User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/03/2001 Time: 12:24:02

Sample: AD26208
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/3/01 12:22 Ended: 12/3/01 12:22 Analyst: MG
Page: 1

| | Component Name | Viol | Result |
|---|---|---|---|
| 1 | Other unknown compounds | | see comment |

**Comments for Sample AD26208 - Analysis $GCMS**

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-03-2001 Time: 12:24:07

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26208.D Vial: 55
Acq On : 30 Nov 2001 7:36 pm Operator: 209 GALOS
Sample : 11/2 gc/ms Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 20:24 2001 Quant Results File: NP112601.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Nov 27 09:03:50 2001
Response via : Initial Calibration
DataAcq Meth : NP112601

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 11.70 | 152 | 793056 | 20.00 | ug/l | 0.00 |
| 19) Naphthalene-d8 | 15.31 | 136 | 3018511 | 20.00 | ug/l | 0.00 |
| 31) Acenaphthene-d10 | 20.58 | 164 | 1411335 | 20.00 | ug/l | 0.00 |
| 49) Phenanthrene-d10 | 25.00 | 188 | 1916246 | 20.00 | ug/l | 0.00 |
| 59) Chrysene-d12 | 33.03 | 240 | 1083260 | 20.00 | ug/l | 0.00 |
| 68) Perylene-d12 | 37.12 | 264 | 734483 | 20.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 0.00 | 112 | 0 | 0.00 | ug/l | |
| Spiked Amount 75.000 | | | Recovery = | 0.00% | | |
| 5) Phenol-d5 | 0.00 | 99 | 0 | 0.00 | ug/l | |
| Spiked Amount 75.000 | | | Recovery = | 0.00% | | |
| 6) 2-Chlorophenol-d4 | 11.70 | 132 | 468 | 0.01 | ug/l | 0.49 |
| Spiked Amount 75.000 | | | Recovery = | 0.01% | | |
| 7) 1,2-Dichlorobenzene-d4 | 12.22 | 152 | 10695 | 0.32 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 0.64% | | |
| 20) Nitrobenzene-d5 | 0.00 | 82 | 0 | 0.00 | ug/l | |
| Spiked Amount 50.000 | | | Recovery = | 0.00% | | |
| 32) 2-Fluorobiphenyl | 18.73 | 172 | 3497 | 0.04 | ug/l | 0.15 |
| Spiked Amount 50.000 | | | Recovery = | 0.08% | | |
| 33) 2,4,6-Tribromophenol | 0.00 | 330 | 0 | 0.00 | ug/l | |
| Spiked Amount 75.000 | | | Recovery = | 0.00% | | |
| 62) Terphenyl-d14 | 0.00 | 244 | 0 | 0.00 | ug/l | |
| Spiked Amount 50.000 | | | Recovery = | 0.00% | | |

| Target Compounds | | | | Qvalue |
|---|---|---|---|---|
| 2) Pyridine | 0.00 | 79 | 0 | N.D. |
| 3) N-nitroso-dimethyl amine | 0.00 | 74 | 0 | N.D. |
| 8) Phenol | 0.00 | 94 | 0 | N.D. |
| 9) bis(2-Chloroethyl)ether | 0.00 | 93 | 0 | N.D. |
| 10) 2-Chlorophenol | 0.00 | 128 | 0 | N.D. |
| 11) 1,3-Dichlorobenzene | 0.00 | 146 | 0 | N.D. |
| 12) 1,4-Dichlorobenzene | 0.00 | 146 | 0 | N.D. |
| 13) 1,2-Dichlorobenzene | 0.00 | 146 | 0 | N.D. |
| 14) 2-Methylphenol | 0.00 | 108 | 0 | N.D. |
| 15) 2,2'-oxybis(1-Chloropropan | 0.00 | 45 | 0 | N.D. |
| 16) 3&4-Methylphenol | 0.00 | 108 | 0 | N.D. |
| 17) N-Nitroso-di-n-propylamine | 0.00 | 70 | 0 | N.D. |
| 18) Hexachloroethane | 0.00 | 117 | 0 | N.D. |
| 21) Nitrobenzene | 0.00 | 77 | 0 | N.D. |
| 22) Isophorone | 0.00 | 82 | 0 | N.D. |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26208.D Vial: 55
Acq On : 30 Nov 2001 7:36 pm Operator: 209 GALOS
Sample : 11/2 gc/ms Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 20:24 2001 Quant Results File: NP112601.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Nov 27 09:03:50 2001
Response via : Initial Calibration
DataAcq Meth : NP112601

