

## Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2502\1967.D

Vial: 39

Acq On : 27 Feb 2002 3:25 am

Operator:

Sample : gc/ms scan 1/29

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Mar 19 10:53 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

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 12.32 | 152  | 255877   | 20.00 | ug/l  | -0.04    |
| 10) Naphthalene-d8        | 15.96 | 136  | 981466   | 20.00 | ug/l  | -0.04    |
| 17) Acenaphthene-d10      | 21.27 | 164  | 518496   | 20.00 | ug/l  | -0.05    |
| 29) Phenanthrene-d10      | 25.72 | 188  | 718752   | 20.00 | ug/l  | -0.05    |
| 38) Chrysene-d12          | 33.78 | 240  | 483335   | 20.00 | ug/l  | -0.07    |
| 44) Perylene-d12          | 38.06 | 264  | 318531   | 20.00 | ug/l  | -0.07    |

## System Monitoring Compounds

|               |       |     |          |      |        |      |
|---------------|-------|-----|----------|------|--------|------|
| 37) 2,4-DDD   | 30.80 | 235 | 32926    | 4.39 | ug/mL  | 0.30 |
| Spiked Amount | 5.000 |     | Recovery | =    | 87.80% |      |

## 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                 | 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          | 0.00 | 165 | 0 | 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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## Quantitation Report

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Operator:

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Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Mar 19 10:53 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               | 0.00  | 178  | 0        | N.D. |      |        |
| 34) Anthracene                 | 0.00  | 178  | 0        | N.D. |      |        |
| 35) Di-n-butylphthalate        | 27.69 | 149  | 899      | 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         | 33.79 | 228  | 976      | N.D. |      |        |
| 42) Bis(2-ethylhexyl)phthalate | 33.98 | 149  | 617      | N.D. |      |        |
| 43) Chrysene                   | 33.79 | 228  | 976      | 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  | 1134     | 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

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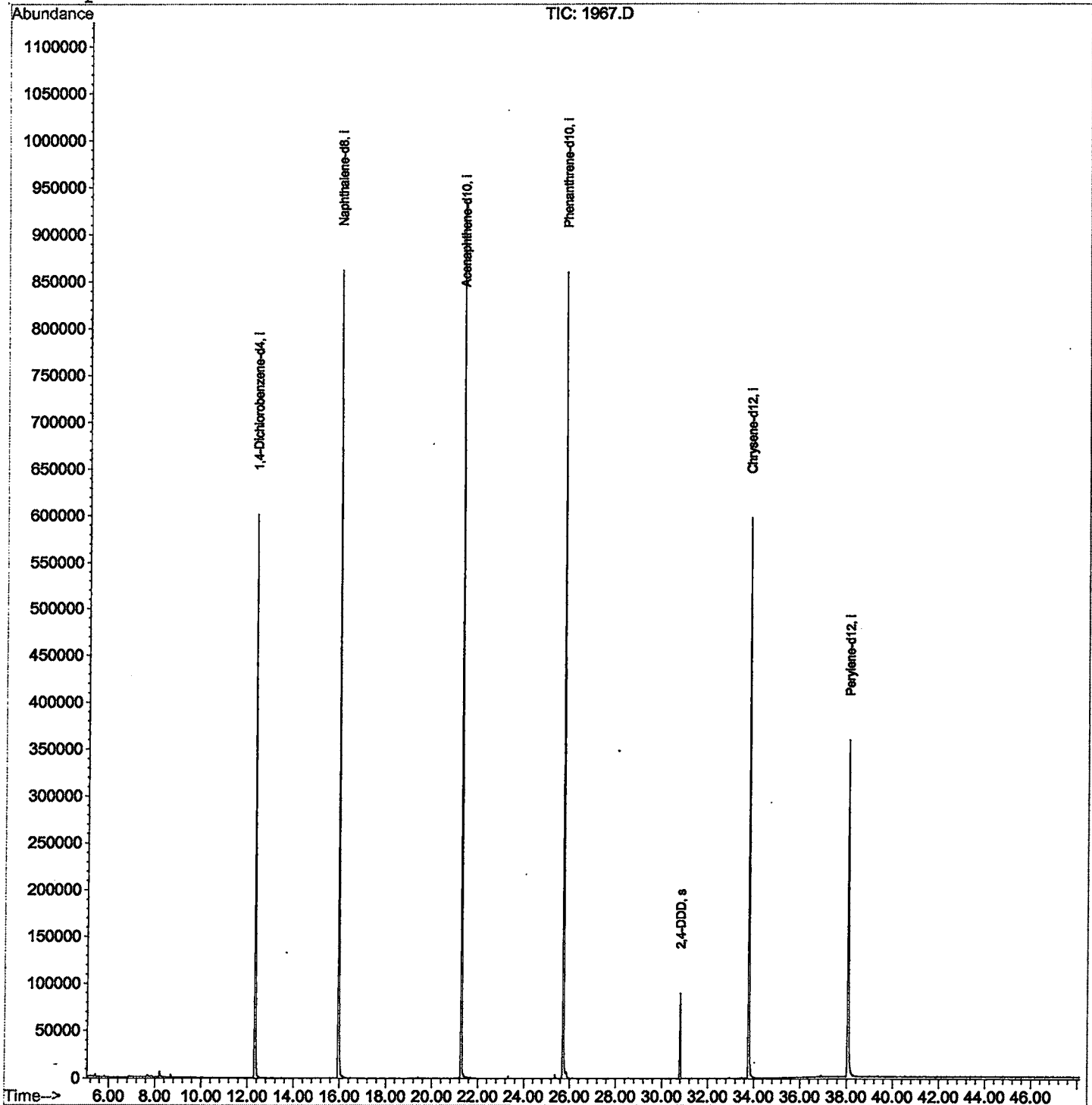
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB2502\1967.D  
Acq On : 27 Feb 2002 3:25 am  
Sample : gc/ms scan 1/29  
Misc :  
MS Integration Params: GOOFY.P  
Quant Time: Mar 19 10:53 2002

