

User: Vinci, David L  
 Westchester Dept. of Labs & Research  
 Date: 02/25/2002 Time: 15:45:53

Sample: AD31255  
 Analysis: \$GCMS GCMS Scan For Unknowns  
 Units: ug  
 Started: 2/25/02 15:42 Ended: 2/25/02 15:42 Analyst: DLV  
 Page: 1

|   | Component Name          | Viol | Result | Qualifier | MDL |
|---|-------------------------|------|--------|-----------|-----|
| 1 | Other unknown compounds |      | .      |           |     |
| 2 | Surr_2,4-DDD            |      | 92     |           | 5.0 |

**Comments for Sample AD31255 - Analysis \$GCMS**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 02-25-2002 Time: 15:46:02

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. This sample was extracted twice with Surrogate Standard recoveries of 74% and 92%. The LCS Standards for both extractions had an unusually high number of compounds with results below their acceptance ranges. This sample will receive an analysis cost discount.

## Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0802\31255.D  
 Acq On : 9 Jan 2002 9:35 pm  
 Sample : gcms scan 12/24  
 Misc :  
 MS Integration Params: GOOFY.P  
 Quant Time: Feb 6 10:03 2002

Vial: 9  
 Operator: 209 GALOS  
 Inst : GC/MS 209  
 Multiplr: 1.00

Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)  
 Title : 209 625/TCLP calibration table  
 Last Update : Thu Dec 13 14:40:46 2001  
 Response via : Initial Calibration  
 DataAcq Meth : GCMS0103

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 11.53 | 152  | 858927   | 20.00 | ug/l  | 0.00     |
| 10) Naphthalene-d8        | 15.13 | 136  | 3466709  | 20.00 | ug/l  | 0.00     |
| 17) Acenaphthene-d10      | 20.40 | 164  | 1765499  | 20.00 | ug/l  | 0.00     |
| 29) Phenanthrene-d10      | 24.81 | 188  | 2499005  | 20.00 | ug/l  | 0.00     |
| 38) Chrysene-d12          | 32.84 | 240  | 1469242  | 20.00 | ug/l  | 0.00     |
| 44) Perylene-d12          | 36.90 | 264  | 851932   | 20.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|               |       |     |          |      |        |       |
|---------------|-------|-----|----------|------|--------|-------|
| 37) 2,4-DDD   | 29.89 | 235 | 106030   | 3.70 | ug/mL  | -0.18 |
| Spiked Amount | 5.000 |     | Recovery | =    | 74.00% |       |

## Target Compounds

|                                |       |     |      |      | Qvalue |
|--------------------------------|-------|-----|------|------|--------|
| 2) N-nitroso-dimethyl amine    | 5.16  | 74  | 302  | 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                | 15.18 | 128 | 1786 | 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         | 19.96 | 165 | 240  | 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           | 21.92 | 149 | 1620 | 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

31255.D GCMS0103.M Wed Feb 06 11:08:26 2002

Page 1

## Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0802\31255.D

Acq On : 9 Jan 2002 9:35 pm

Sample : gcms scan 12/24

Misc :

MS Integration Params: GOOFY.P

Quant Time: Feb 6 10:03 2002

Vial: 9

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Thu Dec 13 14:40:46 2001

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               | 24.88 | 178  | 995      | N.D. |      |        |
| 34) Anthracene                 | 24.88 | 178  | 995      | N.D. |      |        |
| 35) Di-n-butylphthalate        | 26.83 | 149  | 11615    | N.D. |      |        |
| 36) Fluoranthene               | 28.50 | 202  | 417      | N.D. |      |        |
| 39) Pyrene                     | 29.18 | 202  | 191      | N.D. |      |        |
| 40) Butylbenzylphthalate       | 0.00  | 149  | 0        | N.D. |      |        |
| 41) Benzo(a)anthracene         | 32.84 | 228  | 4188     | N.D. |      |        |
| 42) Bis(2-ethylhexyl)phthalate | 33.14 | 149  | 4907     | N.D. |      |        |
| 43) Chrysene                   | 32.84 | 228  | 4188     | N.D. |      |        |
| 45) Di-n-Octylphthalate        | 0.00  | 149  | 0        | N.D. |      |        |
| 46) Benzo(b)fluoranthene       | 35.98 | 252  | 504      | N.D. |      |        |
| 47) Benzo(k)fluoranthene       | 35.98 | 252  | 504      | N.D. |      |        |
| 48) Benzo(a)pyrene             | 36.91 | 252  | 3677     | 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

31255.D GCMS0103.M Wed Feb 06 11:08:30 2002

Page 2

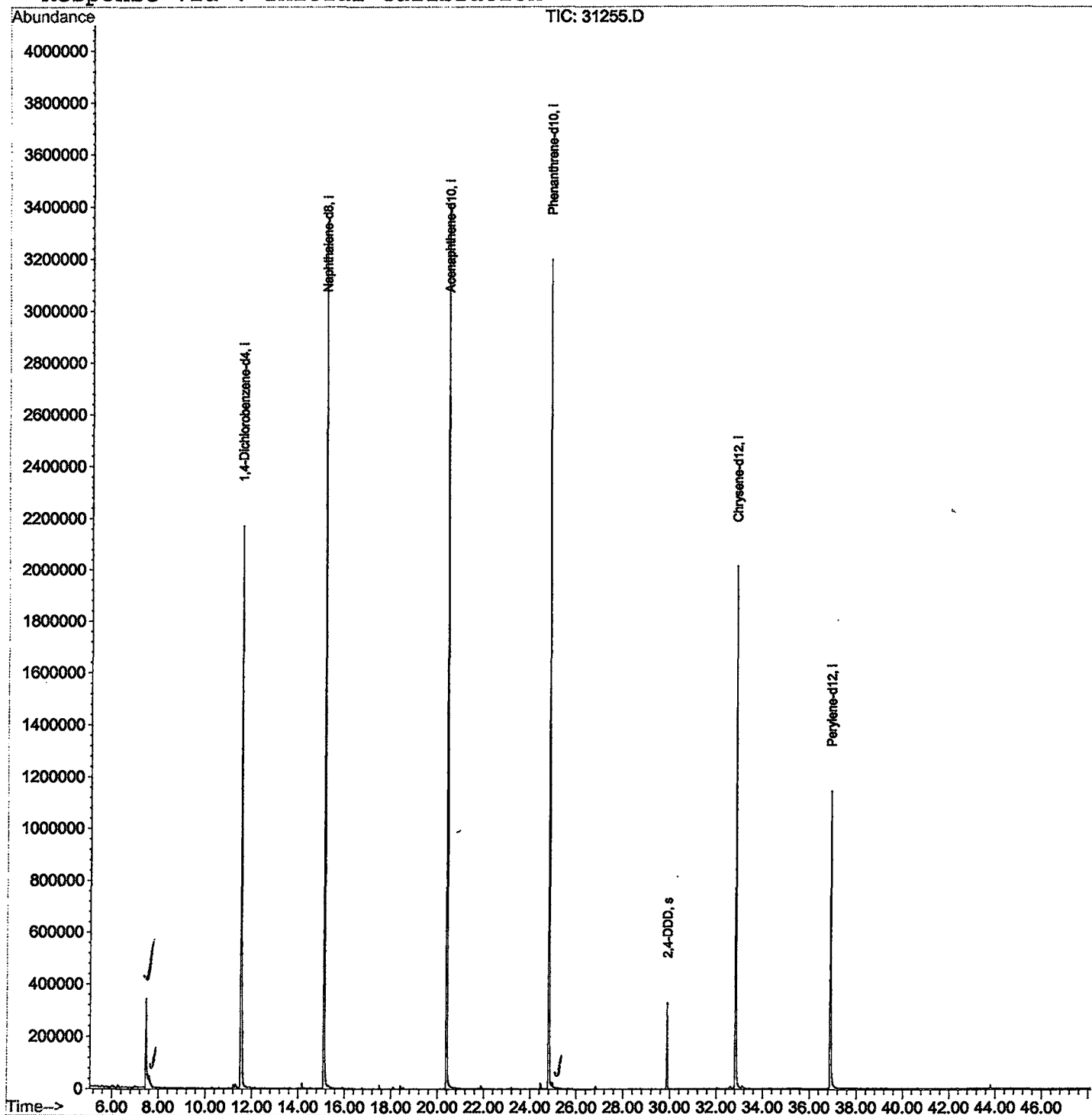
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31255.D  
 Acq On : 9 Jan 2002 9:35 pm  
 Sample : gcms scan 12/24  
 Misc :  
 MS Integration Params: GOOFY.P  
 Quant Time: Feb 6 10:03 2002

