User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 03/18/2002 Time: 14:25:11

Sample: AE02152
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 3/18/02 14:19 Ended: 3/18/02 14:19 Analyst: MF
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		< MDL		2.0
2	bis(2-Chloroethyl)ether		< MDL		2.0
3	1,3-Dichlorobenzene		< MDL		2.0
4	1,4-Dichlorobenzene		< MDL		2.0
5	1,2-Dichlorobenzene		< MDL		2.0
6	2,2'-oxybis(1-Chloropropane)		< MDL		2.0
7	n-Nitrosodi-n-propylamine		< MDL		2.0
8	Hexachloroethane		< MDL		2.0
9	Nitrobenzene		< MDL		2.0
10	Isophorone		< MDL		2.0
11	bis(2-Chloroethoxy)methane		< MDL		2.0
12	1,2,4-Trichlorobenzene		< MDL		2.0
13	Naphthalene		< MDL		2.0
14	Hexachlorobutadiene		< MDL		2.0
15	2-Chloronaphthalene		< MDL		2.0
16	Dimethylphthalate		< MDL		2.0
17	2,6-Dinitrotoluene		< MDL		2.0
18	Acenaphthylene		< MDL		2.0
19	Acenaphthene		< MDL		2.0
20	2,4-Dinitrotoluene		< MDL		2.0
21	Diethylphthalate		< MDL		2.0
22	4-Chlorophenylphenylether		< MDL		2.0
23	Fluorene		< MDL		2.0
24	Azobenzene/1,2-Diphenylhydraz		< MDL		2.0
25	n-Nitrosodiphenylamine		< MDL		2.0
26	4-Bromophenylphenylether		< MDL		2.0
27	Hexachlorobenzene		< MDL		2.0
28	Phenanthrene		< MDL		2.0
29	Anthracene		< MDL		2.0
30	Di-n-butylphthalate		< MDL		2.0
31	Fluoranthene		< MDL		2.0
32	Pyrene		< MDL		2.0
33	Butylbenzylphthalate		< MDL		2.0
34	Benzo(a)anthracene		< MDL		2.0
35	bis(2-Ethylhexyl)phthalate		< MDL		2.0
36	Chrysene		< MDL		2.0
37	Di-n-octylphthalate		< MDL		2.0
38	Benzo(b)fluoranthene		< MDL		2.0
39	Benzo(k)fluoranthene		< MDL		2.0
40	Benzo(a)pyrene		< MDL		2.0
41	Indeno(1,2,3-cd)pyrene		< MDL		2.0
42	Dibenz(a,h)anthracene		< MDL		2.0
43	Benzo(g,h,i)perylene		< MDL		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\030402\0131LB.D Vial: 5
Acq On : 4 Mar 2002 1:32 pm Operator: McLean
Sample : 1/31 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 18 07:02:16 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	1423312	20.00	ug/L	0.03
10) Naphthalene-d8	13.05	136	3669127	20.00	ug/L	0.03
17) Acenaphthene-d10	18.17	164	2050202	20.00	ug/L	0.03
29) Phenanthrene-d10	22.52	188	3058698	20.00	ug/L	0.03
38) Chrysene-d12	30.33	240	2657594	20.00	ug/L	0.00
44) Perylene-d12	34.21	264	1629692	20.00	ug/L	0.03
System Monitoring Compounds						
37) 2,4-ddd surr	27.46	235	153724	4.21	ug/L	0.03
Spiked Amount 5.000			Recovery =	84.20%		
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	24.67	149	23876	0.15	ug/L	98
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	30.94	149	30973	0.30	ug/L	93
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
0131LB.D 5080302.M Mon Mar 18 07:03:37 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\030402\0131LB.D Vial: 5
Acq On : 4 Mar 2002 1:32 pm Operator: McLean
Sample : 1/31 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 18 07:02:16 2002 Quant Results File: 5080302.RES

