User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/16/2002 Time: 15:52:58

Sample: AE07116
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/16/02 15:52 Ended: 4/16/02 15:52 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		75		5.0

Comments for Sample AE07116 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-16-2002 Time: 15:53:30

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 2 of the 43 compounds in the LCS Standard were high.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041002\7116.D Vial: 23
Acq On : 11 Apr 2002 8:04 am Operator: Bohlk
Sample : SAMPLE 7116 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 15 18:20:20 2002 Quant Results File: 5080402BB.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 15 15:56:12 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	543442	40.00	ug/L	0.00
10) Naphthalene-d8	12.88	136	2447250	40.00	ug/L	-0.01
17) Acenaphthene-d10	17.99	164	1379328	40.00	ug/L	-0.01
30) Phenanthrene-d10	22.34	188	1959507	40.00	ug/L	-0.01
39) Chrysene-d12	30.14	240	1599028	40.00	ug/L	-0.02
45) Perylene-d12	34.01	264	1050286	40.00	ug/L	-0.01
System Monitoring Compounds						
28) TCMX (SURR)	19.95	244	21957	7.52	ug/L	0.00
Spiked Amount 10.000			Recovery = 75.20%			
38) 2,4-DDD (SURR)	0.00	235	0	0.00	ug/L	
Spiked Amount 5.000			Recovery = 0.00%			
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	30.76	149	110108	3.83	ug/L	95
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\041002\7116.D Vial: 23
Acq On : 11 Apr 2002 8:04 am Operator: Bohlk
Sample : SAMPLE 7116 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 15 18:20:20 2002 Quant Results File: 5080402BB.RES

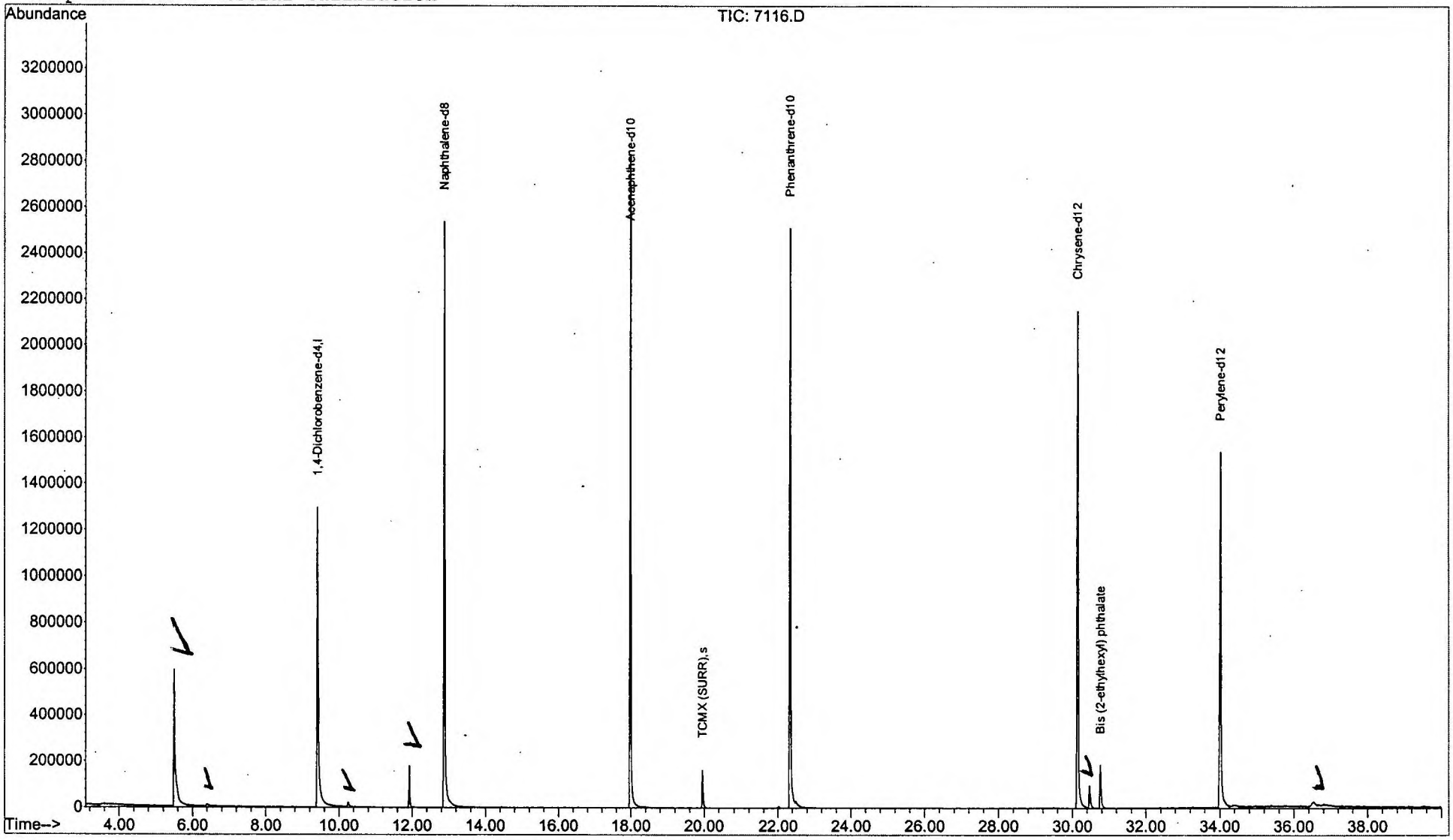
Quant Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 15 15:56:12 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

