User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/11/2002 Time: 15:53:28

Sample: AE03800
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/11/02 15:52 Ended: 4/11/02 15:52 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		120		5.0

Not JS

Comments for Sample AE03800 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-11-2002 Time: 15:53:38

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\3800RE.D Vial: 51
Acq On : 7 Apr 2002 12:49 pm Operator: Bohlk
Sample : SAMPLE 3800 3/22/02 RE-EXT Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 10 09:01:01 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	1257156	20.00	ug/L	-0.01
10) Naphthalene-d8	12.94	136	5956332	20.00	ug/L	0.00
17) Acenaphthene-d10	18.05	164	3463896	20.00	ug/L	0.00
29) Phenanthrene-d10	22.42	188	4885820	20.00	ug/L	0.00
38) Chrysene-d12	30.24	240	3704271	20.00	ug/L	-0.01
44) Perylene-d12	34.11	264	2242181	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD (SURR)	27.35	235	291372	6.01	ug/L	0.00
Spiked Amount 5.000			Recovery = 120.20%			
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	23051	0.19	ug/L	90
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\3800RE.D Vial: 51
Acq On : 7 Apr 2002 12:49 pm Operator: Bohlk
Sample : SAMPLE 3800 3/22/02 RE-EXT Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 10 09:01:01 2002 Quant Results File: 5080402.RES

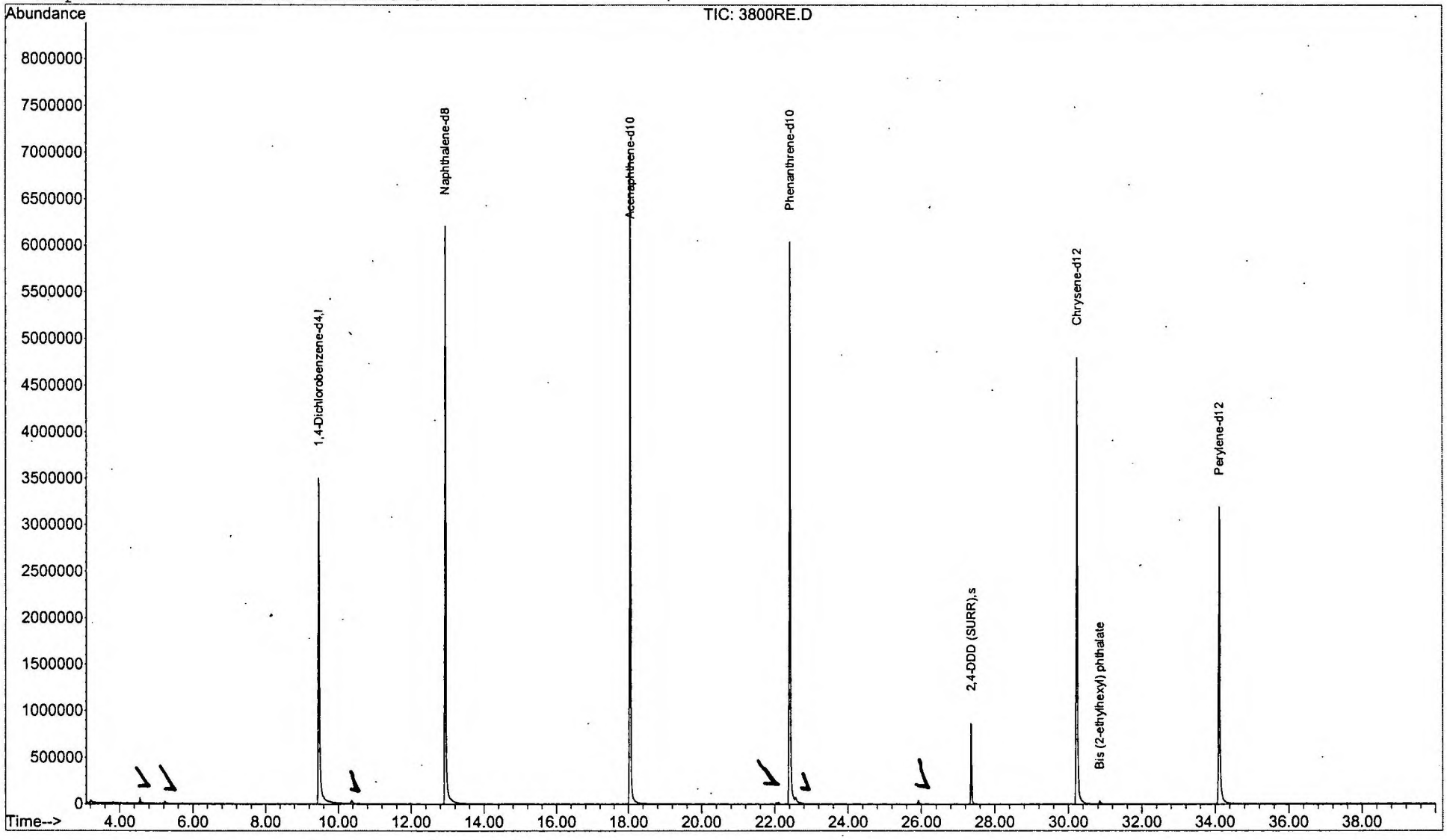
Quant Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 08 06:47:22 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

