Data File : C:\HPCHEM\1\DATA\FEB1402\1046.D  Vial: 9
Acq On : 14 Feb 2002 5:49 pm  Operator: 209 GALOS
Sample : GC/MS SCAN 1/15  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 19 12:55 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 13 11:43:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 12.34 | 152 | 263314 | 20.00 | ug/l | 0.00 |
| 10) Naphthalene-d8 | 15.99 | 136 | 1008261 | 20.00 | ug/l | 0.00 |
| 17) Acenaphthene-d10 | 21.30 | 164 | 538823 | 20.00 | ug/l | 0.00 |
| 29) Phenanthrene-d10 | 25.75 | 188 | 797239 | 20.00 | ug/l | -0.02 |
| 38) Chrysene-d12 | 33.82 | 240 | 567198 | 20.00 | ug/l | -0.03 |
| 44) Perylene-d12 | 38.10 | 264 | 365764 | 20.00 | ug/l | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 37) 2,4-DDD | 30.82 | 235 | 45937 | 5.74 | ug/mL | 0.33 |
| Spiked Amount 5.000 | | | Recovery = 114.80% | | | |
| **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 | 16.04 | 128 | 196 | 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 | 20.64 | 163 | 2439 | 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 | 22.77 | 149 | 5053 | 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)

Data File : C:\HPCHEM\1\DATA\FEB1402\1046.D Vial: 9
Acq On : 14 Feb 2002 5:49 pm Operator: 209 GALOS
Sample : GC/MS SCAN 1/15 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 19 12:55 2002 Quant Results File: GCMS0208.RES

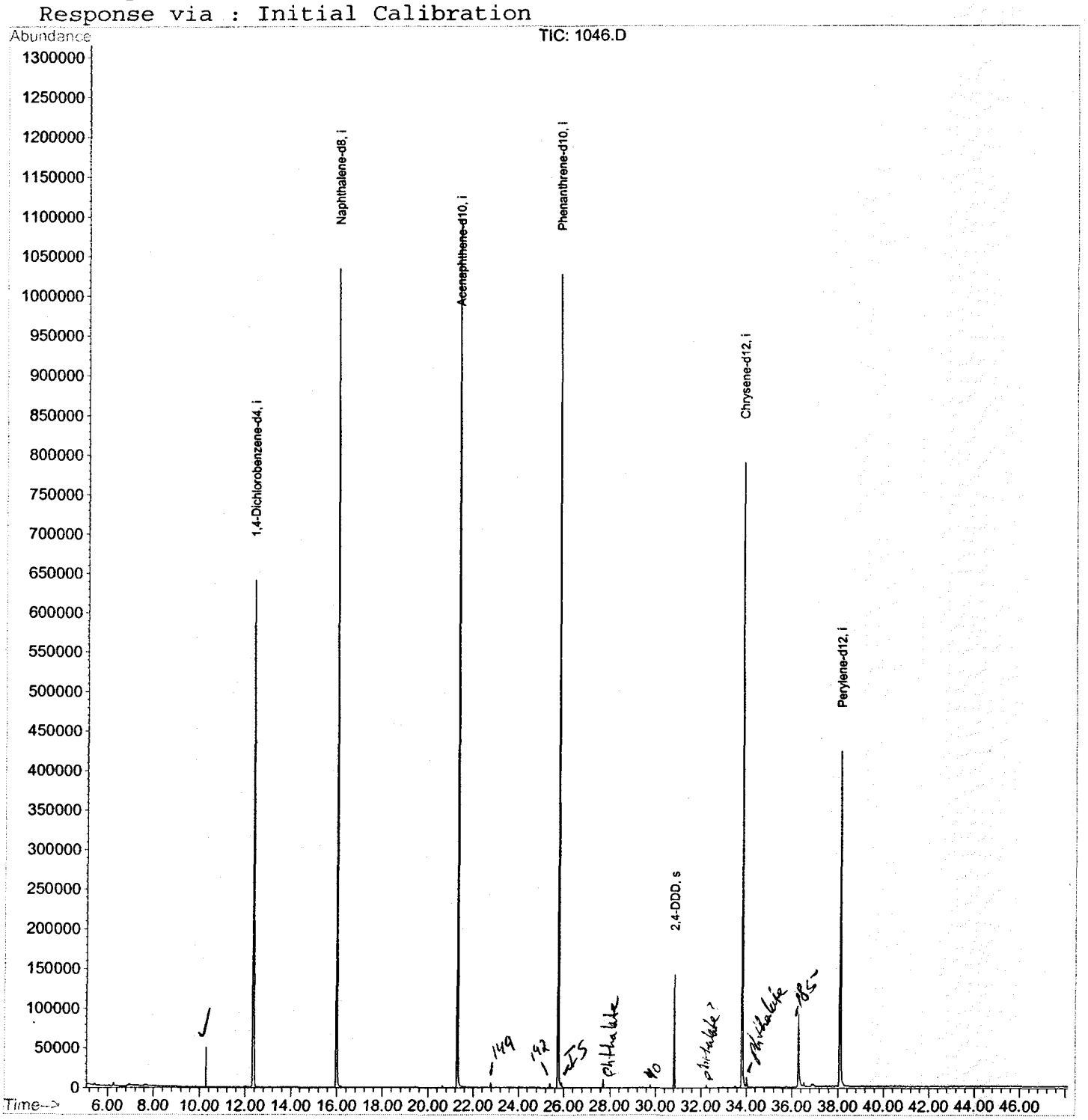
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

