User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 08:20:26

Sample: AE03265
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 08:18 Ended: 3/29/02 08:18 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		99		5.0

Comments for Sample AE03265 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 08:21:07

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\3265FB.D Vial: 34
Acq On : 21 Mar 2002 8:13 am Operator: McLean
Sample : 2/14/02 RE-INJ Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 25 09:01:25 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	3675583	20.00	ug/L	0.00
10) Naphthalene-d8	13.04	136	9669286	20.00	ug/L	0.00
17) Acenaphthene-d10	18.15	164	5281015	20.00	ug/L	0.00
29) Phenanthrene-d10	22.51	188	8242997	20.00	ug/L	0.02
38) Chrysene-d12	30.33	240	6847962	20.00	ug/L	0.00
44) Perylene-d12	34.20	264	3570671	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.44	235	270649	2.75	ug/L	0.00
Spiked Amount 5.000			Recovery = 55.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.24	74	6185	0.07	ug/L	100
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	23743	0.05	ug/L	85
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	6127	0.02	ug/L	94
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
3265FB.D 5080302.M Mon Mar 25 09:02:07 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\3265FB.D Vial: 34
Acq On : 21 Mar 2002 8:13 am Operator: McLean
Sample : 2/14/02 RE-INJ Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 25 09:01:25 2002 Quant Results File: 5080302.RES

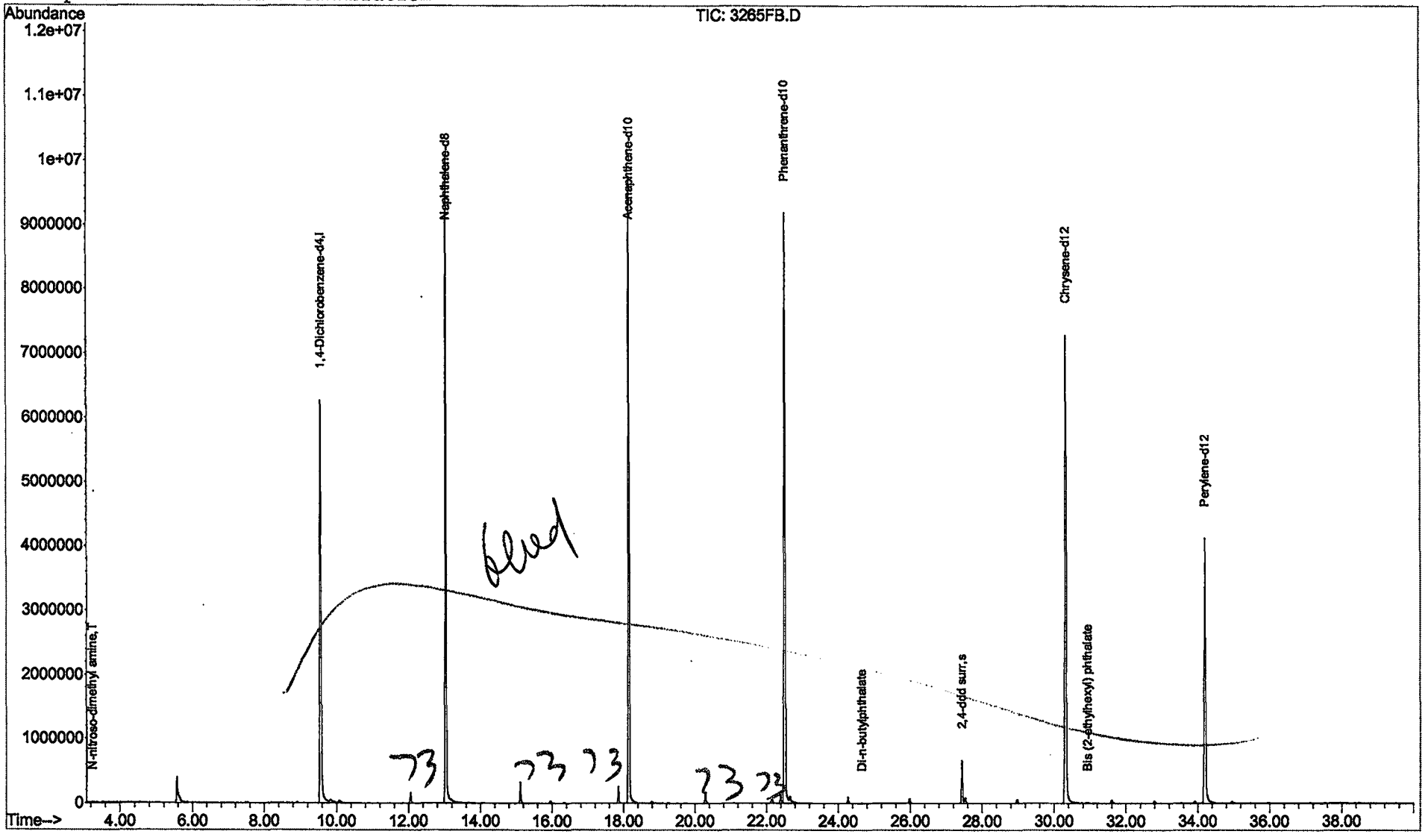
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

