User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/22/2002 Time: 11:40:29

Sample: AE01964
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/22/02 11:15 Ended: 3/22/02 11:15 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD	USPEC	161		5.0

Comments for Sample AE01964 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-22-2002 Time: 11:40:31

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\MAR1902\1964.D Vial: 10
Acq On : 20 Mar 2002 7:59 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 21 9:02 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 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.27	152	552072	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	2169108	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.22	164	1149921	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	1698764	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	1113873	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	728552	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	99549	8.06	ug/mL	0.23
Spiked Amount 5.000			Recovery = 161.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.45	74	526	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	15.95	128	292	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	22.69	149	1012	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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Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 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	25.66	178	638	N.D.	
34)	Anthracene	25.66	178	638	N.D.	
35)	Di-n-butylphthalate	27.62	149	3397	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.15	149	264	N.D.	
41)	Benzo(a)anthracene	33.72	228	2497	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	3980	N.D.	
43)	Chrysene	33.72	228	2497	N.D.	
45)	Di-n-Octylphthalate	35.66	149	809	N.D.	
46)	Benzo(b)fluoranthene	36.78	252	1025	N.D.	
47)	Benzo(k)fluoranthene	36.78	252	2133	N.D.	
48)	Benzo(a)pyrene	37.77	252	999	N.D.	
49)	Indeno(1,2,3-cd)pyrene	42.10	276	280	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

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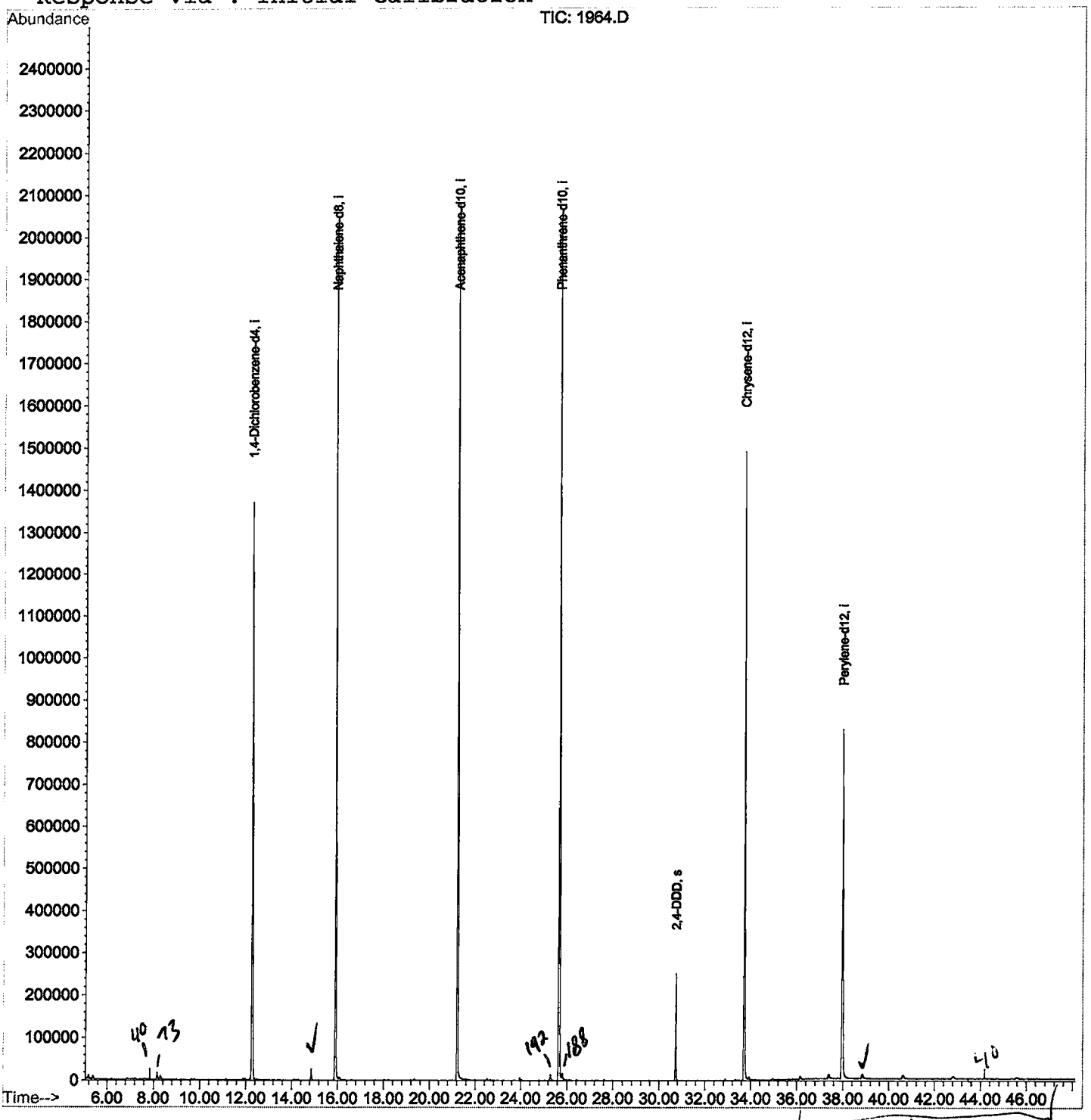
Acq On : 20 Mar 2002 7:59 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 21 9:02 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration



73,207 column

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR1902\1964.D Vial: 10
Acq On : 20 Mar 2002 7:59 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

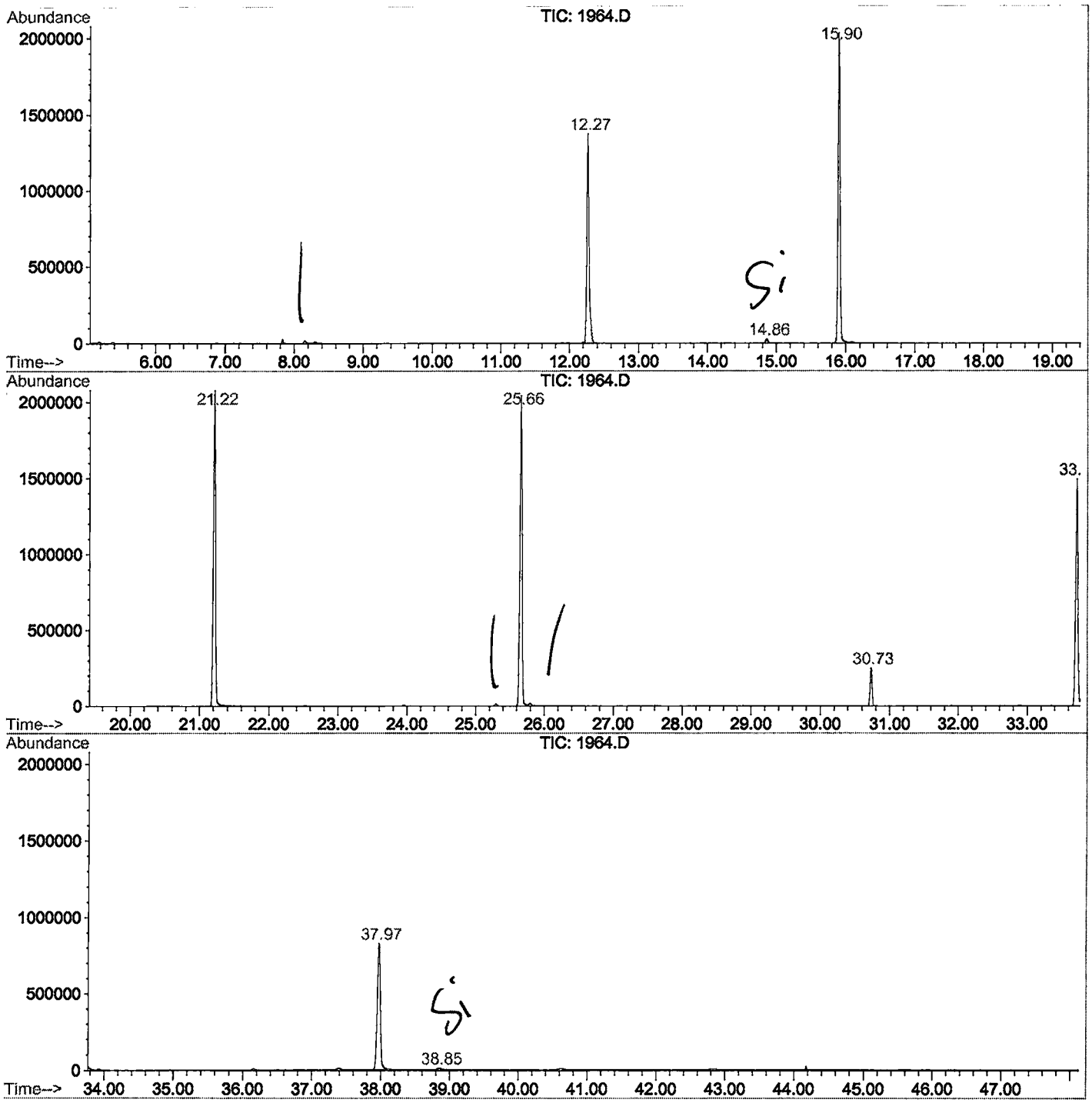
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.266	782	787	803	rVB	1369638	3058444	68.68%	13.626%
2	14.864	1064	1070	1075	rBV	27517	52653	1.18%	0.235%
3	15.902	1177	1183	1197	rBV	2028154	4114369	92.39%	18.330%
4	21.217	1755	1762	1779	rBV	2081412	4453088	100.00%	19.840%
5	25.660	2239	2246	2256	rBV2	2045273	4343990	97.55%	19.353%
6	30.728	2793	2798	2805	rBV	249949	504589	11.33%	2.248%
7	33.721	3117	3124	3137	rBV2	1488751	3312046	74.38%	14.756%
8	37.971	3578	3587	3600	rBV2	824391	2555664	57.39%	11.386%
9	38.852	3675	3683	3693	rBV3	10998	50697	1.14%	0.226%

Sum of corrected areas: 22445540

1964.D GCMS0308.M Thu Mar 21 09:16:22 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR1902\1964.D
Operator :
Acquired : 20 Mar 2002 7:59 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/5
Misc Info :
Vial Number: 10
Quant File :GCMS0308.RES (RTE Integrator)



1964.D GCMS0308.M Thu Mar 21 09:16:28 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR1902\1964.D Vial: 10
Acq On : 20 Mar 2002 7:59 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