| 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 | 25.75 | 178 | 172 | N.D. | |
| 34) Anthracene | 25.75 | 178 | 172 | N.D. | |
| 35) Di-n-butylphthalate | 27.71 | 149 | 11618 | N.D. | |
| 36) Fluoranthene | 29.44 | 202 | 327 | N.D. | |
| 39) Pyrene | 0.00 | 202 | 0 | N.D. | |
| 40) Butylbenzylphthalate | 32.25 | 149 | 2500 | N.D. | |
| 41) Benzo(a)anthracene | 33.89 | 228 | 4729 | N.D. | |
| 42) Bis(2-ethylhexyl)phthalate | 34.02 | 149 | 7870 | N.D. | |
| 43) Chrysene | 33.89 | 228 | 4729 | N.D. | |
| 45) Di-n-Octylphthalate | 35.76 | 149 | 2700 | N.D. | |
| 46) Benzo(b)fluoranthene | 36.88 | 252 | 4419 | N.D. | |
| 47) Benzo(k)fluoranthene | 36.96 | 252 | 5043 | N.D. | |
| 48) Benzo(a)pyrene | 37.90 | 252 | 504 | N.D. | |
| 49) Indeno(1,2,3-cd)pyrene | 42.34 | 276 | 750 | N.D. | |
| 50) Dibenz(a,h)anthracene | 42.40 | 278 | 869 | N.D. | |
| 51) Benzo(g,h,i)perylene | 43.59 | 276 | 1104 | N.D. | |

(#) = qualifier out of range (m) = manual integration
1046.D GCMS0308.M Thu Mar 14 15:25:46 2002 Page 2

Data File : C:\HPCHEM\1\DATA\FEB1402\1046.D  Vial: 9
Acq On : 14 Feb 2002 5:49 pm  Operator: 209 GALOS
Sample : GC/MS SCAN 1/15  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 19 12:55 2002  Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\FEB1402\1046.D  Vial: 9
Acq On : 14 Feb 2002 5:49 pm  Operator: 209 GALOS
Sample : GC/MS SCAN 1/15  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.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

