User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/11/2002 Time: 16:09:50

Sample: AE06850
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/11/02 16:09 Ended: 4/11/02 16:09 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	[illegible]		[illegible]		

Comments for Sample AE06850 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-11-2002 Time: 16:10:09

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\6850.D Vial: 43
Acq On : 7 Apr 2002 6:17 am Operator: Bohlk
Sample : SAMPLE 6850 3/22/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 10 07:31:57 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	1011835	20.00	ug/L	-0.01
10) Naphthalene-d8	12.93	136	4594030	20.00	ug/L	-0.01
17) Acenaphthene-d10	18.04	164	2621342	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.41	188	3699908	20.00	ug/L	-0.01
38) Chrysene-d12	30.22	240	2620290	20.00	ug/L	-0.02
44) Perylene-d12	34.11	264	1549606	20.00	ug/L	-0.01
System Monitoring Compounds						
37) 2,4-DDD (SURR)	27.35	235	263542	7.18	ug/L	0.00
Spiked Amount 5.000			Recovery = 143.60%			
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	15619	0.18	ug/L	78
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)

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Acq On : 7 Apr 2002 6:17 am Operator: Bohlk
Sample : SAMPLE 6850 3/22/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 10 07:31:57 2002 Quant Results File: 5080402.RES

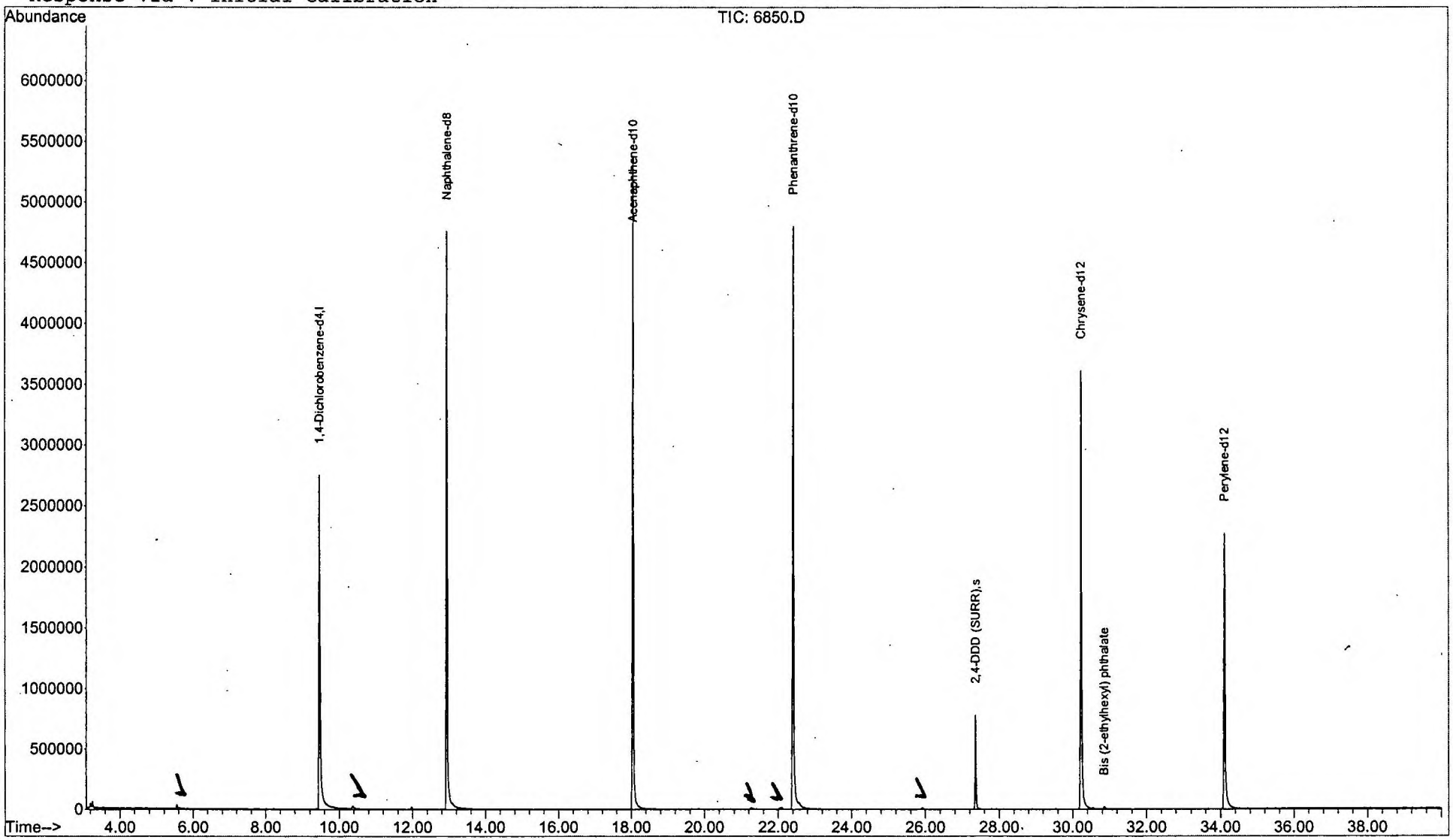
Quant Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 08 06:47:22 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