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\041002\7116.D Vial: 23
Acq On : 11 Apr 2002 8:04 am Operator: Bohlk
Sample : SAMPLE 7116 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 15 18:21 2002 Quant Results File: 5080402BB.RES

Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 15 15:56:12 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\041002\7116.D Vial: 23
Acq On : 11 Apr 2002 8:04 am Operator: Bohlk
Sample : SAMPLE 7116 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080402BB.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	5.494	407	411	440	rBV	593055	1565387	26.66%	4.859%
2	9.407	1071	1077	1110	rBV	1294394	3597825	61.28%	11.167%
3	11.922	1499	1505	1516	rBV2	179046	326014	5.55%	1.012%
4	12.880	1661	1668	1693	rBV	2537991	5326028	90.71%	16.531%
5	17.985	2528	2537	2558	rBV	2826695	5871404	100.00%	18.224%
6	19.948	2864	2871	2882	rBV2	162487	336540	5.73%	1.045%
7	22.339	3269	3278	3296	rBV2	2512325	5607121	95.50%	17.403%
8	30.142	4595	4606	4627	rBV2	2152583	5031569	85.70%	15.617%
9	30.465	4654	4661	4672	rBV3	95586	237516	4.05%	0.737%
10	30.765	4704	4712	4725	rBV	185019	446843	7.61%	1.387%
11	34.014	5255	5265	5282	rBV3	1536812	3872373	65.95%	12.019%

Sum of corrected areas: 32218620

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\041002\7116.D
Operator : Bohlk
Acquired : 11 Apr 2002 8:04 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 7116 3/27/02
Misc Info :
Vial Number: 23
Quant File :5080402BB.RES (RTE Integrator)