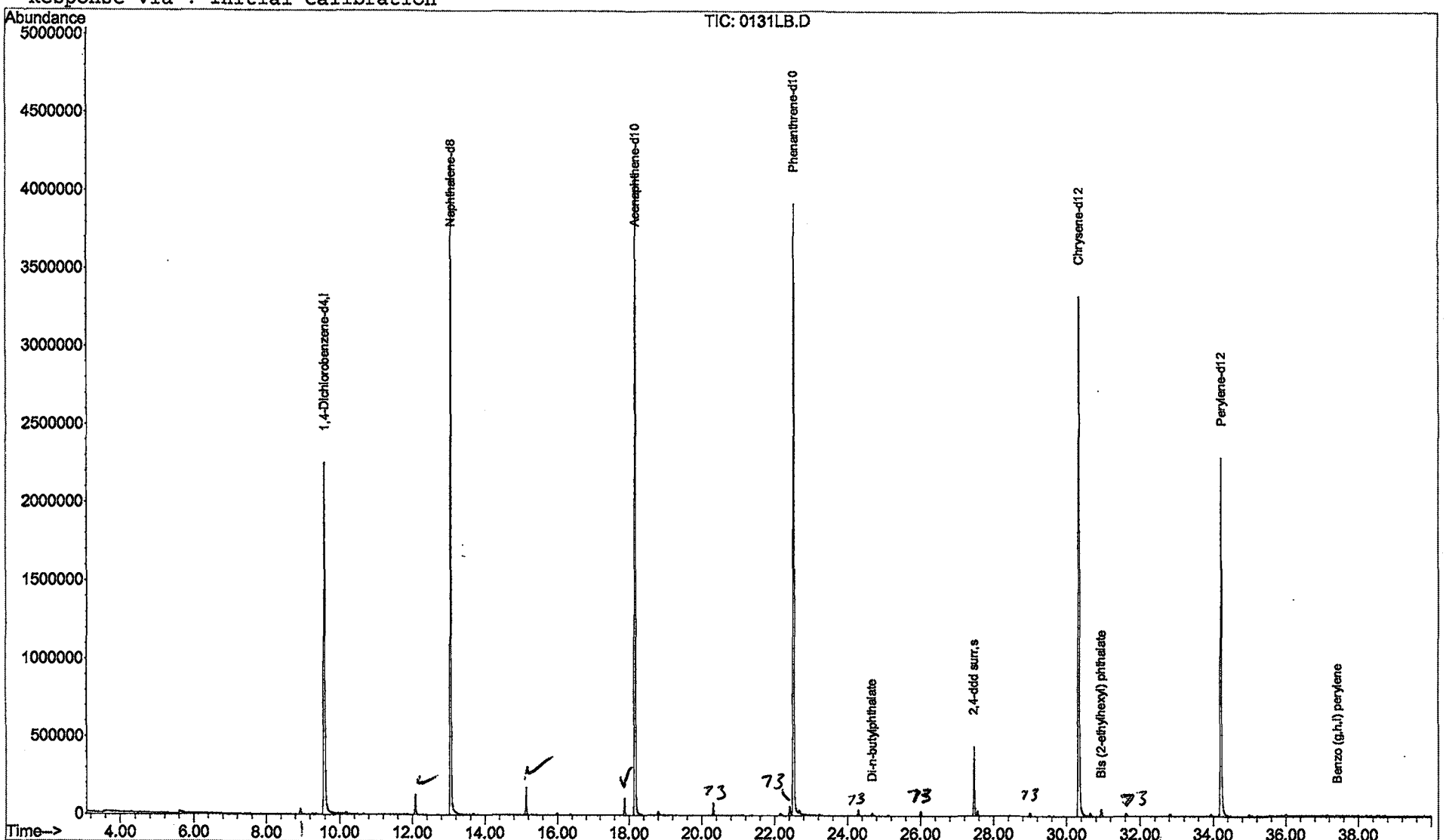
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	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	37.42	276	11148	0.21 ug/L	68

(#) = qualifier out of range (m) = manual integration
0131LB.D 5080302.M Mon Mar 18 07:03:37 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\030402\0131LB.D Vial: 5
Acq On : 4 Mar 2002 1:32 pm Operator: McLean
Sample : 1/31 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 18 7:03 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



0131LB.D 5080302.M Mon Mar 18 07:03:38 2002

S. loxane

S. loxane

LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\030402\0131LB.D Vial: 5
Acq On : 4 Mar 2002 1:32 pm Operator: McLean
Sample : 1/31 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

