User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 12:42:39

Sample: AE04844
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/5/02 12:42 Ended: 4/5/02 12:42 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		86		5.0

Comments for Sample AE04844 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-05-2002 Time: 12:43:08

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for the compounds in the LCS Standard were high.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2802\4844.D Vial: 23
Acq On : 29 Mar 2002 6:21 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 15:37 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	379356	20.00	ug/l	-0.10
10) Naphthalene-d8	15.89	136	1358344	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	762782	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.64	188	1076206	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	530048	20.00	ug/l	-0.16
44) Perylene-d12	37.94	264	284613	20.00	ug/l	-0.18
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	79808	~~7.39~~ 4.32	ug/mL	0.22
Spiked Amount 5.000			Recovery =	~~147.80%~~ 86%		
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	12.30	146	646	N.D.		
5) 1,4-Dichlorobenzene	12.30	146	646	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	15.94	128	373	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	22.67	149	1118	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 Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

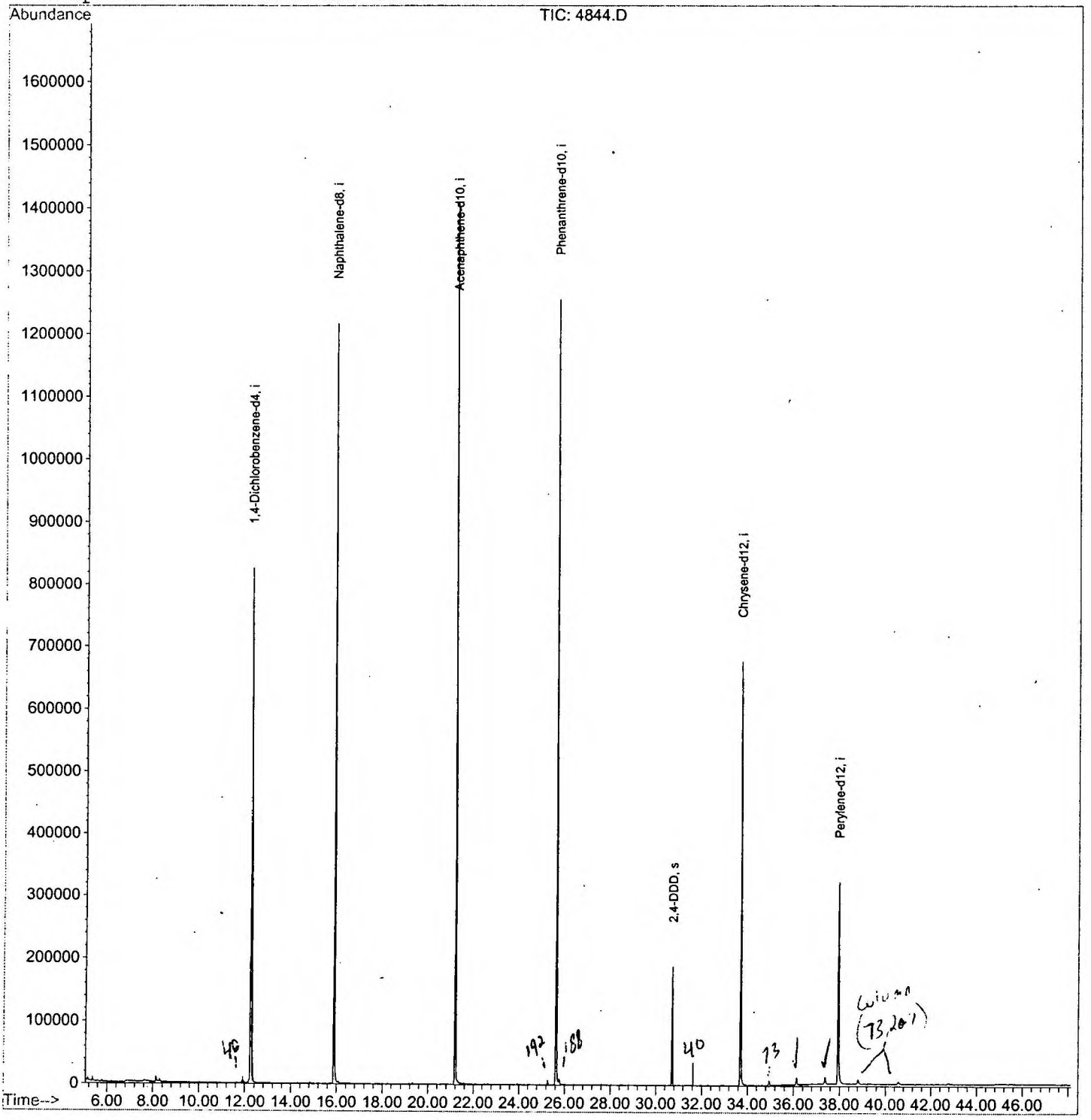
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.64	178	205	N.D.	
34)	Anthracene	25.64	178	205	N.D.	
35)	Di-n-butylphthalate	27.60	149	2426	N.D.	
36)	Fluoranthene	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	33.70	228	1282	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	1102	N.D.	
43)	Chrysene	33.77	228	331	N.D.	
45)	Di-n-Octylphthalate	35.64	149	508	N.D.	
46)	Benzo(b)fluoranthene	36.76	252	399	N.D.	
47)	Benzo(k)fluoranthene	36.82	252	283	N.D.	
48)	Benzo(a)pyrene	37.95	252	1098	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\MAR2802\4844.D Vial: 23
Acq On : 29 Mar 2002 6:21 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 15:37 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4844.D Vial: 23
Acq On : 29 Mar 2002 6:21 am Operator:
Sample : gc/ms scan 3/5 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

