User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/11/2002 Time: 16:13:49

Sample: AE06853
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/11/02 16:13 Ended: 4/11/02 16:13 Analyst: DLV
Page: 1

	Component Name	Vial #	Result	Qualifier	MDL
1	Other unknown compounds				
2	[illegible]	[illegible]	[illegible]		5.0

Comments for Sample AE06853 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-11-2002 Time: 16:14:24

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 8 of the 43 compounds in the LCS Standard were high.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\040502\6853.D Vial: 46
Acq On : 7 Apr 2002 8:44 am Operator: Bohlk
Sample : SAMPLE 6853 3/22/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 10 07:57:07 2002 Quant Results File: 5080402.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 08 06:47:22 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	1043205	20.00	ug/L	-0.01
10) Naphthalene-d8	12.93	136	4715069	20.00	ug/L	-0.01
17) Acenaphthene-d10	18.04	164	2712896	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.41	188	3913421	20.00	ug/L	-0.01
38) Chrysene-d12	30.23	240	2959346	20.00	ug/L	-0.02
44) Perylene-d12	34.11	264	1851272	20.00	ug/L	-0.01
System Monitoring Compounds						
37) 2,4-DDD (SURR)	27.35	235	275613	7.09	ug/L	0.00
Spiked Amount 5.000			Recovery = 141.80%			
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.	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	25474	0.26	ug/L	97
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\040502\6853.D Vial: 46
Acq On : 7 Apr 2002 8:44 am Operator: Bohlk
Sample : SAMPLE 6853 3/22/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 10 07:57:07 2002 Quant Results File: 5080402.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 08 06:47:22 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

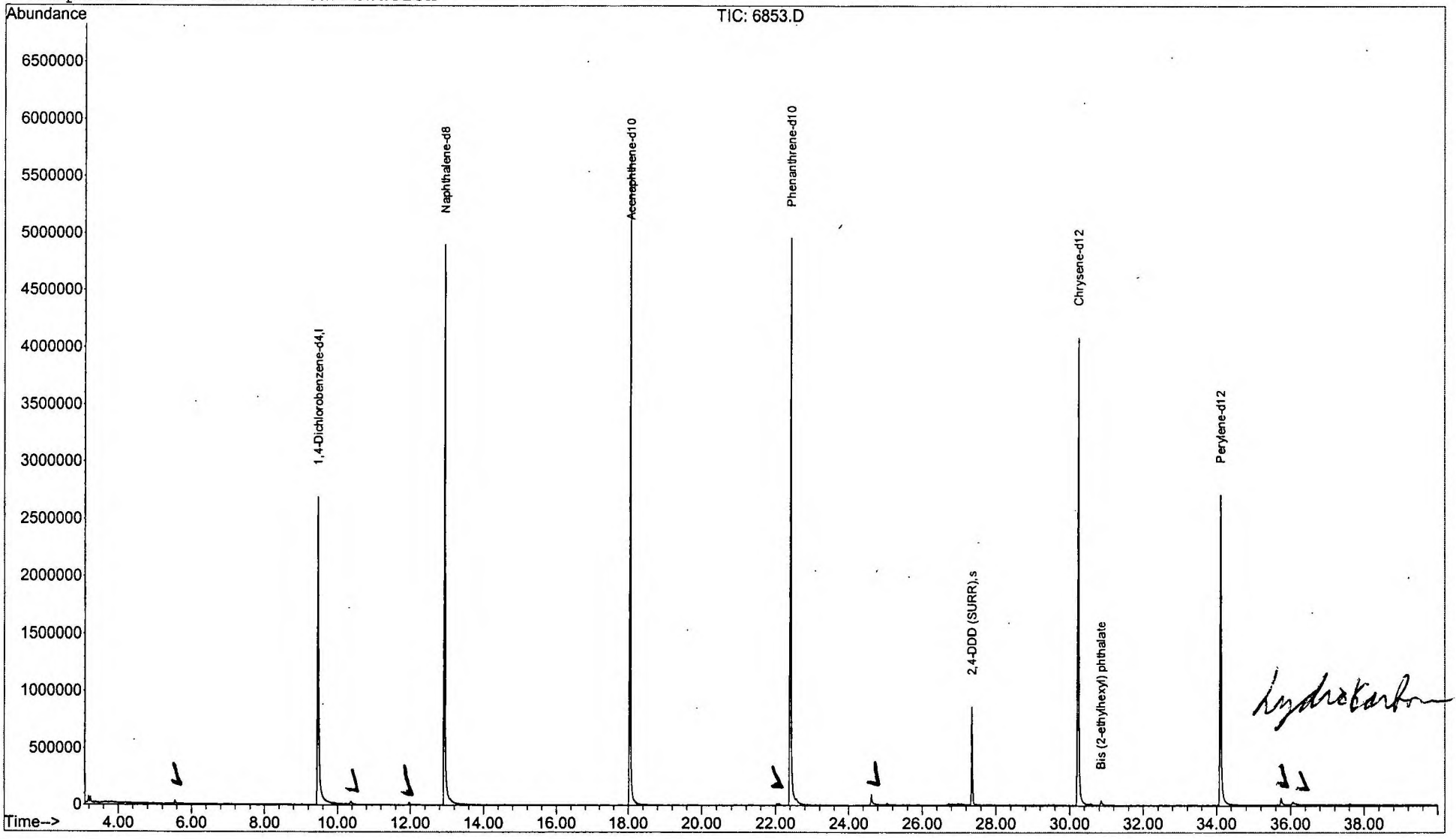
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	0.00	252	0	N.D.	
48) Benzo (a) pyrene	0.00	252	0	N.D.	d
49) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
50) Dibenz (a,h) anthracene	0.00	278	0	N.D.	
51) Benzo (g,h,i) perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration
6853.D 5080402.M Wed Apr 10 07:59:55 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\040502\6853.D
Acq On : 7 Apr 2002 8:44 am
Sample : SAMPLE 6853 3/22/02
Misc :
MS Integration Params: BENZO.P
Quant Time: Apr 10 10:59 2002

