User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/16/2002 Time: 15:35:30

Sample: AE07111
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/16/02 15:35 Ended: 4/16/02 15:35 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		72		5.0

Comments for Sample AE07111 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-16-2002 Time: 15:36:43

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 2 of the 43 compounds in the LCS Standard were high.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041002\7111.D Vial: 18
Acq On : 11 Apr 2002 4:01 am Operator: Bohlk
Sample : SAMPLE 7111 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 15 17:46:06 2002 Quant Results File: 5080402BB.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 15 15:56:12 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	512454	40.00	ug/L	0.00
10) Naphthalene-d8	12.88	136	2424838	40.00	ug/L	-0.01
17) Acenaphthene-d10	17.99	164	1359611	40.00	ug/L	-0.01
30) Phenanthrene-d10	22.34	188	1967461	40.00	ug/L	-0.01
39) Chrysene-d12	30.14	240	1513644	40.00	ug/L	-0.02
45) Perylene-d12	34.01	264	966521	40.00	ug/L	-0.01
System Monitoring Compounds						
28) TCMX (SURR)	19.94	244	20654	7.18	ug/L	-0.01
Spiked Amount 10.000			Recovery = 71.80%			
38) 2,4-DDD (SURR)	0.00	235	0	0.00	ug/L	
Spiked Amount 5.000			Recovery = 0.00%			
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.	d	
43) Bis (2-ethylhexyl) phthala	30.76	149	94416	3.47	ug/L	97
44) Chrysene	0.00	228	0	N.D.	d	

(#) = qualifier out of range (m) = manual integration
7111.D 5080402BB.M Mon Apr 15 17:47:48 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041002\7111.D Vial: 18
Acq On : 11 Apr 2002 4:01 am Operator: Bohlk
Sample : SAMPLE 7111 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 15 17:46:06 2002 Quant Results File: 5080402BB.RES

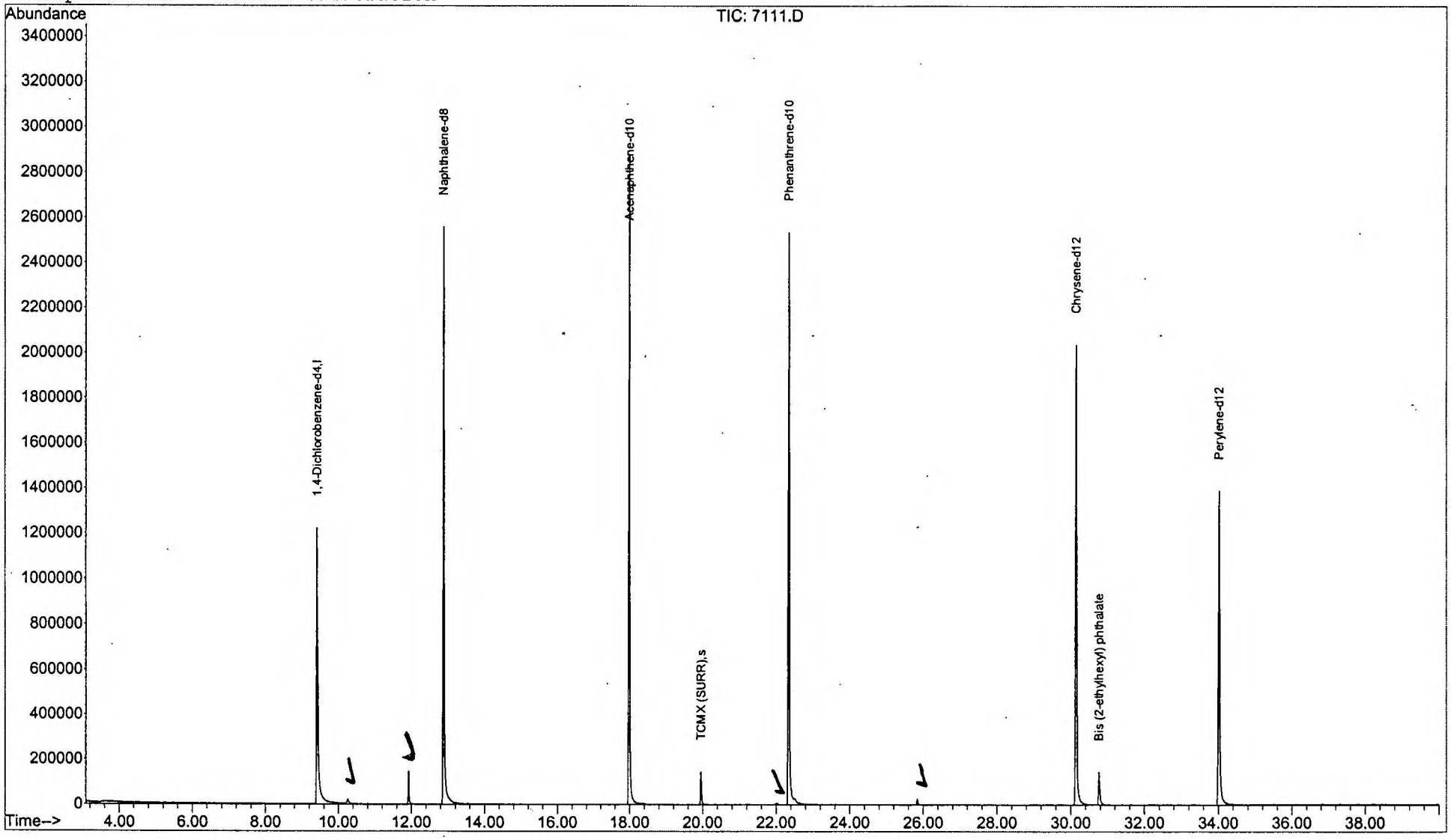
Quant Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 15 15:56:12 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

