User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 04/09/2002 Time: 12:39:15

Sample: AE06049
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 3/15/02 12:32 Ended: 4/5/02 12:32 Analyst: TB
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-Diphenylhydr		< 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\040502\LBA0405.D Vial: 4
Acq On : 5 Apr 2002 10:54 pm Operator: Bohlk
Sample : LB 3/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 08 11:20:12 2002 Quant Results File: 5080402.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 08 06:47:22 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.46	152	1139929	20.00	ug/L	-0.01
10) Naphthalene-d8	12.94	136	5308439	20.00	ug/L	0.00
17) Acenaphthene-d10	18.05	164	2996020	20.00	ug/L	0.00
29) Phenanthrene-d10	22.41	188	4271485	20.00	ug/L	-0.01
38) Chrysene-d12	30.24	240	3131681	20.00	ug/L	-0.01
44) Perylene-d12	34.11	264	1769513	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD (SURR)	27.36	235	179789	4.24	ug/L	0.00
Spiked Amount 5.000			Recovery = 84.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.	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.		
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	30.85	149	6152	0.06	ug/L	89
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\040502\LBA0405.D Vial: 4
Acq On : 5 Apr 2002 10:54 pm Operator: Bohlk
Sample : LB 3/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 08 11:20:12 2002 Quant Results File: 5080402.RES

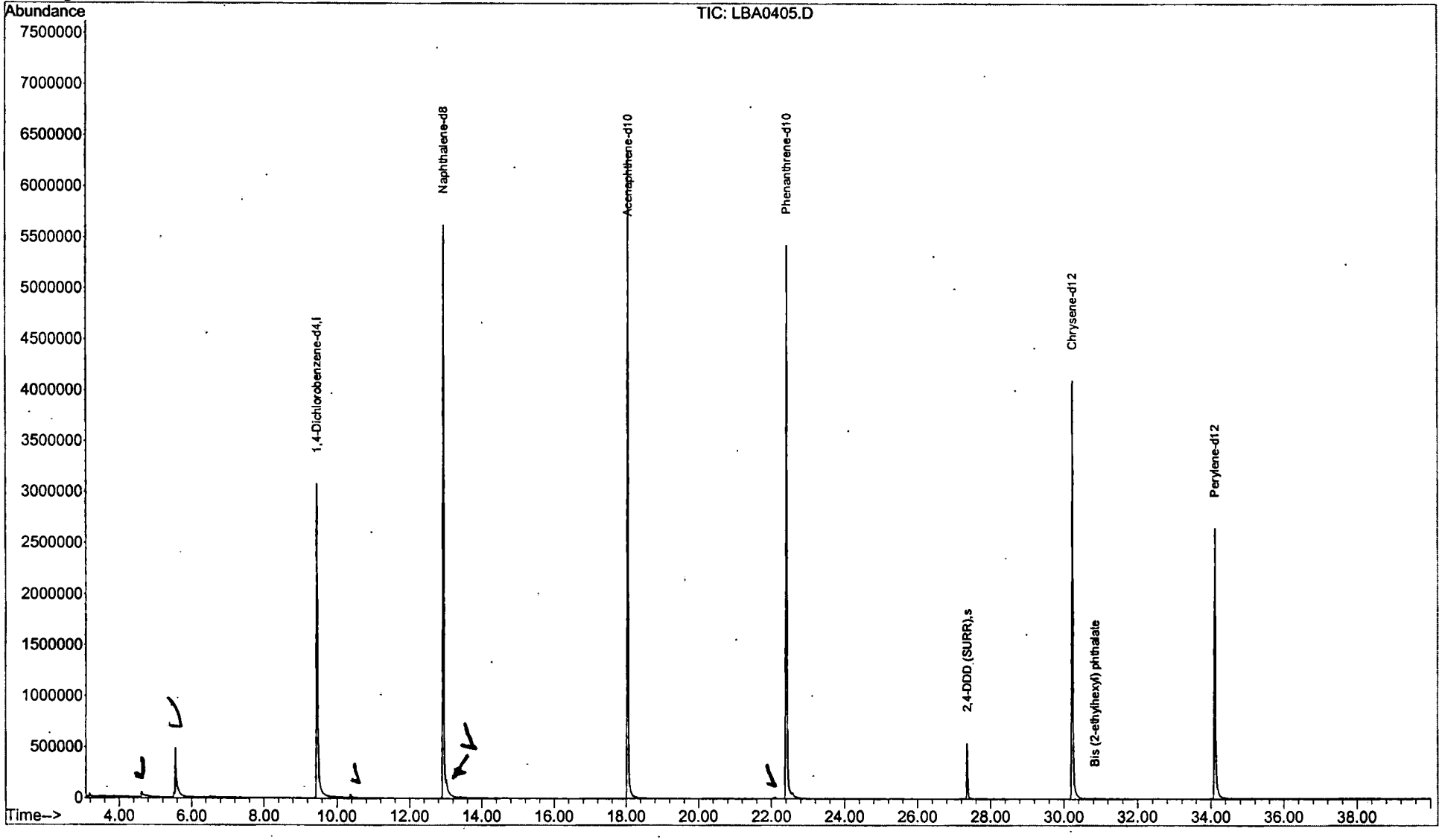
Quant Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 08 06:47:22 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