Vial: 46
Operator: Bohlk
Inst : Instrumen
Multiplr: 1.00
Quant Results File: 5080402.RES

Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 08 06:47:22 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\040502\6853.D Vial: 46
Acq On : 7 Apr 2002 8:44 am Operator: Bohlk
Sample : SAMPLE 6853 3/22/02 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

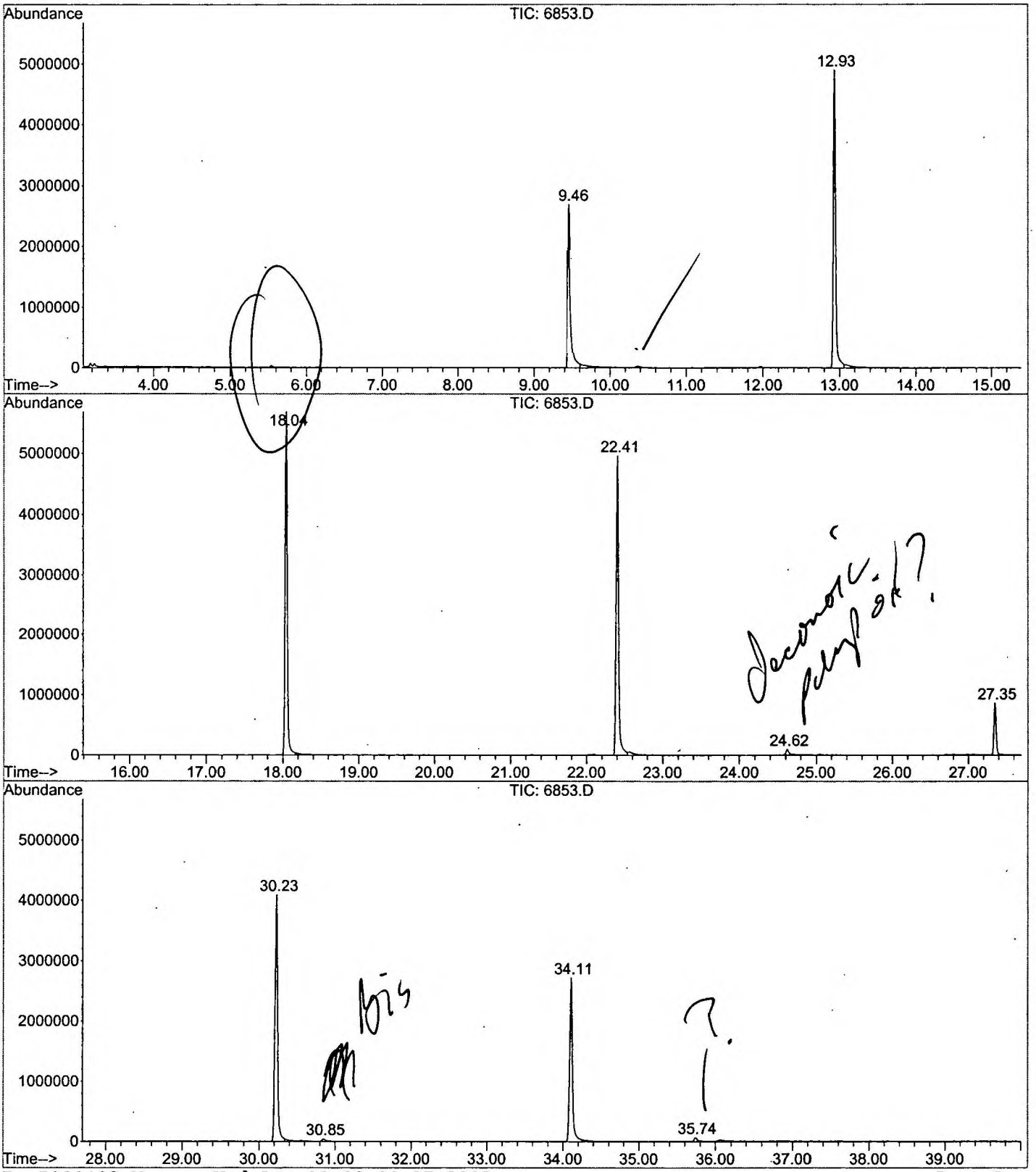
Signal : TIC

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	1110	rBV	2687851	6992146	59.99%	11.791%
2	12.933	1669	1677	1698	rBV	4901702	10233252	87.79%	17.256%
3	18.044	2538	2547	2568	rBV	5687591	11655901	100.00%	19.655%
4	22.410	3280	3290	3311	rBV2	4961905	11403174	97.83%	19.229%
5	24.619	3660	3666	3680	rBV4	89199	229204	1.97%	0.387%
6	27.351	4123	4131	4144	rBV	860114	1679760	14.41%	2.833%
7	30.230	4610	4621	4639	rBV2	4088986	9638872	82.70%	16.254%
8	30.847	4718	4726	4737	rBV6	44142	134806	1.16%	0.227%
9	34.108	5269	5281	5312	rBV2	2713123	7142535	61.28%	12.044%
10	35.736	5551	5558	5569	rBV8	63243	191918	1.65%	0.324%

Sum of corrected areas: 59301568

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\040502\6853.D
Operator : Bohlk
Acquired : 7 Apr 2002 8:44 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 6853 3/22/02
Misc Info :
Vial Number: 46
Quant File :5080402.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\040502\6853.D Vial: 46
Acq On : 7 Apr 2002 8:44 am Operator: Bohlk
Sample : SAMPLE 6853 3/22/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

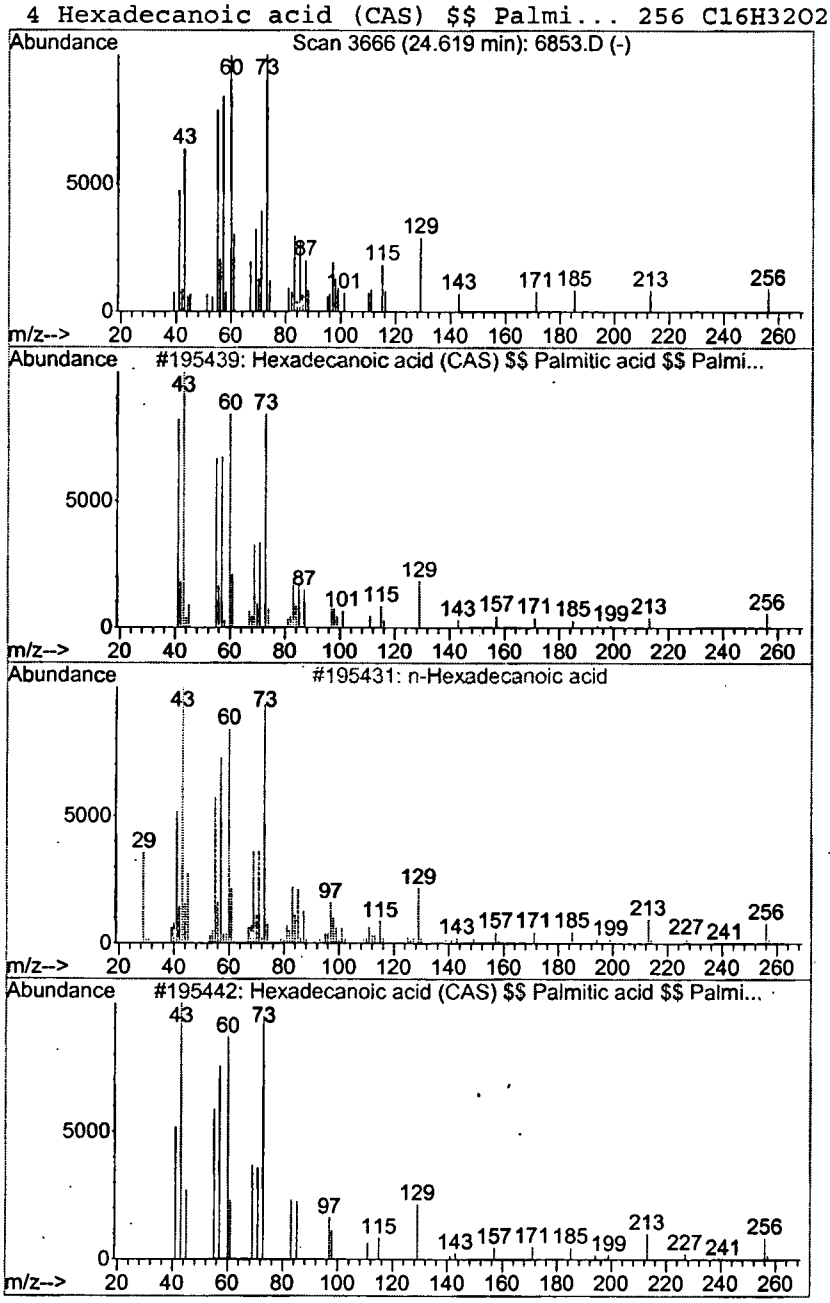
Quant Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

