User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 04/26/2002 Time: 14:38:25

Sample: AE08936
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 4/15/02 14:31 Ended: 4/22/02 14:31 Analyst: TB
Result source: manual entry
Page: 1

	Component Name	Vial	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		< 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\042202\LBAA422.D Vial: 5
Acq On : 22 Apr 2002 2:22 pm Operator: Bohlk
Sample : LB 4/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 25 14:25:56 2002 Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Apr 24 11:07:03 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.42	152	419441	40.00	ug/L	0.00
10) Naphthalene-d8	12.89	136	1967754	40.00	ug/L	0.00
17) Acenaphthene-d10	17.99	164	1149599	40.00	ug/L	0.00
30) Phenanthrene-d10	22.34	188	1585244	40.00	ug/L	0.00
39) Chrysene-d12	30.14	240	1197814	40.00	ug/L	-0.01
45) Perylene-d12	34.02	264	697206	40.00	ug/L	0.00
System Monitoring Compounds						
28) TCMX (SURR)	19.96	244	28683	6.25	ug/L	0.00
Spiked Amount 10.000			Recovery = 62.50%			
38) 2,4-DDD (SURR)	0.00	235	0	0.00	ug/L	
Spiked Amount 10.000			Recovery = 0.00%			
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.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	169	0	N.D.		
32) 4-Bromophenyl-phenyl ether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	0.00	178	0	N.D.		
35) Anthracene	0.00	178	0	N.D.		
36) Di-n-butylphthalate	0.00	149	0	N.D.		
37) Fluoranthene	0.00	202	0	N.D.		
40) Pyrene	0.00	202	0	N.D.		
41) Butylbenzylphthalate	0.00	149	0	N.D.		
42) Benzo (a) antracene	0.00	228	0	N.D.	d	
43) Bis (2-ethylhexyl) phthala	0.00	149	0	N.D.		
44) Chrysene	0.00	228	0	N.D.	d	

(#) = qualifier out of range (m) = manual integration
LBAA422.D 5080402BBC.M Thu Apr 25 14:26:58 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042202\LBAA422.D Vial: 5
Acq On : 22 Apr 2002 2:22 pm Operator: Bohlk
Sample : LB 4/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 25 14:25:56 2002 Quant Results File: 5080402BBC.RES

