Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022702\02579.D Vial: 22
Acq On : 28 Feb 2002 3:07 am Operator: McLean
Sample : GC SCAN 2/4 B Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 01 09:05:03 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 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	2297098	20.00	ug/L	0.00
10) Naphthalene-d8	13.06	136	6005004	20.00	ug/L	0.00
17) Acenaphthene-d10	18.18	164	3320104	20.00	ug/L	0.00
29) Phenanthrene-d10	22.53	188	5167993	20.00	ug/L	0.00
38) Chrysene-d12	30.35	240	4921308	20.00	ug/L	0.00
44) Perylene-d12	34.23	264	3468255	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.47	235	229338	2.80	ug/L	0.00
Spiked Amount 5.000			Recovery =	56.00%		
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	24.67	149	6032	0.02	ug/L	79
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	30.95	149	10119	0.05	ug/L	92
43) Chrysene	30.36	228	12957	0.04	ug/L	70
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

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Sample : GC SCAN 2/4 B Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 01 09:05:03 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

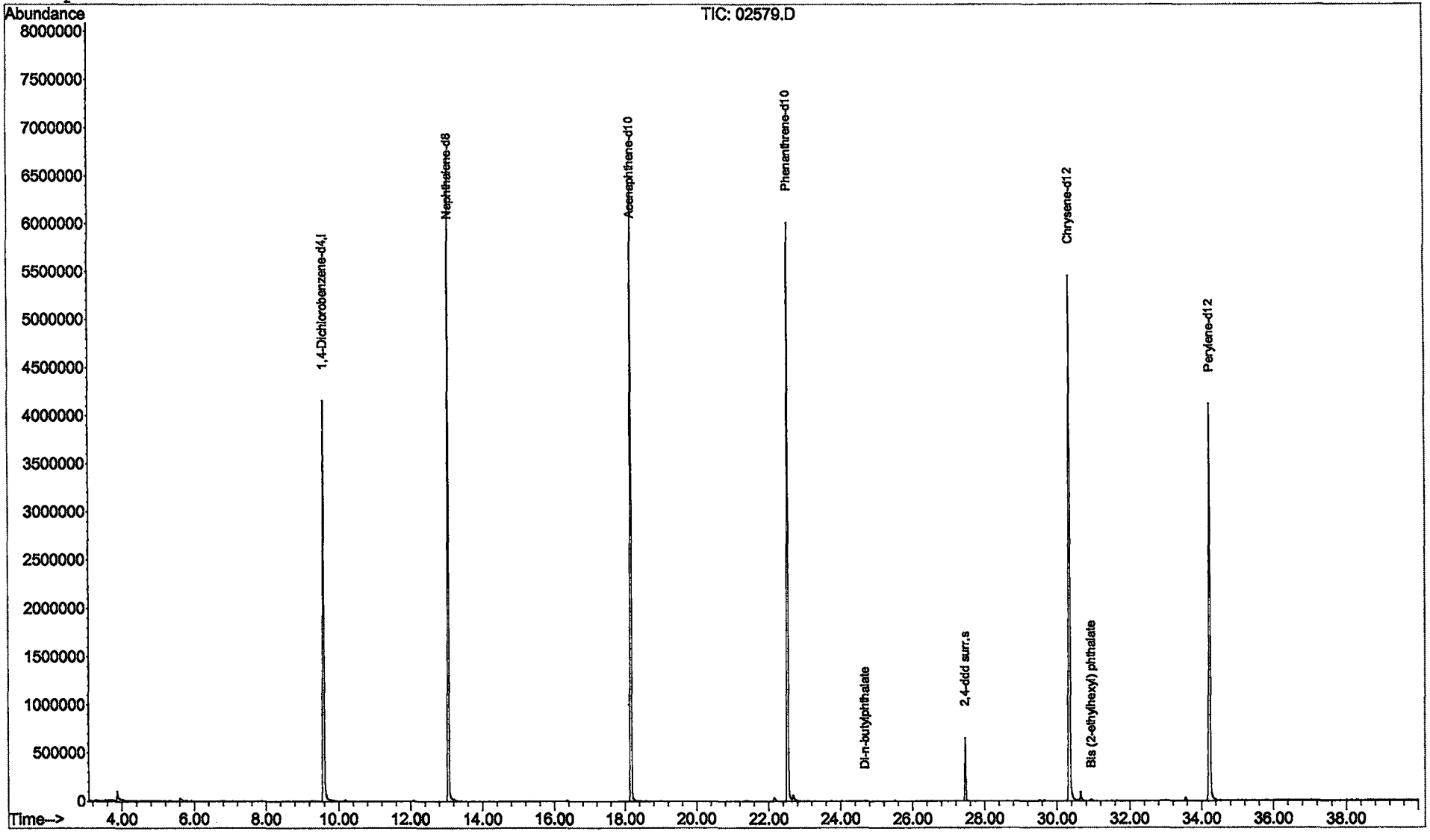
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47) Benzo (k) fluoranthene	0.00	252	0	N.D.		
48) Benzo (a) pyrene	0.00	252	0	N.D.	d	
49) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.		
50) Dibenz (a,h) anthracene	0.00	278	0	N.D.		
51) Benzo (g,h,i) perylene	0.00	276	0	N.D.		