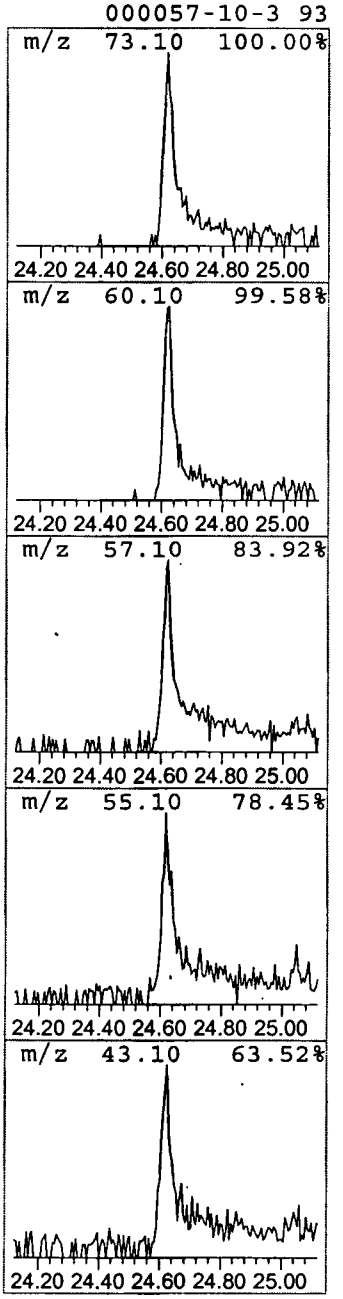
****

Peak Number 1 Hexadecanoic acid (CAS) $$ ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.62	0.40 ug/L	229204	Phenanthrene-d10	22.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid (CAS) $$ Palmi...	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Hexadecanoic acid (CAS) $$ Palmi...	256	C16H32O2	000057-10-3	94
4	Hexadecanoic acid (CAS) $$ Palmi...	256	C16H32O2	000057-10-3	93





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\040502\6853.D Vial: 46
Acq On : 7 Apr 2002 8:44 am Operator: Bohlk
Sample : SAMPLE 6853 3/22/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

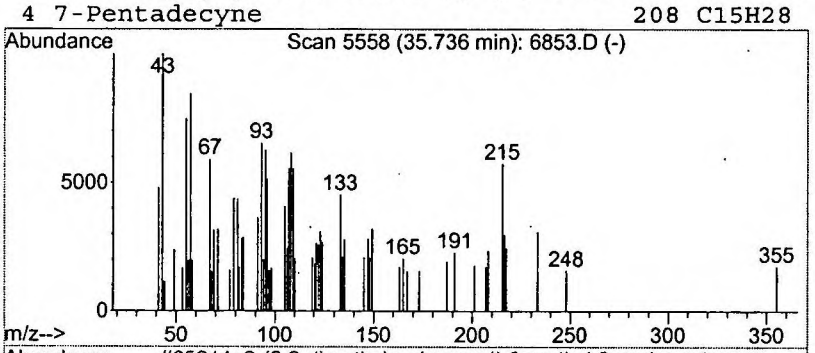
Quant Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

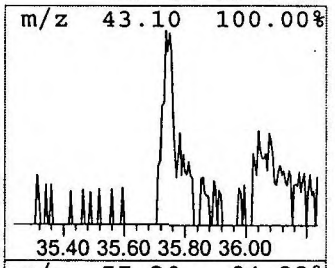
****

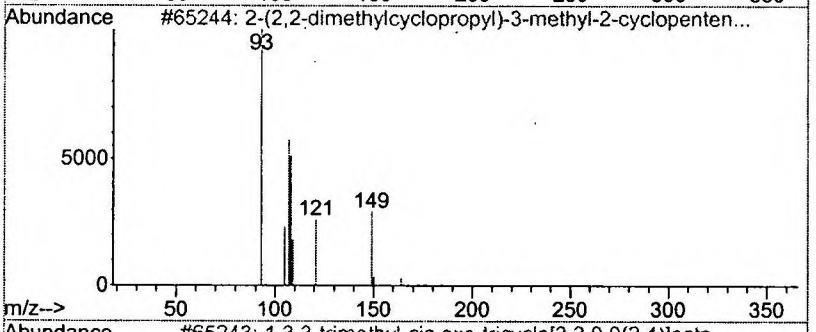
Peak Number 2 2-(2,2-dimethylcyclopropyl)... Concentration Rank 1

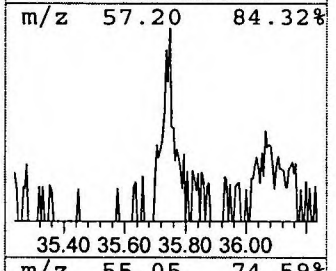
R.T.	EstConc	Area	Relative to ISTD	R.T.
35.74	0.54 ug/L	191918	Perylene-d12	34.11