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.	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

Data File : C:\MSDCHEM\1\DATA\041002\7111.D Vial: 18
Acq On : 11 Apr 2002 4:01 am Operator: Bohlk
Sample : SAMPLE 7111 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 15 17:47 2002 Quant Results File: 5080402BB.RES

Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 15 15:56:12 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\041002\7111.D Vial: 18
Acq On : 11 Apr 2002 4:01 am Operator: Bohlk
Sample : SAMPLE 7111 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

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

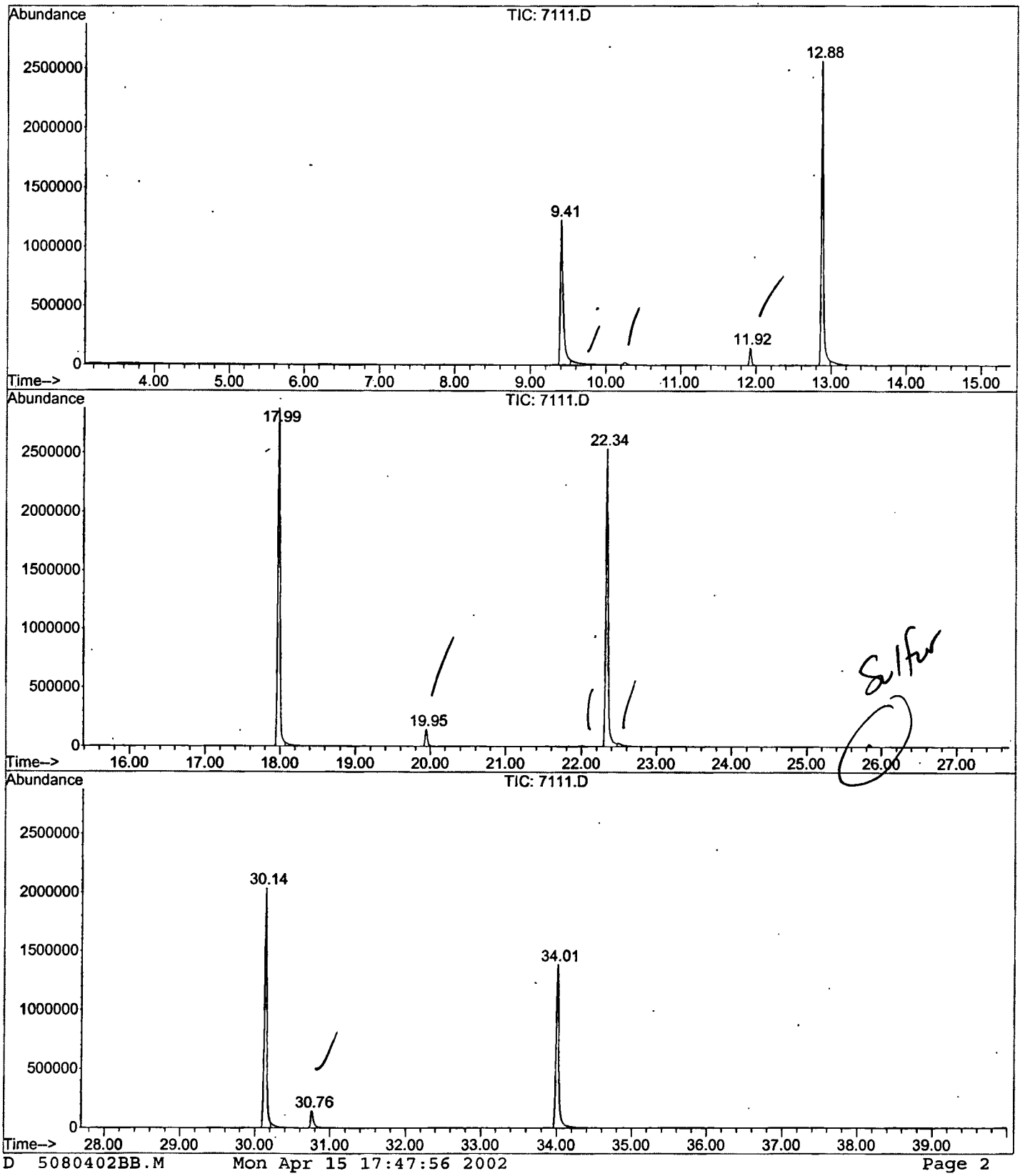
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.407	1070	1077	1097	rBV	1221462	3230891	55.17%	11.082%
2	11.922	1498	1505	1515	rBV2	145581	254584	4.35%	0.873%
3	12.880	1661	1668	1686	rBV	2558633	5184404	88.52%	17.782%
4	17.986	2528	2537	2552	rBV	2876524	5856573	100.00%	20.088%
5	19.948	2865	2871	2885	rBV3	144986	309776	5.29%	1.063%
6	22.339	3269	3278	3301	rBV2	2536688	5684723	97.07%	19.498%
7	30.142	4595	4606	4618	rBV2	2036204	4688536	80.06%	16.081%
8	30.765	4704	4712	4730	rBV2	145004	380578	6.50%	1.305%
9	34.014	5251	5265	5287	rBV2	1389041	3564840	60.87%	12.227%

Sum of corrected areas: 29154905

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\041002\7111.D
Operator : Bohlk
Acquired : 11 Apr 2002 4:01 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 7111 3/27/02
Misc Info :
Vial Number: 18
Quant File :5080402BB.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\041002\7111.D Vial: 18
Acq On : 11 Apr 2002 4:01 am Operator: Bohlk
Sample : SAMPLE 7111 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