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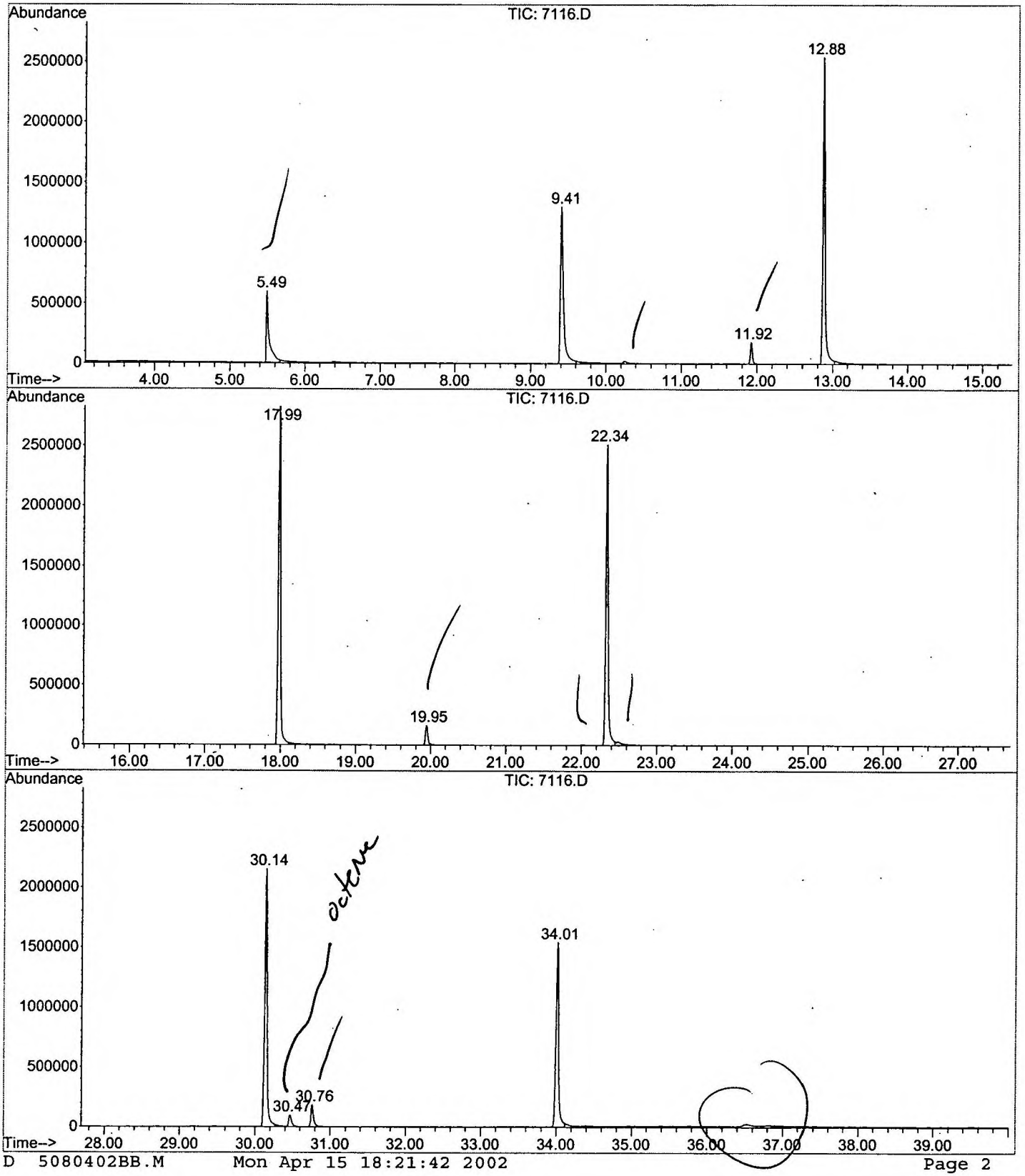


Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\041002\7116.D Vial: 23
Acq On : 11 Apr 2002 8:04 am Operator: Bohlk
Sample : SAMPLE 7116 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

