

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 03/29/2002 Time: 15:55:37

Sample: AE05239
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 3/29/02 15:54 Ended: 3/29/02 15:54 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	2,4,6-Trinitrophenol	0.140			6-0

Comments for Sample AE05239 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 03-29-2002 Time: 16:00:13

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for the compounds in the LCS Standard were high. New limits will be calculated.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031602\5239.D
 Acq On : 16 Mar 2002 11:08 pm
 Sample : 3/9
 Misc :

Vial: 16
 Operator: McLean
 Inst : Instrumen
 Multiplr: 1.00

MS Integration Params: BENZO.P

Quant Time: Mar 20 08:44:29 2002

Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)

Title : Quantitation For Method 508gcscan

Last Update : Thu Mar 14 13:02:27 2002

Response via : Initial Calibration

DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	9.54	150	1252720	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3488909	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	1956342	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	2933399	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	2577835	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1351289	20.00	ug/L	0.00

System Monitoring Compounds

37) 2,4-ddd surr	27.43	235	244212	6.98	ug/L	0.00
Spiked Amount	5.000		Recovery	= 139.60%		

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.	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) anthracene	0.00	228	0	N.D.	d
42) Bis (2-ethylhexyl) phthala	0.00	149	0	N.D.	d
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

5239.D 5080302.M Wed Mar 20 08:45:40 2002

Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031602\5239.D

Vial: 16

Acq On : 16 Mar 2002 11:08 pm

Operator: McLean

Sample : 3/9

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: BENZO.P

Quant Time: Mar 20 08:44:29 2002

Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)

Title : Quantitation For Method 508gcscan

Last Update : Thu Mar 14 13:02:27 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

5239.D 5080302.M Wed Mar 20 08:45:40 2002

Page 2

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031602\5239.D

Vial: 16

Acq On : 16 Mar 2002 11:08 pm

Operator: McLean

Sample : 3/9

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: BENZO.P

Quant Time: Mar 20 8:45 2002

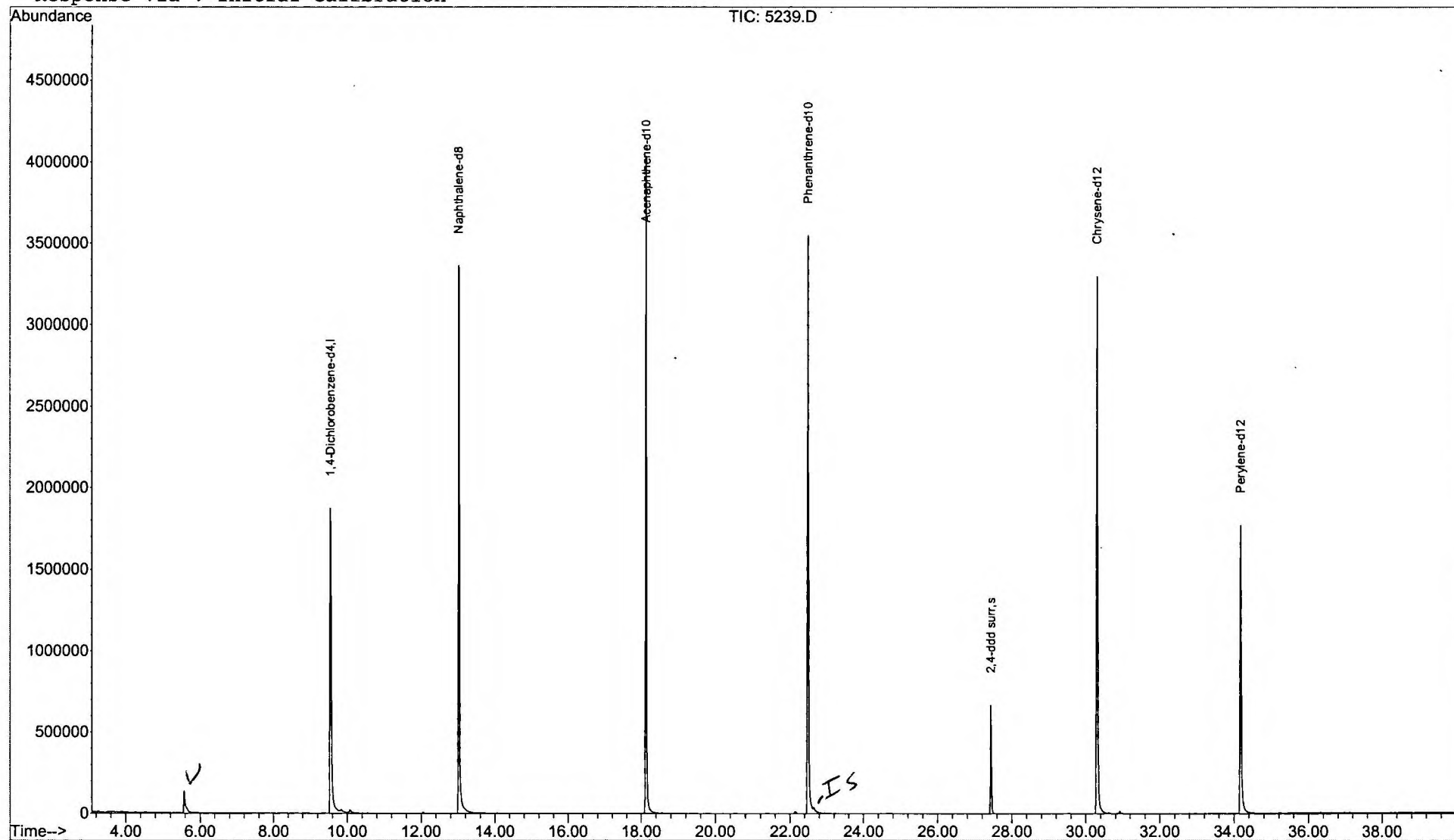
Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)

