User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/03/2002 Time: 12:34:49

Sample: AE03257
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/3/02 12:33 Ended: 4/3/02 12:33 Analyst: DLV
Page: 1

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

Comments for Sample AE03257 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-03-2002 Time: 12:35:38

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. Recoveries for 11 of the 43 compounds in the LCS Standard were low. Because of the low Surrogate Standard recovery this sample will be reextracted and reanalyzed.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\03257.D Vial: 24
Acq On : 2 Mar 2002 7:58 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 03 05:54:18 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	150	1351671	20.00	ug/L	0.00
10) Naphthalene-d8	13.05	136	3530416	20.00	ug/L	0.00
17) Acenaphthene-d10	18.16	164	1966625	20.00	ug/L	0.00
29) Phenanthrene-d10	22.52	188	2991200	20.00	ug/L	0.00
38) Chrysene-d12	30.33	240	2741631	20.00	ug/L	-0.03
44) Perylene-d12	34.21	264	1706245	20.00	ug/L	-0.02
System Monitoring Compounds						
37) 2,4-ddd surr	27.46	235	149029	3.14	ug/L	0.00
Spiked Amount 5.000			Recovery =	62.80%		
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	24.67	149	56144	0.28	ug/L	98
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	30.33	228	8283	N.D.		
42) Bis (2-ethylhexyl) phthala	30.94	149	2519	N.D.		
43) Chrysene	30.39	228	2955	N.D.		
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo (b) fluoranthene	0.00	252	0	N.D.		

3.0 1/3 60 - Reext.

(#) = qualifier out of range (m) = manual integration
03257.D 5080202.M Wed Apr 03 05:54:53 2002 Page 1

Quantitation Report (QT Reviewed)

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Acq On : 2 Mar 2002 7:58 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 03 05:54:18 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

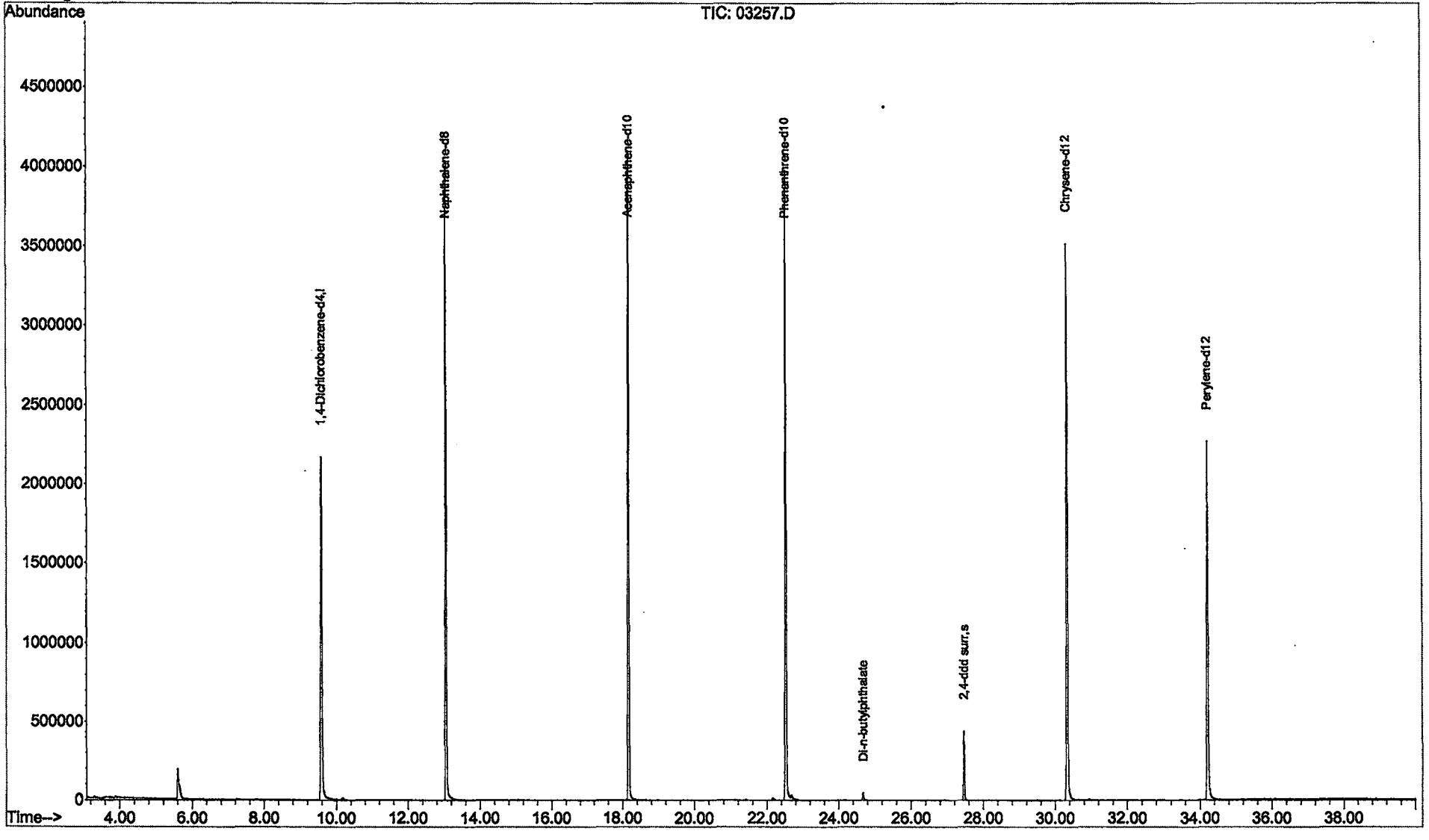
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	0.00	252	0	N.D.	
48) Benzo (a) pyrene	34.21	252	5980	N.D.	
49) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
50) Dibenz (a,h) anthracene	0.00	278	0	N.D.	
51) Benzo (g,h,i) perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration
03257.D 5080202.M Wed Apr 03 05:54:53 2002 Page 2