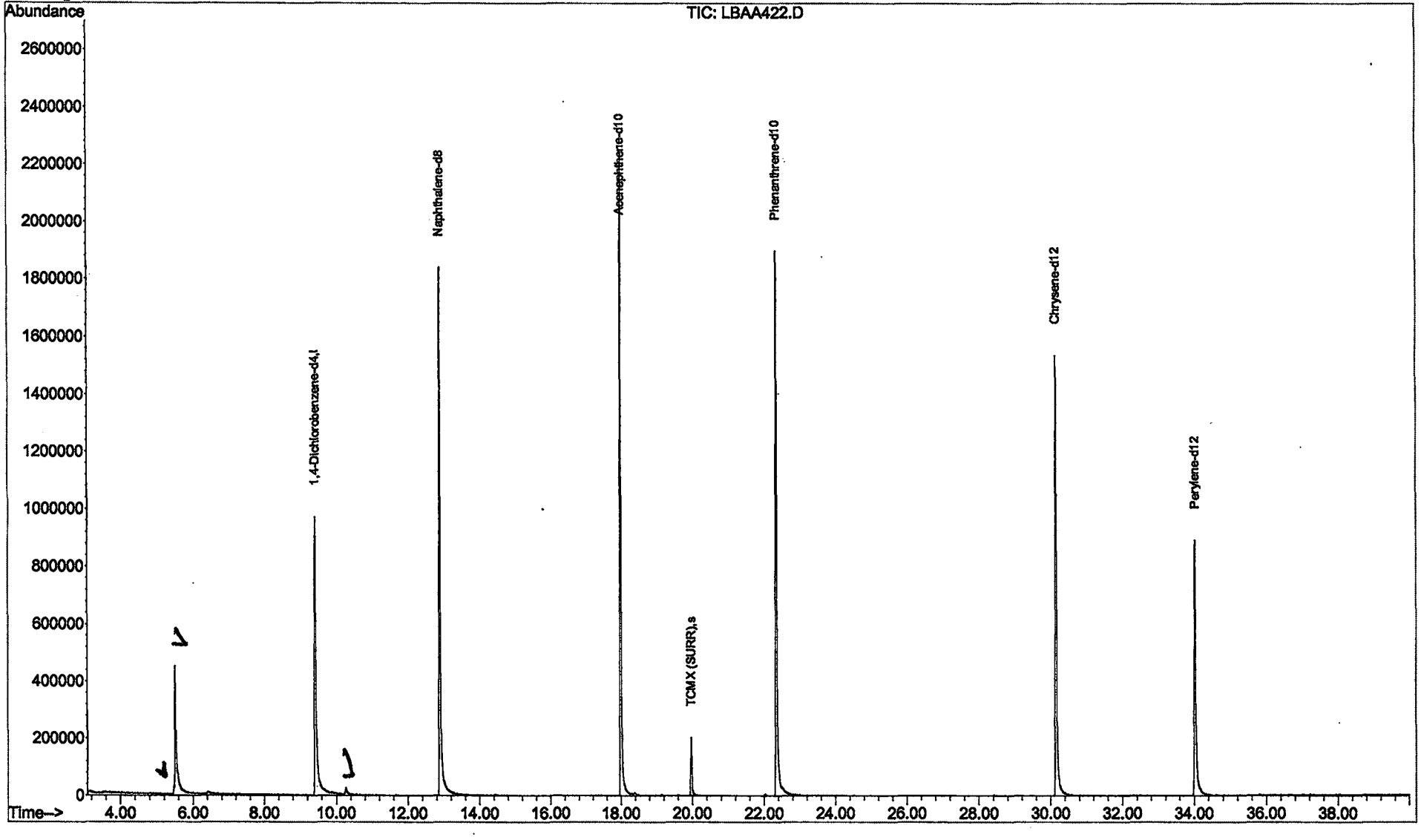
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Apr 24 11:07:03 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
46) Di-n-Octylphthalate	0.00	149	0	N.D.	
47) Benzo (b) fluoranthene	0.00	252	0	N.D.	
48) Benzo (k) fluoranthene	0.00	252	0	N.D.	
49) Benzo (a) pyrene	0.00	252	0	N.D.	
50) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
51) Dibenz (a,h) anthracene	0.00	278	0	N.D.	
52) Benzo (g,h,i) perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration
LBAA422.D 5080402BBC.M Thu Apr 25 14:26:58 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\042202\LBAA422.D Vial: 5
Acq On : 22 Apr 2002 2:22 pm Operator: Bohlk
Sample : LB 4/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 25 14:26 2002 Quant Results File: 5080402BBC.RES

Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Apr 24 11:07:03 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\042202\LBAA422.D Vial: 5
Acq On : 22 Apr 2002 2:22 pm Operator: Bohlk
Sample : LB 4/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