(#) = qualifier out of range (m) = manual integration
02579.D 5080202.M Fri Mar 01 09:05:30 2002 Page 2

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022702\02579.D Vial: 22
Acq On : 28 Feb 2002 3:07 am Operator: McLean
Sample : GC SCAN 2/4 B Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 1 9:05 2002 Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\022702\02579.D Vial: 22
Acq On : 28 Feb 2002 3:07 am Operator: McLean
Sample : GC SCAN 2/4 B Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080202.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

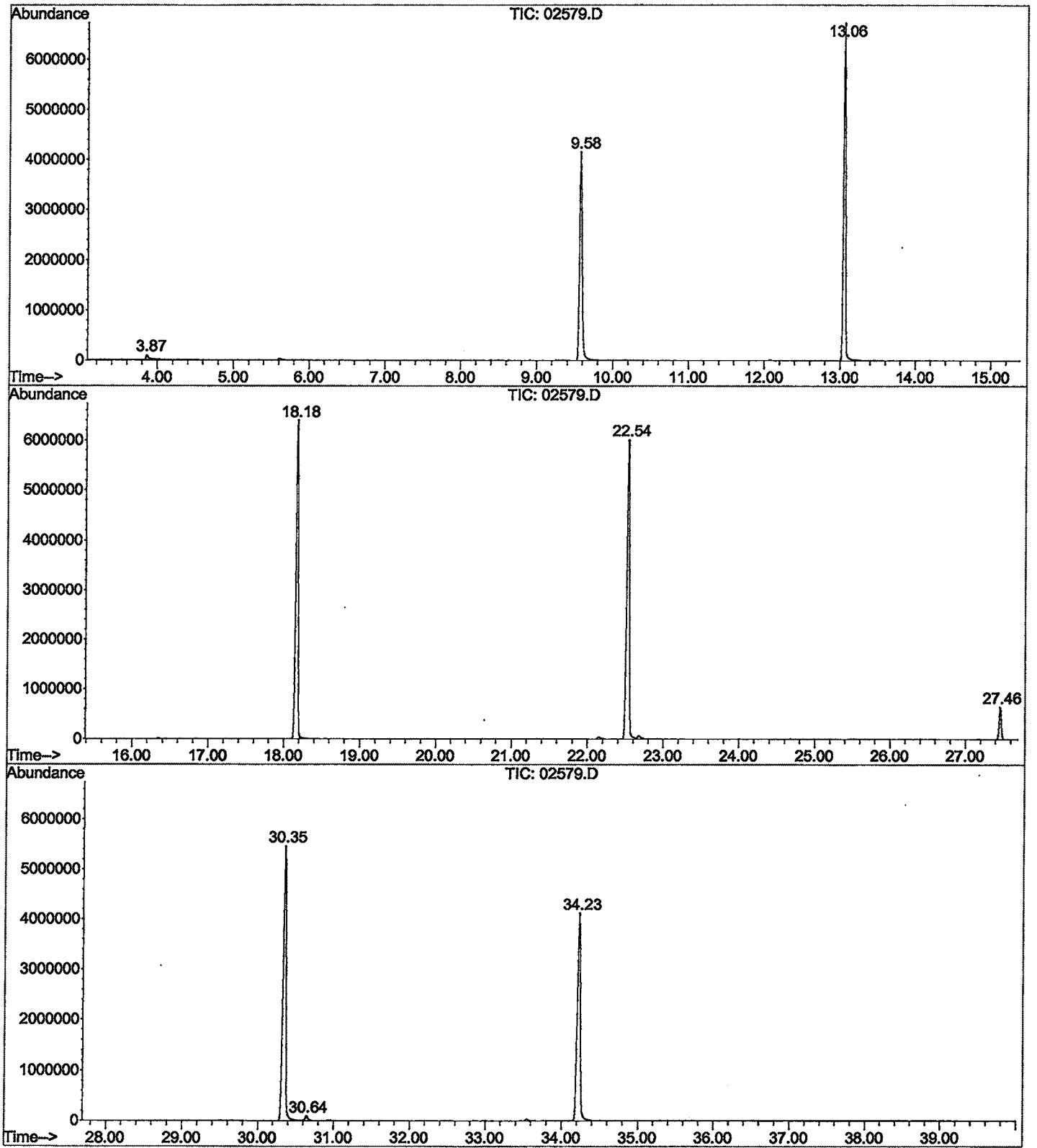
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.865	84	87	93	rBV2	94449	196942	1.36%	0.252%
2	9.579	711	717	738	rBV	4155485	9720339	67.23%	12.424%
3	13.062	1095	1101	1114	rBV	6733161	12983537	89.80%	16.594%
4	18.178	1657	1665	1669	rBV	6405845	13754227	95.13%	17.579%
5	22.541	2138	2146	2156	rBV2	6015226	14270631	98.70%	18.239%
6	27.457	2684	2688	2695	rBV	649218	1208441	8.36%	1.545%
7	30.350	2999	3007	3027	rBV2	5457932	14458165	100.00%	18.479%
8	30.640	3035	3039	3050	rVB	93288	226227	1.56%	0.289%
9	34.232	3425	3435	3454	rBV2	4124364	11422985	79.01%	14.600%