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\040502\LBA0405.D Vial: 4
Acq On : 5 Apr 2002 10:54 pm Operator: Bohlk
Sample : LB 3/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 8 11:22 2002 Quant Results File: 5080402.RES

Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 08 06:47:22 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\040502\LBA0405.D Vial: 4
Acq On : 5 Apr 2002 10:54 pm Operator: Bohlk
Sample : LB 3/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080402.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

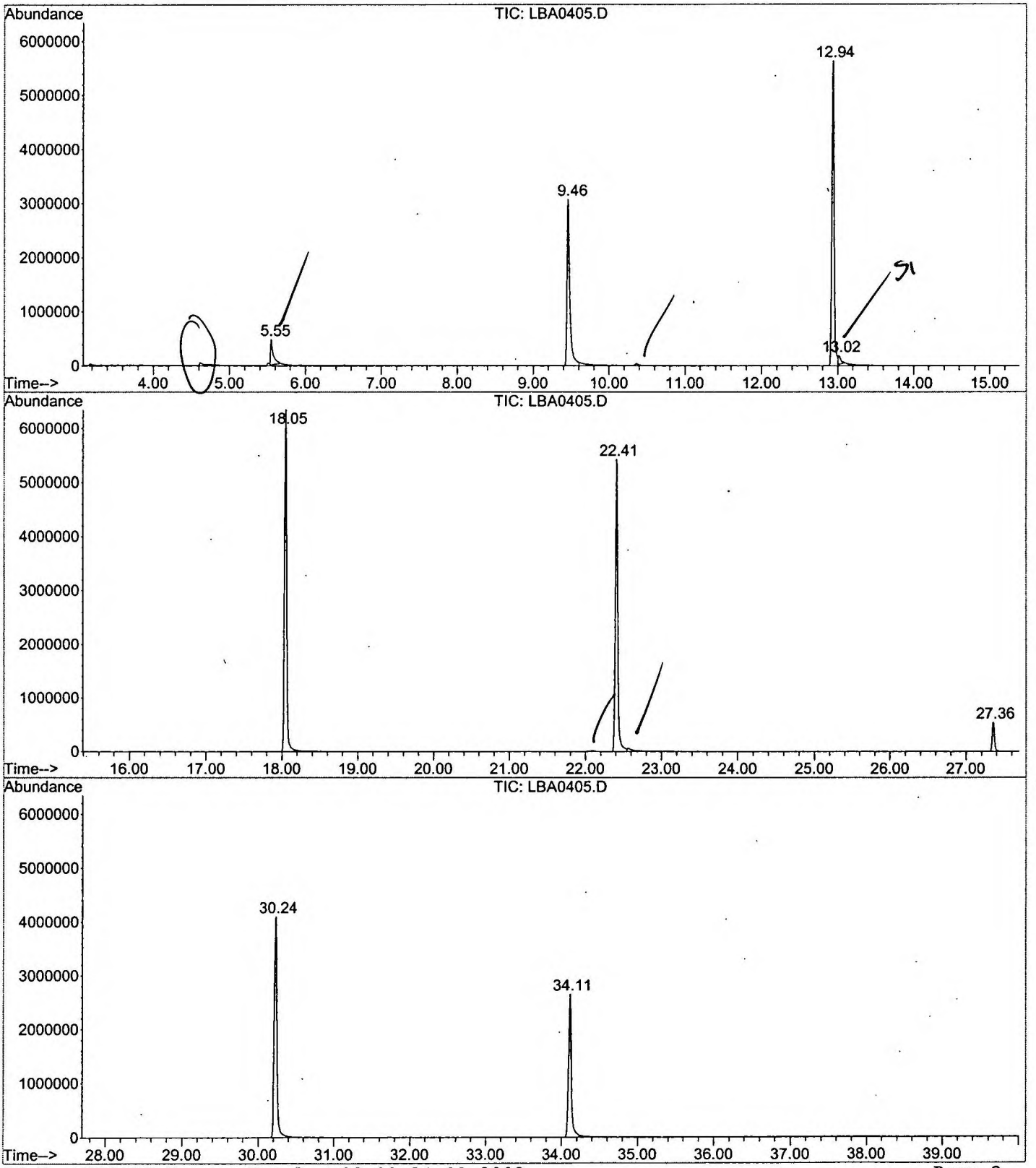
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.547	417	420	441	rVV	461990	1142958	8.84%	1.788%
2	9.460	1079	1086	1110	rBV	3073335	7780851	60.16%	12.172%
3	12.938	1669	1678	1689	rBV	5624272	11374321	87.94%	17.794%
4	13.021	1689	1692	1706	rVB3	144906	382853	2.96%	0.599%
5	18.050	2538	2548	2568	rBV	6345531	12933906	100.00%	20.234%
6	22.410	3280	3290	3313	rBV2	5425843	12459247	96.33%	19.491%
7	27.357	4125	4132	4145	rBV2	540136	1061498	8.21%	1.661%
8	30.236	4611	4622	4646	rBV2	4097711	10093544	78.04%	15.790%
9	34.114	5271	5282	5302	rBV2	2651609	6692631	51.74%	10.470%