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

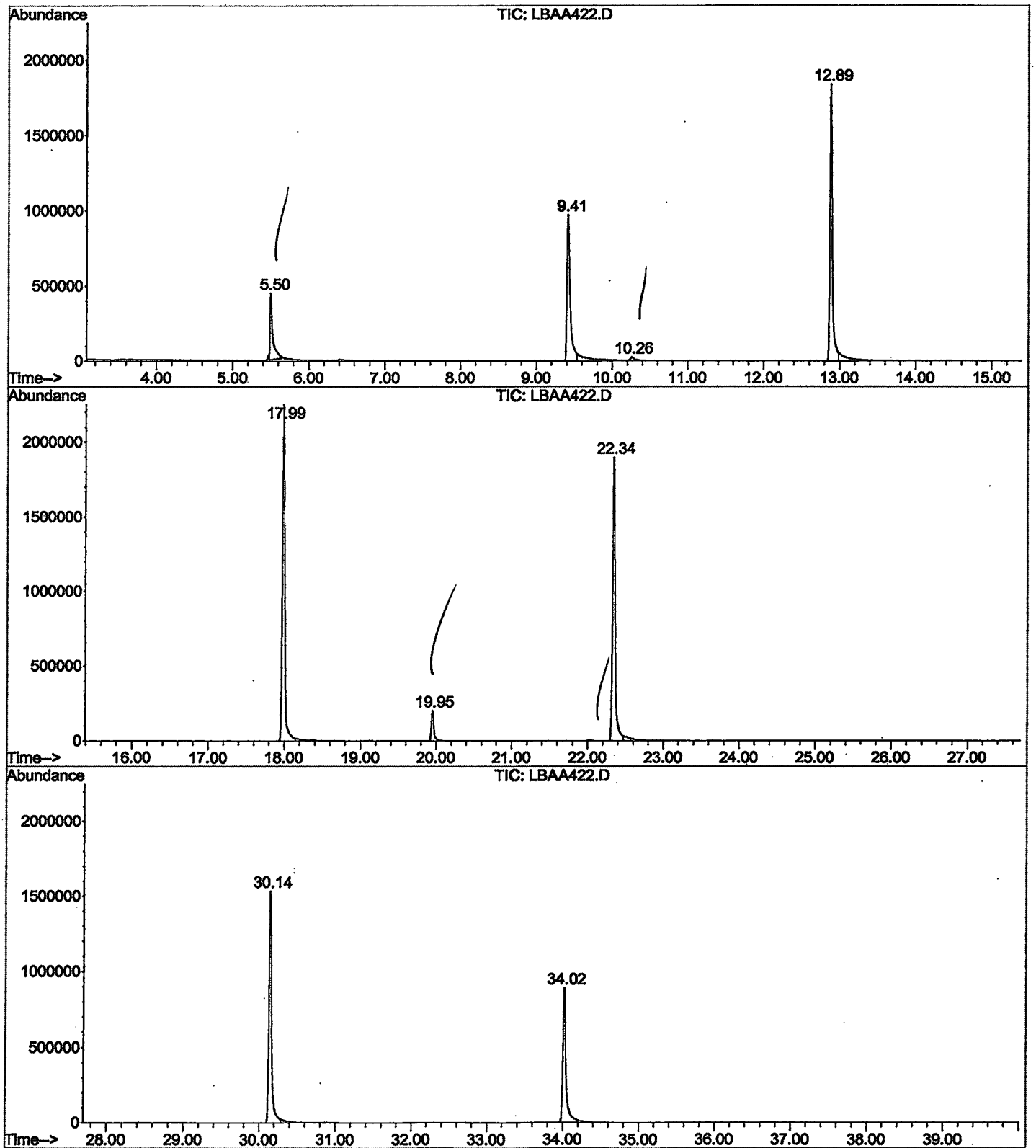
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.500	409	412	440	rVB	441461	1072272	22.07%	4.430%
2	9.413	1072	1078	1099	rBV	970973	2799261	57.62%	11.564%
3	10.259	1212	1222	1229	rBV3	24699	67441	1.39%	0.279%
4	12.885	1661	1669	1686	rBV	1839163	4130937	85.03%	17.066%
5	17.985	2529	2537	2565	rBV	2249567	4857984	100.00%	20.070%
6	19.954	2865	2872	2883	rBV2	202101	441986	9.10%	1.826%
7	22.339	3270	3278	3300	rBV2	1898252	4510489	92.85%	18.634%
8	30.142	4598	4606	4630	rBV2	1534666	3764308	77.49%	15.551%
9	34.020	5256	5266	5296	rBV2	891675	2560976	52.72%	10.580%

Sum of corrected areas: 24205654

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\042202\LBAA422.D
Operator : Bohlk
Acquired : 22 Apr 2002 2:22 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: LB 4/15/02
Misc Info :
Vial Number: 5
Quant File :5080402BBC.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\042202\LBAA422.D Vial: 5
Acq On : 22 Apr 2002 2:22 pm Operator: Bohlk
Sample : LB 4/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

