User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/01/2002 Time: 09:42:59

Sample: AE04331
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/1/02 09:42 Ended: 4/1/02 09:42 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		101		5.0

Comments for Sample AE04331 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-01-2002 Time: 09:43:39

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 10 of the 43 compounds in the LCS Standard were high.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\032602\4331.D Vial: 7
Acq On : 26 Mar 2002 4:05 pm Operator: McLean
Sample : 2/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 27 07:39:14 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.55	150	1158526	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3353571	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	1866816	20.00	ug/L	0.00
29) Phenanthrene-d10	22.49	188	2719552	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	1891160	20.00	ug/L	-0.02
44) Perylene-d12	34.17	264	898476	20.00	ug/L	-0.01
System Monitoring Compounds						
37) 2,4-DDD (SURR)	27.43	235	163376	5.04	ug/L	0.00
Spiked Amount 5.000			Recovery = 100.80%			
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	24.65	149	39701	0.28	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	30.91	149	5978	0.08	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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\032602\4331.D Vial: 7
Acq On : 26 Mar 2002 4:05 pm Operator: McLean
Sample : 2/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 27 07:39:14 2002 Quant Results File: 5080302.RES

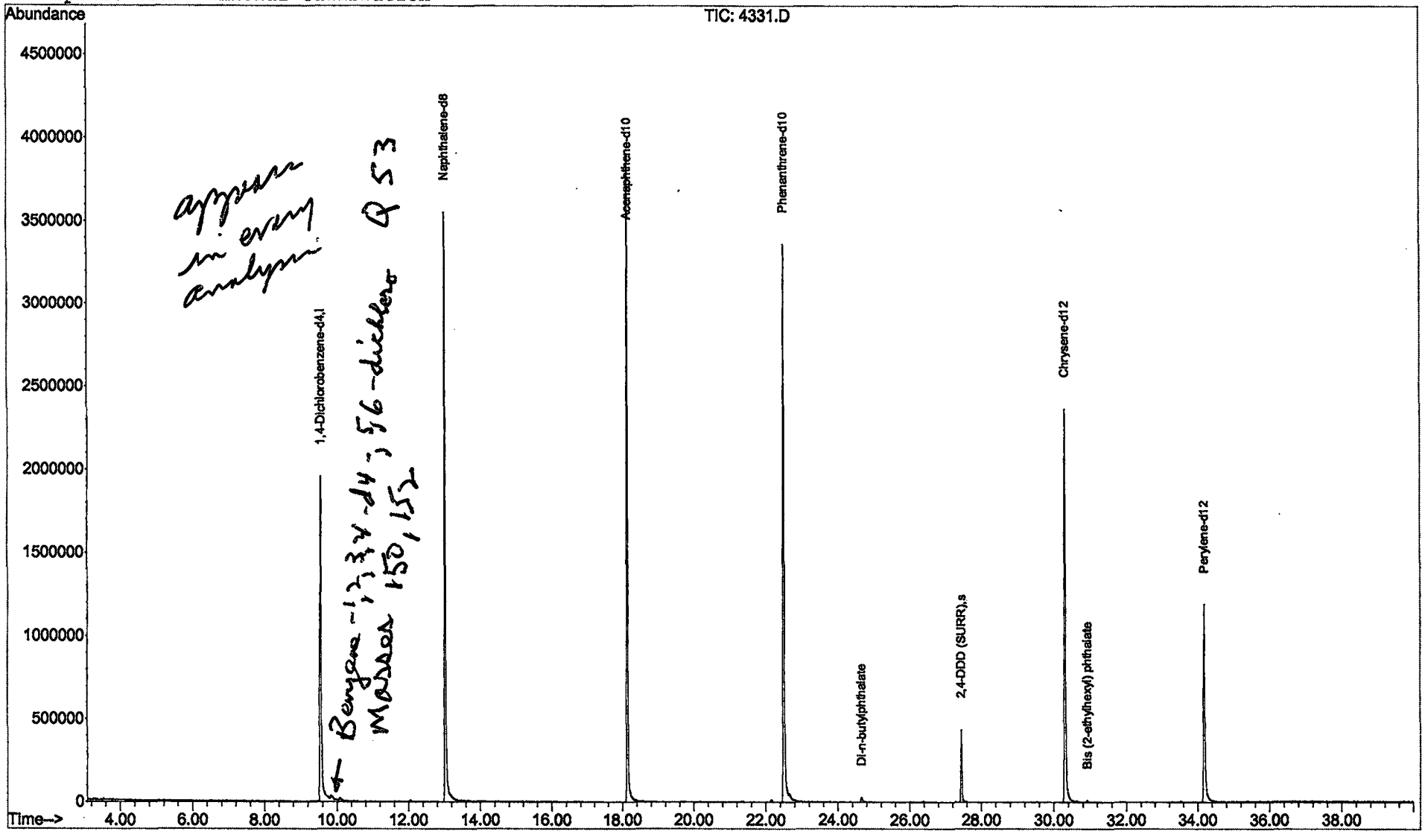
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

