User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 13:43:41

Sample: AE06632
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/18/2002 13:43 Ended: 4/18/2002 13:43 Analyst: DLV
Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		.	
2	Surr_2,4-DDD		96	5.0

Comments for Sample AE06632 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-18-2002 Time: 13:44:51

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041502\6632.D Vial: 17
Acq On : 15 Apr 2002 11:13 pm Operator: Bohlk
Sample : SAMPLE 6632 3/20/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 17 18:31:52 2002 Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.41	152	394956	40.00	ug/L	0.00
10) Naphthalene-d8	12.88	136	1805147	40.00	ug/L	0.00
17) Acenaphthene-d10	17.99	164	995203	40.00	ug/L	0.00
30) Phenanthrene-d10	22.33	188	1408416	40.00	ug/L	0.00
39) Chrysene-d12	30.14	240	1097423	40.00	ug/L	-0.01
45) Perylene-d12	34.01	264	664231	40.00	ug/L	0.00
System Monitoring Compounds						
28) TCMX (SURR)	0.00	244	0	0.00	ug/L	
Spiked Amount 10.000			Recovery = 0.00%			
38) 2,4-DDD (SURR)	27.28	235	100408	9.57	ug/L	0.01
Spiked Amount 10.000			Recovery = 95.70%			
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 - Dichlorobenze	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-Chloropr	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) methan	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.	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-phenyl ethe	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	169	0	N.D.		
32) 4-Bromophenyl-phenyl ether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	0.00	178	0	N.D.		
35) Anthracene	0.00	178	0	N.D.		
36) Di-n-butylphthalate	0.00	149	0	N.D.		
37) Fluoranthene	0.00	202	0	N.D.		
40) Pyrene	0.00	202	0	N.D.		
41) Butylbenzylphthalate	0.00	149	0	N.D.		
42) Benzo (a) antracene	0.00	228	0	N.D.		
43) Bis (2-ethylhexyl) phthala	30.76	149	7071	0.26	ug/L	86
44) Chrysene	0.00	228	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041502\6632.D Vial: 17
Acq On : 15 Apr 2002 11:13 pm Operator: Bohlk
Sample : SAMPLE 6632 3/20/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 17 18:31:52 2002 Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

