User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/25/2002 Time: 12:12:36

Sample: AE07174
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/25/02 12:12 Ended: 4/25/02 12:12 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		112		10.0

Comments for Sample AE07174 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-25-2002 Time: 12:13:01

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\041802\7174B.D Vial: 11
Acq On : 18 Apr 2002 4:56 pm Operator: Bohlk
Sample : SAMPLE 7174 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 24 08:36:40 2002 Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Apr 24 08:08:47 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	563151	40.00	ug/L	0.00
10) Naphthalene-d8	12.89	136	2475588	40.00	ug/L	0.00
17) Acenaphthene-d10	17.99	164	1376467	40.00	ug/L	0.00
30) Phenanthrene-d10	22.35	188	1974046	40.00	ug/L	0.00
39) Chrysene-d12	30.15	240	1624827	40.00	ug/L	0.00
45) Perylene-d12	34.02	264	992679	40.00	ug/L	0.00
System Monitoring Compounds						
28) TCMX (SURR)	19.95	244	24717	4.50	ug/L	0.00
Spiked Amount 4.000			Recovery = 112.50%			
38) 2,4-DDD (SURR)	0.00	235	0	0.00	ug/L	
Spiked Amount 10.000			Recovery = 0.00%			
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	30.77	149	121051	3.01	ug/L	97
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\041802\7174B.D Vial: 11
Acq On : 18 Apr 2002 4:56 pm Operator: Bohlk
Sample : SAMPLE 7174 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 24 08:36:40 2002 Quant Results File: 5080402BBC.RES

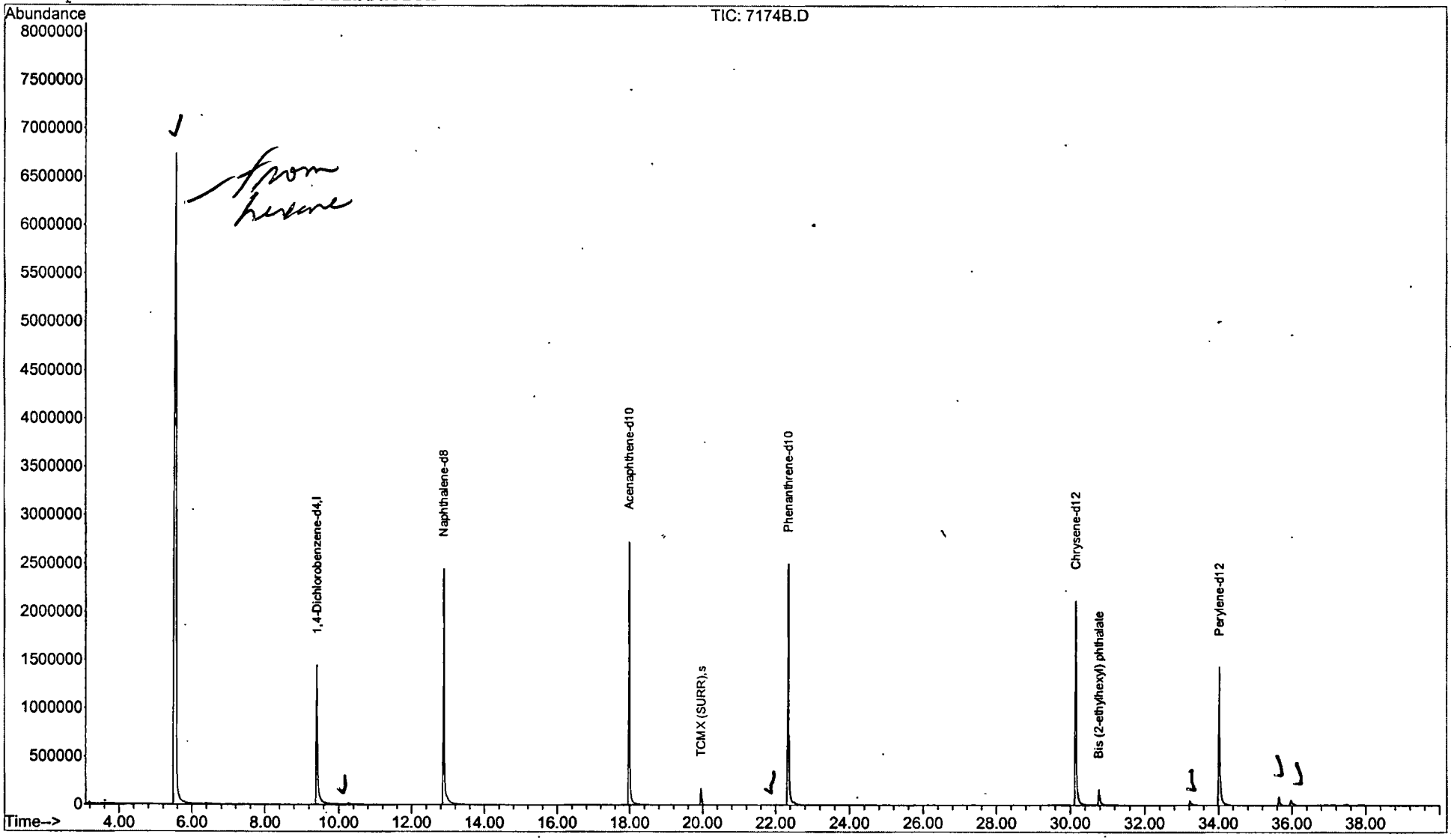
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Apr 24 08:08:47 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

