User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 11:45:24

Sample: AE06096
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/18/2002 11:44 Ended: 4/18/2002 11:44 Analyst: DLV
Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		.	
2	Surr_2,4-DDD		127	5.0

Comments for Sample AE06096 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-18-2002 Time: 11:46:11

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds, except for Isophorone at an estimated level of 0.09 ug/l. This sample is the Field Blank.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\040402B\6096.D Vial: 19
Acq On : 5 Apr 2002 10:15 am Operator: Bohlk
Sample : SAMPLE 6096 3/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 05 13:01:04 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	1195549	20.00	ug/L	-0.01
10) Naphthalene-d8	12.94	136	5286590	20.00	ug/L	0.00
17) Acenaphthene-d10	18.05	164	2974619	20.00	ug/L	0.00
29) Phenanthrene-d10	22.41	188	4263142	20.00	ug/L	-0.01
38) Chrysene-d12	30.23	240	3266681	20.00	ug/L	-0.02
44) Perylene-d12	34.11	264	2062651	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD (SURR)	27.36	235	269115	6.36	ug/L	0.00
Spiked Amount 5.000			Recovery = 127.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.19	74	15424	0.34	ug/L #	28
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	11.74	82	13190	0.09	ug/L	91
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	24.58	149	3267	0.02	ug/L	79
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	0.00	149	0	N.D.	d	
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
6096.D 5080402.M Fri Apr 05 13:20:22 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\040402B\6096.D Vial: 19
Acq On : 5 Apr 2002 10:15 am Operator: Bohlk
Sample : SAMPLE 6096 3/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 05 13:01:04 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

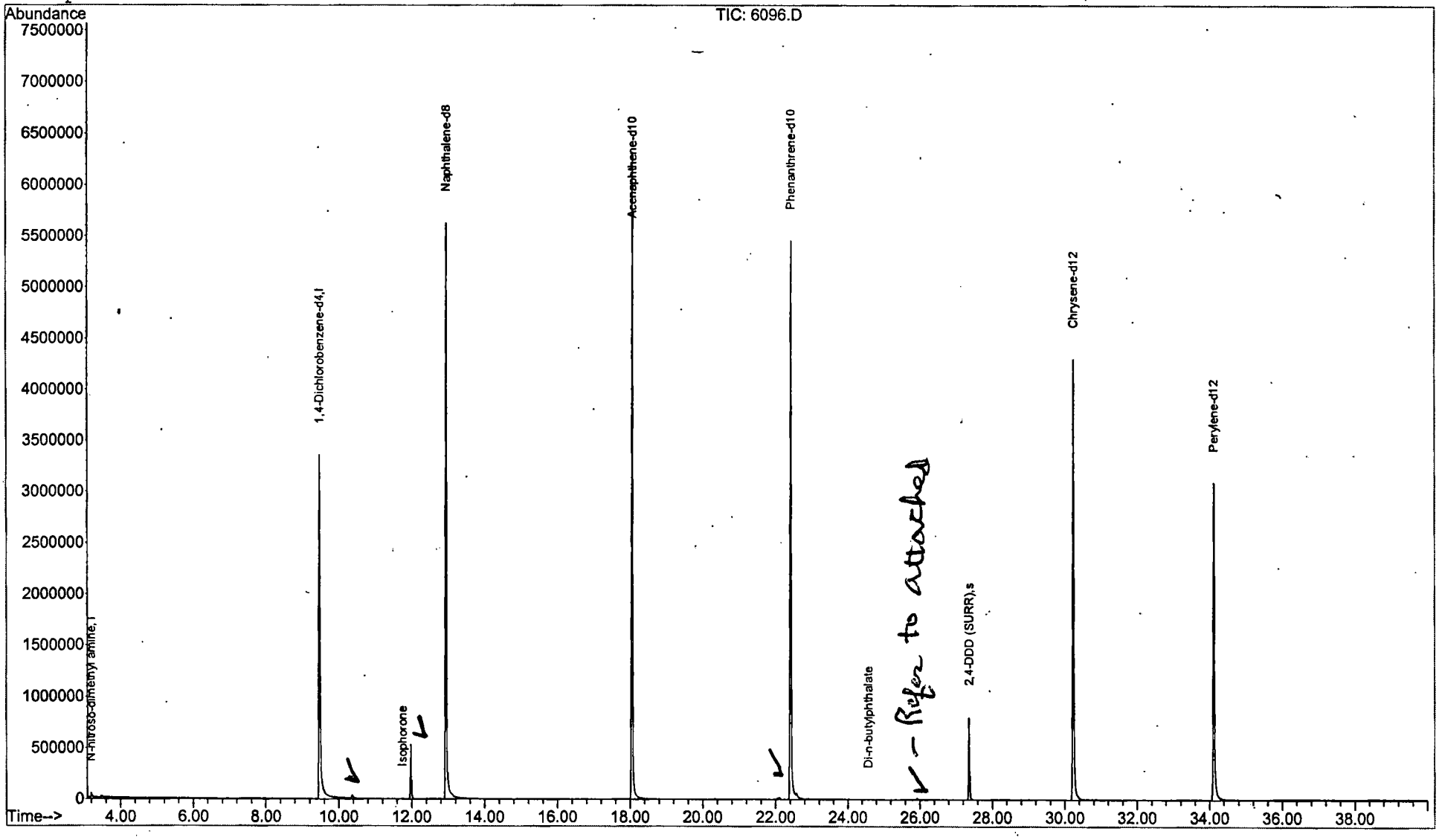
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	0.00	252	0	N.D.	
48) Benzo (a) pyrene	0.00	252	0	N.D. d	
49) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
50) Dibenz (a,h) anthracene	0.00	278	0	N.D.	
51) Benzo (g,h,i) perylene	0.00	276	0	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\040402B\6096.D Vial: 19
Acq On : 5 Apr 2002 10:15 am Operator: Bohlk
Sample : SAMPLE 6096 3/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 5 13:13 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\6096.D Vial: 19
Acq On : 5 Apr 2002 10:15 am Operator: Bohlk
Sample : SAMPLE 6096 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