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

Data File : C:\MSDCHEM\1\DATA\031902\3265FB.D Vial: 34
Acq On : 21 Mar 2002 8:13 am Operator: McLean
Sample : 2/14/02 RE-INJ Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 25 9:01 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\3265FB.D Vial: 34
Acq On : 21 Mar 2002 8:13 am Operator: McLean
Sample : 2/14/02 RE-INJ 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

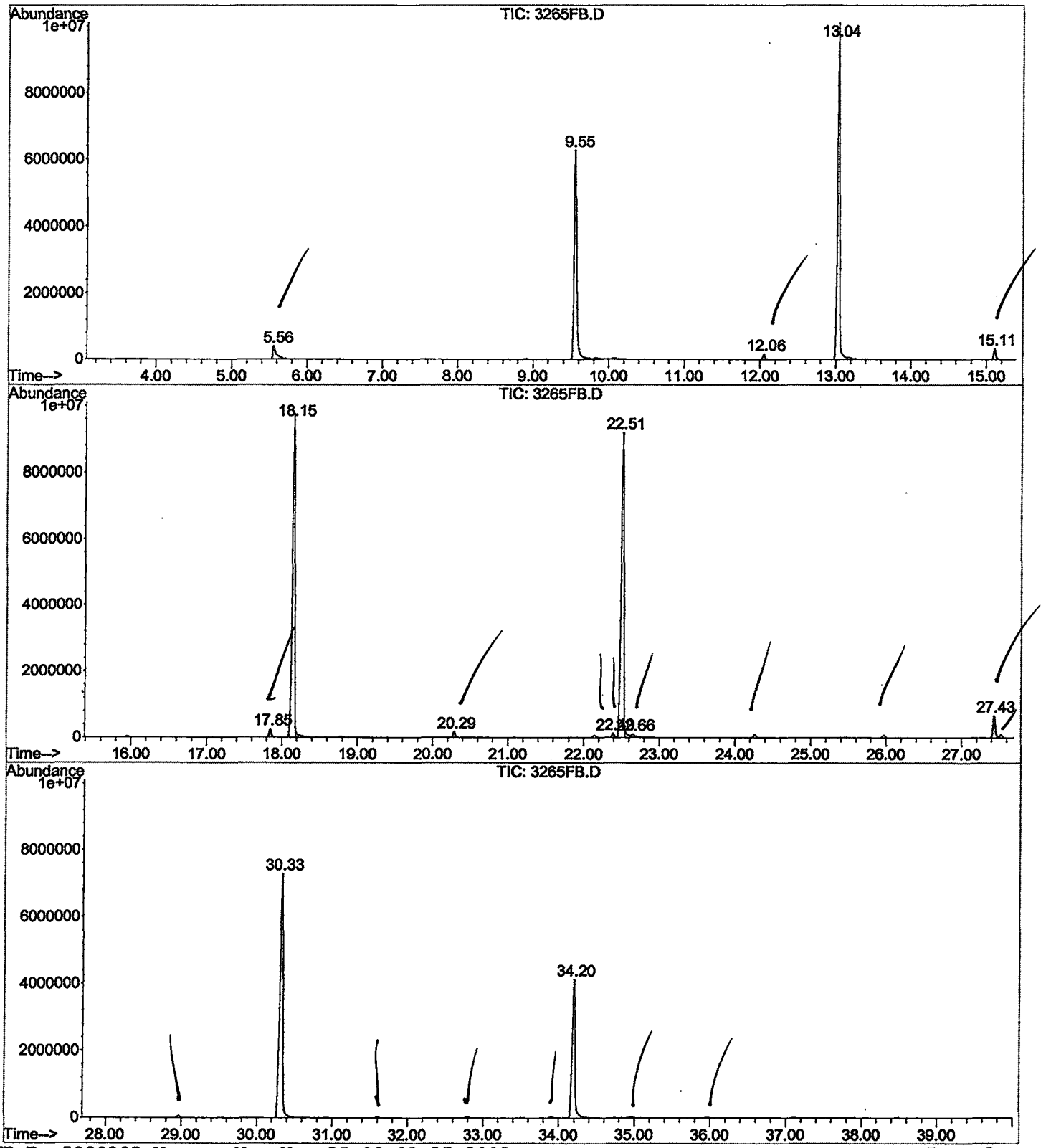
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.561	271	274	298	rBV	397033	1242849	5.55%	1.058%
2	9.552	708	714	740	rBV	6265013	15781831	70.50%	13.438%
3	12.056	985	990	1000	rBV	163266	284979	1.27%	0.243%
4	13.035	1091	1098	1111	rBV	10095783	20822958	93.02%	17.731%
5	15.112	1322	1327	1337	rBV2	325380	591372	2.64%	0.504%
6	17.851	1624	1629	1638	rBV	253312	460288	2.06%	0.392%
7	18.151	1654	1662	1666	rBV	9757641	21795653	97.37%	18.559%
8	20.291	1893	1898	1908	rBB	167486	331665	1.48%	0.282%
9	22.396	2124	2130	2135	rBV2	125782	240720	1.08%	0.205%
10	22.514	2135	2143	2147	rBV2	9190023	22384940	100.00%	19.061%
11	22.659	2155	2159	2168	rVB	88491	235248	1.05%	0.200%
12	27.430	2681	2685	2692	rBV	661161	1406286	6.28%	1.197%
13	30.332	2996	3005	3027	rBV2	7283458	20187630	90.18%	17.190%
14	34.196	3423	3431	3447	rBV2	4123787	11674770	52.15%	9.941%

