

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/25/2002 Time: 15:40:46

Sample: AD31677
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/25/02 15:40 Ended: 1/25/02 15:40 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		82		5.0

Comments for Sample AD31677 - Analysis \$GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-25-2002 Time: 15:40:52

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

The recoveries for 9 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report

(Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN23\31677.D

Vial: 2

Acq On : 23 Jan 2002 3:46 pm

Operator:

Sample : 508 scan

Inst : Instrumen

Misc : January 22, 2002

Multiplr: 1.00

MS Integration Params: SPLIT.P

Quant Time: Jan 24 09:46:45 2002

Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)

Title : 508 scan method

Last Update : Fri Jan 11 13:20:07 2002

Response via : Initial Calibration

DataAcq Meth : SCAN508

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1156490	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	5060292	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	2678498	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	4493371	20.00	ug/L	-0.02
38) Chrysene-d12	30.50	240	3708006	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	2550143	20.00	ug/L	0.00

System Monitoring Compounds

37) 2,4-DDD	27.73	235	289728	4.08	ug/L	0.00
Spiked Amount	5.000		Recovery	=	81.60%	

Target Compounds

						Qvalue
20) Dimethylphthalate	18.34	163	420996	2.38	ug/L	# 56
21) 2,6-Dinitrotoluene	18.34	165	341335	9.89	ug/L	# 17
35) Di-n-butylphthalate	24.85	149	106022	0.37	ug/L	95

(#) = qualifier out of range (m) = manual integration

31677.D SCAN508.M

Thu Jan 24 09:46:47 2002

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN23\31677.D

Vial: 2

Acq On : 23 Jan 2002 3:46 pm

Operator:

Sample : 508 scan

Inst : Instrumen

Misc : January 22, 2002

Multiplr: 1.00

MS Integration Params: SPLIT.P

Quant Time: Jan 24 9:46 2002

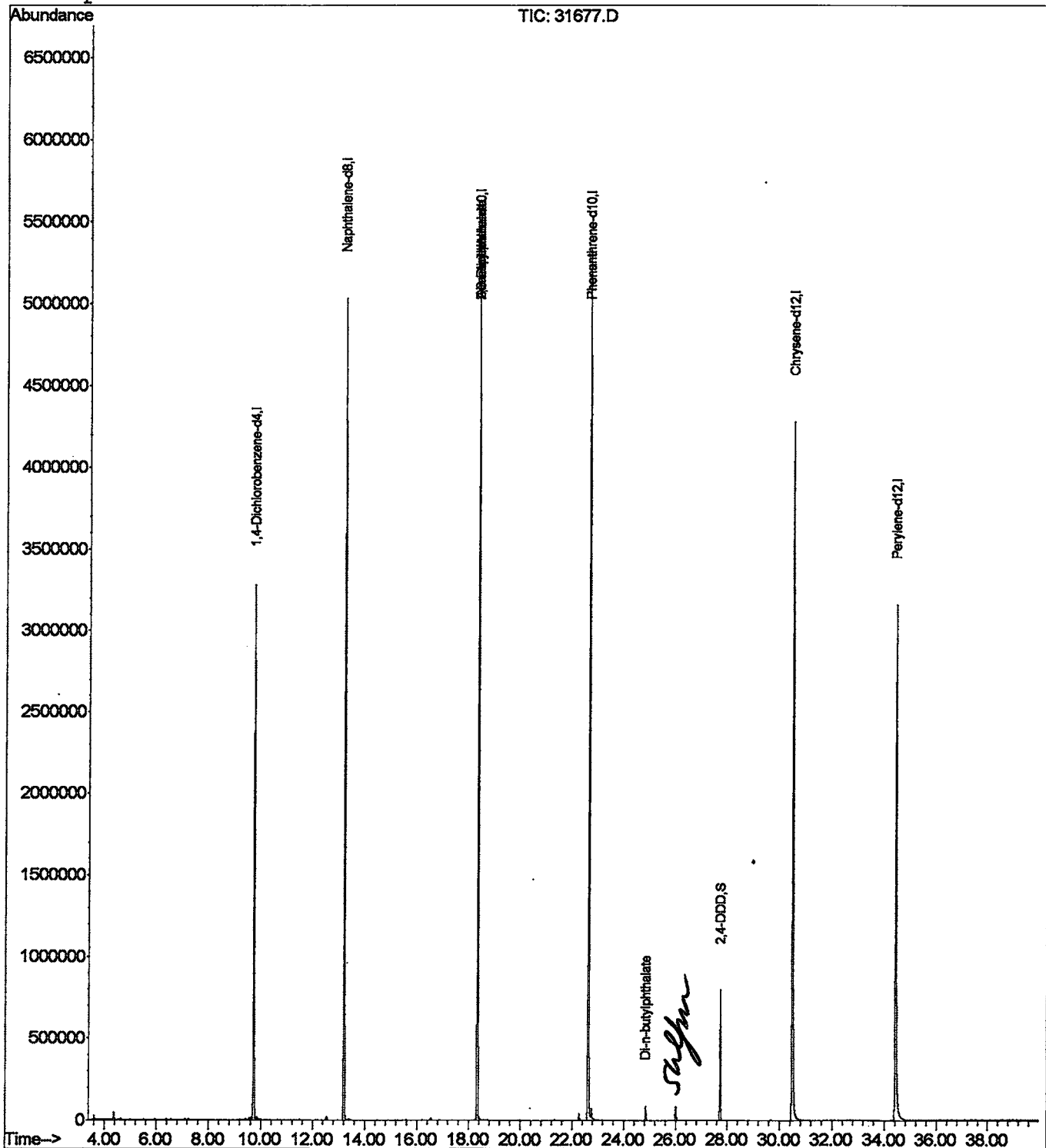
Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)

