Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022702\02577.D Vial: 20
Acq On : 28 Feb 2002 1:29 am Operator: McLean
Sample : GC SCAN 2/4 B Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 01 09:03:20 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	2315695	20.00	ug/L	0.00
10) Naphthalene-d8	13.06	136	6024409	20.00	ug/L	0.00
17) Acenaphthene-d10	18.18	164	3335305	20.00	ug/L	0.00
29) Phenanthrene-d10	22.54	188	5191389	20.00	ug/L	0.00
38) Chrysene-d12	30.35	240	4865611	20.00	ug/L	0.00
44) Perylene-d12	34.23	264	3482972	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.46	235	219514	2.66	ug/L	0.00
Spiked Amount 5.000			Recovery =	53.20%		
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	8069	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	19463	0.09	ug/L	91
43) Chrysene	30.35	228	13109	0.04	ug/L	64
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
02577.D 5080202.M Fri Mar 01 09:03:50 2002 Page 1

Quantitation Report (QT Reviewed)

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Acq On : 28 Feb 2002 1:29 am Operator: McLean
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Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 01 09:03:20 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

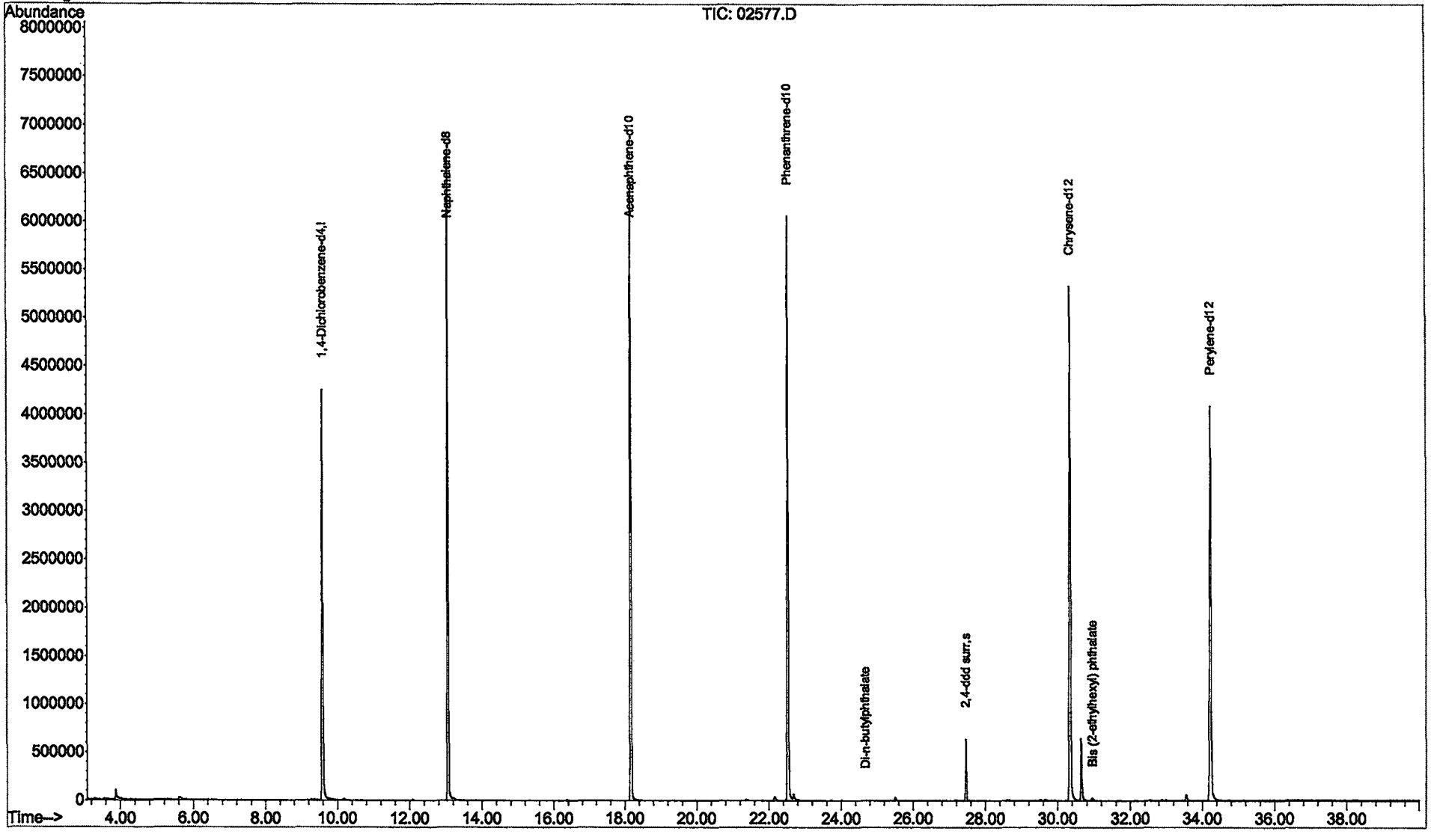
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	Benzo (k) fluoranthene	0.00	252	0	N.D.		
48)	Benzo (a) pyrene	0.00	252	0	N.D.	d	
49)	Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.		
50)	Dibenz (a,h) anthracene	0.00	278	0	N.D.		
51)	Benzo (g,h,i) perylene	0.00	276	0	N.D.		

