User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 11:38:35

Sample: AE06095
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/18/2002 11:38 Ended: 4/18/2002 11:38 Analyst: DLV
Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		.	
2	Surr_2,4-DDD		124	5.0

Comments for Sample AE06095 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-18-2002 Time: 11:42:01

The GCMS scan, from 35 to 550 amu, reveals the presence of a poorly identified compound at a trace level at the retention time of 21.26 minutes.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\040402B\6095.D Vial: 18
Acq On : 5 Apr 2002 9:25 am Operator: Bohlk
Sample : SAMPLE 6095 3/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 05 12:50:09 2002 Quant Results File: 5080402.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Apr 05 05:56:22 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.46	152	1098556	20.00	ug/L	-0.01
10) Naphthalene-d8	12.94	136	4967513	20.00	ug/L	0.00
17) Acenaphthene-d10	18.05	164	2796084	20.00	ug/L	0.00
29) Phenanthrene-d10	22.41	188	3923497	20.00	ug/L	-0.01
38) Chrysene-d12	30.23	240	3007023	20.00	ug/L	-0.02
44) Perylene-d12	34.11	264	1779164	20.00	ug/L	-0.01
System Monitoring Compounds						
37) 2,4-DDD (SURR)	27.36	235	241283	6.20	ug/L	0.00
Spiked Amount 5.000			Recovery = 124.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.	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.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
30) N-Nitrosodiphenylamine	0.00	169	0	N.D.		
31) 4-Bromophenyl-phenyl ether	0.00	248	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) Phenanthrene	0.00	178	0	N.D.		
34) Anthracene	0.00	178	0	N.D.		
35) Di-n-butylphthalate	0.00	149	0	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) antracene	0.00	228	0	N.D.	d	
42) Bis (2-ethylhexyl) phthala	30.85	149	3478	0.04	ug/L	89
43) Chrysene	0.00	228	0	N.D.	d	
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo (b) fluoranthene	0.00	252	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\040402B\6095.D Vial: 18
Acq On : 5 Apr 2002 9:25 am Operator: Bohlk
Sample : SAMPLE 6095 3/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 05 12:50:09 2002 Quant Results File: 5080402.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Apr 05 05:56:22 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

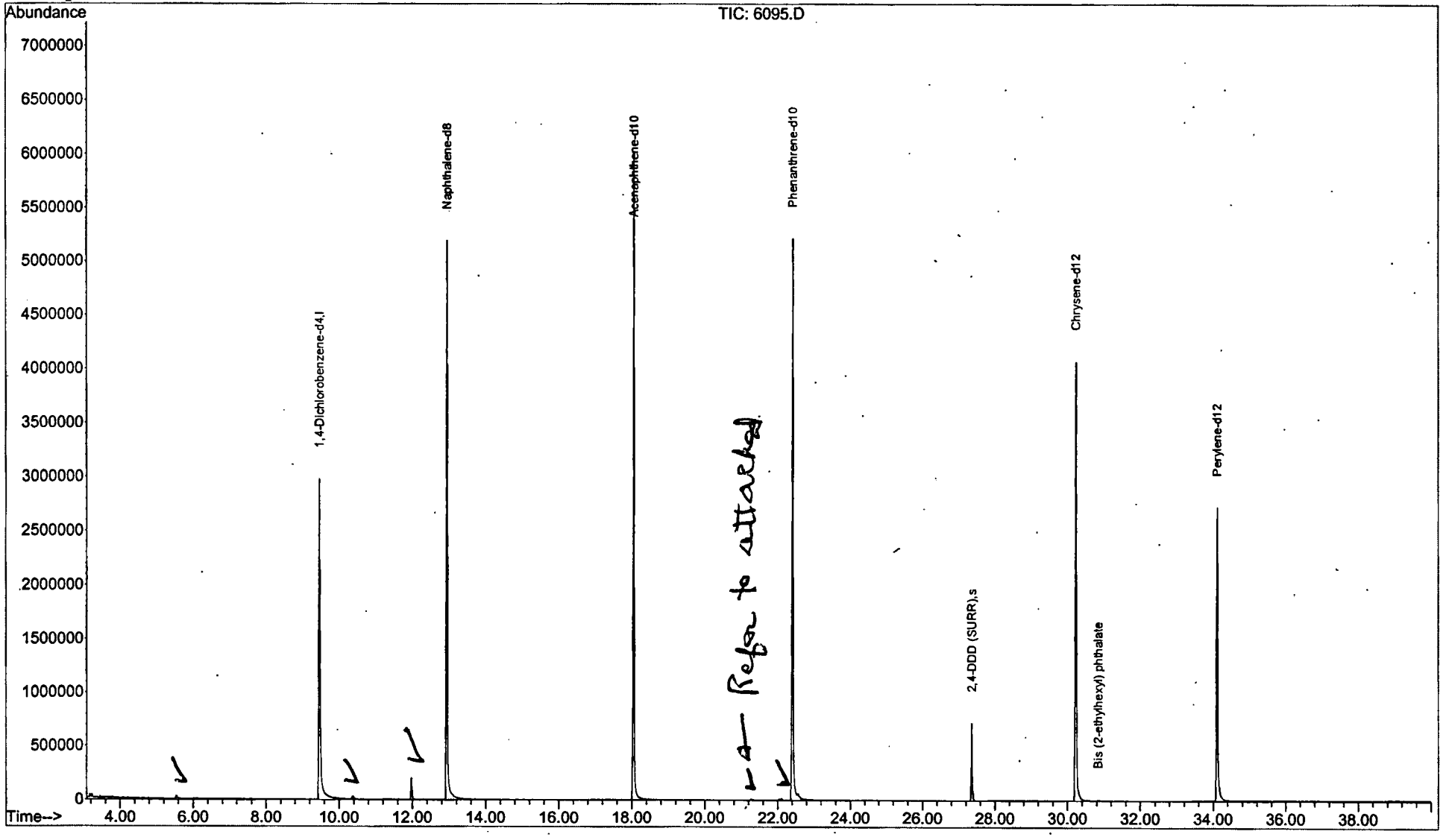
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	0.00	252	0	N.D.	
48) Benzo (a) pyrene	0.00	252	0	N.D. d	
49) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
50) Dibenz (a,h) anthracene	0.00	278	0	N.D.	
51) Benzo (g,h,i) perylene	0.00	276	0	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\040402B\6095.D Vial: 18
Acq On : 5 Apr 2002 9:25 am Operator: Bohlk
Sample : SAMPLE 6095 3/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 5 12:51 2002 Quant Results File: 5080402.RES

Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Apr 05 05:56:22 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\040402B\6095.D Vial: 18
Acq On : 5 Apr 2002 9:25 am Operator: Bohlk
Sample : SAMPLE 6095 3/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080402.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

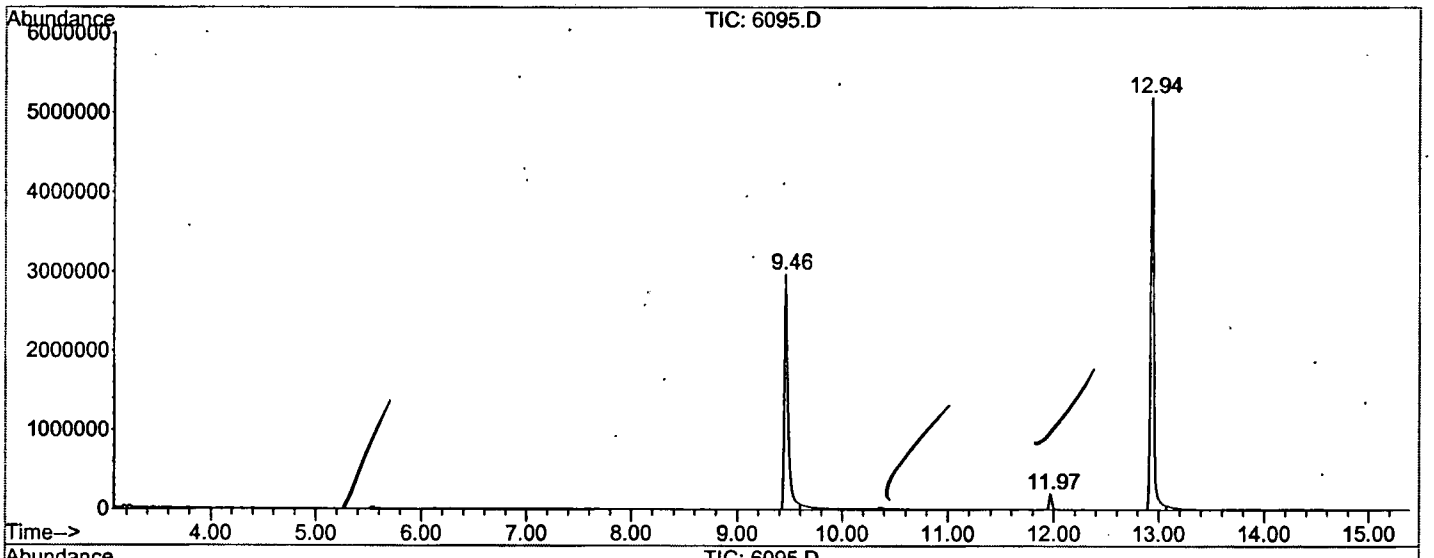
Signal : TIC

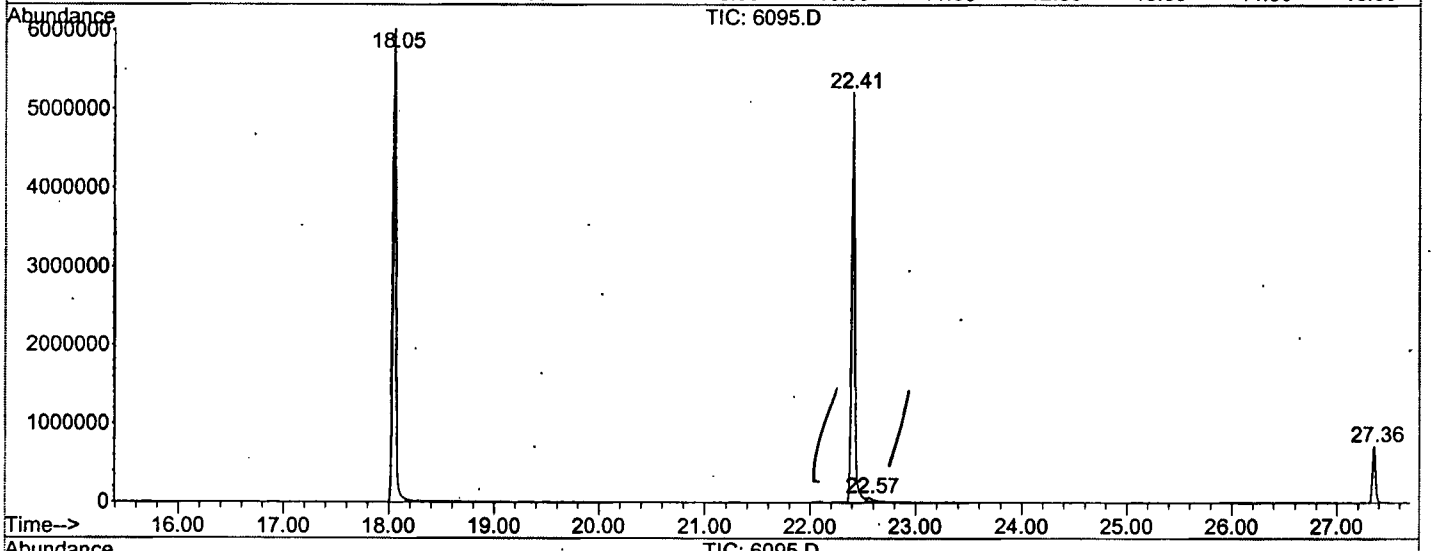
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.460	1079	1086	1109	rBV	2969512	7434098	61.60%	12.284%
2	11.969	1505	1513	1522	rBV2	201079	363108	3.01%	0.600%
3	12.938	1669	1678	1701	rBV	5188061	10897403	90.30%	18.006%
4	18.050	2538	2548	2566	rBV	6013271	12068065	100.00%	19.941%
5	22.410	3278	3290	3310	rBV2	5214938	11600205	96.12%	19.168%
6	22.568	3313	3317	3331	rVB4	50041	163897	1.36%	0.271%
7	27.357	4125	4132	4147	rBV	715550	1406713	11.66%	2.324%
8	30.230	4609	4621	4646	rBV3	4070295	9750922	80.80%	16.112%
9	34.114	5269	5282	5305	rBV2	2720028	6835608	56.64%	11.295%