Title : 508 scan method

Last Update : Fri Jan 11 13:20:07 2002

Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02JAN23\31677.D
 Acq On : 23 Jan 2002 3:46 pm
 Sample : 508 scan
 Misc : January 22, 2002
 MS Integration Params: LSCINT.P

Vial: 2
 Operator:
 Inst : Instrumen
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
 Title : 508 scan method
 Smoothing : OFF
 Sampling : 2
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 100 Area counts
 Max Peaks: 20
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

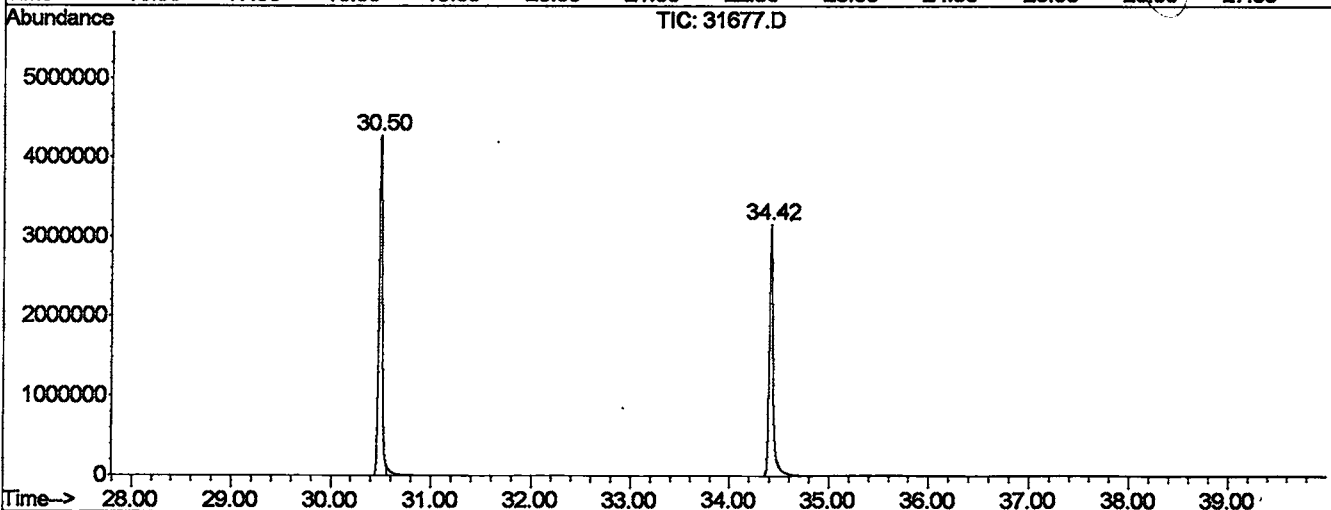
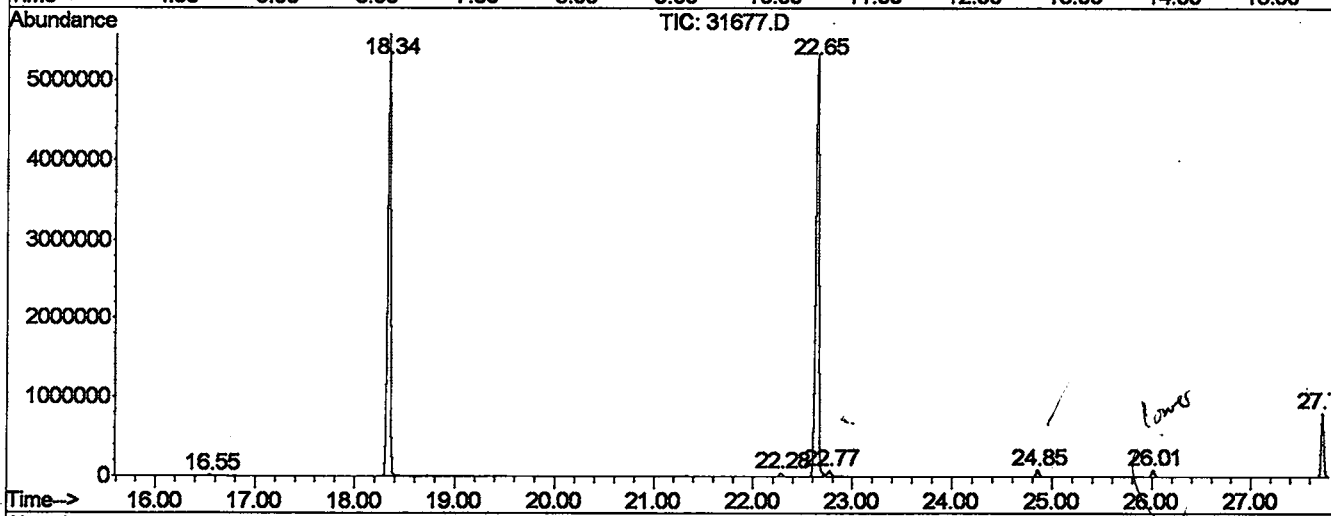
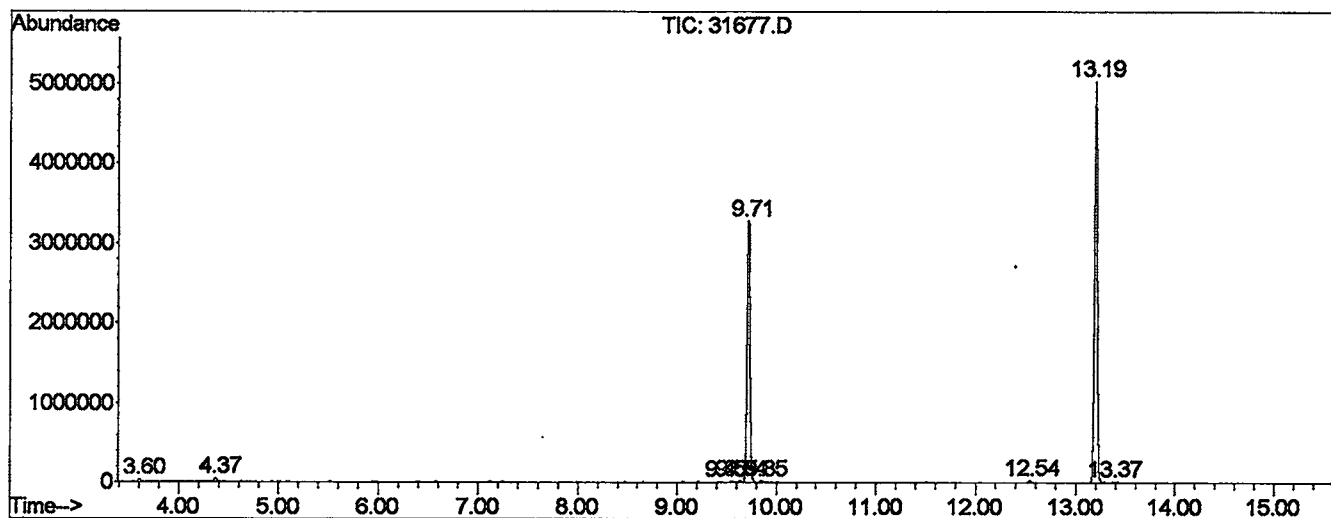
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.602	17	20	25	rBV	33043	48647	0.41%	0.080%
2	4.367	83	87	91	rBV	47372	72220	0.60%	0.118%
3	9.447	527	532	539	rVV2	7429	22927	0.19%	0.038%
4	9.550	539	541	545	rVV	15251	35140	0.29%	0.058%
5	9.641	545	549	551	rVV	20100	44995	0.38%	0.074%
6	9.710	551	555	561	rVV	3282509	6677757	55.87%	10.939%