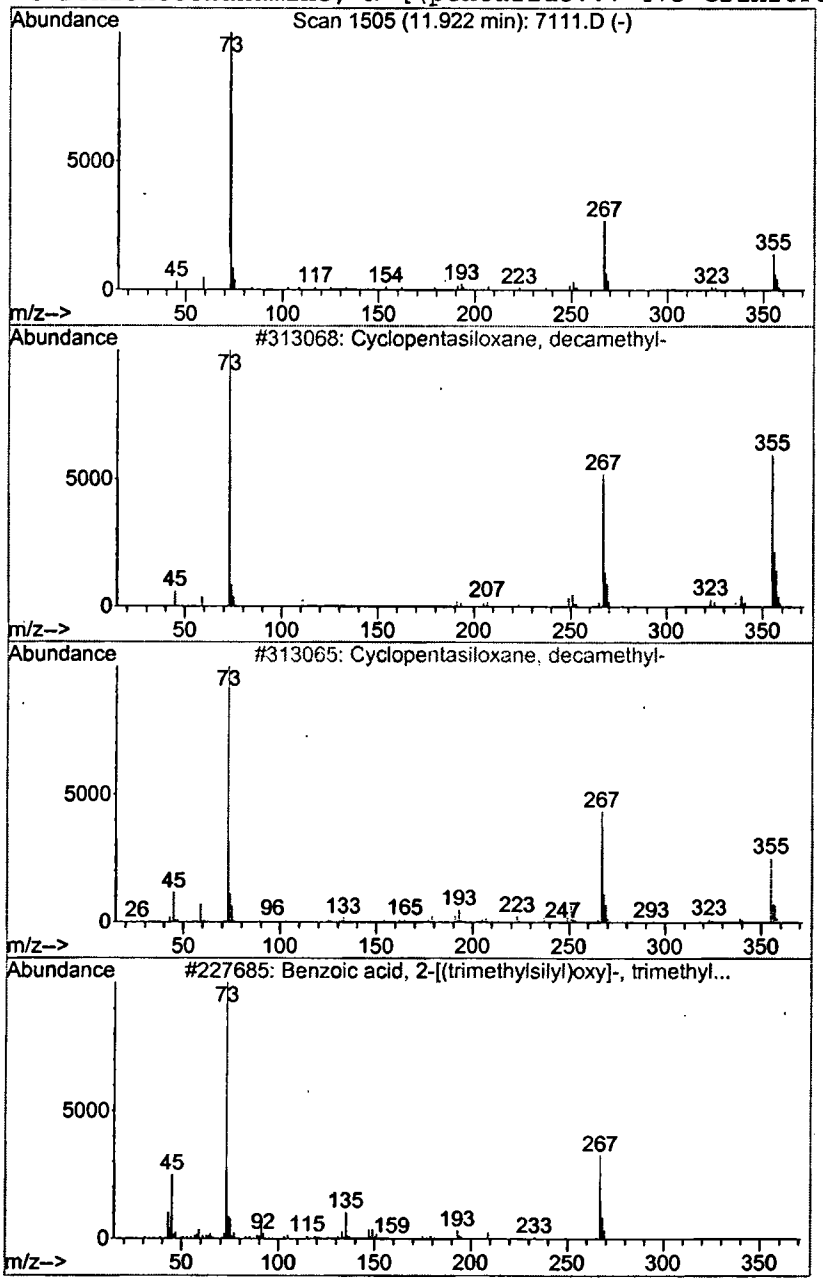
Quant Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

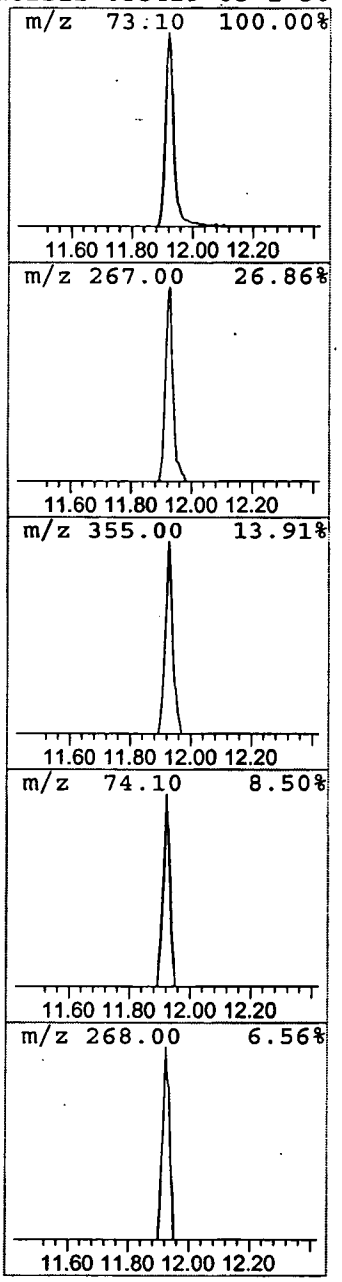
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	1.96 ug/L	254584	Naphthalene-d8	12.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
3	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	50
4	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	50





