User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 15:56:31

Sample: AE07489
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/23/02 15:52 Ended: 4/23/02 15:52 Analyst: DLV
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | Other unknown compounds | | . | | |
| 2 | Surr_2,4-DDD | | 109 | | 10.0 |

09738/57750
PHMAD
3/28/02
30.5 min
Unidentified

Email

**Comments for Sample AE07489 - Analysis $GCMS**

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-23-2002 Time: 16:01:53

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1802\7489.D Vial: 22
Acq On : 20 Apr 2002 2:03 pm Operator:
Sample : gc/ms scan 4/1 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 22 12:30 2002 Quant Results File: GCMS0419.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 19 14:51:24 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 12.21 | 152 | 478190 | 20.00 | ug/l | -0.03 |
| 10) Naphthalene-d8 | 15.85 | 136 | 1730065 | 20.00 | ug/l | -0.03 |
| 17) Acenaphthene-d10 | 21.15 | 164 | 986515 | 20.00 | ug/l | -0.03 |
| 30) Phenanthrene-d10 | 25.59 | 188 | 1440309 | 20.00 | ug/l | -0.03 |
| 39) Chrysene-d12 | 33.64 | 240 | 908523 | 20.00 | ug/l | -0.04 |
| 45) Perylene-d12 | 37.87 | 264 | 568525 | 20.00 | ug/l | -0.05 |
| **System Monitoring Compounds** | | | | | | |
| 28) TCMX | 23.28 | 209 | 35851 | 4.36 | ug/L | -0.05 |
| Spiked Amount 4.000 | | | Recovery = 109.00% | | | |
| 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 | 11.64 | 93 | 169 | N.D. | | |
| 4) 1,3-Dichlorobenzene | 12.12 | 146 | 281 | N.D. | | |
| 5) 1,4-Dichlorobenzene | 12.12 | 146 | 281 | 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 | 15.23 | 93 | 181 | N.D. | | |
| 14) 1,2,4-Trichlorobenzene | 0.00 | 180 | 0 | N.D. | | |
| 15) Naphthalene | 15.90 | 128 | 990 | 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 | 22.63 | 149 | 930 | 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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1802\7489.D Vial: 22
Acq On : 20 Apr 2002 2:03 pm Operator:
Sample : gc/ms scan 4/1 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 22 12:30 2002 Quant Results File: GCMS0419.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 19 14:51:24 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

