User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:01:13

Sample: AE04387
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/25/02 14:00 Ended: 3/25/02 14:00 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Comments for Sample AE04387 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-25-2002 Time: 14:01:16

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for the LCS Standard are high. New control limits will be calculated.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\4387.D Vial: 30
Acq On : 20 Mar 2002 2:37 pm Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 06:39:26 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.55	150	1181362	20.00	ug/L	0.00
10) Naphthalene-d8	13.02	136	3316118	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	1839661	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	2838450	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	2604822	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1309544	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	239541	7.07	ug/L	0.00
Spiked Amount 5.000			Recovery = 141.40%			
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.		
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	24.65	149	4604	0.03	ug/L	79
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	0.00	228	0	N.D. d		
42) Bis (2-ethylhexyl) phthala	30.91	149	6977	0.07	ug/L	71
43) Chrysene	0.00	228	0	N.D. d		
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo (b) fluoranthene	0.00	252	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\4387.D Vial: 30
Acq On : 20 Mar 2002 2:37 pm Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 06:39:26 2002 Quant Results File: 5080302.RES

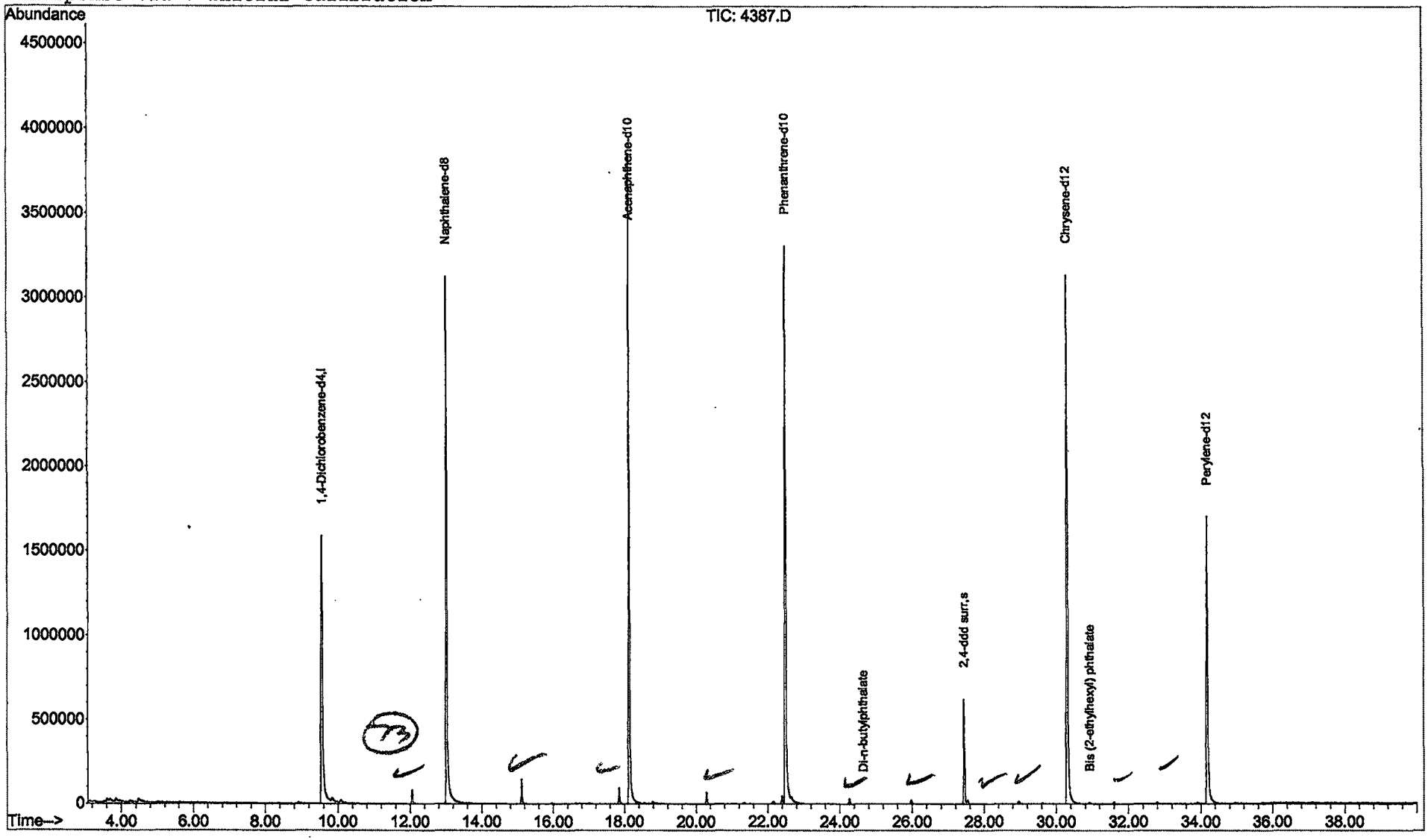
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47)	Benzo (k) fluoranthene	0.00	252	0	N.D.	
48)	Benzo (a) pyrene	0.00	252	0	N.D. 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
4387.D 5080302.M Thu Mar 21 06:40:02 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\031902\4387.D Vial: 30
Acq On : 20 Mar 2002 2:37 pm Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 6:39 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\031902\4387.D Vial: 30
Acq On : 20 Mar 2002 2:37 pm Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080302.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

