User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/03/2002 Time: 12:36:38

Sample: AE03258
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/3/02 12:36 Ended: 4/3/02 12:36 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		89		5.0

Comments for Sample AE03258 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-03-2002 Time: 12:37:12

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.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\03258.D Vial: 25
Acq On : 2 Mar 2002 8:47 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 03 05:57:12 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	1692105	20.00	ug/L	0.00
10) Naphthalene-d8	13.05	136	4414438	20.00	ug/L	0.00
17) Acenaphthene-d10	18.17	164	2428084	20.00	ug/L	0.00
29) Phenanthrene-d10	22.52	188	3664610	20.00	ug/L	0.00
38) Chrysene-d12	30.34	240	3266560	20.00	ug/L	-0.02
44) Perylene-d12	34.21	264	2132779	20.00	ug/L	-0.02
System Monitoring Compounds						
37) 2,4-ddd surr	27.46	235	222655	3.83	ug/L	0.00
Spiked Amount 5.000			Recovery = 76.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.30	74	12180	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.		
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	84854	0.35	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	30.34	228	9614	N.D.		
42) Bis (2-ethylhexyl) phthala	30.93	149	4697	N.D.		
43) Chrysene	30.34	228	9614	N.D.		
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo (b) fluoranthene	0.00	252	0	N.D.		

4.4/5 = 89%

(#) = qualifier out of range (m) = manual integration
03258.D 5080202.M Wed Apr 03 05:57:32 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\03258.D Vial: 25
Acq On : 2 Mar 2002 8:47 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 03 05:57:12 2002 Quant Results File: 5080202.RES

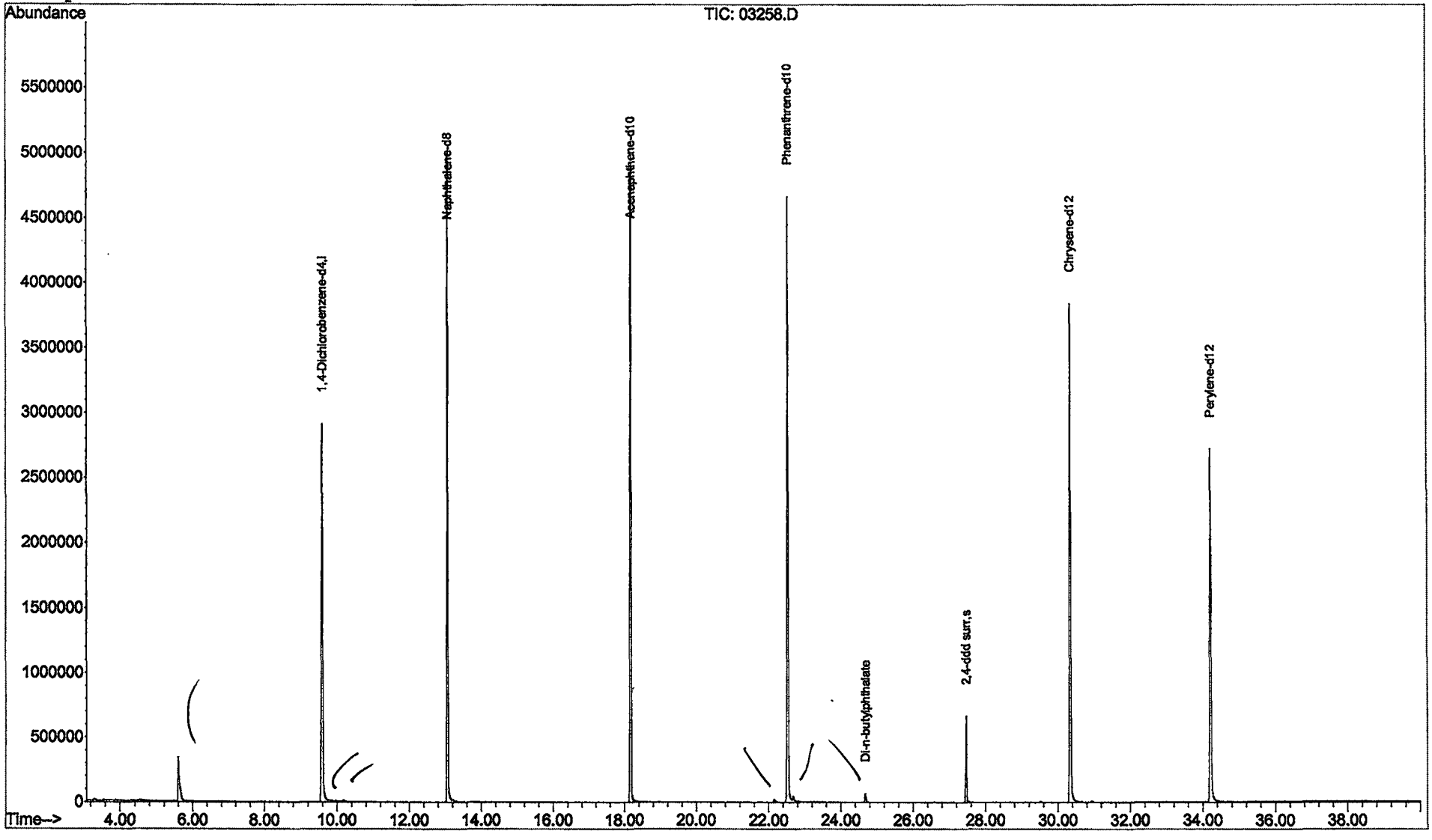
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