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
3800RE.D 5080402.M Wed Apr 10 09:03:07 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\040502\3800RE.D Vial: 51
Acq On : 7 Apr 2002 12:49 pm Operator: Bohlk
Sample : SAMPLE 3800 3/22/02 RE-EXT Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 10 12:03 2002 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\3800RE.D Vial: 51
Acq On : 7 Apr 2002 12:49 pm Operator: Bohlk
Sample : SAMPLE 3800 3/22/02 RE-EXT 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

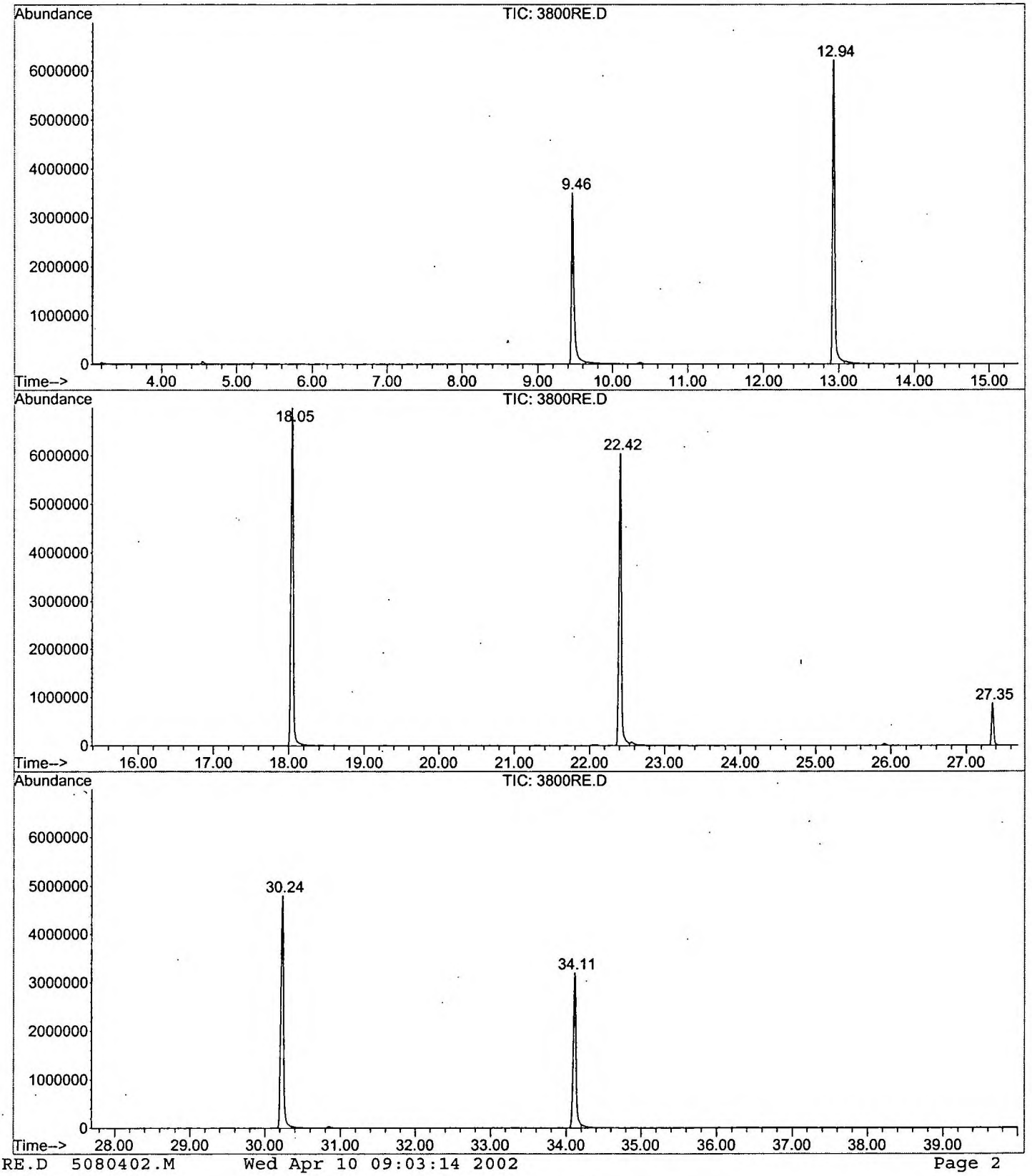
Signal : TIC

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	1116	rBV	3501763	8532053	57.79%	11.768%
2	12.938	1669	1678	1701	rBV	6207695	13050331	88.40%	18.000%
3	18.050	2538	2548	2569	rBV	6987923	14762985	100.00%	20.363%
4	22.416	3280	3291	3311	rBV2	6040049	14239780	96.46%	19.641%
5	27.351	4124	4131	4145	rBV	870574	1733773	11.74%	2.391%
6	30.236	4610	4622	4642	rBV2	4801624	11798714	79.92%	16.274%
7	34.114	5270	5282	5297	rBV2	3196193	8382421	56.78%	11.562%

Sum of corrected areas: 72500057

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\040502\3800RE.D
Operator : Bohlk
Acquired : 7 Apr 2002 12:49 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 3800 3/22/02 RE-EXT
Misc Info :
Vial Number: 51
Quant File :5080402.RES (RTE Integrator)