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\041802\7174B.D Vial: 11
Acq On : 18 Apr 2002 4:56 pm Operator: Bohlk
Sample : SAMPLE 7174 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 24 8:37 2002 Quant Results File: 5080402BBC.RES

Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Apr 24 08:08:47 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\041802\7174B.D Vial: 11
Acq On : 18 Apr 2002 4:56 pm Operator: Bohlk
Sample : SAMPLE 7174 3/27/02 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

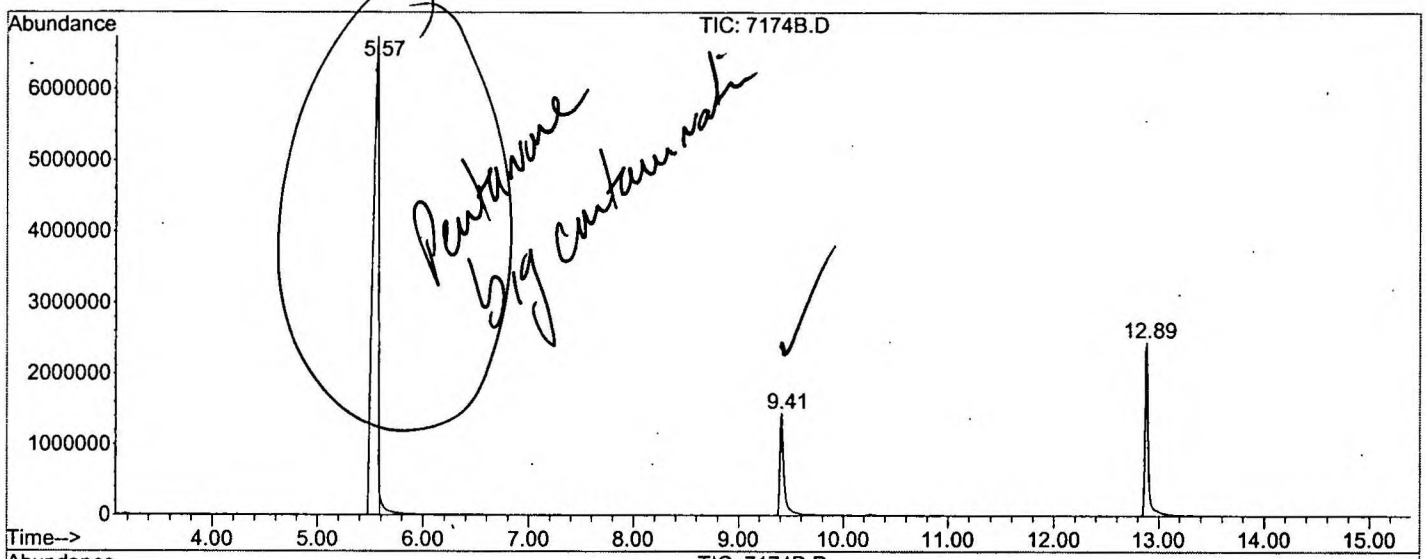
Signal : TIC

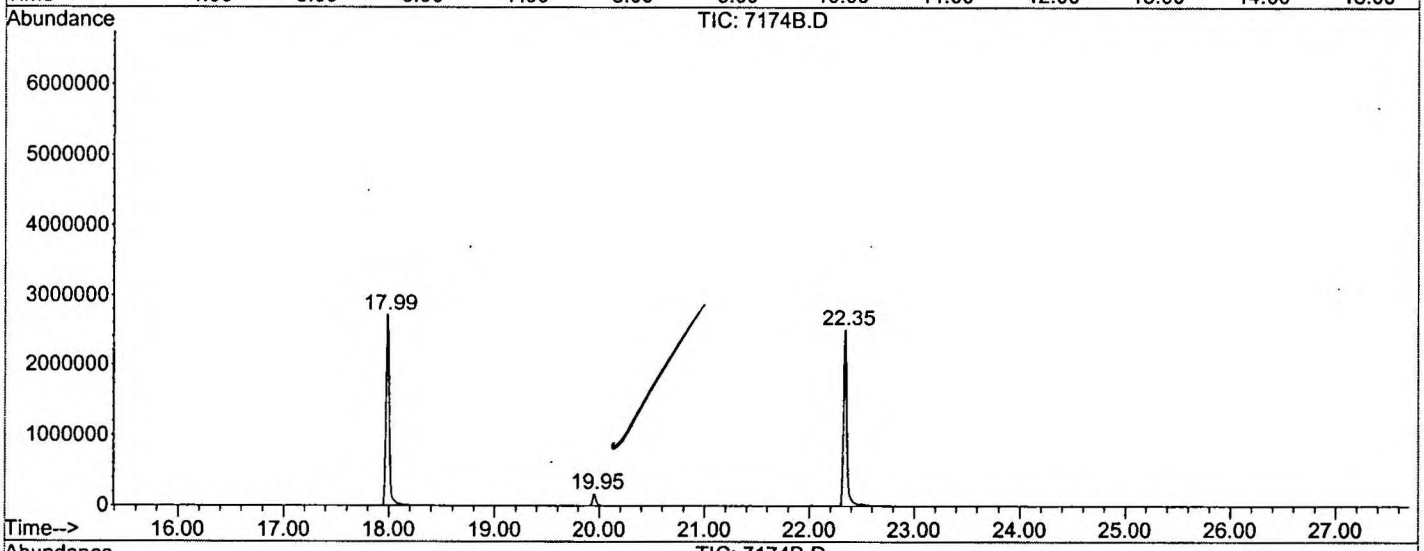
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.570	407	424	427	rBV	6732207	24784040	100.00%	44.667%
2	9.413	1071	1078	1112	rBV	1443097	3808836	15.37%	6.865%
