

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/22/2002 Time: 12:26:06

Sample: AE02341
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/22/02 12:25 Ended: 3/22/02 12:25 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		81		5.0

Comments for Sample AE02341 - Analysis \$GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-22-2002 Time: 12:26:09

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\030402\2341.D

Vial: 13

Acq On : 4 Mar 2002 8:05 pm

Operator: McLean

Sample : 1/31

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: BENZO.P

Quant Time: Mar 18 08:05:37 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	9.58	150	1523548	20.00	ug/L	0.03
10) Naphthalene-d8	13.05	136	3887804	20.00	ug/L	0.03
17) Acenaphthene-d10	18.16	164	2199070	20.00	ug/L	0.02
29) Phenanthrene-d10	22.52	188	3411668	20.00	ug/L	0.03
38) Chrysene-d12	30.34	240	3062376	20.00	ug/L	0.02
44) Perylene-d12	34.21	264	1888054	20.00	ug/L	0.03

System Monitoring Compounds

37) 2,4-ddd surr	27.46	235	164327	4.04	ug/L	0.03
Spiked Amount	5.000		Recovery	=	80.80%	

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	0.00	149	0	N.D. d	
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) anthracene	0.00	228	0	N.D. d	
42) Bis (2-ethylhexyl) phthala	0.00	149	0	N.D. d	
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

2341.D 5080302.M Mon Mar 18 08:06:56 2002

Page 1

Quantitation Report (QT Reviewed)

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Vial: 13

Acq On : 4 Mar 2002 8:05 pm

Operator: McLean

Sample : 1/31

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: BENZO.P

Quant Time: Mar 18 08:05:37 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