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
6850.D 5080402.M Wed Apr 10 07:34:51 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\040502\6850.D Vial: 43
Acq On : 7 Apr 2002 6:17 am Operator: Bohlk
Sample : SAMPLE 6850 3/22/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 10 10:34 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\6850.D Vial: 43
Acq On : 7 Apr 2002 6:17 am Operator: Bohlk
Sample : SAMPLE 6850 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

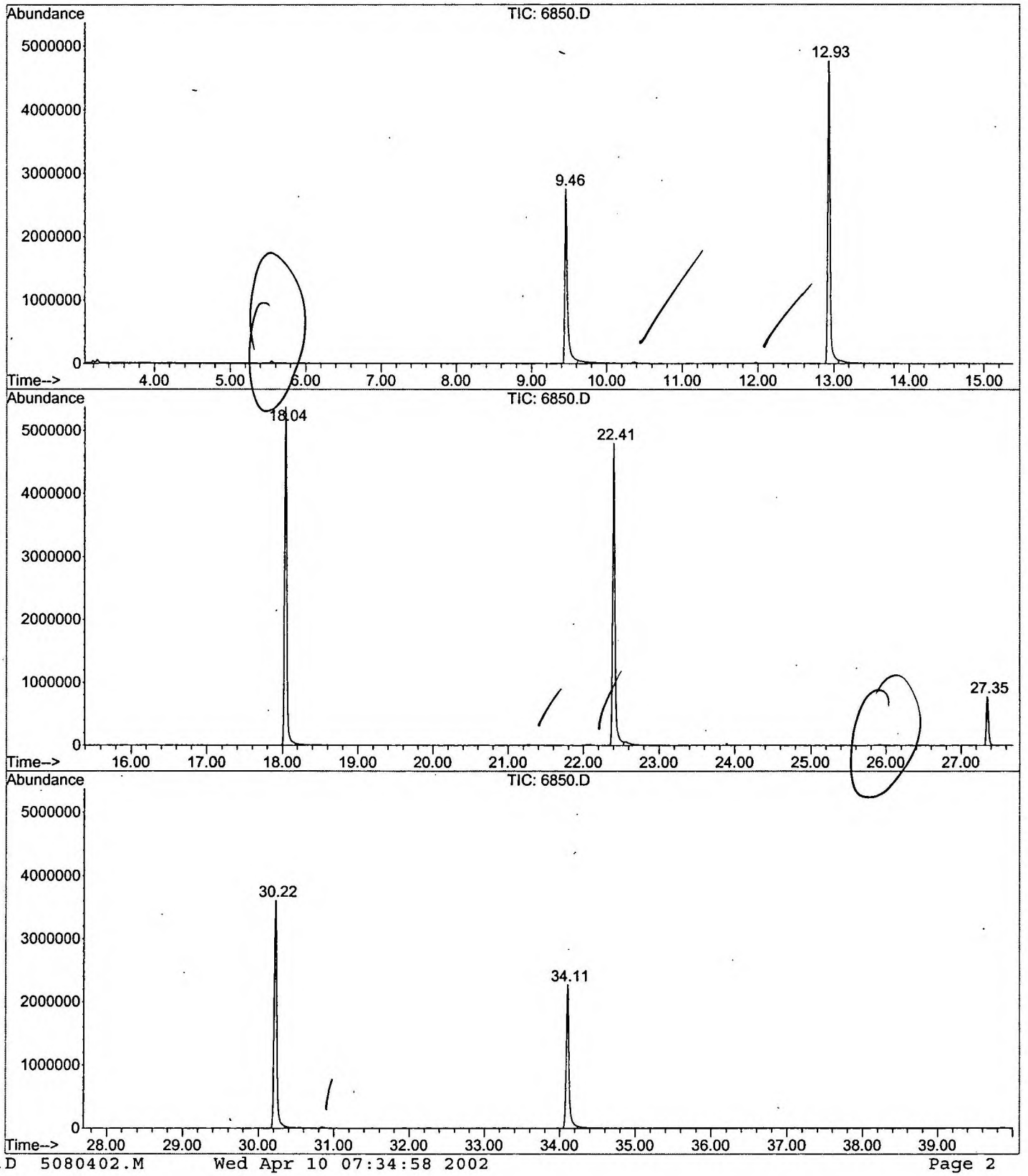
Signal : TIC

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	1112	rBV	2748438	6855285	61.01%	12.515%
2	12.933	1669	1677	1699	rBV	4759933	9976107	88.78%	18.213%
3	18.044	2537	2547	2569	rBV	5373163	11237241	100.00%	20.515%
4	22.410	3280	3290	3311	rBV2	4800657	10818717	96.28%	19.751%
5	27.351	4124	4131	4145	rBV2	775947	1541566	13.72%	2.814%
6	30.224	4610	4620	4641	rBV2	3608392	8472962	75.40%	15.468%
7	34.108	5268	5281	5303	rBV2	2269885	5874148	52.27%	10.724%

Sum of corrected areas: 54776026

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\040502\6850.D
Operator : Bohlk
Acquired : 7 Apr 2002 6:17 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 6850 3/22/02
Misc Info :
Vial Number: 43
Quant File :5080402.RES (RTE Integrator)