Vial: 39  
Operator:  
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 27 11:30:15 2002  
Response via : Initial Calibration



## LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB2502\1967.D

Vial: 39

Acq On : 27 Feb 2002 3:25 am

Operator:

Sample : gc/ms scan 1/29

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<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         | 12.316      | 787           | 792         | 808          | rBV      | 601353         | 1456576      | 71.38%         | 14.501%       |
| 2         | 15.961      | 1183          | 1189        | 1207         | rBV      | 861623         | 1908549      | 93.53%         | 19.001%       |
| 3         | 21.267      | 1761          | 1767        | 1783         | rBV      | 937709         | 2040606      | 100.00%        | 20.316%       |
| 4         | 25.719      | 2245          | 2252        | 2264         | rBV2     | 859754         | 1906046      | 93.41%         | 18.976%       |
| 5         | 30.796      | 2800          | 2805        | 2812         | rBV      | 89763          | 170652       | 8.36%          | 1.699%        |
| 6         | 33.780      | 3124          | 3130        | 3144         | rBV2     | 597785         | 1451913      | 71.15%         | 14.455%       |
| 7         | 38.058      | 3588          | 3596        | 3614         | rBV2     | 357712         | 1110151      | 54.40%         | 11.052%       |

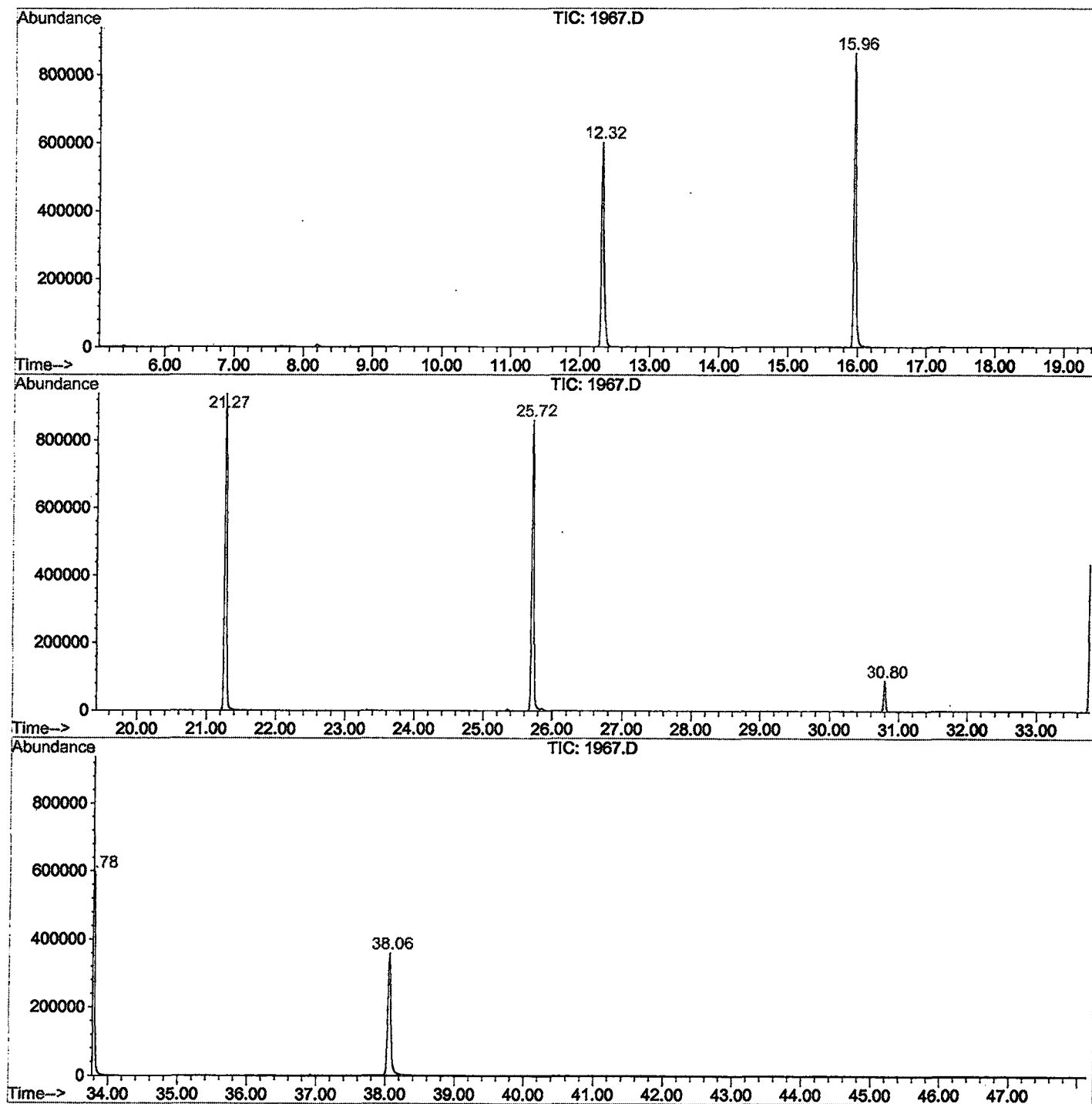
Sum of corrected areas: 10044493

1967.D GCMS0208.M

Tue Mar 19 11:03:34 2002

# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2502\1967.D  
 Operator :  
 Acquired : 27 Feb 2002 3:25 am using AcqMethod GCMS0208  
 Instrument : GC/MS 209  
 Sample Name: gc/ms scan 1/29  
 Misc Info :  
 Vial Number: 39  
 Quant File :GCMS0208.RES (RTE Integrator)



1967.D GCMS0208.M

Tue Mar 19 11:03:39 2002

## Tentatively Identified Compound (LSC) summary

Operator ID:            Date Acquired: 27 Feb 2002    3:25 am  
Data File: C:\HPCHEM\1\DATA\FEB2502\1967.D  
Name: gc/ms scan 1/29  
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 |
|-------------------|----|---------|--------------------------|------|--------|------|--------|--------|
| -----             |    |         |                          |      |        |      |        |        |
| 1967.D GCMS0208.M |    |         | Tue Mar 19 11:03:43 2002 |      |        |      |        |        |