2341.D 5080302.M Mon Mar 18 08:06:56 2002

Data File : C:\MSDCHEM\1\DATA\030402\2341.D

Vial: 13

Acq On : 4 Mar 2002 8:05 pm

Operator: McLean

Sample : 1/31

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: BENZO.P

Quant Time: Mar 18 8:06 2002

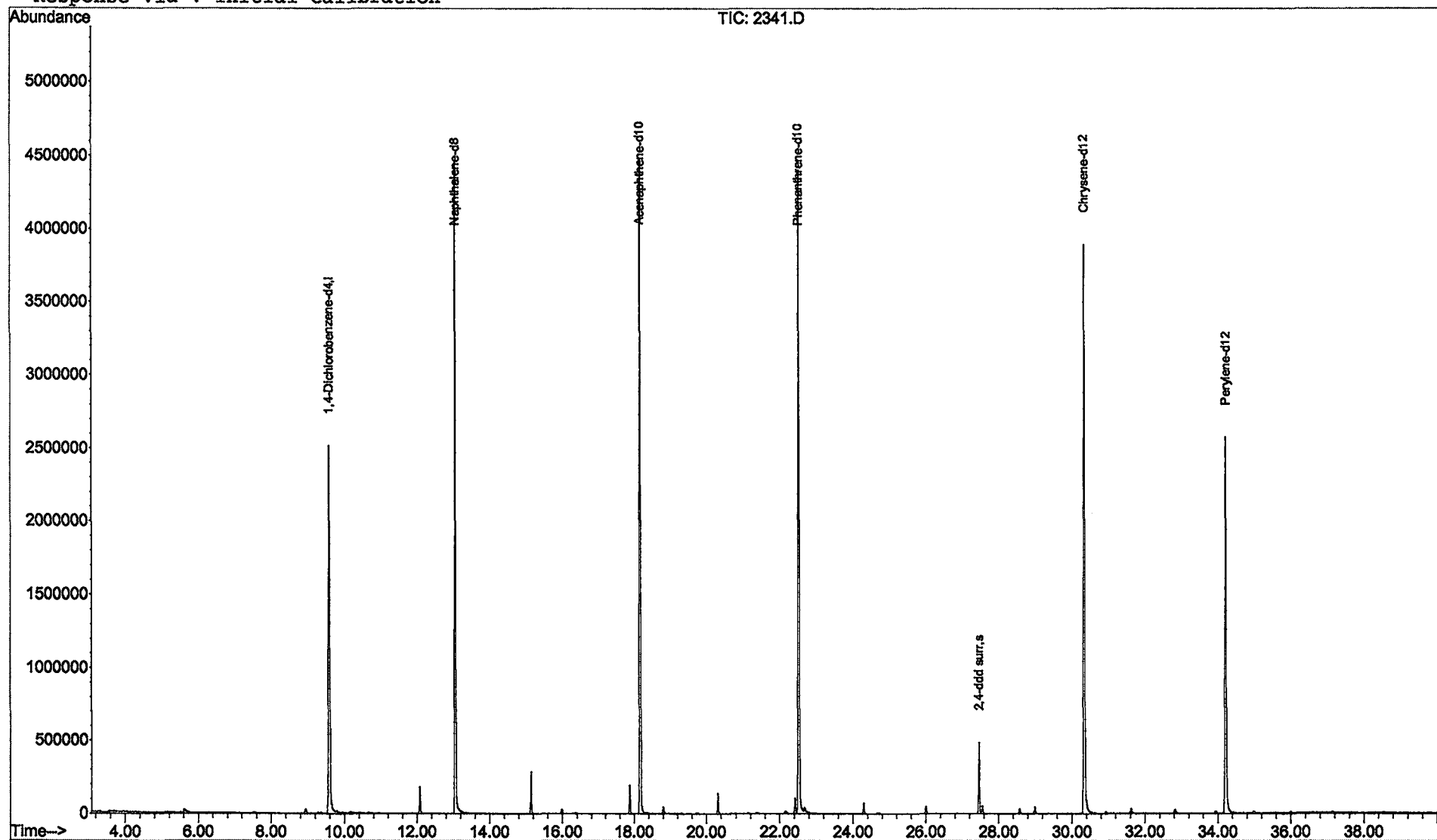
Quant Results File: 5080302.RES

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\030402\2341.D

Acq On : 4 Mar 2002 8:05 pm

Sample : 1/31

Misc :

