User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 12:29:54

Sample: AE06589
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/18/2002 12:28 Ended: 4/18/2002 12:28 Analyst: DLV
Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		.	
2	Surr_2,4-DDD		114	5.0

3/18/2
by Curcio
MC 0810

Comments for Sample AE06589 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-18-2002 Time: 12:30:54

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. However there is an identifible TIC at a trace level at RT 31.02 minutes.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041502\6589.D Vial: 13
Acq On : 15 Apr 2002 7:55 pm Operator: Bohlk
Sample : SAMPLE 6589 3/20/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 17 17:54:47 2002 Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 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	387112	40.00	ug/L	0.00
10) Naphthalene-d8	12.88	136	1812899	40.00	ug/L	0.00
17) Acenaphthene-d10	17.99	164	994098	40.00	ug/L	0.00
30) Phenanthrene-d10	22.34	188	1418126	40.00	ug/L	0.00
39) Chrysene-d12	30.14	240	1139208	40.00	ug/L	-0.01
45) Perylene-d12	34.01	264	716878	40.00	ug/L	0.00
System Monitoring Compounds						
28) TCMX (SURR)	0.00	244	0	0.00	ug/L	
Spiked Amount 10.000			Recovery = 0.00%			
38) 2,4-DDD (SURR)	27.27	235	120592	11.42	ug/L	0.00
Spiked Amount 10.000			Recovery = 114.20%			
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	30.77	149	7156	0.25	ug/L	94
44) Chrysene	0.00	228	0	N.D.	d	

(#) = qualifier out of range (m) = manual integration
6589.D 5080402BBC.M Wed Apr 17 17:55:54 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041502\6589.D Vial: 13
Acq On : 15 Apr 2002 7:55 pm Operator: Bohlk
Sample : SAMPLE 6589 3/20/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 17 17:54:47 2002 Quant Results File: 5080402BBC.RES

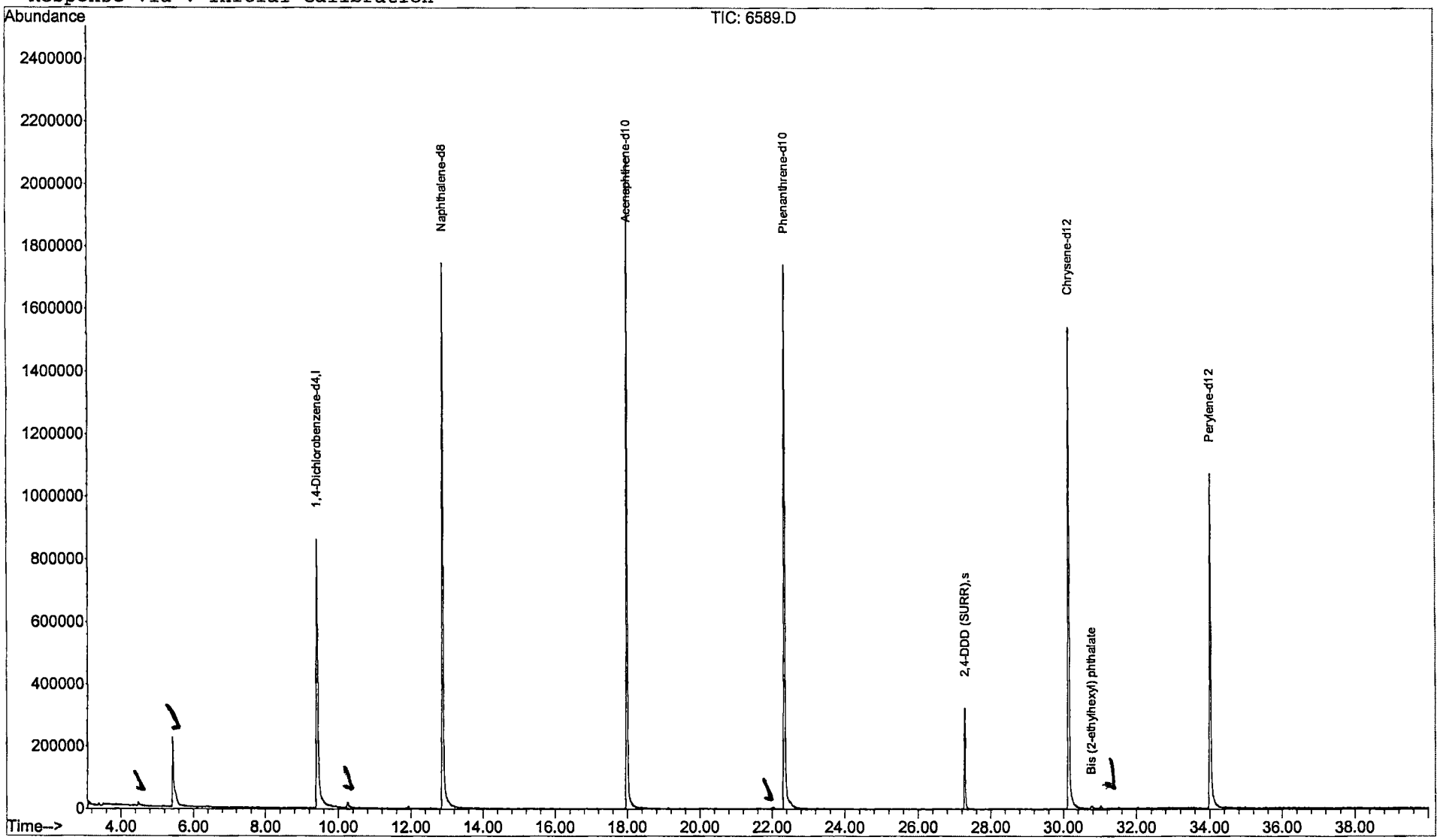
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	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.	
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
6589.D 5080402BBC.M Wed Apr 17 17:55:54 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\041502\6589.D Vial: 13
Acq On : 15 Apr 2002 7:55 pm Operator: Bohlk
Sample : SAMPLE 6589 3/20/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 17 17:55 2002 Quant Results File: 5080402BBC.RES

Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\041502\6589.D Vial: 13
Acq On : 15 Apr 2002 7:55 pm Operator: Bohlk
Sample : SAMPLE 6589 3/20/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

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

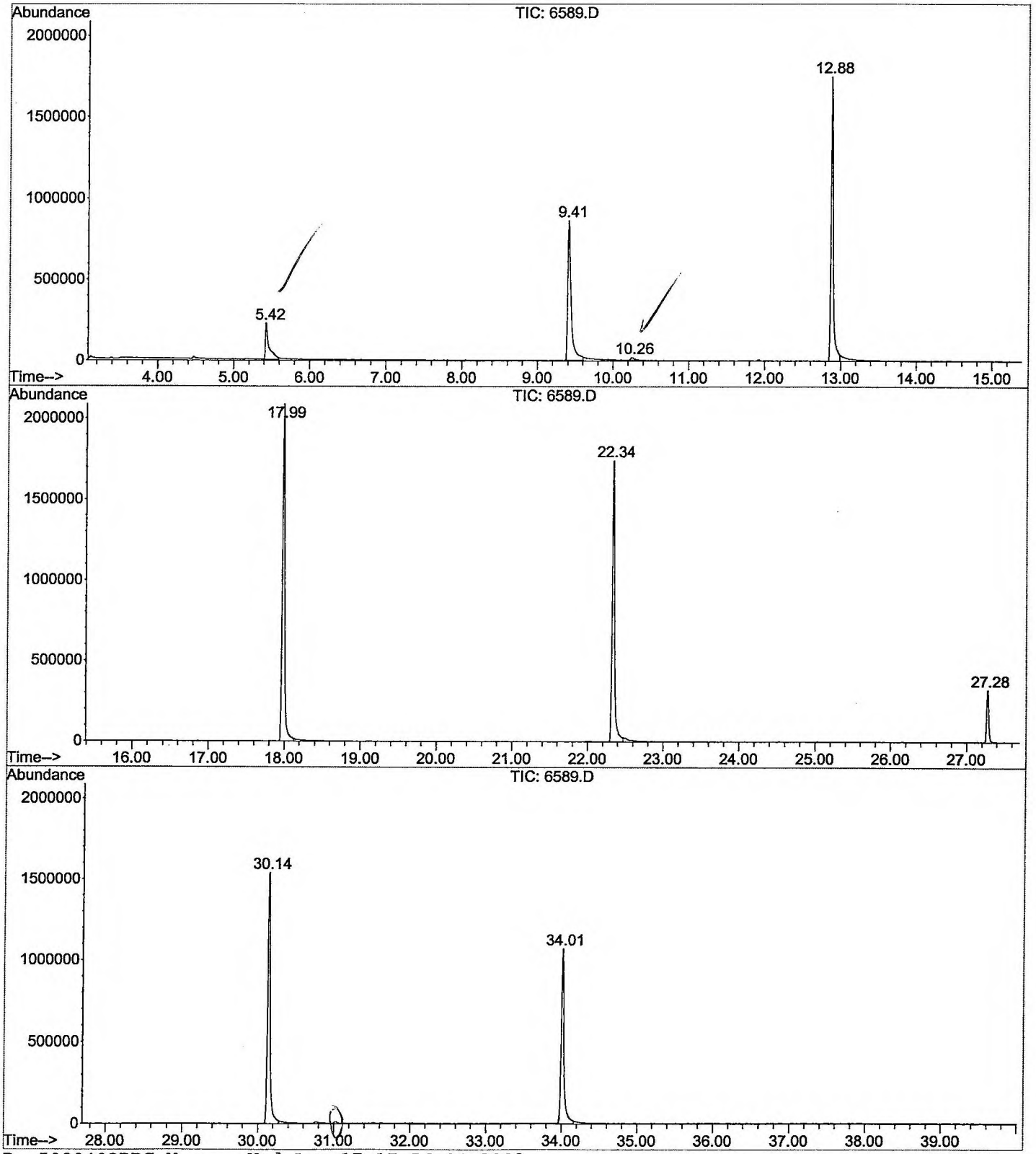
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.424	396	399	428	rBV	221703	692722	16.25%	3.077%
2	9.407	1071	1077	1110	rBV	858834	2633208	61.75%	11.697%
3	10.259	1214	1222	1228	rBV3	16958	46931	1.10%	0.208%
4	12.880	1661	1668	1687	rBV	1744598	3776595	88.57%	16.776%
5	17.986	2528	2537	2561	rBV	2085861	4264026	100.00%	18.941%
6	22.339	3269	3278	3300	rBV2	1739893	4094161	96.02%	18.186%
7	27.281	4112	4119	4133	rBV	323224	646145	15.15%	2.870%
8	30.142	4596	4606	4629	rBV2	1540621	3648688	85.57%	16.208%
9	34.014	5255	5265	5290	rBV2	1073001	2709708	63.55%	12.037%

Sum of corrected areas: 22512184

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\041502\6589.D
Operator : Bohlk
Acquired : 15 Apr 2002 7:55 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 6589 3/20/02
Misc Info :
Vial Number: 13
Quant File :5080402BBC.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\041502\6589.D Vial: 13
Acq On : 15 Apr 2002 7:55 pm Operator: Bohlk
Sample : SAMPLE 6589 3/20/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

