User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 16:22:21

Sample: AD30646
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 16:22 Ended: 2/11/02 16:22 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		83		5.0

Comments for Sample AD30646 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 16:22:33

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\FEB0802\30646.D Vial: 9
Acq On : 8 Feb 2002 5:06 pm Operator: 209 GALOS
Sample : GC/MS SCAN 2/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 11 12:10 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.35	152	303927	20.00	ug/l	0.00
10) Naphthalene-d8	16.00	136	1151231	20.00	ug/l	0.00
17) Acenaphthene-d10	21.31	164	603426	20.00	ug/l	0.00
29) Phenanthrene-d10	25.76	188	871588	20.00	ug/l	-0.01
38) Chrysene-d12	33.82	240	532096	20.00	ug/l	-0.02
44) Perylene-d12	38.11	264	316189	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.83	235	44976	4.15	ug/mL	0.33
Spiked Amount 5.000			Recovery = 83.00%			
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	16.04	128	467	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	22.79	149	254	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)

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Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 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	25.82	178	209	N.D.	
34)	Anthracene	25.82	178	209	N.D.	
35)	Di-n-butylphthalate	27.72	149	3451	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	33.82	228	1274	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.03	149	1513	N.D.	
43)	Chrysene	33.82	228	1274	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	38.12	252	1246	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.	

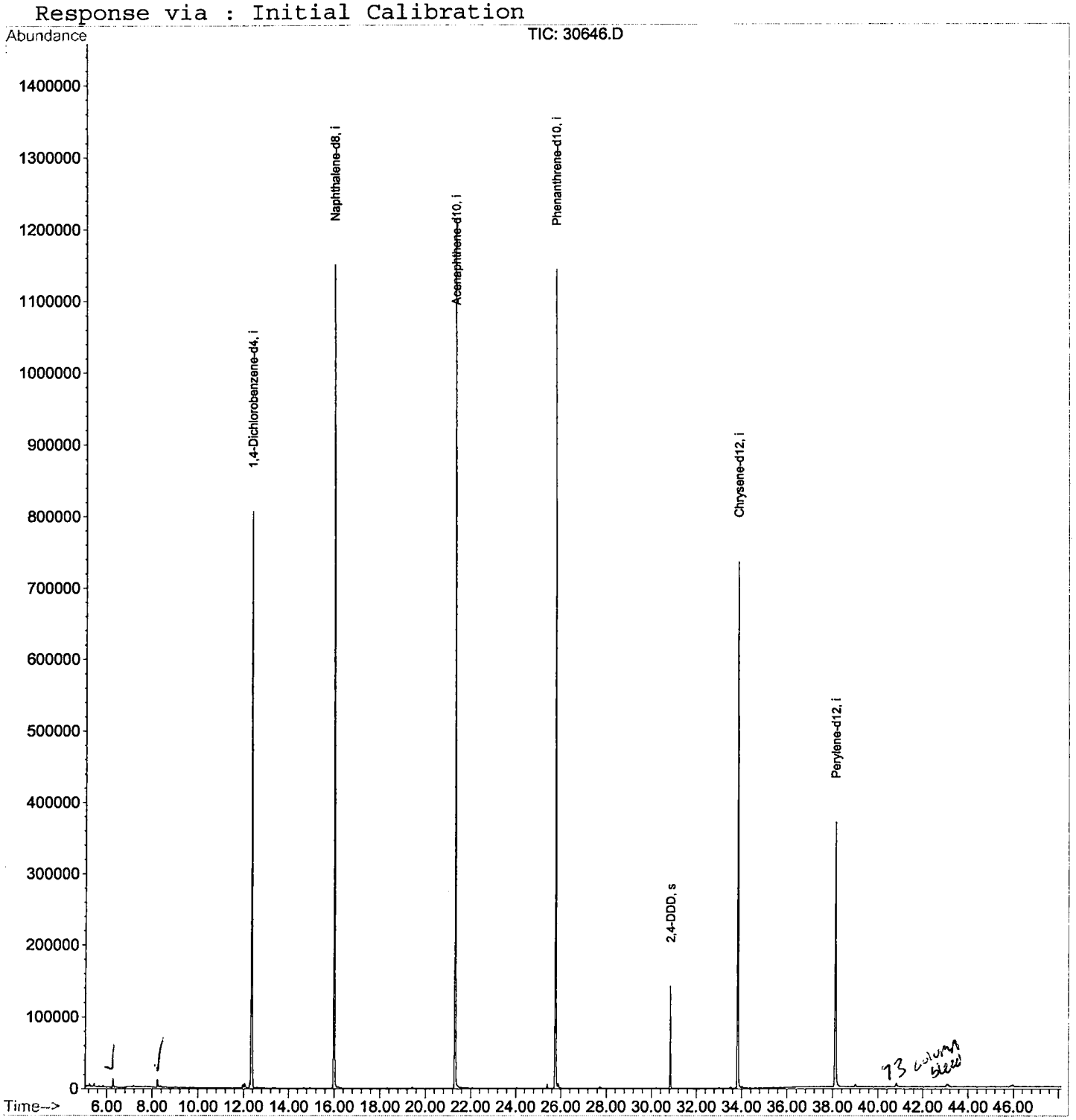
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB0802\30646.D
Acq On : 8 Feb 2002 5:06 pm
Sample : GC/MS SCAN 2/4
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 11 12:10 2002