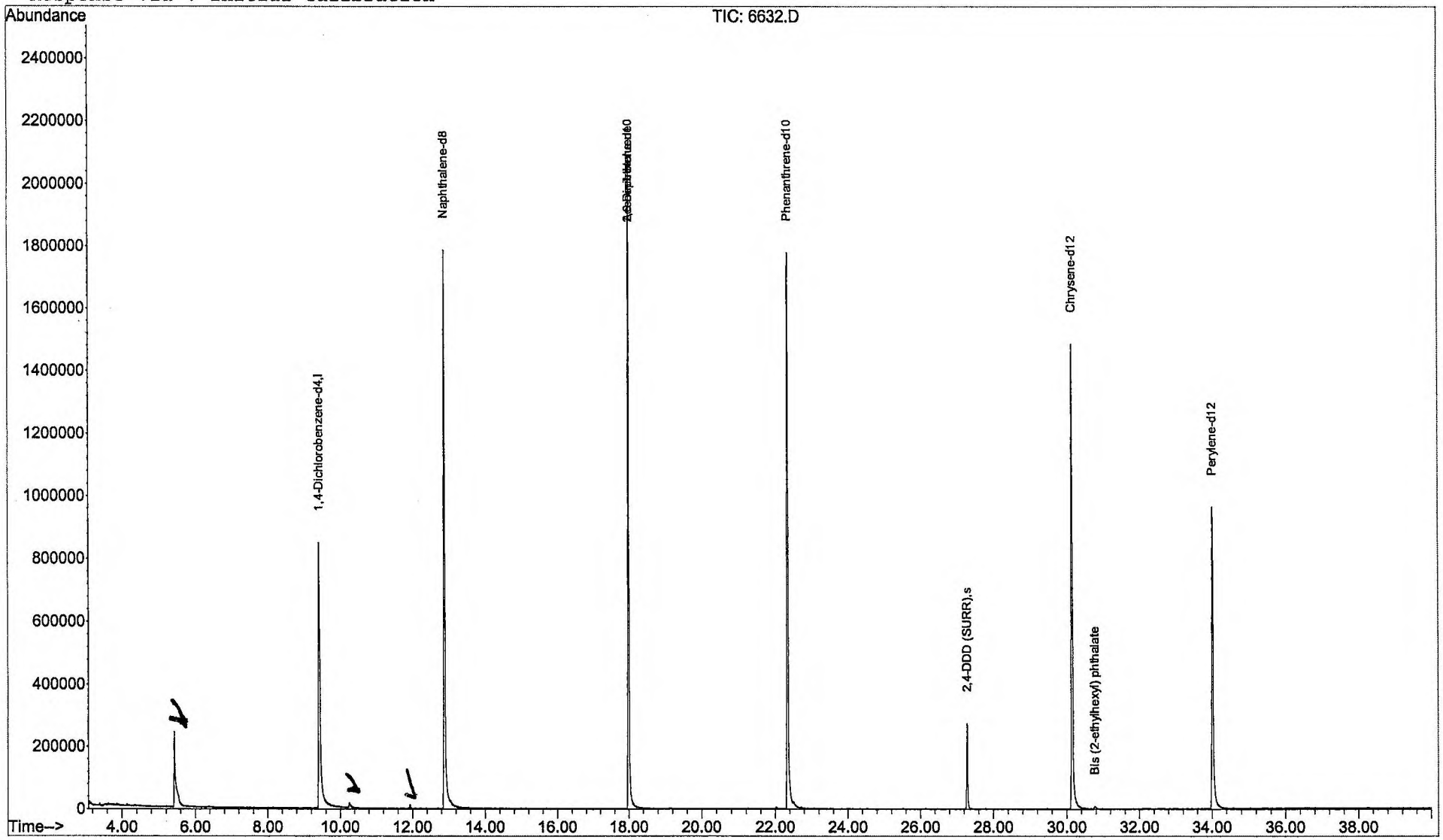
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
46)	Di-n-Octylphthalate	0.00	149	0	N.D.	
47)	Benzo (b) fluoranthene	0.00	252	0	N.D.	
48)	Benzo (k) fluoranthene	0.00	252	0	N.D.	
49)	Benzo (a) pyrene	0.00	252	0	N.D.	
50)	Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
51)	Dibenz (a,h) anthracene	0.00	278	0	N.D.	
52)	Benzo (g,h,i) perylene	0.00	276	0	N.D.	

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\041502\6632.D Vial: 17
Acq On : 15 Apr 2002 11:13 pm Operator: Bohlk
Sample : SAMPLE 6632 3/20/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 17 18:31 2002 Quant Results File: 5080402BBC.RES

Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\041502\6632.D Vial: 17
Acq On : 15 Apr 2002 11:13 pm Operator: Bohlk
Sample : SAMPLE 6632 3/20/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
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