3	12.886	1661	1669	1708	rBV	2446574	5570021	22.47%	10.039%
4	17.986	2529	2537	2563	rBV	2721576	5899414	23.80%	10.632%
5	19.954	2865	2872	2885	rBV2	168888	374435	1.51%	0.675%
6	22.345	3269	3279	3301	rBV2	2500169	5700993	23.00%	10.275%
7	30.148	4597	4607	4625	rBV2	2119350	5131602	20.71%	9.248%
8	30.771	4702	4713	4732	rBV	162836	497555	2.01%	0.897%
9	34.020	5256	5266	5289	rBV2	1434590	3718948	15.01%	6.703%

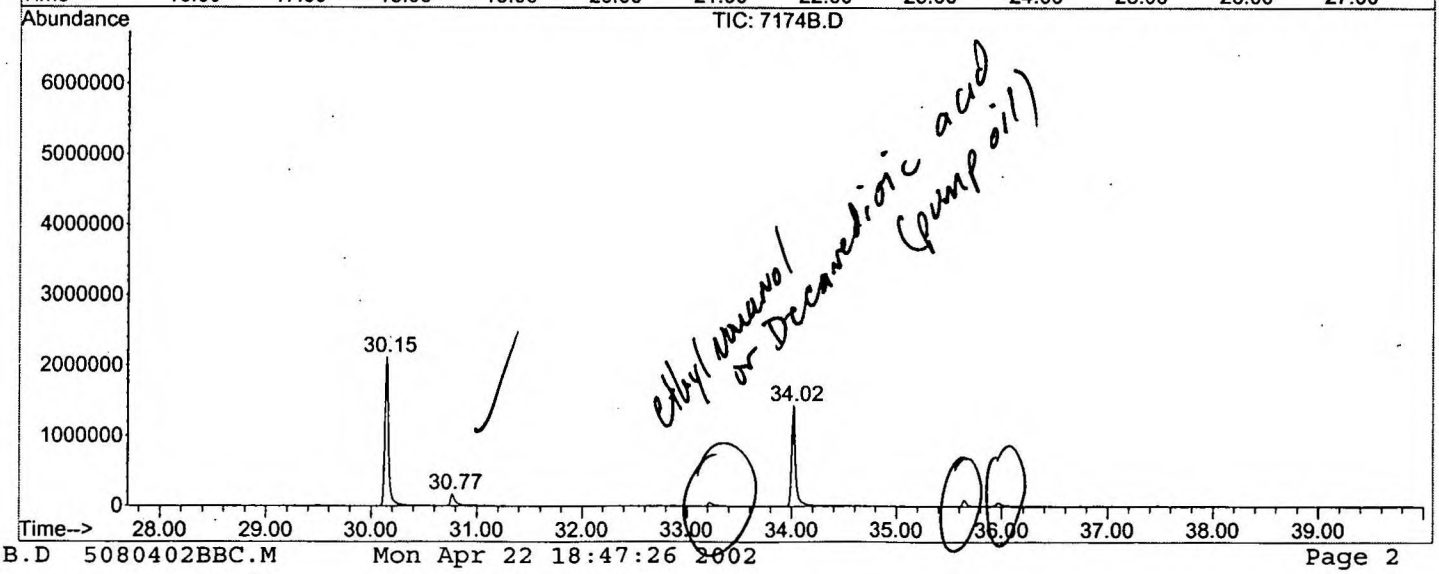
Sum of corrected areas: 55485844

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\041802\7174B.D
Operator : Bohlk
Acquired : 18 Apr 2002 4:56 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 7174 3/27/02
Misc Info :
Vial Number: 11
Quant File :5080402BBC.RES (RTE Integrator)







Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\041802\7174B.D Vial: 11
Acq On : 18 Apr 2002 4:56 pm Operator: Bohlk
Sample : SAMPLE 7174 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

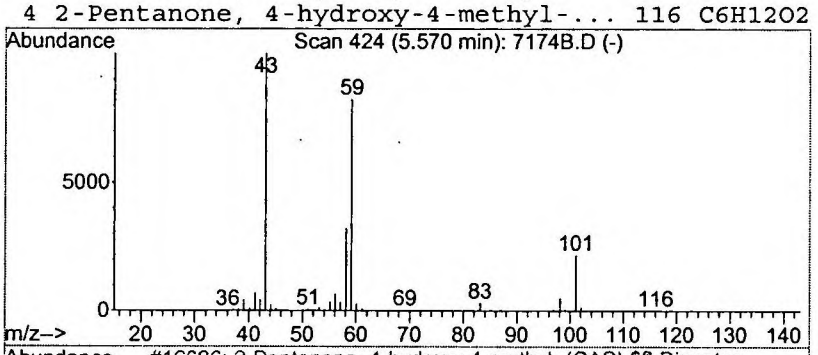
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

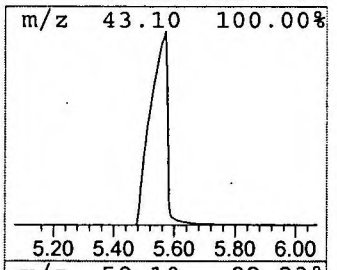
****

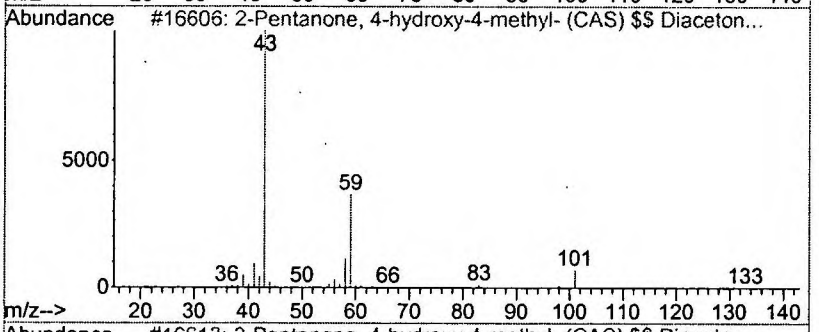
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

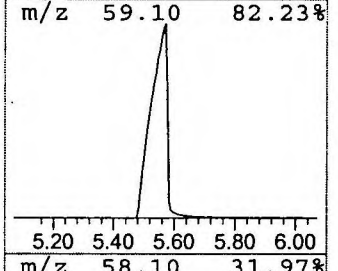
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	260.28 ug/L	24784000	1,4-Dichlorobenzene-d4	9.41

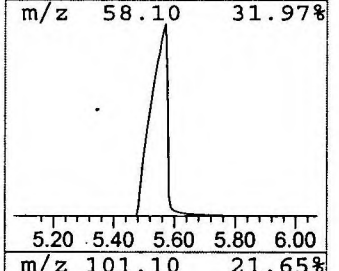
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	83
2	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	78
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
4	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	74