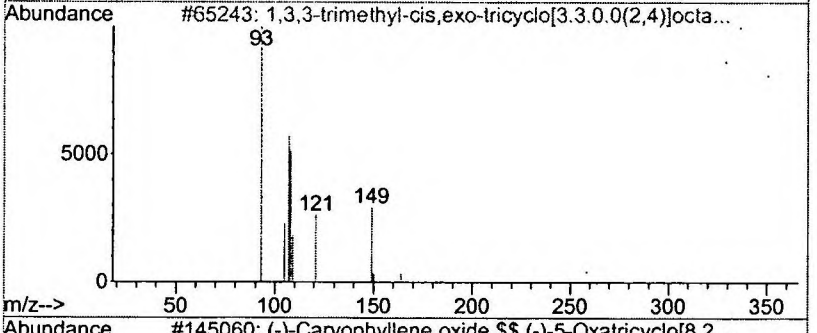
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2,2-dimethylcyclopropyl)-3-me...	164	C11H16O	117873-34-4	14
2	1,3,3-trimethyl-cis,exo-tricyclo...	164	C11H16O	117873-24-2	14
3	(-)-Caryophyllene oxide $$ (-)-5...	220	C15H24O	001139-30-6	11
4	7-Pentadecyne	208	C15H28	022089-89-0	11