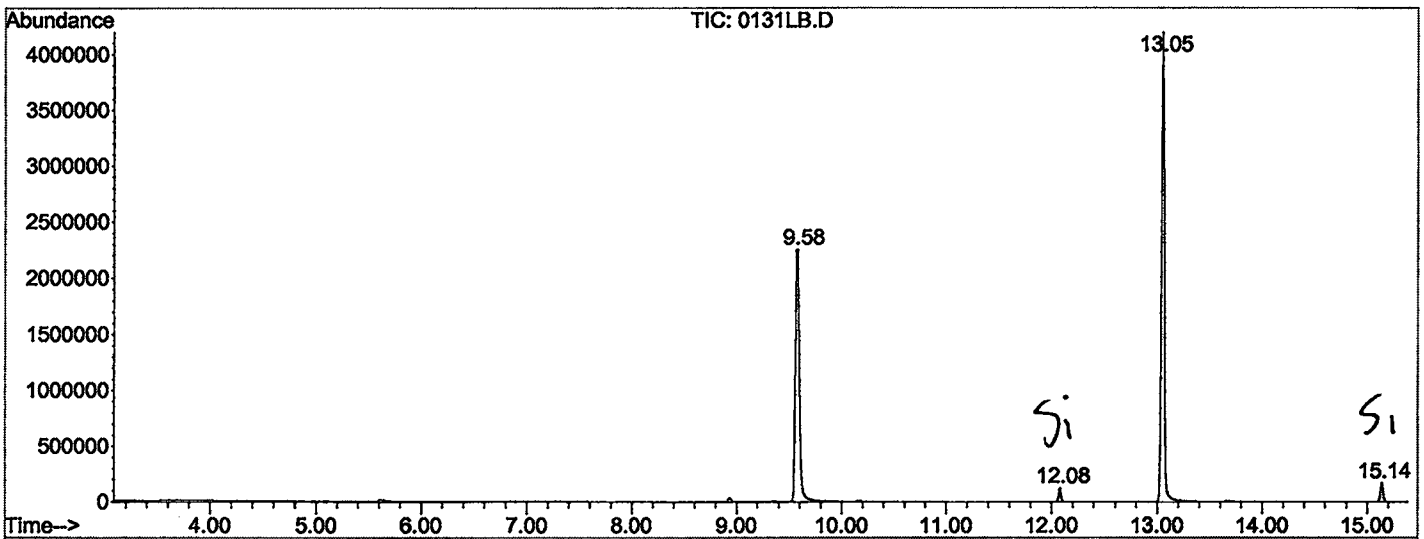
Signal : TIC

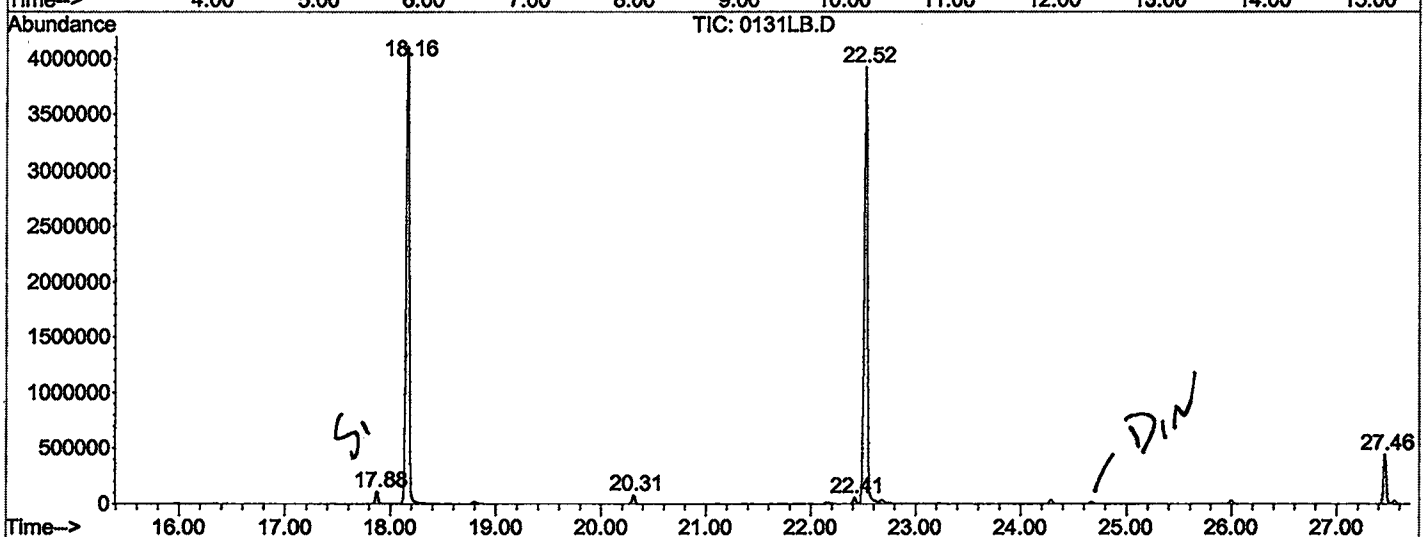
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.579	711	717	738	rBV	2251705	5908733	69.84%	12.999%
2	12.083	988	993	997	rVB	124532	197906	2.34%	0.435%
3	13.053	1094	1100	1114	rBV	4196998	7863245	92.94%	17.298%
4	15.139	1326	1330	1335	rBV2	172122	276266	3.27%	0.608%
5	17.879	1627	1632	1636	rBB	108388	185323	2.19%	0.408%
6	18.160	1657	1663	1678	rBV	4108987	8460473	100.00%	18.612%
7	20.309	1896	1900	1905	rBB	77111	132536	1.57%	0.292%
8	22.414	2128	2132	2138	rBV2	55630	94499	1.12%	0.208%
9	22.523	2138	2144	2158	rBV2	3923113	8366628	98.89%	18.406%
10	27.457	2684	2688	2695	rBV	443541	780907	9.23%	1.718%
11	30.332	2998	3005	3020	rBV	3333021	7796377	92.15%	17.151%
12	30.940	3067	3072	3080	rBV2	44606	96686	1.14%	0.213%
13	34.214	3425	3433	3446	rBV2	2299807	5297270	62.61%	11.653%