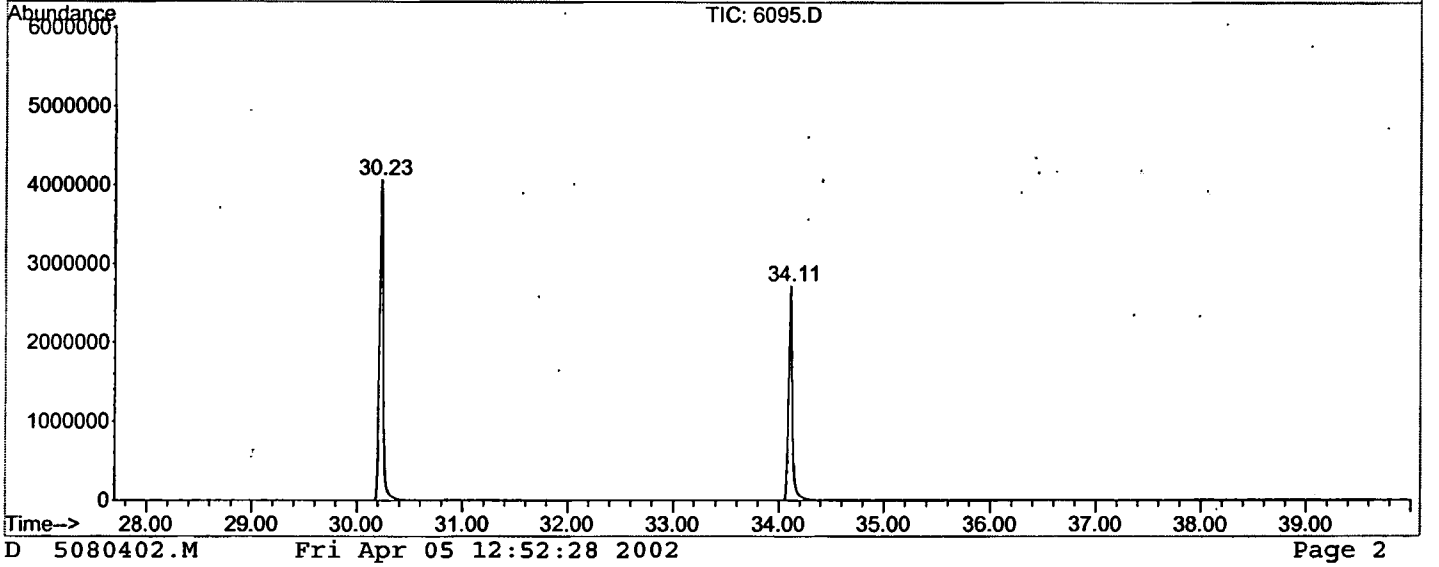
Sum of corrected areas: 60520019

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\040402B\6095.D
Operator : Bohlk
Acquired : 5 Apr 2002 9:25 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 6095 3/15/02
Misc Info :
Vial Number: 18
Quant File :5080402.RES (RTE Integrator)







Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\040402B\6095.D Vial: 18
Acq On : 5 Apr 2002 9:25 am Operator: Bohlk
Sample : SAMPLE 6095 3/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

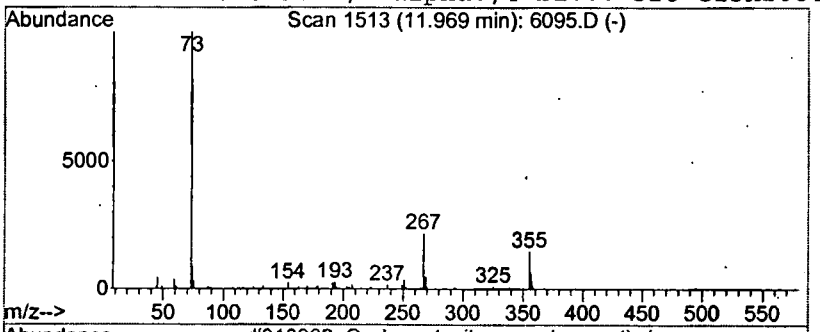