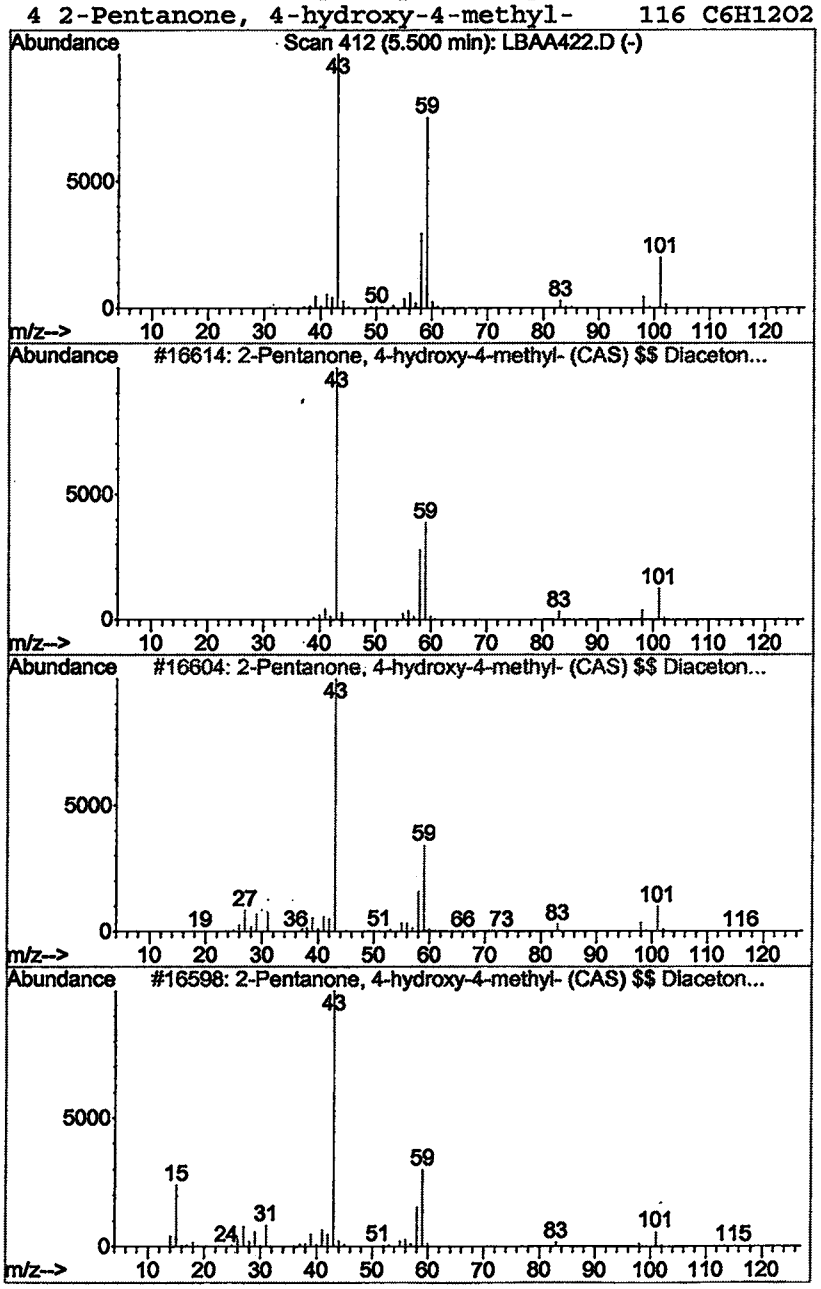
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