| Compound | R.T. | QIon | Response | Conc Unit | Qvalue |
|---|---|---|---|---|---|
| 23) 2-Nitrophenol | 0.00 | 139 | 0 | N.D. | |
| 24) 2,4-Dimethylphenol | 0.00 | 107 | 0 | N.D. | |
| 25) bis(2-Chloroethoxy)methane | 0.00 | 93 | 0 | N.D. | |
| 26) 2,4-Dichlorophenol | 0.00 | 162 | 0 | N.D. | |
| 27) 1,2,4-Trichlorobenzene | 0.00 | 180 | 0 | N.D. | |
| 28) Naphthalene | 0.00 | 128 | 0 | N.D. | |
| 29) Hexachlorobutadiene | 0.00 | 225 | 0 | N.D. | |
| 30) 4-Chloro-3-methylphenol | 0.00 | 107 | 0 | N.D. | |
| 34) Hexachlorocyclopentadiene | 0.00 | 237 | 0 | N.D. | |
| 35) 2,4,6-Trichlorophenol | 0.00 | 196 | 0 | N.D. | |
| 36) 2,4,5-Trichlorophenol | 0.00 | 196 | 0 | N.D. | |
| 37) 2-Chloronaphthalene | 0.00 | 162 | 0 | N.D. | |
| 38) Dimethylphthalate | 0.00 | 163 | 0 | N.D. | |
| 39) 2,6-Dinitrotoluene | 0.00 | 165 | 0 | N.D. | |
| 40) Acenaphthylene | 0.00 | 152 | 0 | N.D. | |
| 41) Acenaphthene | 0.00 | 153 | 0 | N.D. | |
| 42) 2,4-Dinitrophenol | 0.00 | 184 | 0 | N.D. | |
| 43) 4-Nitrophenol | 0.00 | 65 | 0 | N.D. | |
| 44) 2,4-Dinitrotoluene | 21.09 | 165 | 214 | N.D. | |
| 45) Diethylphthalate | 22.12 | 149 | 108 | N.D. | |
| 46) 4-Chlorophenyl-phenylether | 0.00 | 204 | 0 | N.D. | |
| 47) Fluorene | 0.00 | 166 | 0 | N.D. | |
| 48) Azobenzen/ 1,2-Diphenylhyd | 0.00 | 77 | 0 | N.D. | |
| 50) 4,6-Dinitro-2-methylphenol | 0.00 | 198 | 0 | N.D. | |
| 51) N-Nitrosodiphenylamine | 0.00 | 168 | 0 | N.D. | |
| 52) 4-Bromophenyl-phenylether | 0.00 | 248 | 0 | N.D. | |
| 53) Hexachlorobenzene | 0.00 | 284 | 0 | N.D. | |
| 54) Pentachlorophenol | 0.00 | 266 | 0 | N.D. | |
| 55) Phenanthrene | 25.07 | 178 | 239 | N.D. | |
| 56) Anthracene | 25.07 | 178 | 239 | N.D. | |
| 57) Di-n-butylphthalate | 27.02 | 149 | 2589 | N.D. | |
| 58) Fluoranthene | 0.00 | 202 | 0 | N.D. | |
| 60) 3,3'-Dichlorobenzidine | 0.00 | 252 | 0 | N.D. | |
| 61) Benzidine | 0.00 | 184 | 0 | N.D. | |
| 63) Pyrene | 0.00 | 202 | 0 | N.D. | |
| 64) Butylbenzylphthalate | 0.00 | 149 | 0 | N.D. | |
| 65) Benzo(a)anthracene | 33.03 | 228 | 2475 | N.D. | |
| 66) Bis(2-ethylhexyl)phthalate | 33.31 | 149 | 1114 | N.D. | |
| 67) Chrysene | 33.03 | 228 | 2475 | N.D. | |
| 69) Di-n-Octylphthalate | 0.00 | 149 | 0 | N.D. | |
| 70) Benzo(b)fluoranthene | 0.00 | 252 | 0 | N.D. | |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26208.D Vial: 55
Acq On : 30 Nov 2001 7:36 pm Operator: 209 GALOS
Sample : 11/2 gc/ms Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 20:24 2001 Quant Results File: NP112601.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Nov 27 09:03:50 2001
Response via : Initial Calibration
DataAcq Meth : NP112601

