User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 13:42:52

Sample: AE06631
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/18/2002 13:41 Ended: 4/18/2002 13:41 Analyst: DLV
Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		.	
2	Surr_2,4-DDD		109	5.0

Comments for Sample AE06631 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-18-2002 Time: 13:42:55

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041502\6631.D Vial: 16
Acq On : 15 Apr 2002 10:23 pm Operator: Bohlk
Sample : SAMPLE 6631 3/20/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 17 18:19:20 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	443633	40.00	ug/L	0.00
10) Naphthalene-d8	12.88	136	1984516	40.00	ug/L	0.00
17) Acenaphthene-d10	17.99	164	1128344	40.00	ug/L	0.00
30) Phenanthrene-d10	22.34	188	1590535	40.00	ug/L	0.00
39) Chrysene-d12	30.14	240	1256488	40.00	ug/L	-0.01
45) Perylene-d12	34.01	264	776676	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)	27.28	235	129023	10.89	ug/L	0.01
Spiked Amount 10.000			Recovery = 108.90%			
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.		
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. 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	30.76	149	3099	0.10	ug/L	89
44) Chrysene	0.00	228	0	N.D. d		

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041502\6631.D Vial: 16
Acq On : 15 Apr 2002 10:23 pm Operator: Bohlk
Sample : SAMPLE 6631 3/20/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 17 18:19:20 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.	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

Data File : C:\MSDCHEM\1\DATA\041502\6631.D Vial: 16
Acq On : 15 Apr 2002 10:23 pm Operator: Bohlk
Sample : SAMPLE 6631 3/20/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
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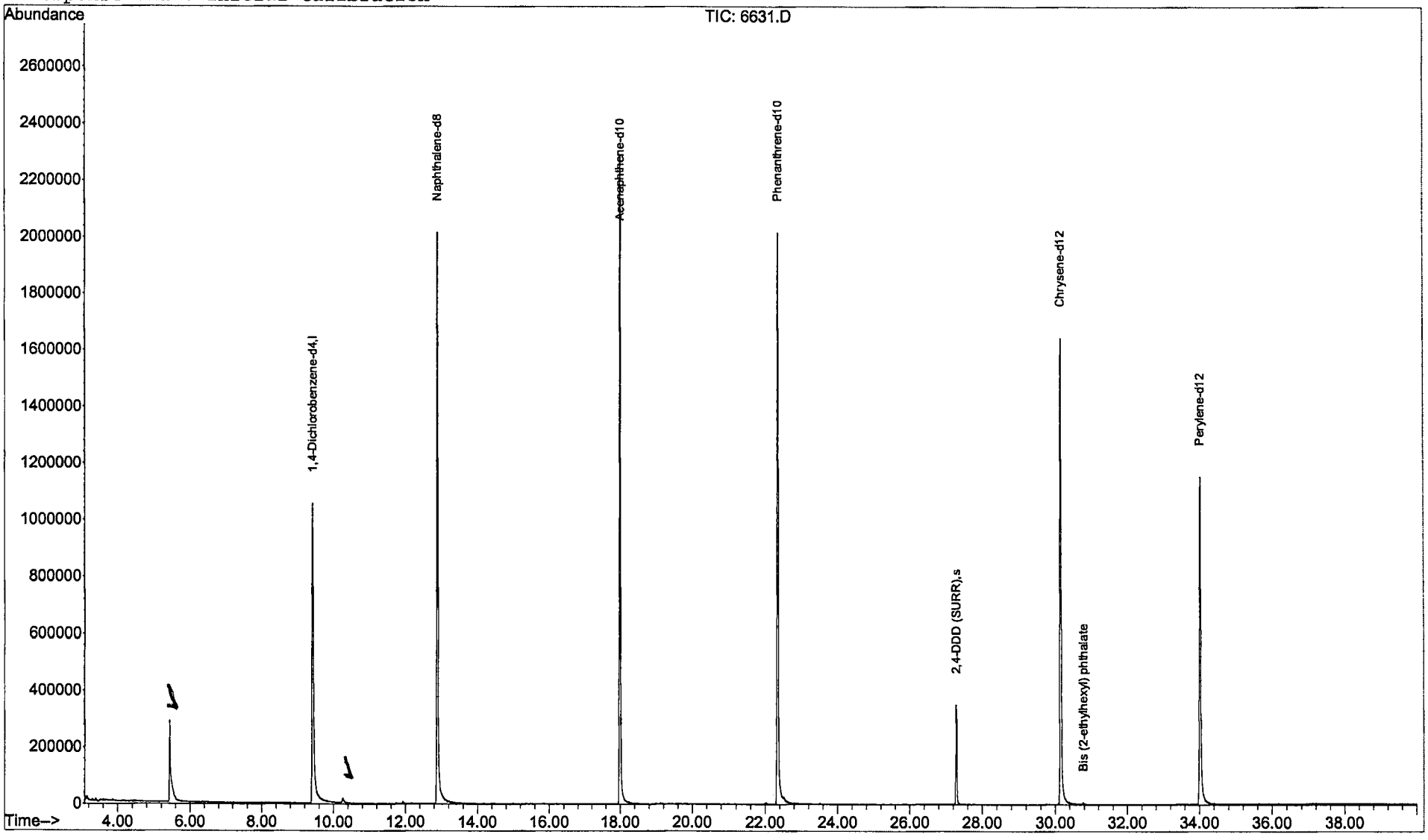
Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\041502\6631.D Vial: 16
Acq On : 15 Apr 2002 10:23 pm Operator: Bohlk
Sample : SAMPLE 6631 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