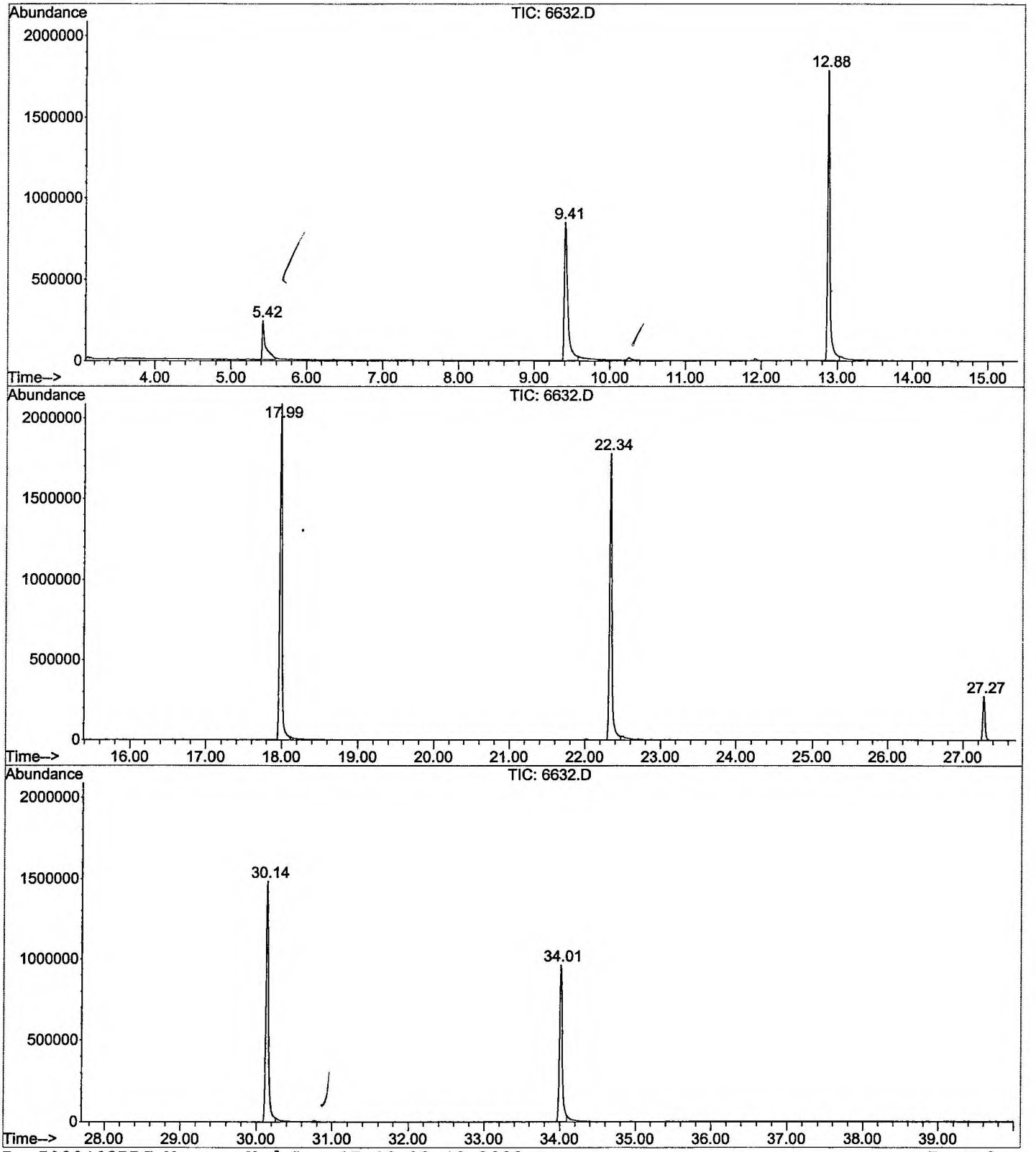
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.423	395	399	427	rBV	239419	745988	17.47%	3.385%
2	9.407	1071	1077	1106	rBV	847574	2645951	61.96%	12.006%
3	12.880	1661	1668	1693	rBV	1784992	3880891	90.87%	17.609%
4	17.985	2528	2537	2559	rBV	2086302	4270602	100.00%	19.377%
5	22.339	3269	3278	3301	rBV2	1778117	4052602	94.90%	18.388%
6	27.275	4111	4118	4133	rBV2	272670	529116	12.39%	2.401%
7	30.142	4596	4606	4625	rBV2	1484137	3486073	81.63%	15.818%
8	34.008	5255	5264	5278	rBV2	962436	2427894	56.85%	11.016%

Sum of corrected areas: 22039117

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\041502\6632.D
Operator : Bohlk
Acquired : 15 Apr 2002 11:13 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 6632 3/20/02
Misc Info :
Vial Number: 17
Quant File :5080402BBC.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\041502\6632.D Vial: 17
Acq On : 15 Apr 2002 11:13 pm Operator: Bohlk
Sample : SAMPLE 6632 3/20/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