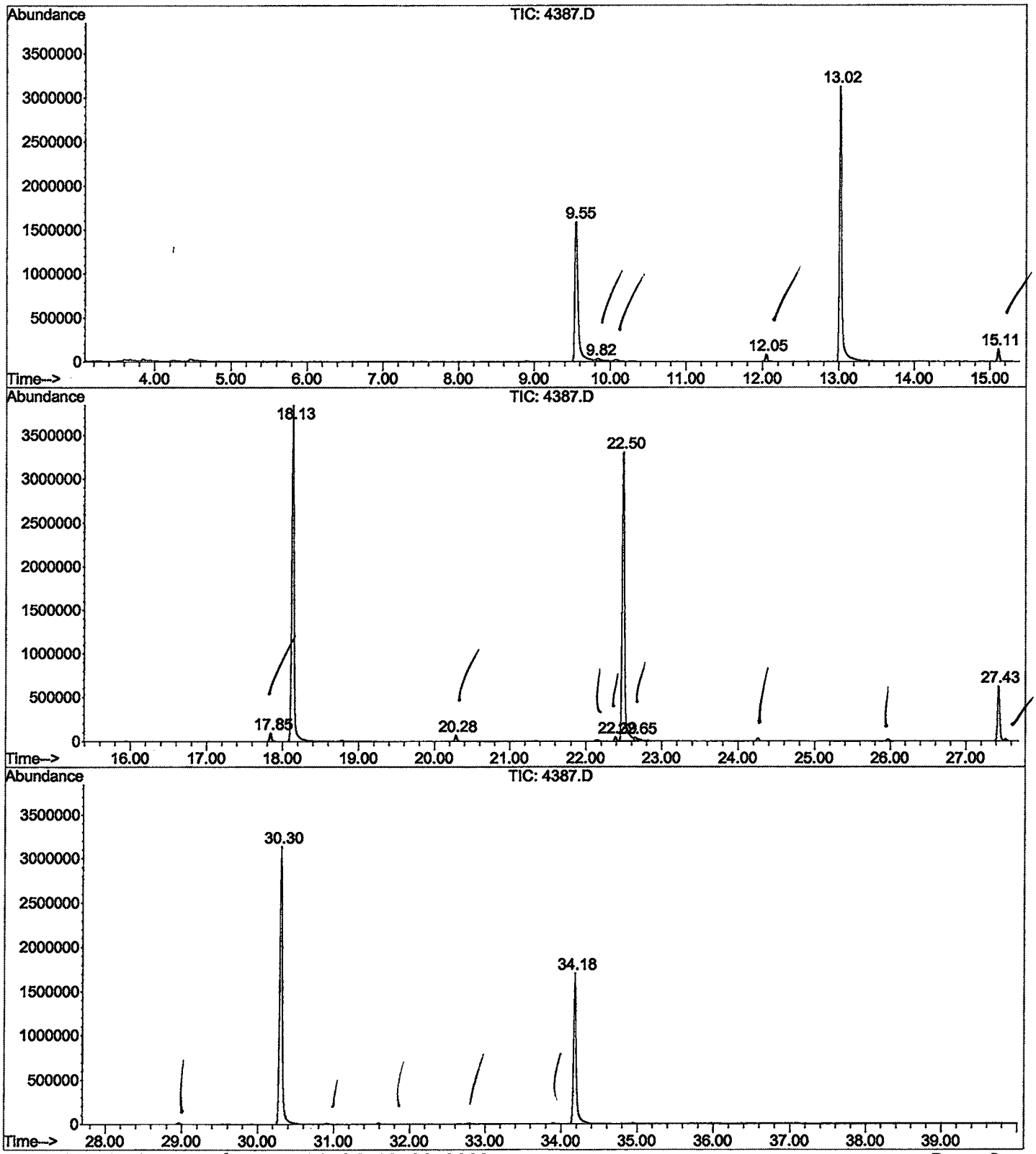
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.552	709	714	739	rBV	1585885	4994938	64.09%	11.972%
2	9.824	742	744	757	rVB5	24732	99613	1.28%	0.239%
3	12.046	985	989	999	rBV2	80932	150699	1.93%	0.361%
4	13.017	1091	1096	1127	rBV	3124795	7146946	91.70%	17.130%
5	15.112	1322	1327	1334	rBV	143892	255186	3.27%	0.612%
6	17.851	1624	1629	1636	rBV	93027	172800	2.22%	0.414%
7	18.133	1654	1660	1680	rBV	3843104	7666075	98.36%	18.374%
8	20.282	1893	1897	1905	rBB2	69034	128380	1.65%	0.308%
9	22.386	2124	2129	2135	rBV	47194	89102	1.14%	0.214%
10	22.495	2135	2141	2156	rBV2	3305309	7794218	100.00%	18.681%
11	22.650	2156	2158	2169	rVB	32329	103751	1.33%	0.249%
12	27.430	2680	2685	2693	rBV	620831	1251256	16.05%	2.999%
13	30.305	2995	3002	3019	rBV2	3134977	7571362	97.14%	18.147%
14	34.178	3422	3429	3451	rBV	1703176	4297686	55.14%	10.301%