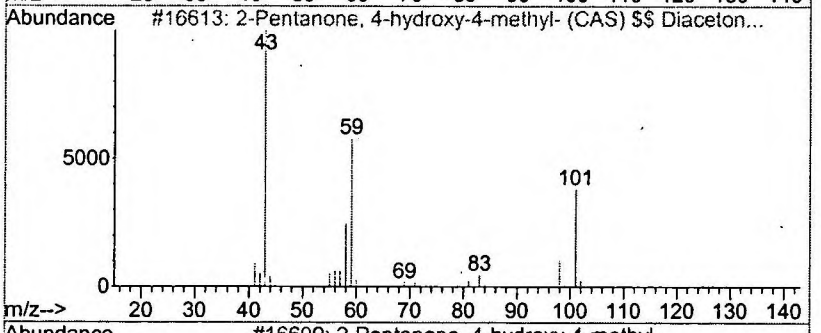


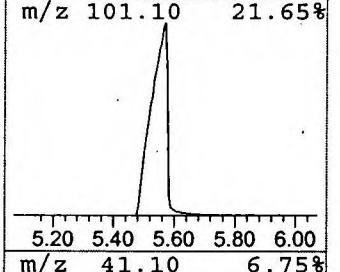


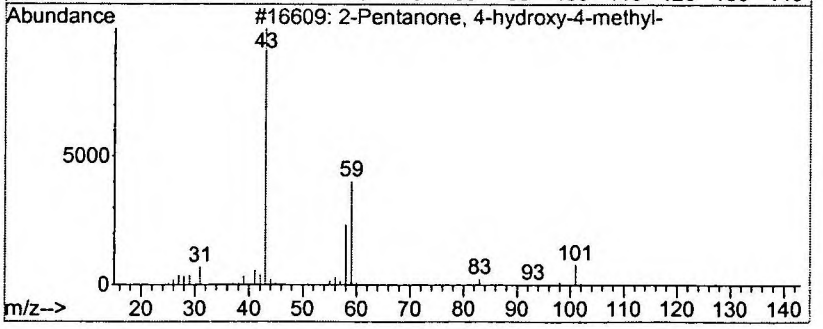


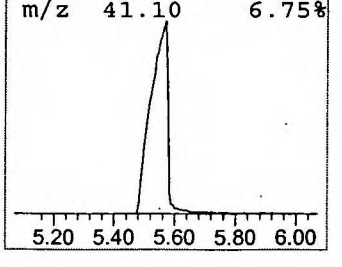










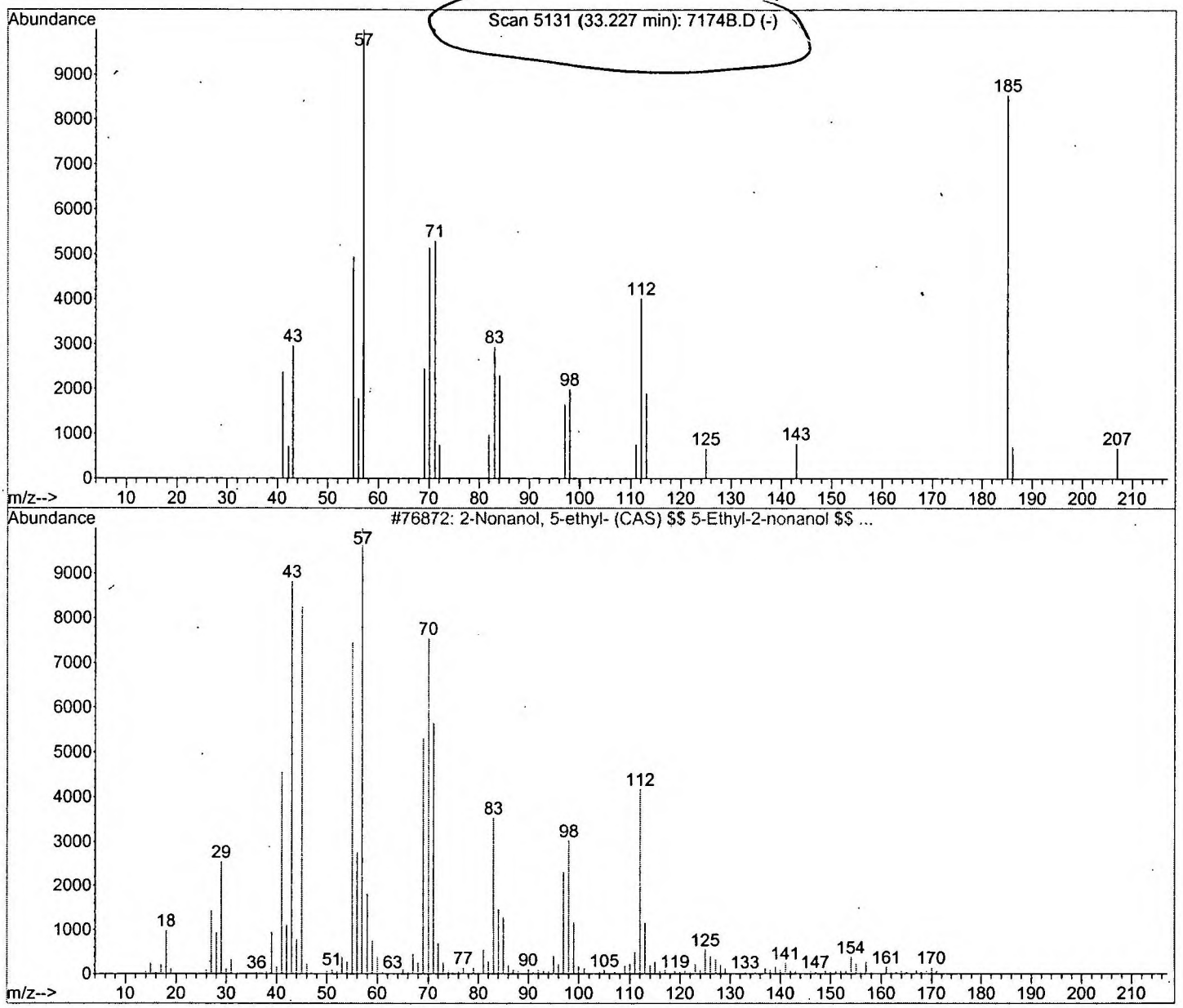


Tentatively Identified Compound (LSC) summary