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
4331.D 5080302.M Wed Mar 27 07:40:37 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\032602\4331.D Vial: 7
Acq On : 26 Mar 2002 4:05 pm Operator: McLean
Sample : 2/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 27 7:40 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\032602\4331.D Vial: 7
Acq On : 26 Mar 2002 4:05 pm Operator: McLean
Sample : 2/28/02 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

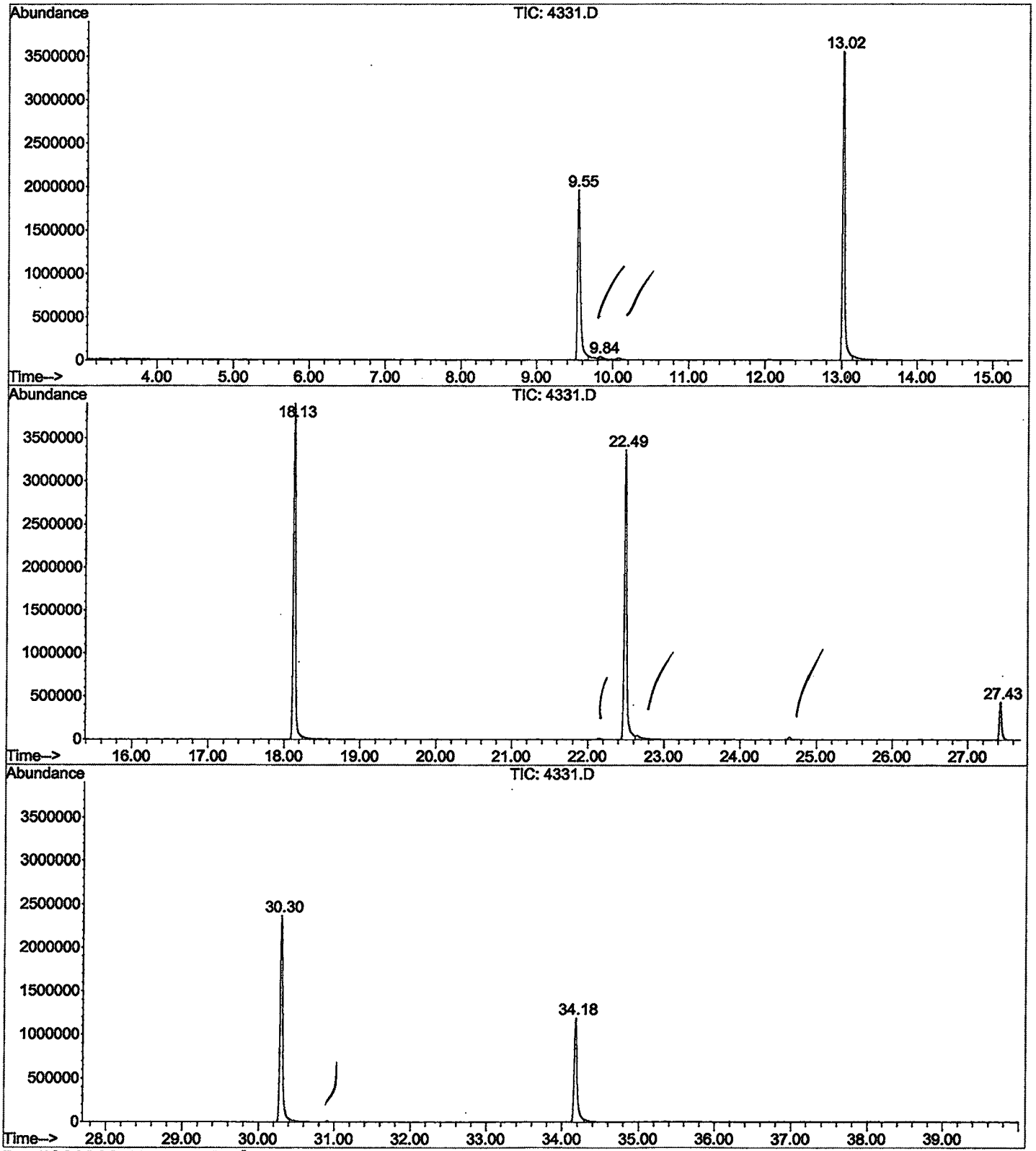
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.548	1094	1101	1123	rBV	1956565	5164986	64.66%	13.615%
2	9.836	1143	1150	1163	rVB7	28729	110132	1.38%	0.290%
3	13.021	1685	1692	1713	rBV	3551830	7372807	92.30%	19.435%
4	18.132	2553	2562	2581	rBV	3897907	7987461	100.00%	21.056%
5	22.492	3295	3304	3326	rBV2	3361849	7727568	96.75%	20.371%
6	27.433	4137	4145	4158	rBV	433573	882218	11.05%	2.326%
7	30.301	4624	4633	4652	rBV2	2365318	5642362	70.64%	14.874%
8	34.179	5282	5293	5312	rBV	1187218	3047432	38.15%	8.033%