(#) = qualifier out of range (m) = manual integration
02577.D 5080202.M Fri Mar 01 09:03:50 2002 Page 2

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022702\02577.D Vial: 20
Acq On : 28 Feb 2002 1:29 am Operator: McLean
Sample : GC SCAN 2/4 B Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 1 9:03 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\02577.D Vial: 20
Acq On : 28 Feb 2002 1:29 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

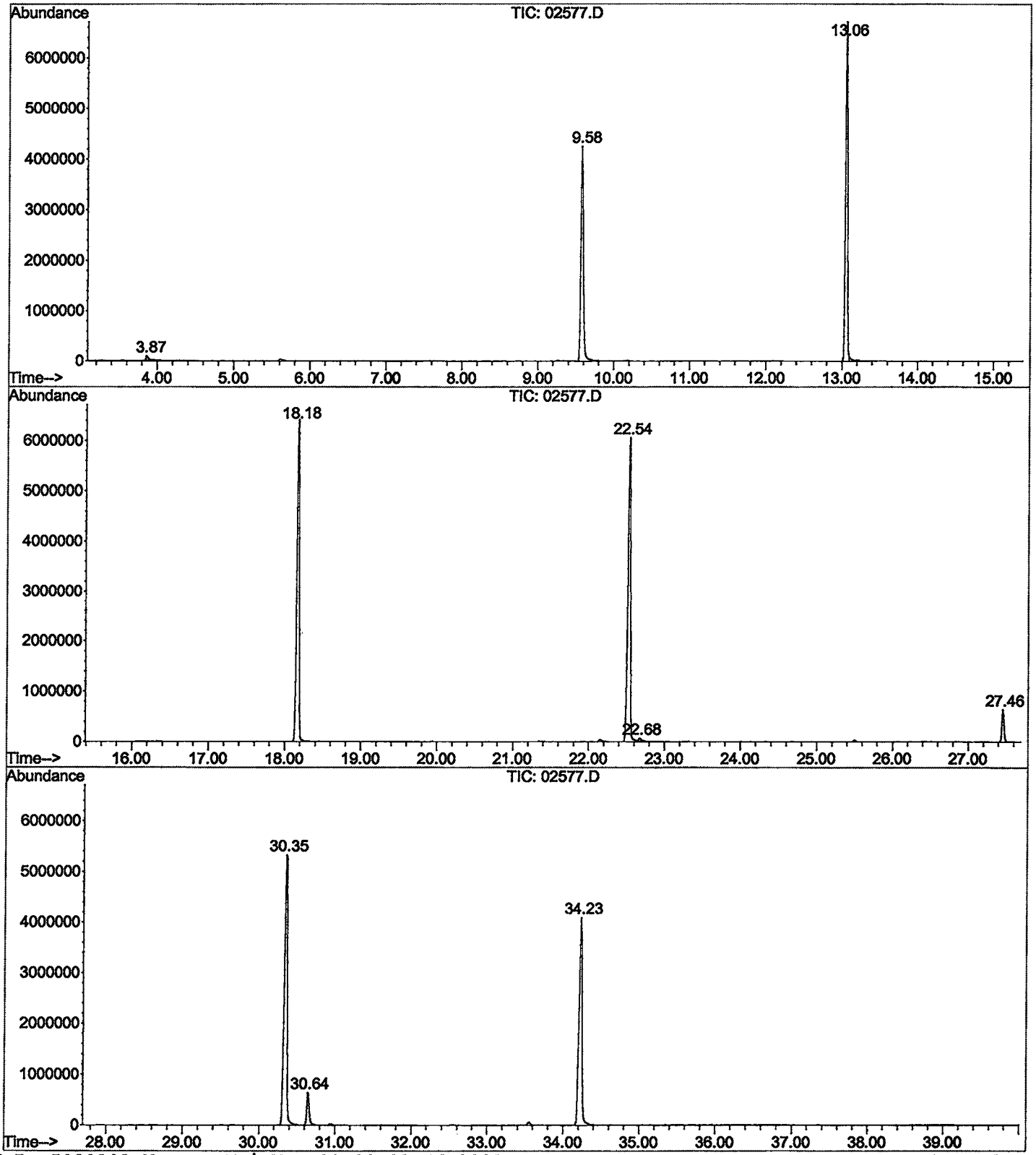
Signal : TIC

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	94	rBV	92116	202285	1.41%	0.254%
2	9.579	711	717	736	rBV	4253121	9729346	68.00%	12.238%
3	13.062	1094	1101	1105	rBV	6713902	12914816	90.27%	16.244%
4	18.178	1657	1665	1679	rBV	6424267	13912919	97.24%	17.500%
5	22.541	2138	2146	2158	rBV2	6060995	14307515	100.00%	17.996%