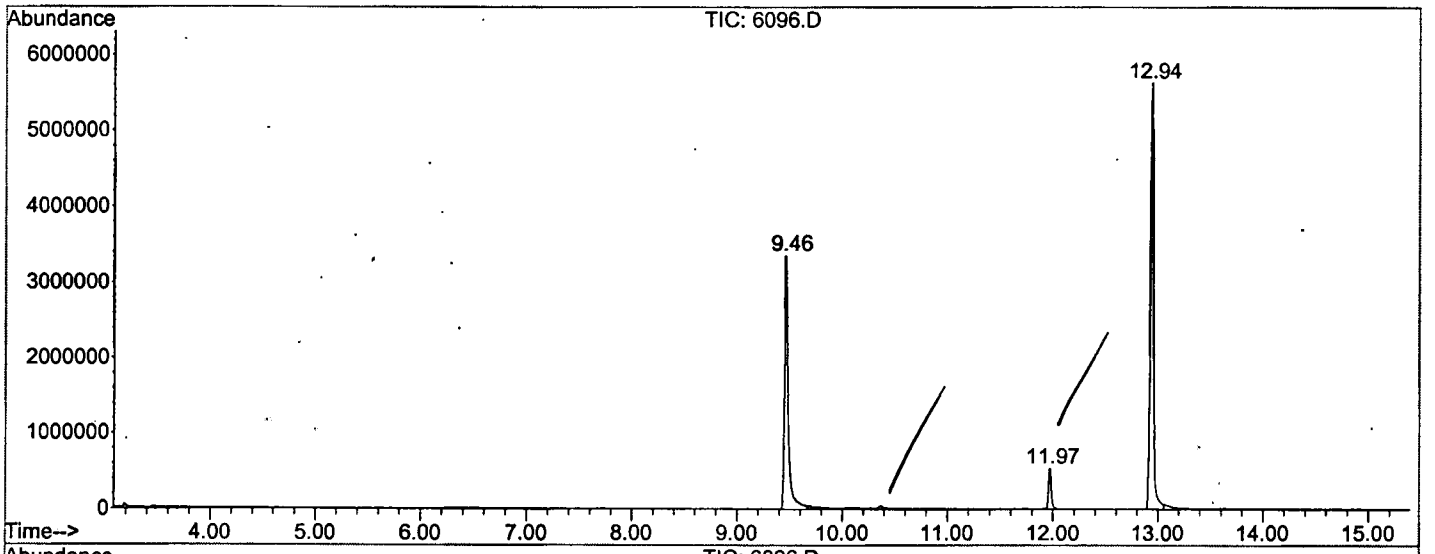
Signal : TIC

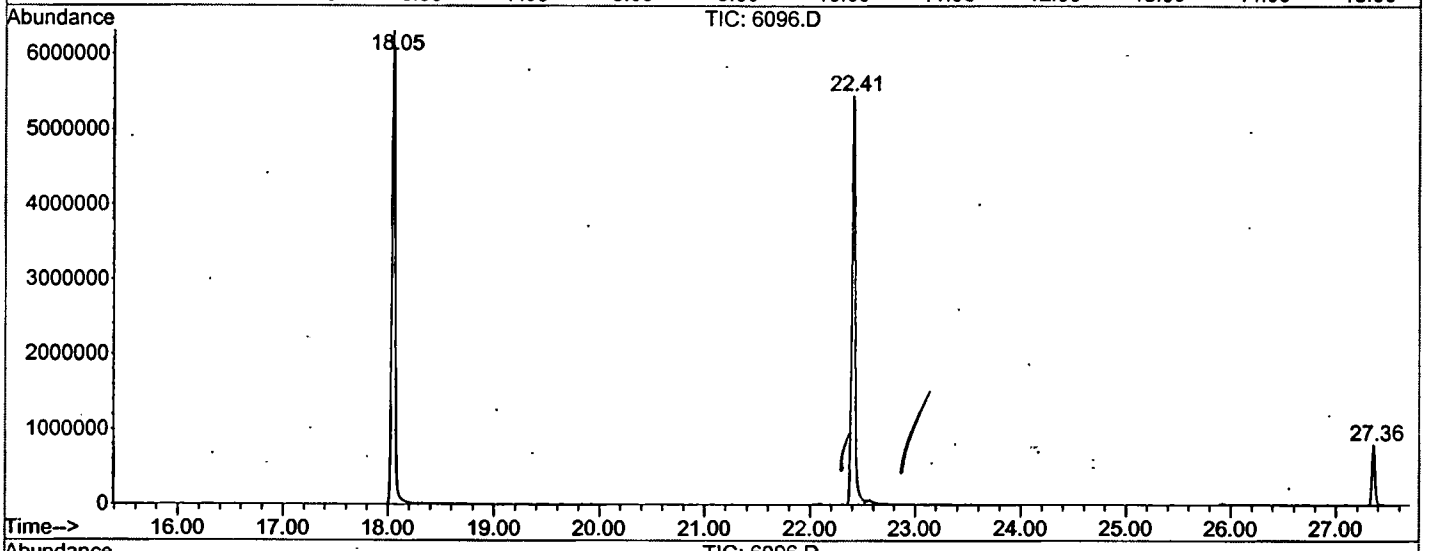
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.460	1079	1086	1121	rBV	3354570	8338746	64.37%	12.554%
2	11.969	1508	1513	1528	rVB	528971	942391	7.27%	1.419%
3	12.938	1669	1678	1698	rBV	5623525	11636579	89.83%	17.520%
4	18.050	2538	2548	2571	rBV	6303331	12954519	100.00%	19.504%
5	22.410	3279	3290	3309	rBV2	5453306	12432451	95.97%	18.718%
6	27.357	4124	4132	4146	rBV	803048	1607326	12.41%	2.420%
7	30.230	4611	4621	4651	rBV2	4299603	10662743	82.31%	16.053%
8	34.114	5271	5282	5301	rBV2	3094210	7845935	60.57%	11.812%

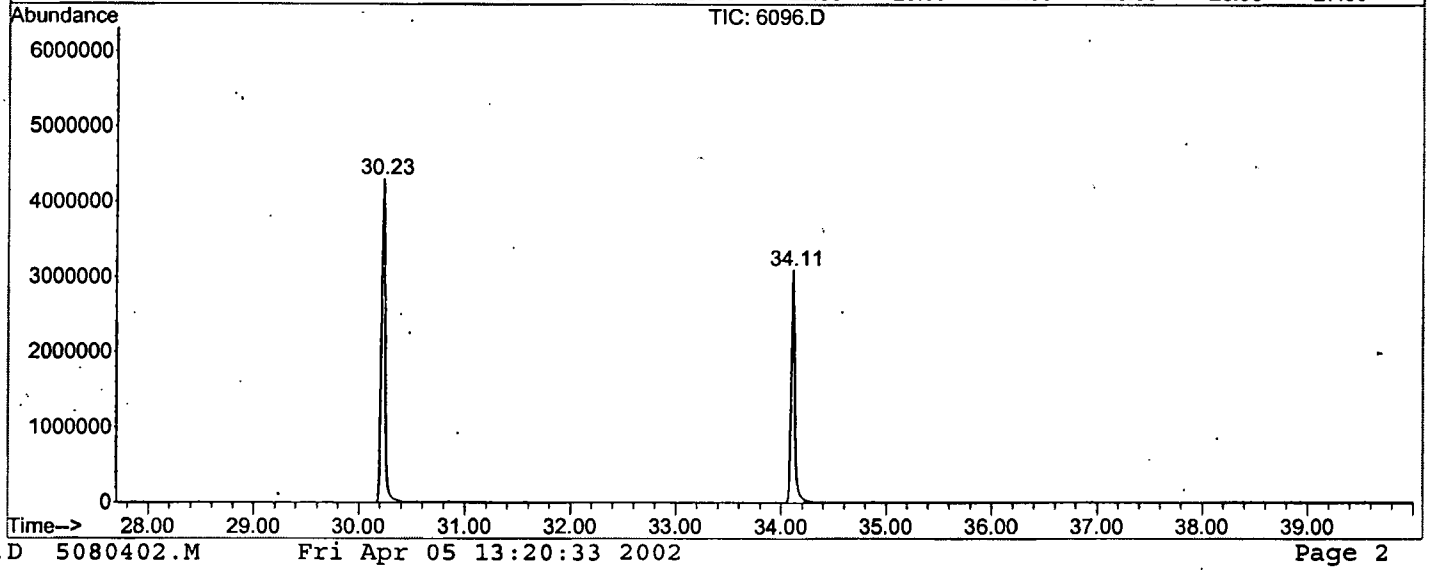
Sum of corrected areas: 66420690

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\040402B\6096.D
Operator : Bohlk
Acquired : 5 Apr 2002 10:15 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 6096 3/15/02
Misc Info :
Vial Number: 19
Quant File :5080402.RES (RTE Integrator)







Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\040402B\6096.D Vial: 19
Acq On : 5 Apr 2002 10:15 am Operator: Bohlk
Sample : SAMPLE 6096 3/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

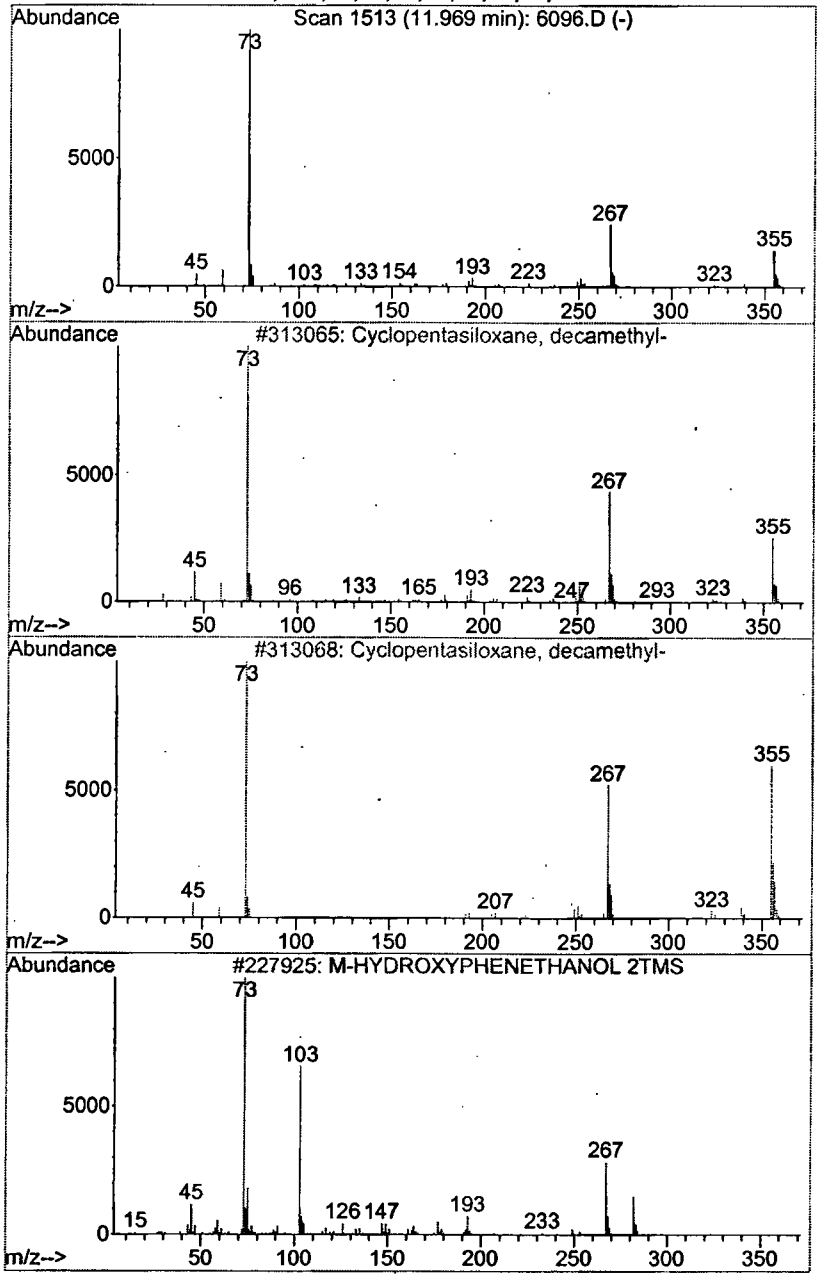
Quant Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

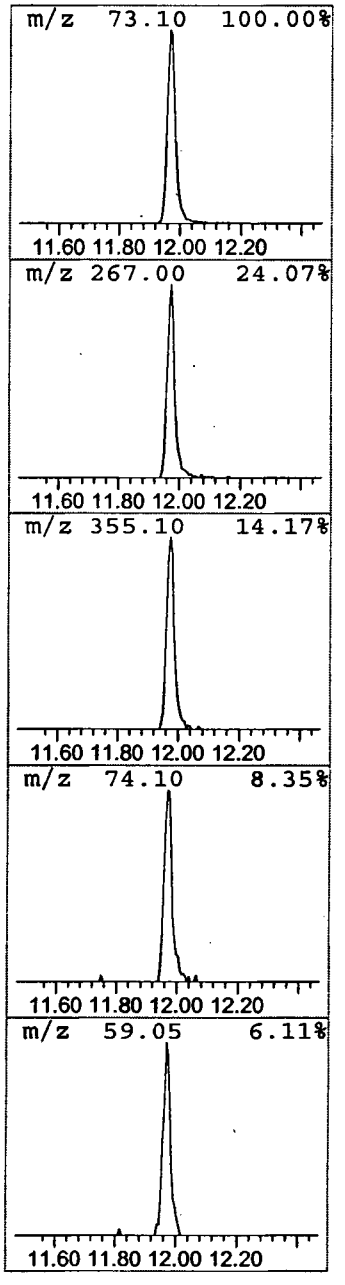
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	1.62 ug/L	942391	Naphthalene-d8	12.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	42
3	M-HYDROXYPHENETHANOL 2TMS	282	C14H26O2Si2	000000-00-0	38
4	Pentasiloxane, 1,1,3,3,5,5,7,7,9...	356	C10H32O4Si5	000995-83-5	36