Quant Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

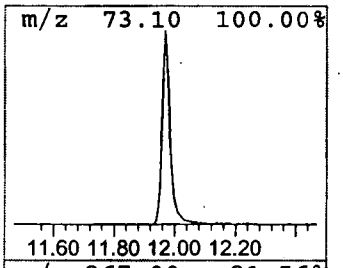
****

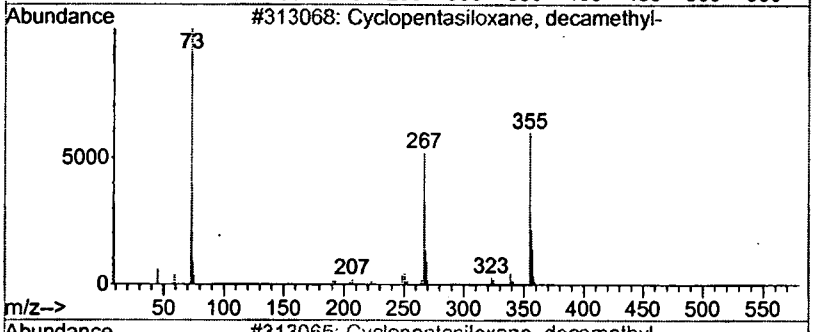
Peak Number 1 Cyclopentasiloxane, decamet... Concentration Rank 1

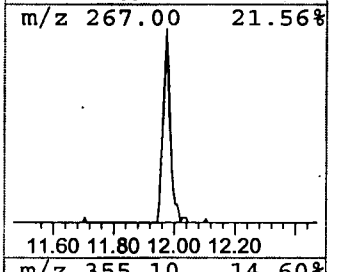
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	0.67 ug/L	363108	Naphthalene-d8	12.94

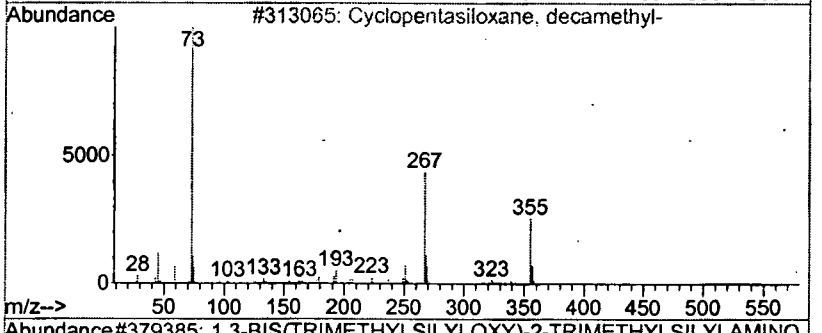
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	59
3	1,3-BIS(TRIMETHYLSILYLOXY)-2-TRI...	573	C24H51NO5Si5	000000-00-0	38
4	Benzeneacetic acid, .alpha.,4-bi...	326	C15H26O4Si2	055334-40-2	37