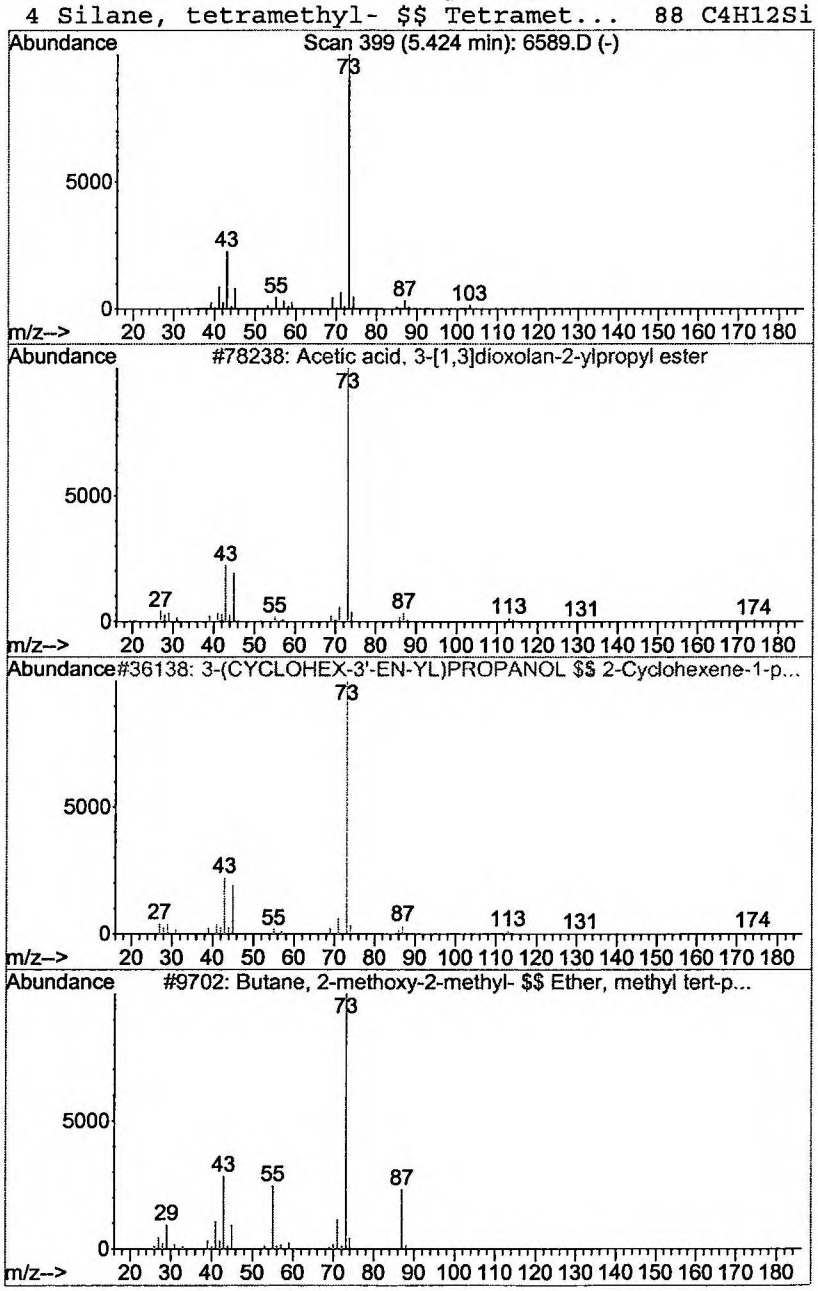
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

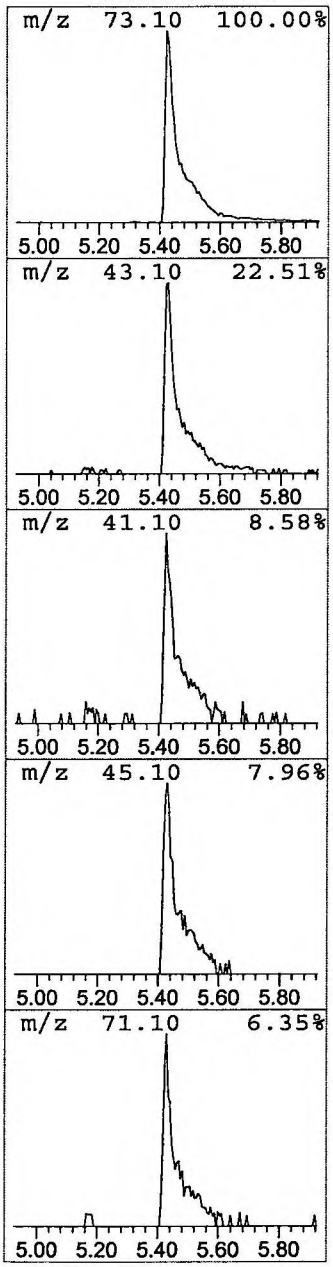
****

Peak Number 1 Acetic acid, 3-[1,3]dioxola... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	10.52 ug/L	692722	1,4-Dichlorobenzene-d4	9.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	36
2	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	36
3	Butane, 2-methoxy-2-methyl- $$ E...	102	C6H14O	000994-05-8	28
4	Silane, tetramethyl- $$ Tetramet...	88	C4H12Si	000075-76-3	9