Vial: 9
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 : Fri Feb 08 15:29:22 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB0802\30646.D Vial: 9
Acq On : 8 Feb 2002 5:06 pm Operator: 209 GALOS
Sample : GC/MS SCAN 2/4 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

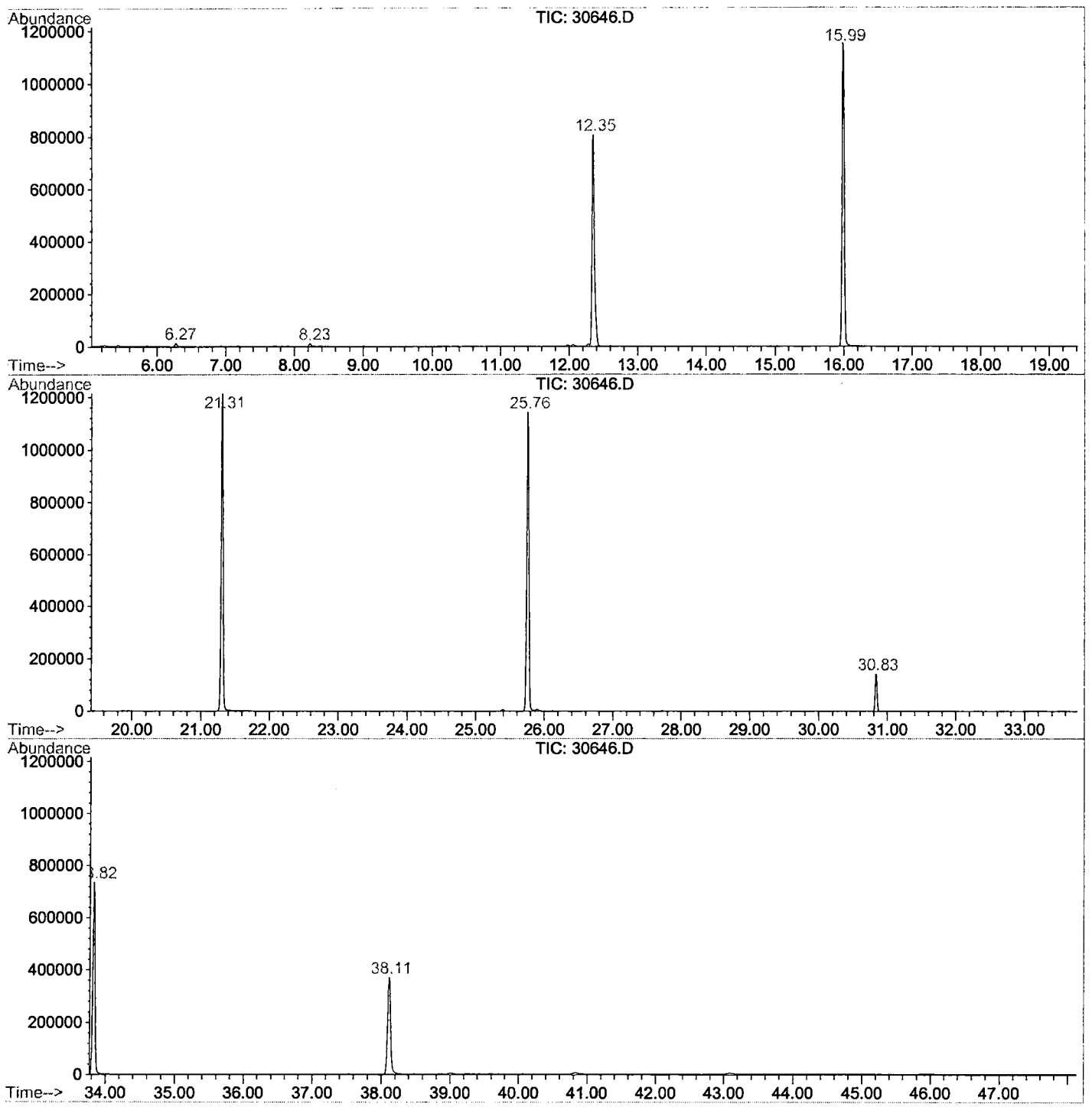
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.275	127	134	138	rBV	12490	26000	1.04%	0.212%
2	8.230	341	347	353	rBV	10697	26275	1.05%	0.215%
3	12.352	790	796	809	rVB	805646	1940704	77.79%	15.851%
4	15.988	1187	1192	1205	rBV	1149267	2372851	95.11%	19.381%
5	21.312	1765	1772	1788	rBV	1214186	2494920	100.00%	20.378%
6	25.755	2250	2256	2268	rBV2	1142384	2416333	96.85%	19.736%
7	30.832	2805	2809	2815	rBV	141542	268609	10.77%	2.194%
8	33.825	3129	3135	3149	rBV2	735206	1618163	64.86%	13.217%
9	38.112	3594	3602	3614	rBV2	368885	1079576	43.27%	8.818%

Sum of corrected areas: 12243431

30646.D GCMS0208.M Mon Feb 11 12:29:50 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB0802\30646.D
Operator : 209 GALOS
Acquired : 8 Feb 2002 5:06 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 2/4
Misc Info :
Vial Number: 9
Quant File :GCMS0208.RES (RTE Integrator)



30646.D GCMS0208.M Mon Feb 11 12:29:56 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB0802\30646.D
Acq On : 8 Feb 2002 5:06 pm
Sample : GC/MS SCAN 2/4
Misc :
MS Integration Params: LSCINT.P