| Compound | R.T. | QIon | Response | Conc Unit | Qvalue |
|---|---|---|---|---|---|
| 71) Benzo(k)fluoranthene | 0.00 | 252 | 0 | N.D. | |
| 72) Benzo(a)pyrene | 37.13 | 252 | 2639 | N.D. | |
| 73) Indeno(1,2,3-cd)pyrene | 0.00 | 276 | 0 | N.D. | |
| 74) Dibenz(a,h)anthracene | 0.00 | 278 | 0 | N.D. | |
| 75) Benzo(g,h,i)perylene | 0.00 | 276 | 0 | N.D. | |

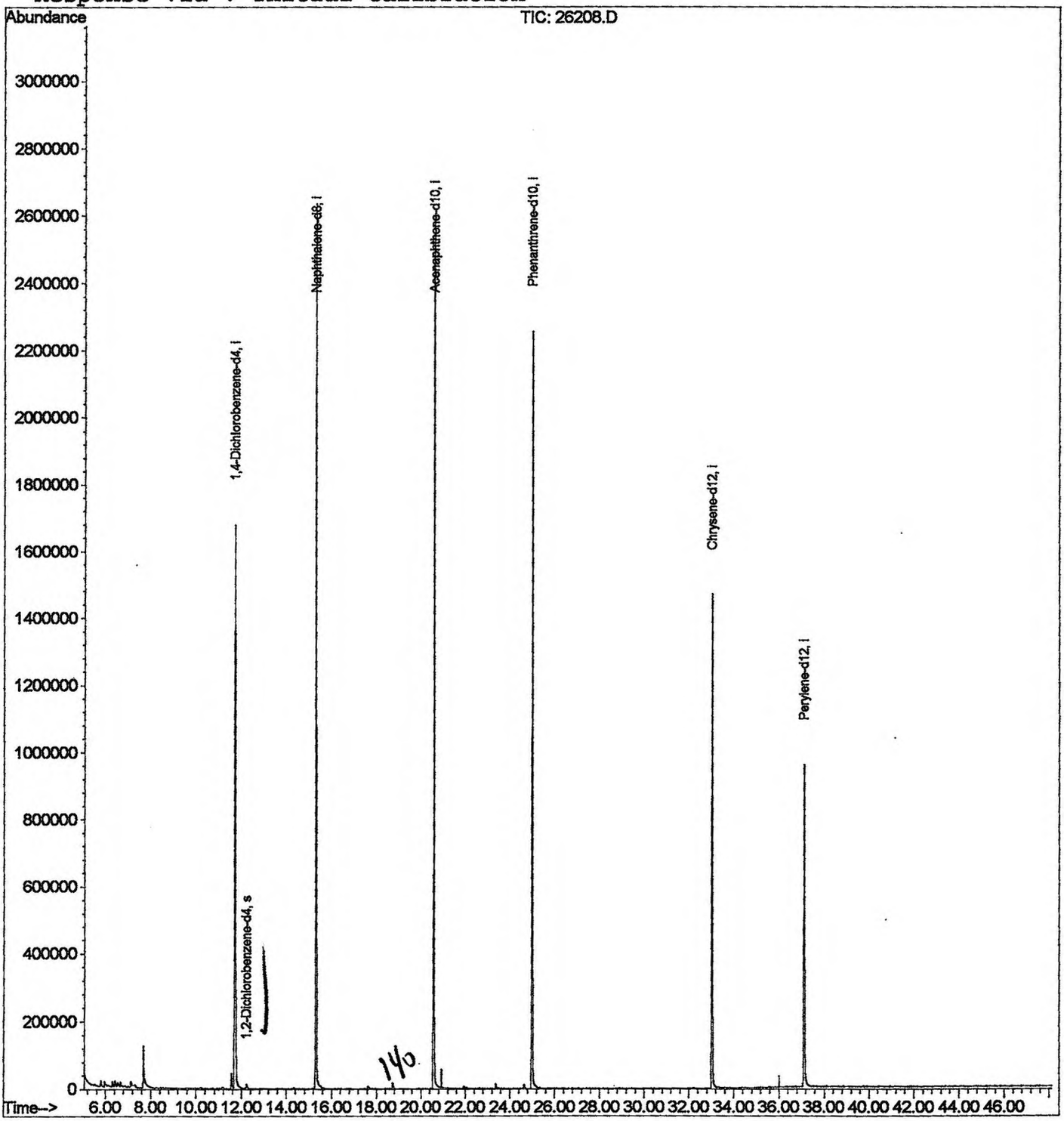
(#) = qualifier out of range (m) = manual integration

# Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26208.D
Acq On : 30 Nov 2001 7:36 pm
Sample : 11/2 gc/ms
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 30 20:24 2001

Vial: 55
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: NP112601.RES

Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Nov 27 09:03:50 2001
Response via : Initial Calibration



# LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26208.D  Vial: 55
Acq On : 30 Nov 2001 7:36 pm  Operator: 209 GALOS
Sample : 11/2 gc/ms  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP112601.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

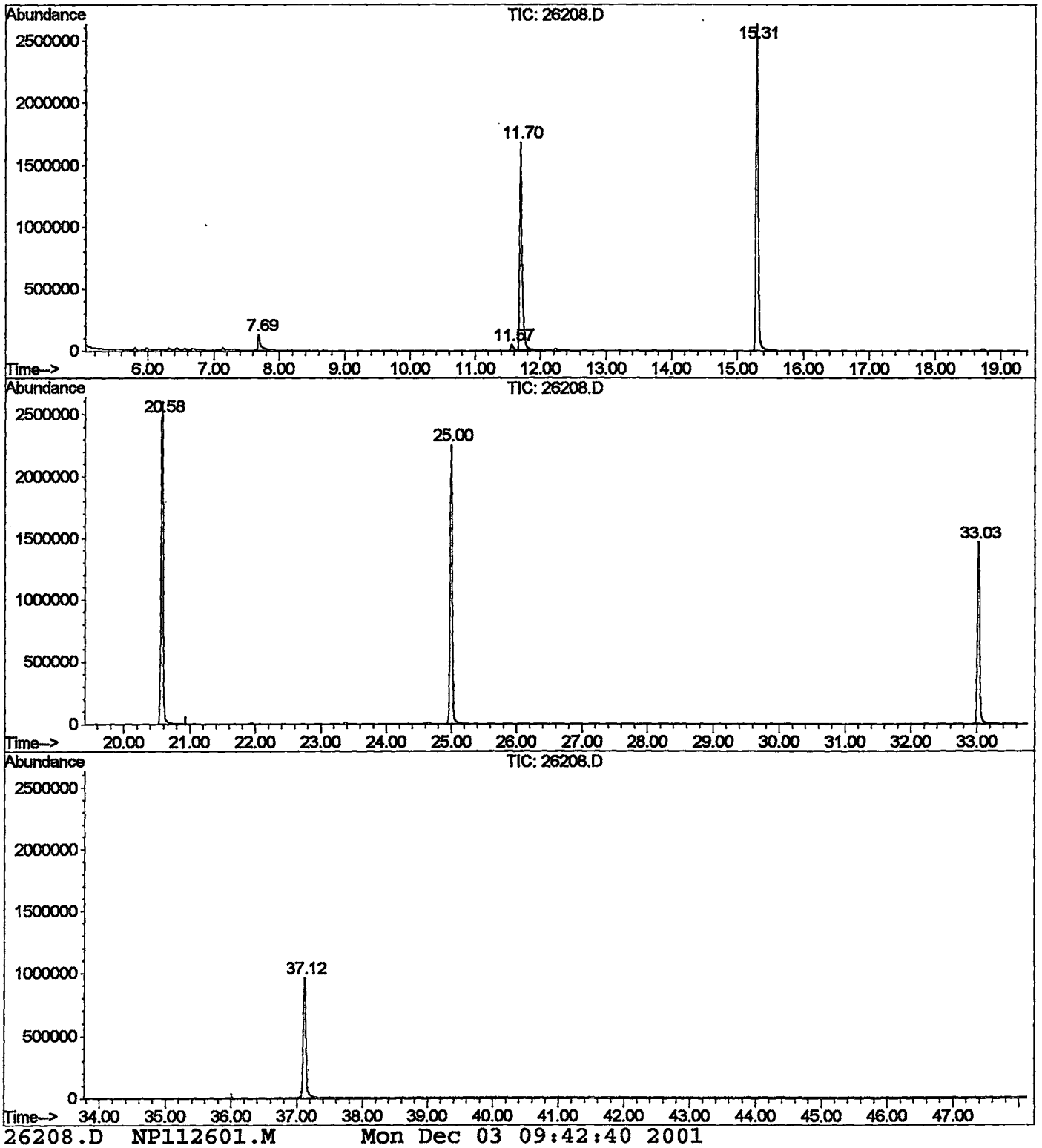
| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.686 | 284 | 288 | 305 | rBV | 123641 | 355486 | 6.20% | 1.305% |
| 2 | 11.569 | 706 | 711 | 720 | rBV | 45381 | 121096 | 2.11% | 0.445% |
| 3 | 11.697 | 720 | 725 | 743 | rBV | 1675967 | 4304079 | 75.07% | 15.801% |
| 4 | 15.305 | 1112 | 1118 | 1137 | rBV | 2633651 | 5683161 | 99.13% | 20.864% |
| 5 | 20.584 | 1686 | 1693 | 1713 | rBV | 2597914 | 5733327 | 100.00% | 21.048% |
| 6 | 25.000 | 2168 | 2174 | 2187 | rBV2 | 2254614 | 4950231 | 86.34% | 18.173% |
| 7 | 33.032 | 3042 | 3049 | 3062 | rBV2 | 1469410 | 3433908 | 59.89% | 12.606% |
| 8 | 37.118 | 3487 | 3494 | 3510 | rBV2 | 955208 | 2658114 | 46.36% | 9.758% |