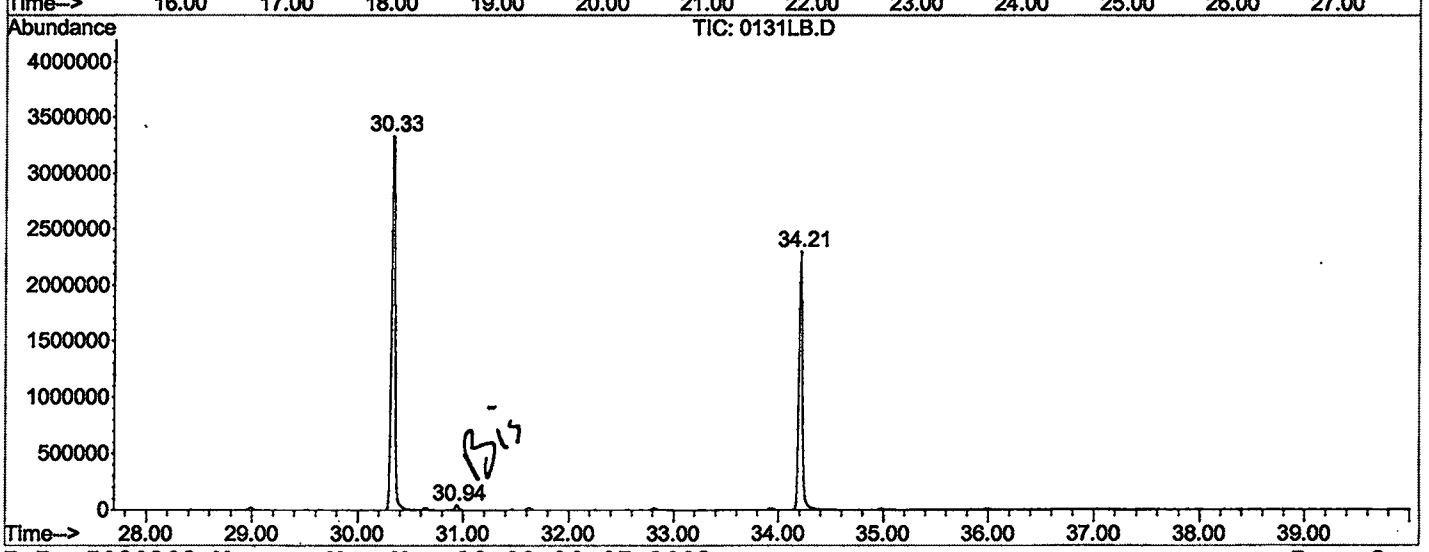
Sum of corrected areas: 45456849

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\030402\0131LB.D
Operator : McLean
Acquired : 4 Mar 2002 1:32 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 1/31
Misc Info :
Vial Number: 5
Quant File :5080302.RES (RTE Integrator)







Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\030402\0131LB.D Vial: 5
Acq On : 4 Mar 2002 1:32 pm Operator: McLean
Sample : 1/31 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

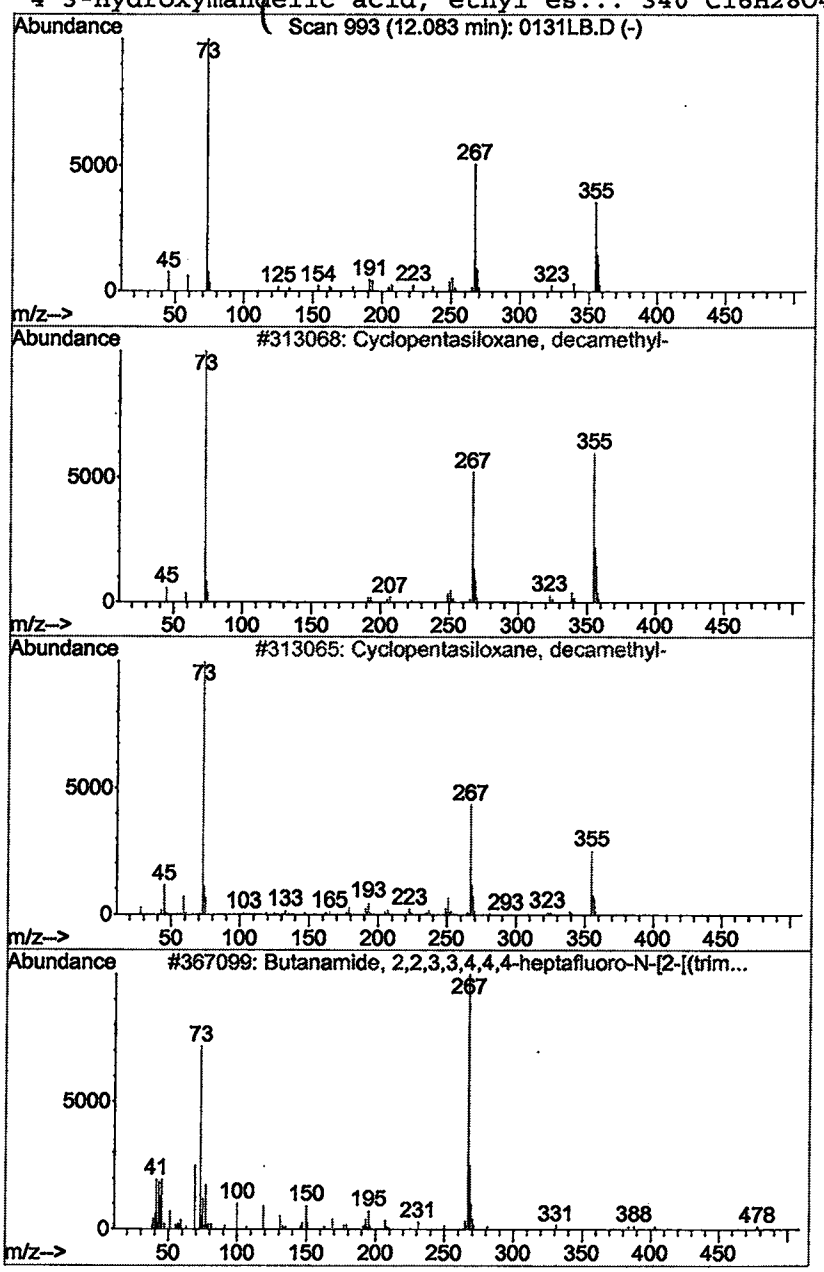
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