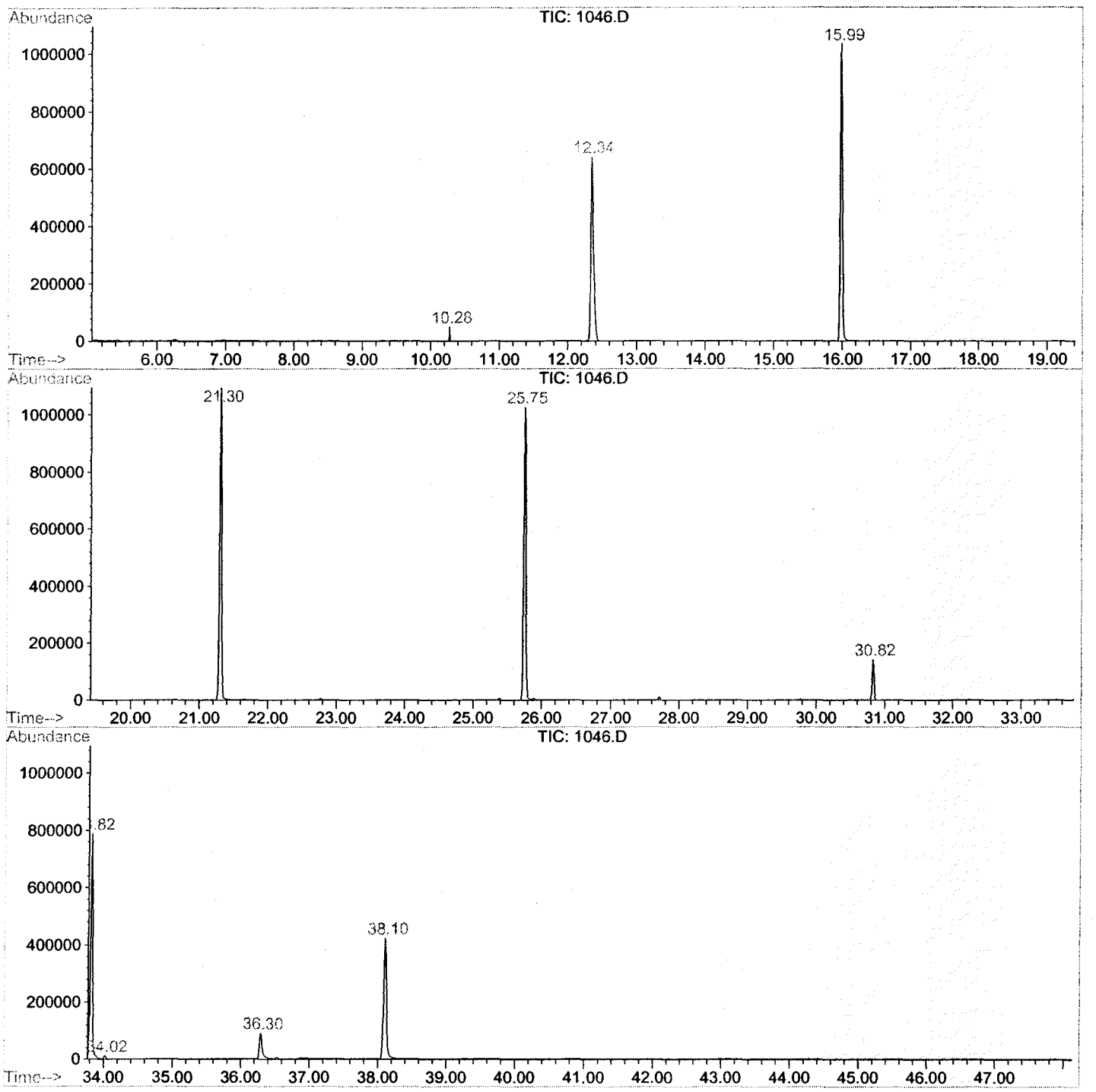
| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 10.279 | 569 | 570 | 572 | rVB | 49816 | 27608 | 1.23% | 0.233% |
| 2 | 12.345 | 789 | 795 | 808 | rVB | 639738 | 1687388 | 74.92% | 14.259% |
| 3 | 15.989 | 1186 | 1192 | 1207 | rBV | 1034399 | 2097881 | 93.15% | 17.728% |
| 4 | 21.305 | 1764 | 1771 | 1788 | rBV | 1096235 | 2252157 | 100.00% | 19.031% |
| 5 | 25.748 | 2249 | 2255 | 2267 | rBV2 | 1026668 | 2202156 | 97.78% | 18.609% |
| 6 | 30.825 | 2803 | 2808 | 2815 | rBV | 142856 | 279620 | 12.42% | 2.363% |
| 7 | 33.817 | 3127 | 3134 | 3152 | rBV2 | 788894 | 1739215 | 77.22% | 14.697% |
| 8 | 34.019 | 3152 | 3156 | 3163 | rVB | 12121 | 26200 | 1.16% | 0.221% |
| 9 | 36.296 | 3398 | 3404 | 3416 | rBV | 91705 | 266685 | 11.84% | 2.254% |
| 10 | 38.105 | 3592 | 3601 | 3620 | rBV2 | 422338 | 1254944 | 55.72% | 10.605% |