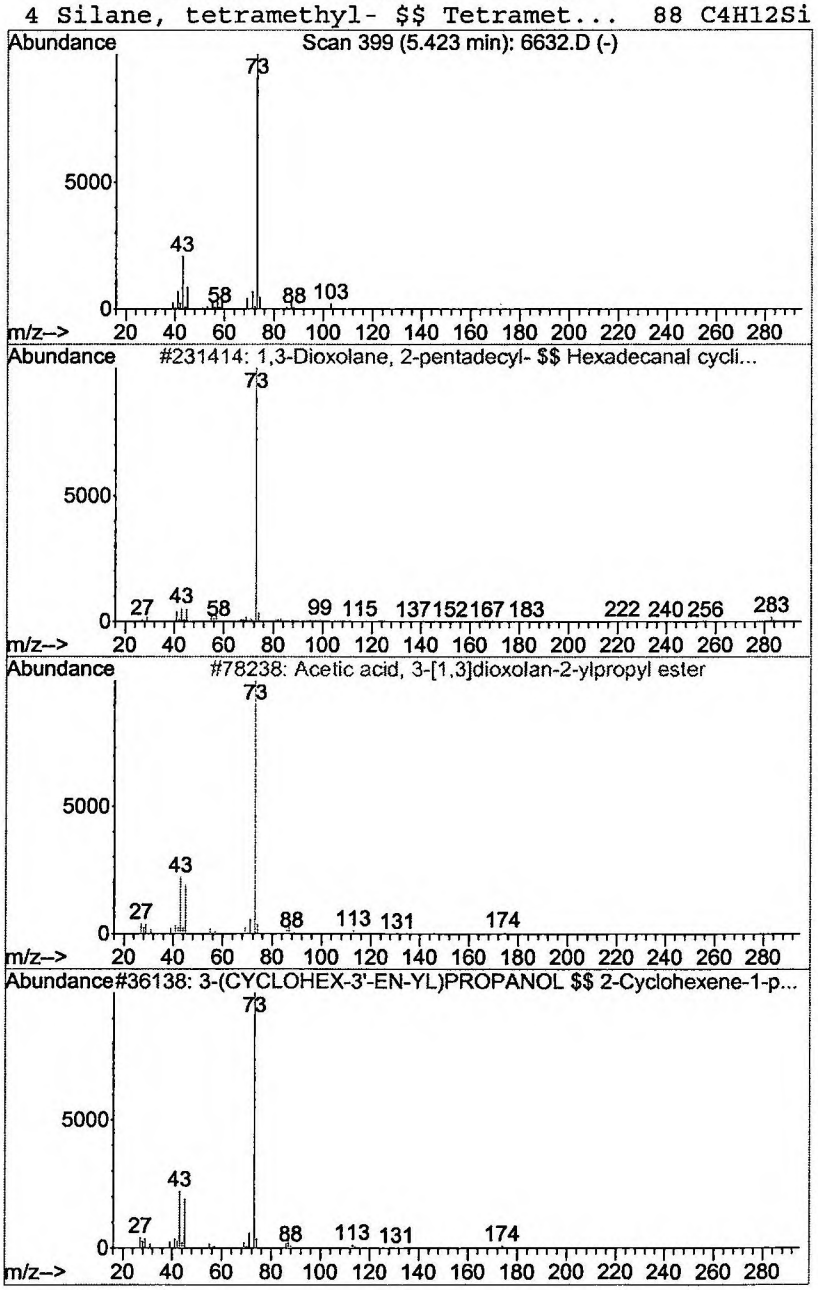
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

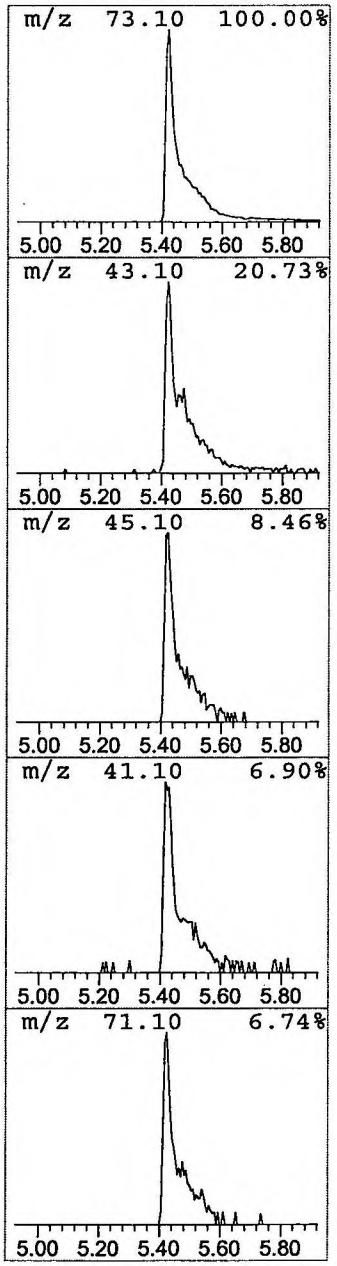
****

Peak Number 1 1,3-Dioxolane, 2-pentadecyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	11.28 ug/L	745988	1,4-Dichlorobenzene-d4	9.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-pentadecyl- $$ ...	284	C18H36O2	004360-57-0	38
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	36
3	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	36
4	Silane, tetramethyl- $$ Tetramet...	88	C4H12Si	000075-76-3	25