Sum of corrected areas: 41722012

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031902\4387.D
Operator : McLean
Acquired : 20 Mar 2002 2:37 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: RE-INJ 3/1
Misc Info :
Vial Number: 30
Quant File :5080302.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031902\4387.D Vial: 30
Acq On : 20 Mar 2002 2:37 pm Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

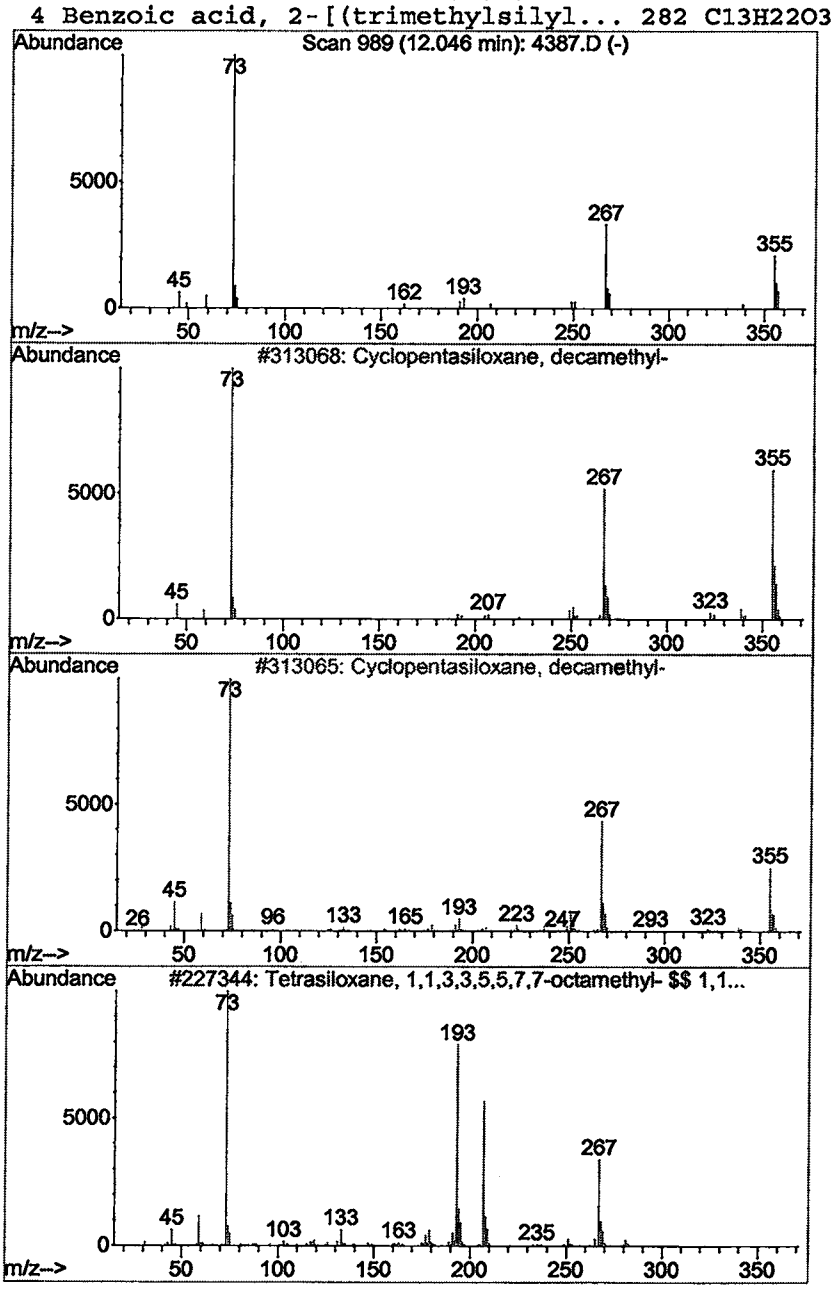
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

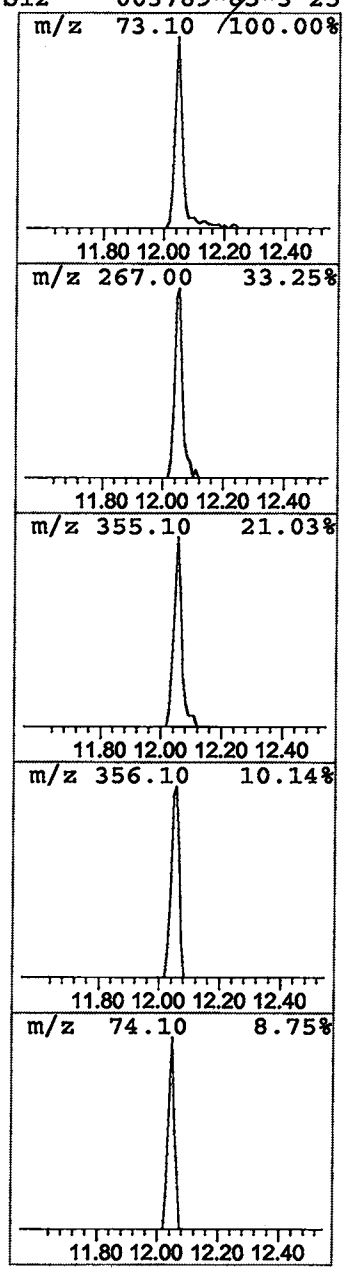
****

Peak Number 1 Cyclopentasiloxane, decamet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	0.42 ug/L	150699	Naphthalene-d8	13.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
3	Tetrasiloxane, 1,1,3,3,5,5,7,7-o...	282	C8H26O3Si4	001000-05-1	25
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	25