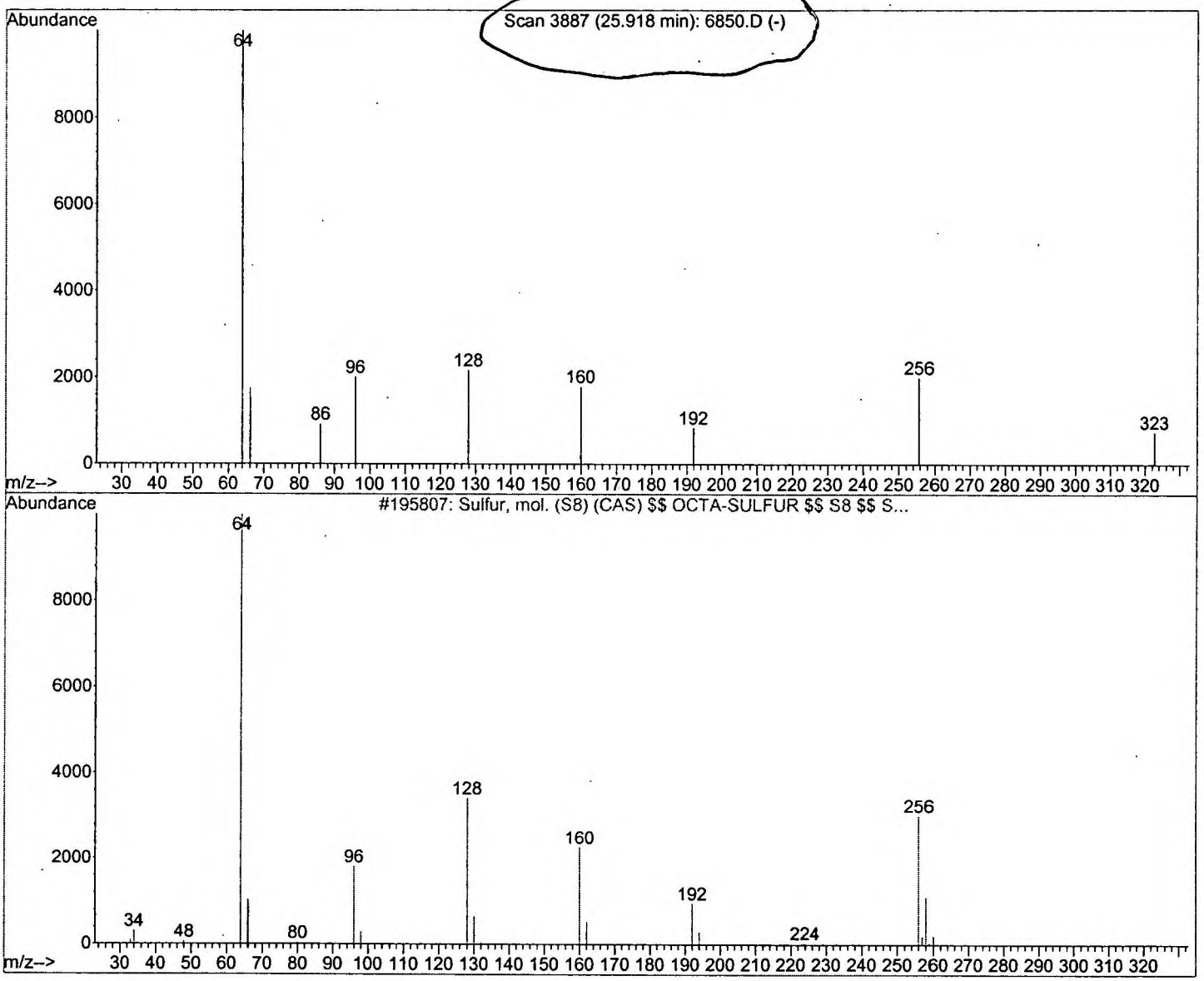


Tentatively Identified Compound (LSC) summary

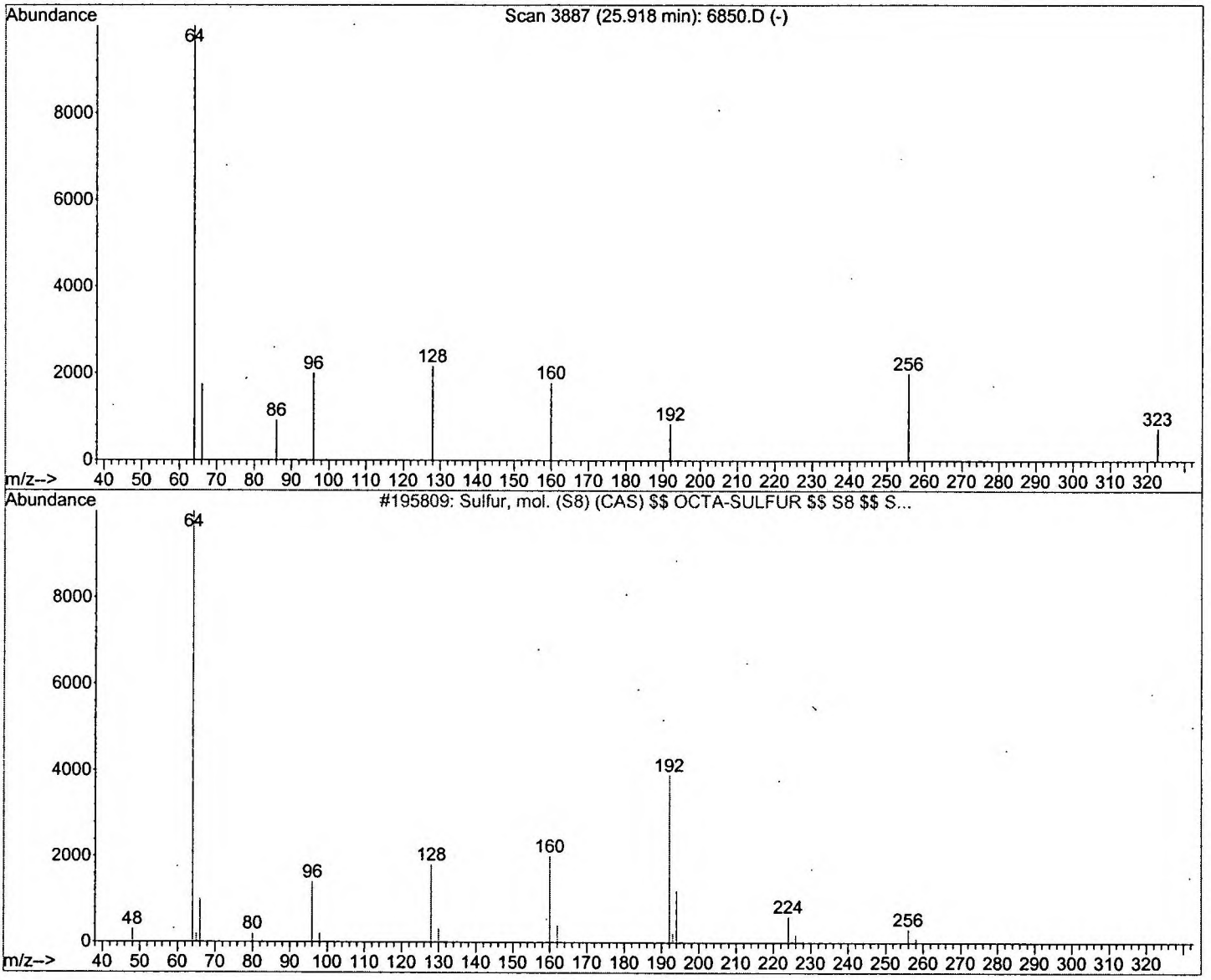
Operator ID: Bohlk Date Acquired: 7 Apr 2002 6:17 am
Data File: C:\MSDCHEM\1\DATA\040502\6850.D
Name: SAMPLE 6850 3/22/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