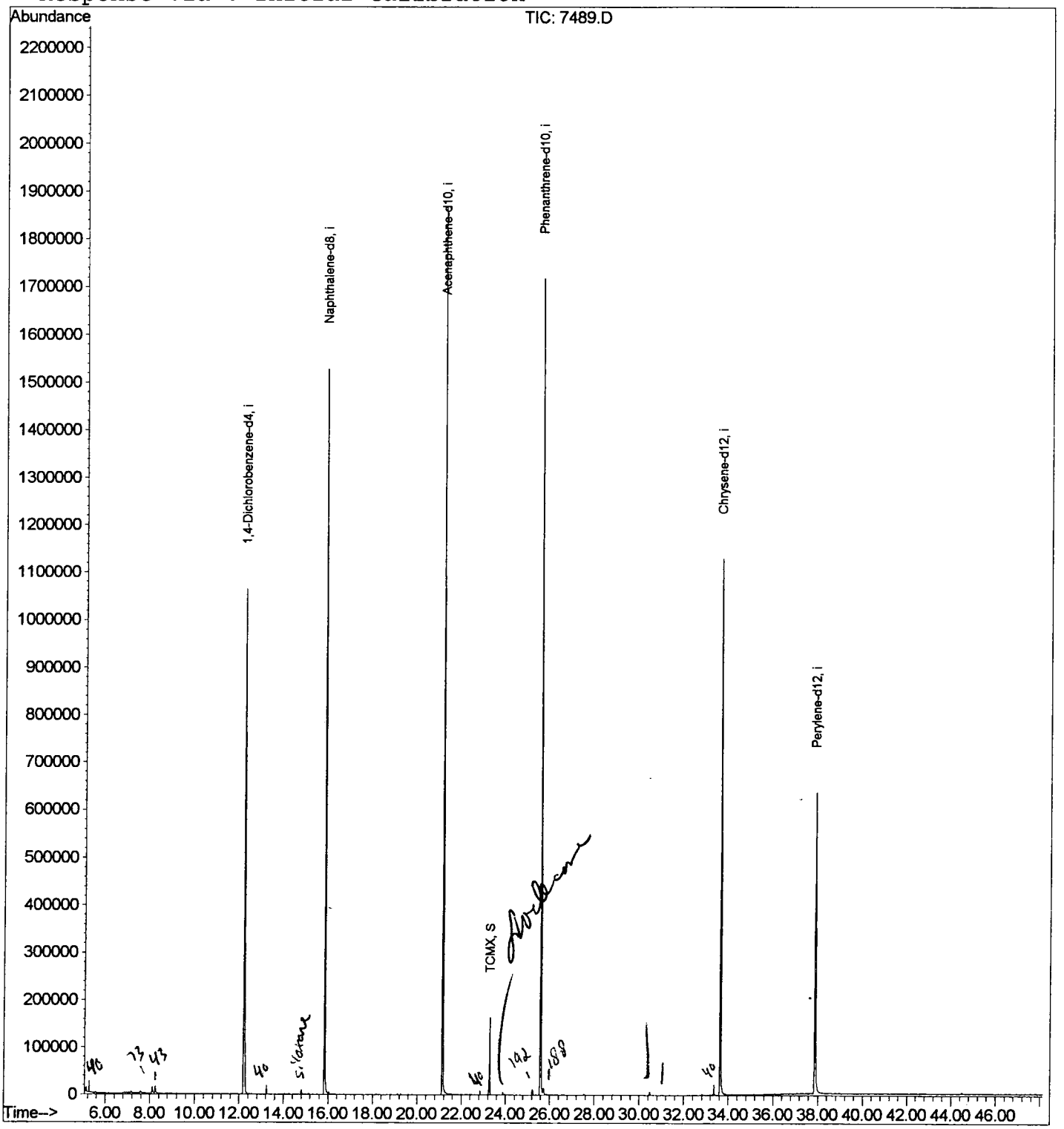
| Compound | R.T. | QIon | Response | Conc Unit | Qvalue |
|---|---|---|---|---|---|
| 33) Hexachlorobenzene | 0.00 | 284 | 0 | N.D. | |
| 34) Phenanthrene | 25.64 | 178 | 308 | N.D. | |
| 35) Anthracene | 25.64 | 178 | 308 | N.D. | |
| 36) Di-n-butylphthalate | 27.55 | 149 | 2515 | N.D. | |
| 37) Fluoranthene | 0.00 | 202 | 0 | N.D. | |
| 40) Pyrene | 0.00 | 202 | 0 | N.D. | |
| 41) Butylbenzylphthalate | 0.00 | 149 | 0 | N.D. | |
| 42) Benzo(a)anthracene | 33.65 | 228 | 2179 | N.D. | |
| 43) Bis(2-ethylhexyl)phthalate | 33.86 | 149 | 1266 | N.D. | |
| 44) Chrysene | 33.65 | 228 | 2179 | N.D. | |
| 46) Di-n-Octylphthalate | 36.05 | 149 | 522 | 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 | 37.87 | 252 | 2065 | 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

# Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1802\7489.D Vial: 22
Acq On : 20 Apr 2002 2:03 pm Operator:
Sample : gc/ms scan 4/1 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 22 12:30 2002 Quant Results File: GCMS0419.RES

Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 19 14:51:24 2002
Response via : Initial Calibration



# LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1802\7489.D  Vial: 22
Acq On : 20 Apr 2002 2:03 pm  Operator:
Sample : gc/ms scan 4/1  Inst : 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0419.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