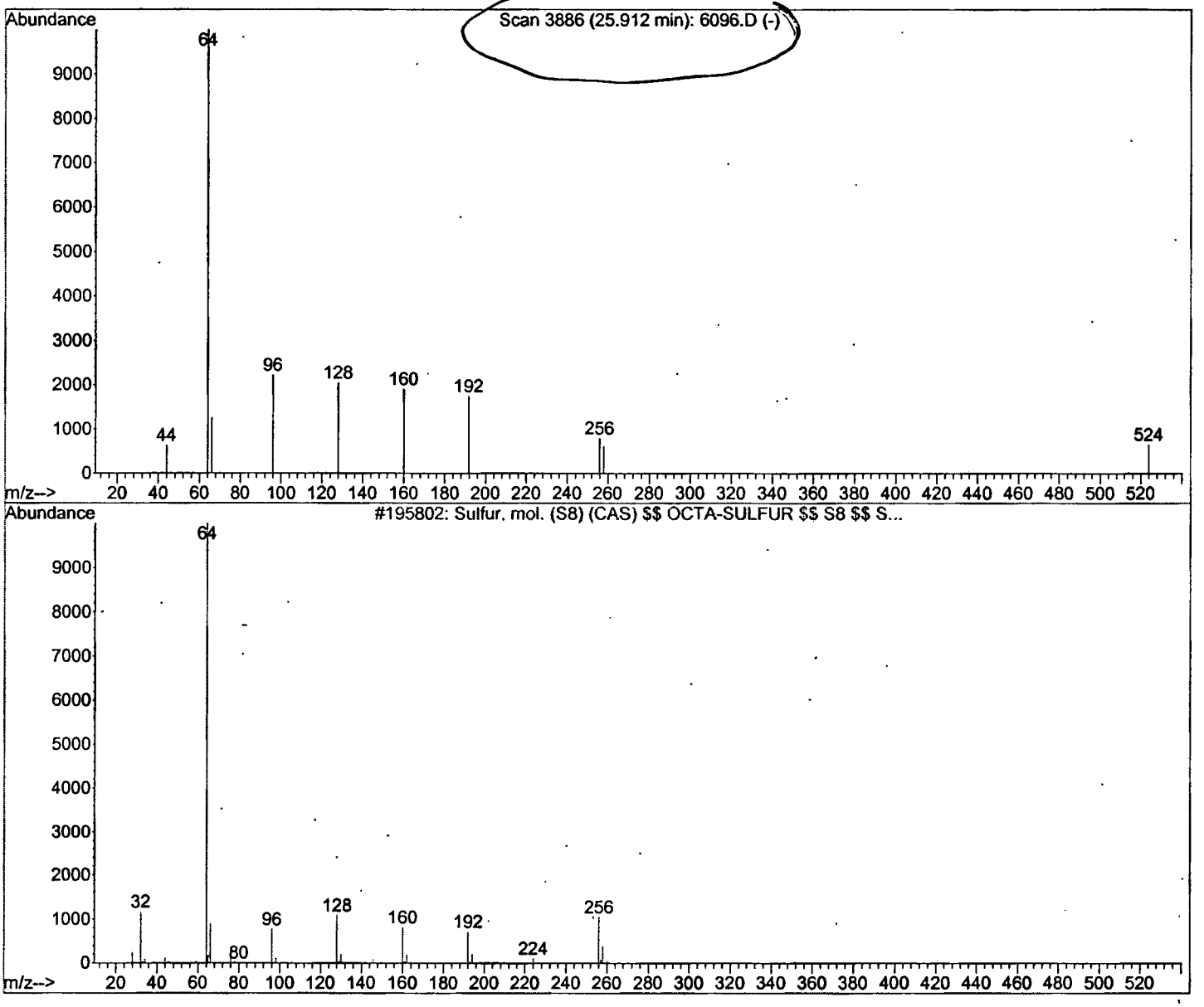


Tentatively Identified Compound (LSC) summary

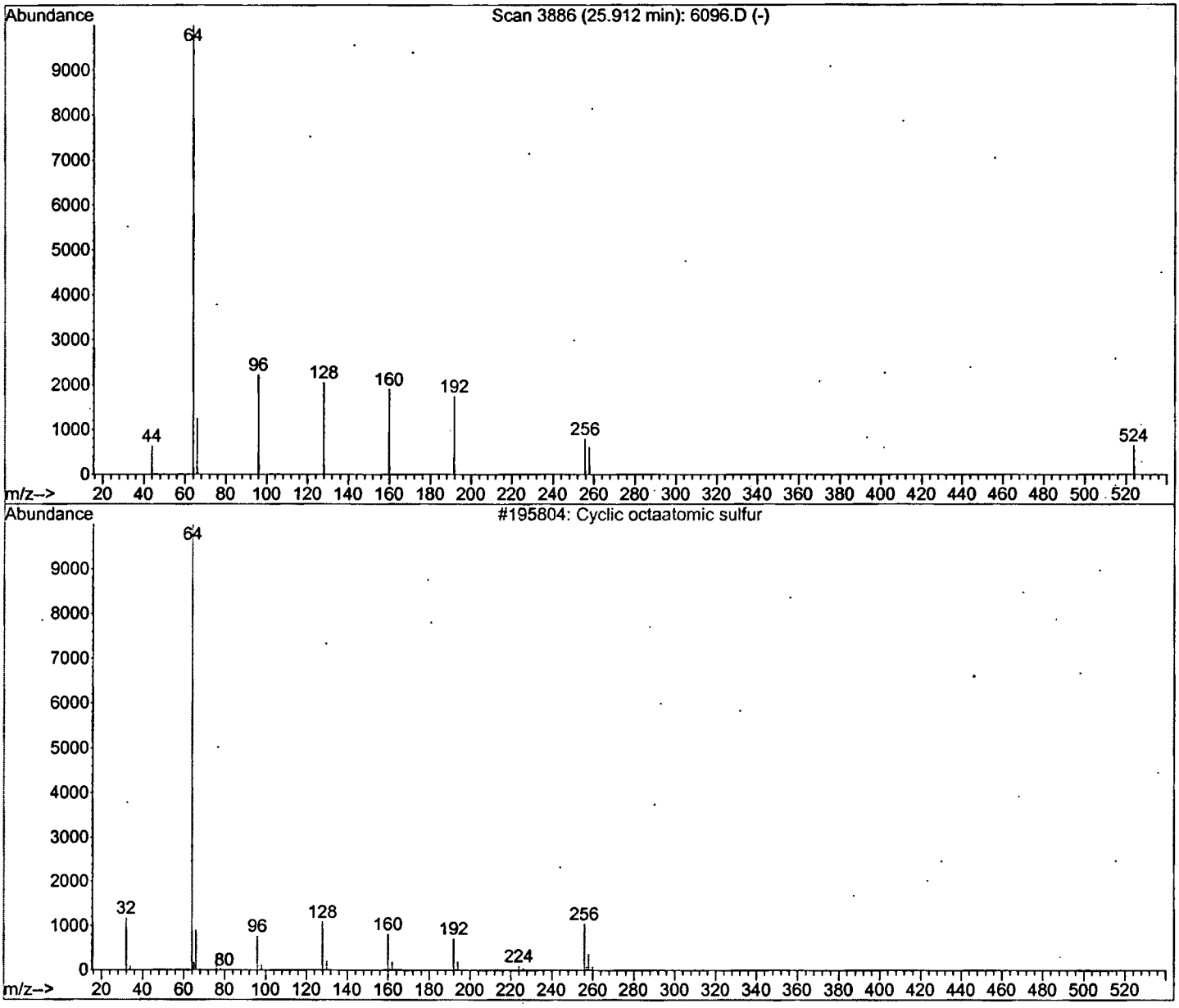
Operator ID: Bohlk Date Acquired: 5 Apr 2002 10:15 am
Data File: C:\MSDCHEM\1\DATA\040402B\6096.D
Name: SAMPLE 6096 3/15/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentasiloxan...	11.97	1.6	ug/L	942391	2	12.94	11636600	20.0