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

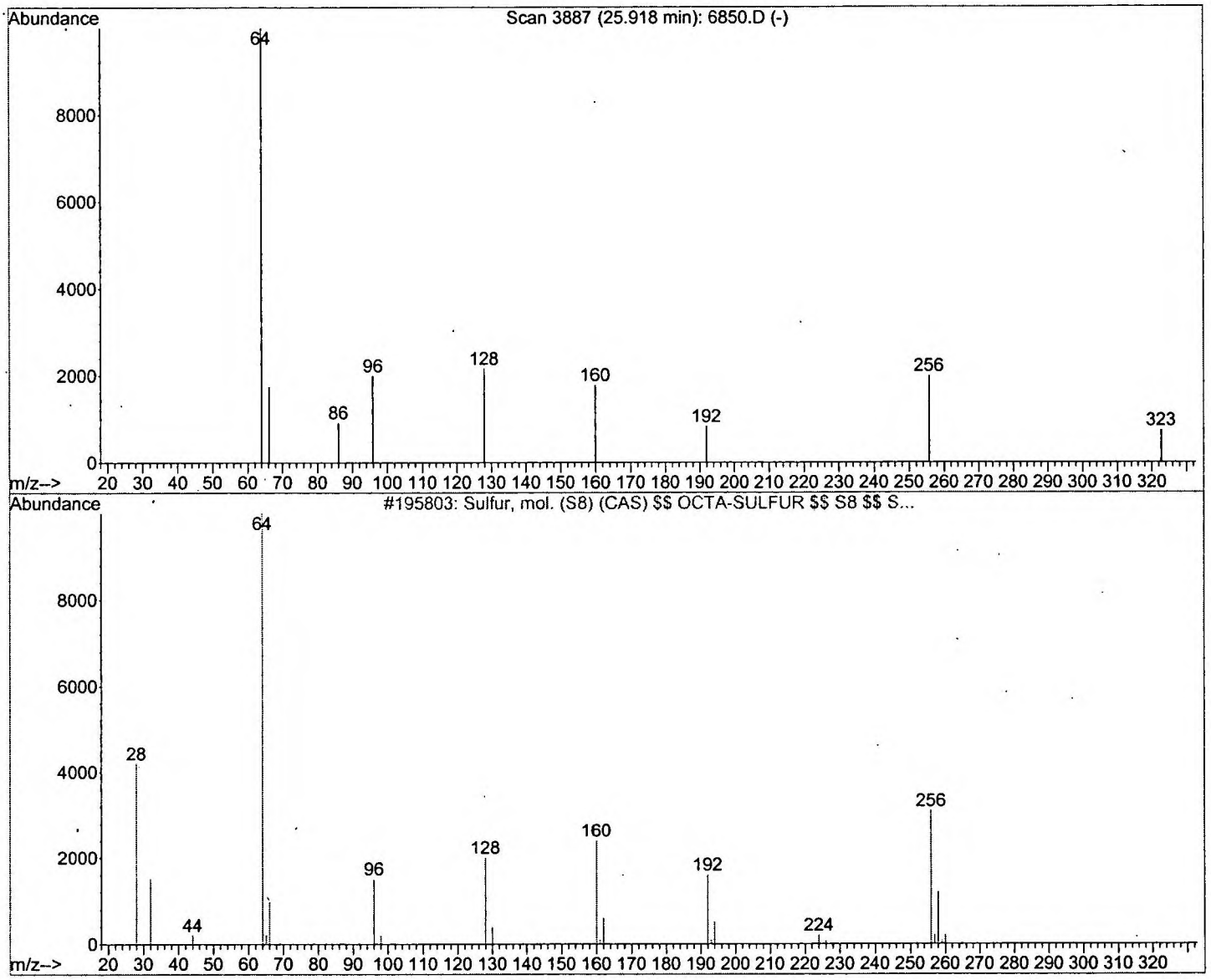
Library Searched : C:\database\wiley7n.l
Quality : 83
ID : Sulfur, mol. (S8) (CAS) $$ OCTA-SULFUR $$ S8 $$ Sulfur (S8) $$ Octathiocane $$ Cyclooctasulfur $$ Orthorhombic sulfur $$ Sulfur molecule (S8) $$ Cyclic octaatomic sulfur $$ Cyclooctasulphur $$ Sulfur $$ Octasulfur $$ Sulfur octamer