Sum of corrected areas: 27239402

26208.D NP112601.M Mon Dec 03 09:42:38 2001

# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV3001\26208.D
Operator : 209 GALOS
Acquired : 30 Nov 2001 7:36 pm using AcqMethod NP112601
Instrument : GC/MS 209
Sample Name: 11/2 gc/ms
Misc Info :
Vial Number: 55
Quant File :NP112601.RES (RTE Integrator)




26208.D NP112601.M Mon Dec 03 09:42:40 2001

# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26208.D
Acq On : 30 Nov 2001 7:36 pm
Sample : 11/2 gc/ms
Misc :
MS Integration Params: LSCINT.P

Vial: 55
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

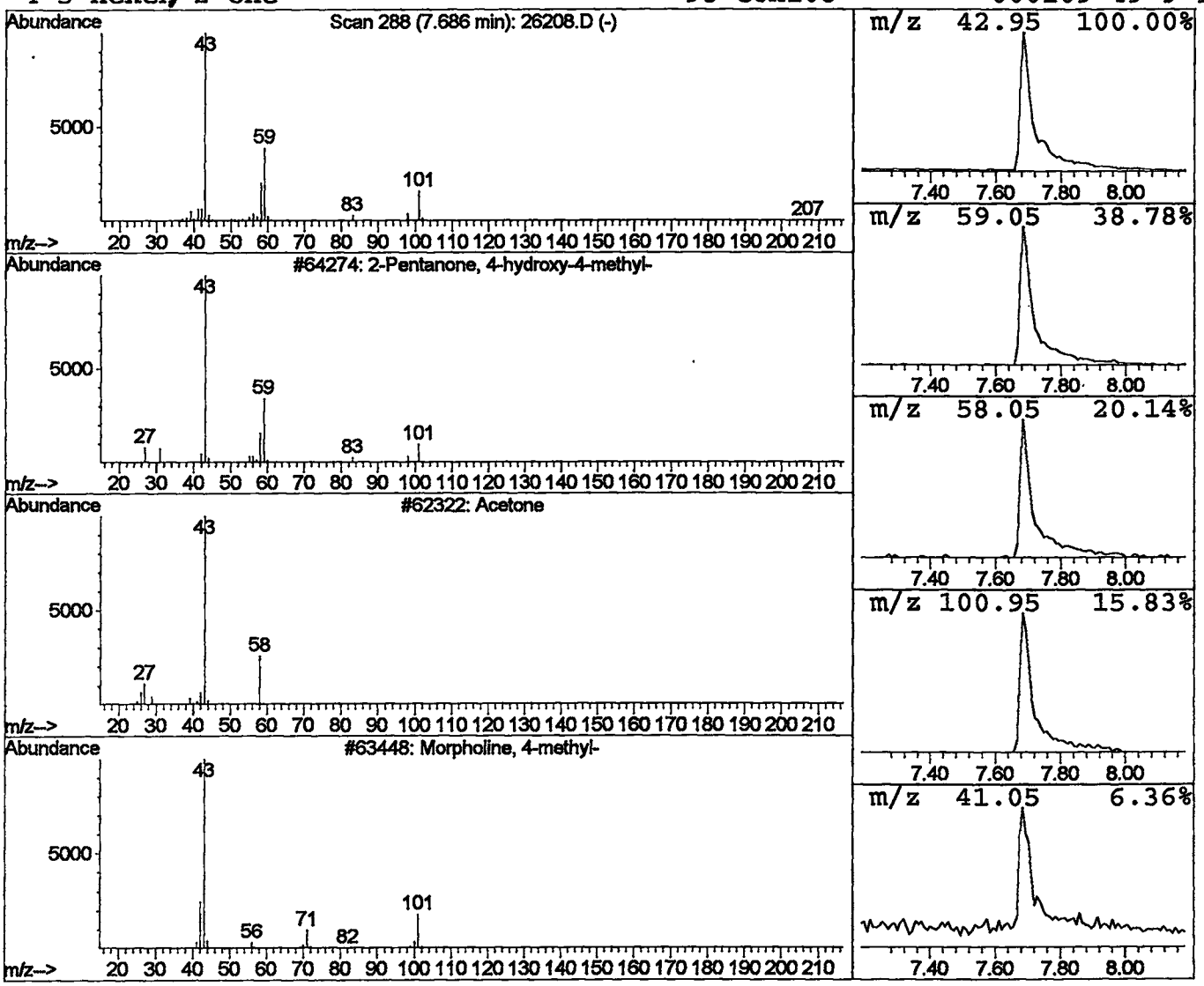
Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.69 | 1.65 ug/l | 355486 | 1,4-Dichlorobenzene-d4 | 11.70 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 74 |
| 2 | Acetone | 58 | C3H6O | 000067-64-1 | 16 |
| 3 | Morpholine, 4-methyl- | 101 | C5H11NO | 000109-02-4 | 9 |
| 4 | 5-Hexen-2-one | 98 | C6H10O | 000109-49-9 | 9 |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26208.D
Acq On : 30 Nov 2001 7:36 pm
Sample : 11/2 gc/ms
Misc :
MS Integration Params: LSCINT.P