Sum of corrected areas: 63921809

1

·LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\040502\LBA0405.D
Operator : Bohlk
Acquired : 5 Apr 2002 10:54 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: LB 3/15/02
Misc Info :
Vial Number: 4
Quant File :5080402.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\040502\LBA0405.D Vial: 4
Acq On : 5 Apr 2002 10:54 pm Operator: Bohlk
Sample : LB 3/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

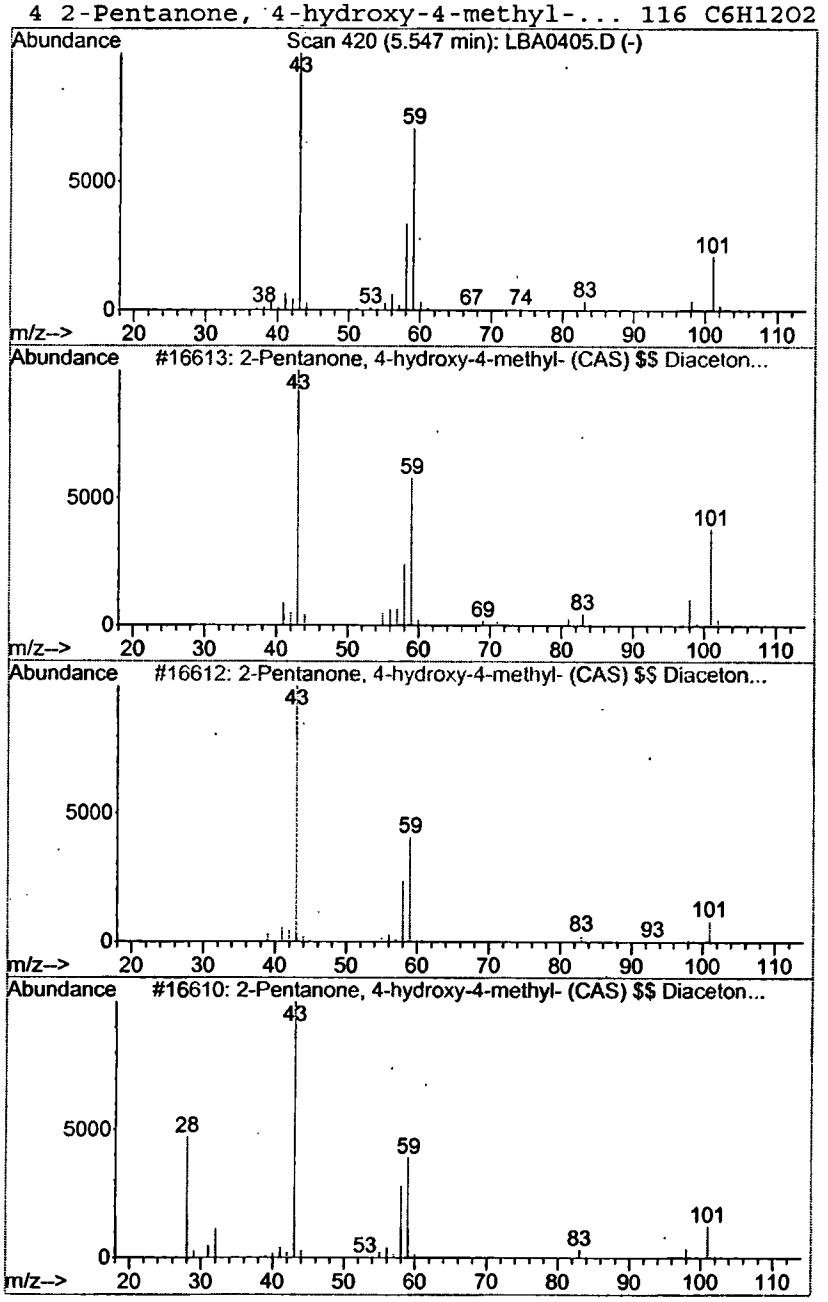
Quant Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