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	8116	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.	

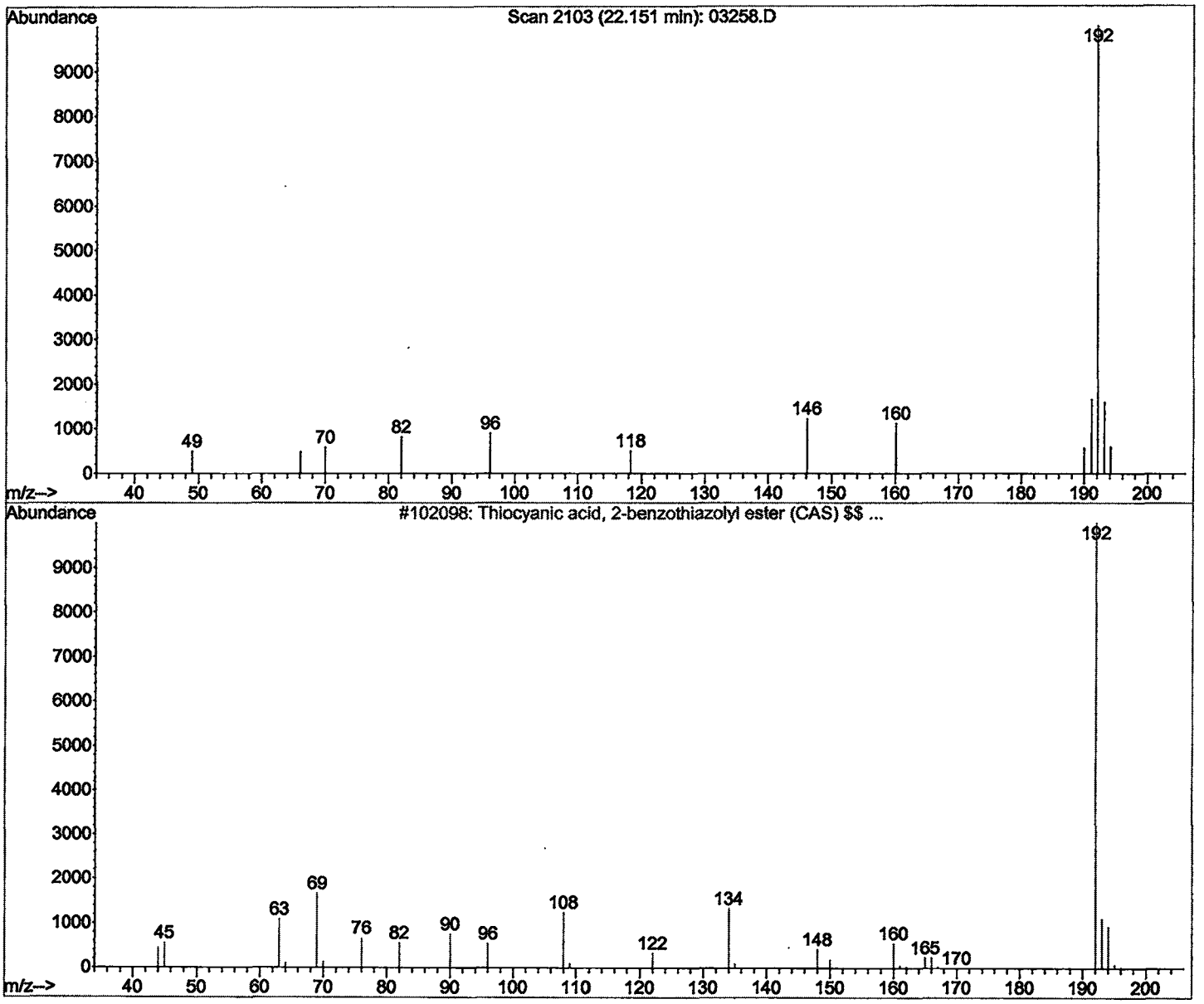
(#) = qualifier out of range (m) = manual integration