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\03257.D Vial: 24
Acq On : 2 Mar 2002 7:58 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 3 5:54 2002 Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\022802\03257.D Vial: 24
Acq On : 2 Mar 2002 7:58 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080202.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

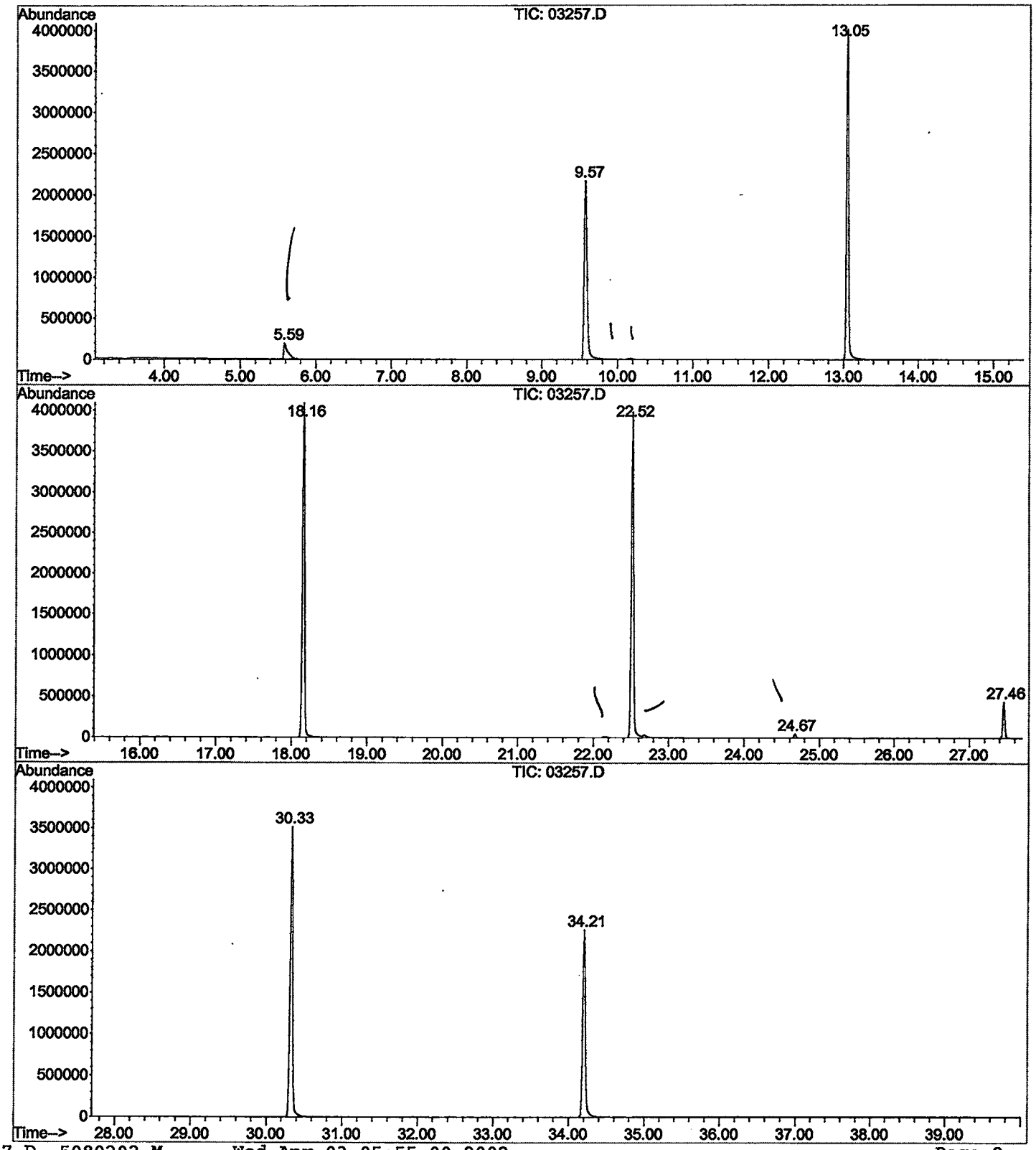
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.589	274	277	291	rBV	189002	645383	7.85%	1.444%
2	9.570	711	716	739	rBV	2169203	5664931	68.93%	12.671%
3	13.053	1094	1100	1124	rBV	4002015	7655534	93.15%	17.123%
4	18.160	1657	1663	1680	rBV	4089934	8136754	99.01%	18.199%
5	22.523	2137	2144	2158	rBV2	3979425	8218459	100.00%	18.382%
6	24.672	2377	2381	2387	rBV	46463	84472	1.03%	0.189%
7	27.457	2683	2688	2698	rVB	436310	780002	9.49%	1.745%
8	30.332	2998	3005	3023	rBV2	3513852	7971552	97.00%	17.830%
9	34.205	3423	3432	3446	rBV2	2266076	5551660	67.55%	12.417%