MS Integration Params: LSCINT.P

Vial: 13

Operator: McLean

Inst : Instrumen

Multiplr: 1.00

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

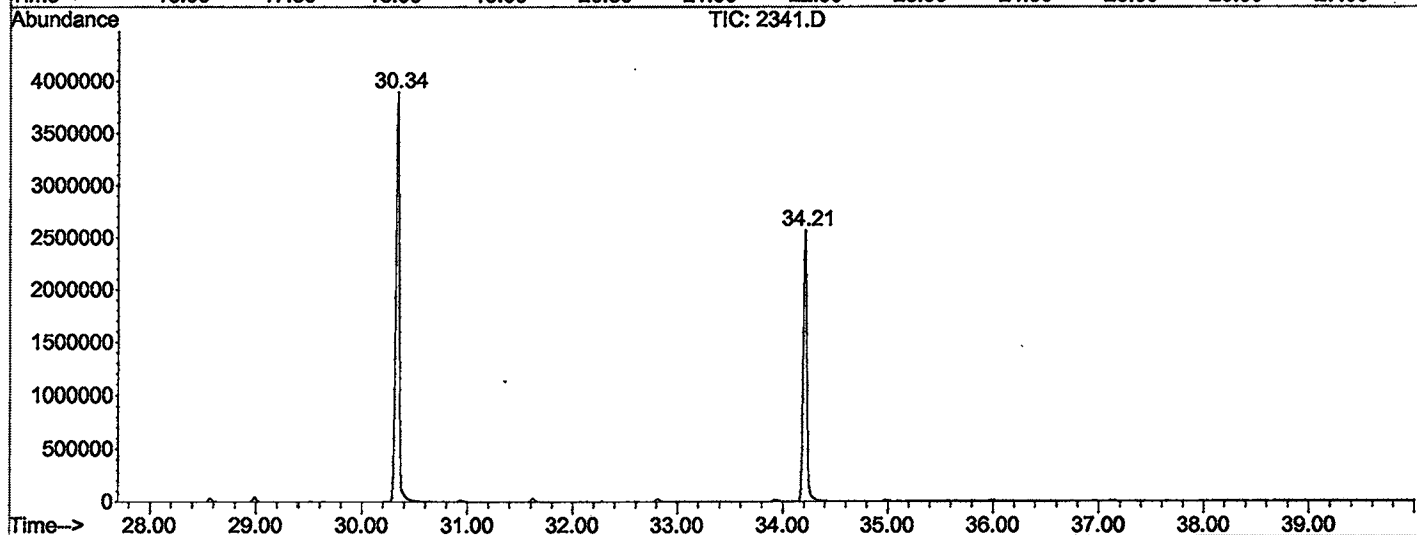
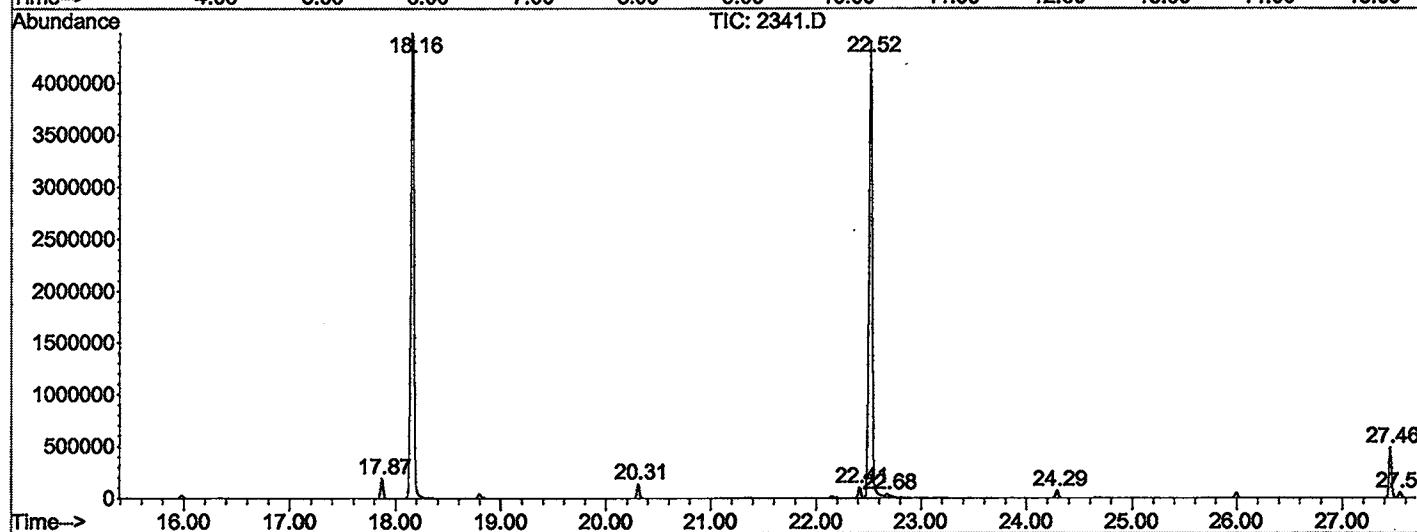
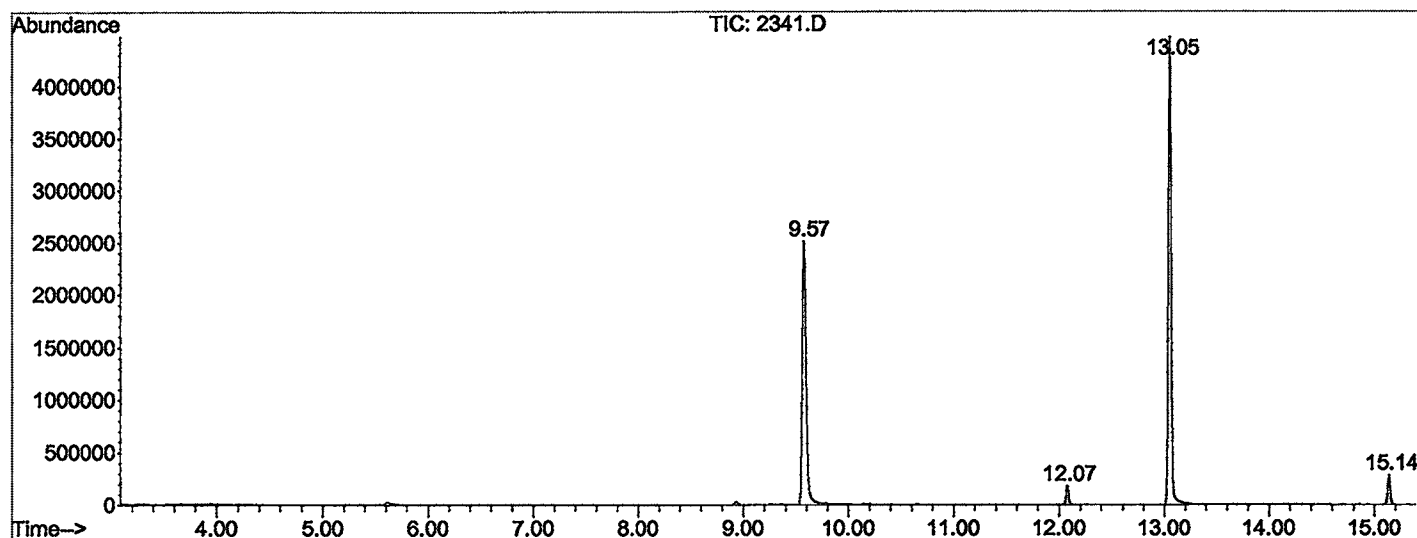
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.570	711	716	732	rBV	2516720	6411605	68.17%	12.467%
2	12.074	988	992	999	rBV	180490	298289	3.17%	0.580%
3	13.053	1094	1100	1115	rBV	4464593	8401192	89.32%	16.335%
4	15.139	1325	1330	1334	rBV	283554	447019	4.75%	0.869%
5	17.869	1627	1631	1636	rBV	193264	319978	3.40%	0.622%
6	18.160	1657	1663	1676	rBV	4476469	9186034	97.67%	17.861%
7	20.309	1895	1900	1905	rVB	139660	235696	2.51%	0.458%
8	22.414	2127	2132	2138	rBV2	101865	173127	1.84%	0.337%
9	22.522	2138	2144	2158	rBV2	4401140	9405422	100.00%	18.288%
10	22.677	2158	2161	2172	rVB	35086	98271	1.04%	0.191%
11	24.291	2334	2339	2343	rVB	71992	117308	1.25%	0.228%
12	27.457	2683	2688	2695	rBV	485905	847078	9.01%	1.647%
13	27.547	2695	2698	2703	rVB2	51751	98106	1.04%	0.191%
14	30.341	2998	3006	3026	rBV2	3892835	9150812	97.29%	17.793%
15	34.214	3426	3433	3445	rBV	2574109	6240208	66.35%	12.133%