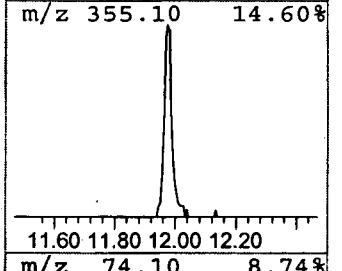


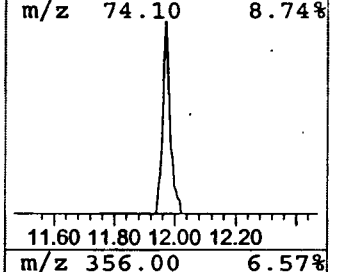


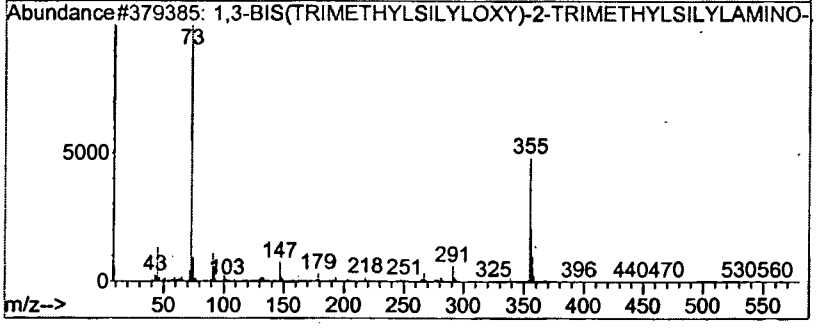


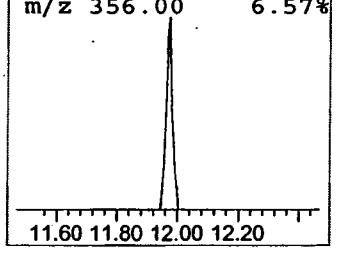










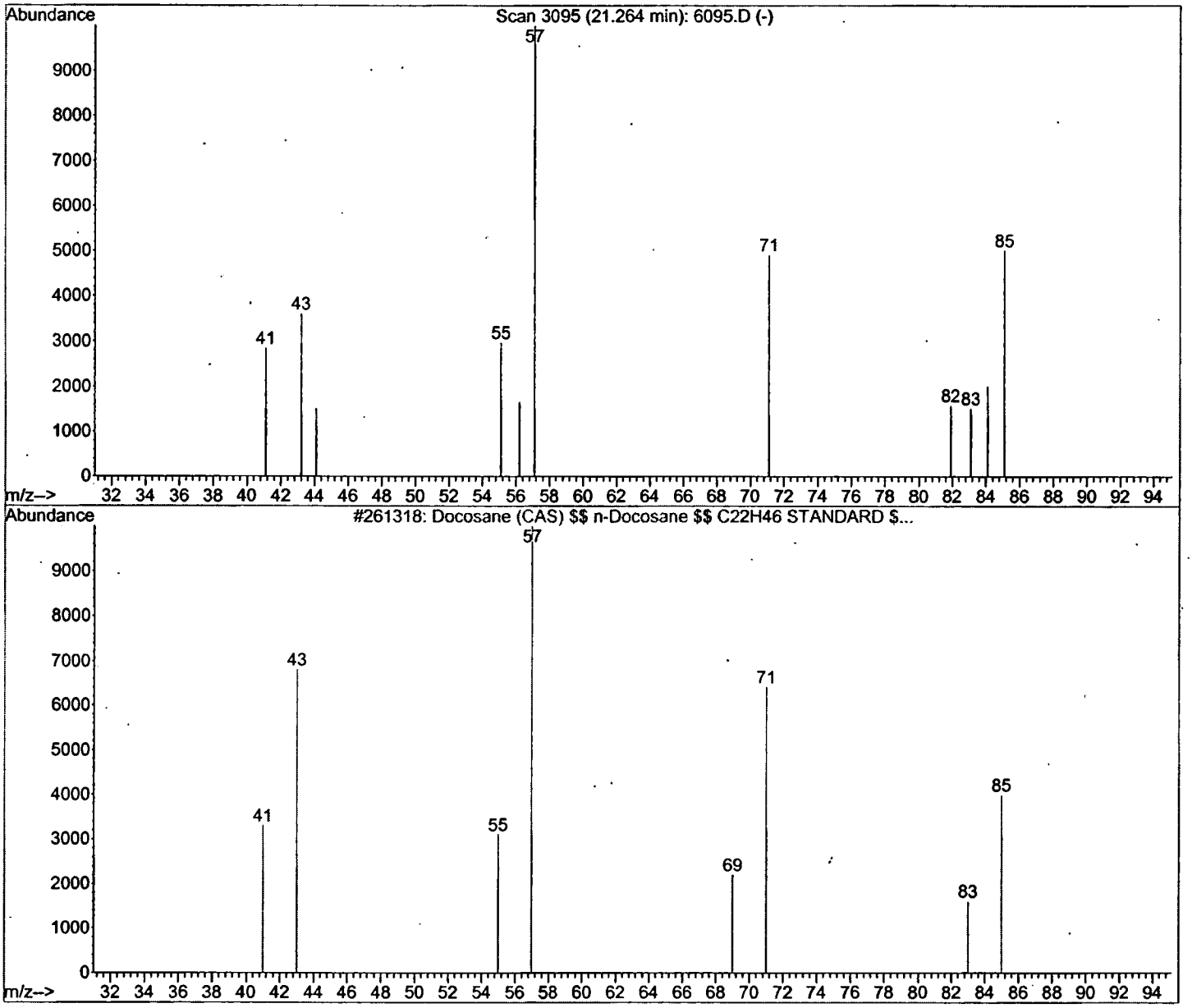


Tentatively Identified Compound (LSC) summary