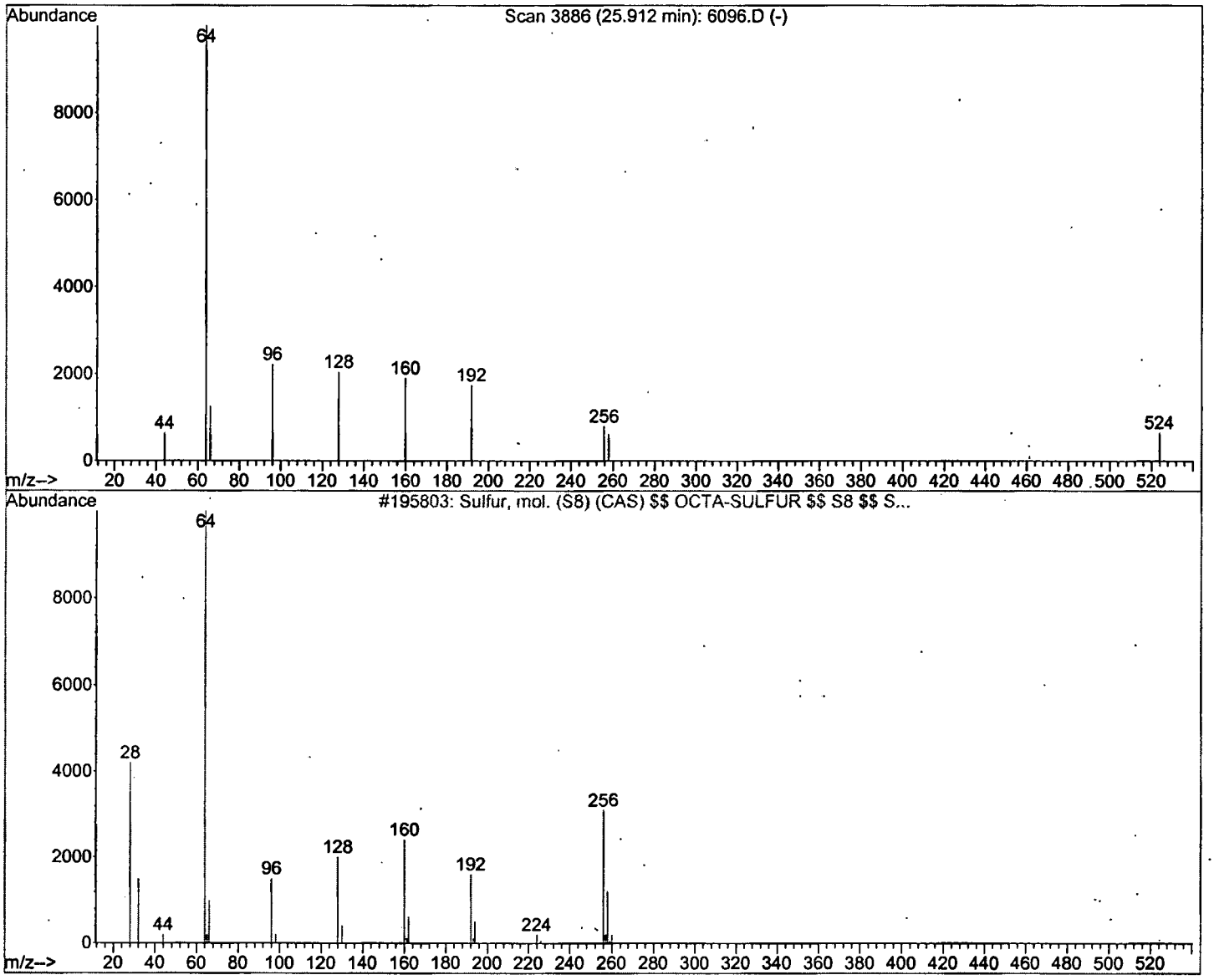
Library Searched : C:\database\wiley7n.l
Quality : 83
ID : Sulfur, mol. (S8) (CAS) $$ OCTA-SULFUR $$ S8 $$ Sulfur (S8) $$ Octathiocane $$ Cyclooctasulfur $$ Orthorhombic sulfur $$ Sulfur molecule (S8) $$ Cyclic octaatomic sulfur $$ Cyclooctasulphur



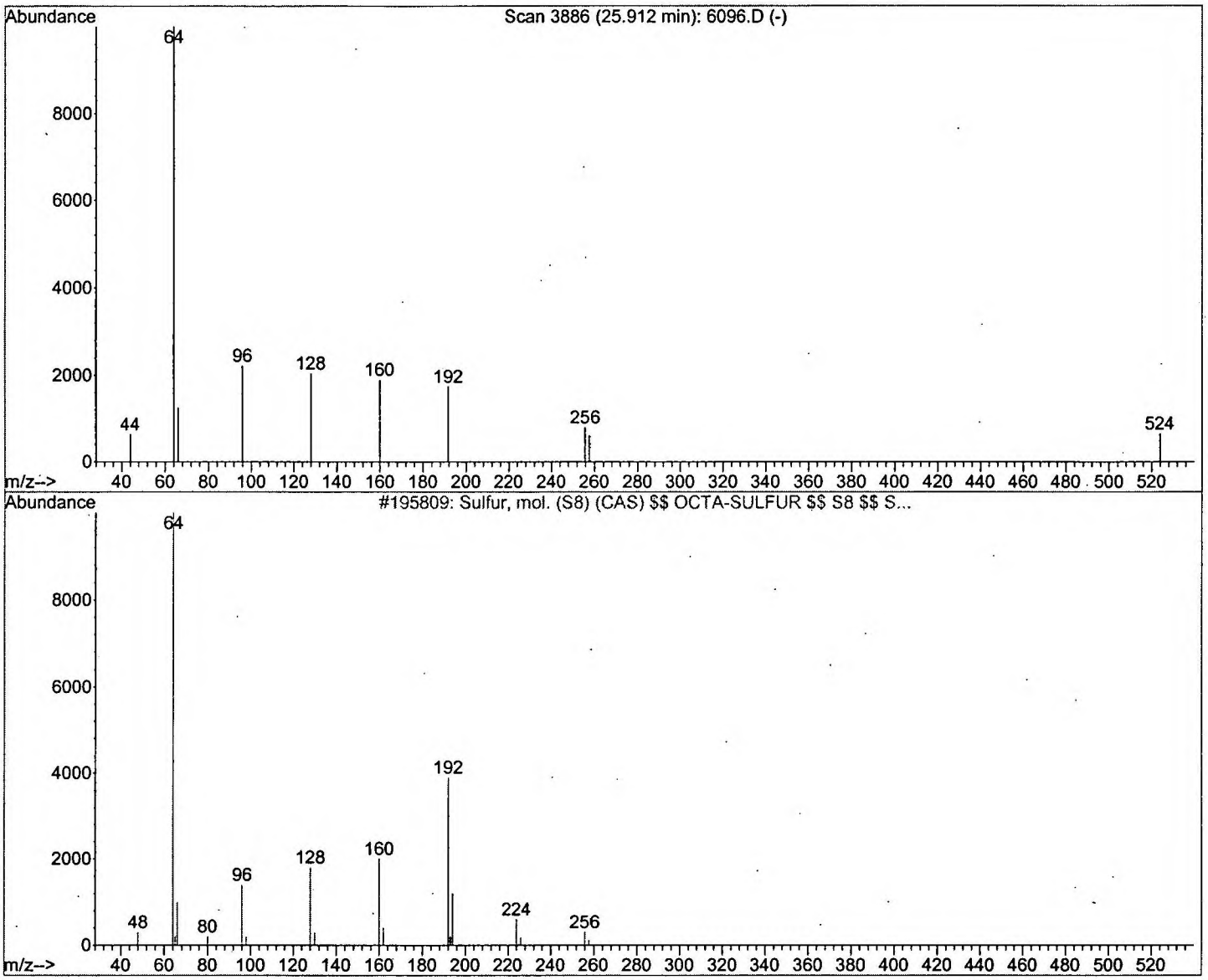
Library Searched : C:\database\wiley7n.l
Quality : 83
ID : Cyclic octaatomic sulfur