Sum of corrected areas: 11833854

1046.D GCMS0308.M Thu Mar 14 15:30:23 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1402\1046.D
Operator : 209 GALOS
Acquired : 14 Feb 2002 5:49 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 1/15
Misc Info :
Vial Number: 9
Quant File :GCMS0208.RES (RTE Integrator)



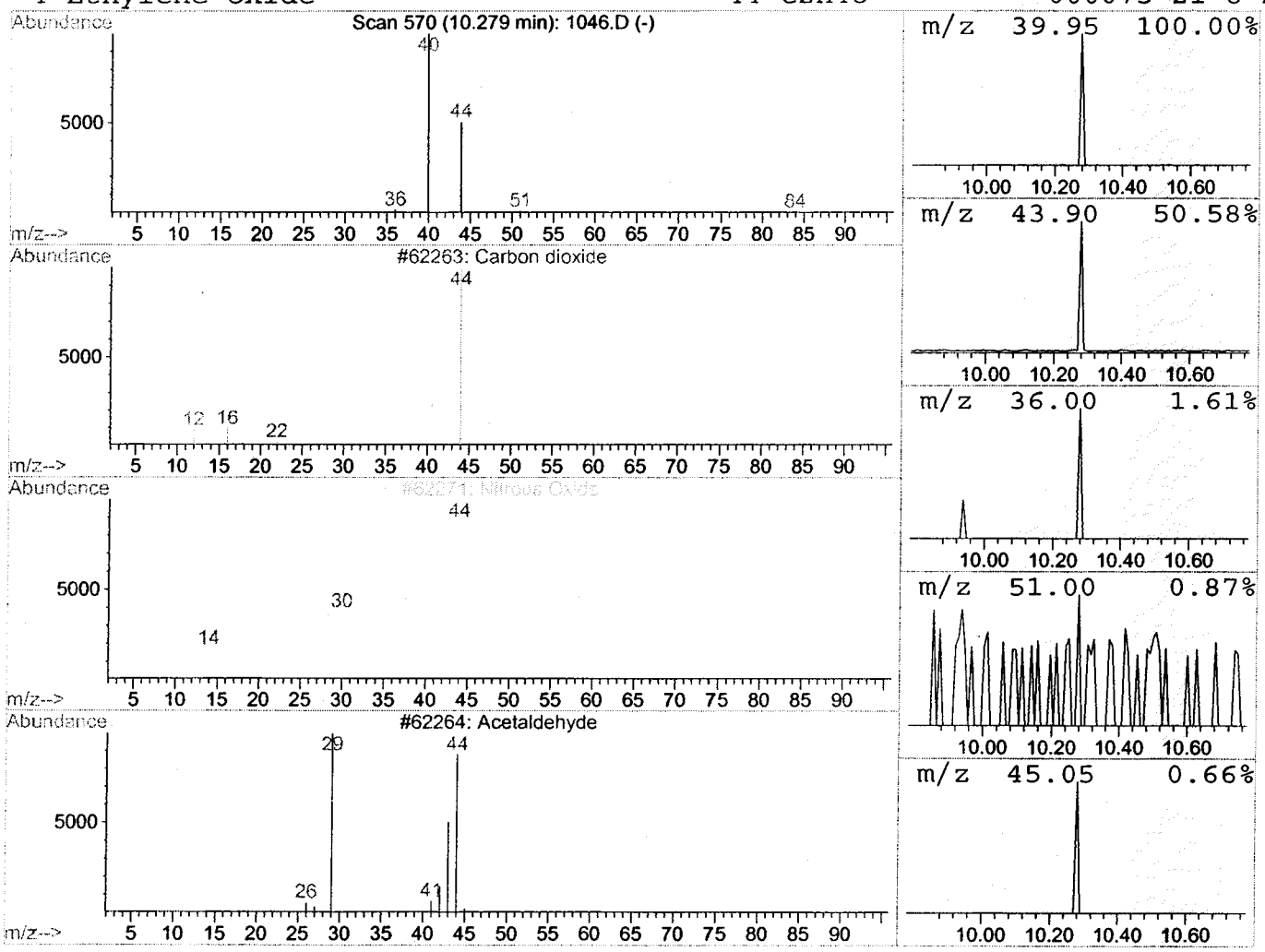

1046.D GCMS0308.M Thu Mar 14 15:30:28 2002

```
  Data File : C:\HPCHEM\1\DATA\FEB1402\1046.D              Vial: 9
  Acq On    : 14 Feb 2002    5:49 pm                   Operator: 209  GALOS
  Sample    : GC/MS SCAN 1/15                          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  Carbon dioxide                    Concentration Rank  2

  R.T.    EstConc           Area       Relative to ISTD          R.T.
---------------------------------------------------------------------
 10.28    0.33 ug/l         27608    1,4-Dichlorobenzene-d4      12.34

 Hit# of  5   Tentative ID              MW  MolForm       CAS#        Qual
---------------------------------------------------------------------
 1 Carbon dioxide                       44 CO2           000124-38-9 3
 2 Nitrous Oxide                        44 N2O           010024-97-2 3