Data File : C:\MSDCHEM\1\DATA\022802\03258.D Vial: 25
Acq On : 2 Mar 2002 8:47 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 3 5:57 2002 Quant Results File: 5080202.RES

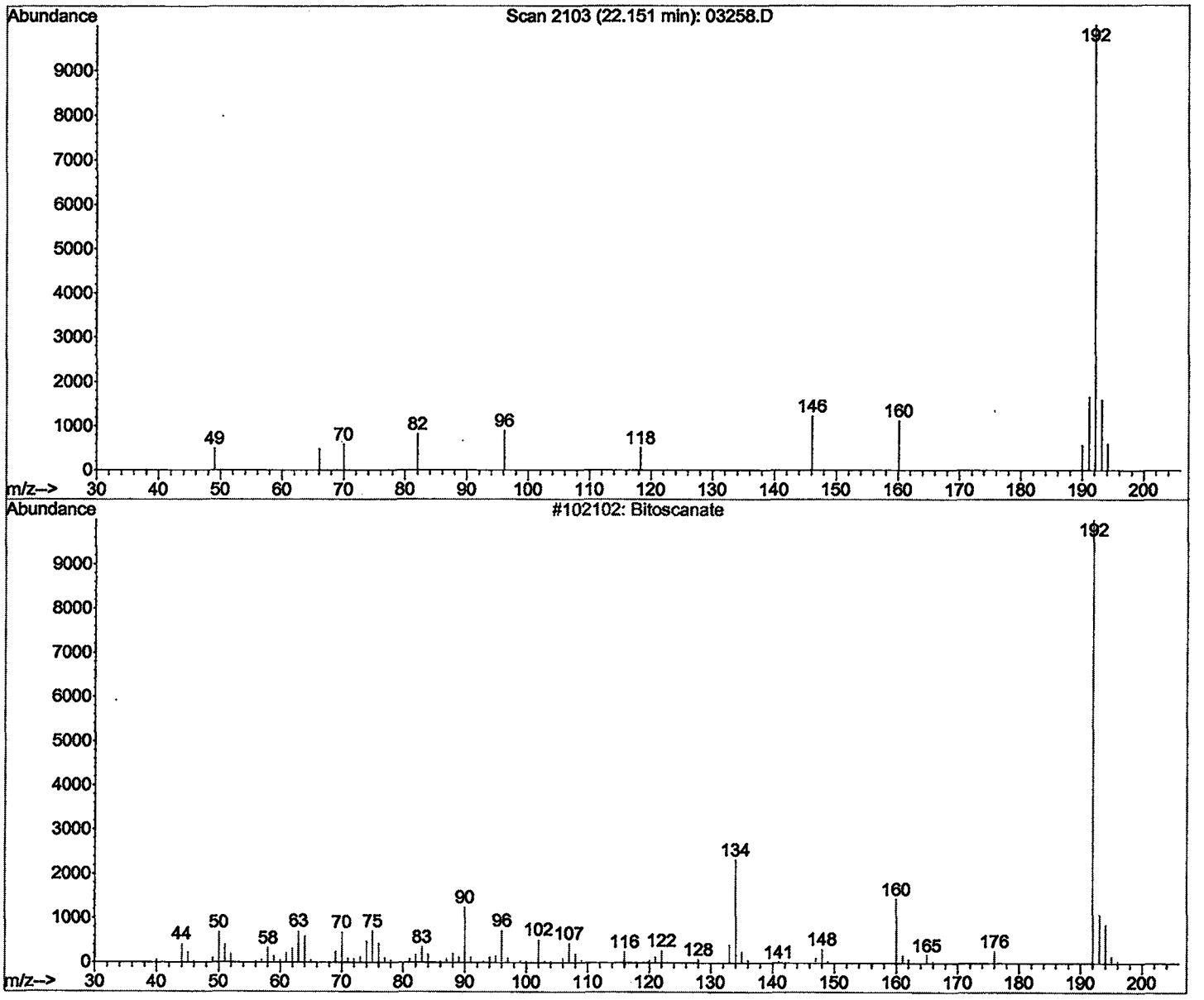
Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration



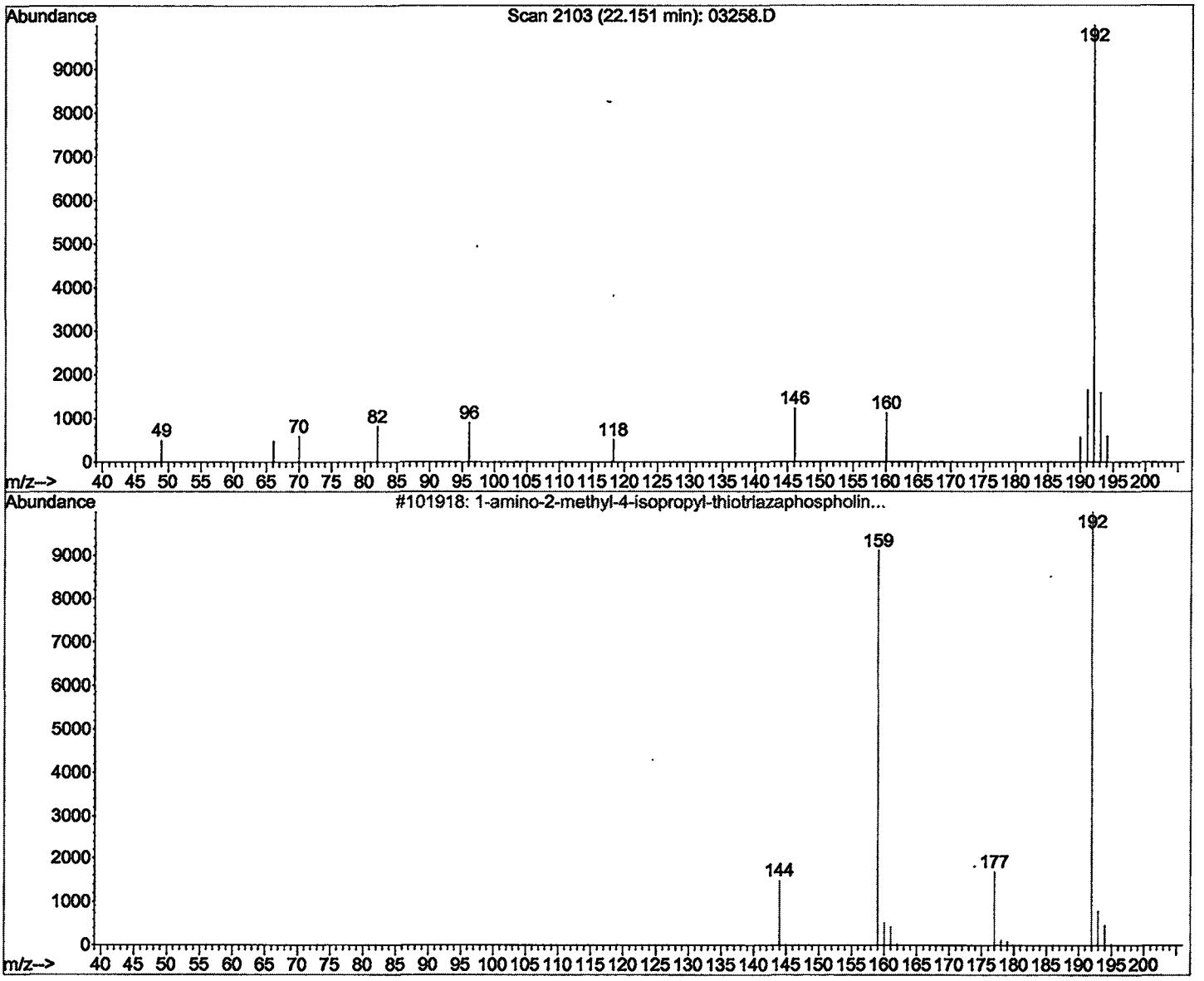
Library Searched : C:\Database\wiley7n.l
Quality : 59
ID : Thiocyanic acid, 2-benzothiazolyl ester (CAS) $$ 2-Thiocyanatobenzothiazole $$ 2-Benzothiazolyl thiocyanate