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031902\4387.D Vial: 30
Acq On : 20 Mar 2002 2:37 pm Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

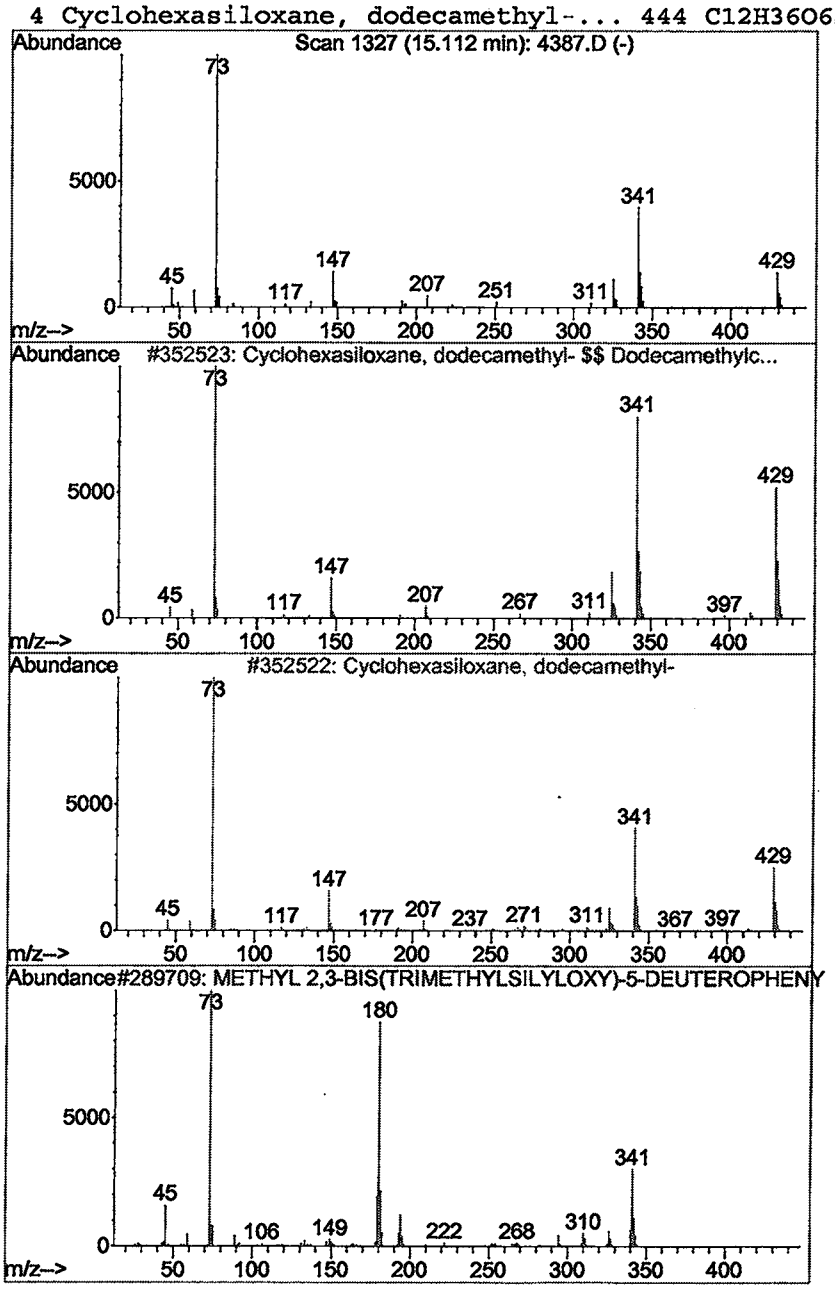
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