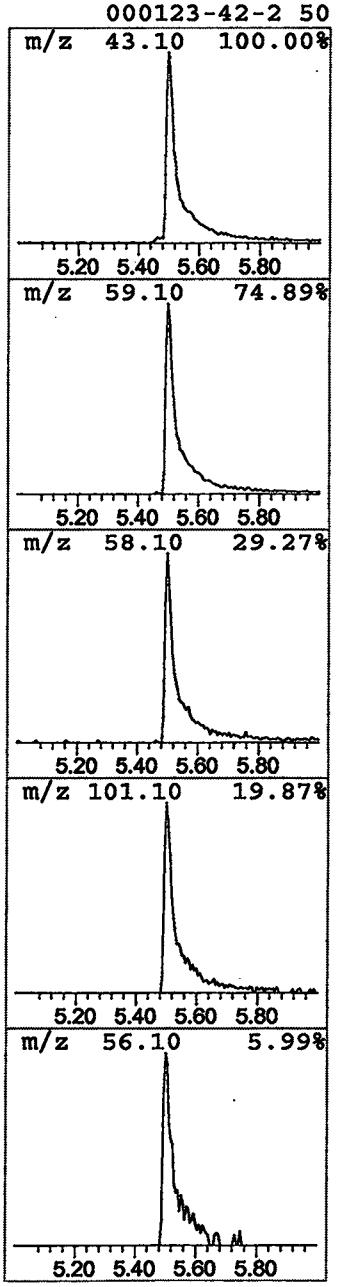
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	15.32 ug/L	1072270	1,4-Dichlorobenzene-d4	9.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	64
2	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	64
3	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	50
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\042202\LBAA422.D Vial: 5
Acq On : 22 Apr 2002 2:22 pm Operator: Bohlk
Sample : LB 4/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

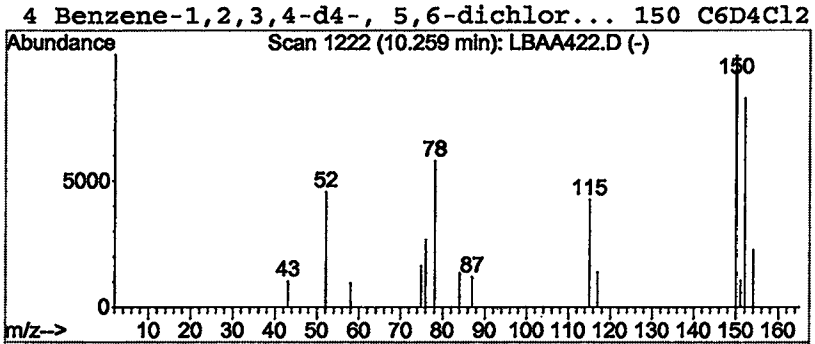
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

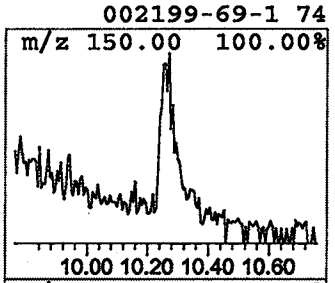
****

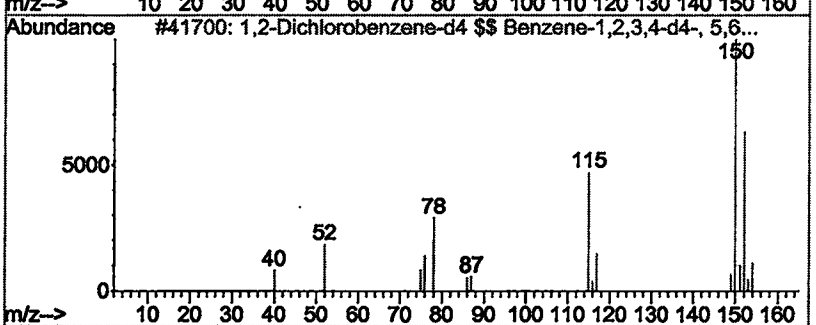
Peak Number 2 1,2-Dichlorobenzene-d4 $$ B... Concentration Rank 2