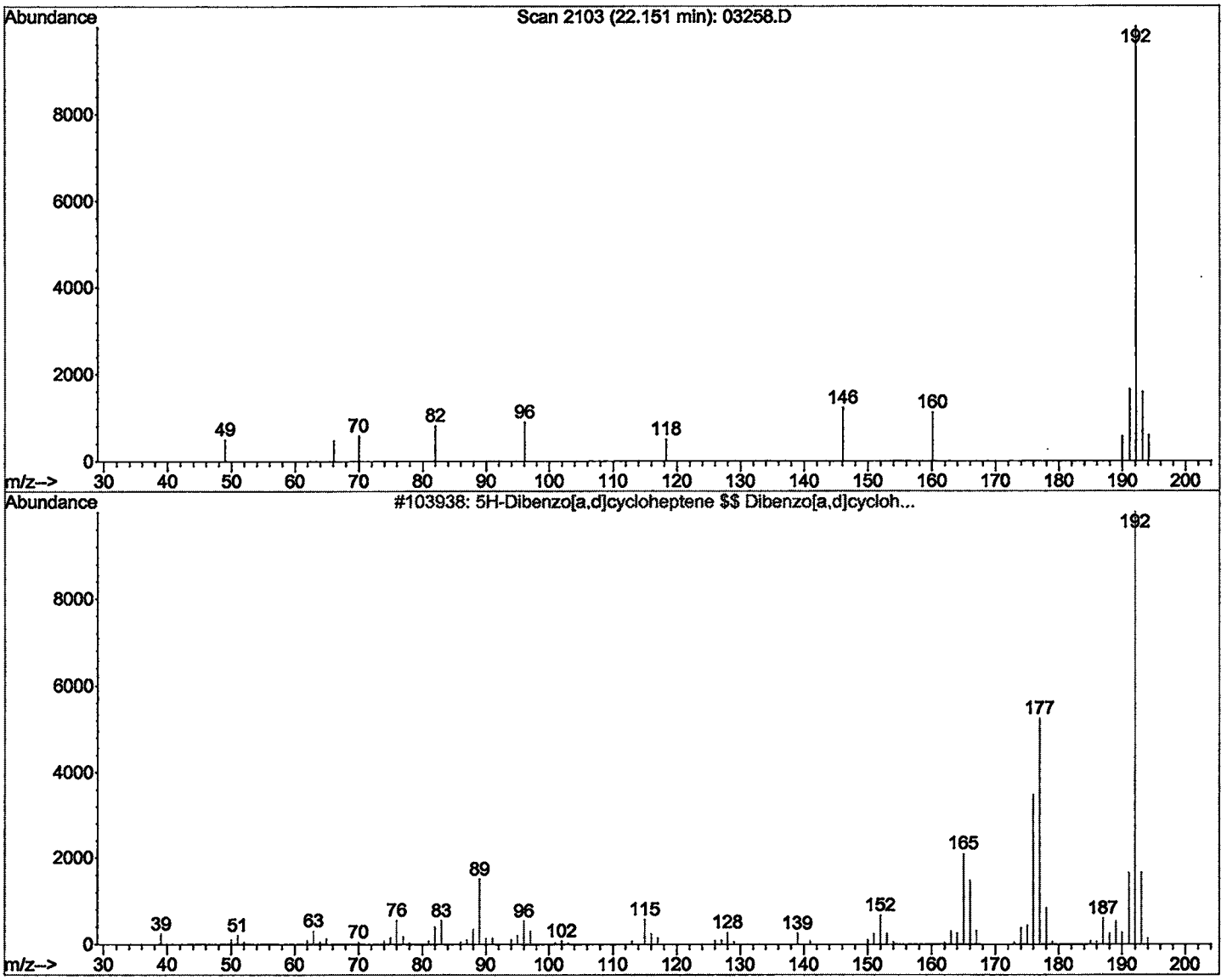
Library Searched : C:\Database\wiley7n.l
Quality : 59
ID : Bitoscanate