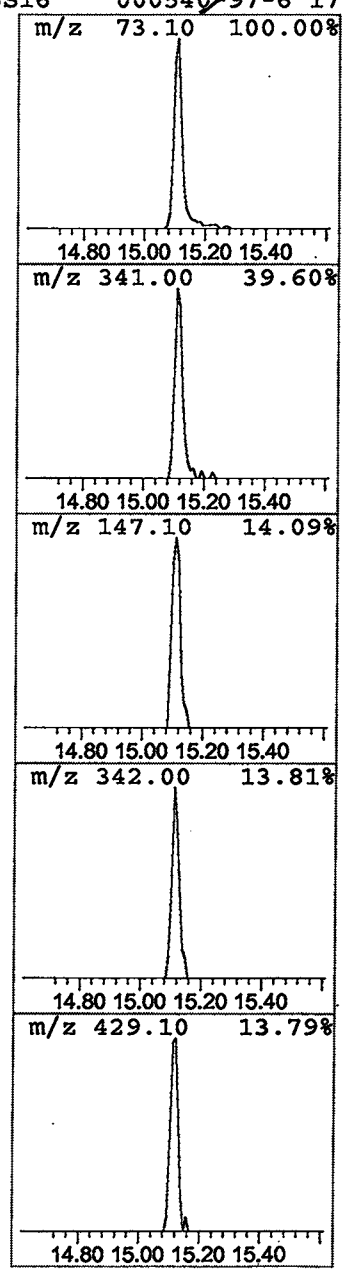
****

Peak Number 2 Cyclohexasiloxane, dodecame... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	0.71 ug/L	255186	Naphthalene-d8	13.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-...	444	C12H36O6Si6	000540-97-6	91
2	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	90
3	METHYL 2,3-BIS(TRIMETHYLSILYLOXY...	341	C16H27DO4Si2	000000-00-0	38
4	Cyclohexasiloxane, dodecamethyl-...	444	C12H36O6Si6	000540-97-6	17





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031902\4387.D Vial: 30
Acq On : 20 Mar 2002 2:37 pm Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

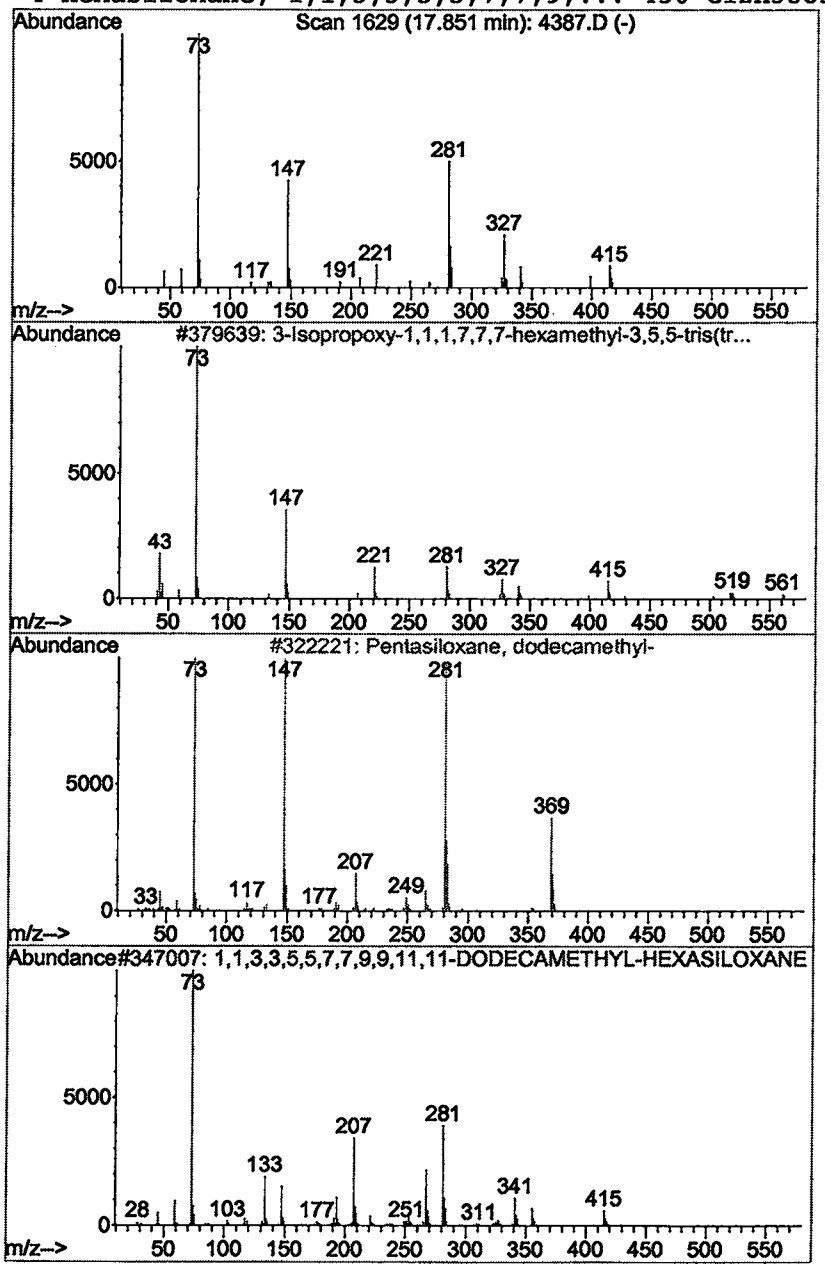
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