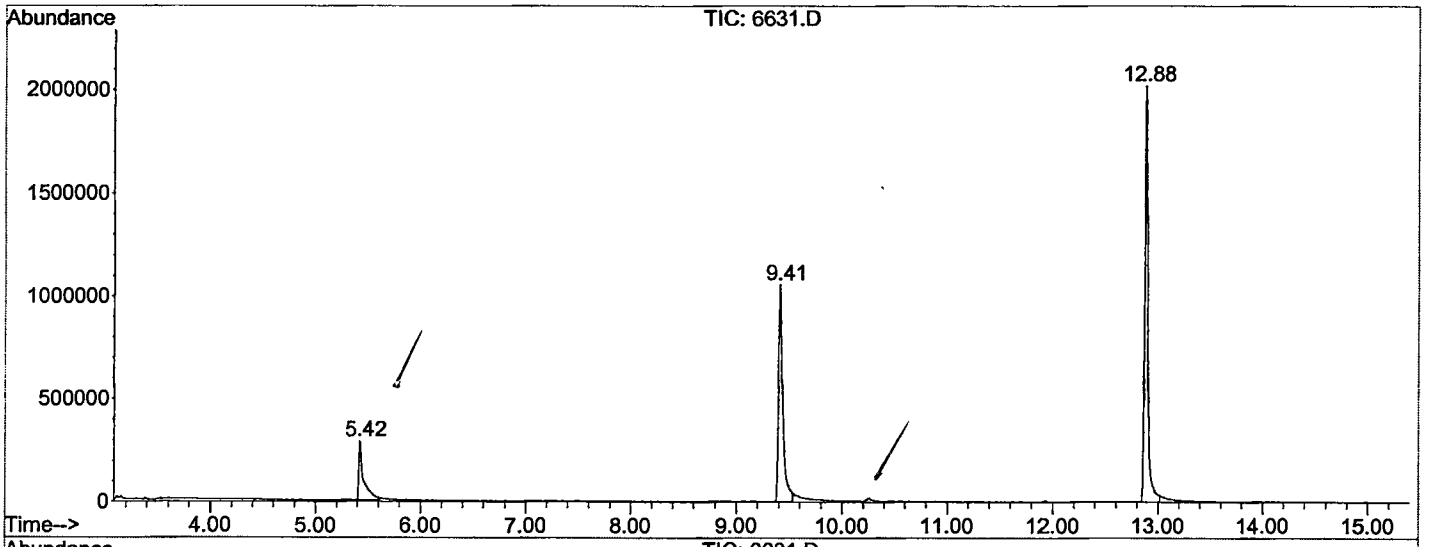
Signal : TIC

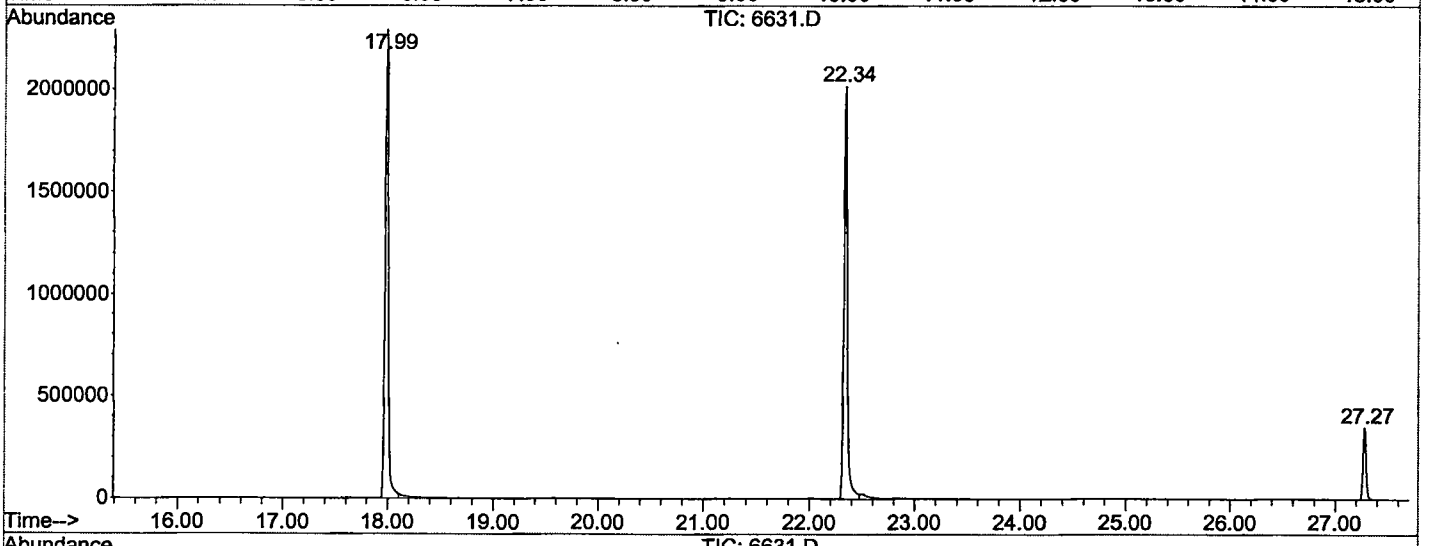
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.424	395	399	431	rBV	284771	858864	17.92%	3.440%
2	9.407	1071	1077	1098	rBV	1053935	2873372	59.96%	11.510%
3	12.880	1661	1668	1691	rBV	2015311	4333056	90.43%	17.357%
4	17.986	2529	2537	2557	rBV	2288151	4791816	100.00%	19.195%
5	22.339	3269	3278	3300	rBV2	2016036	4564563	95.26%	18.285%
6	27.275	4112	4118	4130	rBV	349323	674918	14.08%	2.704%