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 : 45
ID : 5H-Dibenzo[a,d]cycloheptene $$ Dibenzo[a,d]cycloheptatriene $$ Dibenzo[a,e]cycloheptatriene $$ Suberene $$ 1,2,5,6-Dibenzcycloheptatriene $$ 1,2,5,6-Dibenzotropilidene $$ 2,3,6,7-Dibenzocycloheptatriene $$ 2,3:6,7-Dibenzo-4-suberene $$ Dibenzo[a,d]cyclohe



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\022802\03258.D Vial: 25
Acq On : 2 Mar 2002 8:47 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

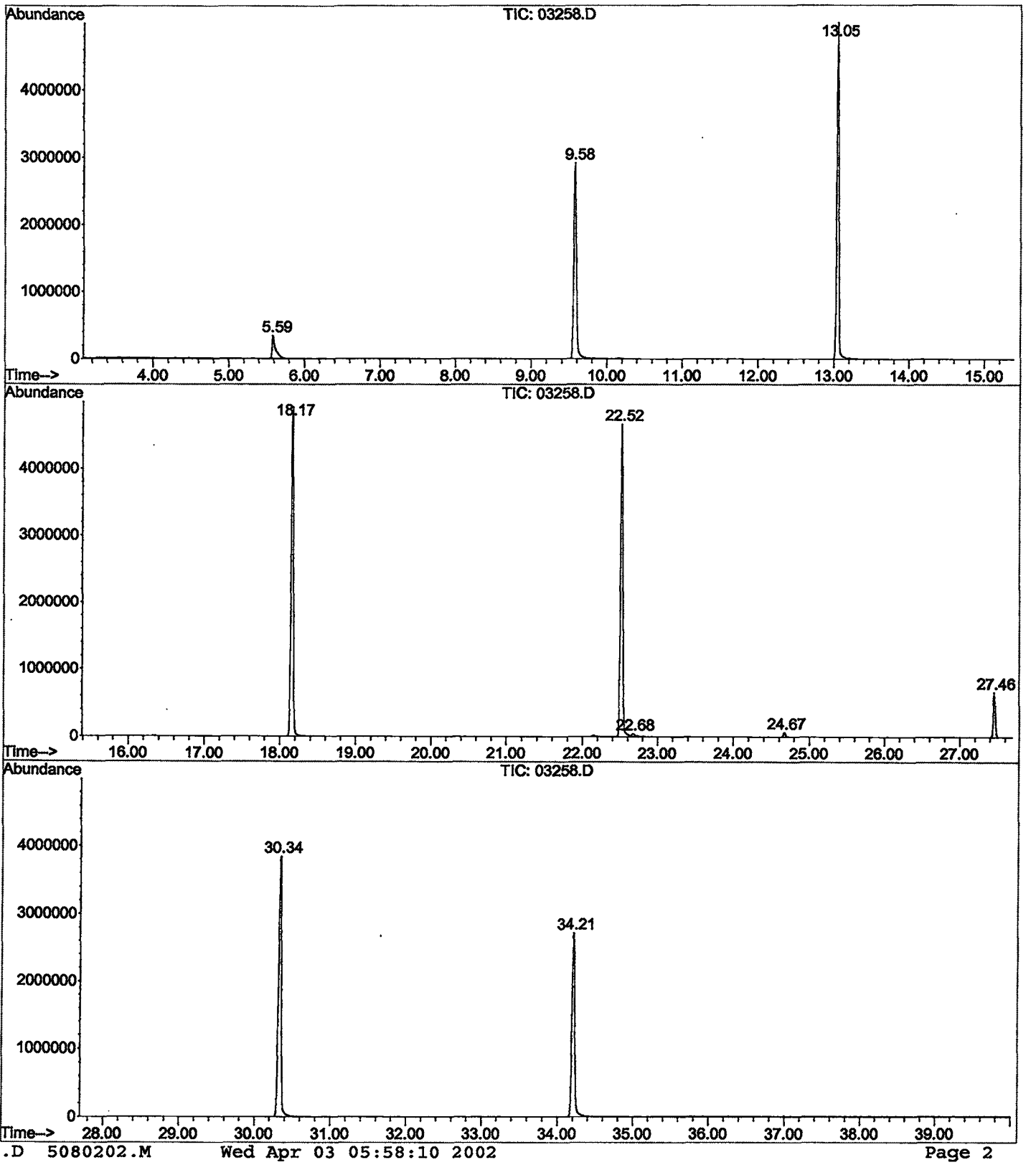
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.588	274	277	293	rBV	337489	1006737	9.98%	1.805%
2	9.579	711	717	740	rBV	2911053	7095616	70.32%	12.724%
3	13.053	1094	1100	1113	rBV	4996217	9464980	93.80%	16.973%
4	18.169	1657	1664	1684	rBV	4917704	10090590	100.00%	18.095%
5	22.523	2137	2144	2157	rBV2	4666856	10059478	99.69%	18.039%
6	22.677	2157	2161	2172	rVB2	40247	119984	1.19%	0.215%
7	24.672	2377	2381	2390	rBV	66507	132537	1.31%	0.238%
8	27.457	2683	2688	2697	rVB	663523	1189553	11.79%	2.133%
9	30.341	2998	3006	3023	rBV2	3837561	9523913	94.38%	17.079%
10	34.214	3424	3433	3456	rBV2	2716579	7081786	70.18%	12.699%