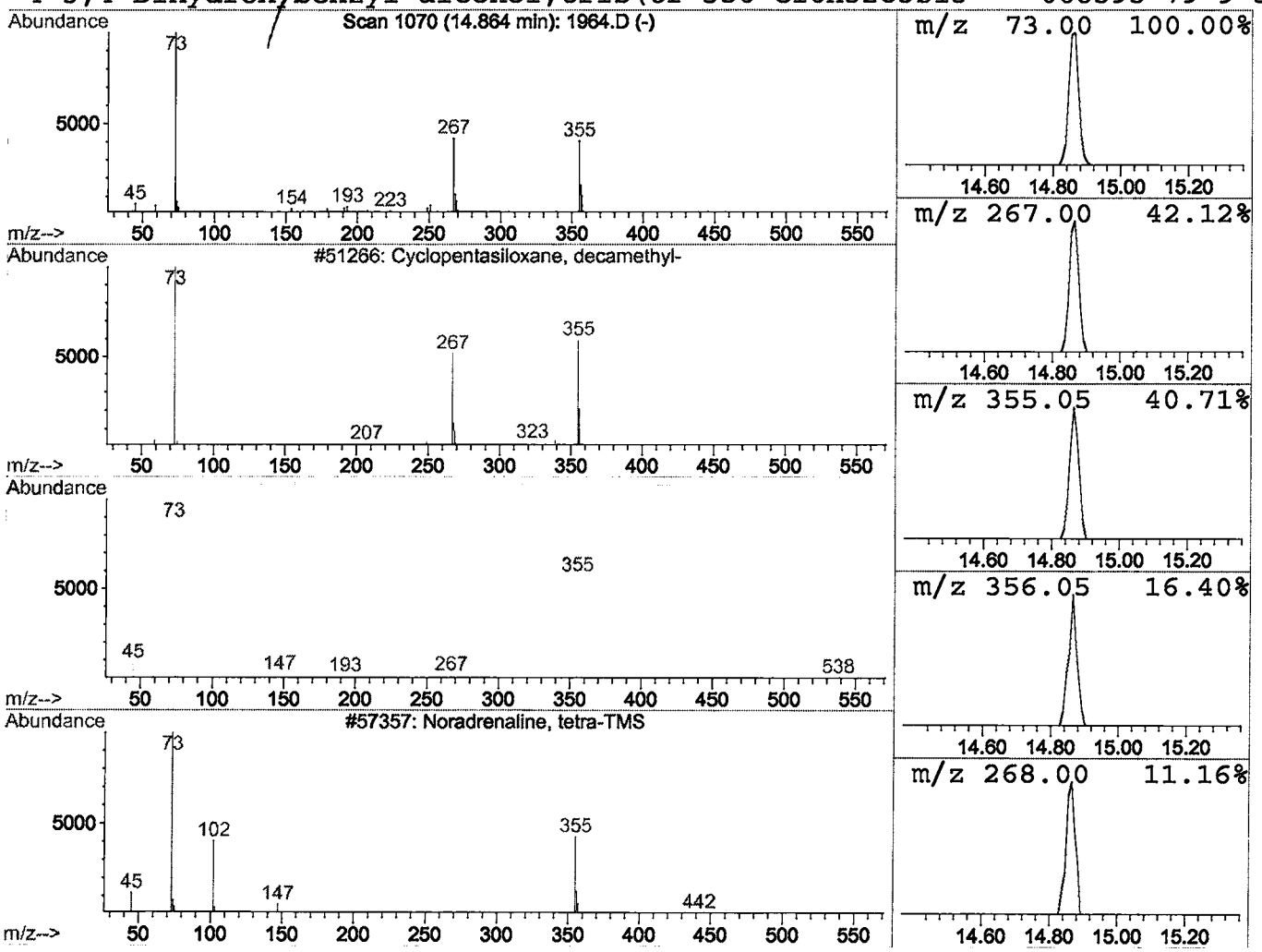
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	0.26 ug/l	52653	Naphthalene-d8	15.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	50
2	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	43
3	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	37
4	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR1902\1964.D Vial: 10
Acq On : 20 Mar 2002 7:59 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