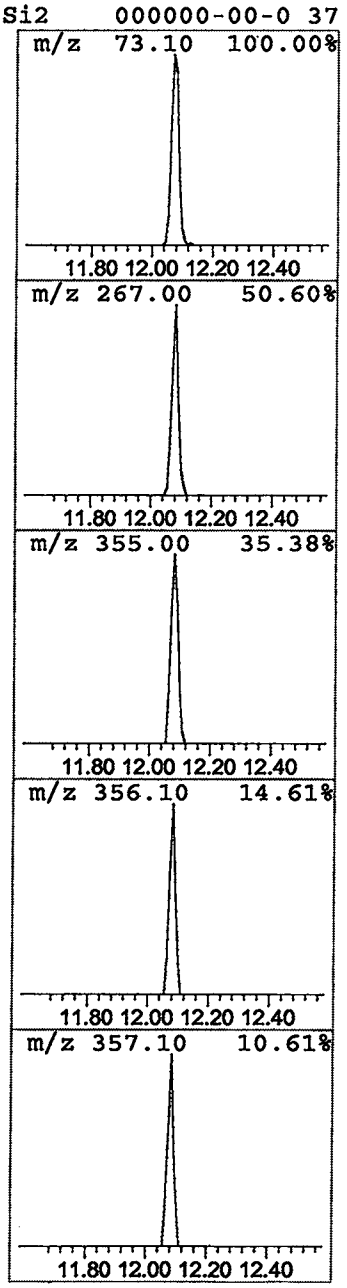
****

Peak Number 1 Cyclopentasiloxane, decamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	0.50 ug/L	197906	Naphthalene-d8	13.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	62
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	53
3	Butanamide, 2,2,3,3,4,4,4-heptaf...	493	C18H26F7NO3Si2	055471-01-7	37
4	3-Hydroxymandelic acid, ethyl es...	340	C16H28O4Si2	000000-00-0	37





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\030402\0131LB.D Vial: 5
Acq On : 4 Mar 2002 1:32 pm Operator: McLean
Sample : 1/31 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

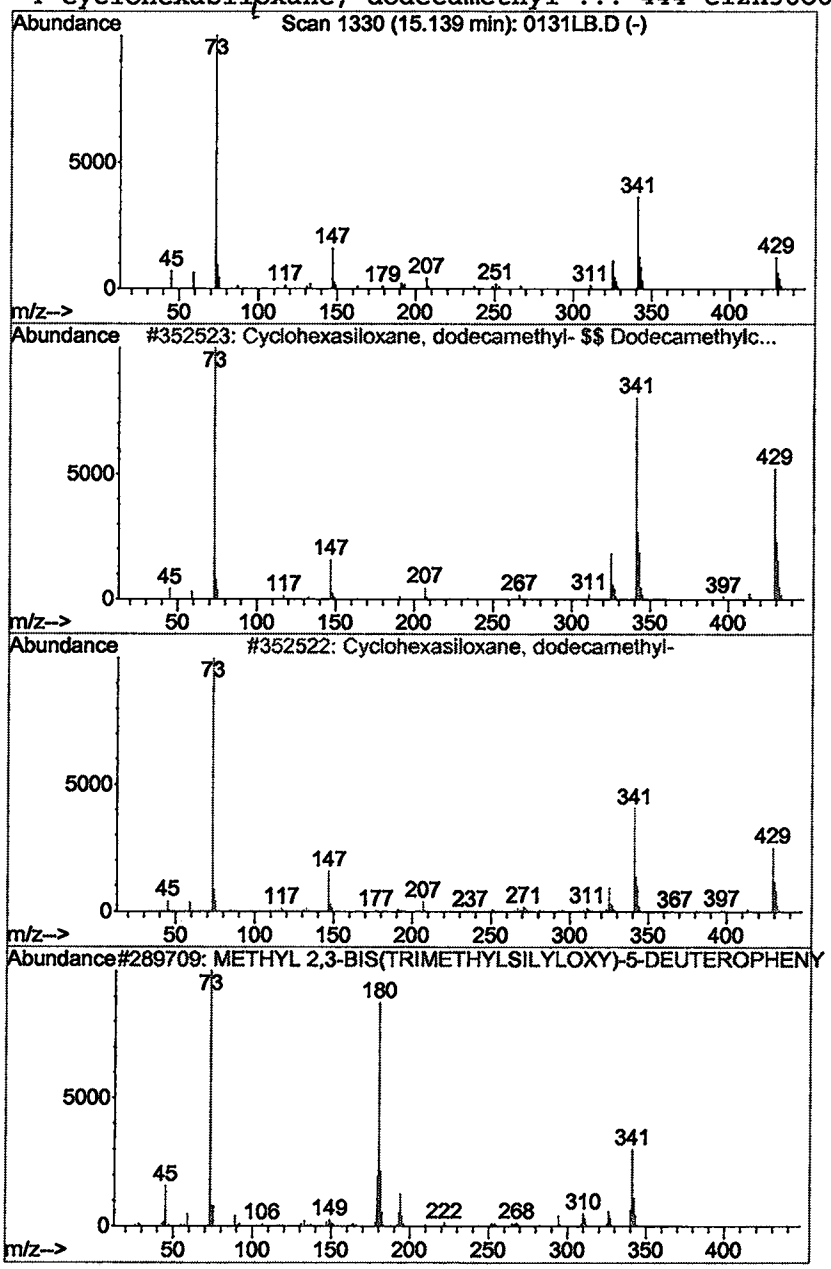
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