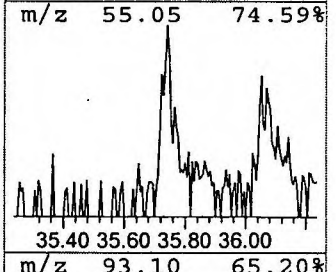


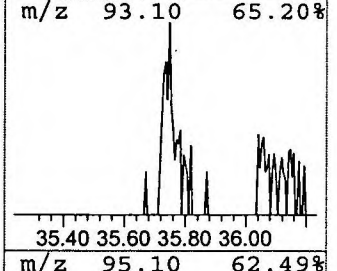


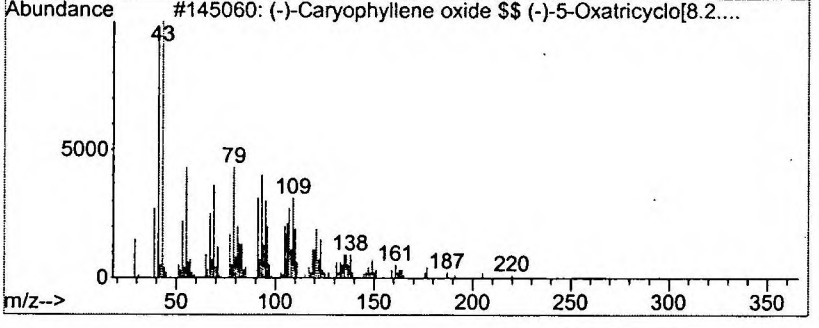


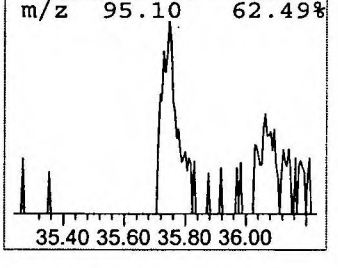










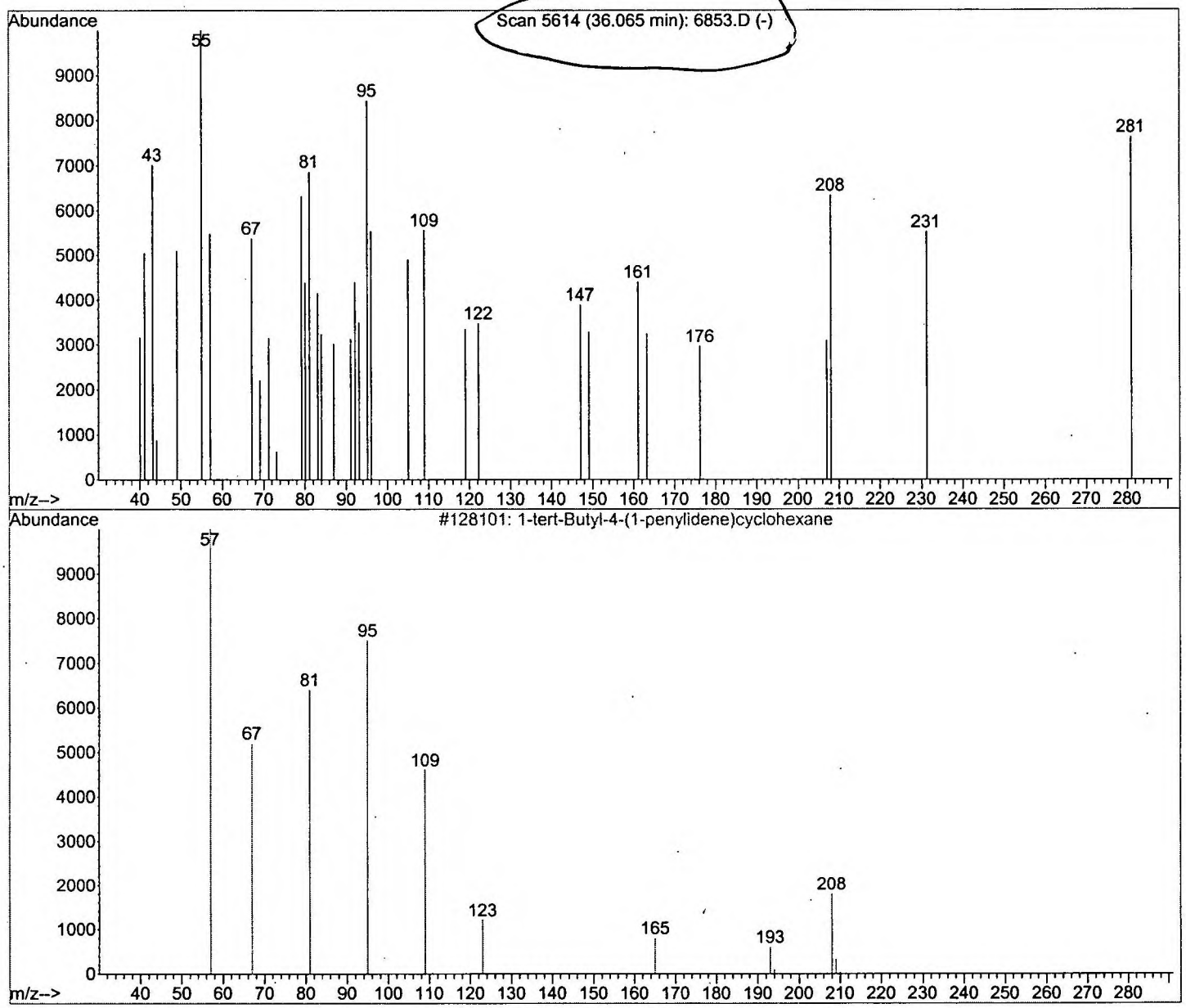


Tentatively Identified Compound (LSC) summary

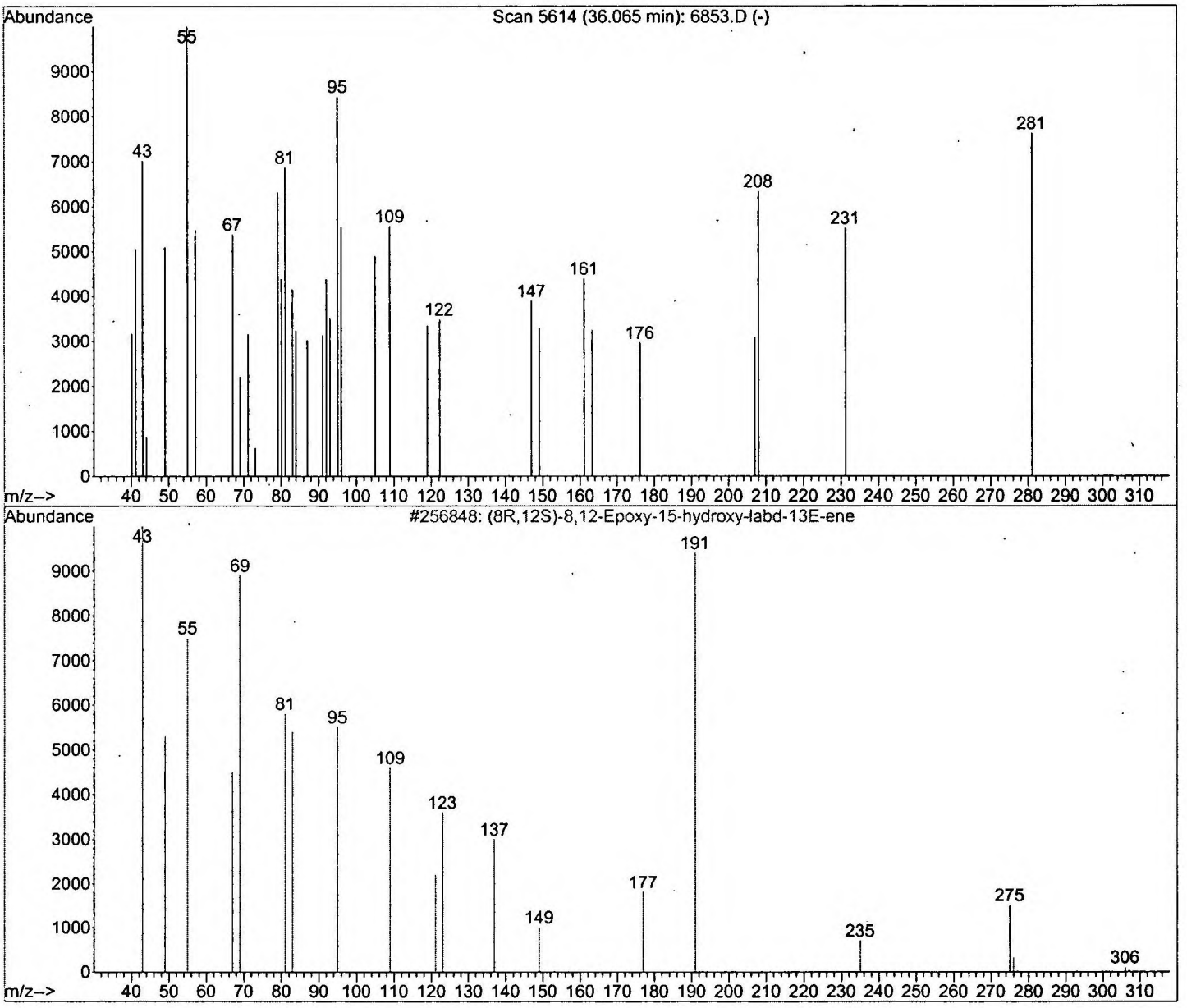
Operator ID: Bohlk Date Acquired: 7 Apr 2002 8:44 am
Data File: C:\MSDCHEM\1\DATA\040502\6853.D
Name: SAMPLE 6853 3/22/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexadecanoic acid...	24.62	0.4	ug/L	229204	4	22.41	11403200	20.0
2-(2,2-dimethylcy...	35.74	0.5	ug/L	191918	6	34.11	7142540	20.0