Sum of corrected areas: 37934966

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\032602\4331.D
Operator : McLean
Acquired : 26 Mar 2002 4:05 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 2/28/02
Misc Info :
Vial Number: 7
Quant File :5080302.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\032602\4331.D Vial: 7
Acq On : 26 Mar 2002 4:05 pm Operator: McLean
Sample : 2/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

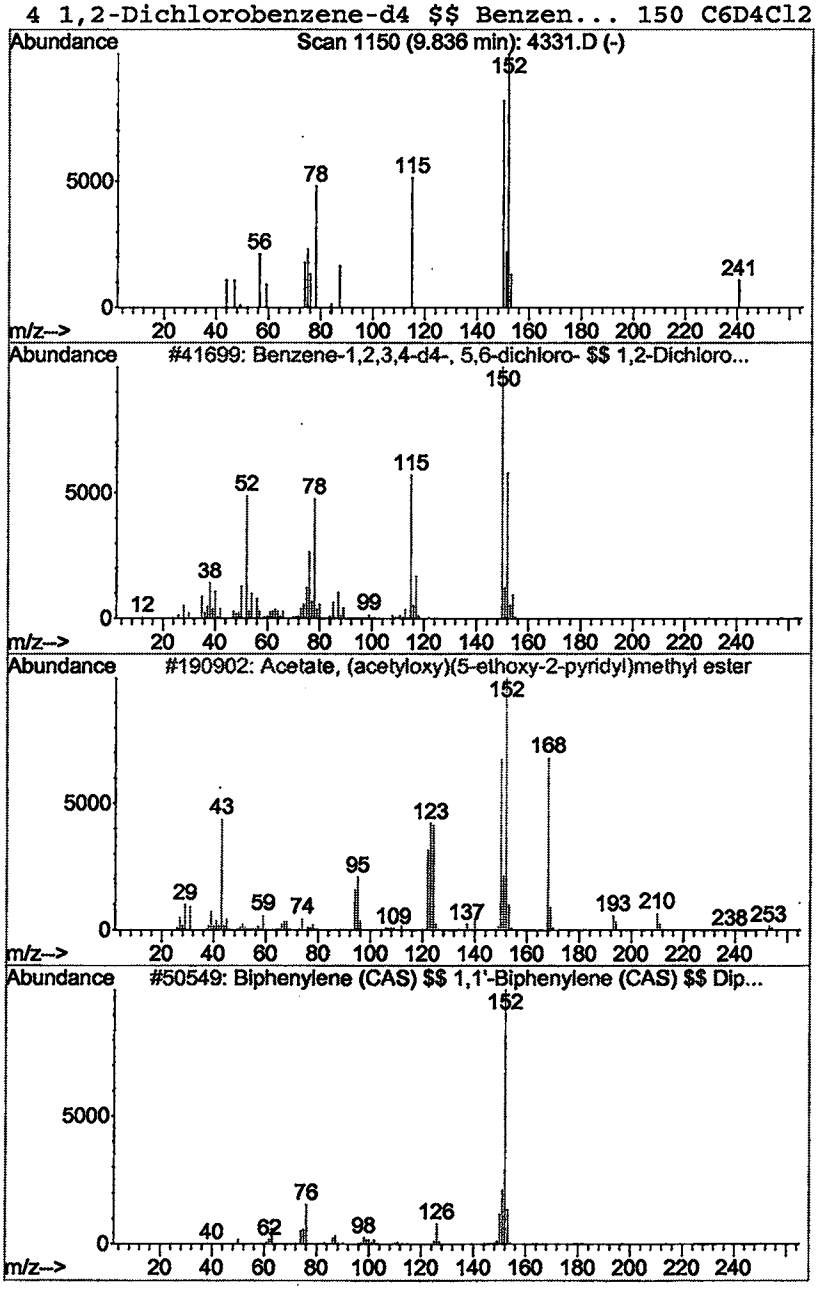
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