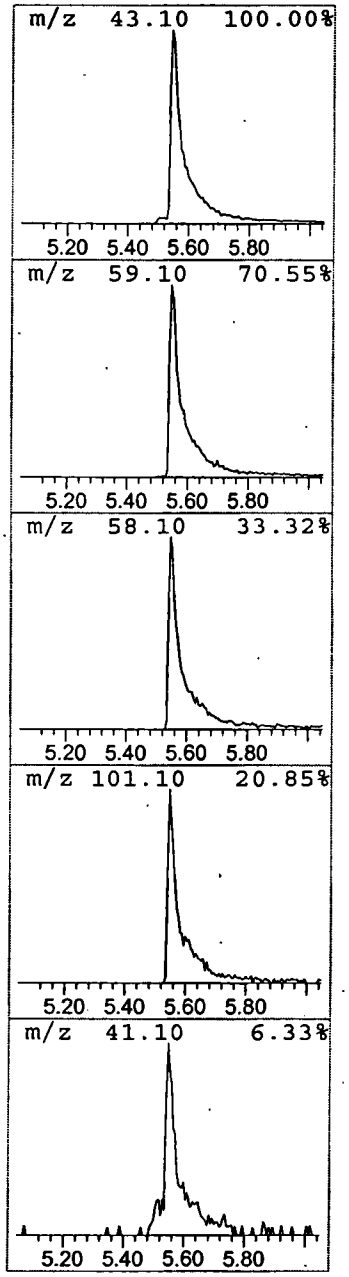
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	2.94 ug/L	1142960	1,4-Dichlorobenzene-d4	9.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	78
2	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	74
3	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	72
4	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	64





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\040502\LBA0405.D Vial: 4
Acq On : 5 Apr 2002 10:54 pm Operator: Bohlk
Sample : LB 3/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