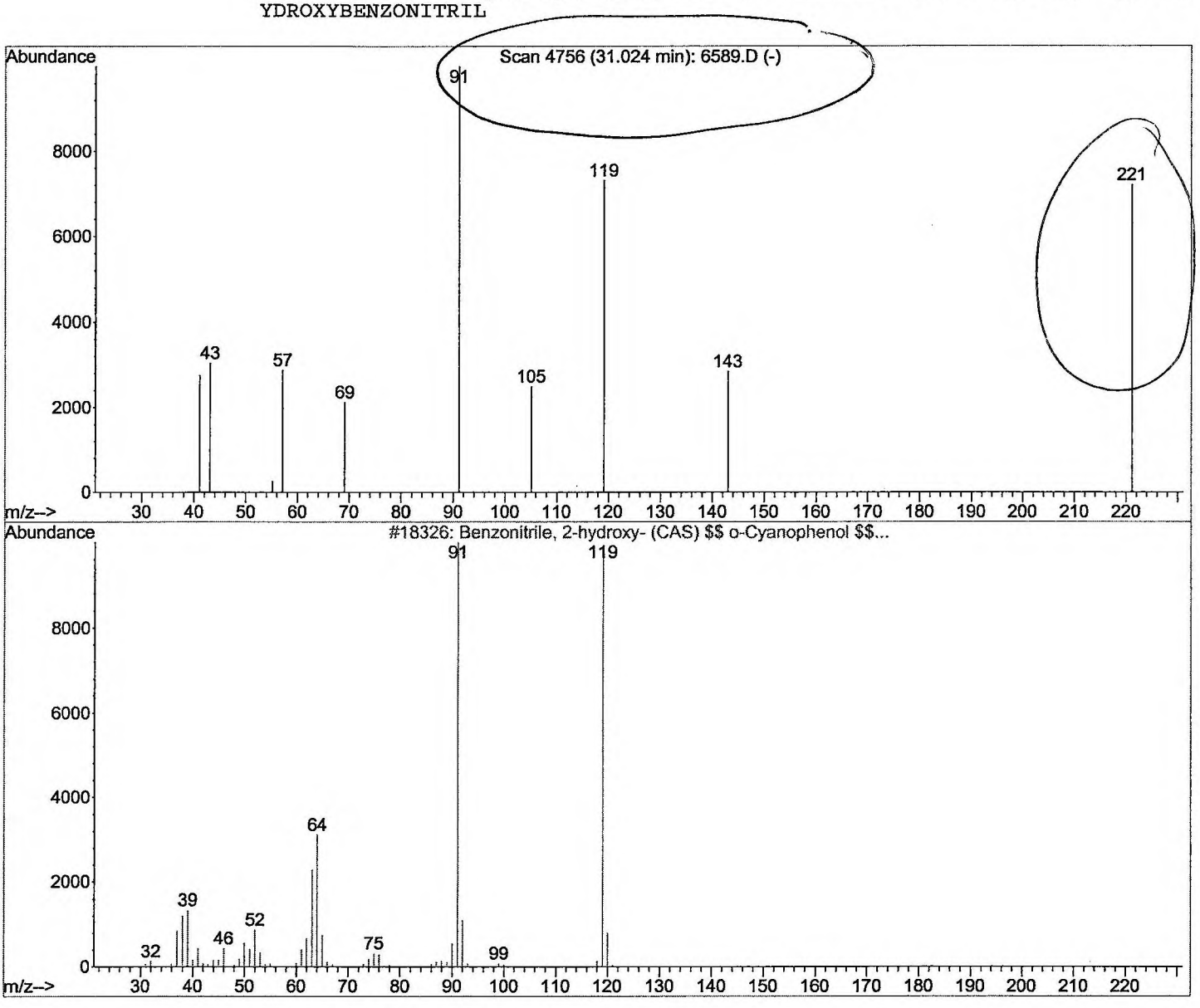


Tentatively Identified Compound (LSC) summary

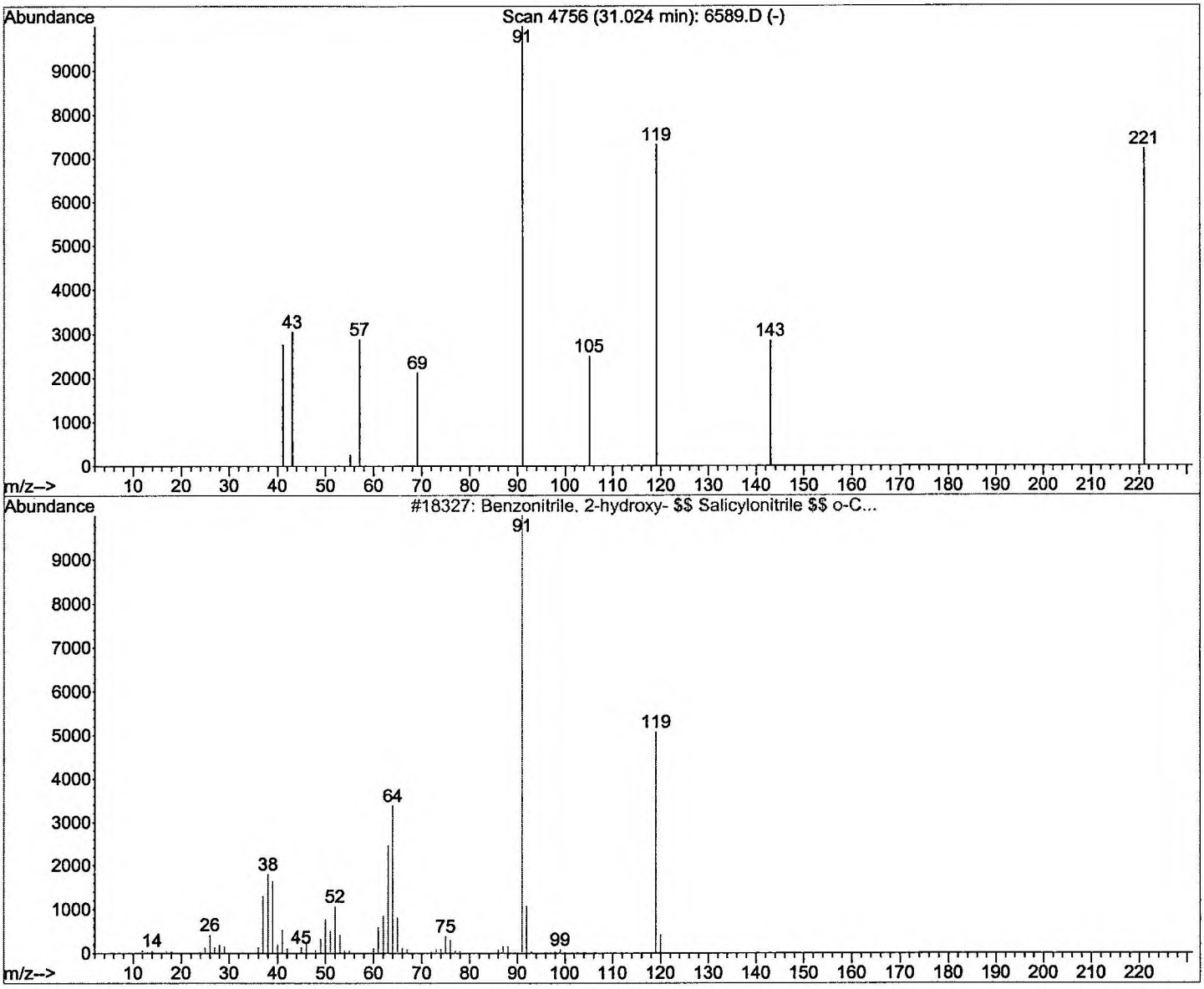
Operator ID: Bohlk Date Acquired: 15 Apr 2002 7:55 pm
Data File: C:\MSDCHEM\1\DATA\041502\6589.D
Name: SAMPLE 6589 3/20/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Acetic acid, 3-[1...	5.42	10.5	ug/L	692722	1	9.41	2633210	40.0