Sum of corrected areas: 51430145

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\030402\2341.D
 Operator : McLean
 Acquired : 4 Mar 2002 8:05 pm using AcqMethod 508SCAN
 Instrument : Instrumen
 Sample Name: 1/31
 Misc Info :
 Vial Number: 13
 Quant File :5080302.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\030402\2341.D
 Acq On : 4 Mar 2002 8:05 pm
 Sample : 1/31
 Misc :
 MS Integration Params: LSCINT.P

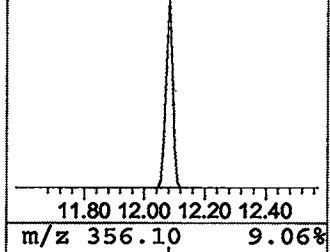
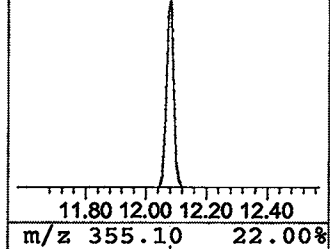
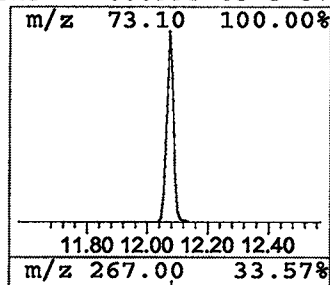
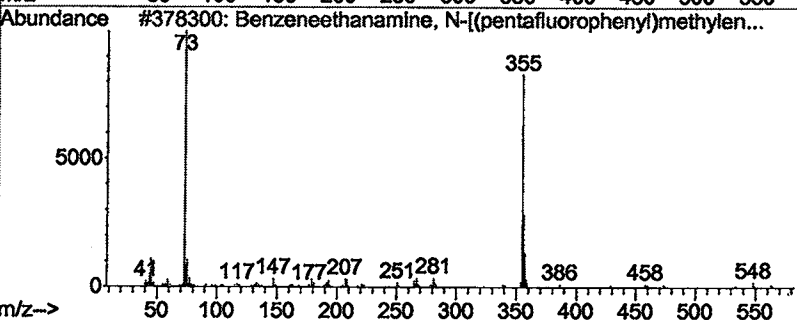
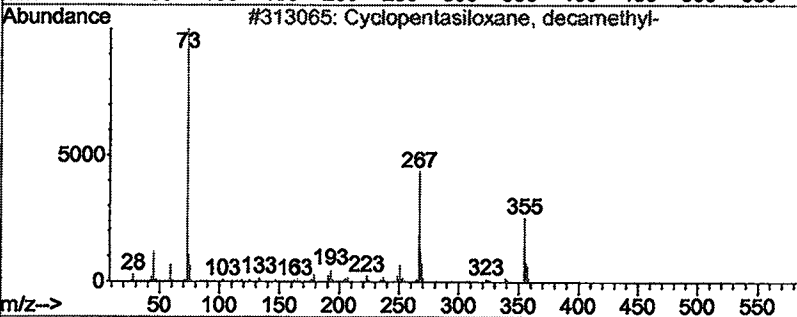
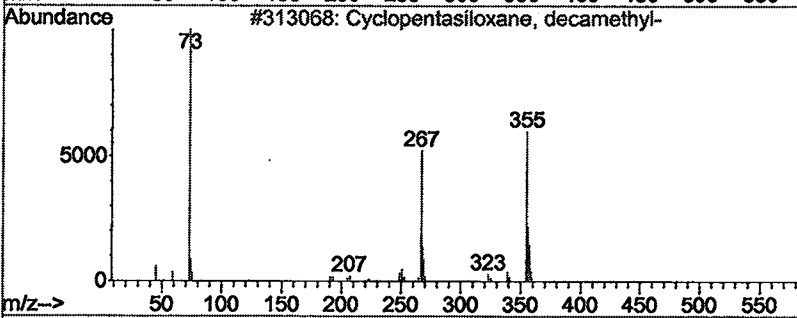
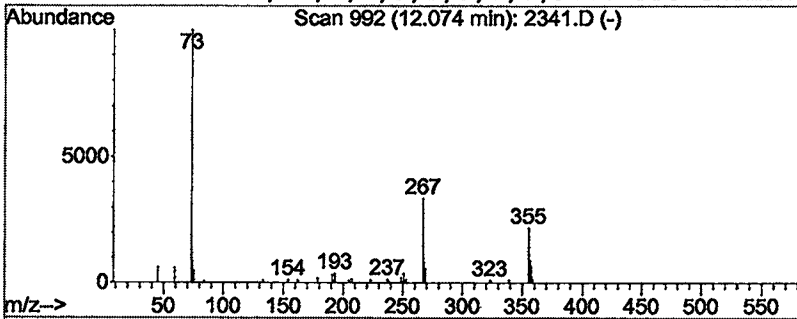
Vial: 13
 Operator: McLean
 Inst : Instrumen
 Multiplr: 1.00