Vial: 9  
 Operator: 209 GALOS  
 Inst : GC/MS 209  
 Multiplr: 1.00

Quant Results File: GCMS0103.RES

Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)  
 Title : 209 625/TCLP calibration table  
 Last Update : Mon Jan 07 10:31:02 2002  
 Response via : Initial Calibration



## LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31255.D

Acq On : 9 Jan 2002 9:35 pm

Sample : gcms scan 12/24

Misc :

MS Integration Params: LSCINT.P

Vial: 9

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS0103.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 &lt; 100 prefer &lt; Baseline drop else tangent &gt;

Peak separation: 5

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|--------------|----------------|---------------|
| 1         | 7.470       | 260           | 264         | 276          | rBV      | 337054         | 927709       | 12.52%         | 2.524%        |
| 2         | 7.608       | 276           | 279         | 296          | rVB2     | 44278          | 182020       | 2.46%          | 0.495%        |
| 3         | 11.528      | 701           | 706         | 727          | rBV      | 2167898        | 5464380      | 73.74%         | 14.866%       |
| 4         | 15.126      | 1092          | 1098        | 1116         | rBV      | 3339816        | 7083199      | 95.58%         | 19.270%       |
| 5         | 20.396      | 1665          | 1672        | 1691         | rBV      | 3413071        | 7410509      | 100.00%        | 20.161%       |
| 6         | 24.812      | 2146          | 2153        | 2165         | rBV2     | 3197692        | 7015255      | 94.67%         | 19.085%       |
| 7         | 24.949      | 2165          | 2168        | 2184         | rVB      | 22540          | 81081        | 1.09%          | 0.221%        |
| 8         | 29.888      | 2700          | 2706        | 2711         | rBV      | 328301         | 664933       | 8.97%          | 1.809%        |
| 9         | 32.835      | 3021          | 3027        | 3048         | rBV2     | 2012584        | 4739053      | 63.95%         | 12.893%       |
| 10        | 36.902      | 3462          | 3470        | 3497         | rBV2     | 1143432        | 3189153      | 43.04%         | 8.676%        |

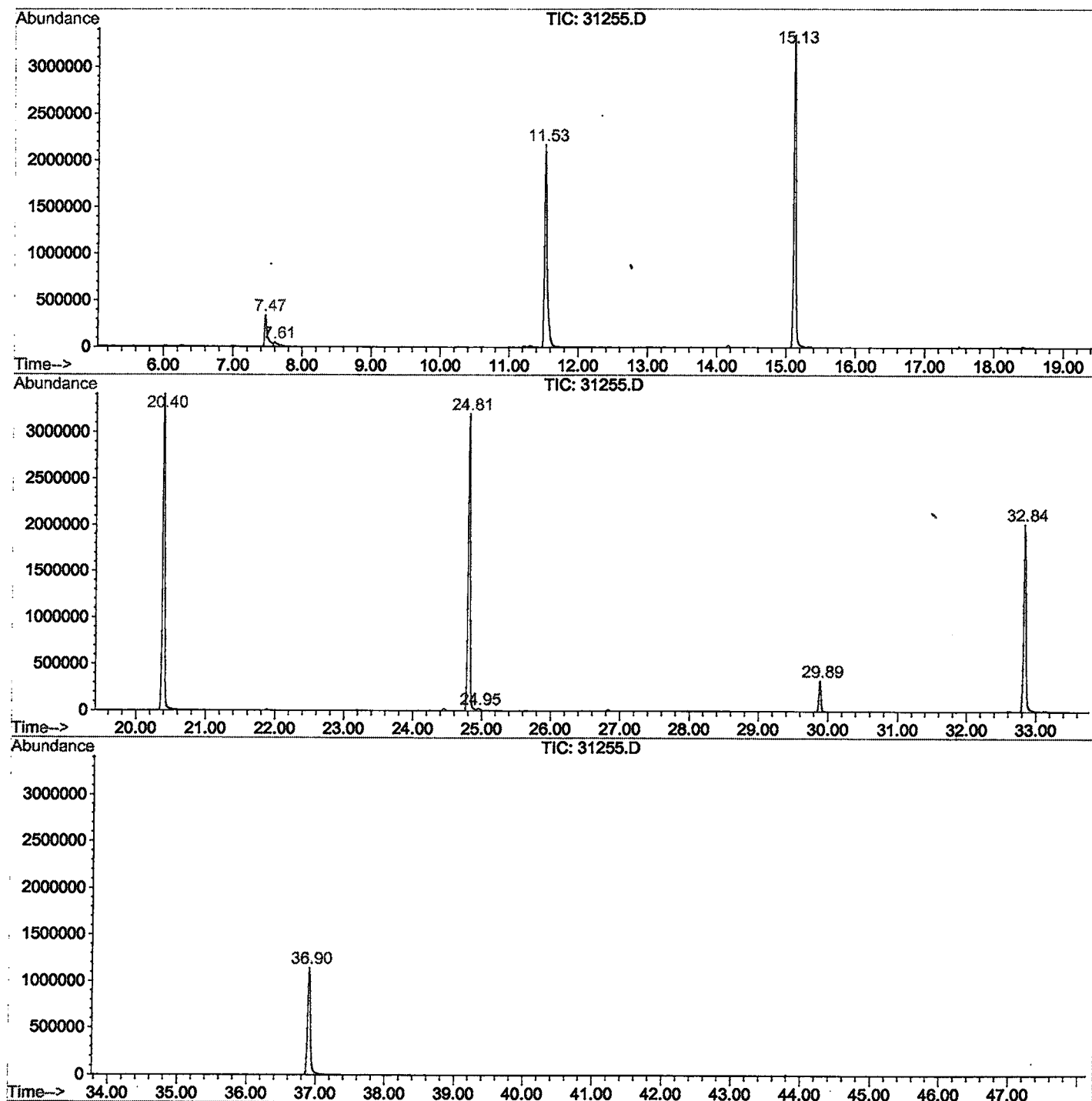
Sum of corrected areas: 36757292

31255.D GCMS0103.M

Wed Feb 06 11:23:21 2002

## LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0802\31255.D  
Operator : 209 GALOS  
Acquired : 9 Jan 2002 9:35 pm using AcqMethod GCMS0103  
Instrument : GC/MS 209  
Sample Name: gcms scan 12/24  
Misc Info :  
Vial Number: 9  
Quant File :GCMS0103.RES (RTE Integrator)