Sum of corrected areas: 78241494

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\022702\02579.D
Operator : McLean
Acquired : 28 Feb 2002 3:07 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: GC SCAN 2/4 B
Misc Info :
Vial Number: 22
Quant File :5080202.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\022702\02579.D Vial: 22
Acq On : 28 Feb 2002 3:07 am Operator: McLean
Sample : GC SCAN 2/4 B Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

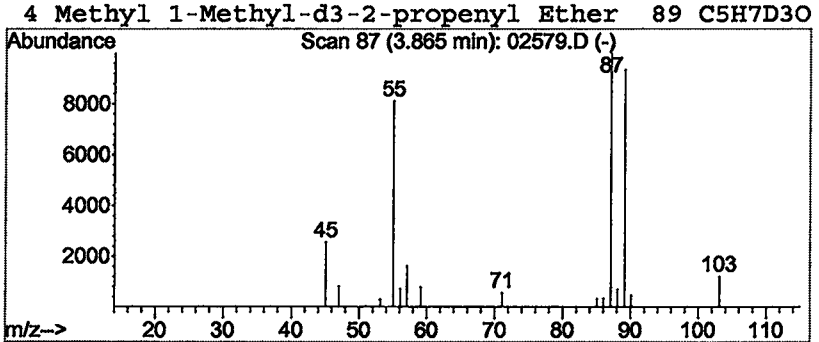
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

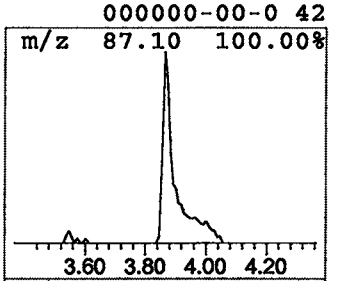
****

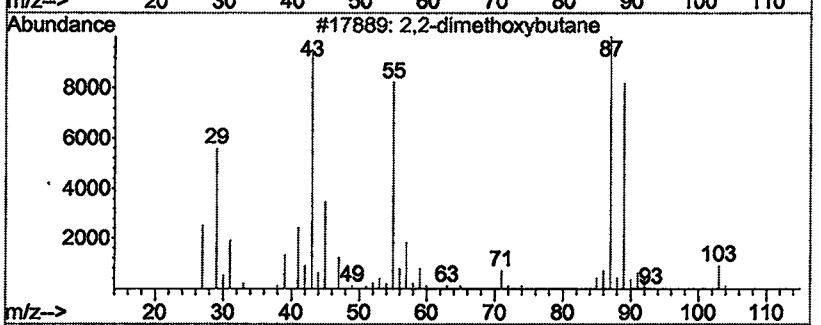
Peak Number 1 2,2-dimethoxybutane Concentration Rank 1