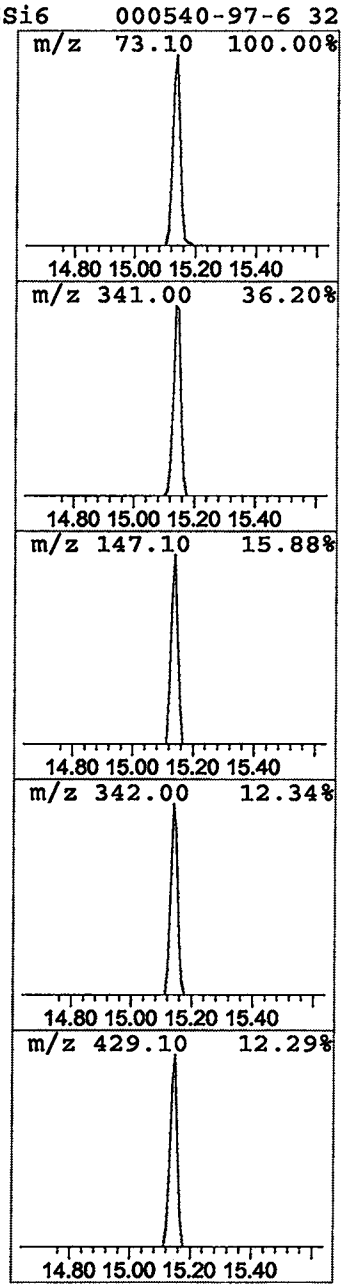
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	0.70 ug/L	276266	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	90
3	METHYL 2,3-BIS(TRIMETHYLSILYLOXY...	341	C16H27DO4Si2	000000-00-0	40
4	Cyclohexasiloxane, dodecamethyl-...	444	C12H36O6Si6	000540-97-6	32





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\030402\0131LB.D Vial: 5
Acq On : 4 Mar 2002 1:32 pm Operator: McLean
Sample : 1/31 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