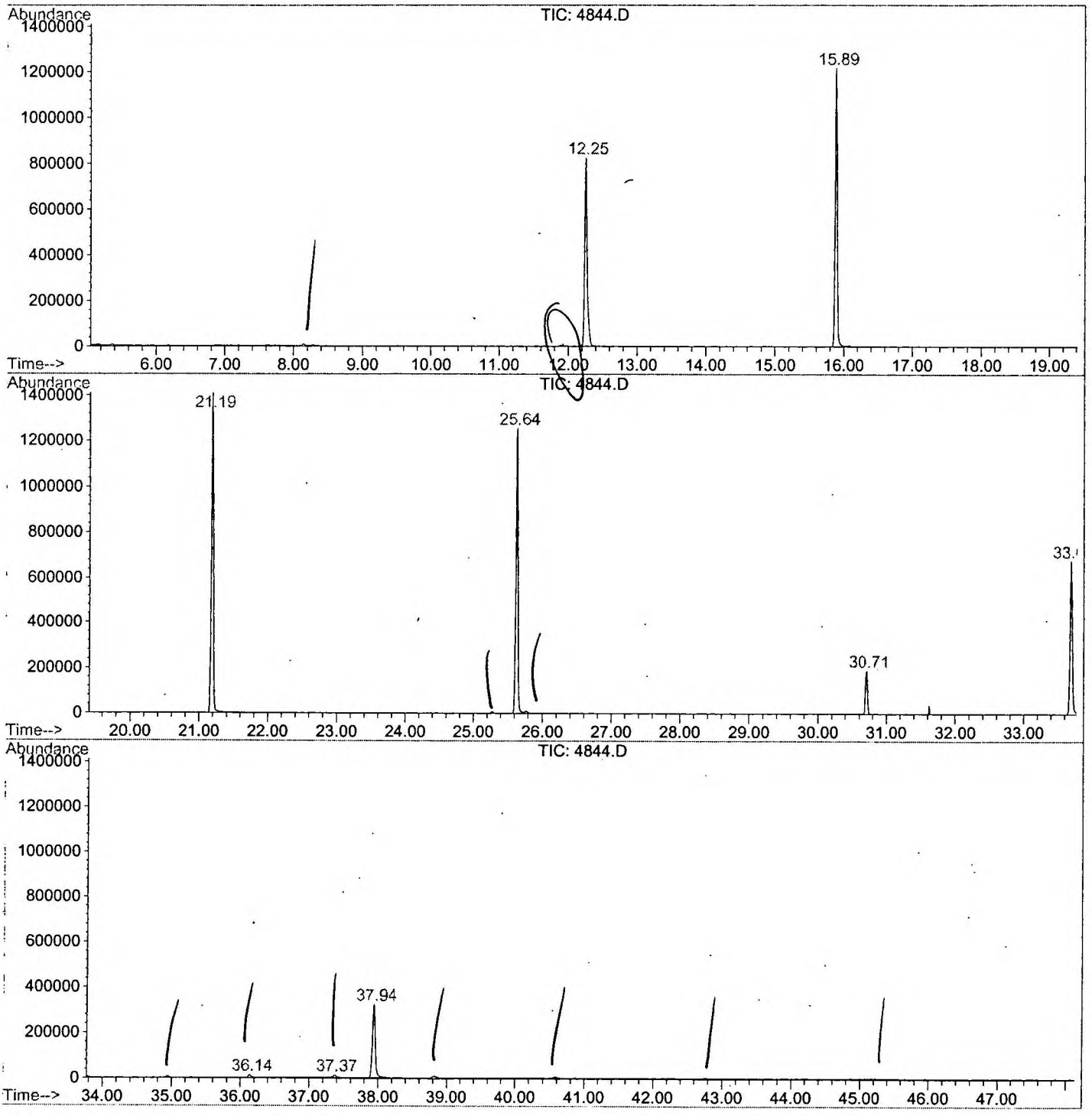
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.252	779	785	804	rVB	824791	2043924	69.95%	15.465%
2	15.888	1175	1181	1197	rBV	1216439	2569721	87.94%	19.443%
3	21.194	1752	1759	1769	rBV	1410030	2922013	100.00%	22.109%
4	25.637	2236	2243	2254	rBV2	1255868	2704730	92.56%	20.465%
5	30.714	2790	2796	2804	rVB	189953	391215	13.39%	2.960%
6	33.688	3112	3120	3139	rBV2	677715	1549678	53.03%	11.725%
7	36.139	3381	3387	3393	rBV2	11835	32133	1.10%	0.243%
8	37.369	3514	3521	3528	rBV3	11020	35592	1.22%	0.269%
9	37.939	3575	3583	3599	rBV2	322536	967369	33.11%	7.319%