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 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	0.71 ug/L	298289	Naphthalene-d8	13.05

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	58
3		Benzeneethanamine, N-[(pentafluoro...]	563	C24H34F5NO3Si3	055429-13-5	38
4		Pentasiloxane, 1,1,3,3,5,5,7,7,9...	356	C10H32O4Si5	000995-83-5	37



Library Search Compound Report

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Acq On : 4 Mar 2002 8:05 pm

Sample : 1/31

Misc :

MS Integration Params: LSCINT.P

Vial: 13

Operator: McLean

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)

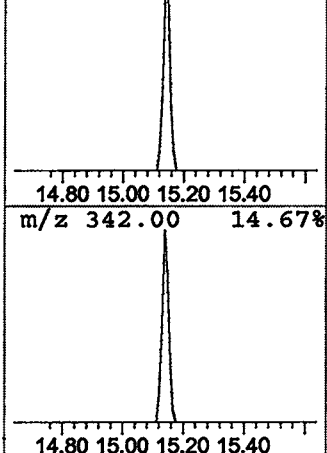
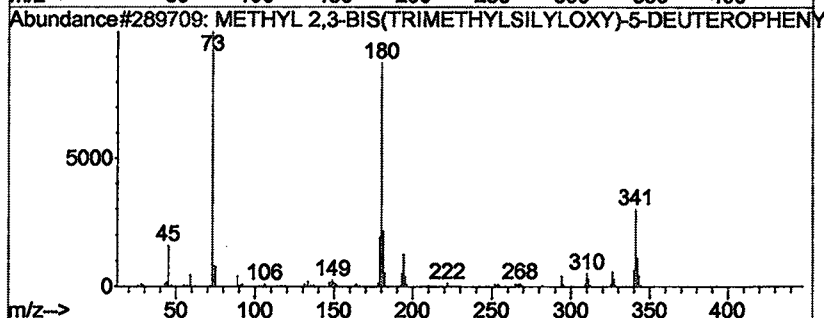
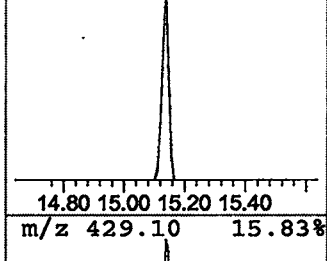
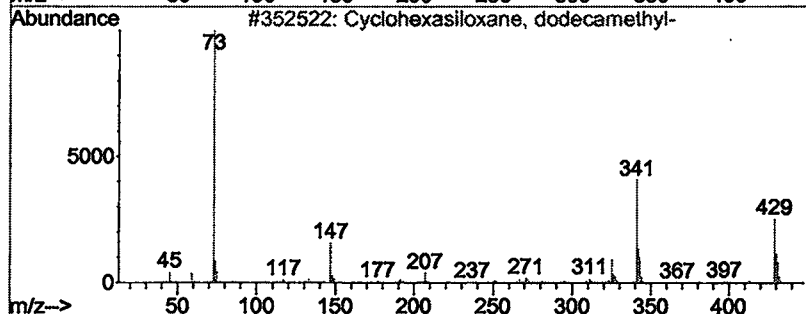
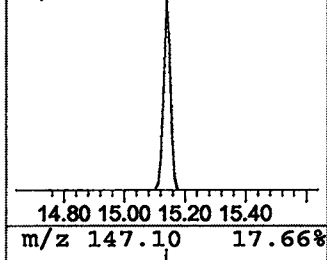
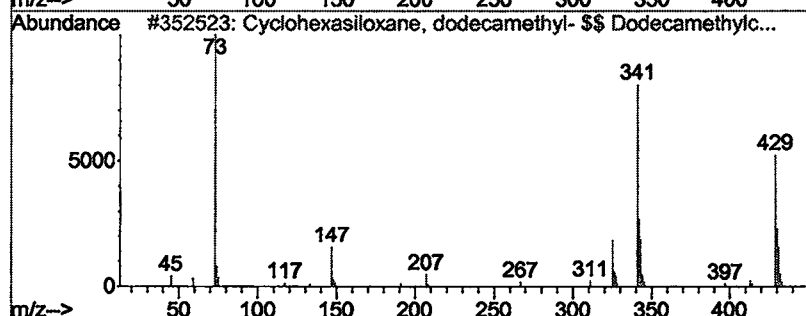
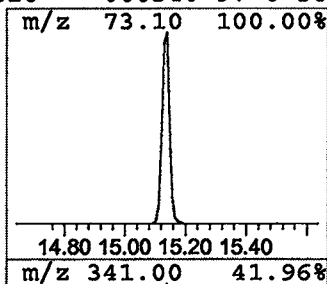
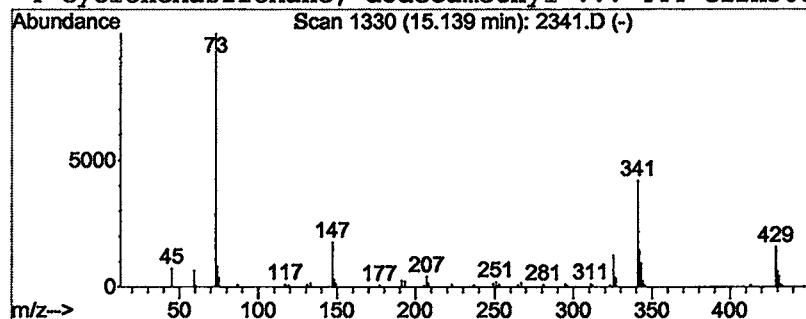
Title : Quantitation For Method 508gcscan