Tentatively Identified Compound (LSC) summary

Operator ID: Bohlk Date Acquired: 11 Apr 2002 4:01 am
Data File: C:\MSDCHEM\1\DATA\041002\7111.D
Name: SAMPLE 7111 3/27/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080402BB.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...	11.92	2.0	ug/L	254584	2	12.88	5184400	40.0

```
Library Searched : C:\database\wiley7n.l
Quality          : 91
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
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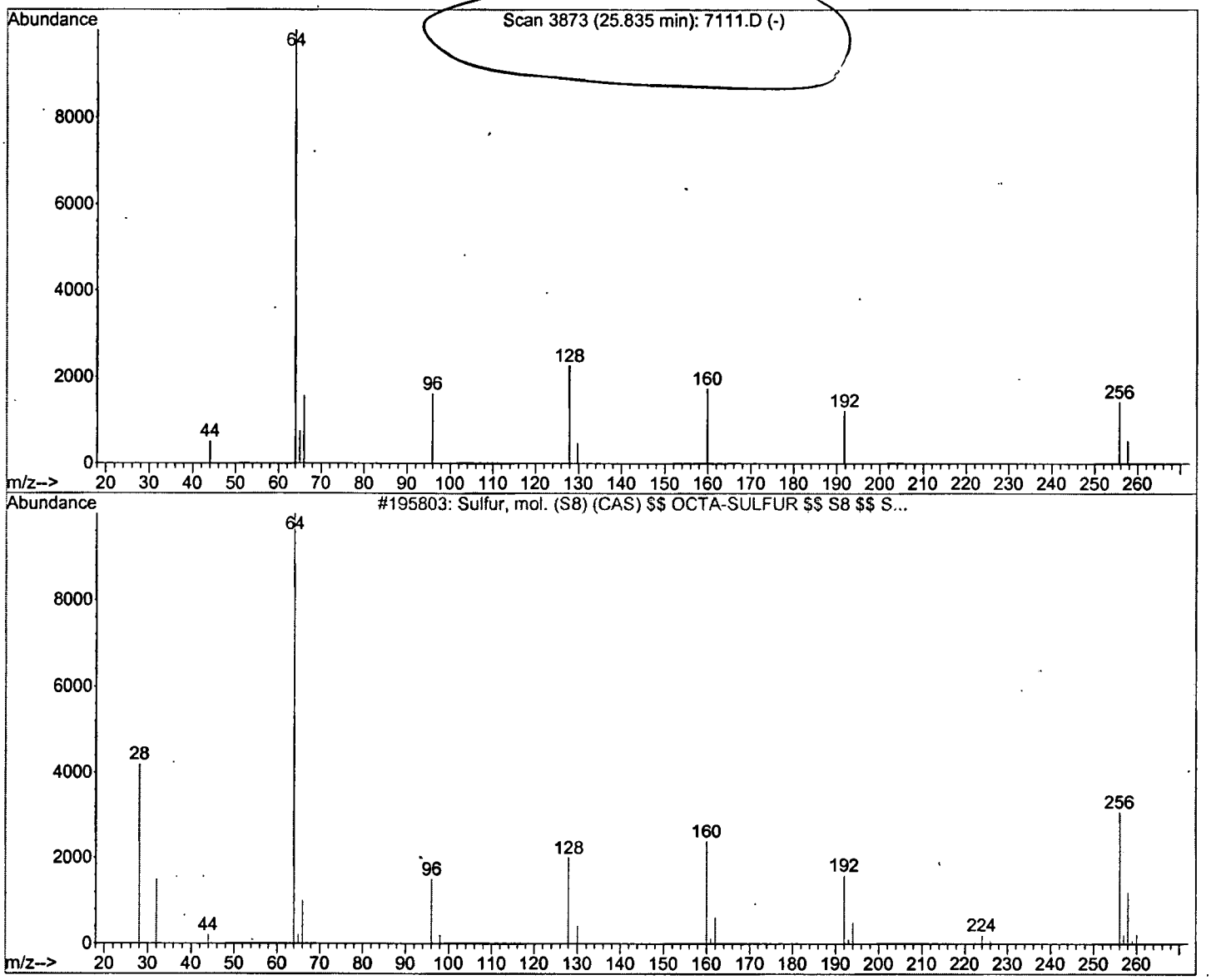

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Quality          : 91
ID               : Sulfur, mol. (S8) (CAS) $$ OCTA-SULFUR $$ S8 $$ Sulfur (S8) $$ Octathi