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

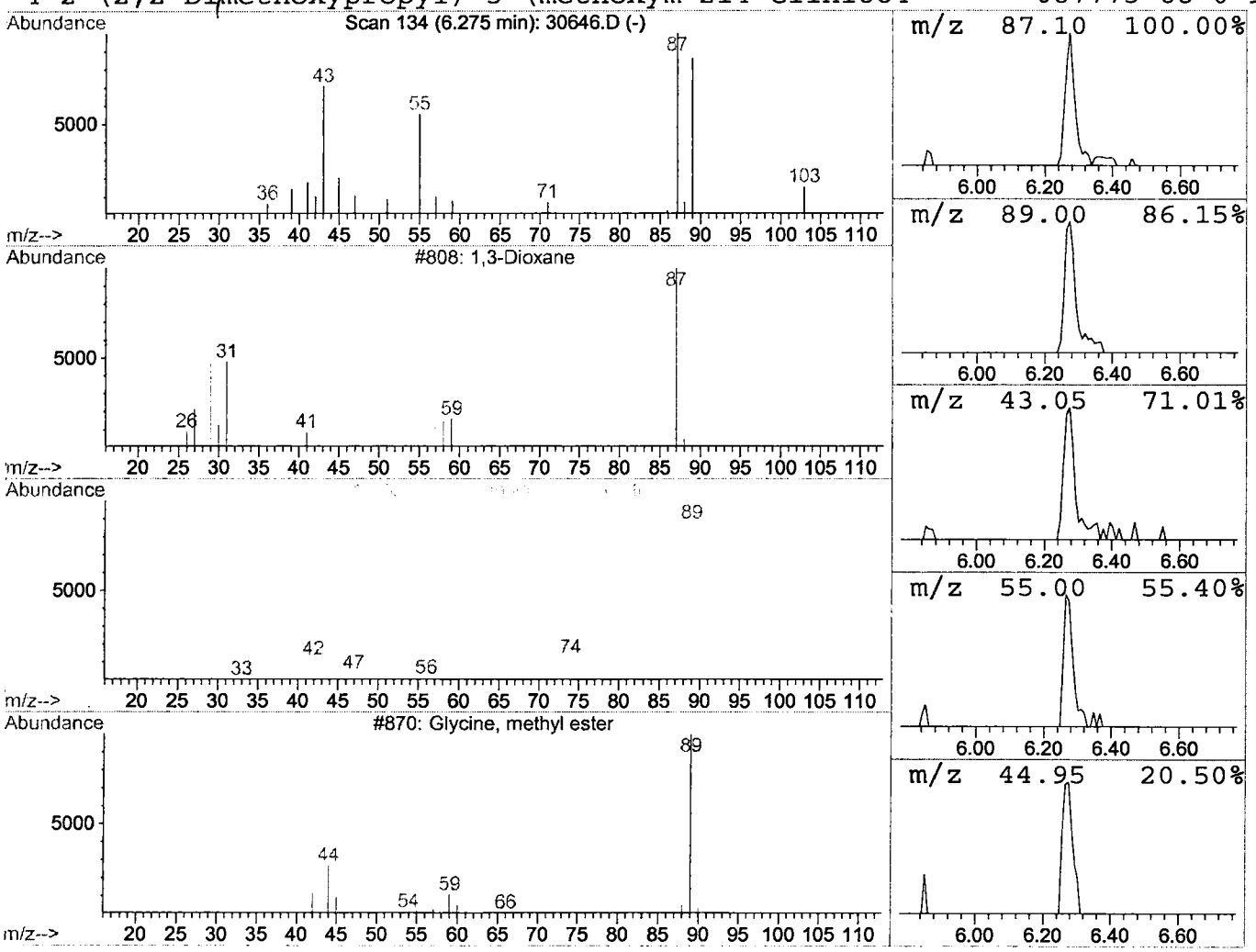
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	0.27 ug/l	26000	1,4-Dichlorobenzene-d4	12.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxane	88	C4H8O2	000505-22-6	9
2	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	9
3	Glycine, methyl ester	89	C3H7NO2	000616-34-2	9
4	2-(2,2-Dimethoxypropyl)-3-(methoxym	214	C11H18O4	087773-68-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB0802\30646.D Vial: 9
Acq On : 8 Feb 2002 5:06 pm Operator: 209 GALOS
Sample : GC/MS SCAN 2/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