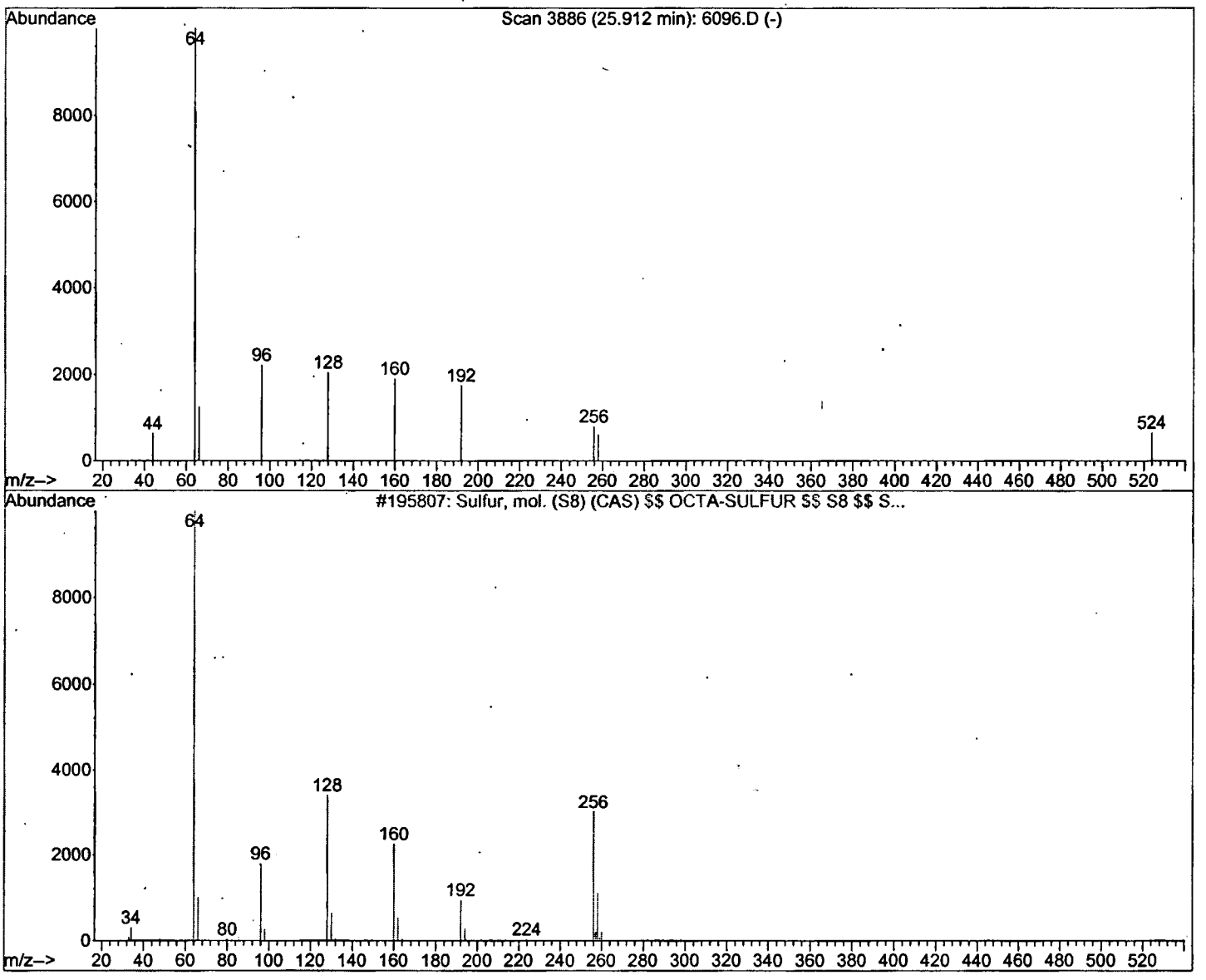
Library Searched : C:\database\wiley7n.l
Quality : 83
ID : Sulfur, mol. (S8) (CAS) $$ OCTA-SULFUR $$ S8 $$ Sulfur (S8) $$ Octathiocane $$ Cyclooctasulfur $$ Orthorhombic sulfur $$ Sulfur molecule (S8) $$ Cyclic octaatomic sulfur $$ Cyclooctasulphur $$ Sulfur $$ Octasulfur $$ Sulfur octamer



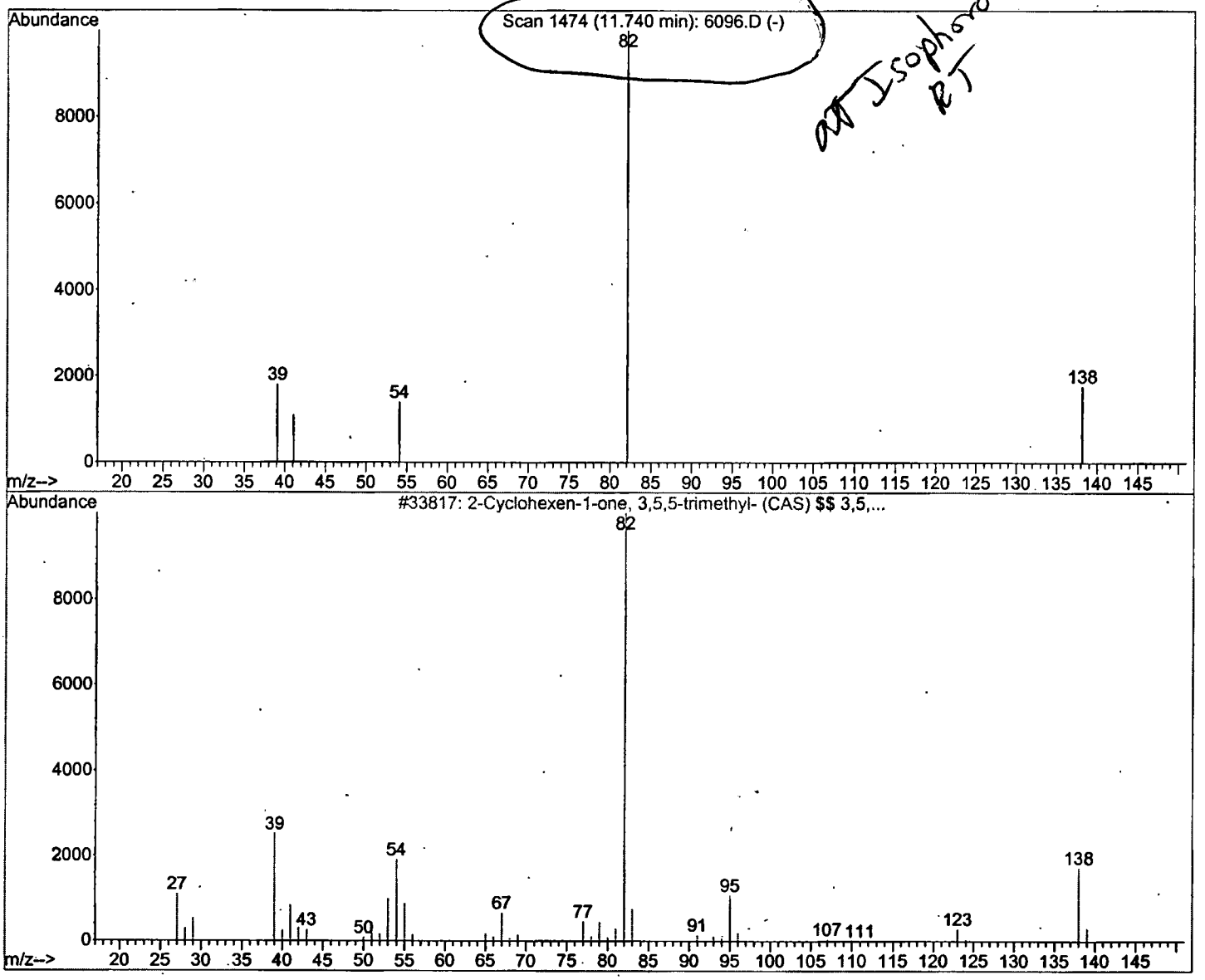
```
Library Searched : C:\database\wiley7n.l
Quality          : 83
ID               : Sulfur, mol. (S8) (CAS) $$ OCTA-SULFUR $$ S8 $$ Sulfur (S8) $$ Octathi
                   ocane $$ Cyclooctasulfur $$ Orthorhombic sulfur $$ Sulfur molecule (S8
                   ) $$ Cyclic octaatomic sulfur $$ Cyclooctasulphur $$ Sulfur $$ Octasul
                   fur $$ Sulfur octamer
```