                   ocane $$ Cyclooctasulfur $$ Orthorhombic sulfur $$ Sulfur molecule (S8
                   ) $$ Cyclic octaatomic sulfur $$ Cyclooctasulphur $$ Sulfur $$ Octasul
                   fur $$ Sulfur octamer
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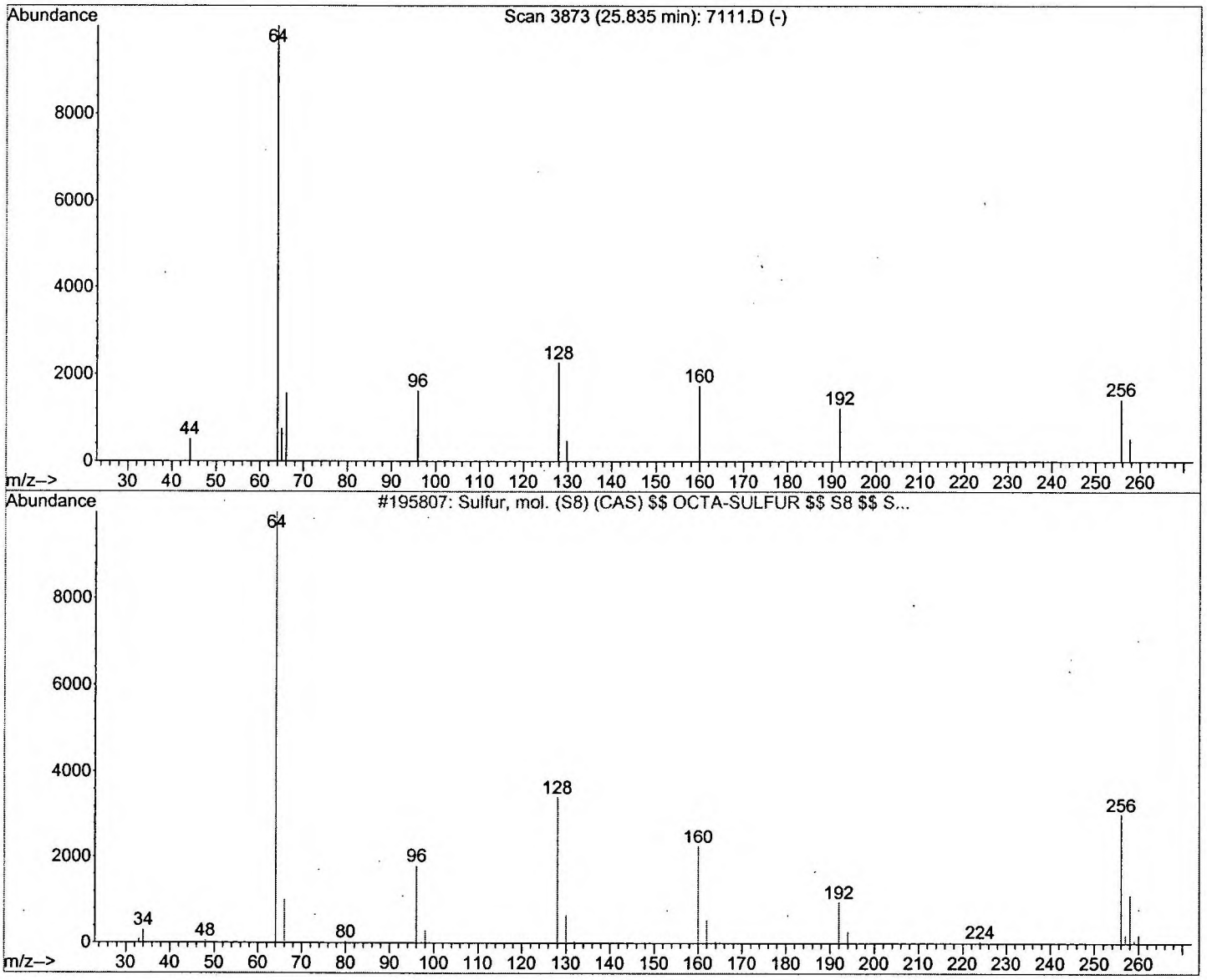

Library Searched : C:\database\wiley7n.l