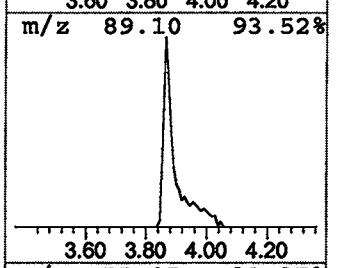
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.87	0.41 ug/L	196942	1,4-Dichlorobenzene-d4	9.58

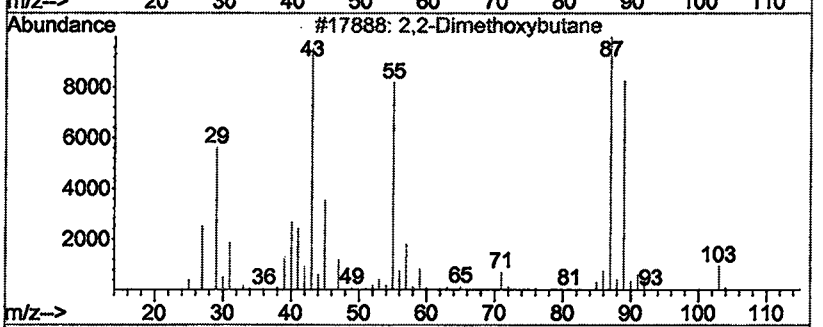
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-dimethoxybutane	118	C6H14O2	003453-99-4	83
2	2,2-Dimethoxybutane	118	C6H14O2	003453-99-4	64
3	Glycine, methyl ester $$ NH2CH2C...	89	C3H7NO2	000616-34-2	42
4	Methyl 1-Methyl-d3-2-propenyl Ether	89	C5H7D3O	000000-00-0	42

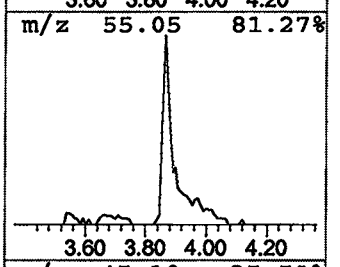


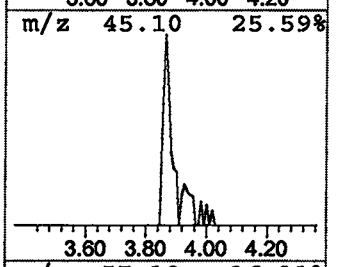


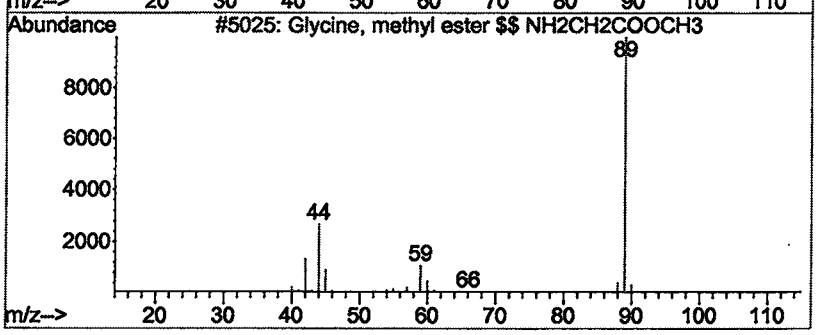


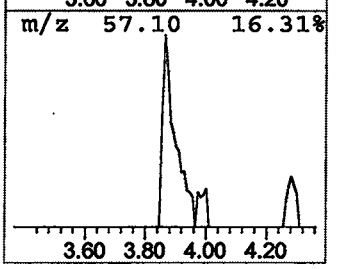












Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 28 Feb 2002 3:07 am
Data File: C:\MSDCHEM\1\DATA\022702\02579.D
Name: GC SCAN 2/4 B
Misc:
Method: C:\MSDCHEM\1\5973N\5080202.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
2,2-dimethoxybutane	3.87	0.4	ug/L	196942	1	9.58	9720340	20.0