6	22.677	2158	2161	2169	rVB2	59445	148442	1.04%	0.187%
7	27.457	2684	2688	2695	rBV	636515	1149144	8.03%	1.445%
8	30.350	2999	3007	3028	rBV	5322063	14268207	99.73%	17.947%
9	30.640	3034	3039	3056	rVB	643855	1385965	9.69%	1.743%
10	34.232	3426	3435	3458	rBV2	4089043	11485299	80.27%	14.446%

Sum of corrected areas: 79503938

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\022702\02577.D
Operator : McLean
Acquired : 28 Feb 2002 1:29 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: GC SCAN 2/4 B
Misc Info :
Vial Number: 20
Quant File :5080202.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\022702\02577.D Vial: 20
Acq On : 28 Feb 2002 1:29 am Operator: McLean
Sample : GC SCAN 2/4 B Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

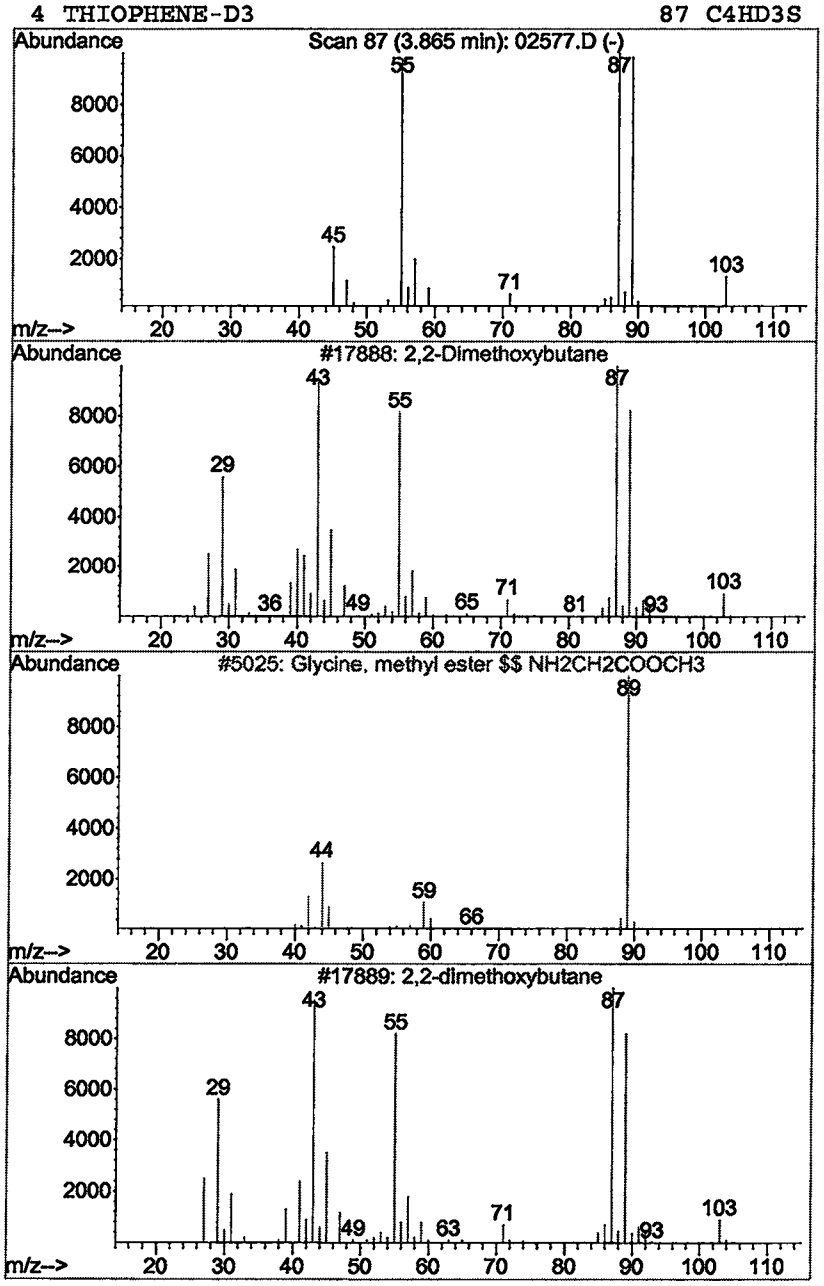
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