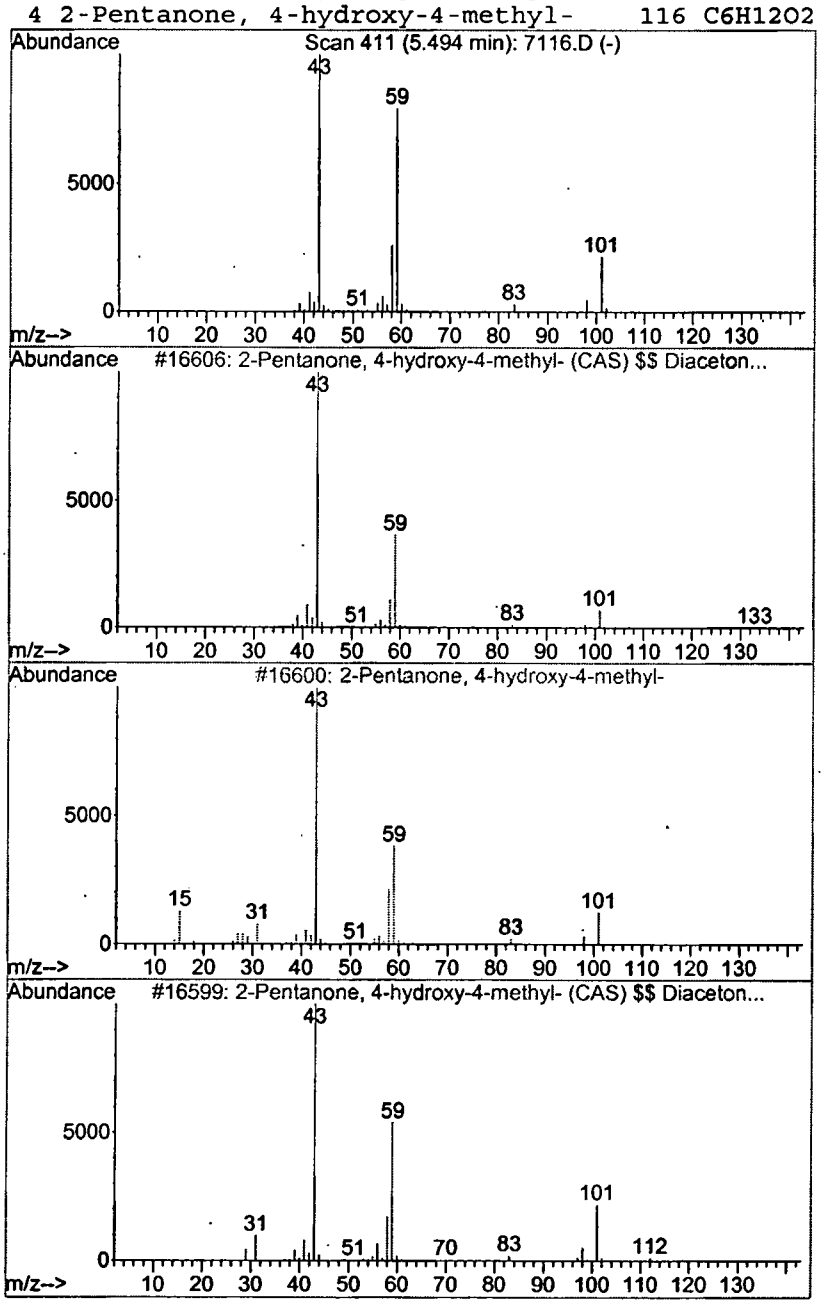
Quant Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

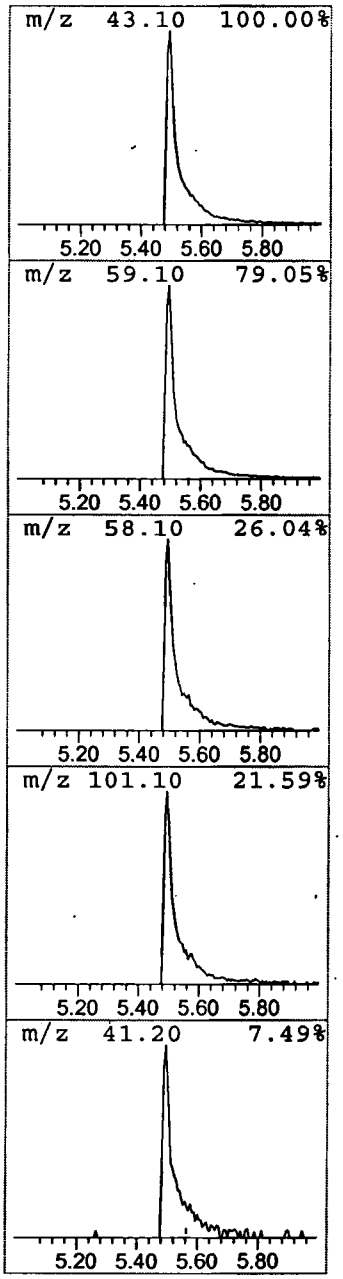
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.49	17.40 ug/L	1565390	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	53
3	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	50
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\041002\7116.D Vial: 23
Acq On : 11 Apr 2002 8:04 am Operator: Bohlk
Sample : SAMPLE 7116 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