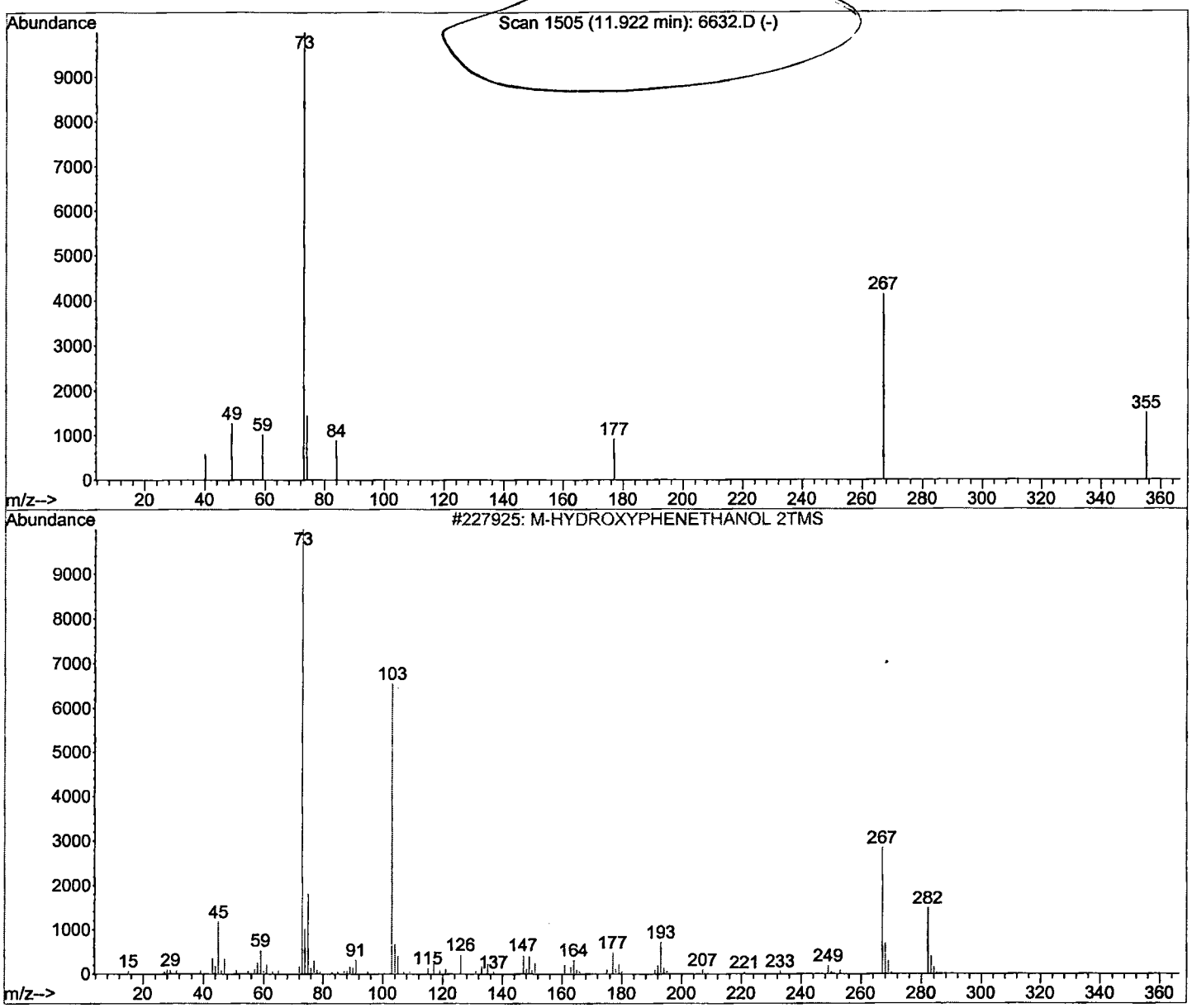


Tentatively Identified Compound (LSC) summary

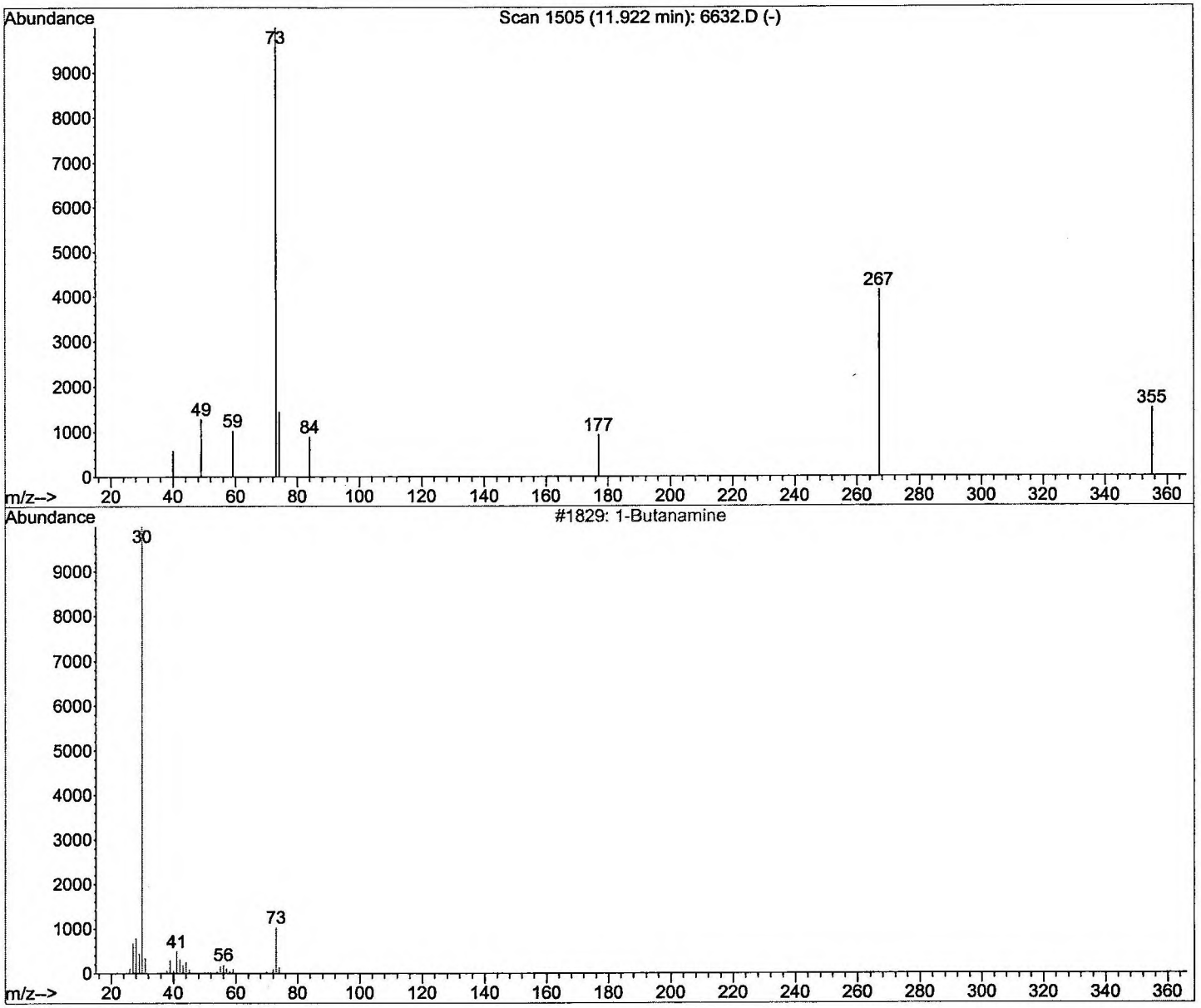
Operator ID: Bohlk Date Acquired: 15 Apr 2002 11:13 pm
Data File: C:\MSDCHEM\1\DATA\041502\6632.D
Name: SAMPLE 6632 3/20/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,3-Dioxolane, 2-...	5.42	11.3	ug/L	745988	1	9.41	2645950	40.0