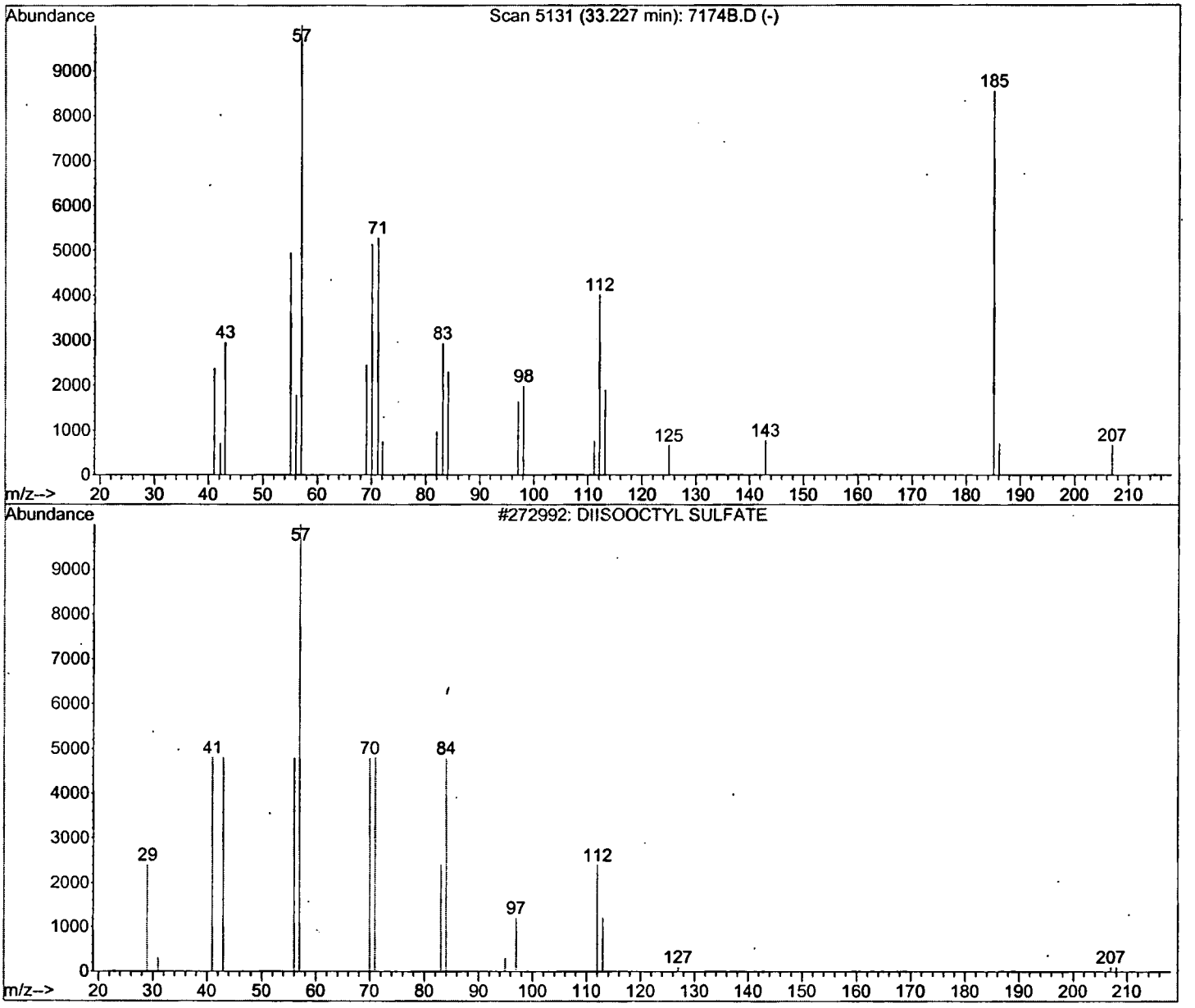
Operator ID: Bohlk Date Acquired: 18 Apr 2002 4:56 pm
Data File: C:\MSDCHEM\1\DATA\041802\7174B.D
Name: SAMPLE 7174 3/27/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.57	260.3	ug/L	24784000	1	9.41	3808840	40.0