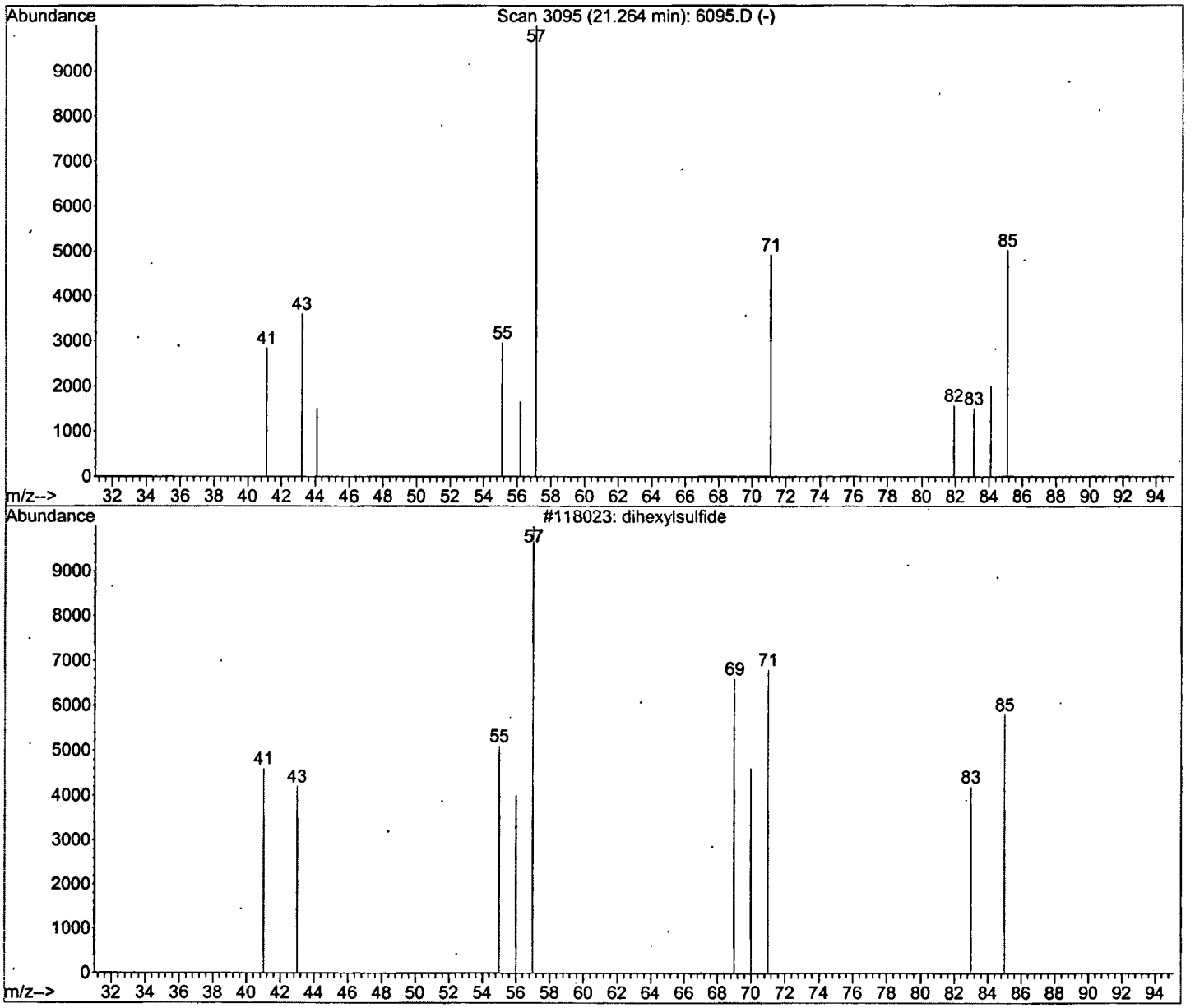
Operator ID: Bohlk Date Acquired: 5 Apr 2002 9:25 am
Data File: C:\MSDCHEM\1\DATA\040402B\6095.D
Name: SAMPLE 6095 3/15/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentasiloxan...	11.97	0.7	ug/L	363108	2	12.94	10897400	20.0