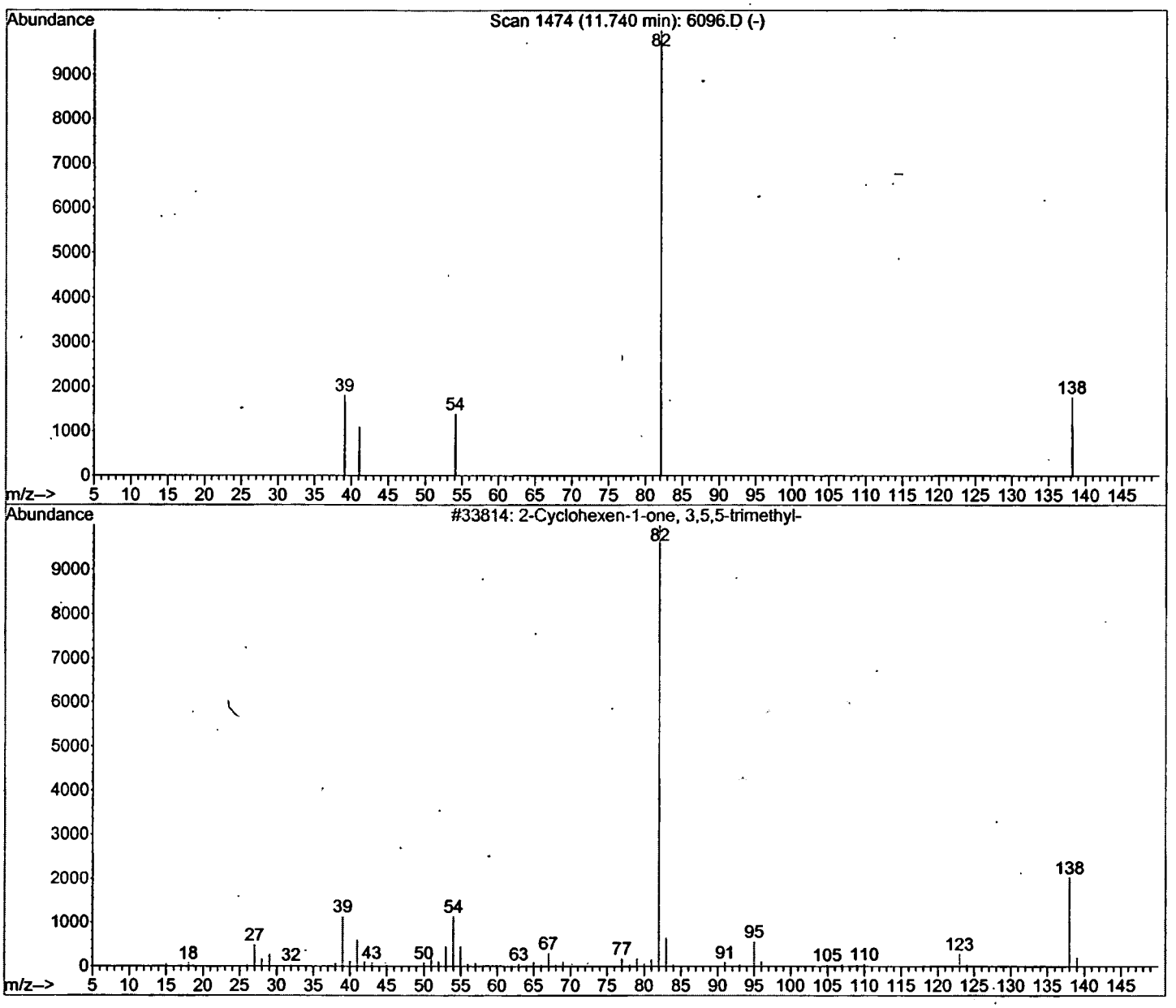
Library Searched : C:\database\wiley7n.l
Quality : 83
ID : Sulfur, mol. (S8) (CAS) $$ OCTA-SULFUR $$ S8 $$ Sulfur (S8) $$ Octathiocane $$ Cyclooctasulfur $$ Orthorhombic sulfur $$ Sulfur molecule (S8) $$ Cyclic octaatomic sulfur $$ Cyclooctasulphur $$ Sulfur $$ Octasulfur $$ Sulfur octamer



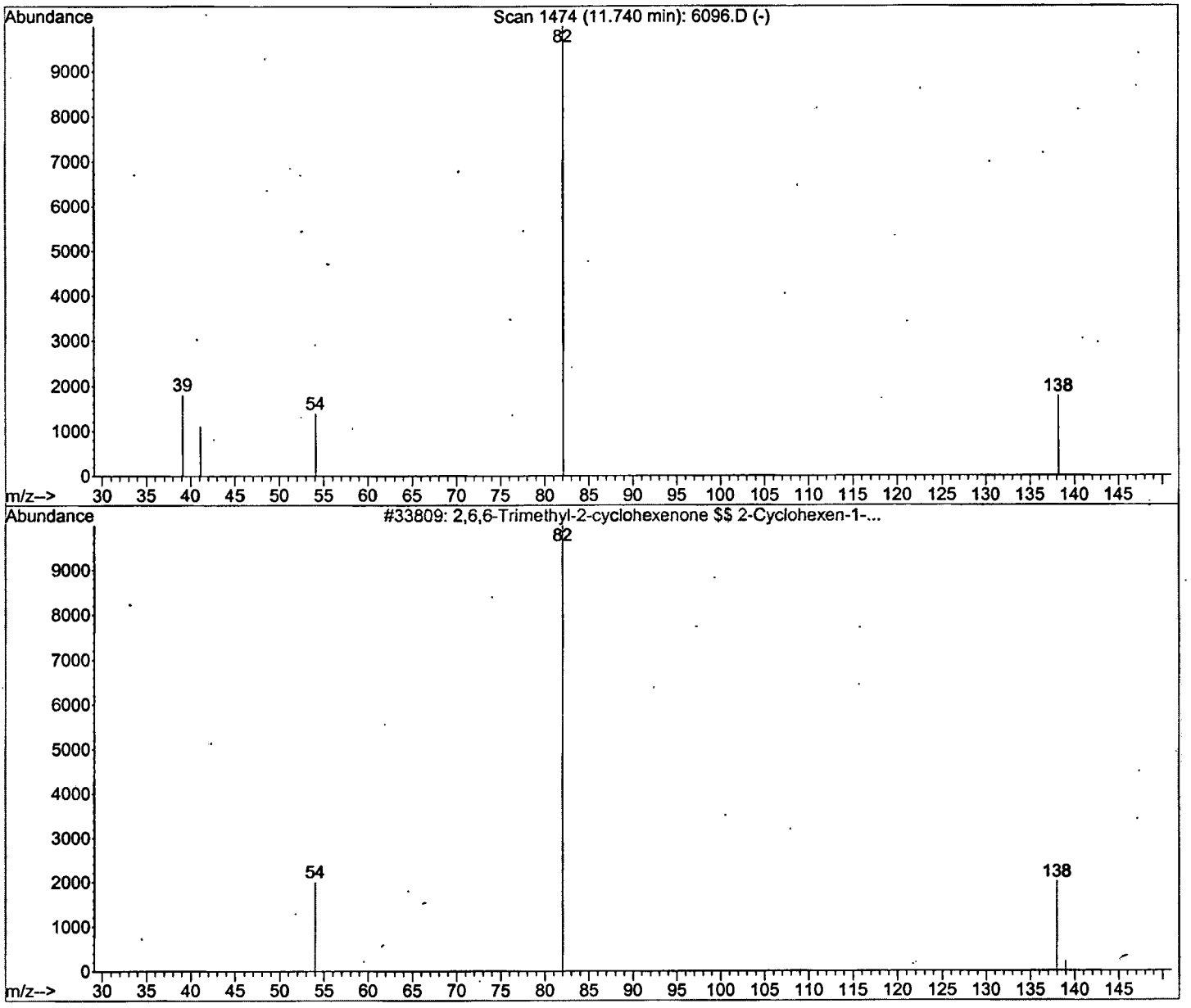
Library Searched : C:\Database\wiley7n.l
Quality : 9
ID : 2-Cyclohexen-1-one, 3,5,5-trimethyl- (CAS) $$ 3,5,5-Trimethyl-2-cycloh exenone $$ 1,5,5-TRIMETHYLCYCLOHEXEN-3-ONE $$ Isophorone $$ Isoforon $ $ Isophoron $$ Isoacetophorone $$ .alpha.-Isophoron $$ .alpha.-Isophor one $$ 3,5,5-trimethyl-2-cyclohexen-1-one $$