31255.D GCMS0103.M

Wed Feb 06 11:23:27 2002

## Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31255.D  
Acq On : 9 Jan 2002 9:35 pm  
Sample : gcms scan 12/24  
Misc :  
MS Integration Params: LSCINT.P

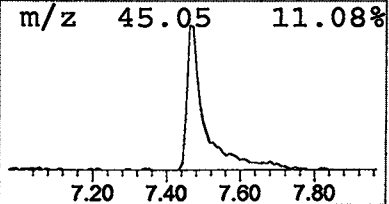
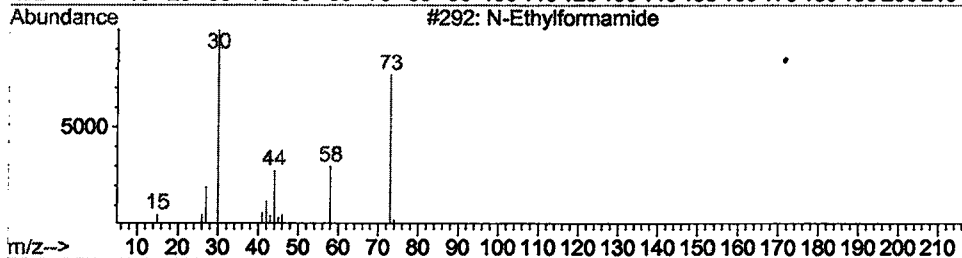
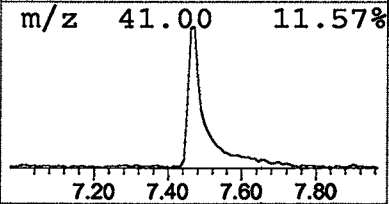
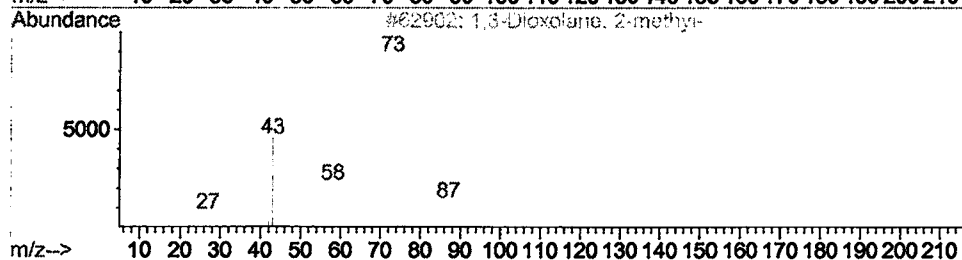
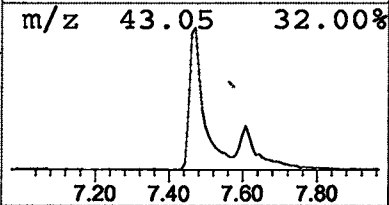
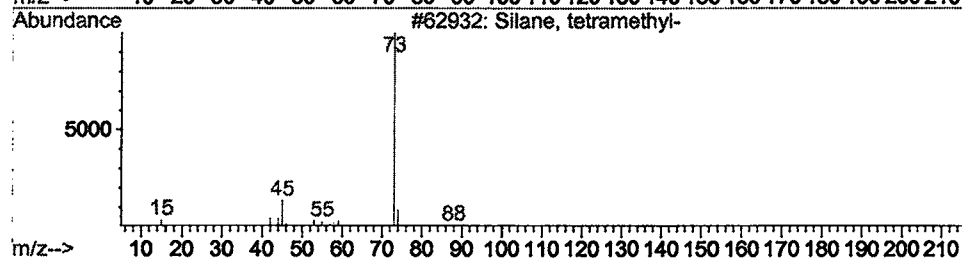
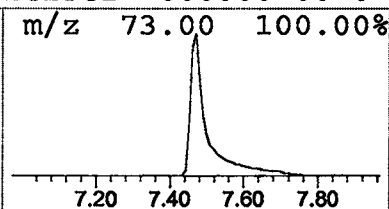
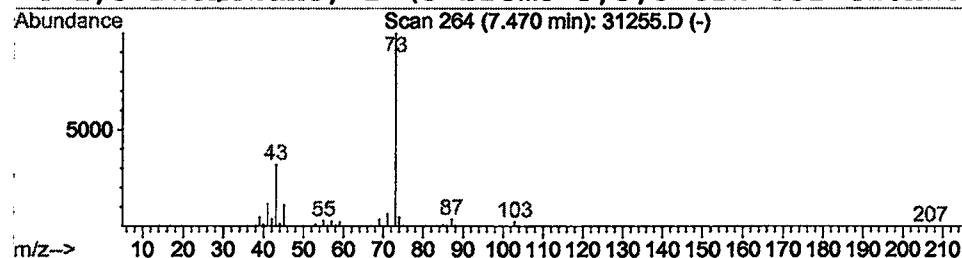
Vial: 9  
Operator: 209 GALOS  
Inst : GC/MS 209  
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.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.  |
|------|-----------|--------|------------------------|-------|
| 7.47 | 3.40 ug/l | 927709 | 1,4-Dichlorobenzene-d4 | 11.53 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm       | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------------|-------------|------|
| 1    |    |   | Silane, tetramethyl-                | 88  | C4H12Si       | 000075-76-3 | 9    |
| 2    |    |   | 1,3-Dioxolane, 2-methyl-            | 88  | C4H8O2        | 000497-26-7 | 9    |
| 3    |    |   | N-Ethylformamide                    | 73  | C3H7NO        | 000627-45-2 | 9    |
| 4    |    |   | 1,3-Dioxolane, 2-(3-bromo-5,5,5-tri | 352 | C10H16BrCl3O2 | 000000-00-0 | 9    |



## Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31255.D  
Acq On : 9 Jan 2002 9:35 pm  
Sample : gcms scan 12/24  
Misc :  
MS Integration Params: LSCINT.P