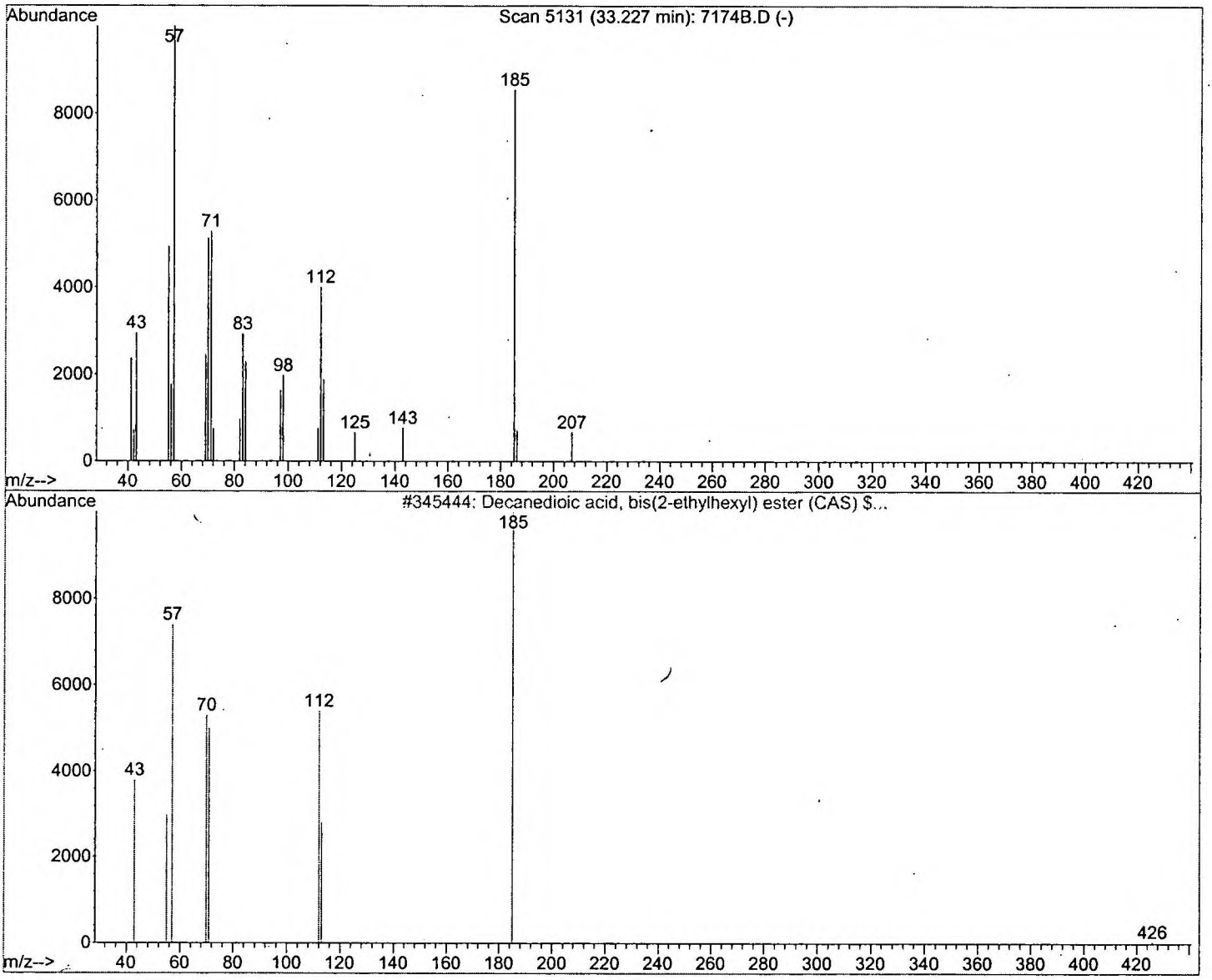
Library Searched : C:\database\wiley7n.l
Quality : 50
ID : 2-Nonanol, 5-ethyl- (CAS) $$ 5-Ethyl-2-nonanol $$ (3-Ethyl-n-heptyl)methylcarbinol



Library Searched : C:\database\wiley7n.l
Quality : 43
ID : DIISOOCTYL SULFATE



Library Searched : C:\database\wiley7n.l
Quality : 42
ID : Decanedioic acid, bis(2-ethylhexyl) ester (CAS) $$ Bis(2-ethylhexyl) sebacate $$ Dos $$ Px 438 $$ Plexol $$ Bisoflex $$ Octoil s $$ Edenol 888 $$ Plexol 201j $$ Staflex dos $$ Reolube dos $$ Monoplex dos $$ Bisoflex dos $$ Dioctyl sebacate $$ Bis(ethylhex