Sum of corrected areas: 44708747

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\022802\03257.D
Operator : McLean
Acquired : 2 Mar 2002 7:58 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 2/13/02 GC SCAN
Misc Info :
Vial Number: 24
Quant File :5080202.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\022802\03257.D Vial: 24
Acq On : 2 Mar 2002 7:58 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

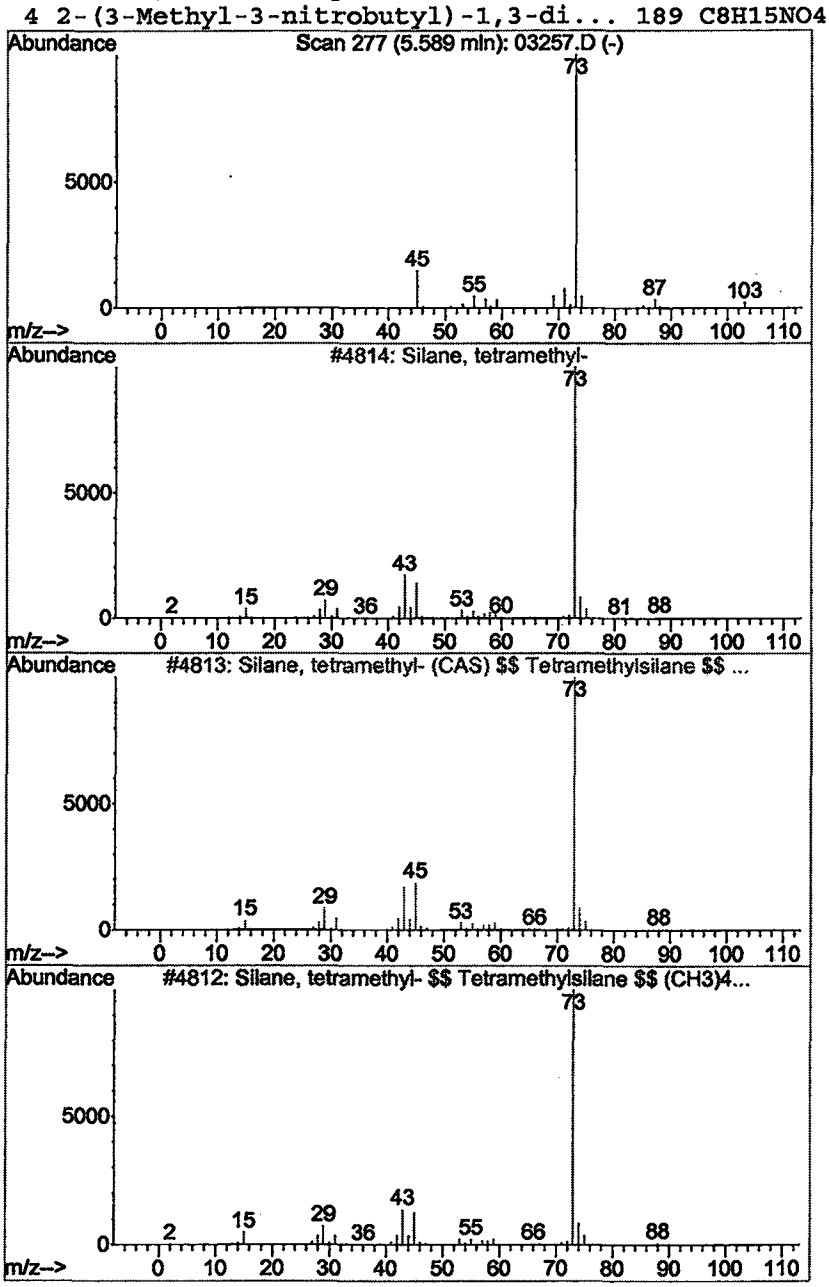
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

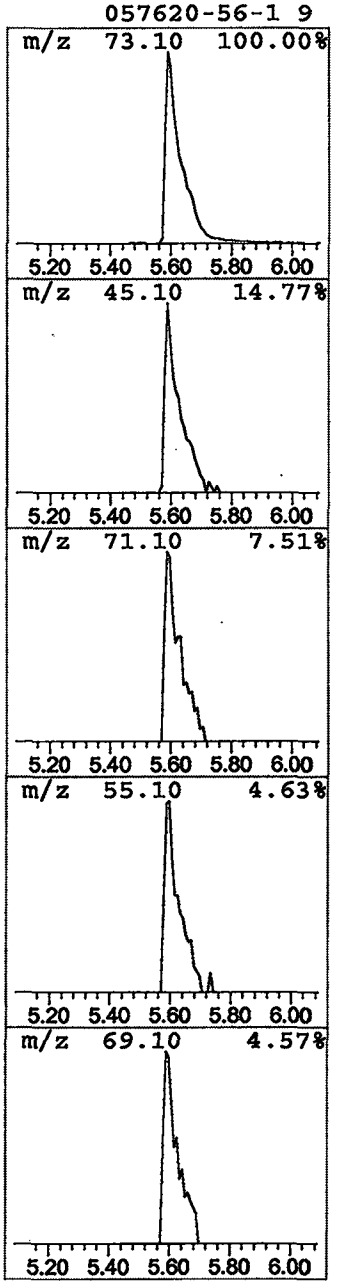
****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	2.28 ug/L	645383	1,4-Dichlorobenzene-d4	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	47
2	Silane, tetramethyl- (CAS) $$ Te...	88	C4H12Si	000075-76-3	9
3	Silane, tetramethyl- $$ Tetramet...	88	C4H12Si	000075-76-3	9
4	2-(3-Methyl-3-nitrobutyl)-1,3-di...	189	C8H15NO4	057620-56-1	9