Sum of corrected areas: 117441189

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031902\3265FB.D
Operator : McLean
Acquired : 21 Mar 2002 8:13 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 2/14/02 RE-INJ
Misc Info :
Vial Number: 34
Quant File :5080302.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031902\3265FB.D Vial: 34
Acq On : 21 Mar 2002 8:13 am Operator: McLean
Sample : 2/14/02 RE-INJ Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

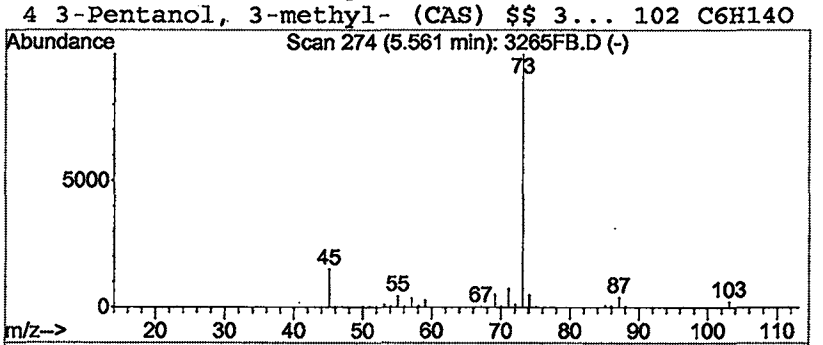
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