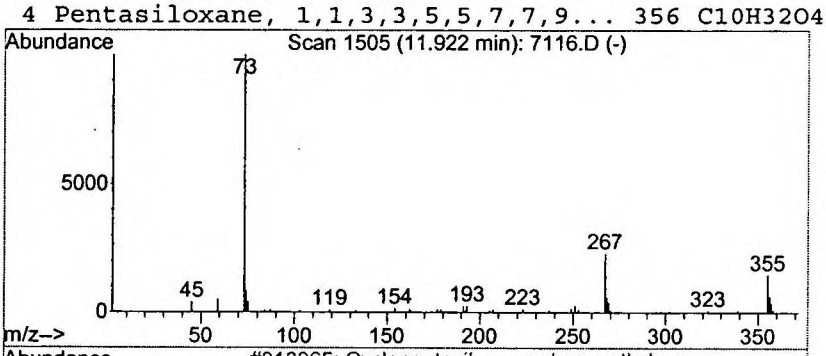
Quant Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

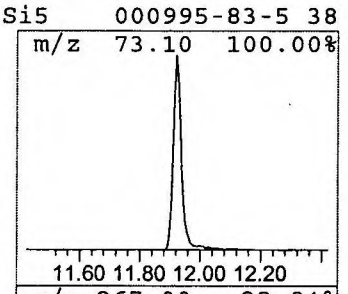
****

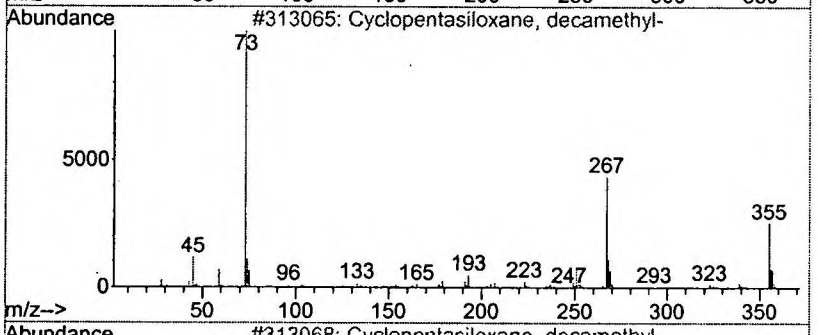
Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 2

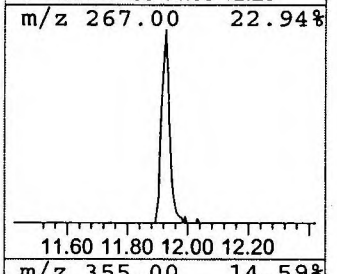
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.45 ug/L	326014	Naphthalene-d8	12.88

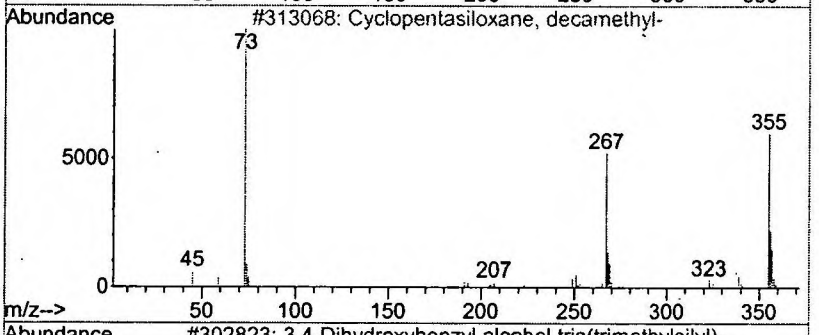
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	80
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	45
3	3,4-Dihydroxybenzyl alcohol,tris...	356	C16H32O3Si3	068595-79-9	38
4	Pentasiloxane, 1,1,3,3,5,5,7,7,9...	356	C10H32O4Si5	000995-83-5	38