Tentatively Identified Compound (LSC) summary

Operator ID: Bohlk Date Acquired: 7 Apr 2002 12:49 pm
Data File: C:\MSDCHEM\1\DATA\040502\3800RE.D
Name: SAMPLE 3800 3/22/02 RE-EXT
Misc:
Method: C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc

```
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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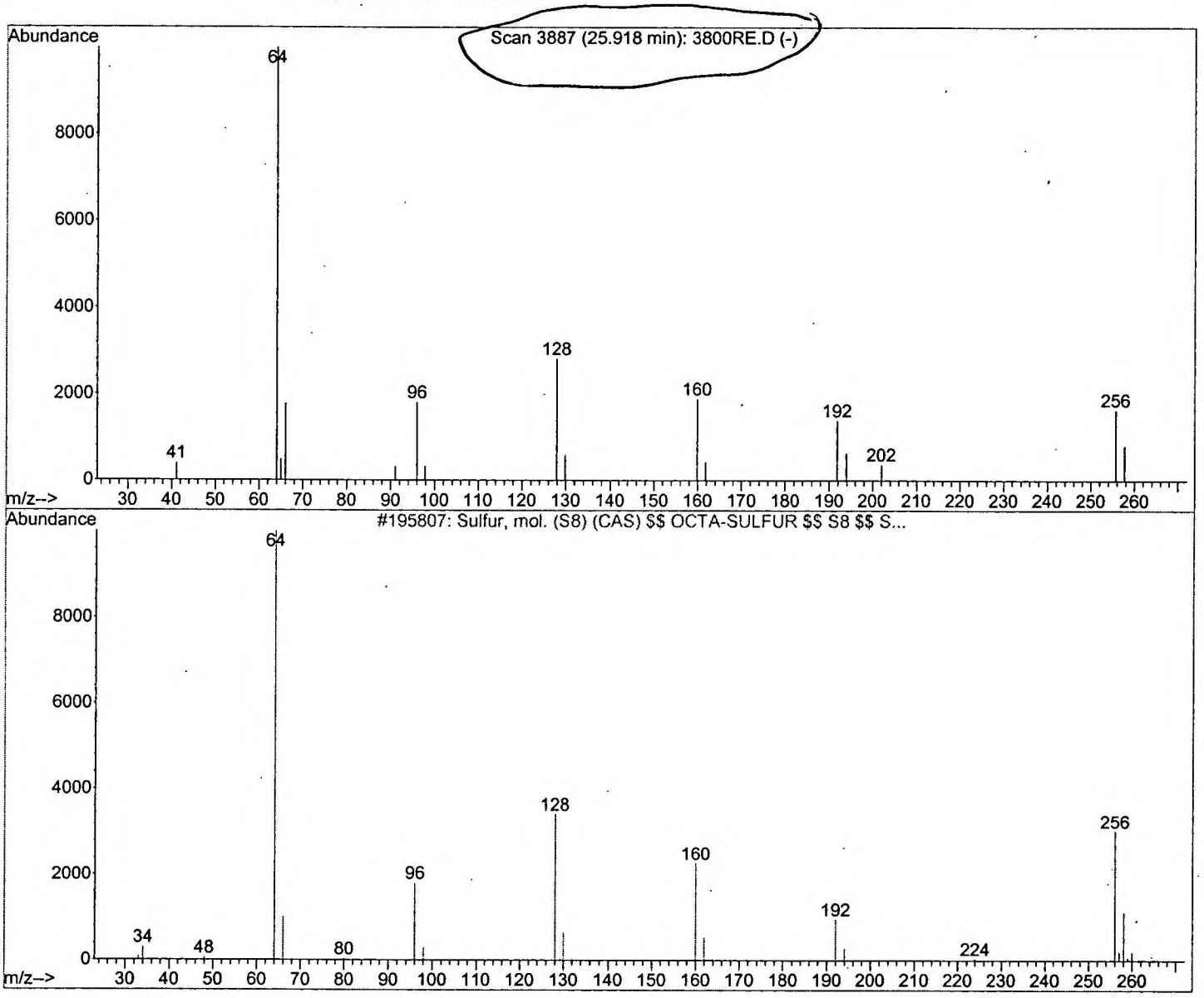
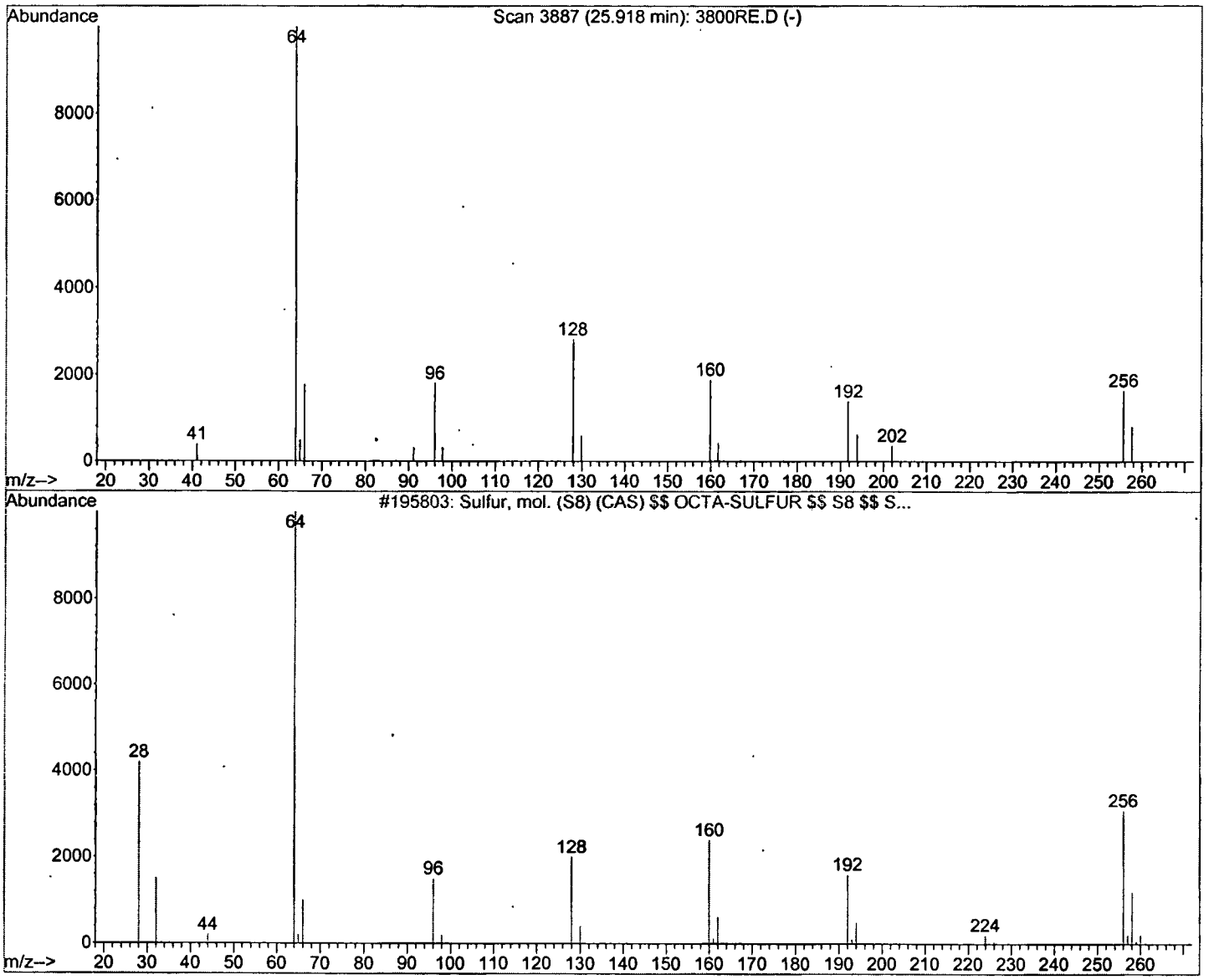