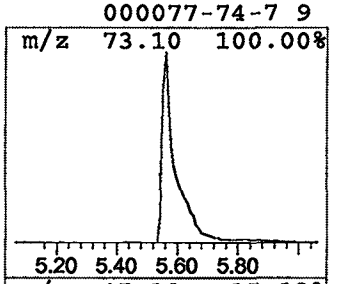
****

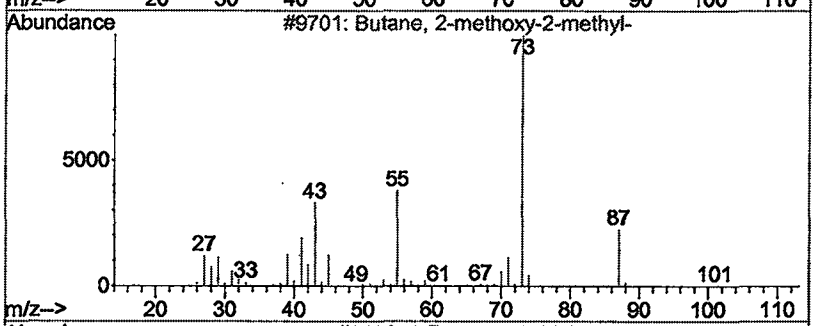
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

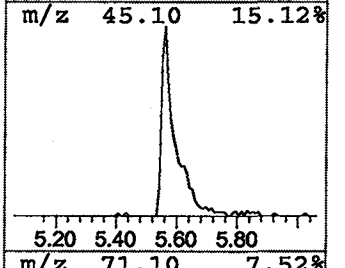
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	1.58 ug/L	1242850	1,4-Dichlorobenzene-d4	9.55

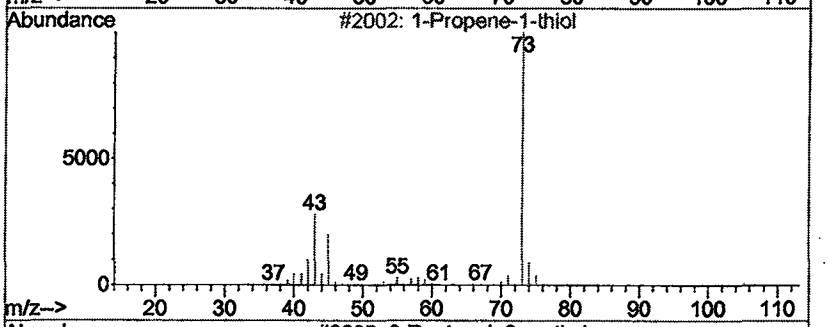
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	36
2	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	3-Pentanol, 3-methyl- (CAS) $$ 3...	102	C6H14O	000077-74-7	9

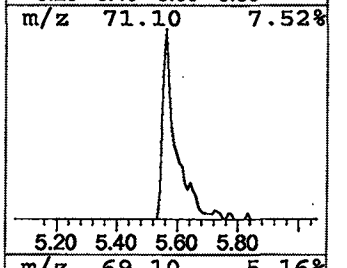


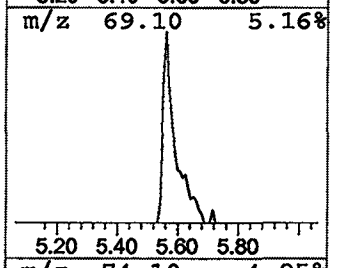


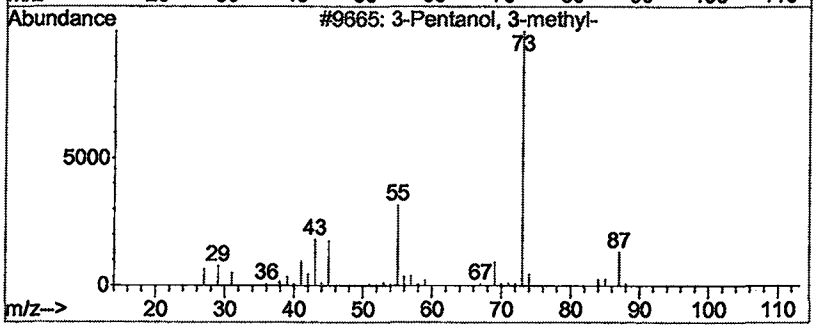


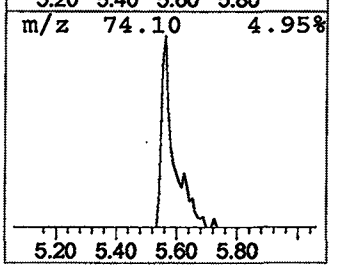












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031902\3265FB.D Vial: 34
Acq On : 21 Mar 2002 8:13 am Operator: McLean
Sample : 2/14/02 RE-INJ Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