Sum of corrected areas: 55765174

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\022802\03258.D
Operator : McLean
Acquired : 2 Mar 2002 8:47 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 2/13/02 GC SCAN
Misc Info :
Vial Number: 25
Quant File :5080202:RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\022802\03258.D Vial: 25
Acq On : 2 Mar 2002 8:47 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

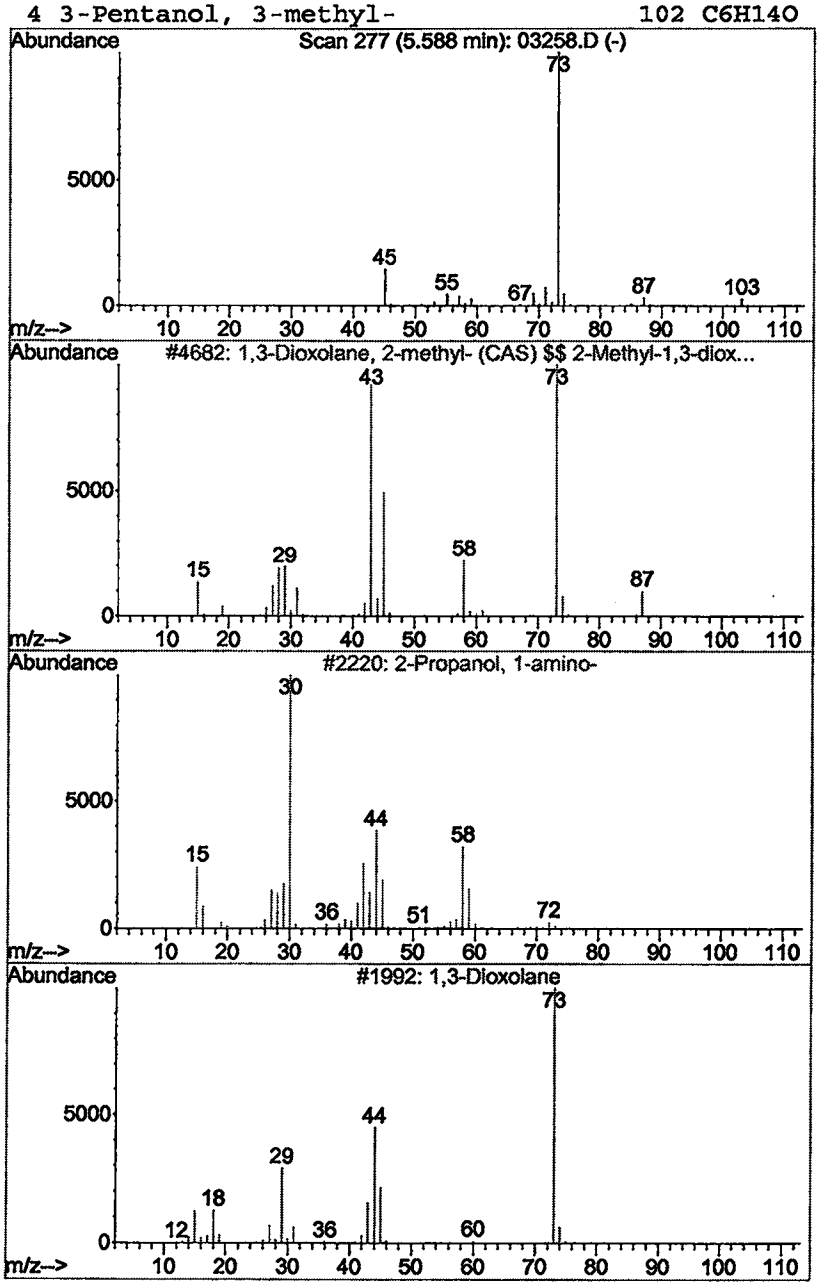
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

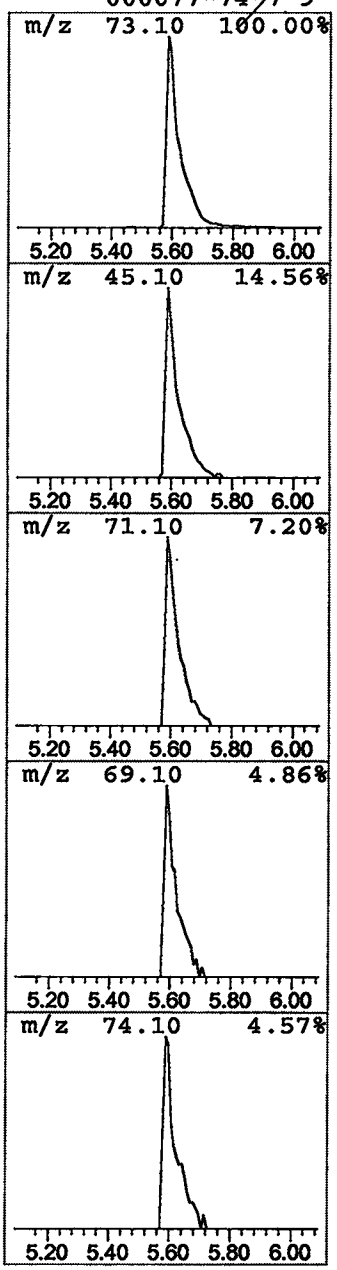
****

Peak Number 1 1,3-Dioxolane, 2-methyl- (C... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	2.84 ug/L	1006740	1,4-Dichlorobenzene-d4	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl- (CAS) $...	88	C4H8O2	000497-26-7	9
2	2-Propanol, 1-amino-	75	C3H9NO	000078-96-6	9
3	1,3-Dioxolane	74	C3H6O2	000646-06-0	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 2 Mar 2002 8:47 am
Data File: C:\MSDCHEM\1\DATA\022802\03258.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
1,3-Dioxolane, 2-...	5.59	2.8	ug/L	1006740	1	9.58	7095620	20.0