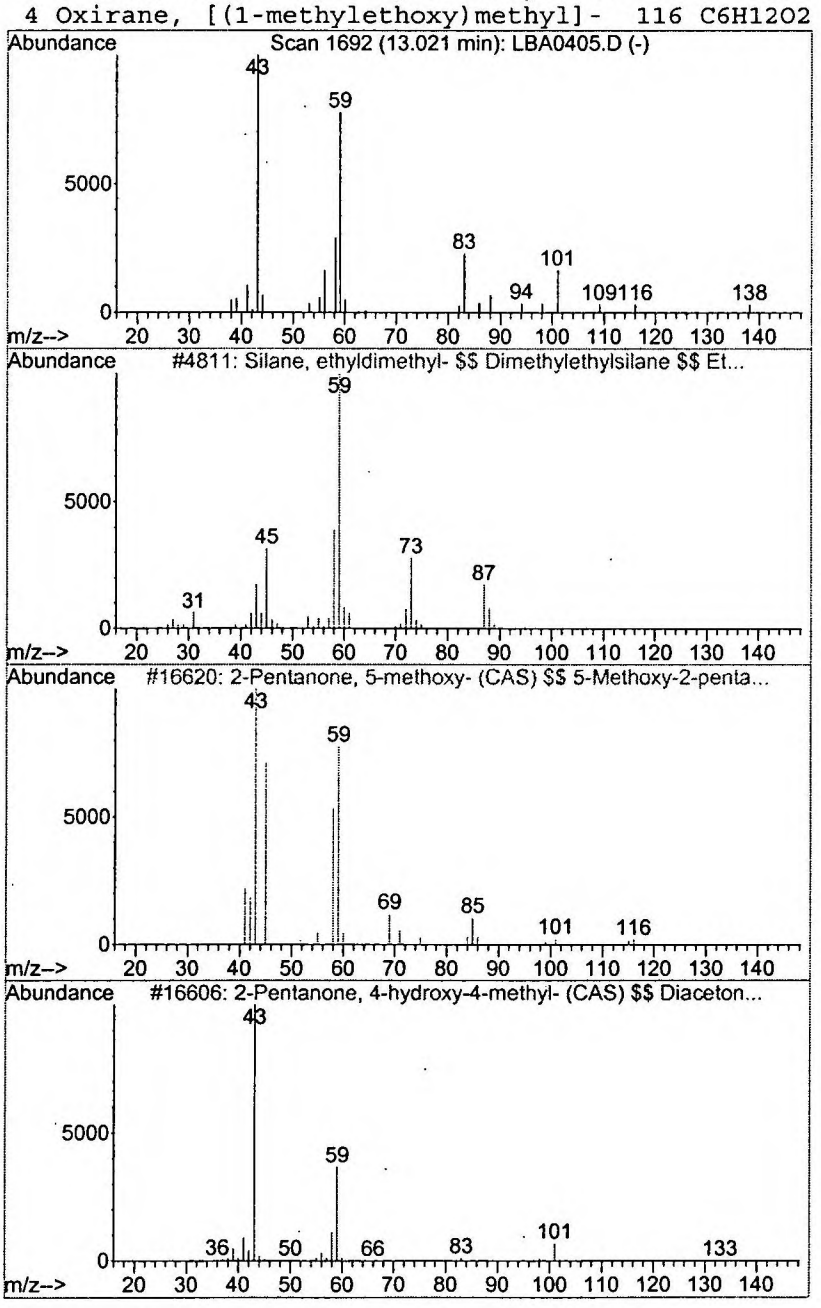
Quant Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

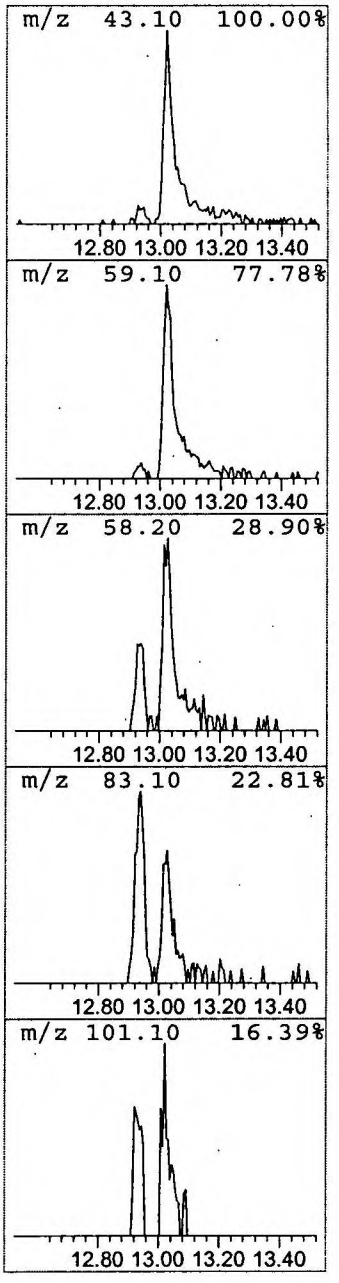
****

Peak Number 2 Silane, ethyldimethyl- $$ D... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	0.67 ug/L	382853	Naphthalene-d8	12.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, ethyldimethyl- $$ Dimeth...	88	C4H12Si	000758-21-4	47
2	2-Pentanone, 5-methoxy- (CAS) $$...	116	C6H12O2	017429-04-8	47
3	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	45
4	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	38





Tentatively Identified Compound (LSC) summary

Operator ID: Bohlk Date Acquired: 5 Apr 2002 10:54 pm
Data File: C:\MSDCHEM\1\DATA\040502\LBA0405.D
Name: LB 3/15/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.55	2.9	ug/L	1142960	1	9.46	7780850	20.0
Silane, ethyldime...	13.02	0.7	ug/L	382853	2	12.94	11374300	20.0