 3 Acetaldehyde                         44 C2H4O         000075-07-0 2
 4 Ethylene oxide                       44 C2H4O         000075-21-8 2
```

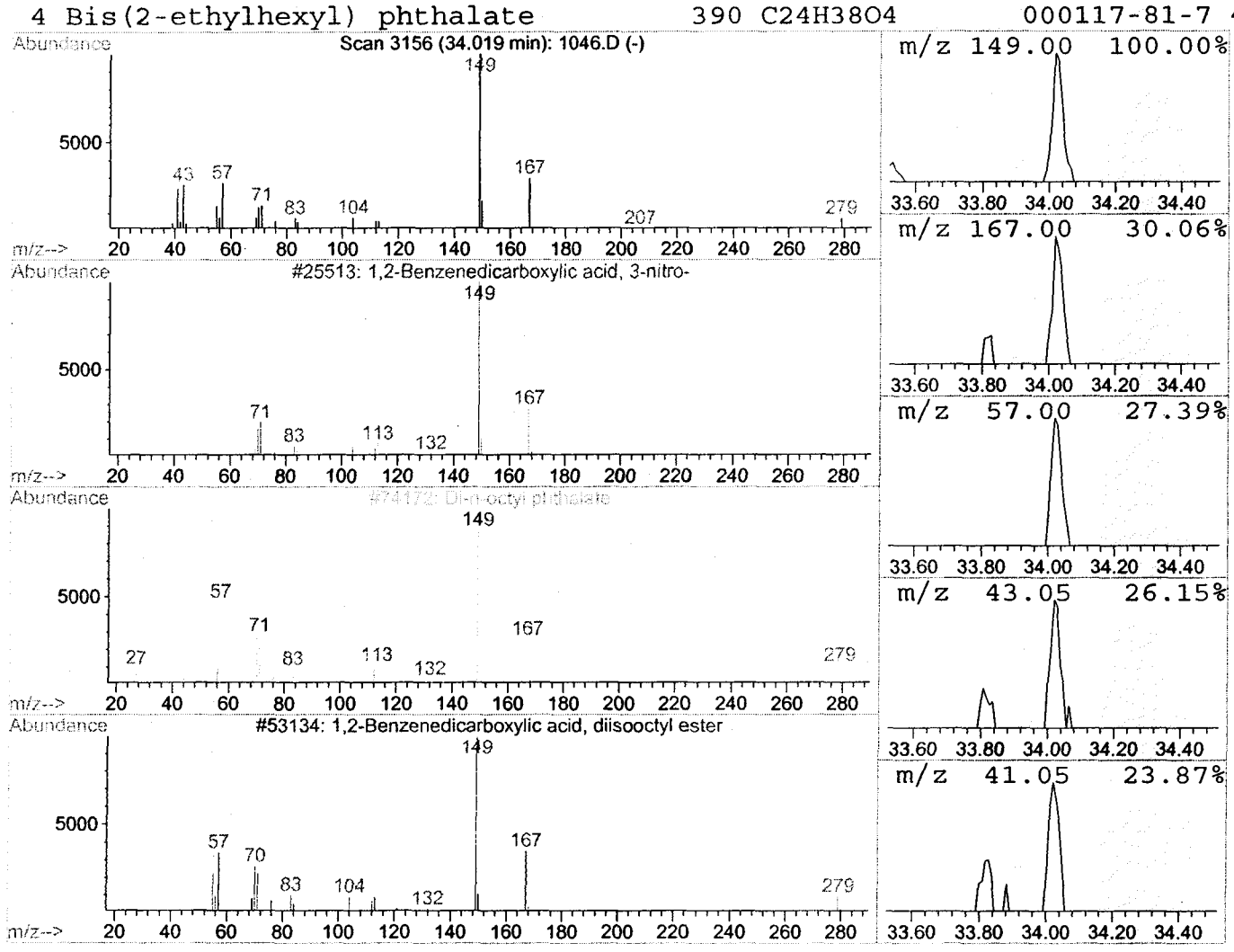


```
  Data File : C:\HPCHEM\1\DATA\FEB1402\1046.D              Vial: 9
  Acq On    : 14 Feb 2002    5:49 pm                   Operator: 209  GALOS
  Sample    : GC/MS SCAN 1/15                          Inst    : GC/MS 209
  Misc      :                                          Multiplr: 1.00
  MS Integration 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  1,2-Benzenedicarboxylic acid,   Concentration Rank  3

  R.T.    EstConc           Area       Relative to ISTD          R.T.
----------------------------------------------------------------------
 34.02    0.30 ug/l         26200    Chrysene-d12                33.82

 Hit# of  5    Tentative ID                MW  MolForm       CAS#        Qual
-----------------------------------------------------------------------------
 1 1,2-Benzenedicarboxylic acid, 3-nit 211 C8H5NO6        000603-11-2 78
 2 Di-n-octyl phthalate                390 C24H38O4       000117-84-0 50
 3 1,2-Benzenedicarboxylic acid, diiso 390 C24H38O4       027554-26-3 49
 4 Bis(2-ethylhexyl) phthalate         390 C24H38O4       000117-81-7 47
```