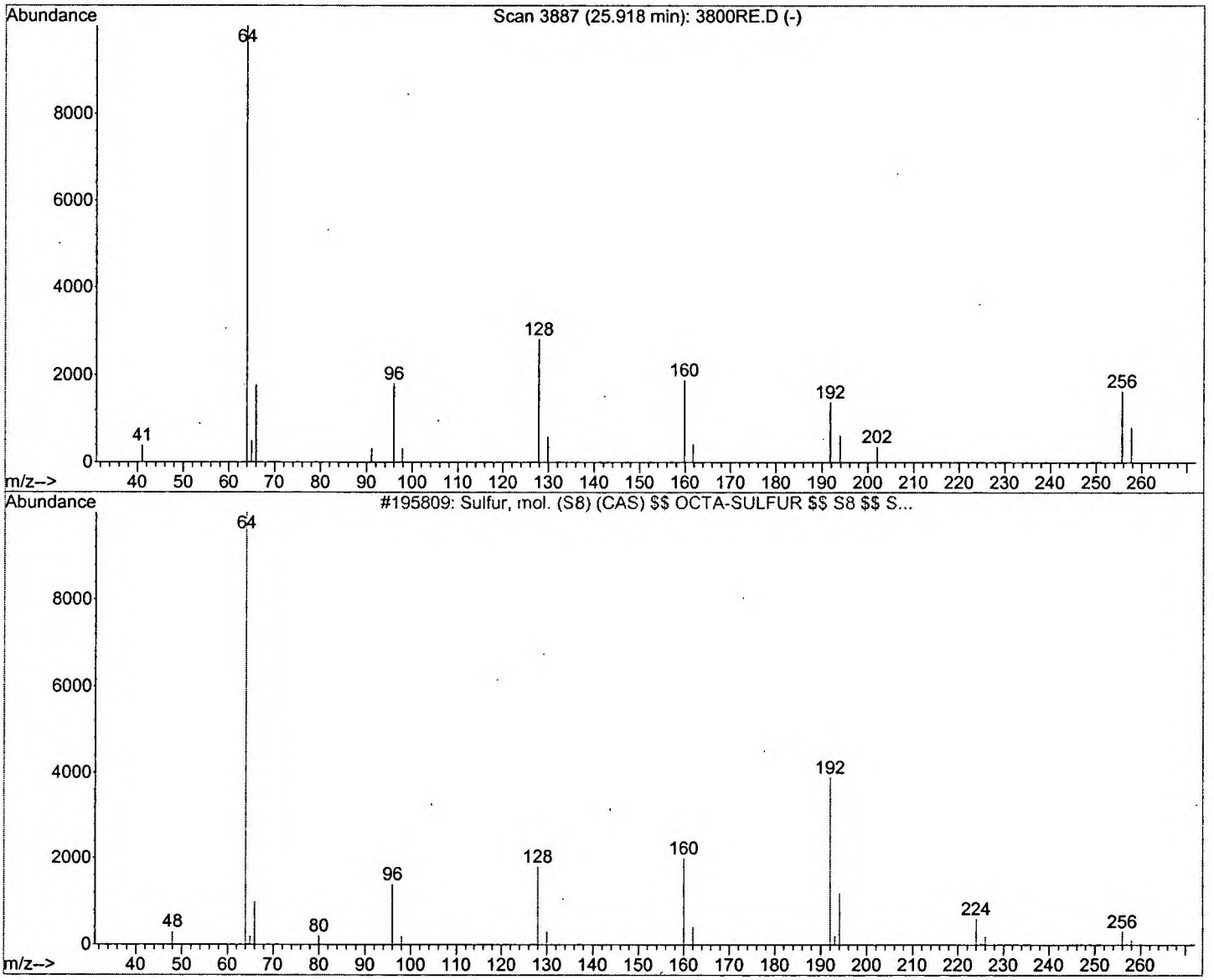


Library Searched : C:\database\wiley7n.l
Quality : 90
ID : Sulfur, mol. (S8) (CAS) $$ OCTA-SULFUR $$ S8 $$ Sulfur (S8) $$ Octathiocane $$ Cyclooctasulfur $$ Orthorhombic sulfur $$ Sulfur molecule (S8) $$ Cyclic octaatomic sulfur $$ Cyclooctasulphur $$ Sulfur $$ Octasulfur $$ Sulfur octamer



Library Searched : C:\database\wiley7n.l
Quality : 64
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



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Library Searched : C:\database\wiley7n.l
Quality          : 64
ID               : Sulfur $$ Sulfur, precipitated $$ S $$ Brimstone $$ Colloidal sulfur $
                   $ Flowers of sulphur $$ Precipitated sulfur $$ component of Bensulfoid
                    $$ Asulfa-Supra $$ Atomic sulfur $$ Bensulfoid $$ Colloidal-S $$ Cols
                   ul $$ Corosul D and S $$ Cosan $$ Cosan 80 $$
```