Library : C:\DATABASE\WILEY7N.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	1.06 ug/L	447019	Naphthalene-d8	13.05

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	52
3			METHYL 2,3-BIS(TRIMETHYLSILOXY)...	341	C16H27DO4Si2	000000-00-0	50
4			Cyclohexasiloxane, dodecamethyl-...	444	C12H36O6Si6	000540-97-6	38



Library Search Compound Report

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Sample : 1/31

Misc :

MS Integration Params: LSCINT.P

Vial: 13

Operator: McLean

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)

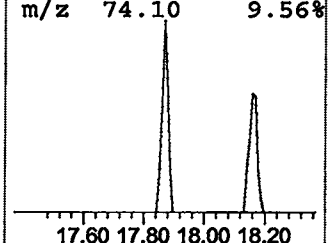
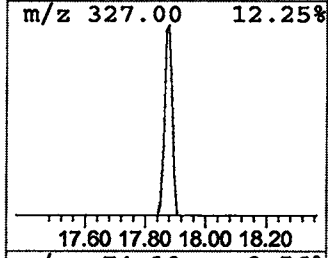
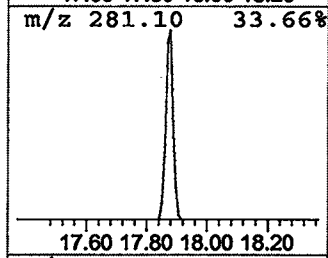
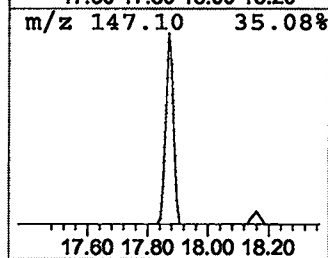
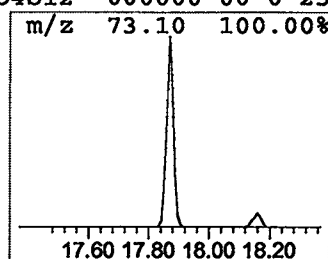
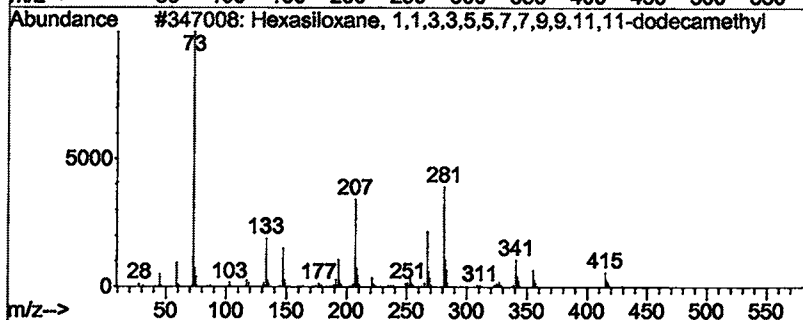
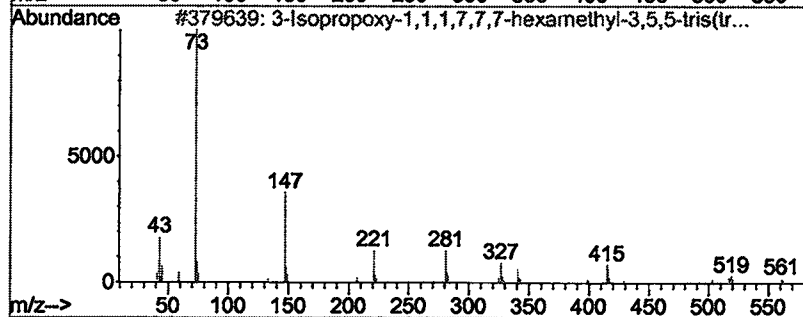
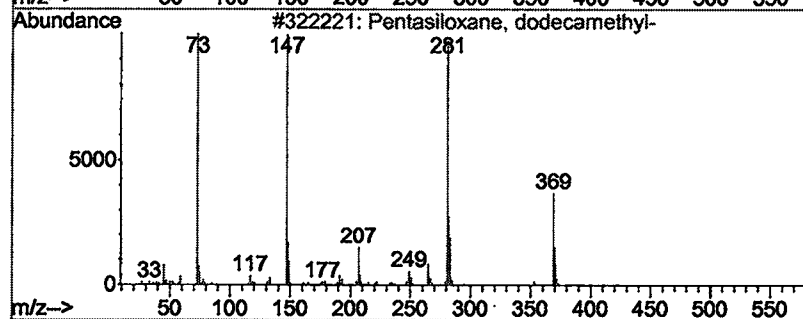
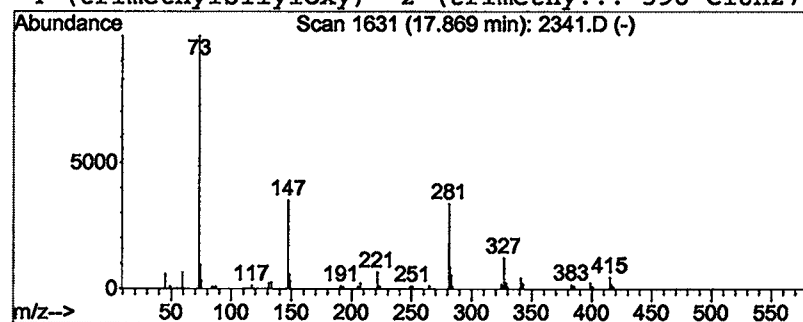
Title : Quantitation For Method 508gcscan