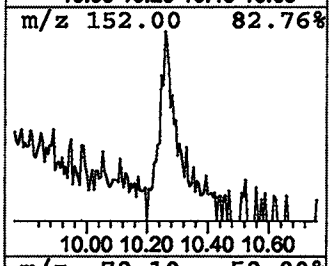
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	0.96 ug/L	67441	1,4-Dichlorobenzene-d4	9.42

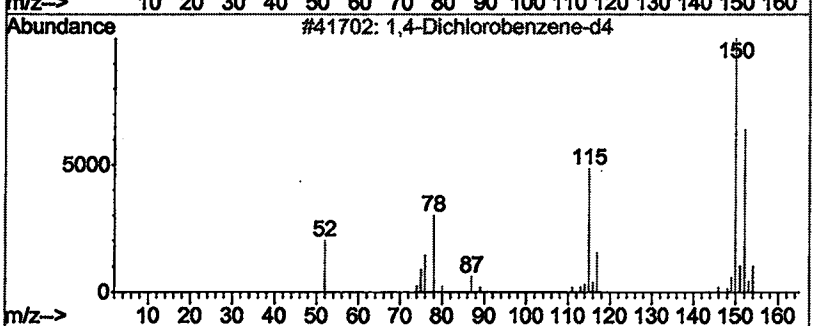
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dichlorobenzene-d4 $$ Benzen...	150	C6D4Cl2	002199-69-1	91
2	1,4-Dichlorobenzene-d4	150	C6D4Cl2	003855-82-1	91
3	1,4-Dichlorobenzene-d4	150	C6D4Cl2	003855-82-1	87
4	Benzene-1,2,3,4-d4-, 5,6-dichlor...	150	C6D4Cl2	002199-69-1	74

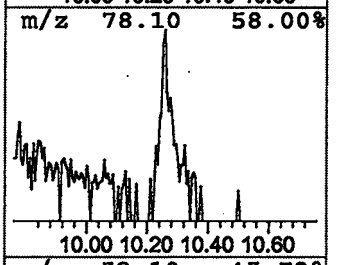


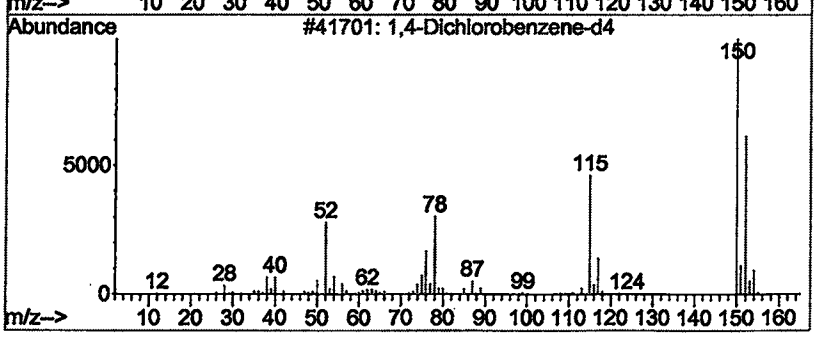


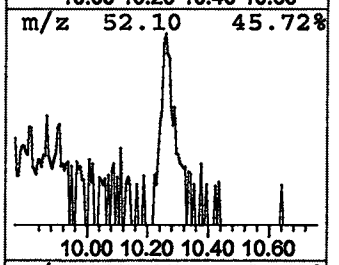


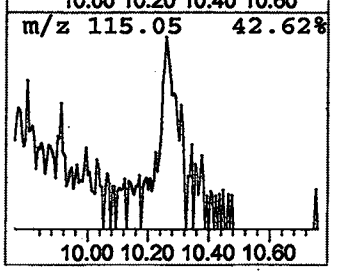












Tentatively Identified Compound (LSC) summary

Operator ID: Bohlk Date Acquired: 22 Apr 2002 2:22 pm
Data File: C:\MSDCHEM\1\DATA\042202\LBAA422.D
Name: LB 4/15/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080402BBC.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...	5.50	15.3	ug/L	1072270	1	9.42	2799260	40.0
1,2-Dichlorobenze...	10.26	1.0	ug/L	67441	1	9.42	2799260	40.0