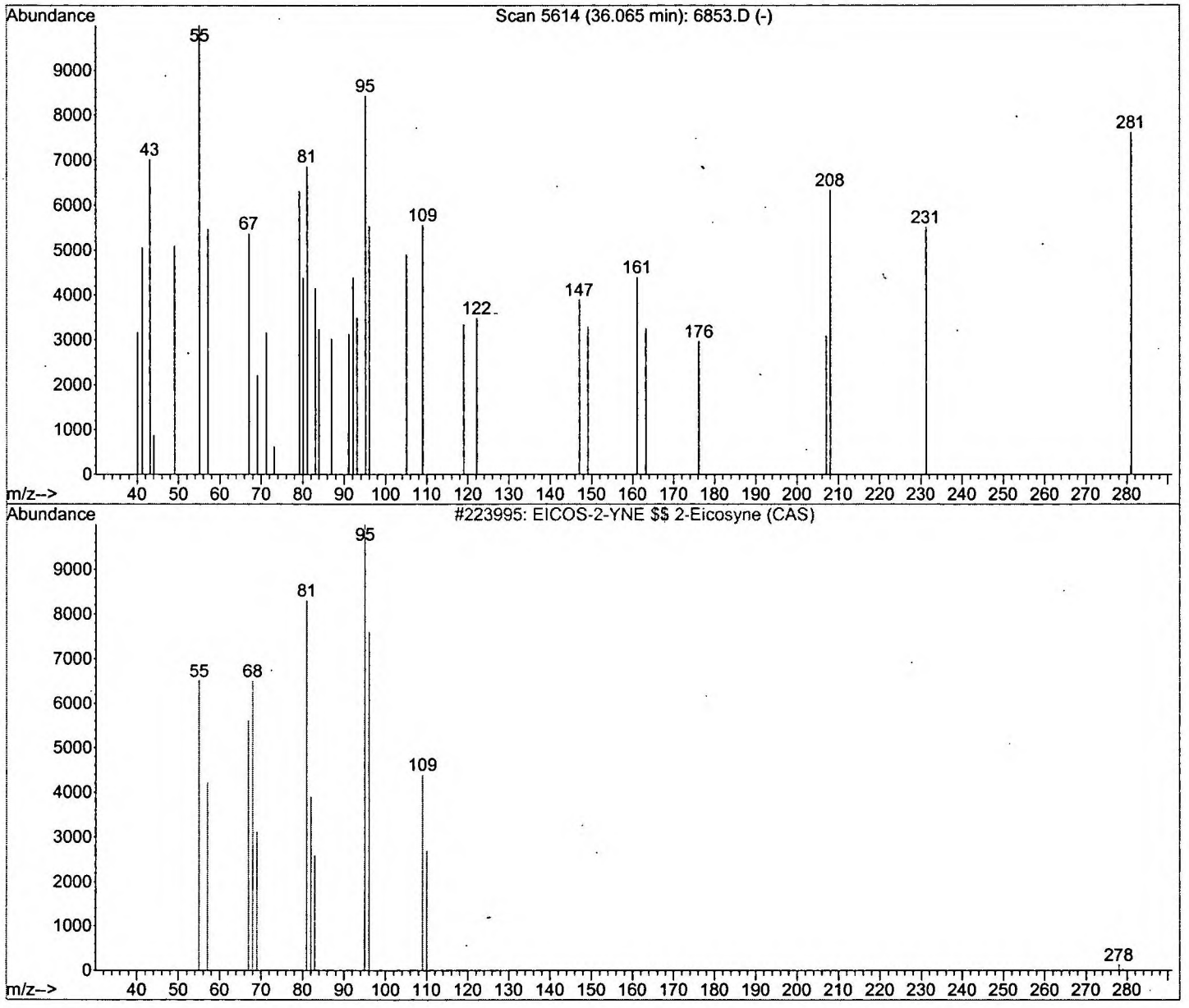
Library Searched : C:\Database\wiley7n.l
Quality : 22
ID : 1-tert-Butyl-4-(1-penylidene)cyclohexane