7	30.142	4596	4606	4638	rBV2	1642753	3998905	83.45%	16.019%
8	34.014	5255	5265	5288	rBV2	1151658	2868303	59.86%	11.490%

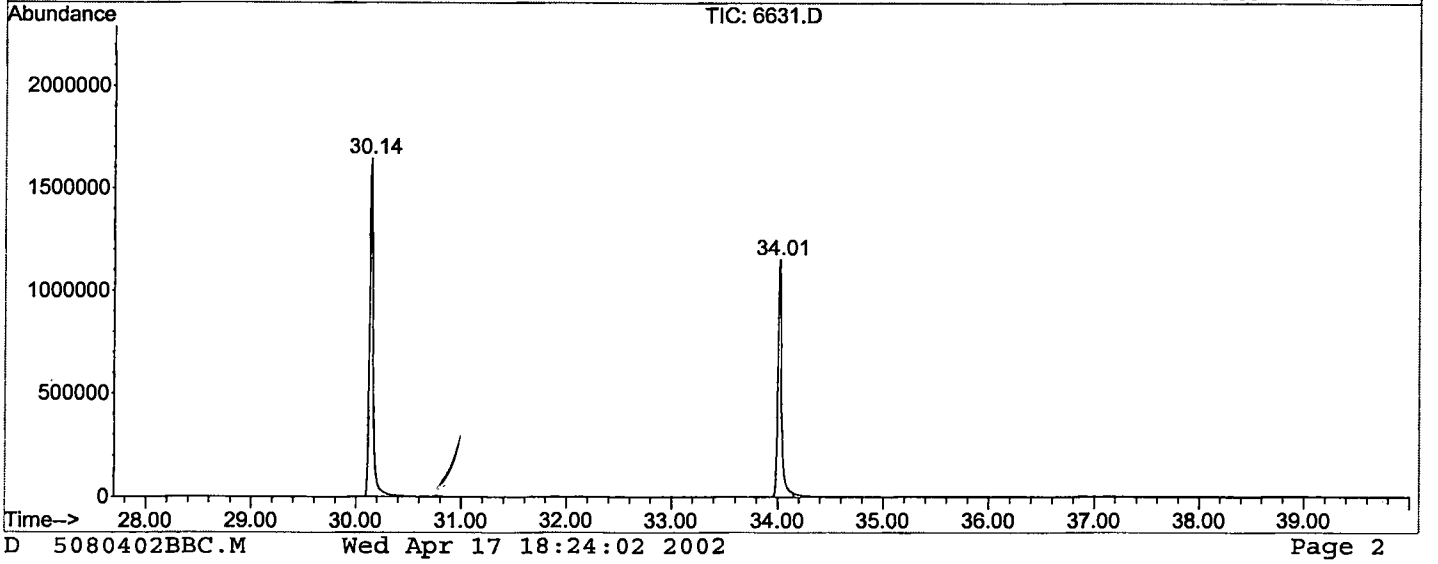
Sum of corrected areas: 24963797

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\041502\6631.D
Operator : Bohlk
Acquired : 15 Apr 2002 10:23 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 6631 3/20/02
Misc Info :
Vial Number: 16
Quant File :5080402BBC.RES (RTE Integrator)







Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\041502\6631.D Vial: 16
Acq On : 15 Apr 2002 10:23 pm Operator: Bohlk
Sample : SAMPLE 6631 3/20/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

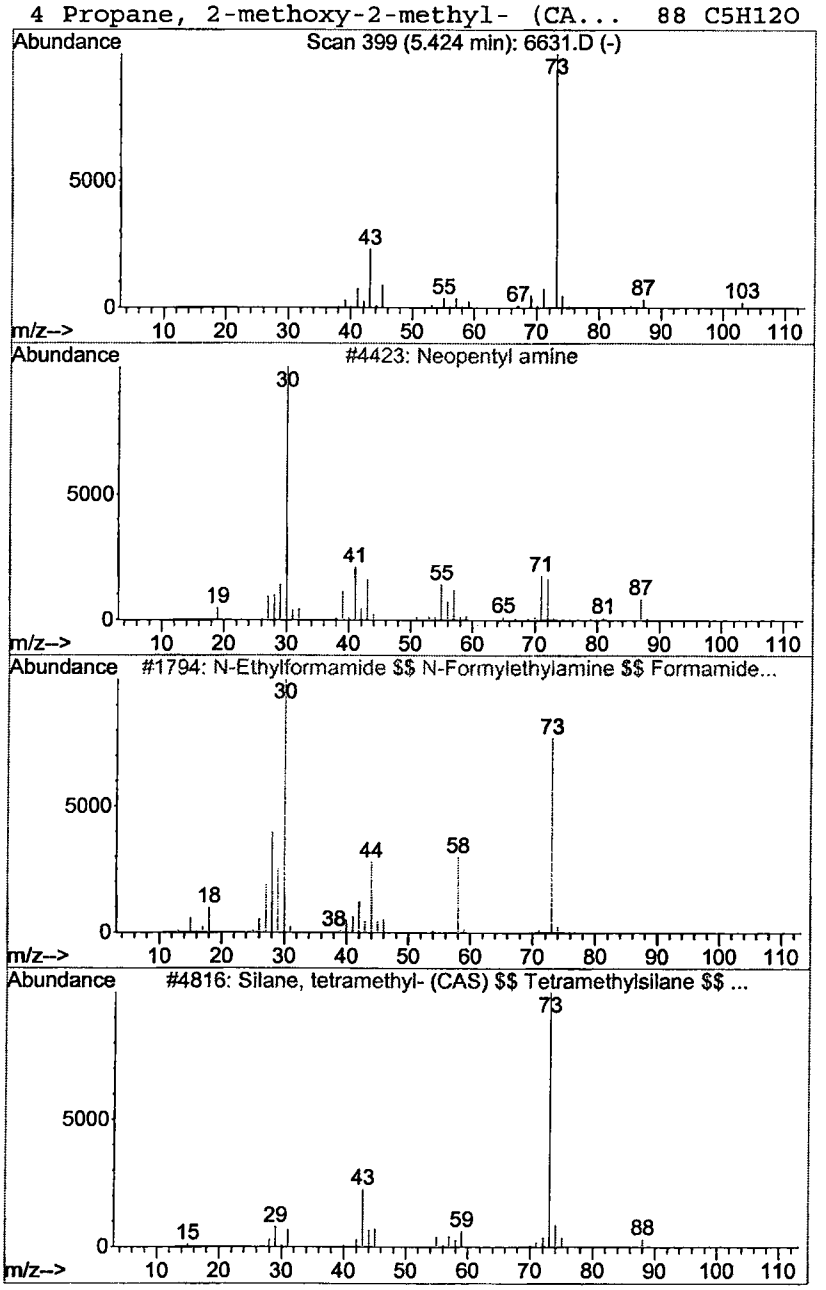
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