Data File : C:\HPCHEM\1\DATA\FEB1402\1046.D  Vial: 9
Acq On : 14 Feb 2002 5:49 pm  Operator: 209 GALOS
Sample : GC/MS SCAN 1/15  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

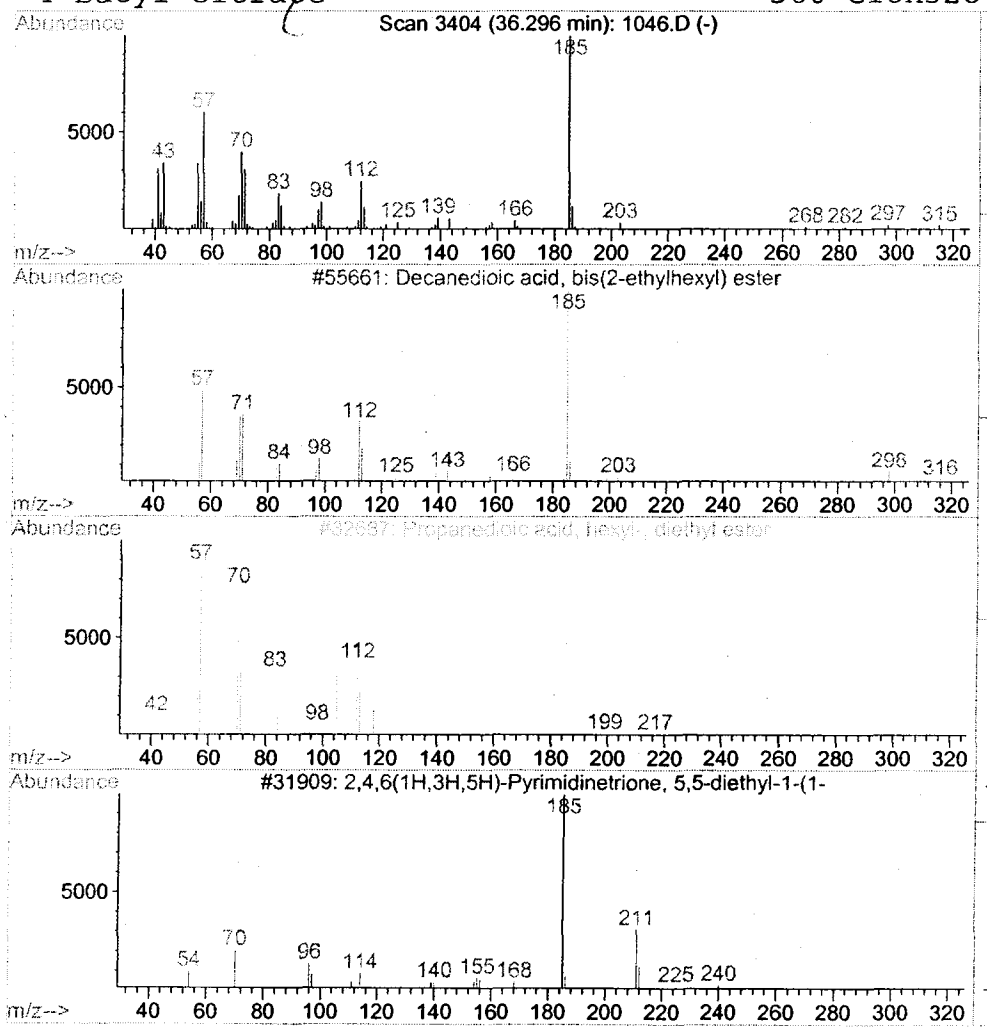
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

