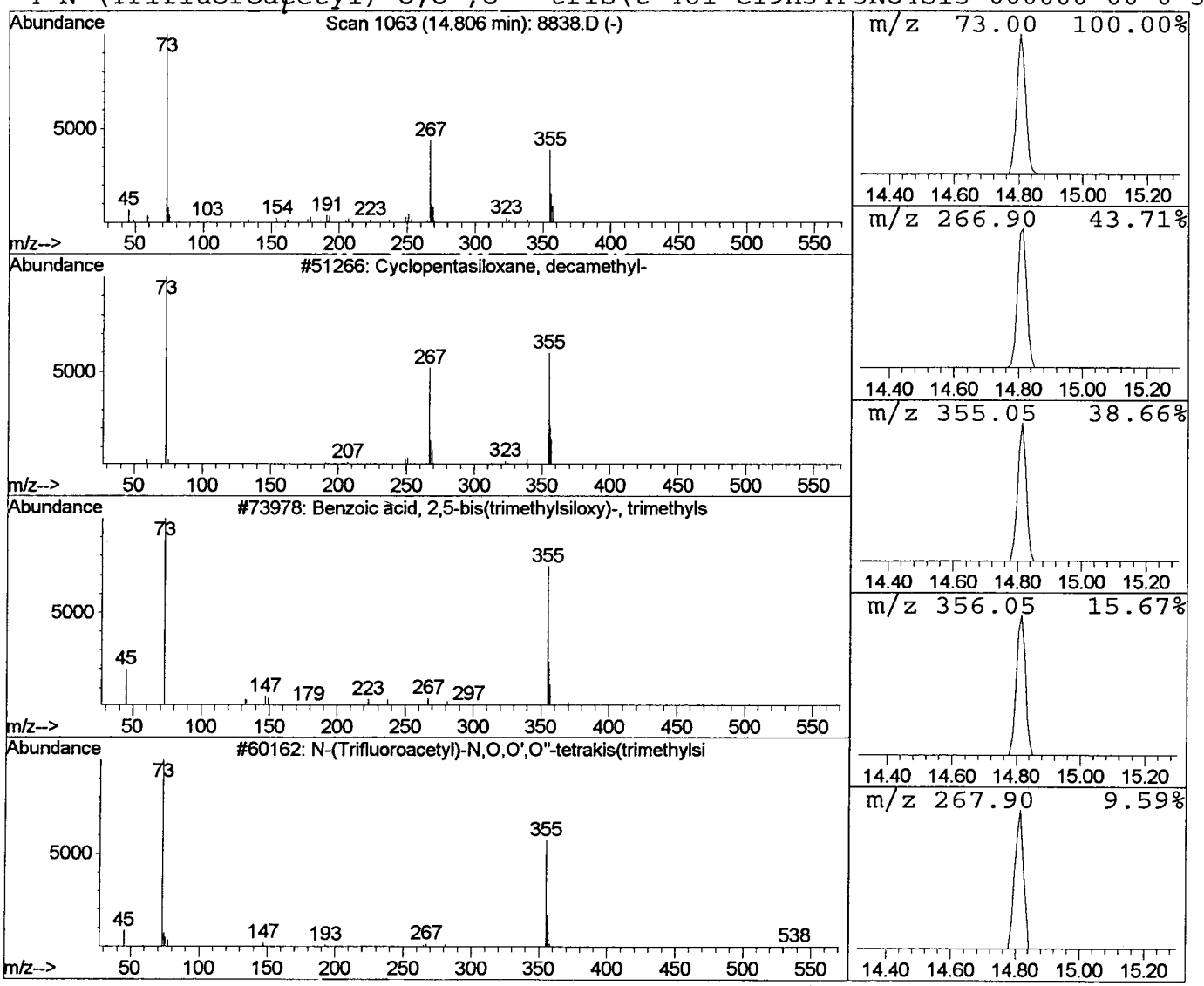
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.81 | 0.42 ug/l | 80959 | Naphthalene-d8 | 15.84 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentasiloxane, decamethyl- | 370 | C10H30O5Si5 | 000541-02-6 | 90 |
| 2 | Benzoic acid, 2,5-bis(trimethylsilo | 370 | C16H30O4Si3 | 003618-20-0 | 43 |
| 3 | N-(Trifluoroacetyl)-N,O,O',O''-tetr | 553 | C22H42F3NO4Si4 | 000000-00-0 | 43 |
| 4 | N-(Trifluoroacetyl)-O,O',O''-tris(t | 481 | C19H34F3NO4Si3 | 000000-00-0 | 38 |



# Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Apr 2002 8:17 pm
Data File: C:\HPCHEM\1\DATA\APR2302\8838.D
Name: gc/ms scan 4/15
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0412.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 | 8.19 | 4.9 | ug/l | 735719 | ISTD01 | 12.21 | 2978810 | 20.0 |
| Cyclopentasiloxane, | 14.81 | 0.4 | ug/l | 80959 | ISTD02 | 15.84 | 3848160 | 20.0 |

8838.D GCMS0412.M Wed Apr 24 08:37:02 2002