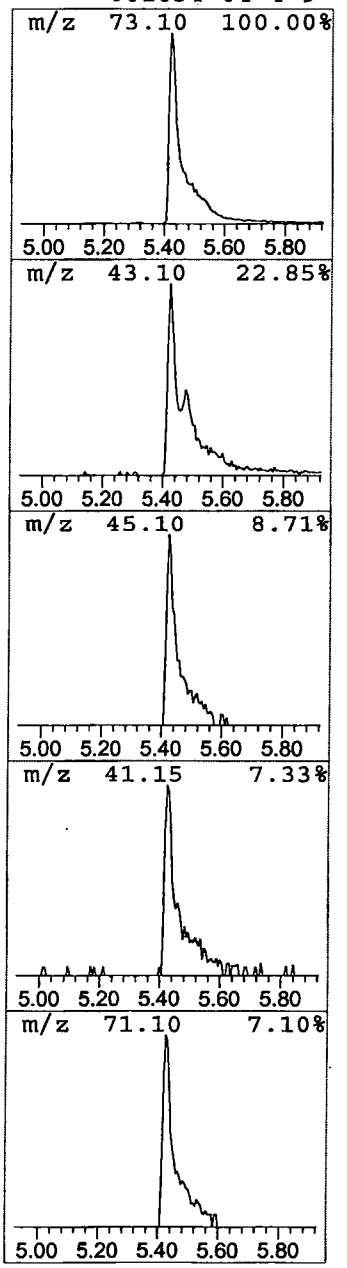
****

Peak Number 1 Neopentyl amine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	11.96 ug/L	858864	1,4-Dichlorobenzene-d4	9.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentyl amine	87	C5H13N	000000-00-0	9
2	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9
3	Silane, tetramethyl- (CAS) $$ Te...	88	C4H12Si	000075-76-3	9
4	Propane, 2-methoxy-2-methyl- (CA...	88	C5H12O	001634-04-4	9



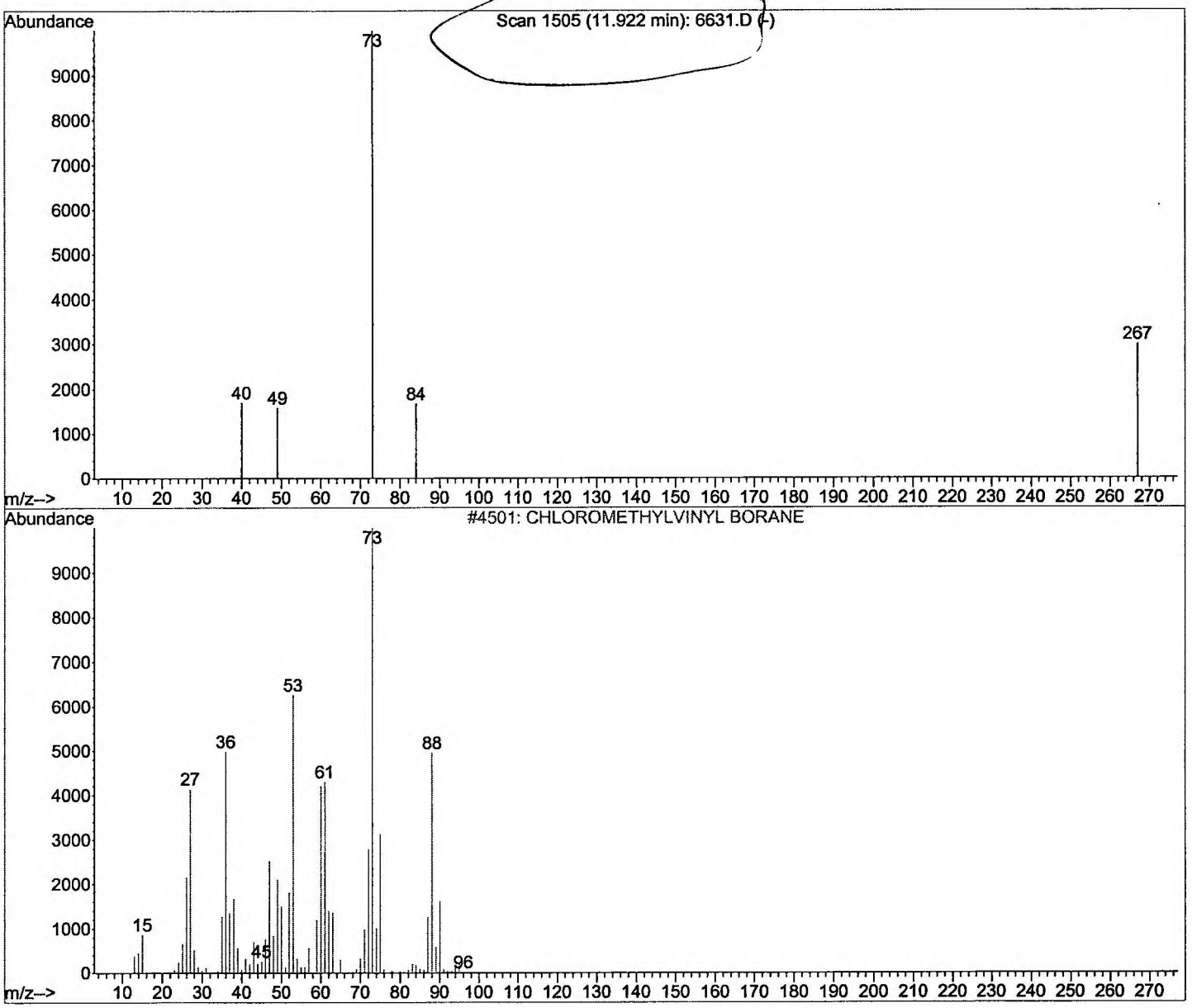


Tentatively Identified Compound (LSC) summary

Operator ID: Bohlk Date Acquired: 15 Apr 2002 10:23 pm
Data File: C:\MSDCHEM\1\DATA\041502\6631.D
Name: SAMPLE 6631 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
Neopentyl amine	5.42	12.0	ug/L	858864	1	9.41	2873370	40.0