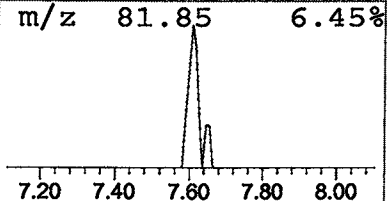
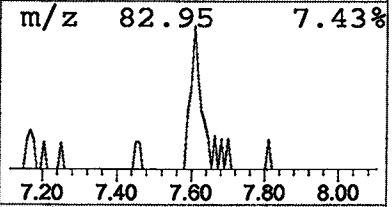
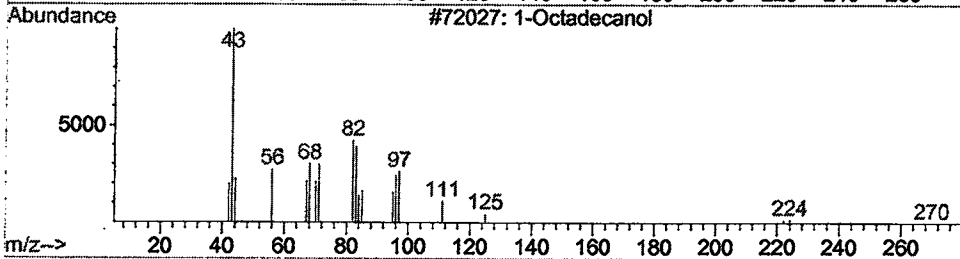
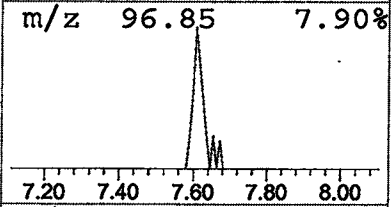
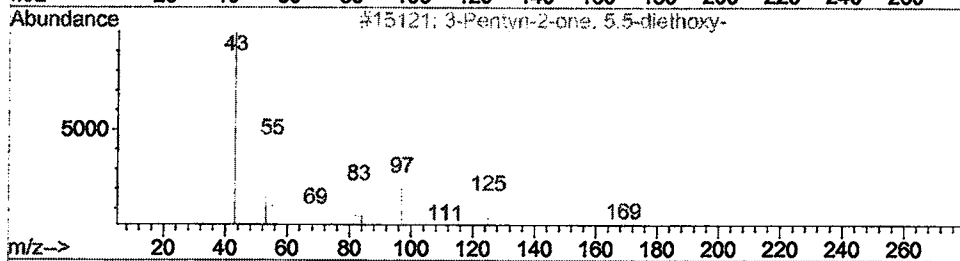
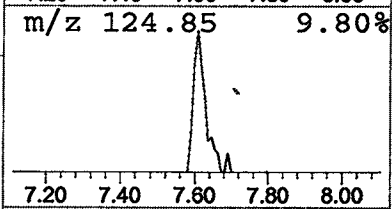
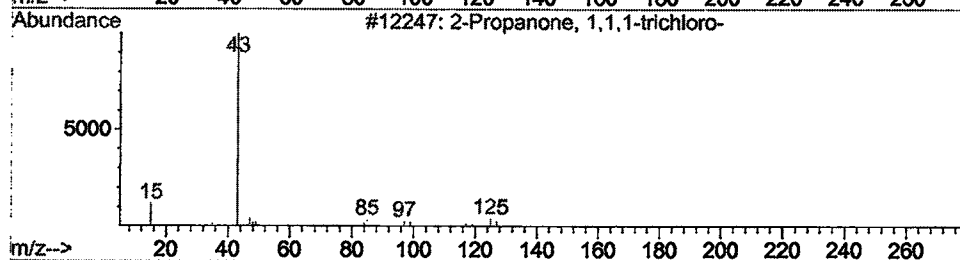
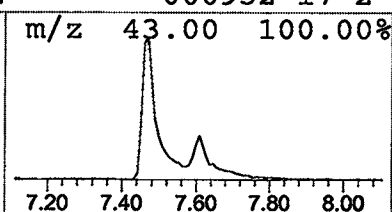
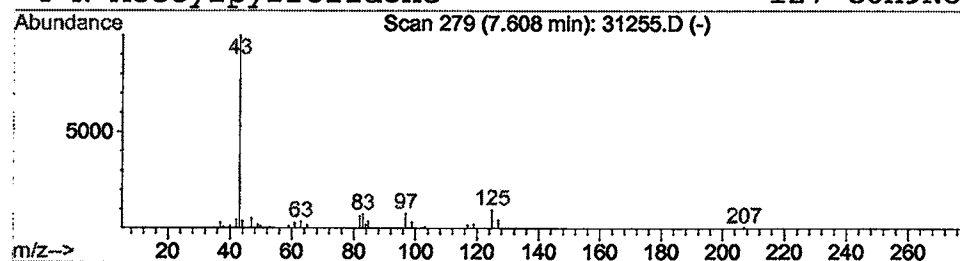
Vial: 9  
Operator: 209 GALOS  
Inst : GC/MS 209  
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)  
Title : 209 625/TCLP calibration table  
Library : C:\DATABASE\NBS75K.L

\*\*\*\*\*  
Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 2

| R.T. | EstConc   | Area   | Relative to ISTD       | R.T.  |
|------|-----------|--------|------------------------|-------|
| 7.61 | 0.67 ug/l | 182020 | 1,4-Dichlorobenzene-d4 | 11.53 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Propanone, 1,1,1-trichloro- | 160 | C3H3Cl3O | 000918-00-3 | 56   |
| 2    |    |   | 3-Pentyn-2-one, 5,5-diethoxy- | 170 | C9H14O3  | 055402-04-5 | 9    |
| 3    |    |   | 1-Octadecanol                 | 270 | C18H38O  | 000112-92-5 | 7    |
| 4    |    |   | N-Acetylpyrrolidone           | 127 | C6H9NO2  | 000932-17-2 | 5    |



## Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31255.D  
Acq On : 9 Jan 2002 9:35 pm  
Sample : gcms scan 12/24  
Misc :  
MS Integration Params: LSCINT.P