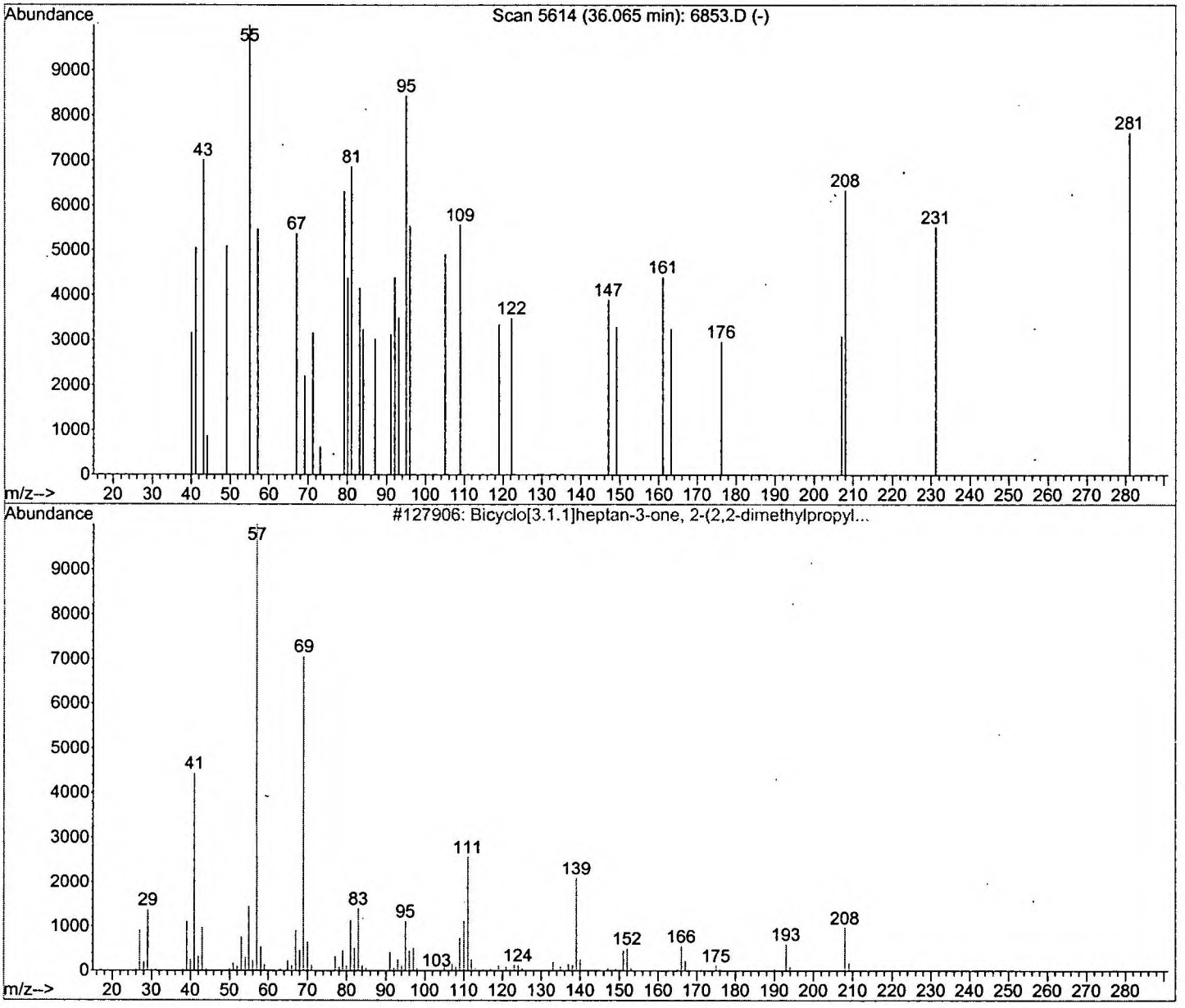
Library Searched : C:\Database\wiley7n.l
Quality : 16
ID : (8R,12S)-8,12-Epoxy-15-hydroxy-labd-13E-ene



Library Searched : C:\Database\wiley7n.l
Quality : 14
ID : EICOS-2-YNE $$ 2-Eicosyne (CAS)



Library Searched : C:\Database\wiley7n.l
Quality : 14
ID : Bicyclo[3.1.1]heptan-3-one, 2-(2,2-dimethylpropyl)-6,6-dimethyl-, (stereoisomer 2)



Library Searched : C:\Database\wiley7n.l
Quality : 12
ID : 2H-Pyran, 2-(7-heptadecynyloxy)tetrahydro-