Library : C:\DATABASE\WILEY7N.L

Peak Number 3 Pentasiloxane, dodecamethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	0.70 ug/L	319978	Acenaphthene-d10	18.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	36
2		3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	32
3		Hexasiloxane, 1,1,3,3,5,5,7,7,9,...	430	C12H38O5Si6	000995-82-4	25
4		(trimethylsilyloxy) 2-(trimethy...	398	C18H27ClO4Si2	000000-00-0	25



Library Search Compound Report

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Acq On : 4 Mar 2002 8:05 pm

Sample : 1/31

Misc :

MS Integration Params: LSCINT.P

Vial: 13

Operator: McLean

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)

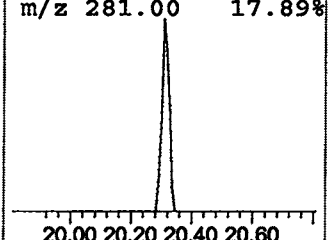
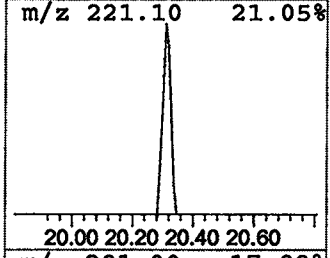
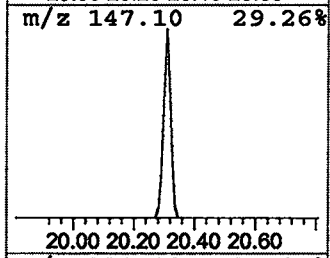
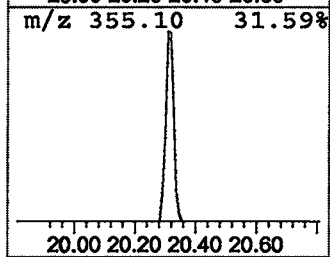
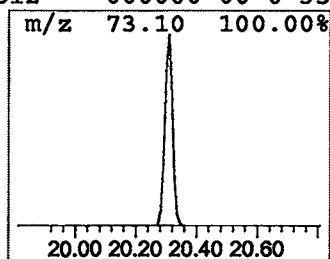
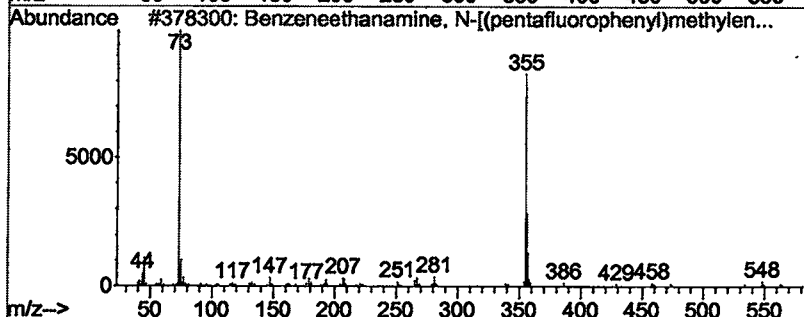
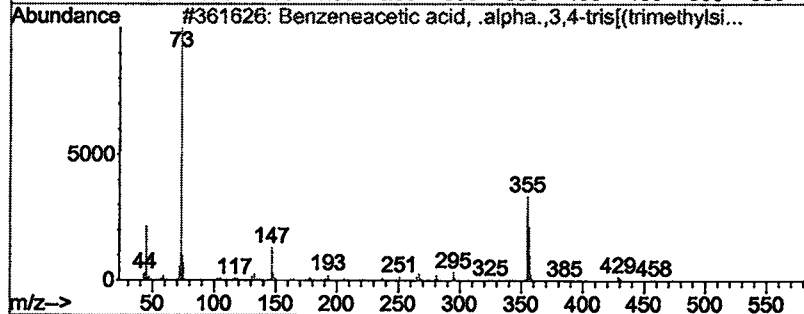
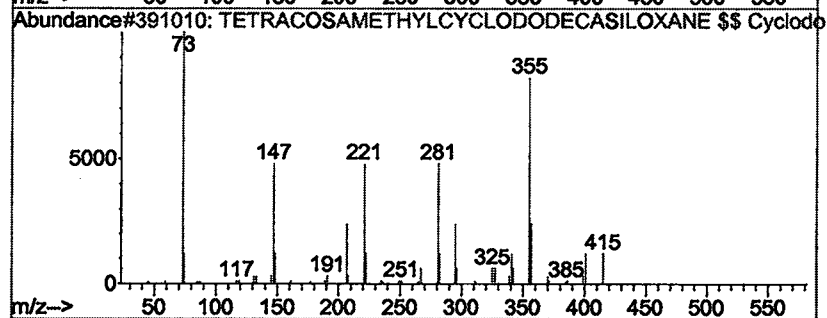
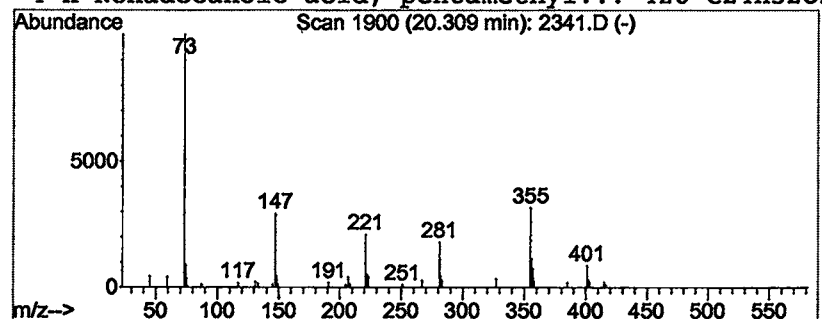
Title : Quantitation For Method 508gcscan

Library : C:\DATABASE\WILEY7N.L

Peak Number 4 TETRACOSAMETHYLCYCLODODECAS... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.31	0.51 ug/L	235696	Acenaphthene-d10	18.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			TETRACOSAMETHYLCYCLODODECASILOXA...	888	C24H72O12	112	018919-94-3 72
2			Benzeneacetic acid, .alpha.,3,4-...	472	C20H40O5	14	037148-65-5 37
3			Benzeneethanamine, N-[(pentafluoro...	563	C24H34F5NO3Si3		055429-13-5 35
4			n-Nonadecanoic acid, pentamethyl...	428	C24H52O2Si2		000000-00-0 35



Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 4 Mar 2002 8:05 pm
Data File: C:\MSDCHEM\1\DATA\030402\2341.D
Name: 1/31
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	#	RT	Resp	Conc
Cyclopentasiloxan...	12.07	0.7	ug/L	298289	2	13.05	8401190	20.0
Cyclohexasiloxane...	15.14	1.1	ug/L	447019	2	13.05	8401190	20.0
Pentasiloxane, do...	17.87	0.7	ug/L	319978	3	18.16	9186030	20.0
TETRACOSAMETHYLCY...	20.31	0.5	ug/L	235696	3	18.16	9186030	20.0