Quality : 90
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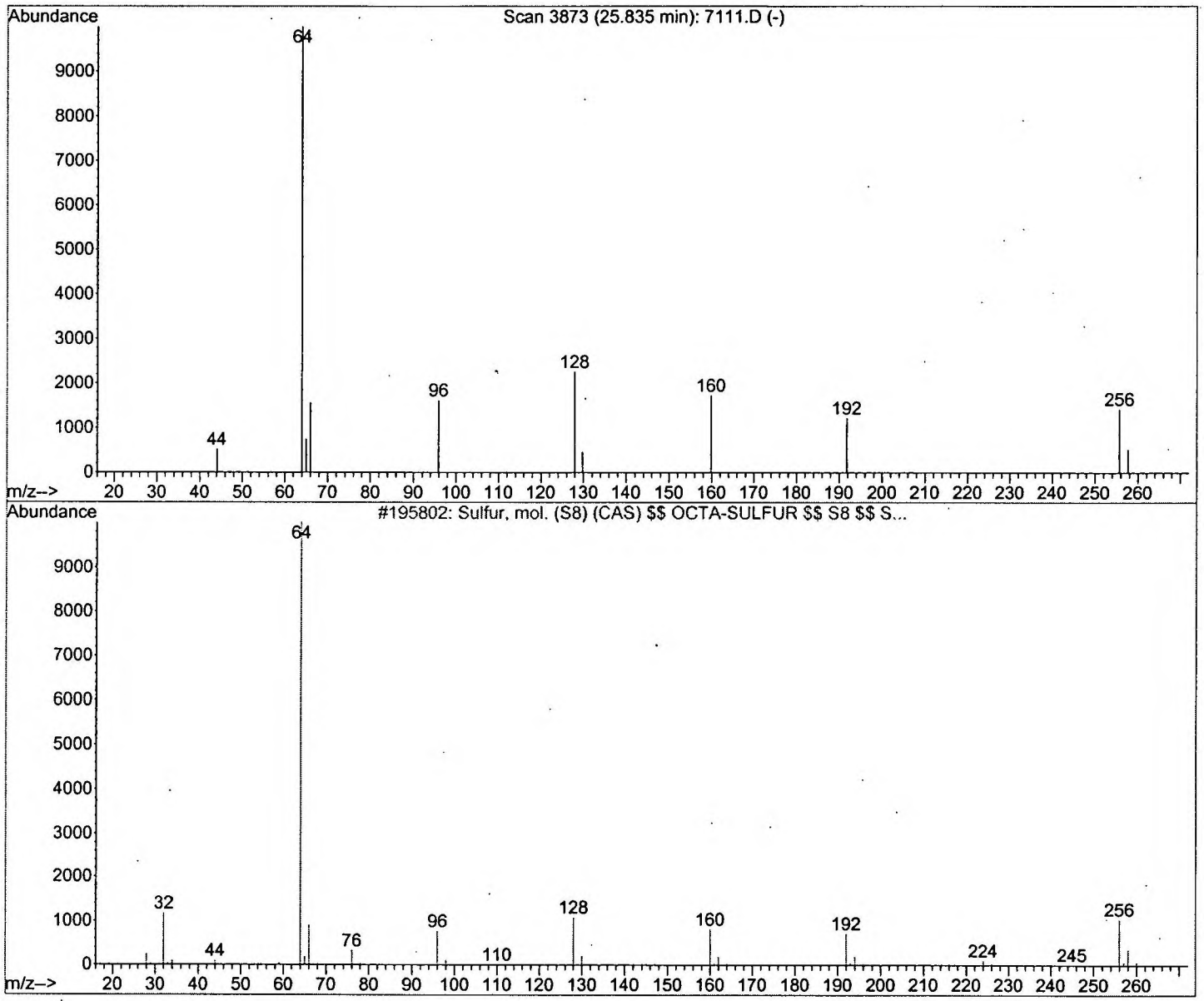

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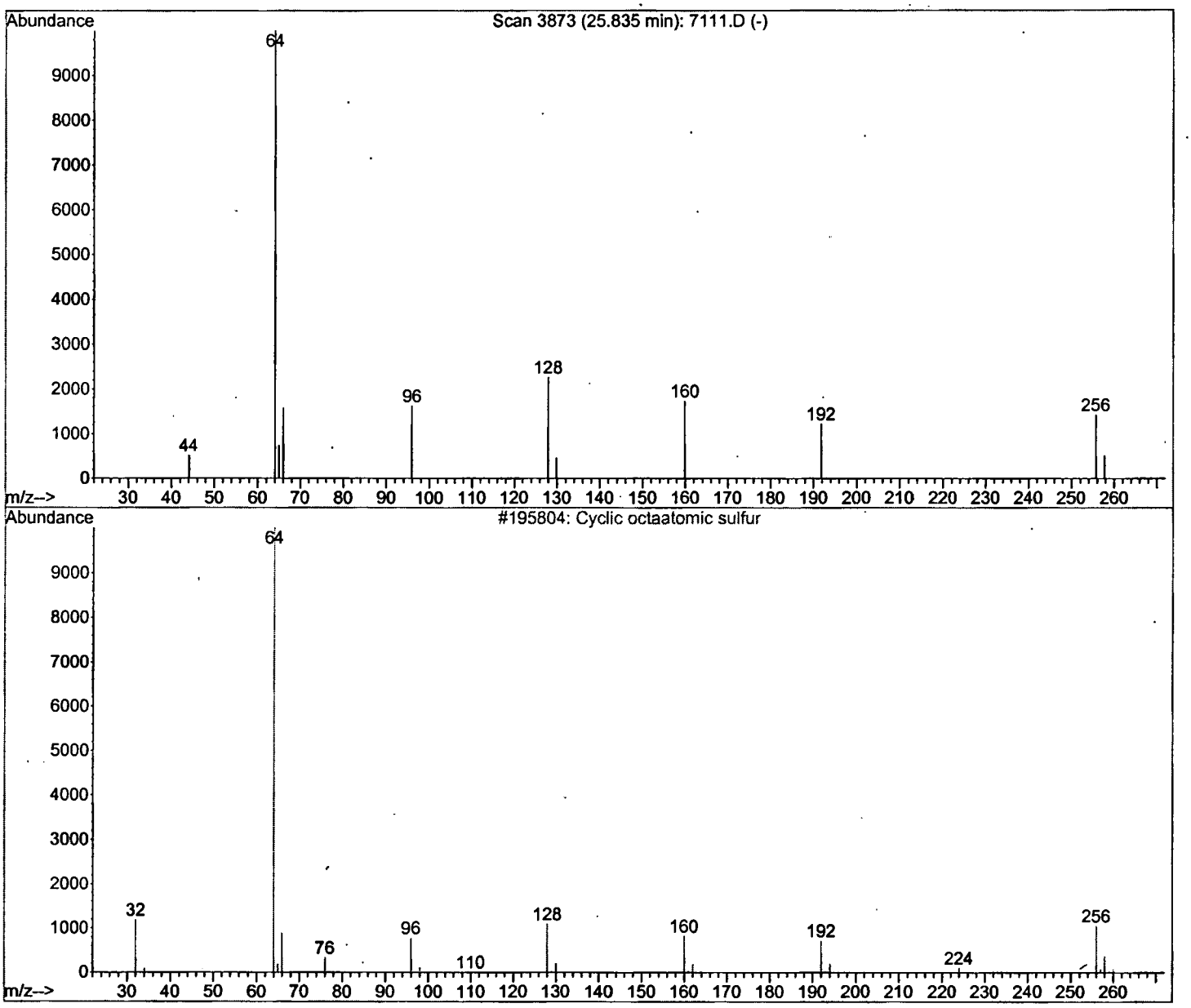
Quality : 90
ID : Cyclic octaatomic sulfur



Library Searched : C:\database\wiley7n.l
Quality : 74
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