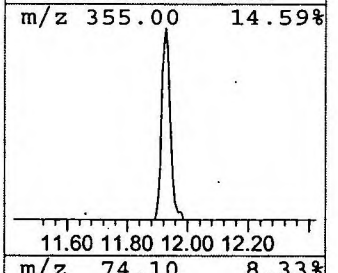


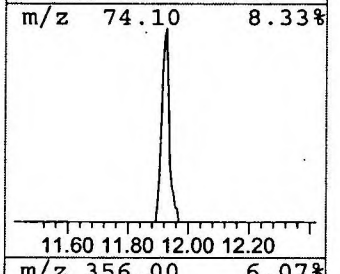


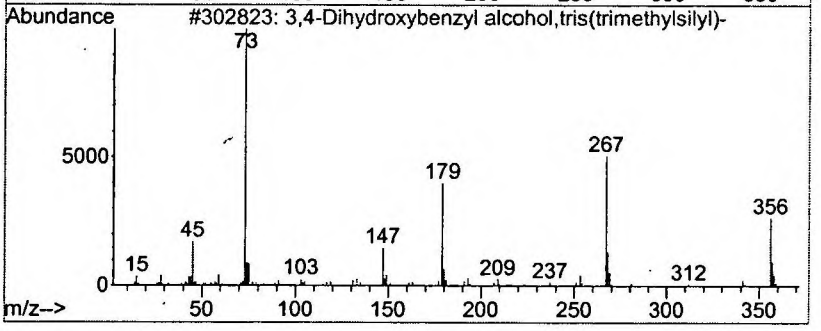


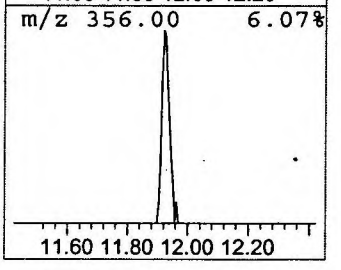












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\041002\7116.D Vial: 23
Acq On : 11 Apr 2002 8:04 am Operator: Bohlk
Sample : SAMPLE 7116 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

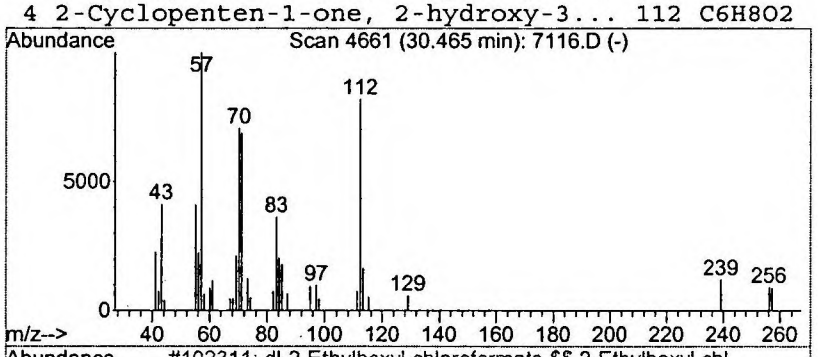
Quant Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

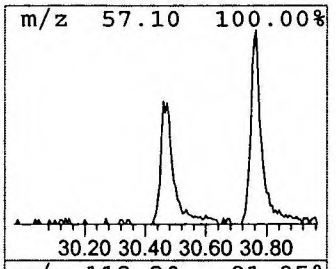
****

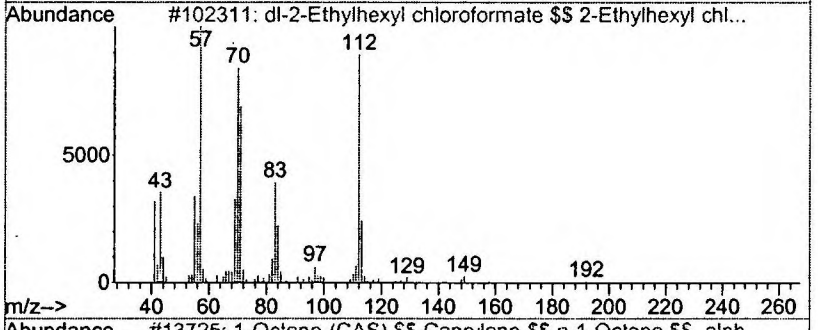
Peak Number 3 dl-2-Ethylhexyl chloroforma... Concentration Rank 3