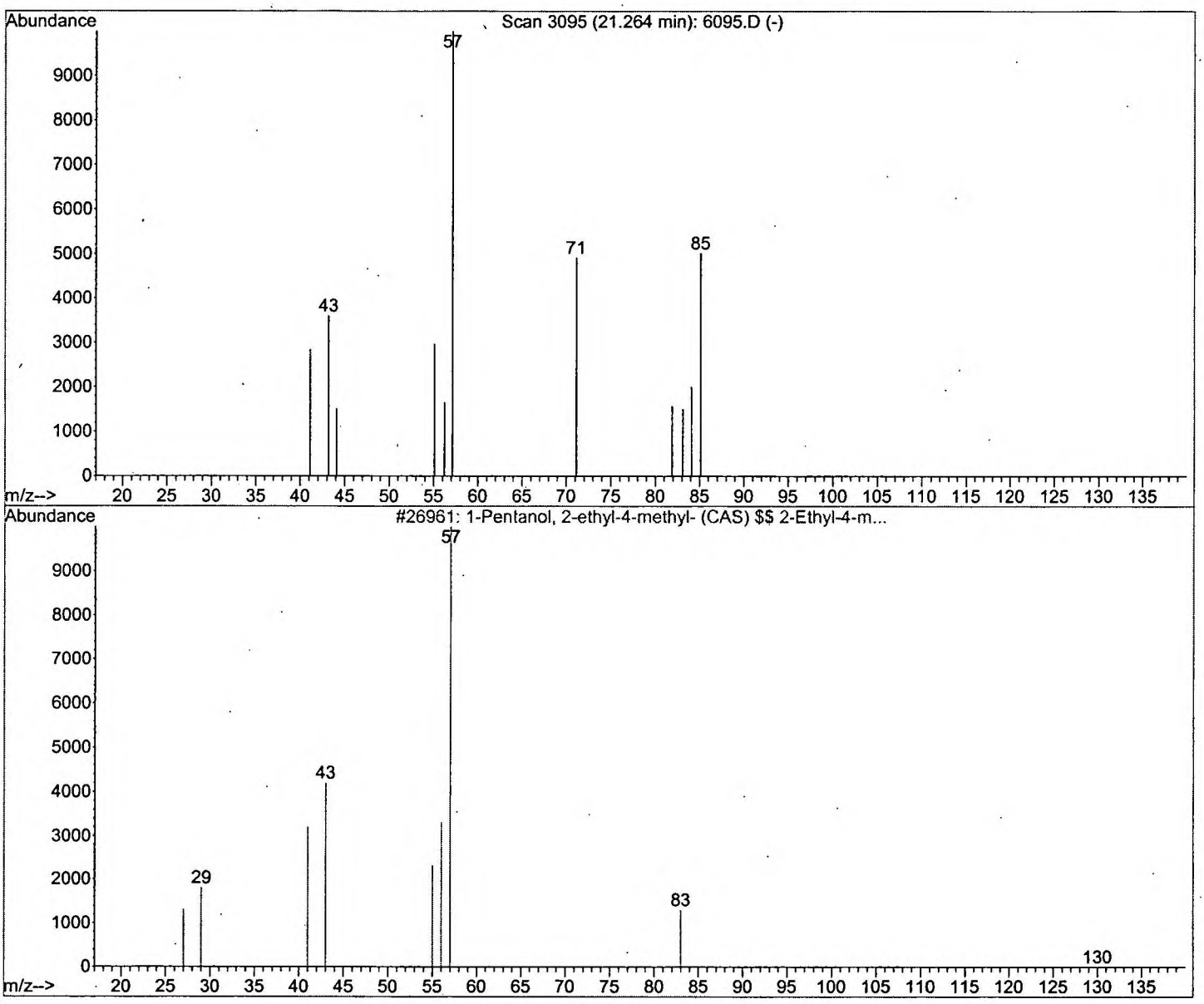
```
Library Searched : C:\Database\wiley7n.l
Quality          : 28
ID               : Docosane (CAS) $$ n-Docosane $$ C22H46 STANDARD $$ Normal-docosane
```