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 2 Mar 2002 7:58 am
Data File: C:\MSDCHEM\1\DATA\022802\03257.D
Name: 2/13/02 GC SCAN
Misc:
Method: C:\MSDCHEM\1\5973N\5080202.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
Silane, tetramethyl-	5.59	2.3	ug/L	645383	1	9.58	5664930	20.0

```
Library Searched : C:\Database\wiley7n.l
Quality          : 9
ID               : 2-Piperidinone (CAS) $$ 2-Piperidone $$ VALEROLACTAM $$ Valerolactim $
                   $ 5-Pentanolactam $$ .alpha.-Piperidone $$ .delta.-Valerolactam $$ Pen
                   tanoic acid, 5-amino-, lactam $$ Piperidon $$ Piperidone-2 $$ PIPERIDI
                   N-2-ONE
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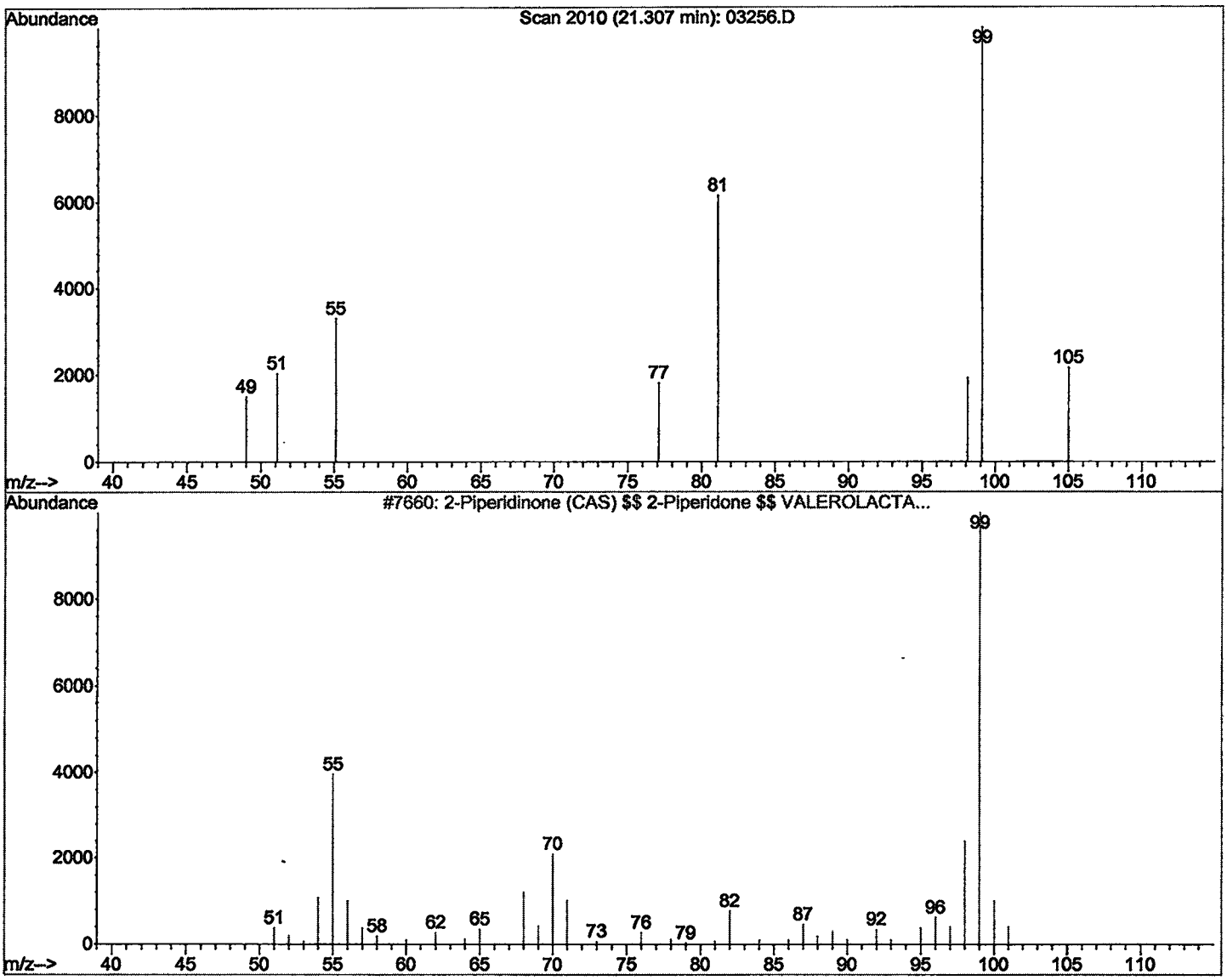
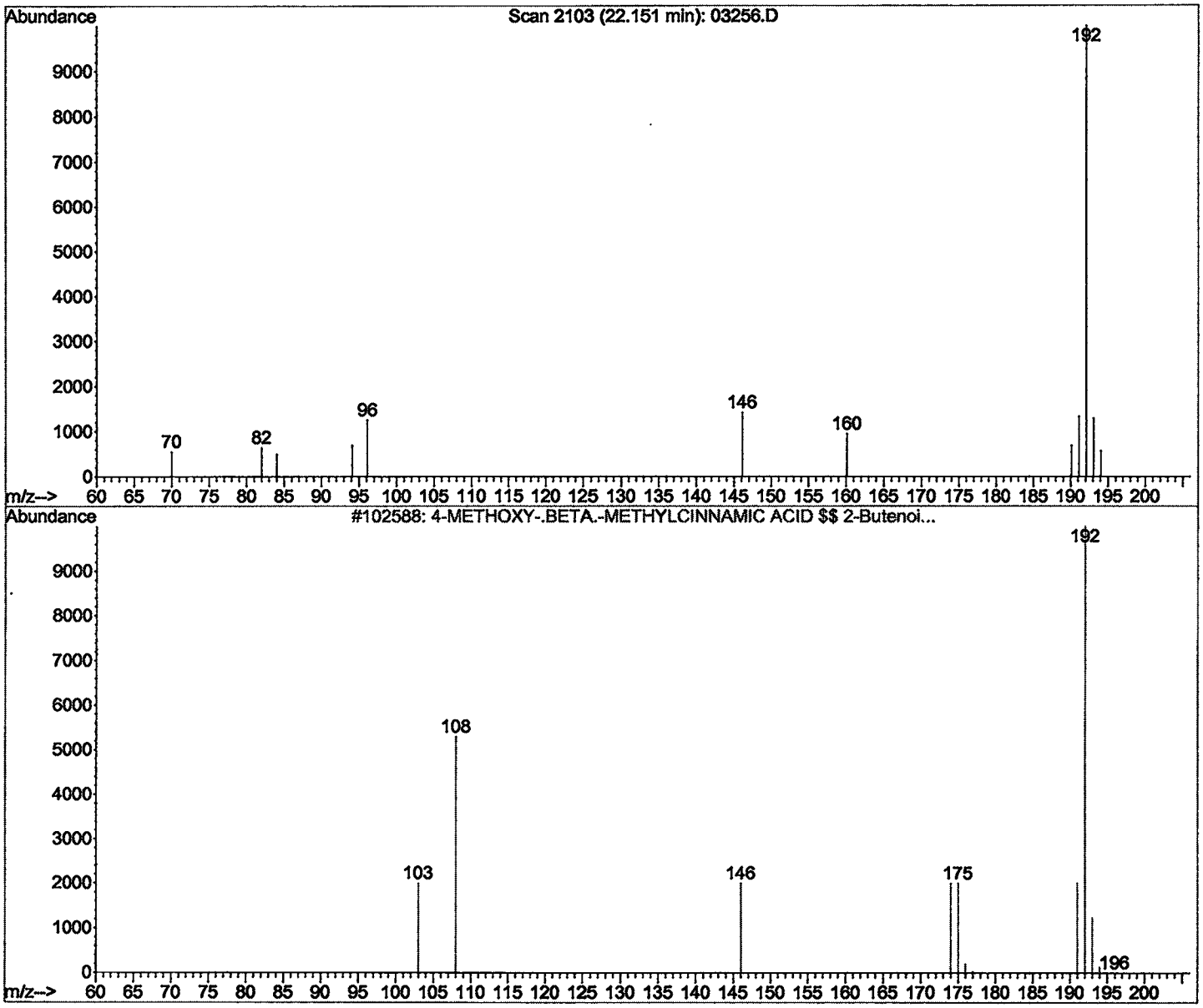
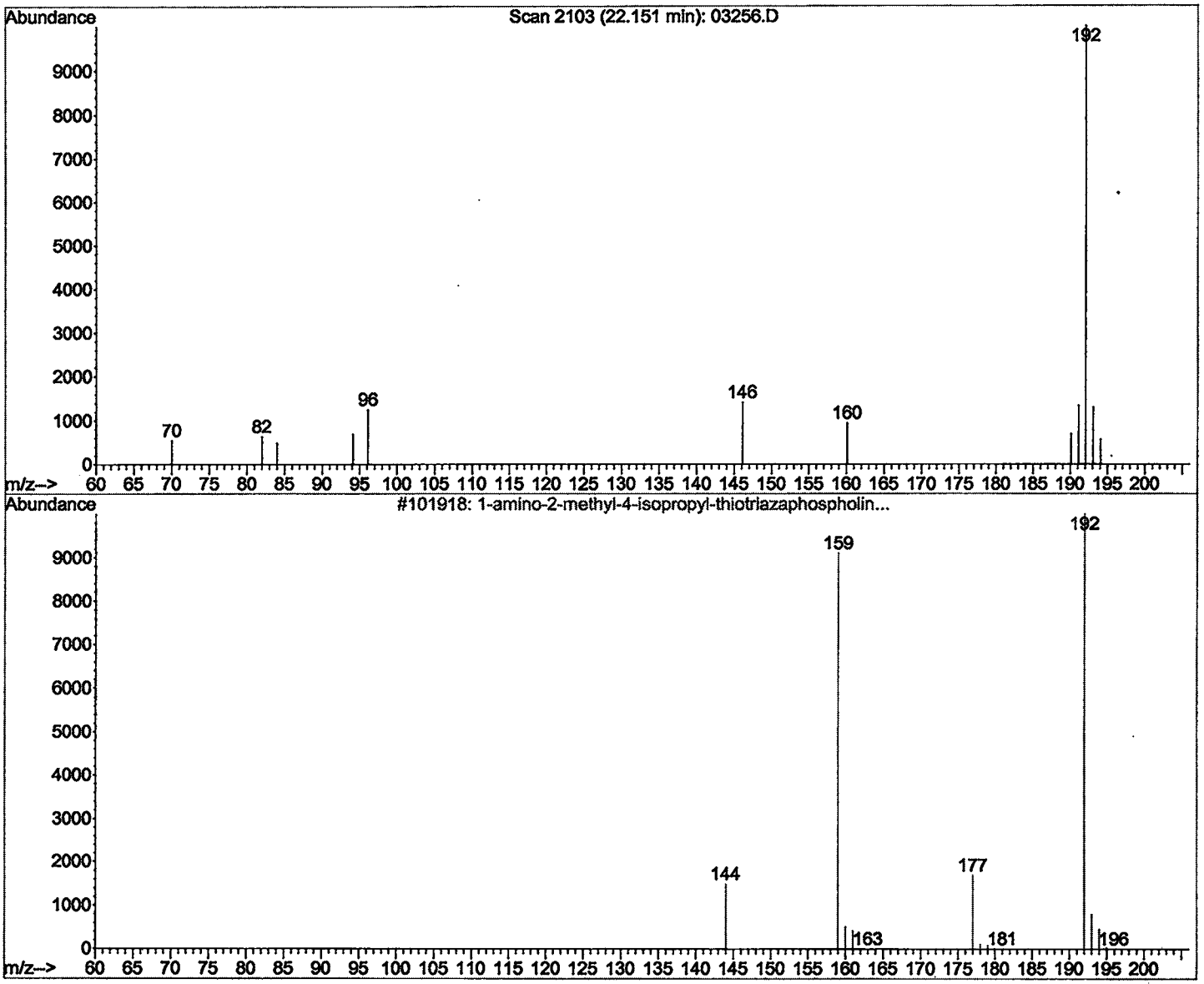


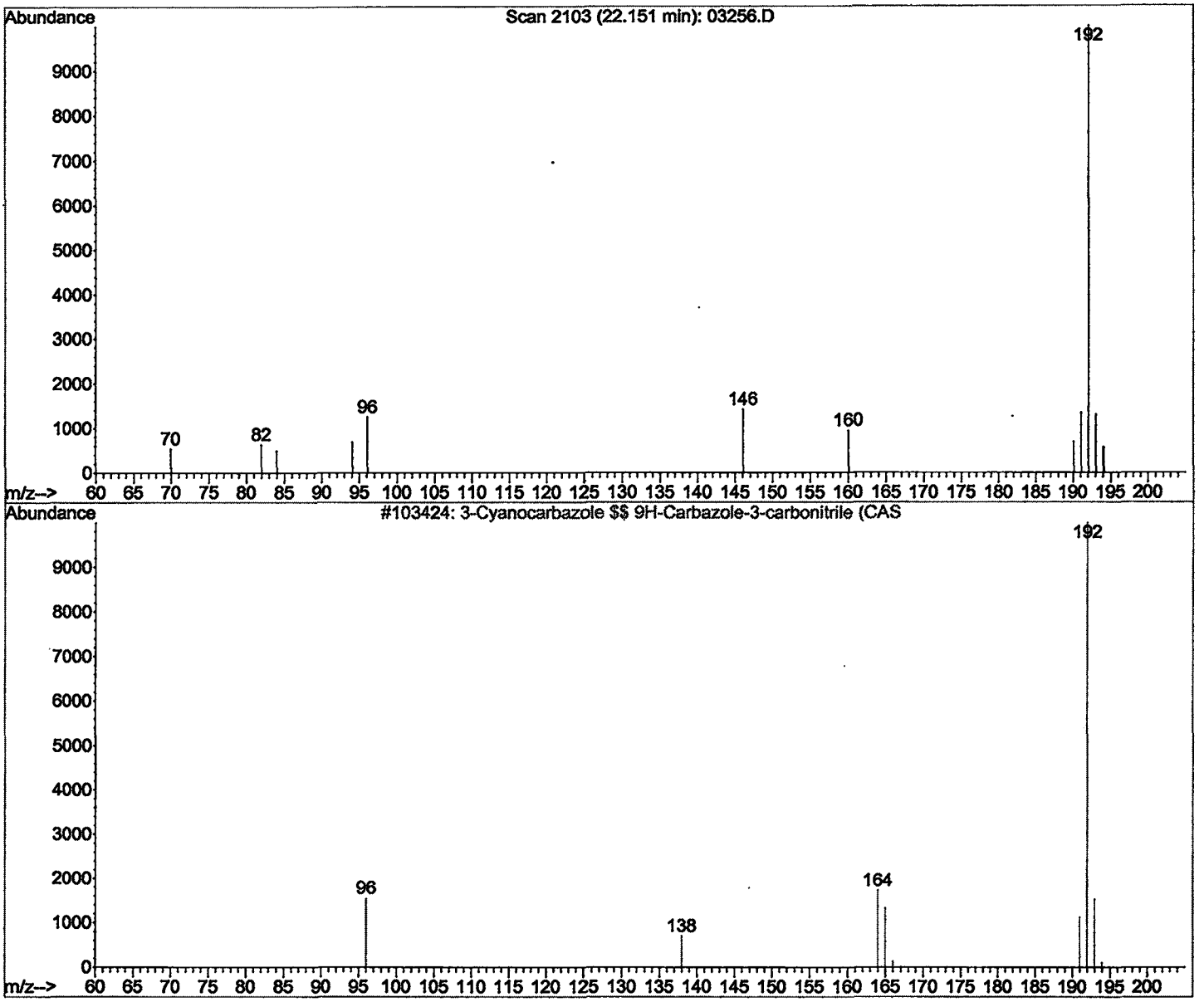
Library Searched : C:\Database\wiley7n.l
Quality : 72
ID : 4-METHOXY-.BETA.-METHYLCINNAMIC ACID $$ 2-Butenoic acid, 3-(4-methoxyphenyl)- (CAS) $$ Cinnamic acid, p-methoxy-.beta.-methyl- (CAS)