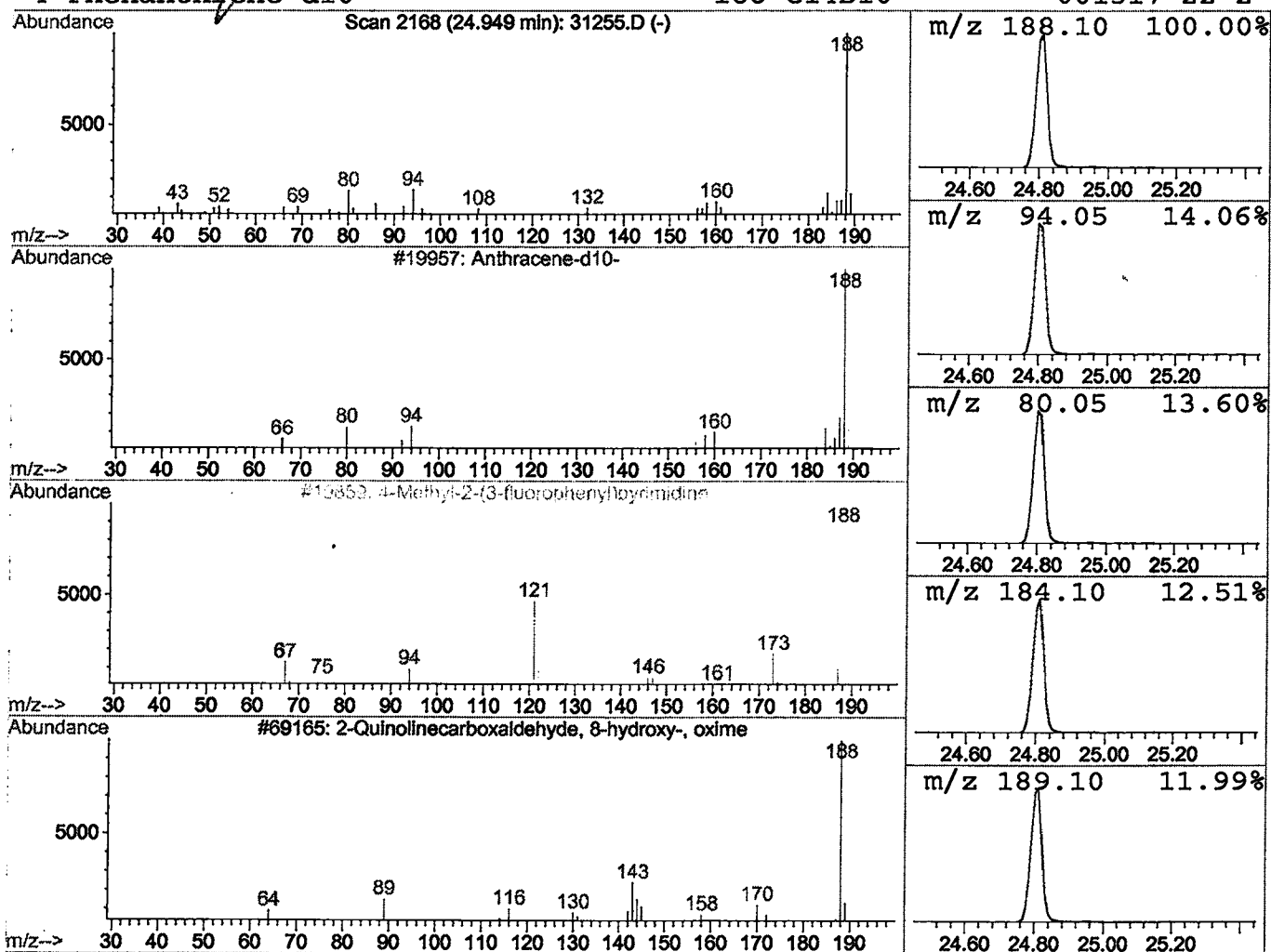
Vial: 9  
Operator: 209 GALOS  
Inst : GC/MS 209  
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)  
Title : 209 625/TCLP calibration table  
Library : C:\DATABASE\NBS75K.L

\*\*\*\*\*  
Peak Number 3 Anthracene-d10- Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD | R.T.  |
|-------|-----------|-------|------------------|-------|
| 24.95 | 0.23 ug/l | 81081 | Phenanthrene-d10 | 24.81 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Anthracene-d10                      | 188 | C14D10    | 001719-06-8 | 90   |
| 2    |    |   | 4-Methyl-2-(3-fluorophenyl)pyrimidi | 188 | C11H9FN2  | 076128-66-0 | 45   |
| 3    |    |   | 2-Quinolinecarboxaldehyde, 8-hydrox | 188 | C10H8N2O2 | 005603-22-5 | 40   |
| 4    |    |   | Phenanthrene-d10                    | 188 | C14D10    | 001517-22-2 | 38   |



# Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 9 Jan 2002 9:35 pm  
 Data File: C:\HPCHEM\1\DATA\JAN0802\31255.D  
 Name: gcms scan 12/24  
 Misc:  
 Method: C:\HPCHEM\1\METHODS\GCMS0103.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- | 7.47  | 3.4     | ug/l  | 927709 | ISTD01 | 11.53 | 5464380 | 20.0   |
| 2-Propanone, 1,1,1-t | 7.61  | 0.7     | ug/l  | 182020 | ISTD01 | 11.53 | 5464380 | 20.0   |
| Anthracene-d10       | 24.95 | 0.2     | ug/l  | 81081  | ISTD04 | 24.81 | 7015260 | 20.0   |

31255.D GCMS0103.M Wed Feb 06 11:23:46 2002

## Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB1402\31255.D

Vial: 28

Acq On : 15 Feb 2002 5:23 am

Operator: 209 GALOS

Sample : GC/MS SCAN 2/11

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Feb 15 12:01 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  | 378051   | 20.00 | ug/l  | -0.01    |
| 10) Naphthalene-d8        | 15.99 | 136  | 1489548  | 20.00 | ug/l  | -0.01    |
| 17) Acenaphthene-d10      | 21.30 | 164  | 798204   | 20.00 | ug/l  | -0.01    |
| 29) Phenanthrene-d10      | 25.76 | 188  | 1199732  | 20.00 | ug/l  | -0.01    |
| 38) Chrysene-d12          | 33.83 | 240  | 862376   | 20.00 | ug/l  | -0.02    |
| 44) Perylene-d12          | 38.10 | 264  | 543414   | 20.00 | ug/l  | -0.02    |

## System Monitoring Compounds

|               |       |     |          |      |        |      |
|---------------|-------|-----|----------|------|--------|------|
| 37) 2,4-DDD   | 30.83 | 235 | 55435    | 4.60 | ug/mL  | 0.33 |
| Spiked Amount | 5.000 |     | Recovery | =    | 92.00% |      |

## 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                 | 16.03 | 128 | 297 | 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            | 22.78 | 149 | 335 | 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

31255.D GCMS0208.M

Fri Feb 15 12:02:35 2002

Page 1

## Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB1402\31255.D

Vial: 28

Acq On : 15 Feb 2002 5:23 am

Operator: 209 GALOS

Sample : GC/MS SCAN 2/11

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Feb 15 12:01 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               | 25.81 | 178  | 1085     | N.D. |      |        |
| 34) Anthracene                 | 25.81 | 178  | 1563     | N.D. |      |        |
| 35) Di-n-butylphthalate        | 27.71 | 149  | 6942     | N.D. |      |        |
| 36) Fluoranthene               | 29.45 | 202  | 248      | N.D. |      |        |
| 39) Pyrene                     | 30.12 | 202  | 115      | N.D. |      |        |
| 40) Butylbenzylphthalate       | 0.00  | 149  | 0        | N.D. |      |        |
| 41) Benzo(a)anthracene         | 33.83 | 228  | 2139     | N.D. |      |        |
| 42) Bis(2-ethylhexyl)phthalate | 34.02 | 149  | 2534     | N.D. |      |        |
| 43) Chrysene                   | 33.83 | 228  | 2139     | 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             | 38.11 | 252  | 2230     | 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