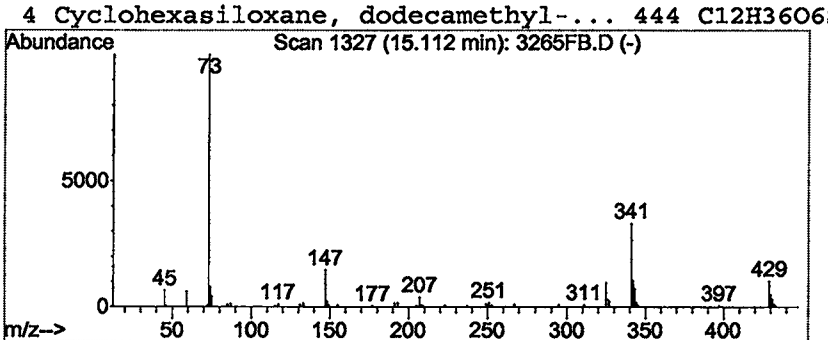
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

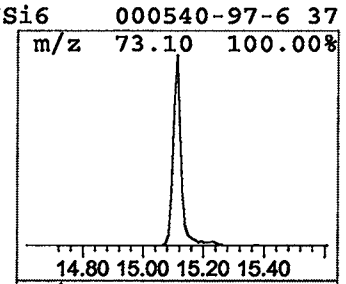
****

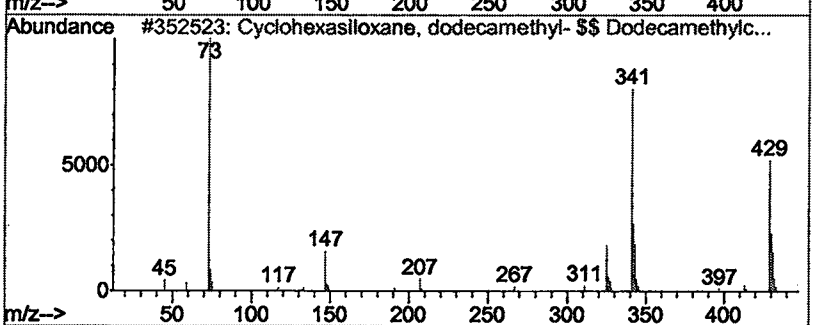
Peak Number 2 Cyclohexasiloxane, dodecame... Concentration Rank 2

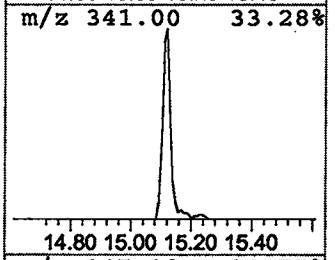
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	0.57 ug/L	591372	Naphthalene-d8	13.04

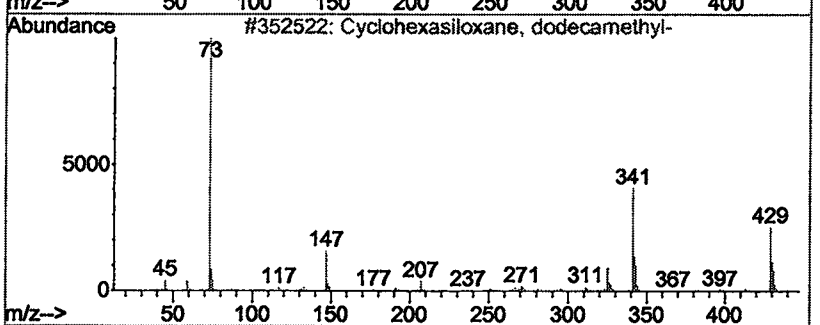
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-...	444	C12H36O6Si6	000540-97-6	91
2	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	72
3	METHYL 2,3-BIS(TRIMETHYLSILYLOXY...	341	C16H27DO4Si2	000000-00-0	43
4	Cyclohexasiloxane, dodecamethyl-...	444	C12H36O6Si6	000540-97-6	37