Library Searched : C:\Database\wiley7n.l
Quality : 50
ID : 1-amino-2-methyl-4-isopropyl-thiotriazaphospholine-2,3,5 $$ 3H-1,2,4,3-Triazaphosphol-3-amine, 1,2-dihydro-2-methyl-5-(1-methylethyl)-, 3-sulfide (CAS)



Library Searched : C:\Database\wiley7n.l
Quality : 59
ID : 3-Cyanocarbazole $$ 9H-Carbazole-3-carbonitrile (CAS)



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\022802\03257.D Vial: 24
Acq On : 2 Mar 2002 7:58 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080202.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	5.589	274	277	291	rBV	189002	645383	7.85%	1.444%
2	9.570	711	716	739	rBV	2169203	5664931	68.93%	12.671%
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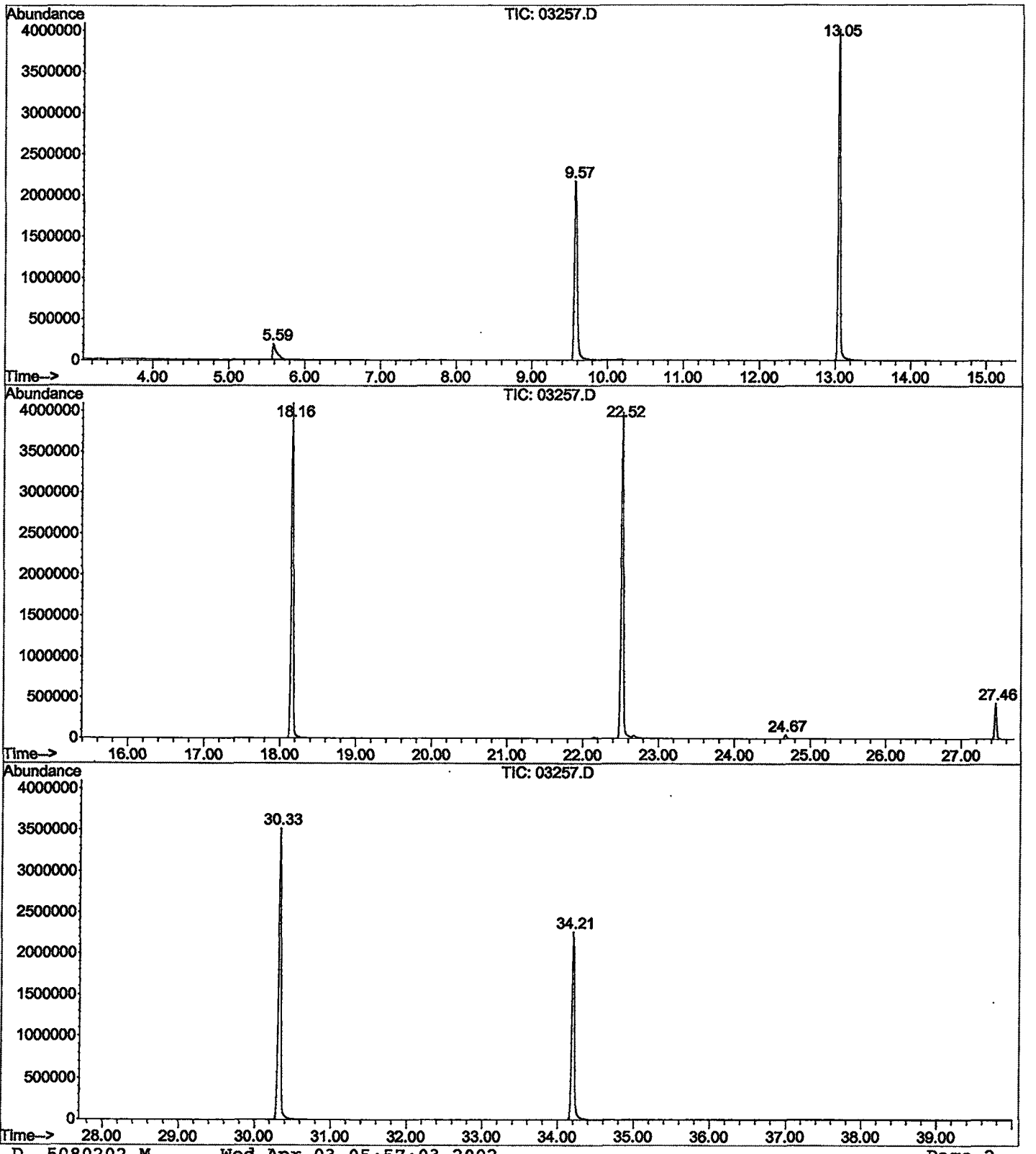
Sum of corrected areas: 44708747

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\022802\03257.D
Operator : McLean
Acquired : 2 Mar 2002 7:58 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 2/13/02 GC SCAN
Misc Info :
Vial Number: 24
Quant File :5080202.RES (RTE Integrator)