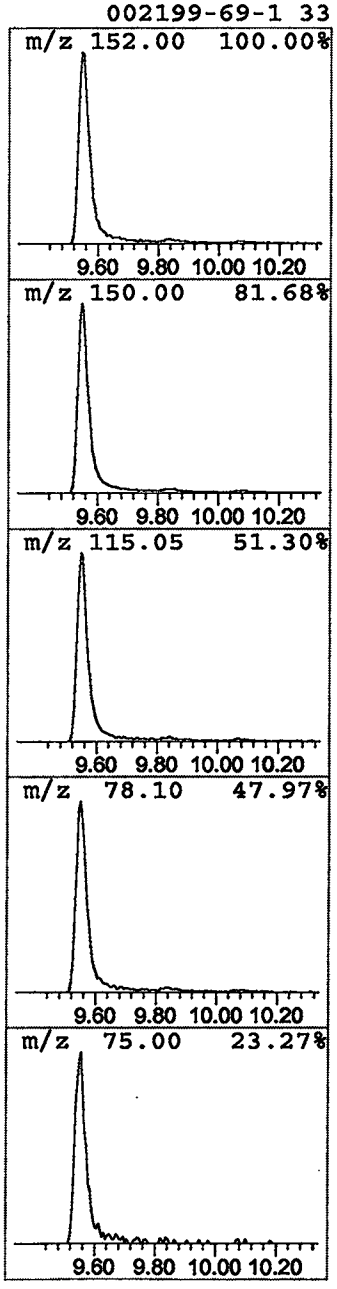
****

Peak Number 1 Benzene-1,2,3,4-d4-, 5,6-di... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	0.43 ug/L	110132	1,4-Dichlorobenzene-d4	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene-1,2,3,4-d4-, 5,6-dichlor...	150	C6D4Cl2	002199-69-1	53
2	Acetate, (acetyloxy)(5-ethoxy-2-...	253	C12H15NO5	000000-00-0	38
3	Biphenylene (CAS) $$ 1,1'-Biphen...	152	C12H8	000259-79-0	35
4	1,2-Dichlorobenzene-d4 $$ Benzen...	150	C6D4Cl2	002199-69-1	33





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 26 Mar 2002 4:05 pm
Data File: C:\MSDCHEM\1\DATA\032602\4331.D
Name: 2/28/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080302.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
Benzene-1,2,3,4-d...	9.84	0.4	ug/L	110132	1	9.55	5164990	20.0