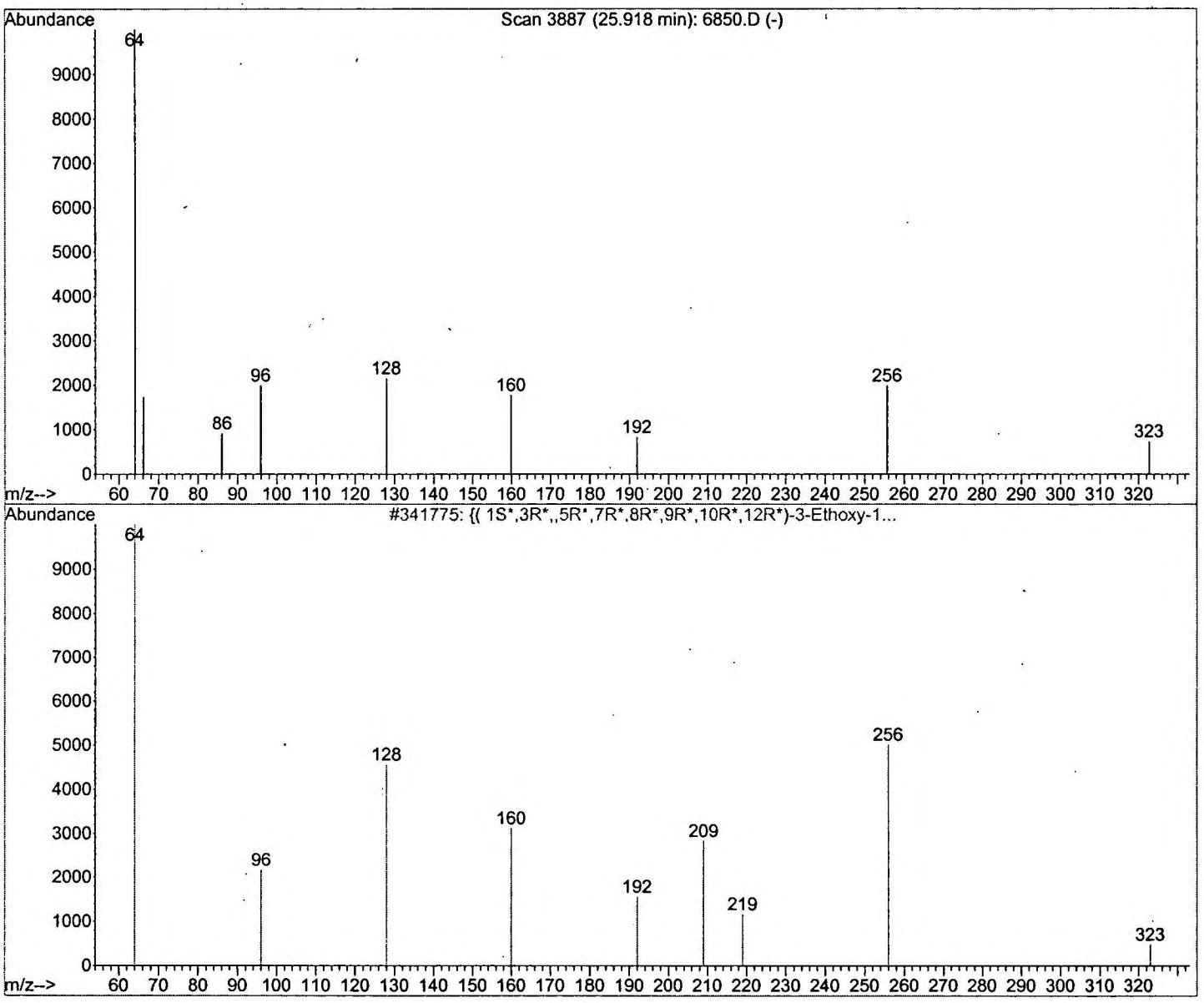
Library Searched : C:\database\wiley7n.l
Quality : 43
ID : Sulfur, mol. (S8) (CAS) $$ OCTA-SULFUR $$ S8 $$ Sulfur (S8) $$ Octathiocane $$ Cyclooctasulfur $$ Orthorhombic sulfur $$ Sulfur molecule (S8) $$ Cyclic octaatomic sulfur $$ Cyclooctasulphur $$ Sulfur $$ Octasulfur $$ Sulfur octamer



Library Searched : C:\database\wiley7n.l
Quality : 9
ID : 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 : {(1S*,3R*,,5R*,7R*,8R*,9R*,10R*,12R*)-3-Ethoxy-10-hydroxy-12-isopropyl-6,6-dimethoxy-9-methyl-2-oxatetracyclo[6.4.0.0(3,7).0(5,9)]dodecane} methylsulfonate



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Library Searched : C:\database\wiley7n.l
Quality          : 5
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 $$
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