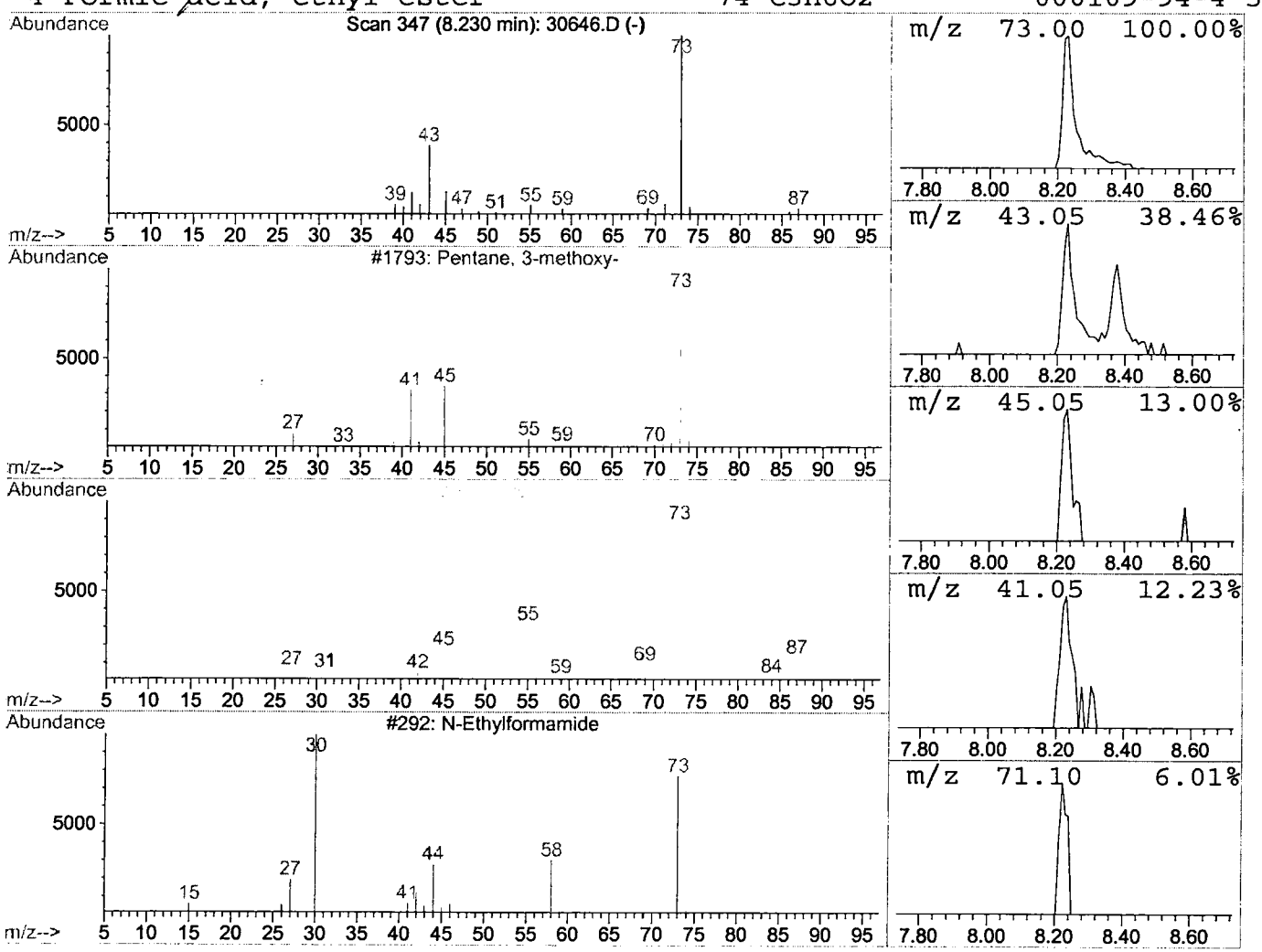
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Pentane, 3-methoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	0.27 ug/l	26275	1,4-Dichlorobenzene-d4	12.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	5
4	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	5



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 8 Feb 2002 5:06 pm
Data File: C:\HPCHEM\1\DATA\FEB0802\30646.D
Name: GC/MS SCAN 2/4
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
1,3-Dioxane	6.27	0.3	ug/l	26000	ISTD01	12.35	1940700	20.0
Pentane, 3-methoxy-	8.23	0.3	ug/l	26275	ISTD01	12.35	1940700	20.0

30646.D GCMS0208.M Mon Feb 11 12:30:09 2002