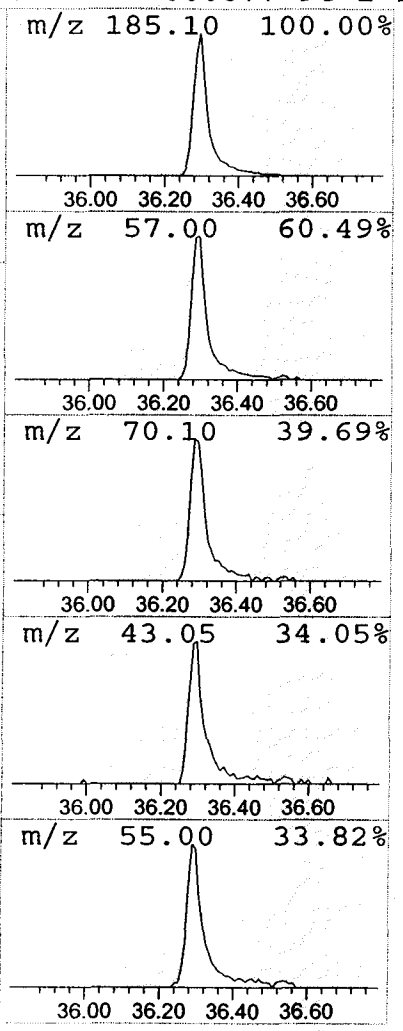
**********

Peak Number 3 Decanedioic acid, bis(2-ethylh Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 36.30 | 4.25 ug/l | 266685 | Perylene-d12 | 38.10 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decanedioic acid, bis(2-ethylhexyl) | 426 | C26H50O4 | 000122-62-3 | 52 |
| 2 | Propanedioic acid, hexyl-, diethyl | 244 | C13H24O4 | 005398-10-7 | 25 |
| 3 | 2,4,6(1H,3H,5H)-Pyrimidinetrione, 5 | 240 | C12H20N2O3 | 051209-93-9 | 25 |
| 4 | Butyl citrate | 360 | C18H32O7 | 000077-94-1 | 17 |



Tentatively Identified Compound (TIC) Summary

Operator ID: 209 GALOS Date Acquired: 14 Feb 2002 5:49 pm
Data File: C:\HPCHEM\1\DATA\FEB1402\1046.D
Name: GC/MS SCAN 1/15
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 |
|---|---|---|---|---|---|---|---|---|
| Carbon dioxide | 10.28 | 0.3 | ug/l | 27608 | ISTD01 | 12.34 | 1687390 | 20.0 |
| 1,2-Benzenedicarboxy | 34.02 | 0.3 | ug/l | 26200 | ISTD05 | 33.82 | 1739220 | 20.0 |
| Decanedioic acid, bi | 36.30 | 4.3 | ug/l | 266685 | ISTD06 | 38.10 | 1254940 | 20.0 |

1046.D GCMS0308.M Thu Mar 14 15:30:46 2002