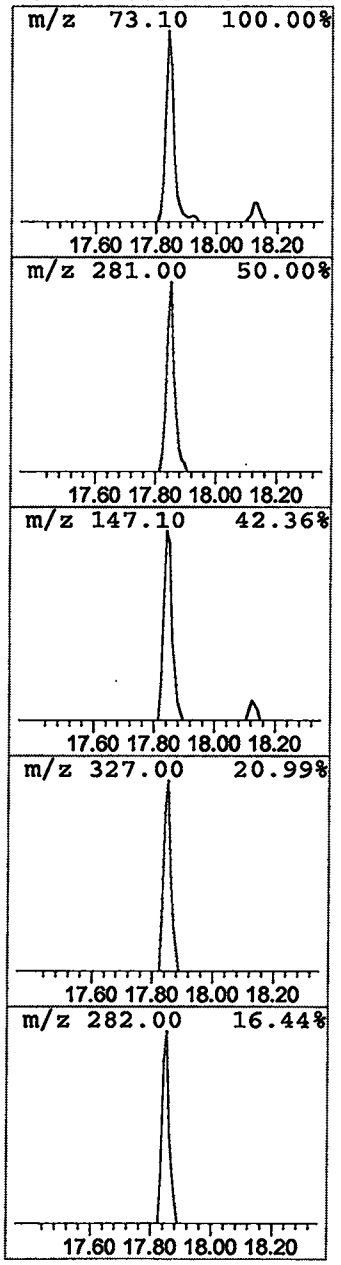
****

Peak Number 3 3-Isopropoxy-1,1,1,7,7,7-he... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	0.45 ug/L	172800	Acenaphthene-d10	18.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	50
2	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	40
3	1,1,3,3,5,5,7,7,9,9,11,11-DODECA...	430	C12H38O5Si6	000000-00-0	32
4	Hexasiloxane, 1,1,3,3,5,5,7,7,9,...	430	C12H38O5Si6	000995-82-4	32





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 20 Mar 2002 2:37 pm
Data File: C:\MSDCHEM\1\DATA\031902\4387.D
Name: RE-INJ 3/1
Misc:
Method: C:\MSDCHEM\1\5973N\5080302.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
Cyclopentasiloxan...	12.05	0.4	ug/L	150699	2	13.02	7146950	20.0
Cyclohexasiloxane...	15.11	0.7	ug/L	255186	2	13.02	7146950	20.0
3-Isopropoxy-1,1,...	17.85	0.5	ug/L	172800	3	18.13	7666080	20.0