31255.D GCMS0208.M Fri Feb 15 12:02:38 2002

Page 2

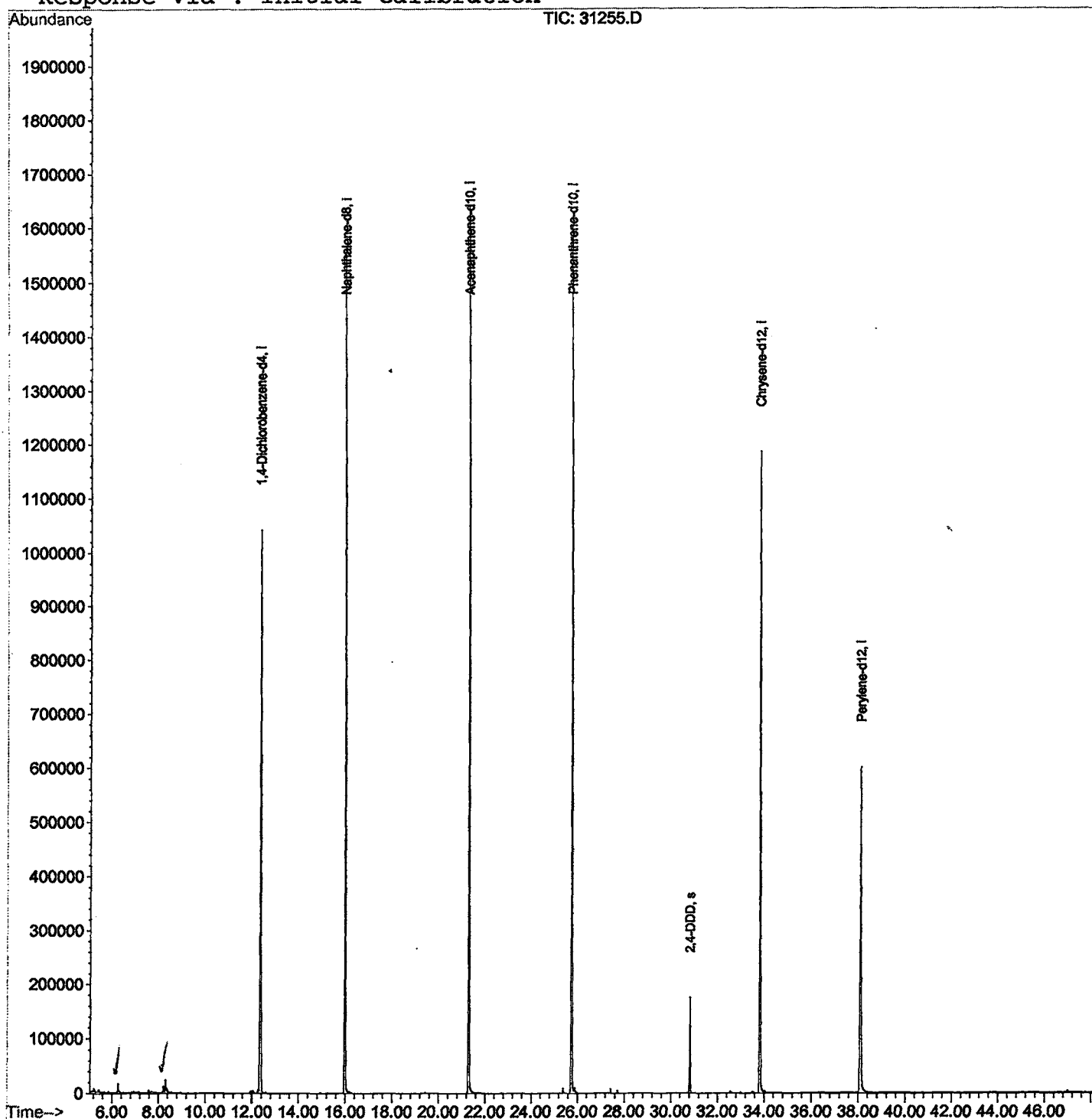
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB1402\31255.D  
Acq On : 15 Feb 2002 5:23 am  
Sample : GC/MS SCAN 2/11  
Misc :  
MS Integration Params: GOOFY.P  
Quant Time: Feb 15 12:01 2002

Vial: 28  
Operator: 209 GALOS  
Inst : GC/MS 209  
Multiplr: 1.00

Quant Results File: GCMS0208.RES

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



## LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB1402\31255.D

Acq On : 15 Feb 2002 5:23 am

Sample : GC/MS SCAN 2/11

Misc :

MS Integration Params: LSCINT.P

Vial: 28

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

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 &lt; 100 prefer &lt; Baseline drop else tangent &gt;

Peak separation: 5

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|--------------|----------------|---------------|
| 1         | 6.266       | 128           | 133         | 137          | rBV      | 17353          | 35177        | 1.05%          | 0.205%        |
| 2         | 8.304       | 352           | 355         | 360          | rBV      | 22260          | 48349        | 1.45%          | 0.282%        |
| 3         | 12.344      | 789           | 795         | 809          | rVB      | 1041993        | 2465438      | 73.75%         | 14.365%       |
| 4         | 15.988      | 1186          | 1192        | 1208         | rBV      | 1563970        | 3099645      | 92.72%         | 18.060%       |
| 5         | 21.304      | 1764          | 1771        | 1794         | rBV      | 1642264        | 3343180      | 100.00%        | 19.479%       |
| 6         | 25.756      | 2249          | 2256        | 2266         | rBV      | 1604029        | 3328289      | 99.55%         | 19.392%       |
| 7         | 30.824      | 2803          | 2808        | 2815         | rVB      | 174952         | 339664       | 10.16%         | 1.979%        |
| 8         | 33.826      | 3128          | 3135        | 3153         | rBV      | 1185669        | 2625715      | 78.54%         | 15.299%       |
| 9         | 38.113      | 3592          | 3602        | 3624         | rBV2     | 598912         | 1877572      | 56.16%         | 10.940%       |