Vial: 55
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

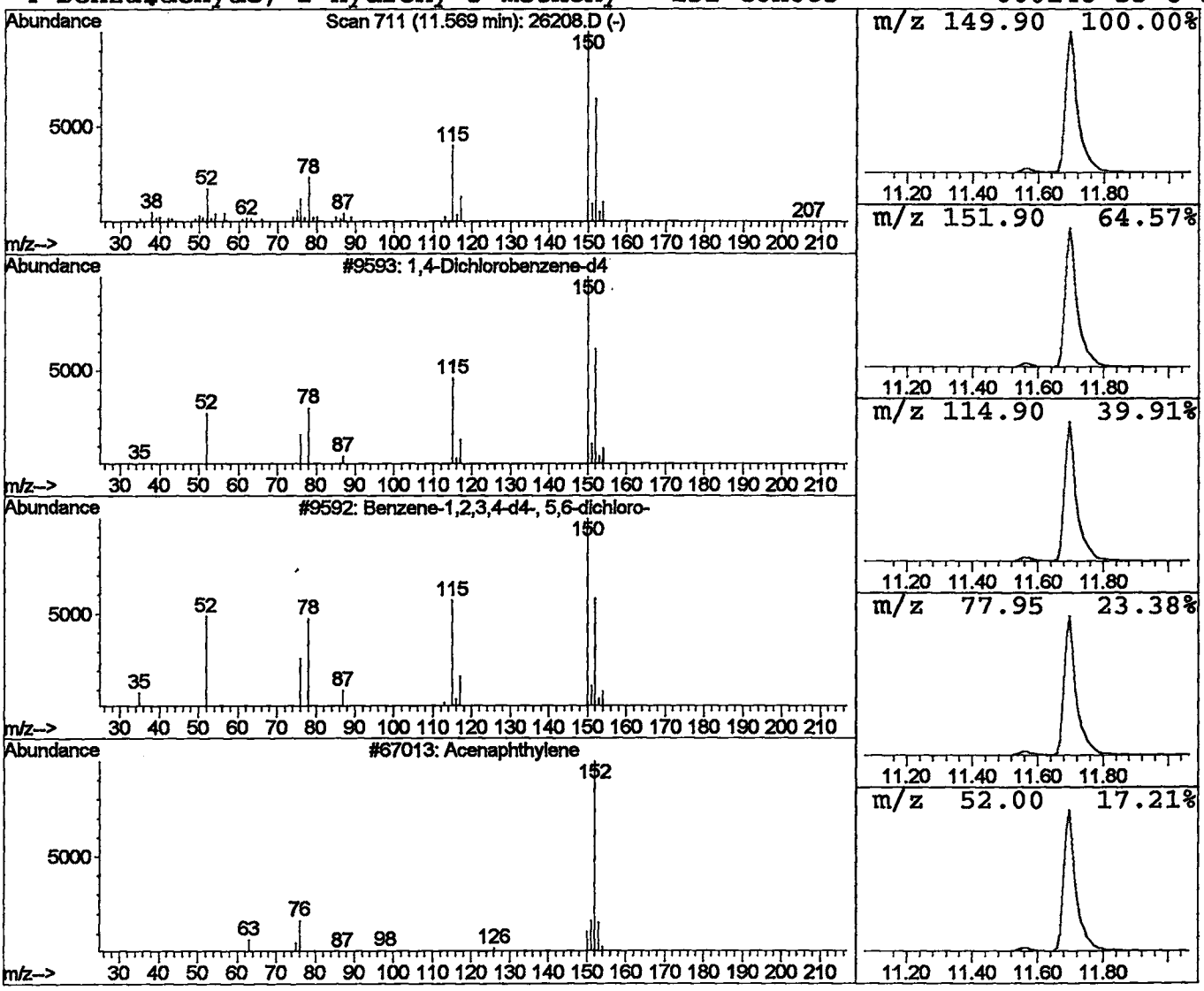
Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 2 1,4-Dichlorobenzene-d4 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.57 | 0.56 ug/l | 121096 | 1,4-Dichlorobenzene-d4 | 11.70 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,4-Dichlorobenzene-d4 | 150 | C6Cl2D4 | 003855-82-1 | 72 |
| 2 | Benzene-1,2,3,4-d4-, 5,6-dichloro- | 150 | C6Cl2D4 | 002199-69-1 | 25 |
| 3 | Acenaphthylene | 152 | C12H8 | 000208-96-8 | 14 |
| 4 | Benzaldehyde, 2-hydroxy-3-methoxy- | 152 | C8H8O3 | 000148-53-8 | 10 |



# Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 30 Nov 2001 7:36 pm
Data File: C:\HPCHEM\1\DATA\NOV3001\26208.D
Name: 11/2 gc/ms
Misc:
Method: C:\HPCHEM\1\METHODS\NP112601.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 | 7.69 | 1.7 | ug/l | 355486 | ISTD01 | 11.70 | 4304080 | 20.0 |
| 1,4-Dichlorobenzene- | 11.57 | 0.6 | ug/l | 121096 | ISTD01 | 11.70 | 4304080 | 20.0 |

26208.D NP112601.M Mon Dec 03 09:42:47 2001