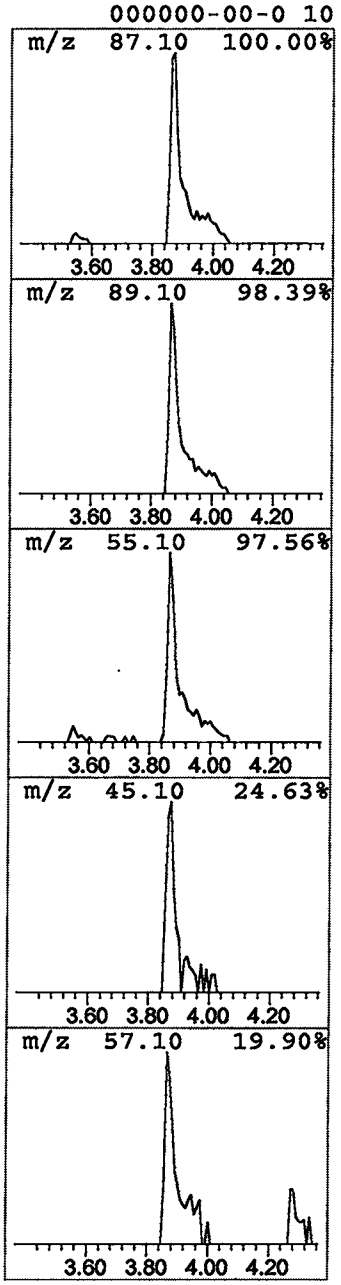
****

Peak Number 1 2,2-Dimethoxybutane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.87	0.42 ug/L	202285	1,4-Dichlorobenzene-d4	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethoxybutane	118	C6H14O2	003453-99-4	74
2	Glycine, methyl ester $$ NH2CH2C...	89	C3H7NO2	000616-34-2	42
3	2,2-dimethoxybutane	118	C6H14O2	003453-99-4	22
4	THIOPHENE-D3	87	C4HD3S	000000-00-0	10





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\022702\02577.D Vial: 20
Acq On : 28 Feb 2002 1:29 am Operator: McLean
Sample : GC SCAN 2/4 B Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