Title : Quantitation For Method 508gcscan

Last Update : Thu Mar 14 13:02:27 2002

Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\031602\5239.D
 Acq On : 16 Mar 2002 11:08 pm
 Sample : 3/9
 Misc :
 MS Integration Params: LSCINT.P

Vial: 16
 Operator: McLean
 Inst : Instrumen
 Multiplr: 1.00

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

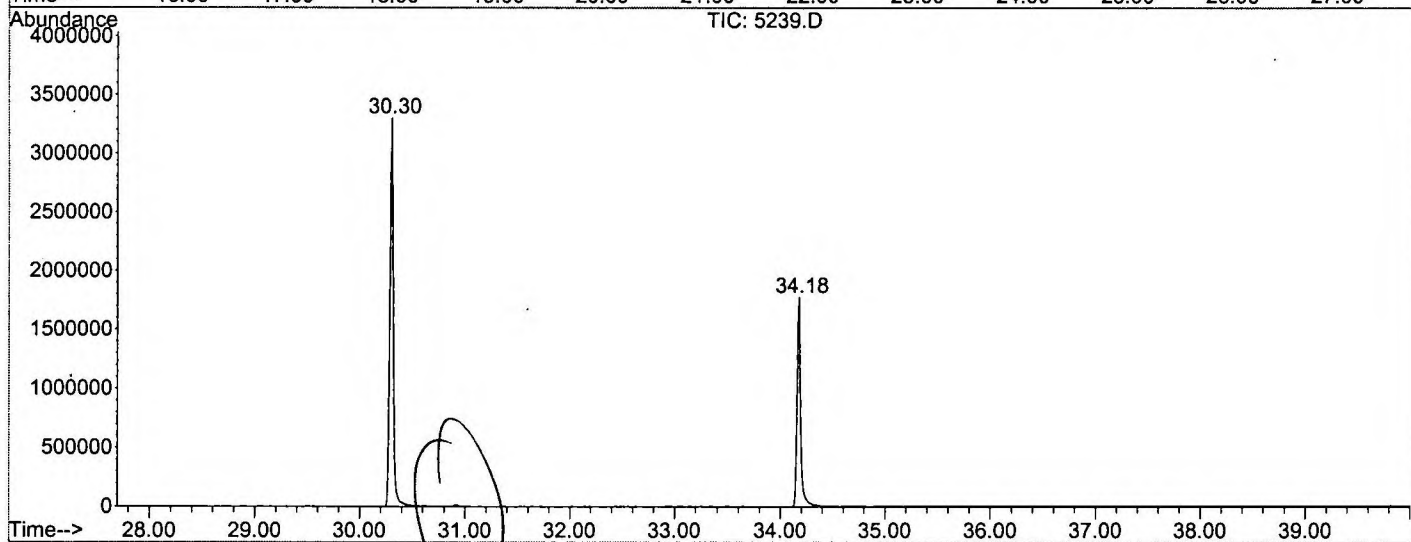
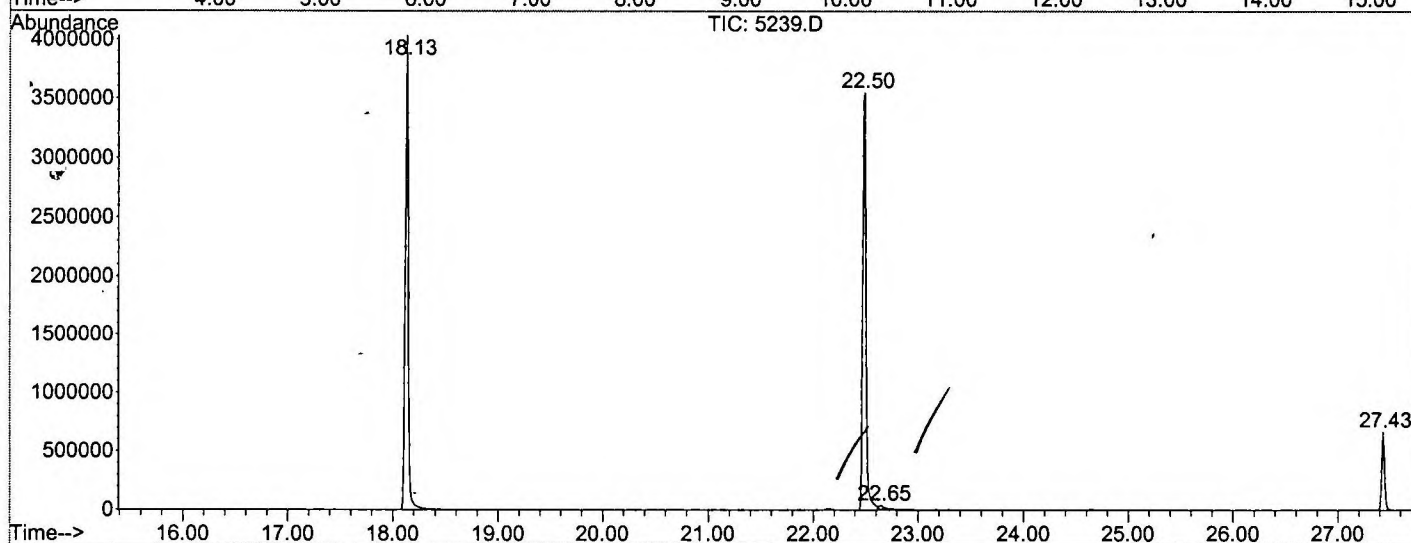
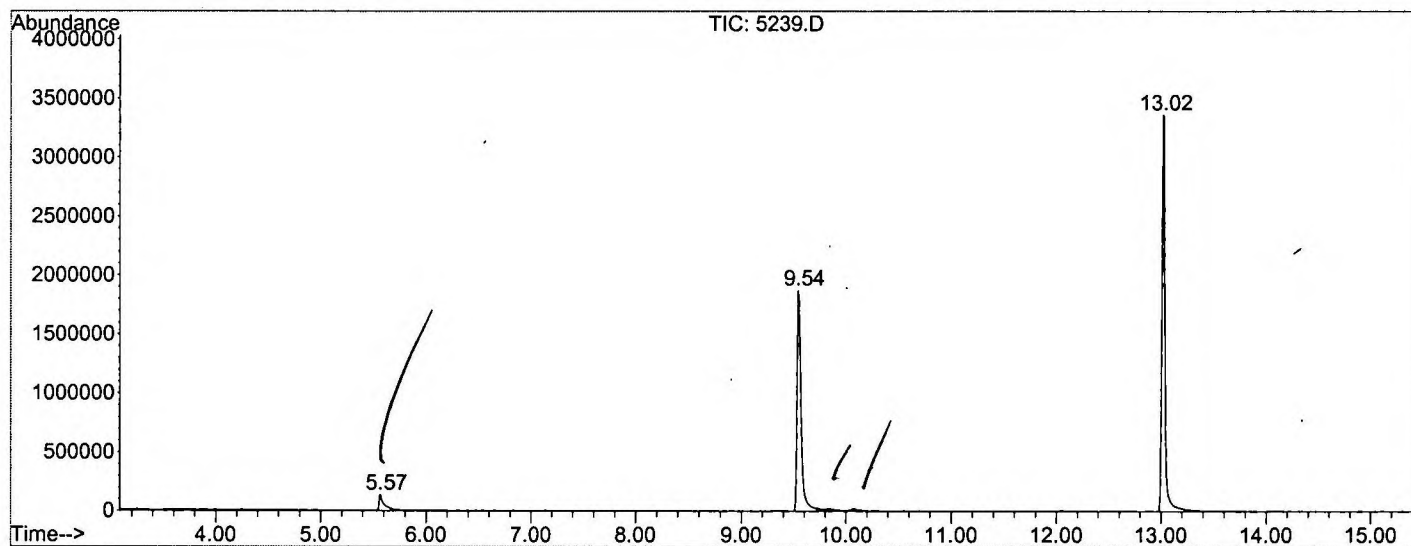
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.570	272	275	291	rBV	133808	414612	5.15%	0.977%
2	9.543	709	713	733	rBV	1872954	5165069	64.19%	12.166%
3	13.017	1091	1096	1122	rBV	3363652	7415582	92.16%	17.467%
4	18.133	1654	1660	1683	rBV	4030325	7991301	99.32%	18.823%
5	22.495	2135	2141	2154	rBV2	3548265	8046108	100.00%	18.952%
6	22.650	2155	2158	2171	rVB2	32663	117951	1.47%	0.278%
7	27.430	2680	2685	2698	rBB	666059	1253718	15.58%	2.953%
8	30.305	2995	3002	3029	rBV2	3297497	7632972	94.87%	17.979%
9	34.178	3422	3429	3446	rBV2	1769812	4418205	54.91%	10.407%