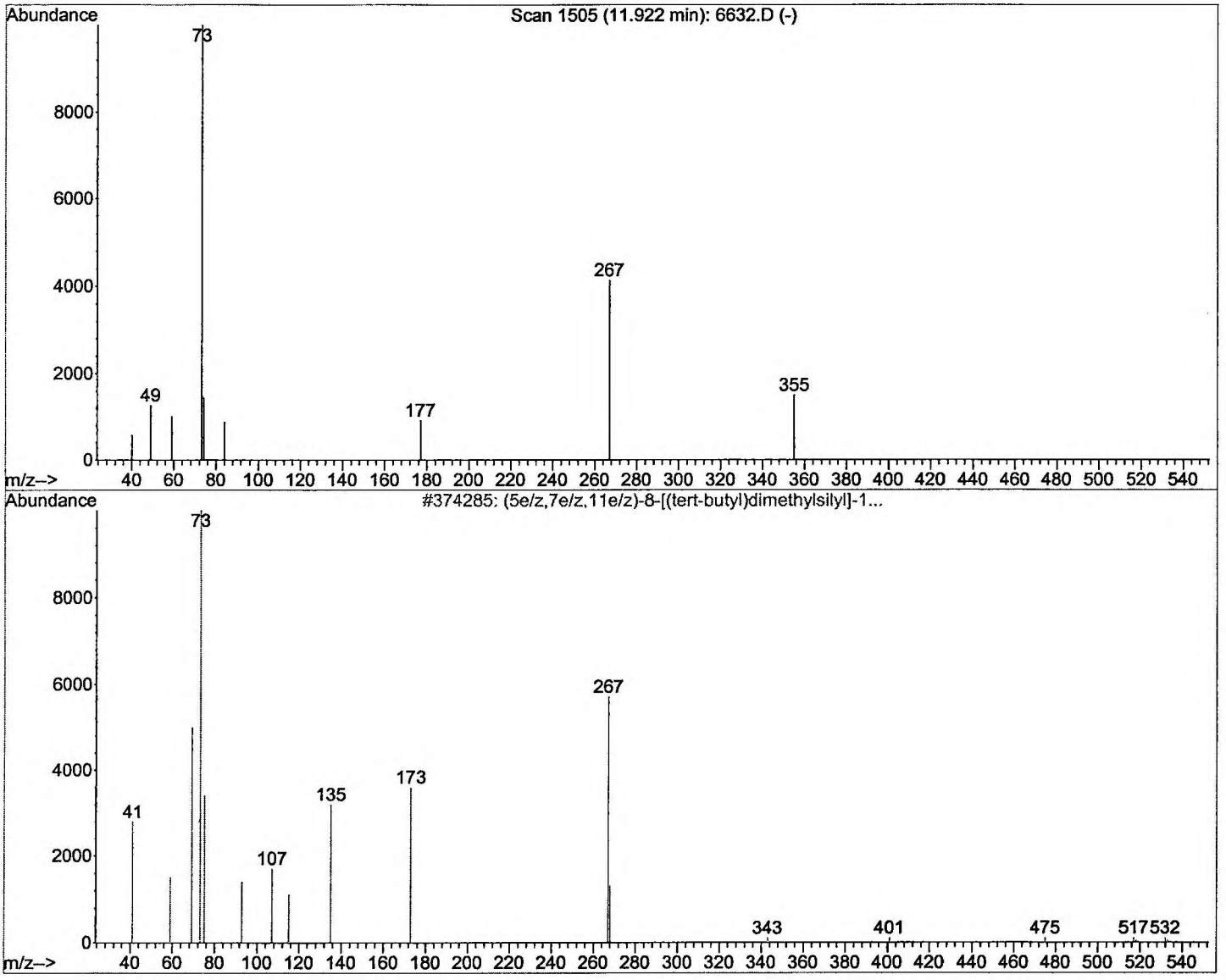
Library Searched : C:\Database\wiley7n.l
Quality : 39
ID : M-HYDROXYPHENETHANOL 2TMS