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Acq On : 2 Mar 2002 7:58 am Operator: McLean
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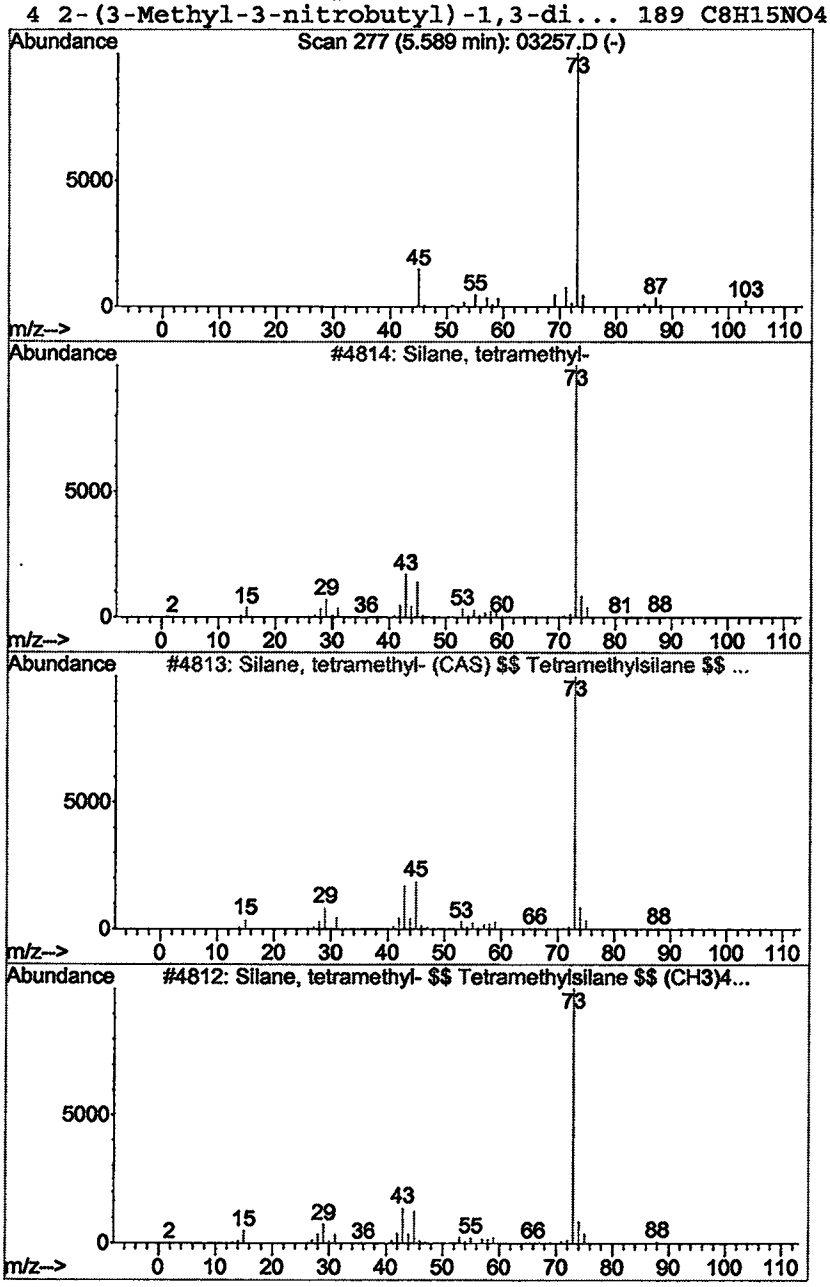
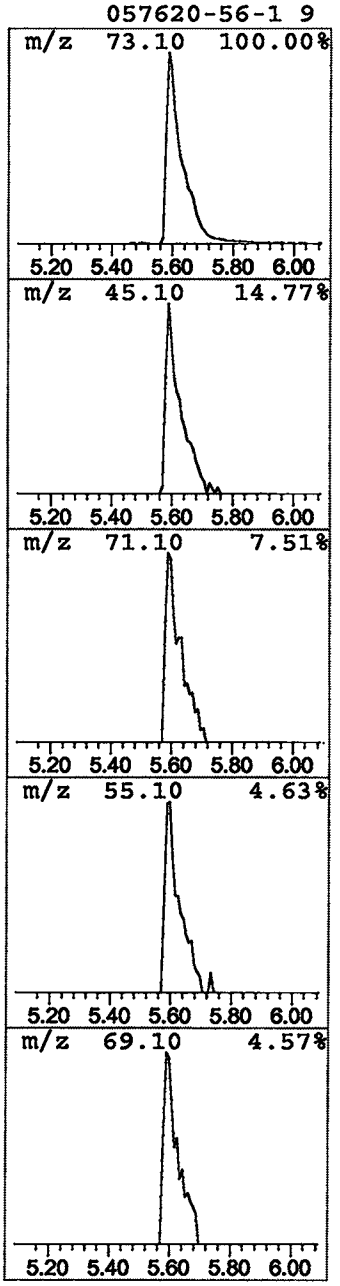
3	Silane, tetramethyl- $$ Tetramet...	88	C4H12Si	000075-76-3	9
4	2-(3-Methyl-3-nitrobutyl)-1,3-di...	189	C8H15NO4	057620-56-1	9





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Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

					--Internal Standard---			
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