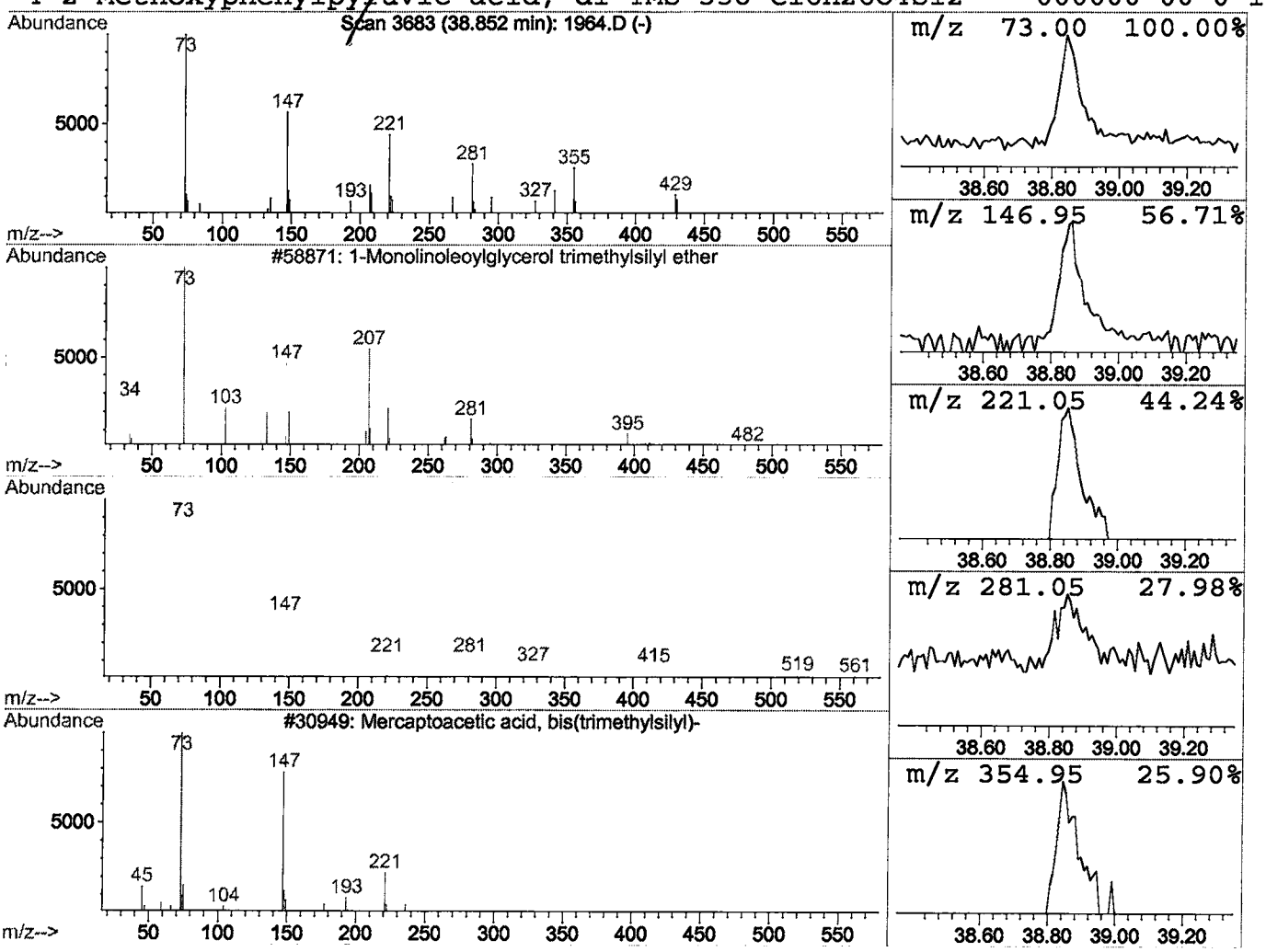
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1-Monolinoleoylglycerol trimet Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.85	0.40 ug/l	50697	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	37
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	10
3	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	10
4	2-Methoxyphenylpyruvic acid, di-TMS	338	C16H26O4Si2	000000-00-0	10



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 20 Mar 2002 7:59 am
Data File: C:\HPCHEM\1\DATA\MAR1902\1964.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
Cyclopentasiloxane,	14.86	0.3	ug/l	52653	ISTD02	15.90	4114370	20.0
1-Monolinoleoylglyce	38.85	0.4	ug/l	50697	ISTD06	37.97	2555660	20.0

1964.D GCMS0308.M Thu Mar 21 09:16:41 2002