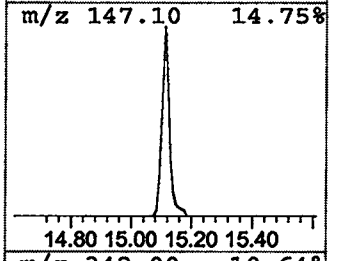


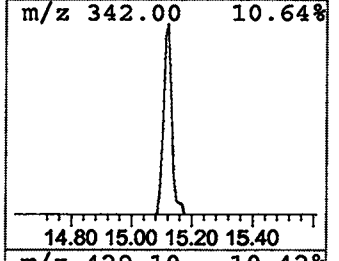


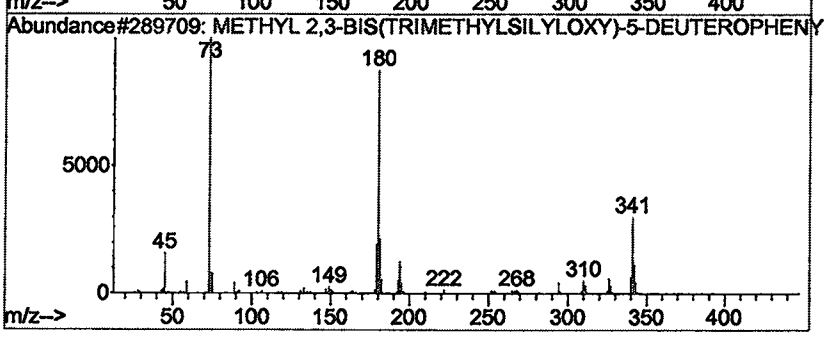


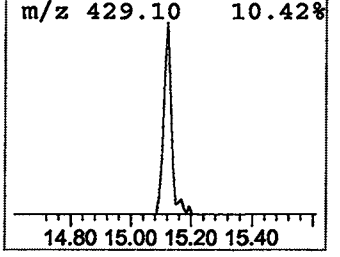












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Acq On : 21 Mar 2002 8:13 am Operator: McLean
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Misc : Multiplr: 1.00
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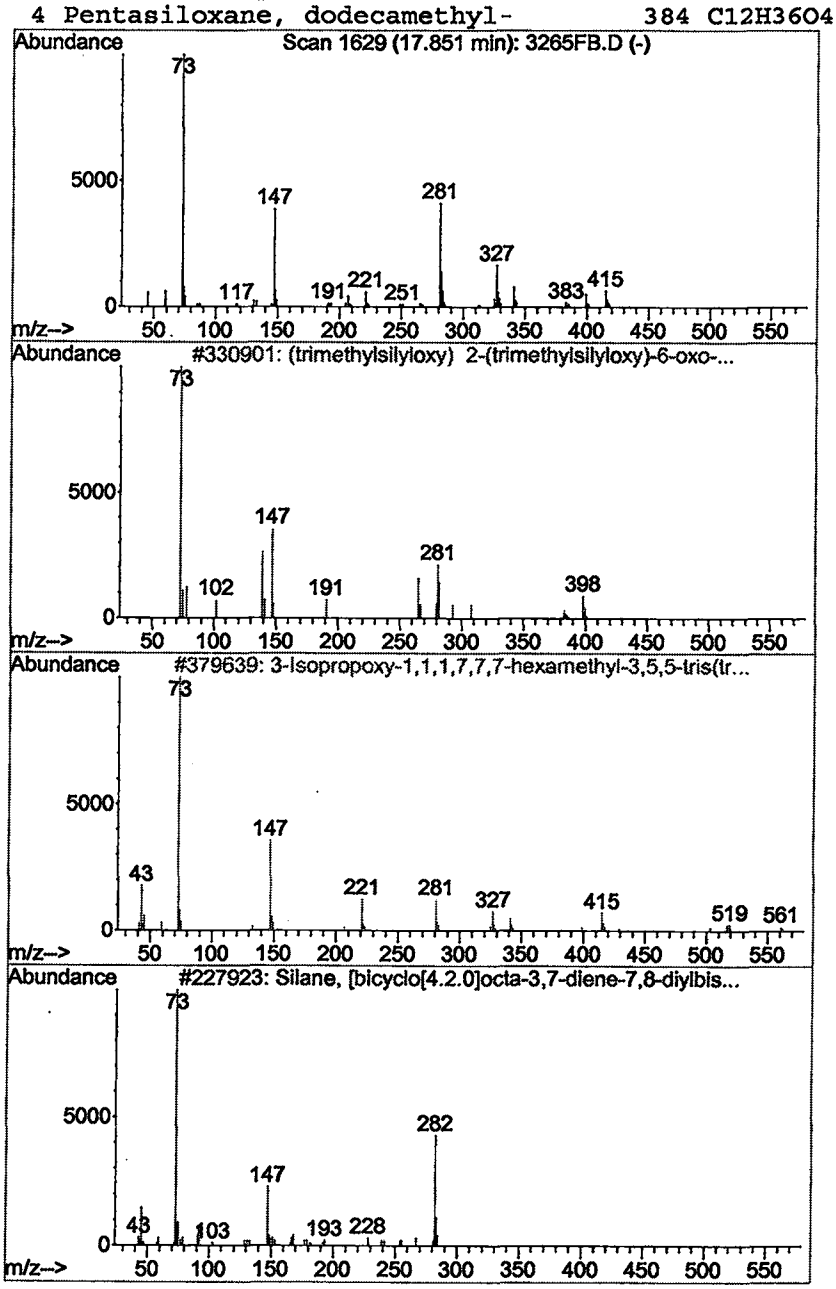
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