Library Searched : C:\Database\wiley7n.l
Quality : 2
ID : CHLOROMETHYLVINYL BORANE



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Library Searched : C:\Database\wiley7n.l
Quality          : 2
ID               : 1-Propanamine, 2-methyl- (CAS) $$ iso-Butylamine $$ Valamine $$ i-Buty
                   lamine $$ Isobutylamine $$ Monoisobutylamine $$ 2-Methylpropylamine $$
                    3-Methyl-2-propylamine $$ 1-Amino-2-methylpropane $$ N-iso-butylamine
                    $$ N-(1-methylpropyl)amine $$ iso-C4H9NH2 $$
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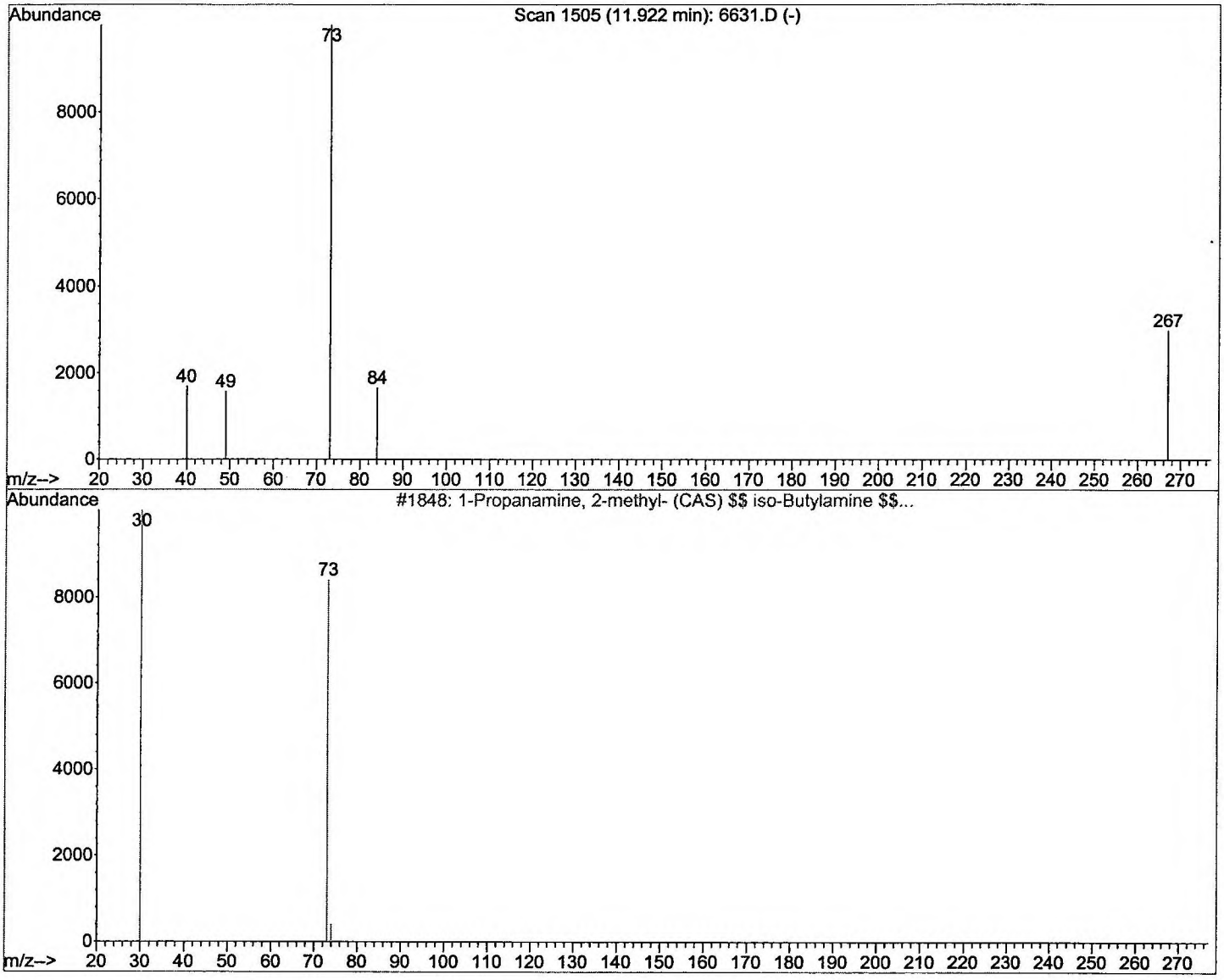
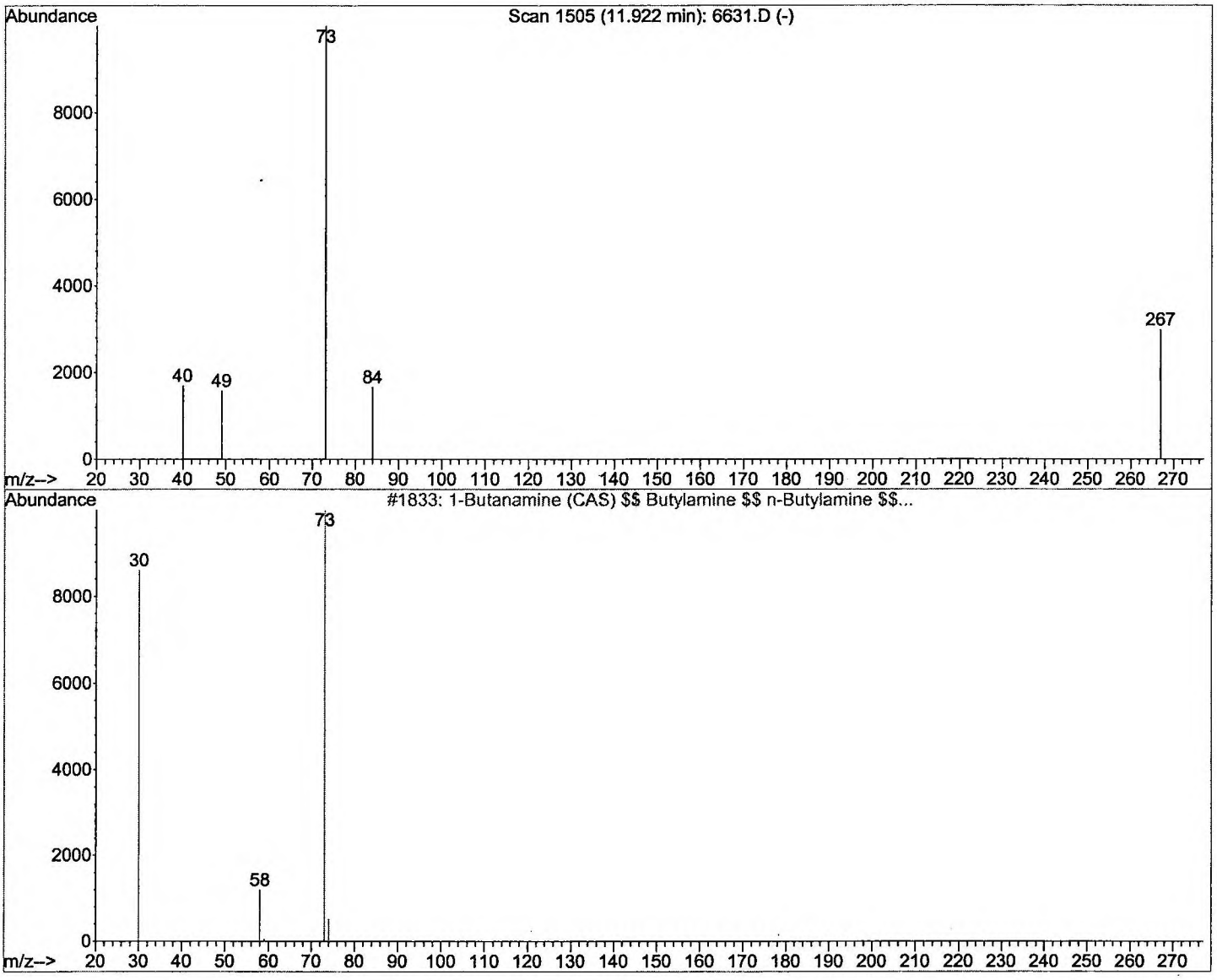


Library Searched : C:\Database\wiley7n.l
Quality : 2
ID : 1-Butanamine (CAS) $$ Butylamine $$ n-Butylamine $$ Norvalamine $$ 1-Aminobutane $$ Monobutylamine $$ Mono-n-butylamine $$ N-n-butylamine $$ 1-Butylamine $$ n-C4H9NH2 $$ Butylamine, n $$ N-Butylamin $$ 1-Aminobutaan $$ 1-Aminobutan $$ 1-Butanaminen-butil