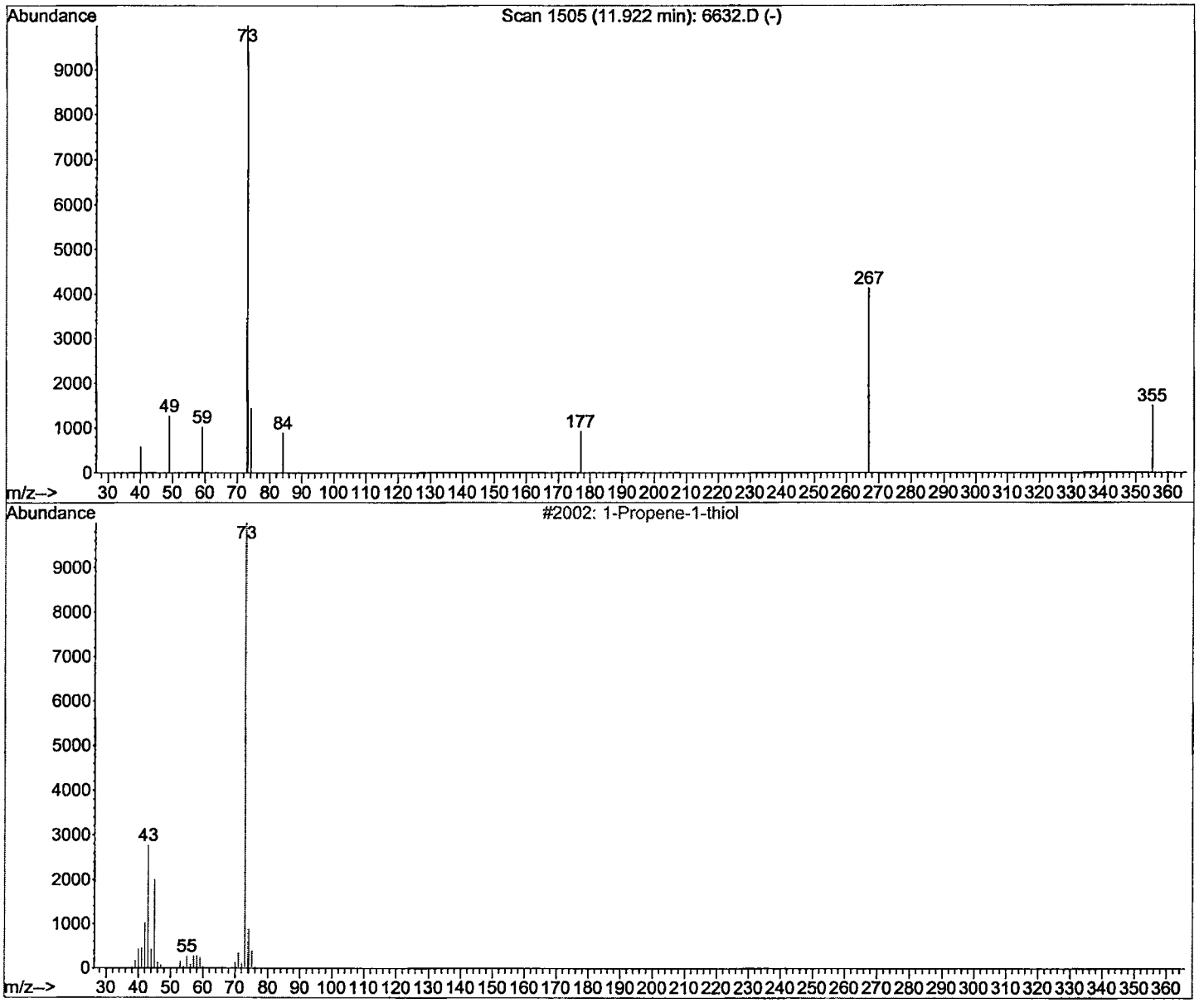
Library Searched : C:\Database\wiley7n.l
Quality : 4
ID : 1-Butanamine



Library Searched : C:\Database\wiley7n.l
Quality : 4
ID : (5e/z,7e/z,11e/z)-8-[(tert-butyl)dimethylsilyl]-10-[(tert-butyl)dimethylsilyloxy]-2,6,12,16-tetramethyl-9-oxaheptadeca-2,5,7,11,15-pentaene $$ 4,6-Dioxa-3,8-disiladecane, 5-(2,6-dimethyl-1,5-heptadienyl)-7-(2,6-dimethyl-2,5-heptadienylidene)-2,2,3,3,8,8,9



Library Searched : C:\Database\wiley7n.l
Quality : 3
ID : 1-Propene-1-thiol



```
Library Searched : C:\Database\wiley7n.l
Quality          : 3
ID               : 2-Butanol (CAS) $$ sec-Butanol $$ CCS 301 $$ sec-Butyl alcohol $$ 2-Hy
                   droxybutane $$ Methylethylcarbinol $$ 1-Methyl-1-propanol $$ Ethylmeth
                   ylcarbinol $$ 1-Methylpropyl alcohol $$ s-Butanol $$ 1-Methyl propanol
                    $$ s-Butyl alcohol $$ butan-2-ol $$ Ethyl Me
```