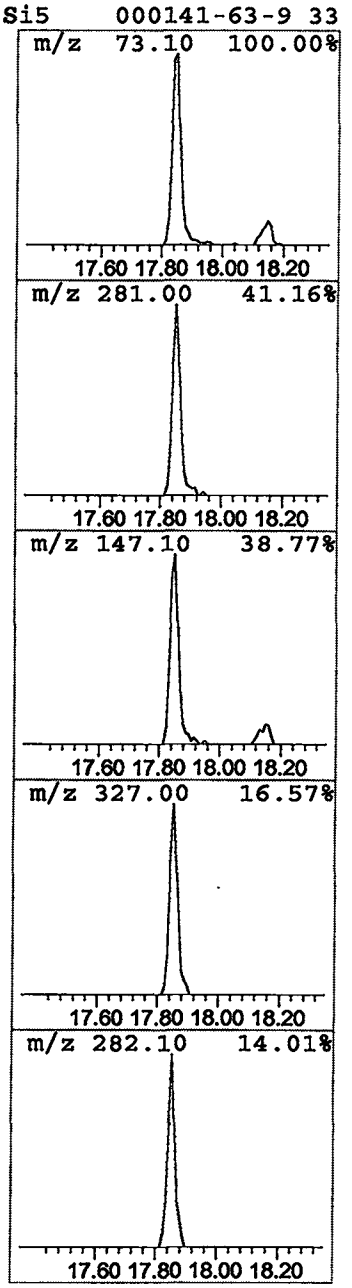
****

Peak Number 3 (trimethylsilyloxy) 2-(tri... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	0.42 ug/L	460288	Acenaphthene-d10	18.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(trimethylsilyloxy) 2-(trimethy...	398	C18H27ClO4Si2	000000-00-0	42
2	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	40
3	Silane, [bicyclo[4.2.0]octa-3,7-...	282	C14H26O2Si2	036461-33-3	38
4	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	33





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 21 Mar 2002 8:13 am
Data File: C:\MSDCHEM\1\DATA\031902\3265FB.D
Name: 2/14/02 RE-INJ
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
Butane, 2-methoxy...	5.56	1.6	ug/L	1242850	1	9.55	15781800	20.0
Cyclohexasiloxane...	15.11	0.6	ug/L	591372	2	13.04	20823000	20.0
(trimethylsilylox...	17.85	0.4	ug/L	460288	3	18.15	21795700	20.0