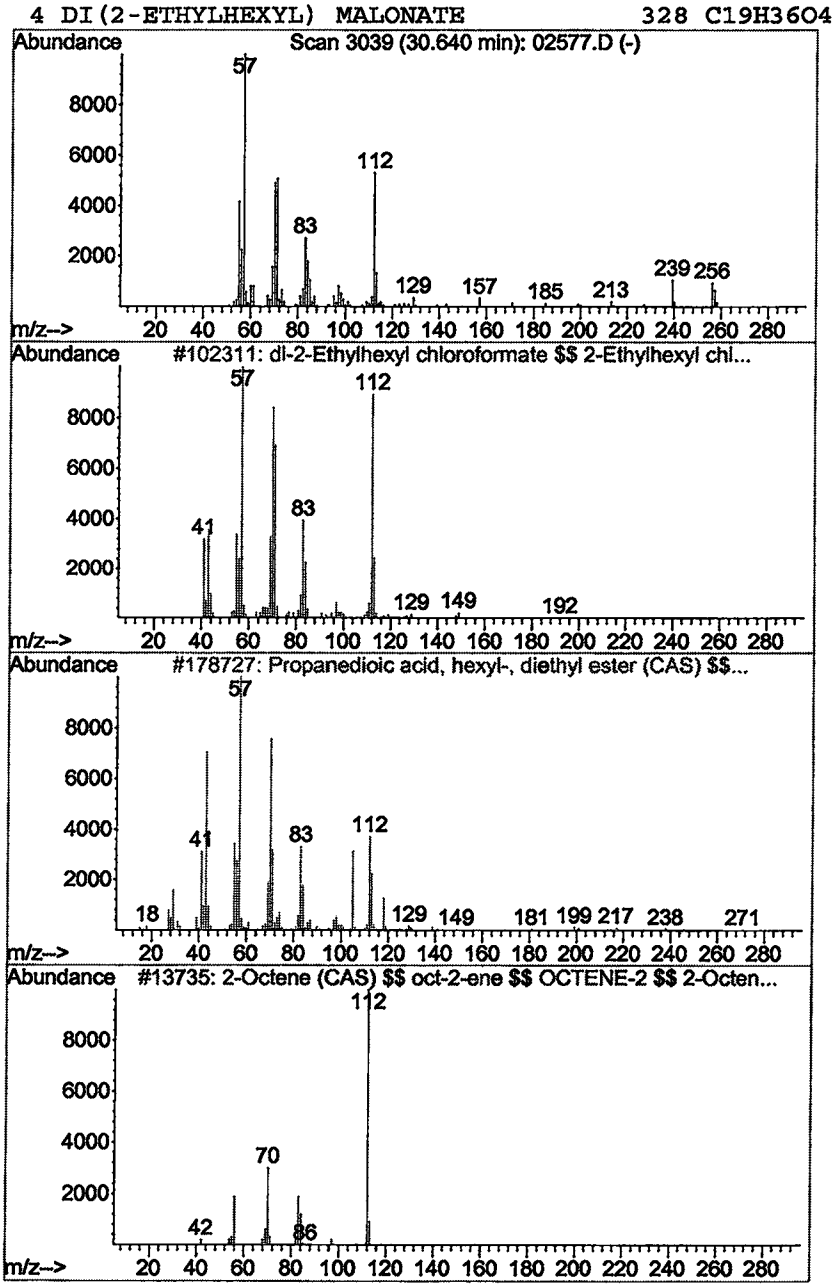
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

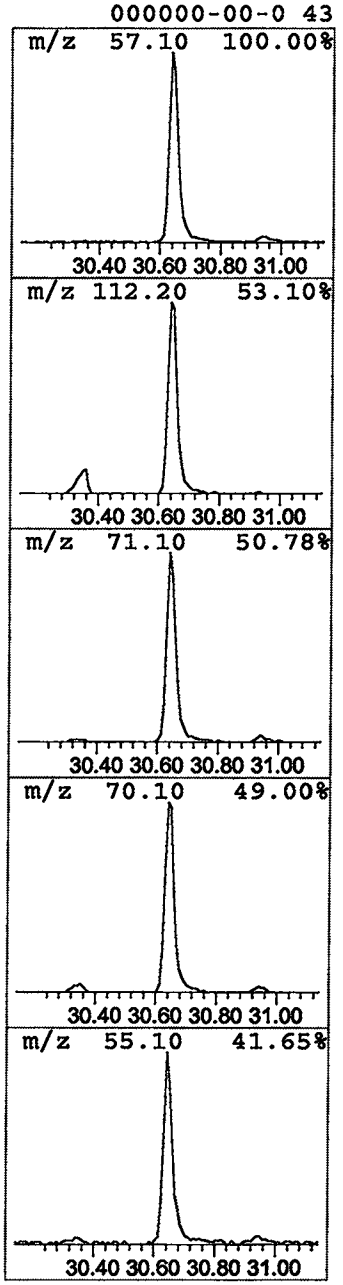
****

Peak Number 2 dl-2-Ethylhexyl chloroforma... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.64	1.94 ug/L	1385970	Chrysene-d12	30.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-2-Ethylhexyl chloroformate $$...	192	C9H17ClO2	024468-13-1	64
2	Propanedioic acid, hexyl-, dieth...	244	C13H24O4	005398-10-7	50
3	2-Octene (CAS) $$ oct-2-ene $$ O...	112	C8H16	000111-67-1	46
4	DI(2-ETHYLHEXYL) MALONATE	328	C19H36O4	000000-00-0	43





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 28 Feb 2002 1:29 am
Data File: C:\MSDCHEM\1\DATA\022702\02577.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

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
2,2-Dimethoxybutane	3.87	0.4	ug/L	202285	1	9.58	9729350	20.0
dl-2-Ethylhexyl c...	30.64	1.9	ug/L	1385970	5	30.35	14268200	20.0