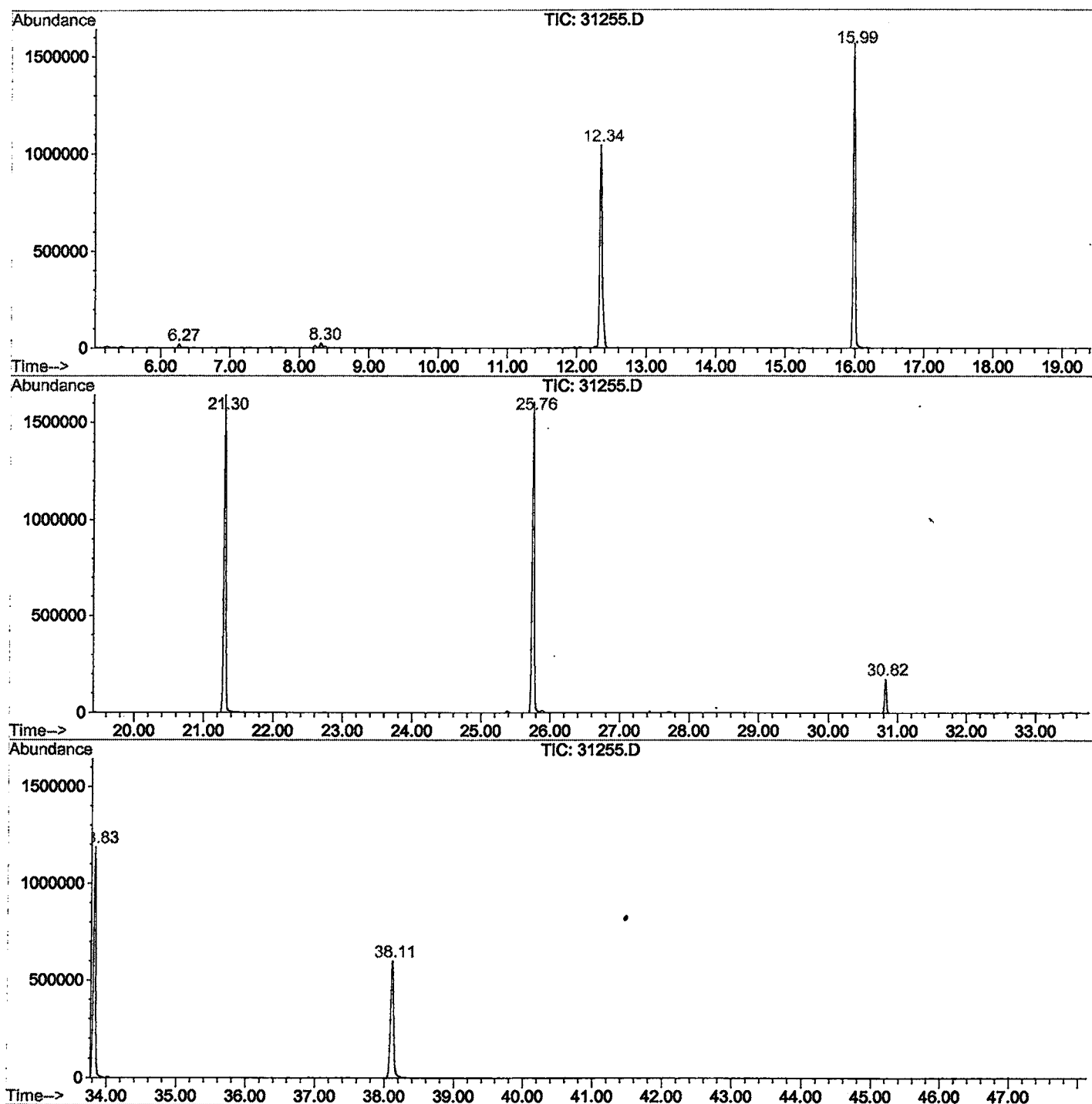
Sum of corrected areas: 17163029

31255.D GCMS0208.M

Fri Feb 15 14:04:05 2002

# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1402\31255.D  
 Operator : 209 GALOS  
 Acquired : 15 Feb 2002 5:23 am using AcqMethod GCMS0208  
 Instrument : GC/MS 209  
 Sample Name: GC/MS SCAN 2/11  
 Misc Info :  
 Vial Number: 28  
 Quant File :GCMS0208.RES (RTE Integrator)



31255.D GCMS0208.M

Fri Feb 15 14:04:10 2002

# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1402\31255.D  
 Acq On : 15 Feb 2002 5:23 am  
 Sample : GC/MS SCAN 2/11  
 Misc :  
 MS Integration Params: LSCINT.P

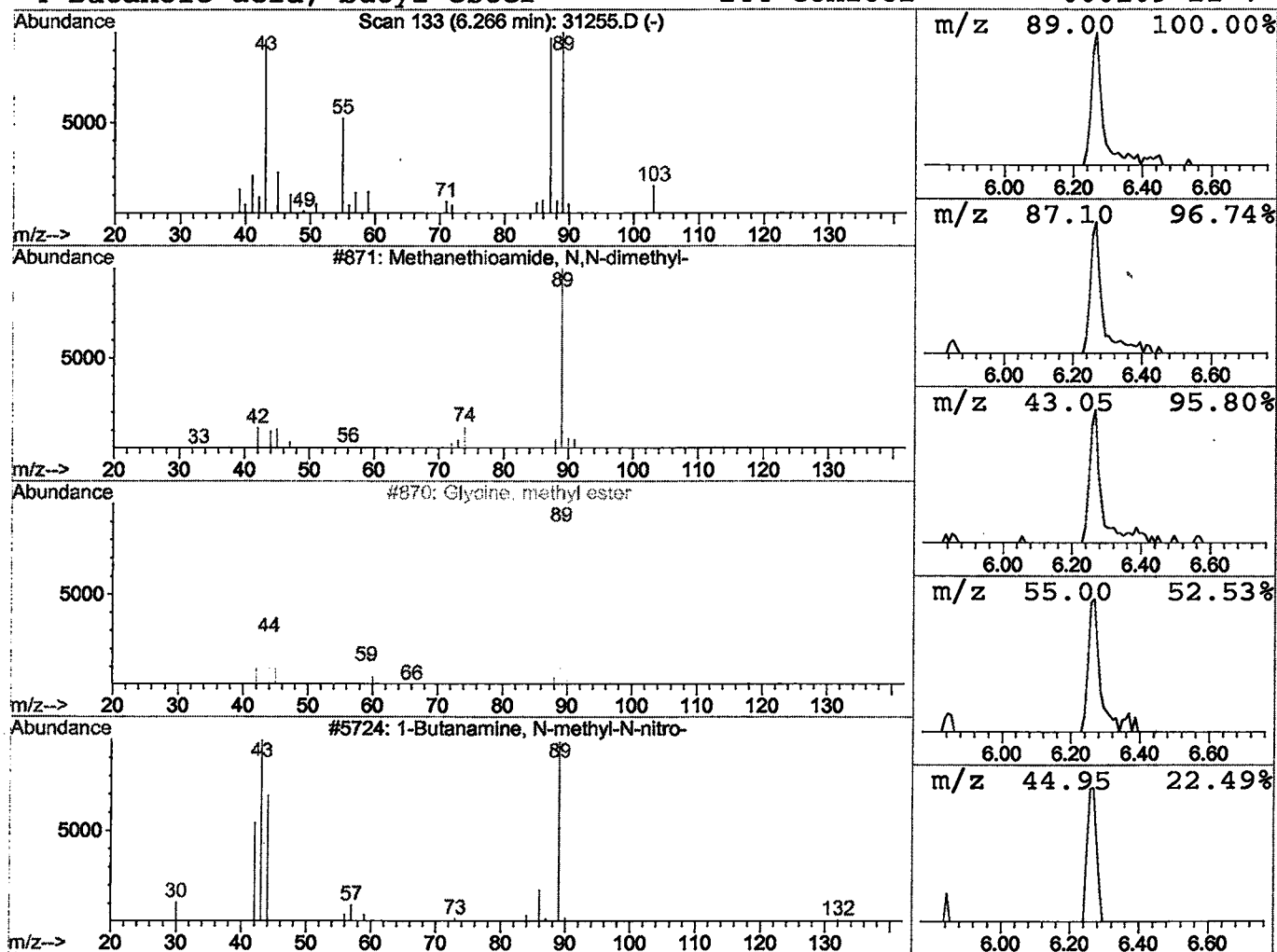
Vial: 28  
 Operator: 209 GALOS  
 Inst : GC/MS 209  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 1 Methanethioamide, N,N-dimethyl Concentration Rank 2

| R.T. | EstConc   | Area  | Relative to ISTD       | R.T.  |
|------|-----------|-------|------------------------|-------|
| 6.27 | 0.29 ug/l | 35177 | 1,4-Dichlorobenzene-d4 | 12.34 |

| Hit# of | 5 | Tentative ID                    | MW  | MolForm   | CAS#        | Qual |
|---------|---|---------------------------------|-----|-----------|-------------|------|
| 1       |   | Methanethioamide, N,N-dimethyl- | 89  | C3H7NS    | 000758-16-7 | 53   |
| 2       |   | Glycine, methyl ester           | 89  | C3H7NO2   | 000616-34-2 | 38   |
| 3       |   | 1-Butanamine, N-methyl-N-nitro- | 132 | C5H12N2O2 | 052330-07-1 | 36   |
| 4       |   | Butanoic acid, butyl ester      | 144 | C8H16O2   | 000109-21-7 | 36   |



## Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1402\31255.D  
Acq On : 15 Feb 2002 5:23 am  
Sample : GC/MS SCAN 2/11  
Misc :  
MS Integration Params: LSCINT.P

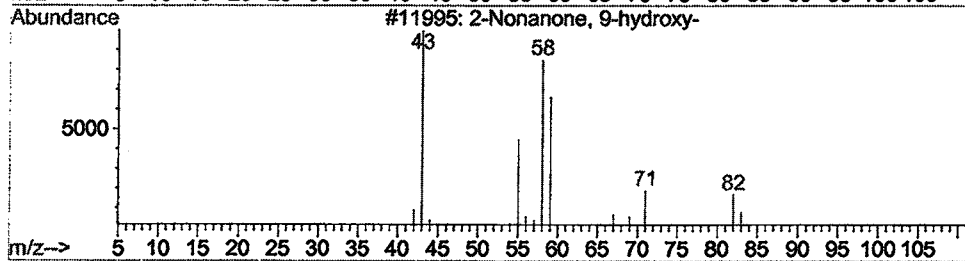
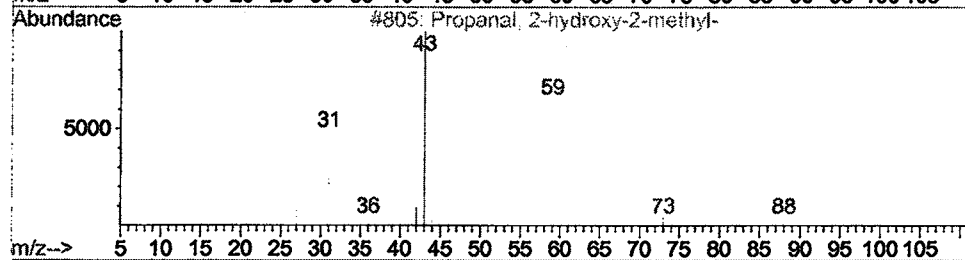
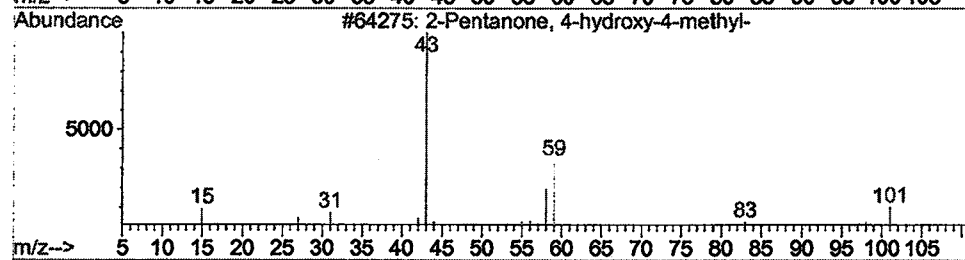
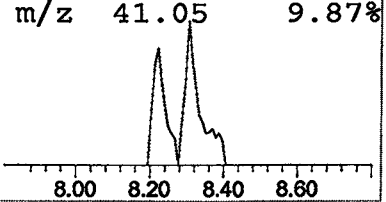
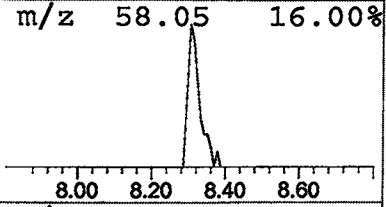
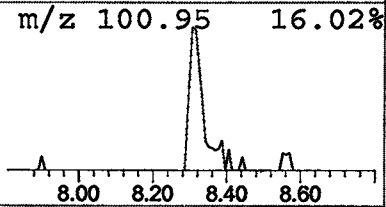
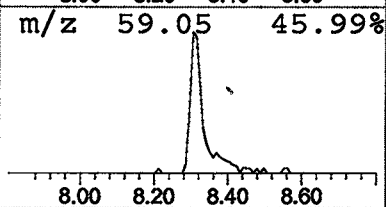
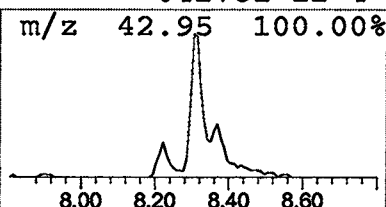
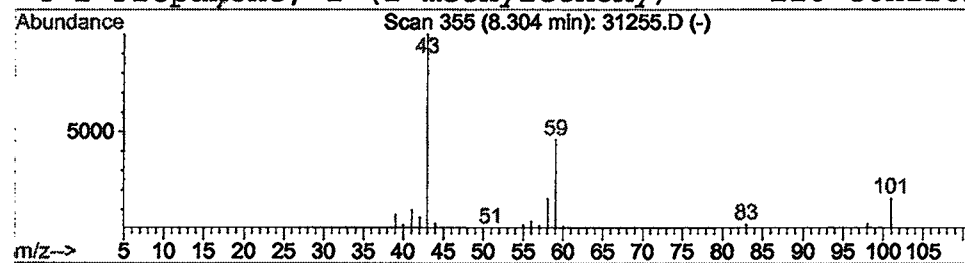
Vial: 28  
Operator: 209 GALOS  
Inst : GC/MS 209  
Multiplr: 1.00

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

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

| R.T. | EstConc   | Area  | Relative to ISTD       | R.T.  |
|------|-----------|-------|------------------------|-------|
| 8.30 | 0.39 ug/l | 48349 | 1,4-Dichlorobenzene-d4 | 12.34 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 64   |
| 2    |    |   | Propanal, 2-hydroxy-2-methyl-    | 88  | C4H8O2  | 020818-81-9 | 33   |
| 3    |    |   | 2-Nonanone, 9-hydroxy-           | 158 | C9H18O2 | 025368-56-3 | 9    |
| 4    |    |   | 2-Propanone, 1-(1-methylethoxy)- | 116 | C6H12O2 | 042781-12-4 | 9    |



# Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 15 Feb 2002 5:23 am  
 Data File: C:\HPCHEM\1\DATA\FEB1402\31255.D  
 Name: GC/MS SCAN 2/11  
 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 |
|----------------------|------|---------|-------|-------|--------|-------|---------|--------|
| Methanethioamide, N, | 6.27 | 0.3     | ug/l  | 35177 | ISTD01 | 12.34 | 2465440 | 20.0   |
| 2-Pentanone, 4-hydro | 8.30 | 0.4     | ug/l  | 48349 | ISTD01 | 12.34 | 2465440 | 20.0   |

31255.D GCMS0208.M Fri Feb 15 14:04:24 2002