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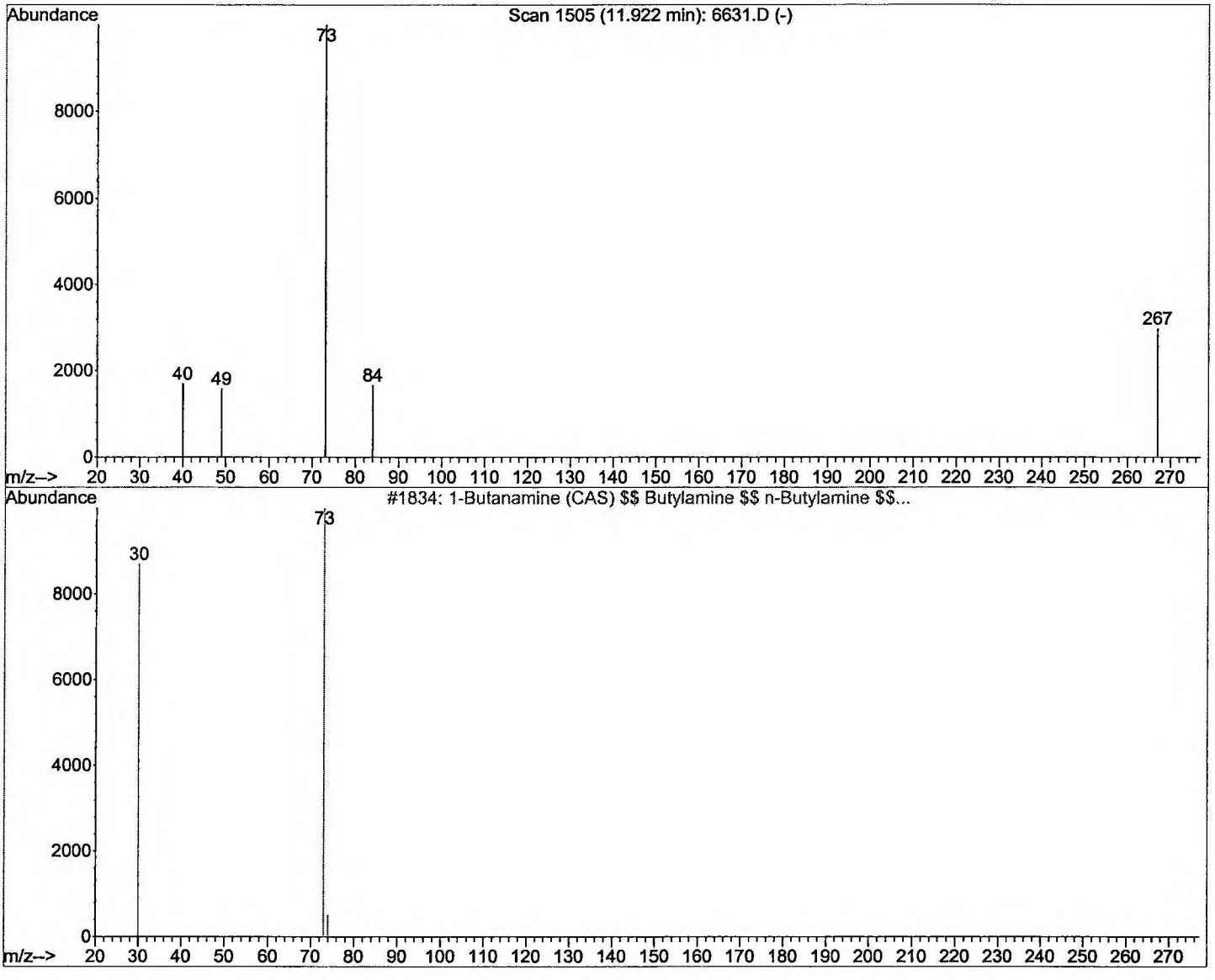
Quality : 2
ID : 1-Butanamine (CAS) $$ Butylamine $$ n-Butylamine $$ Norvalamine $$ 1-Aminobutane $$ Monobutylamine $$ Mono-n-butylamine $$ N-n-butylamine $$ 1-Butylamine $$ n-C4H9NH2 $$ Butylamine, n $$ N-Butylamin $$ 1-Aminobutaan $$ 1-Aminobutan $$ 1-Butanaminen-butil



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Library Searched : C:\Database\wiley7n.l
Quality          : 2
ID               : 1-Butanamine (CAS) $$ Butylamine $$ n-Butylamine $$ Norvalamine $$ 1-A
                   minobutane $$ Monobutylamine $$ Mono-n-butylamine $$ N-n-butylamine $$
                    1-Butylamine $$ n-C4H9NH2 $$ Butylamine, n $$ N-Butylamin $$ 1-Amino-
                   butaan $$ 1-Aminobutan $$ 1-Butanaminen-butil
```