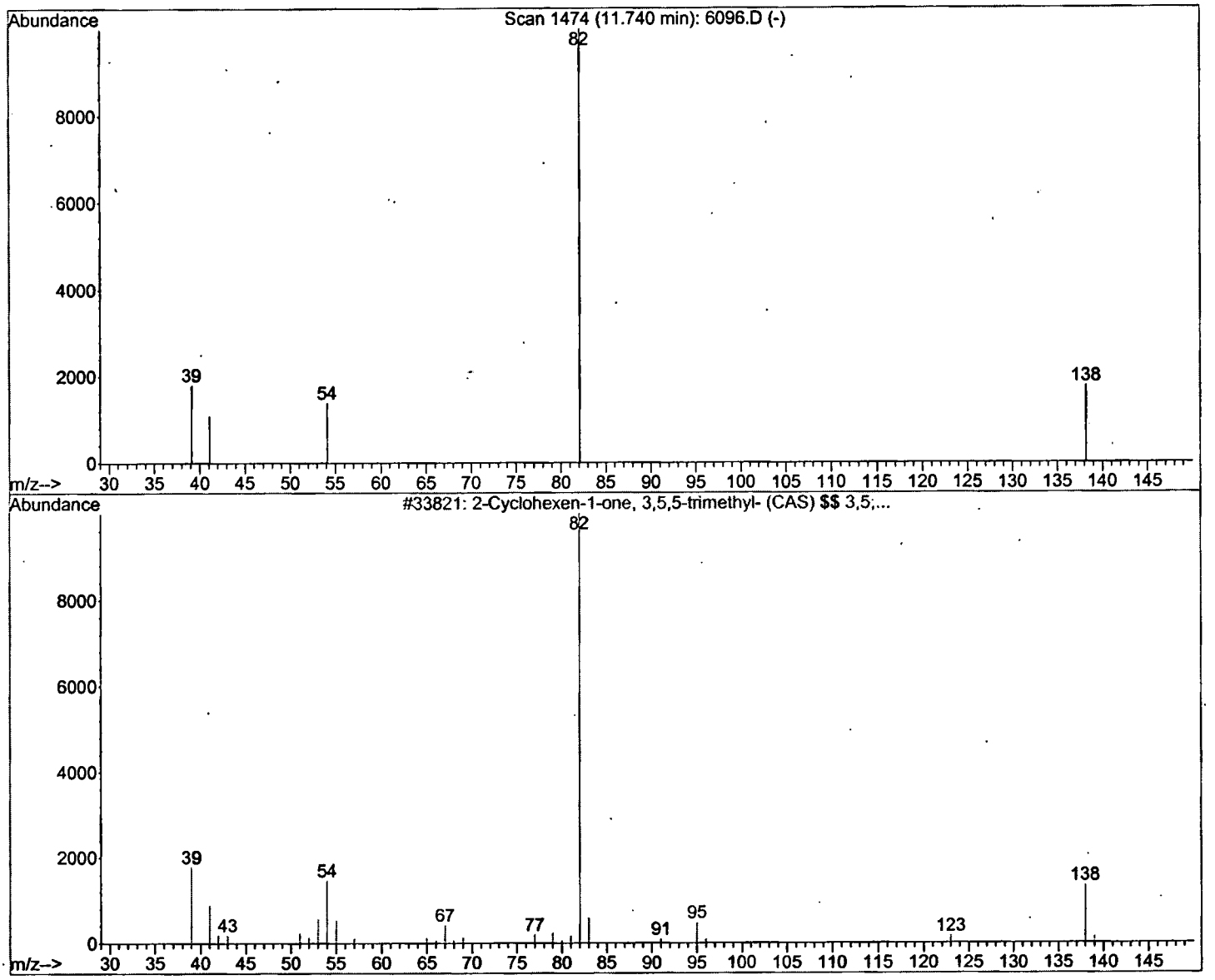
Library Searched : C:\Database\wiley7n.l
Quality : 9
ID : 2-Cyclohexen-1-one, 3,5,5-trimethyl-



Library Searched : C:\Database\wiley7n.l
Quality : 9
ID : 2,6,6-Trimethyl-2-cyclohexenone $$ 2-Cyclohexen-1-one, 2,6,6-trimethyl - (CAS) $$ 2,2,6-Trimethylcyclohex-5-enone



Library Searched : C:\Database\wiley7n.l
Quality : 7
ID : 2-Cyclohexen-1-one, 3,5,5-trimethyl- (CAS) $$ 3,5,5-Trimethyl-2-cycloh exenone $$ 1,5,5-TRIMETHYLCYCLOHEXEN-3-ONE $$ Isophorone $$ Isoforon $ $ Isophoron $$ Isoacetophorone $$ .alpha.-Isophoron $$ .alpha.-Isophor one $$ 3,5,5-trimethyl-2-cyclohexen-1-one $$



Library Searched : C:\Database\wiley7n.l
Quality : 7
ID : 2-Cyclohexen-1-one, 3,5,5-trimethyl- (CAS) $$ 3,5,5-Trimethyl-2-cycloh
exenone $$ 1,5,5-TRIMETHYLCYCLOHEXEN-3-ONE $$ Isophorone $$ Isoforon $
$ Isophoron $$ Isoacetophorone $$ .alpha.-Isophoron $$ .alpha.-Isophor
one $$ 3,5,5-trimethyl-2-cyclohexen-1-one $$