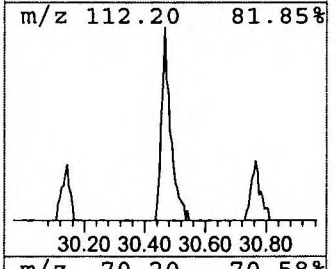
R.T.	EstConc	Area	Relative to ISTD	R.T.
30.47	1.89 ug/L	237516	Chrysene-d12	30.14

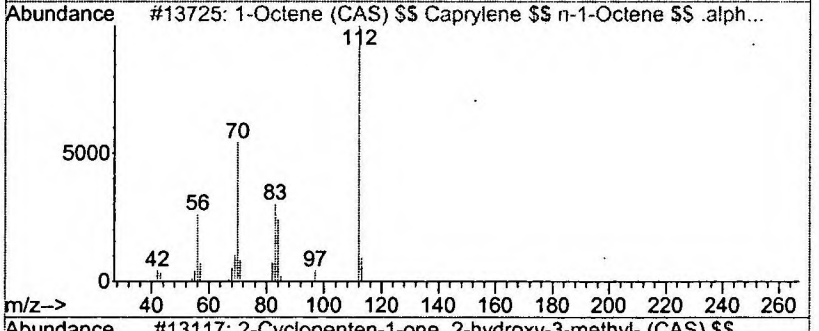
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-2-Ethylhexyl chloroformate $$...	192	C9H17ClO2	024468-13-1	80
2	1-Octene (CAS) $$ Caprylene $$ n...	112	C8H16	000111-66-0	58
3	2-Cyclopenten-1-one, 2-hydroxy-3...	112	C6H8O2	000080-71-7	43
4	2-Cyclopenten-1-one, 2-hydroxy-3...	112	C6H8O2	000080-71-7	43

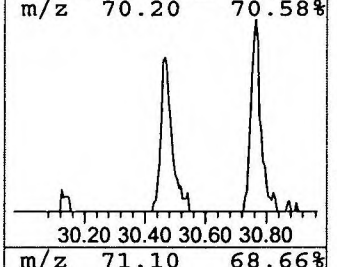


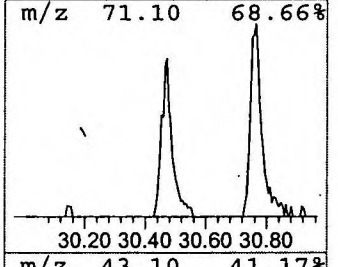


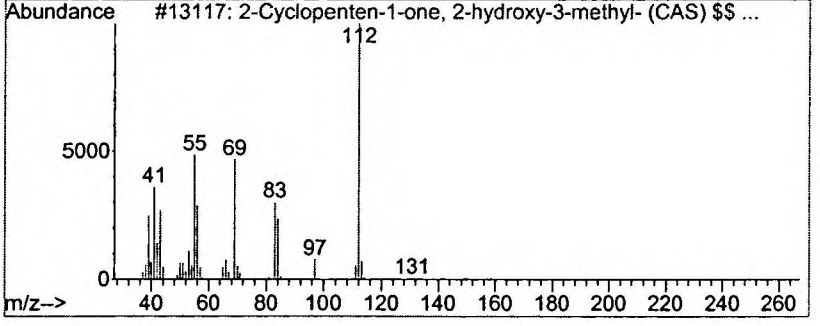


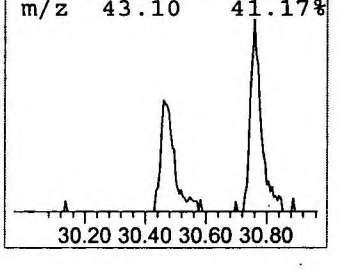












Tentatively Identified Compound (LSC) summary

Operator ID: Bohlk Date Acquired: 11 Apr 2002 8:04 am
Data File: C:\MSDCHEM\1\DATA\041002\7116.D
Name: SAMPLE 7116 3/27/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
2-Pentanone, 4-hy...	5.49	17.4	ug/L	1565390	1	9.41	3597830	40.0
Cyclopentasiloxan...	11.92	2.4	ug/L	326014	2	12.88	5326030	40.0
dl-2-Ethylhexyl c...	30.47	1.9	ug/L	237516	5	30.14	5031570	40.0