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Library Searched : C:\database\wiley7n.l
Quality          : 50
ID               : Dihydrocholesterol $$ Cholestan-3-ol, (3.beta.,5.alpha.)- (CAS) $$ Cho
                   lestan-3.beta.-ol $$ Zymostanol $$ Cholestanol $$ .beta.-Cholestanol $
                   $ Dihydrocholesterin $$ 3.beta.-Hydroxycholestane $$ 5.alpha.-Cholesta
                   nol $$ 5.alpha.-Dihydrocholesterol $$ 5.alpha
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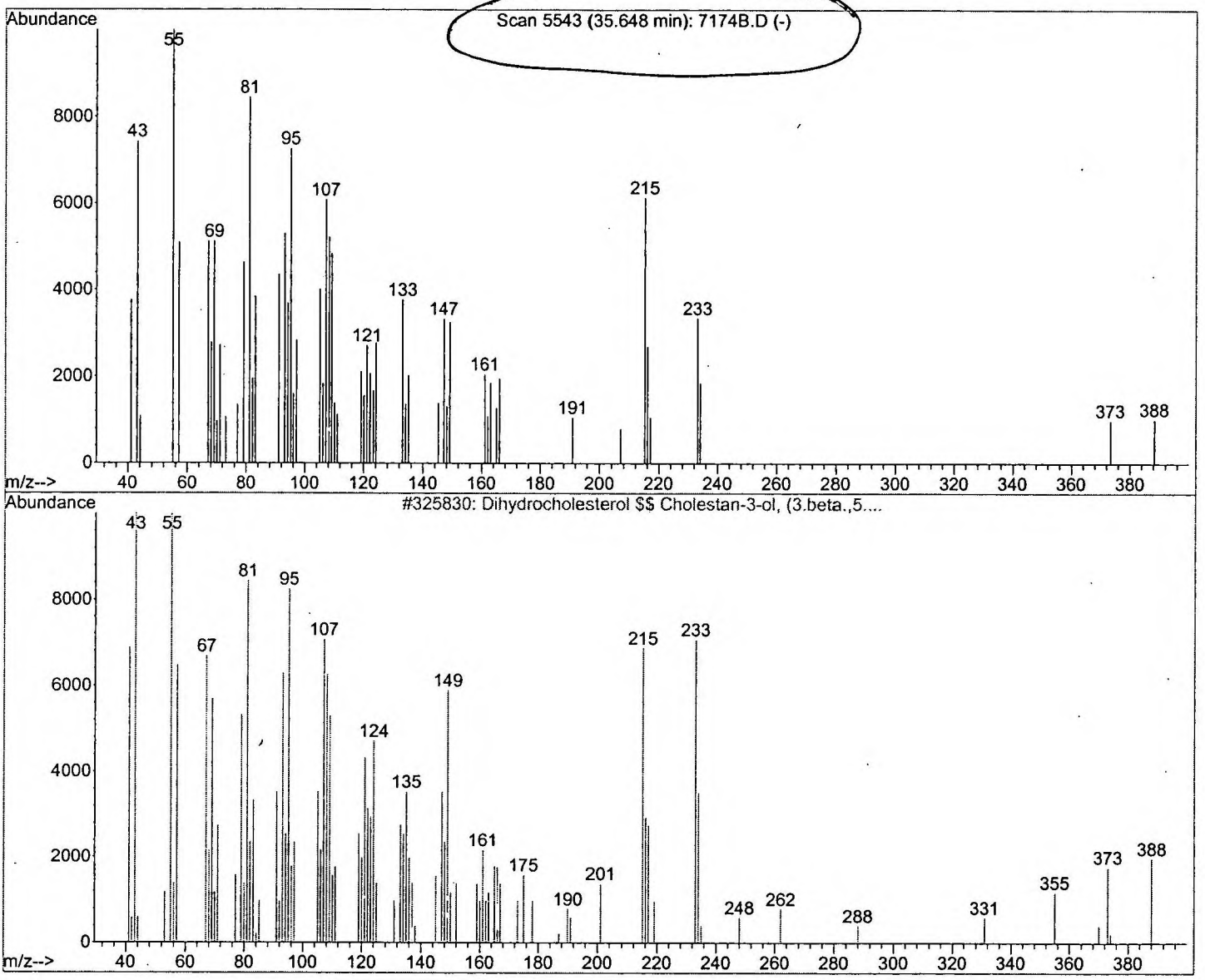

Library Searched : C:\Database\wiley7n.l
Quality : 49
ID : 7-Pentadecyne