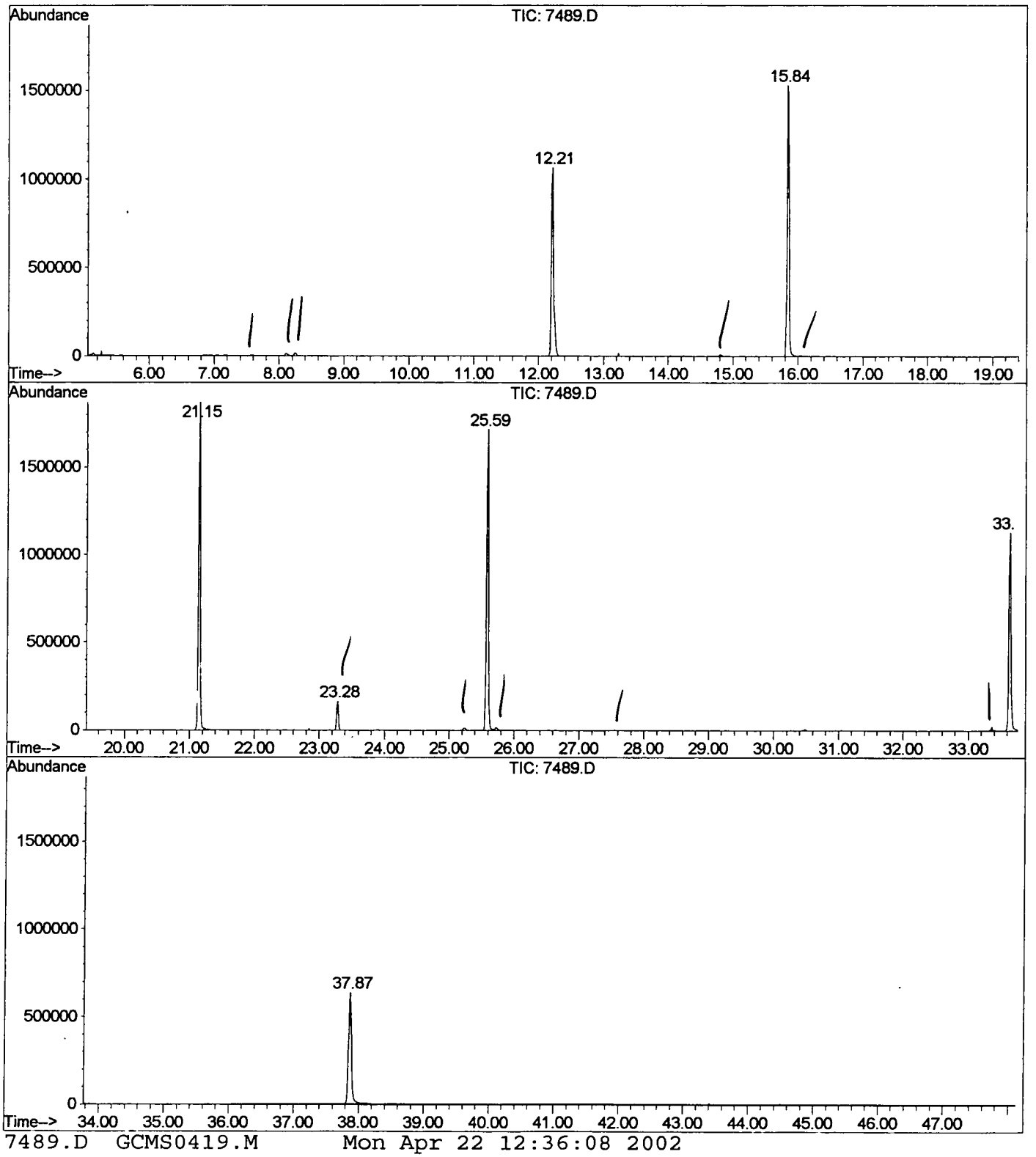
| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 12.213 | 775 | 781 | 796 | rVB | 1062678 | 2555879 | 68.39% | 14.230% |
| 2 | 15.840 | 1171 | 1176 | 1191 | rBV | 1527377 | 3239724 | 86.69% | 18.037% |
| 3 | 21.146 | 1748 | 1754 | 1775 | rBV | 1869440 | 3736945 | 100.00% | 20.805% |
| 4 | 23.285 | 1978 | 1987 | 1992 | rBV | 164033 | 318337 | 8.52% | 1.772% |
| 5 | 25.589 | 2231 | 2238 | 2248 | rBV | 1717203 | 3581721 | 95.85% | 19.941% |
| 6 | 33.640 | 3108 | 3115 | 3134 | rBV2 | 1129115 | 2606467 | 69.75% | 14.511% |
| 7 | 37.872 | 3567 | 3576 | 3595 | rBV2 | 634416 | 1922674 | 51.45% | 10.704% |

Sum of corrected areas: 17961747

7489.D GCMS0419.M Mon Apr 22 12:36:08 2002

# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1802\7489.D
Operator :
Acquired : 20 Apr 2002 2:03 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/1
Misc Info :
Vial Number: 22
Quant File :GCMS0419.RES (RTE Integrator)




7489.D GCMS0419.M Mon Apr 22 12:36:08 2002

# Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 20 Apr 2002 2:03 pm
Data File: C:\HPCHEM\1\DATA\APR1802\7489.D
Name: gc/ms scan 4/1
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0419.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 |
|---|---|---|---|---|---|---|---|---|

7489.D GCMS0419.M Mon Apr 22 12:36:09 2002