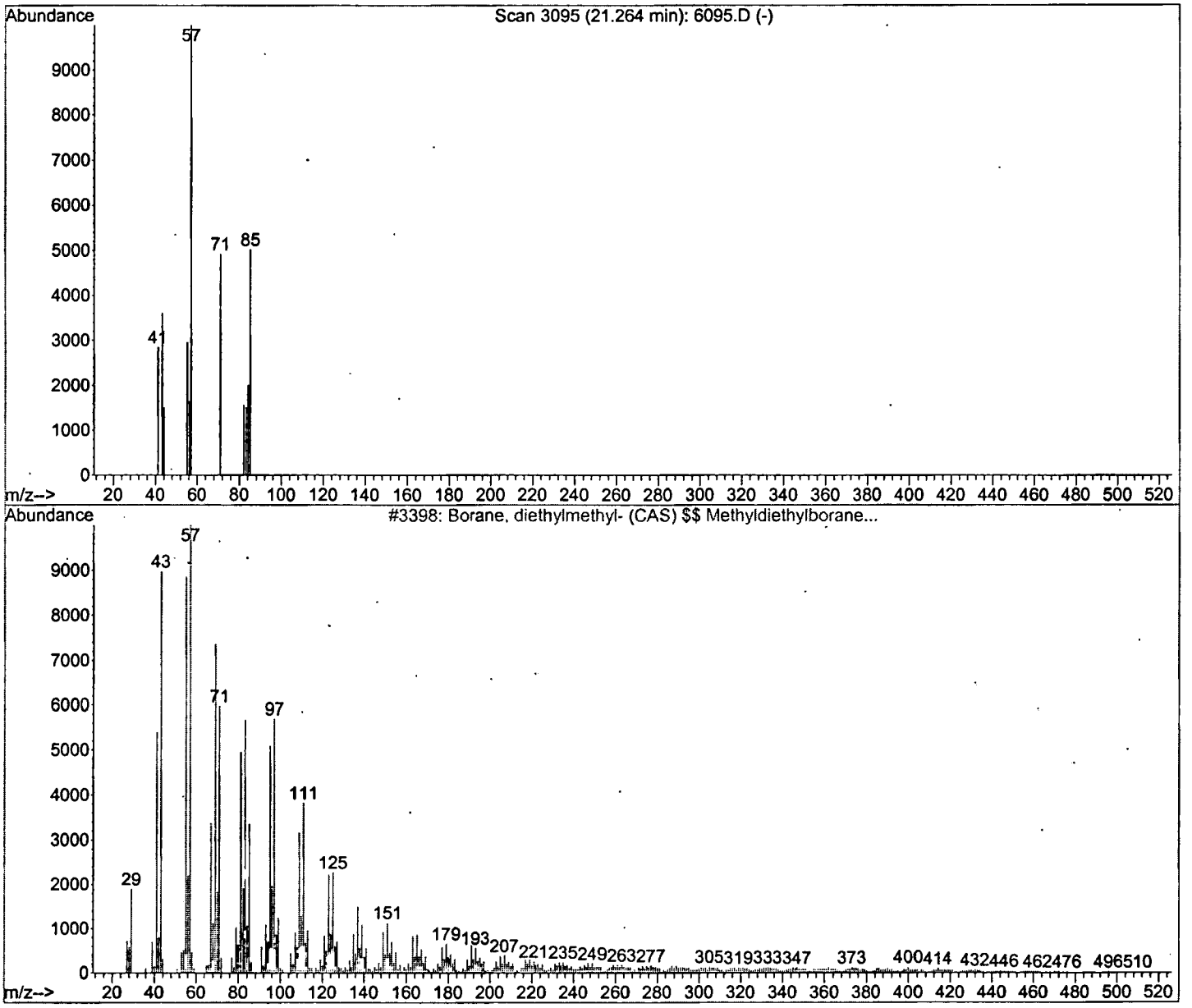
Library Searched : C:\Database\wiley7n.l
Quality : 28
ID : dihexylsulfide



Library Searched : C:\Database\wiley7n.l
Quality : 9
ID : 1-Pentanol, 2-ethyl-4-methyl- (CAS) $$ 2-Ethyl-4-methyl-1-pentanol $$ Octan-2-ol $$ 2-Methyl-1-heptanol $$ 1-Heptanol, 2-methyl- $$ 2-Ethyl-4-methylpentanol $$ 2-Ethylisohexanol



Library Searched : C:\Database\wiley7n.l
Quality : 9
ID : Borane, diethylmethyl- (CAS) $$ Methyldiethylborane $$ DIETHYLMETHYL-B
ORANE $$ Diethylmethylborane $$ Borine, diethylmethyl- $$ HAHNFETT



Library Searched : C:\Database\wiley7n.l
Quality : 7
ID : Furan, 2,5-dihydro-3-methyl- $$ 2,5-Dihydro-3-methylfuran