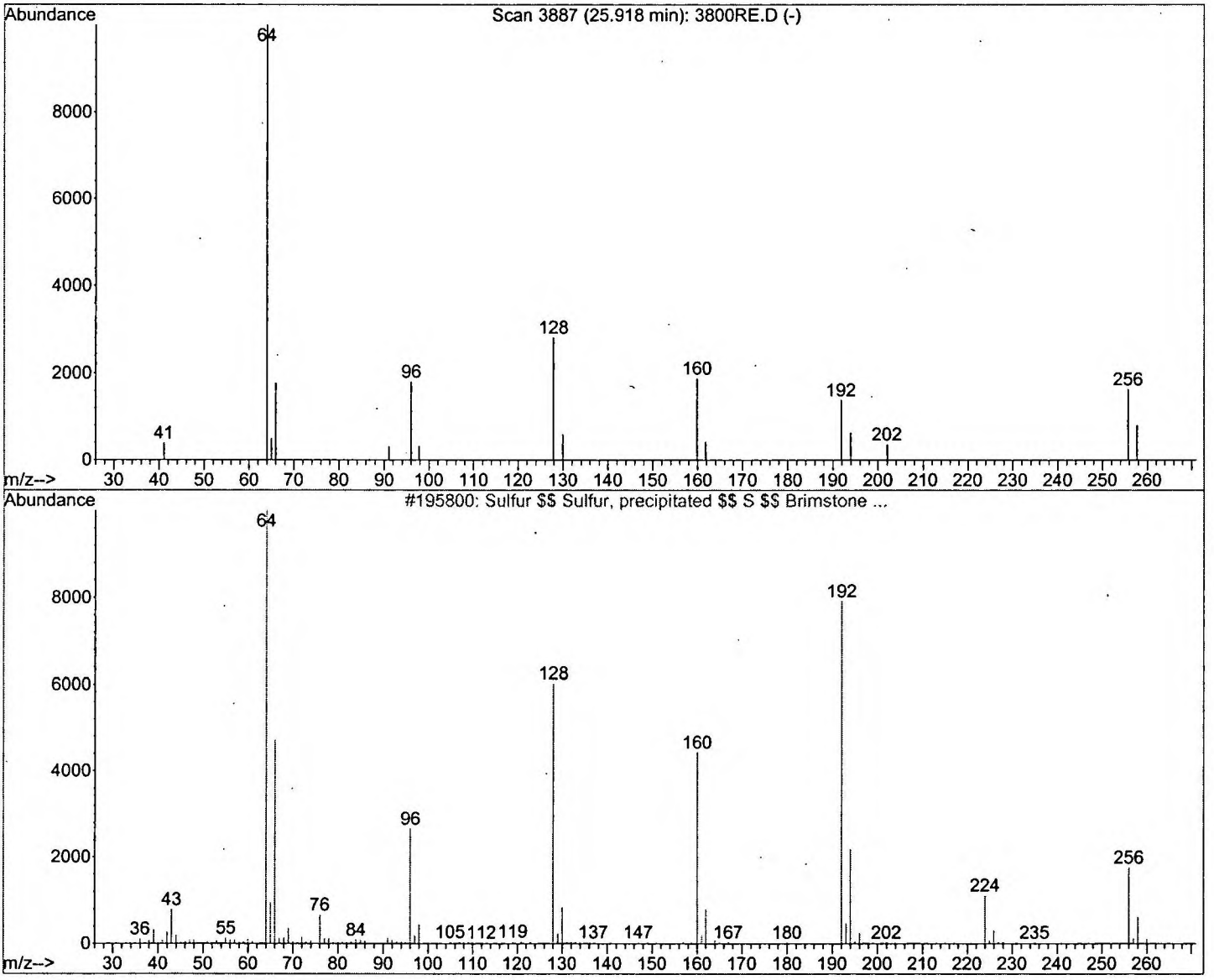

Library Searched : C:\database\wiley7n.l
Quality : 20
ID : N,N'-BIS(PENTAMETHYLENE)THIURAMTETRASULFIDE $$ Dipentamethylenethiuram hexasulfide $$ Piperidine, 1,1'-(hexathiodicarbonothioyl)bis-