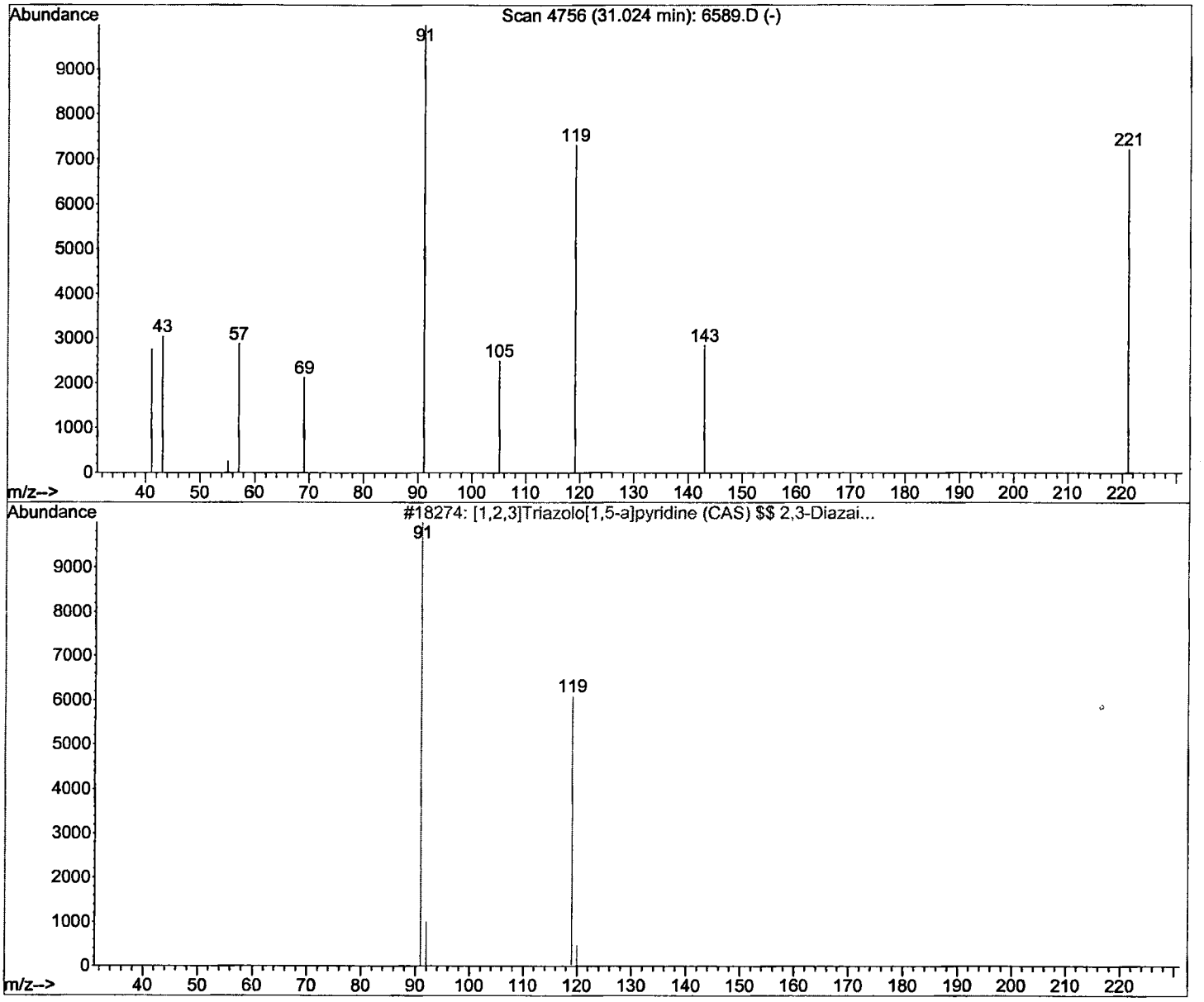
Library Searched : C:\Database\wiley7n.l
Quality : 4
ID : Benzonitrile, 2-hydroxy- (CAS) $$ o-Cyanophenol $$ 2-Cyanophenol $$ Salicylnitrile $$ Salicylonitrile $$ o-Hydoxybenzonitrile $$ 2-Hydroxybenzonitrile $$ o-Hydroxybenzonitrile $$ Benzonitrile, o-hydroxy- $$ 2-HYDROXYBENZONITRIL