Sum of corrected areas: 13216375

4844.D GCMS0308.M Mon Apr 01 15:51:11 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2802\4844.D
Operator :
Acquired : 29 Mar 2002 6:21 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/5
Misc Info :
Vial Number: 23
Quant File :GCMS0308.RES (RTE Integrator)



4844.D GCMS0308.M Mon Apr 01 15:51:16 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4844.D Vial: 23
Acq On : 29 Mar 2002 6:21 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

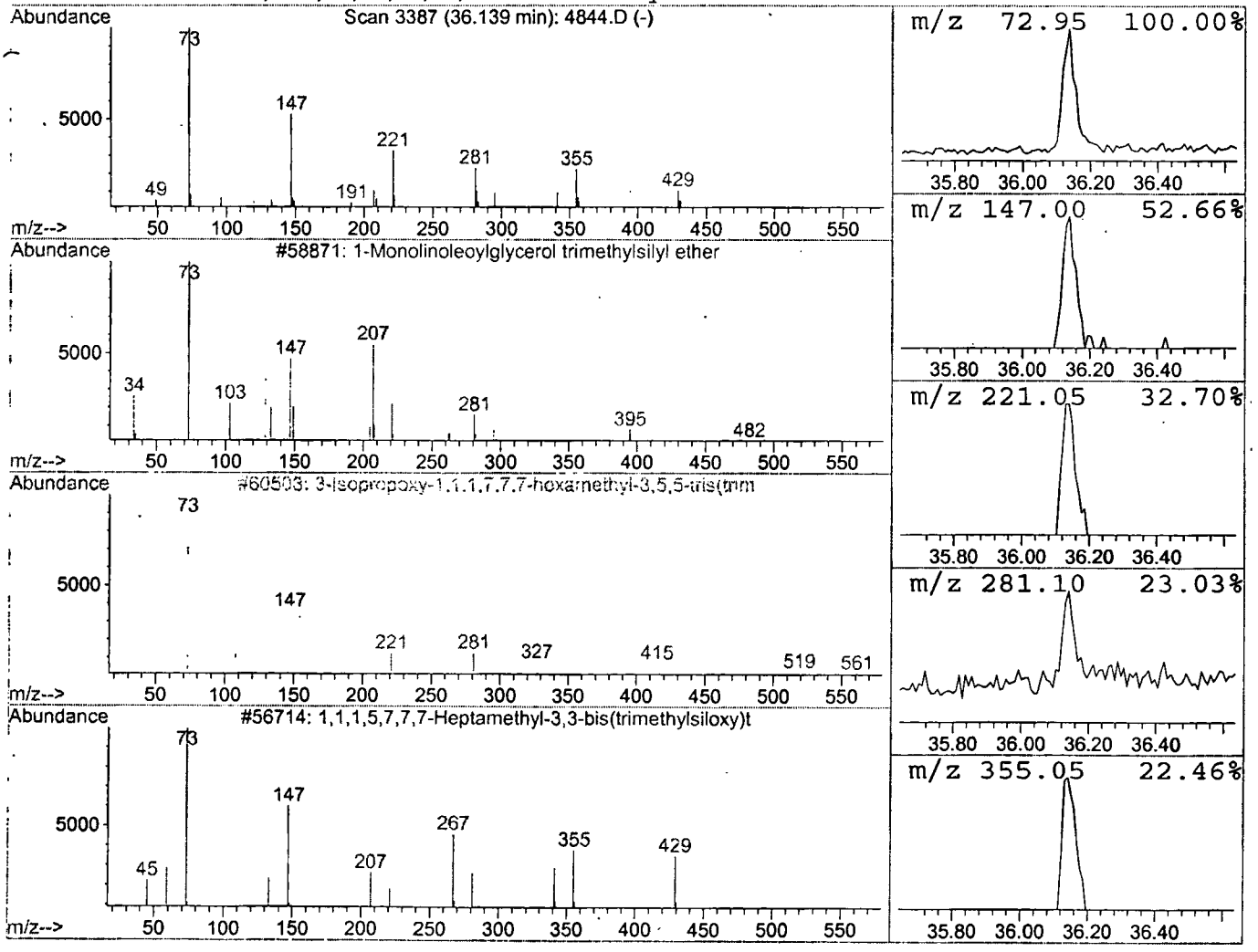
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1-Monolinoleoylglycerol trimet Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.14	0.66 ug/l	32133	Perylene-d12	37.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	33
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	12
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	10
4	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4844.D Vial: 23
Acq On : 29 Mar 2002 6:21 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