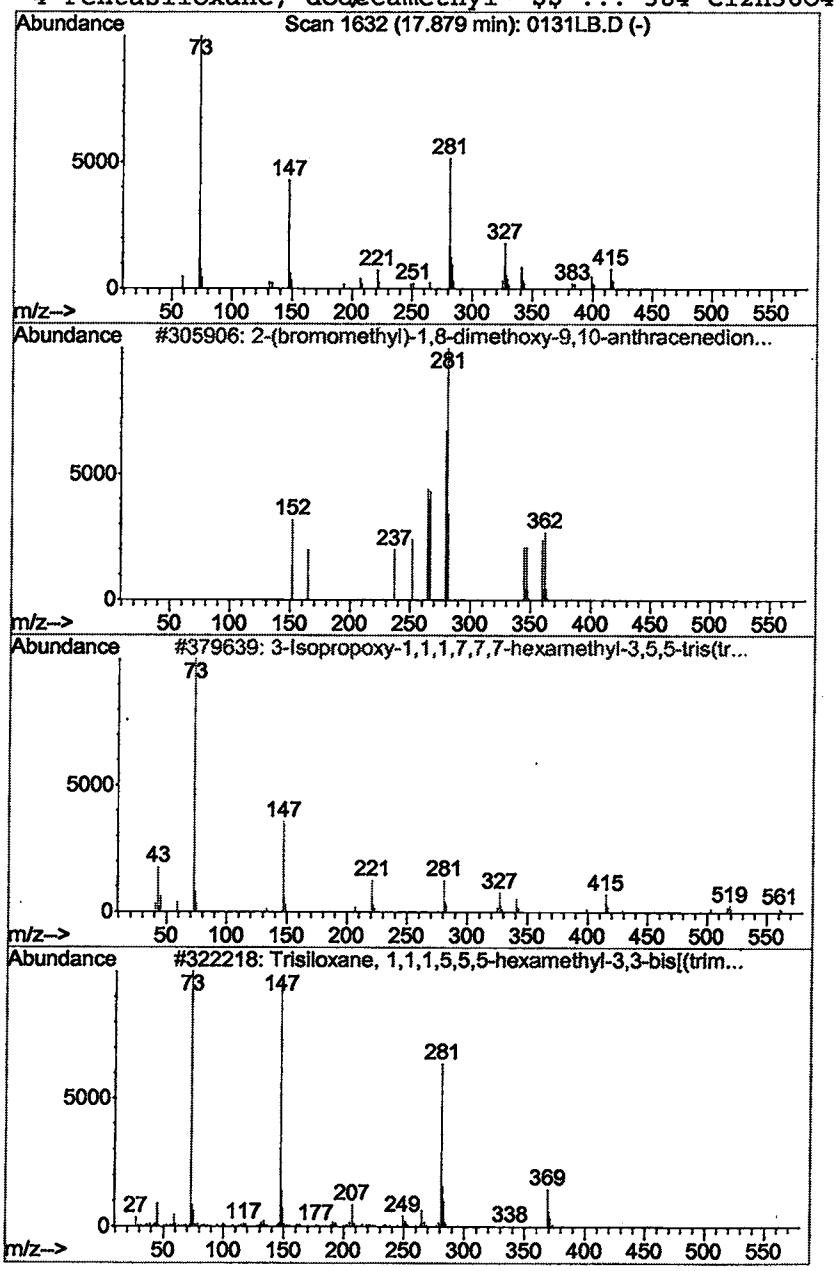
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

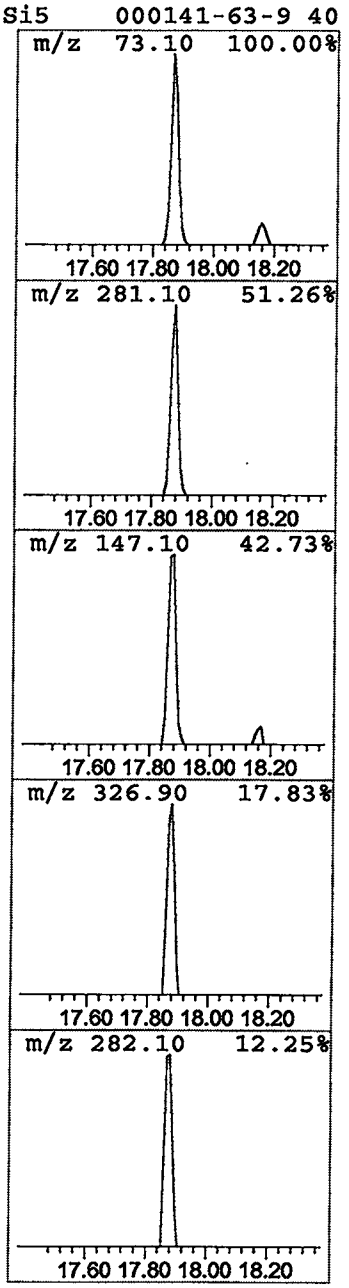
****

Peak Number 3 2-(bromomethyl)-1,8-dimetho... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	0.44 ug/L	185323	Acenaphthene-d10	18.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(bromomethyl)-1,8-dimethoxy-9,...	360	C17H13BrO4	107960-83-8	52
2	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	50
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	43
4	Pentasiloxane, dodecamethyl- $$ ...	384	C12H36O4Si5	000141-63-9	40





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 4 Mar 2002 1:32 pm
Data File: C:\MSDCHEM\1\DATA\030402\0131LB.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	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Cyclopentasiloxan...	12.08	0.5	ug/L	197906	2	13.05	7863250	20.0
Cyclohexasiloxane...	15.14	0.7	ug/L	276266	2	13.05	7863250	20.0
2-(bromomethyl)-1...	17.88	0.4	ug/L	185323	3	18.17	8460470	20.0

volume