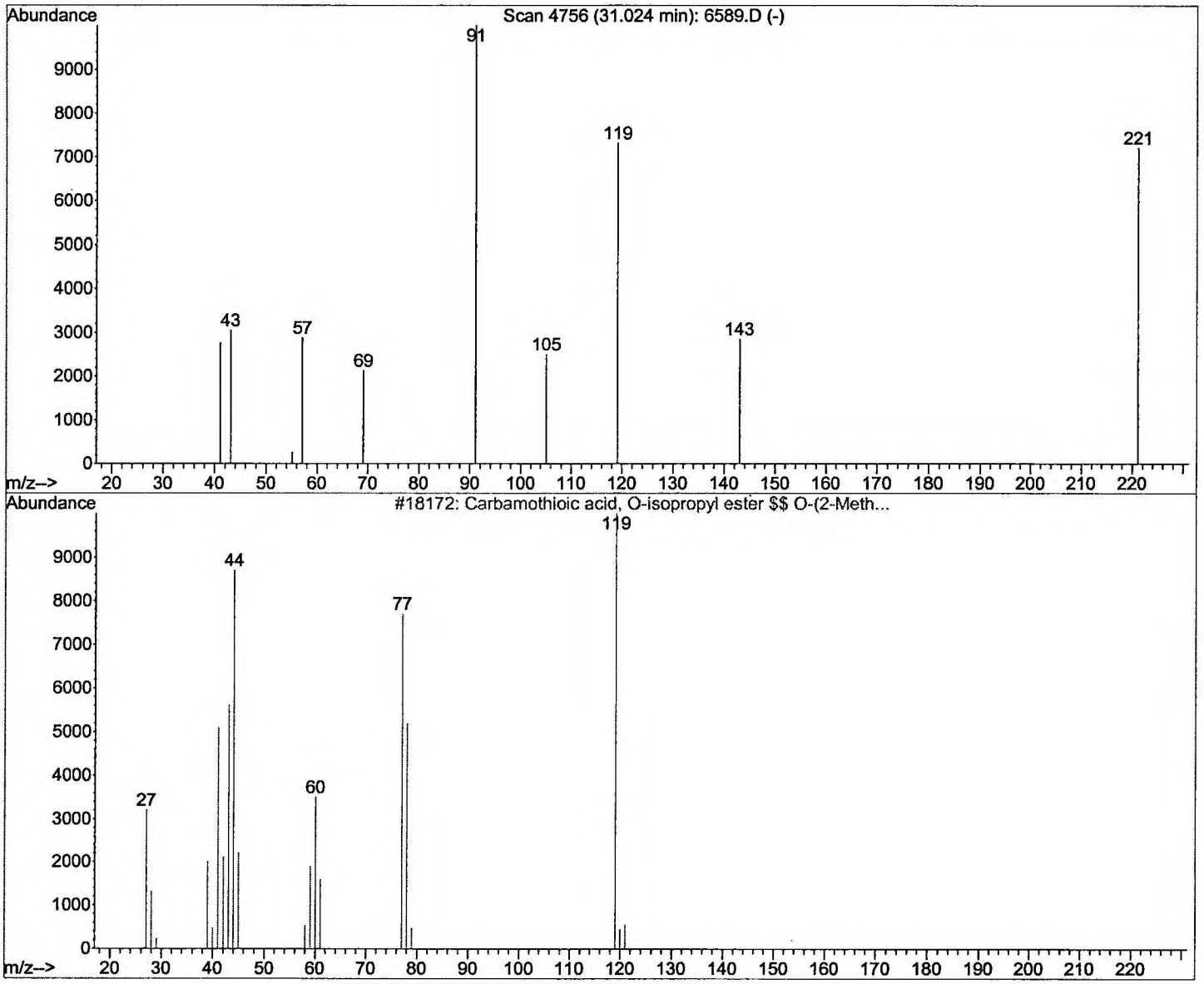
Library Searched : C:\Database\wiley7n.l
Quality : 4
ID : Benzonitrile, 2-hydroxy- $$ Salicylonitrile $$ o-Cyanophenol $$ o-Hydoxybenzonitrile $$ o-Hydroxybenzonitrile $$ Benzonitrile, o-hydroxy- $$ Salicylnitrile $$ 2-Cyanophenol $$ 2-Hydroxybenzonitrile



Library Searched : C:\Database\wiley7n.l
Quality : 4
ID : [1,2,3]Triazolo[1,5-a]pyridine (CAS) $$ 2,3-Diazaindolizine $$ Triazolo[1,5-a]pyridine $$ v-Triazolo[1,5-a]pyridine



Library Searched : C:\Database\wiley7n.l
Quality : 4
ID : Carbamothioic acid, O-isopropyl ester $$ O-(2-Methylethyl) ester of carbamothioic acid $$ Carbamothioic acid, O-(1-methylethyl) ester $$ Carbamic acid, thio-, O-isopropyl ester



Library Searched : C:\Database\wiley7n.l
Quality : 4
ID : 4,4-dimethyl-1,6,6-triphenylhex-4-en-3-one $$ 5-Hexen-3-one, 4,4-dimethyl-1,6,6-triphenyl- (CAS)