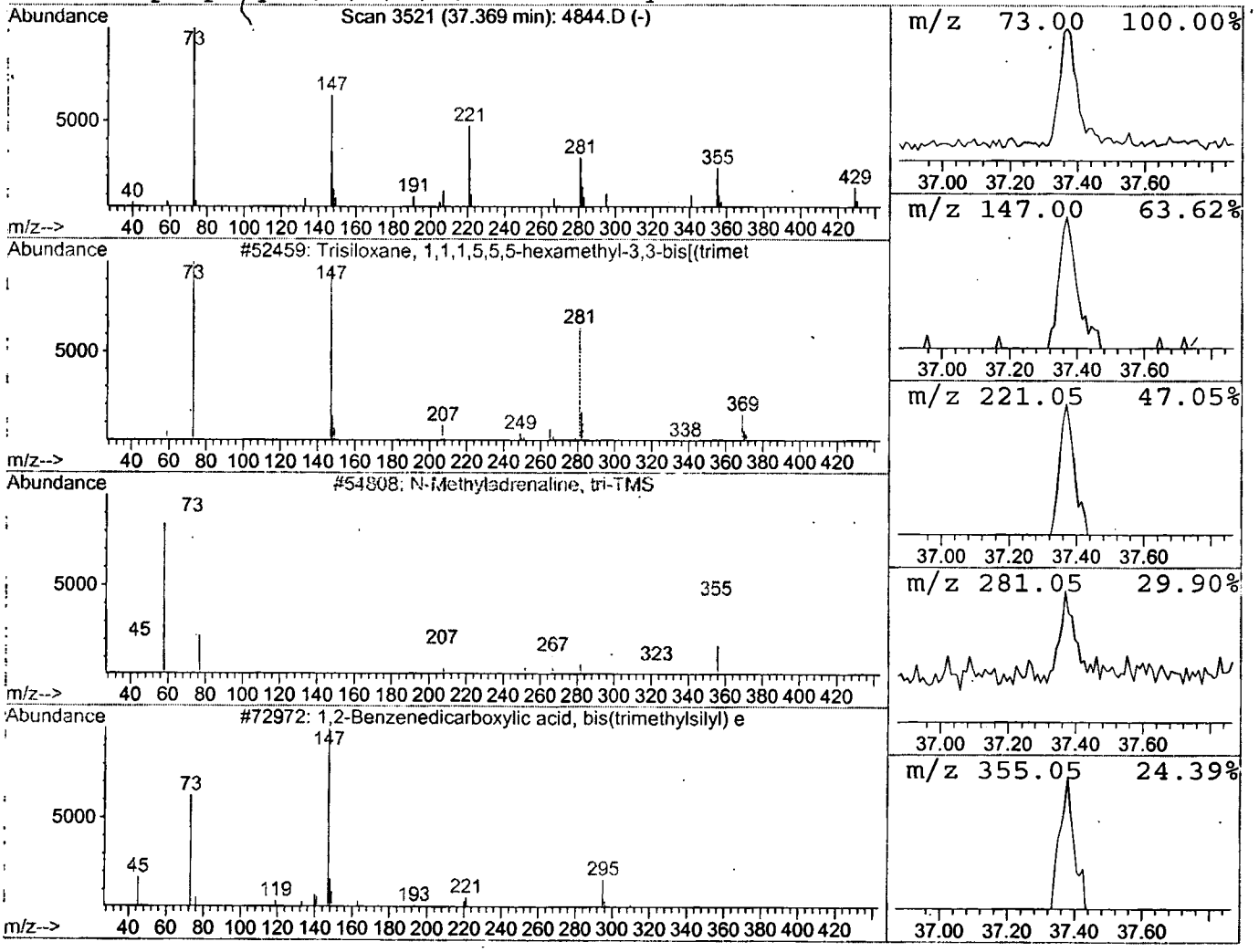
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.37	0.74 ug/l	35592	Perylene-d12	37.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	12
2	N-Methyladrenaline, tri-TMS	413	C19H39NO3Si3	000000-00-0	10
3	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	9
4	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 29 Mar 2002 6:21 am
Data File: C:\HPCHEM\1\DATA\MAR2802\4844.D
Name: gc/ms scan 3/5
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.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-Monolinoleoylglyce	36.14	0.7	ug/l	32133	ISTD06	37.94	967369	20.0
Trisiloxane, 1,1,1,5	37.37	0.7	ug/l	35592	ISTD06	37.94	967369	20.0

4844.D GCMS0308.M Mon Apr 01 15:51:29 2002