Sum of corrected areas: 42455518

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031602\5239.D
 Operator : McLean
 Acquired : 16 Mar 2002 11:08 pm using AcqMethod 508SCAN
 Instrument : Instrumen
 Sample Name: 3/9
 Misc Info :
 Vial Number: 16
 Quant File :5080302.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031602\5239.D
Acq On : 16 Mar 2002 11:08 pm
Sample : 3/9
Misc :
MS Integration Params: LSCINT.P

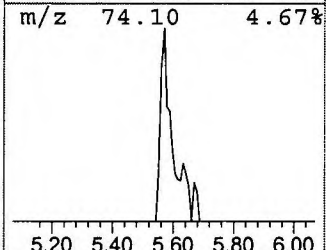
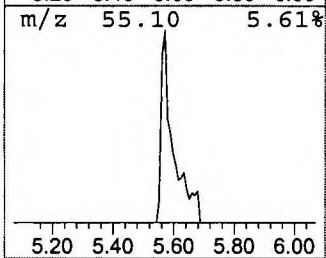
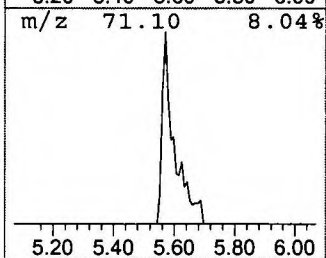
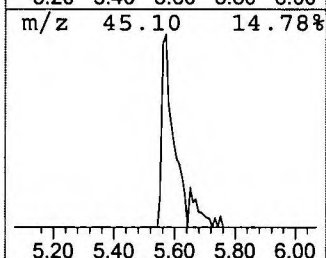
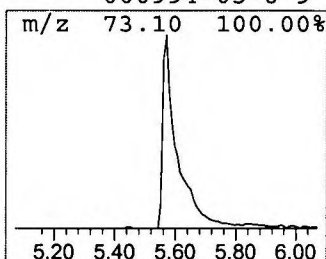
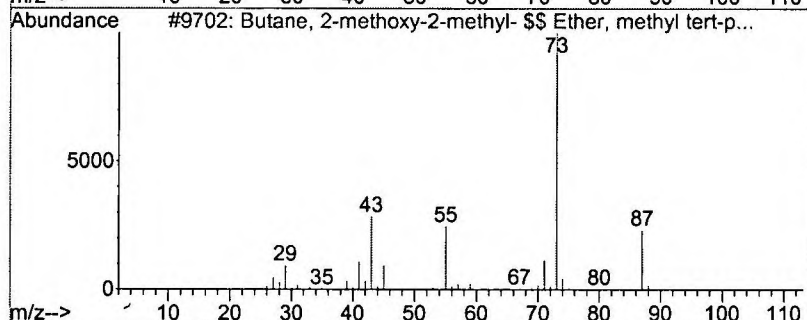
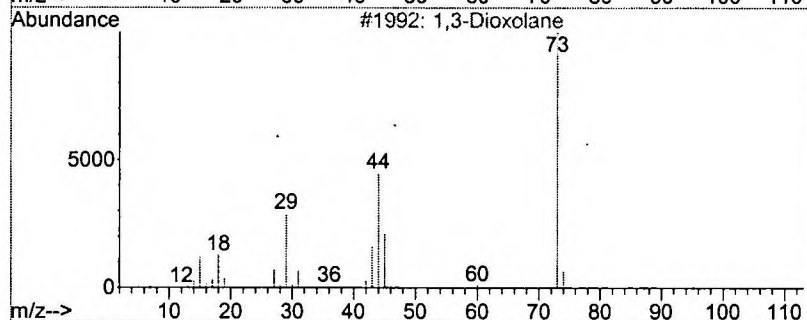
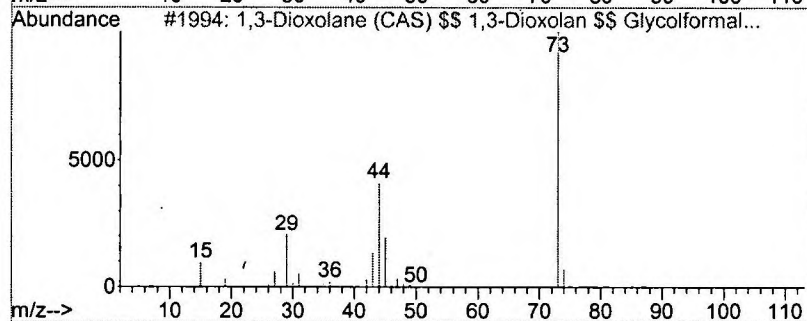
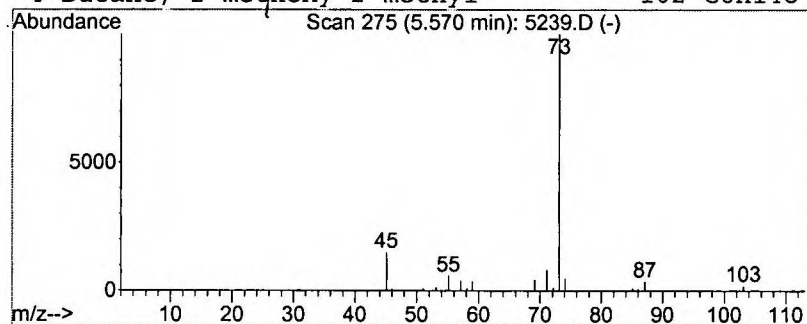
Vial: 16
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 1 1,3-Dioxolane (CAS) \$\$ 1,3-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	1.61 ug/L	414612	1,4-Dichlorobenzene-d4	9.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dioxolane (CAS) \$\$ 1,3-Dioxo...	74	C3H6O2	000646-06-0	9
2			1,3-Dioxolane	74	C3H6O2	000646-06-0	9
3			Butane, 2-methoxy-2-methyl- \$\$ E...	102	C6H14O	000994-05-8	9
4			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 16 Mar 2002 11:08 pm
 Data File: C:\MSDCHEM\1\DATA\031602\5239.D
 Name: 3/9
 Misc:
 Method: C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
 Title: Quantitation For Method 508gcscan
 Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,3-Dioxolane (CA...	5.57	1.6 ug/L		414612	1	9.54	5165070	20.0