7	9.847	561	567	579	rVV	20648	74483	0.62%	0.122%
8	12.541	799	803	807	rBV	23381	38424	0.32%	0.063%
9	13.192	855	860	865	rBV	5032897	9774811	81.79%	16.012%
10	13.375	873	876	887	rVB3	9983	29883	0.25%	0.049%
11	16.549	1149	1154	1159	rBV	15020	27436	0.23%	0.045%
12	18.341	1305	1311	1315	rBV	5580094	10963011	91.73%	17.958%
13	22.280	1653	1656	1661	rVV2	46129	83436	0.70%	0.137%
14	22.645	1681	1688	1693	rBV	5327482	11951268	100.00%	19.577%
15	22.771	1695	1699	1711	rVB	70220	205090	1.72%	0.336%
16	24.849	1877	1881	1887	rBV	86644	166794	1.40%	0.273%
17	26.013	1977	1983	1989	rVB	85401	172367	1.44%	0.282%
18	27.726	2129	2133	2137	rBV	797014	1410558	11.80%	2.311%
19	30.500	2369	2376	2381	rBV	4277627	10589210	88.60%	17.346%
20	34.416	2713	2719	2751	rBV	3156733	8659327	72.46%	14.185%

Sum of corrected areas: 61047784

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN23\31677.D
 Operator :
 Acquired : 23 Jan 2002 3:46 pm using AcqMethod SCAN508
 Instrument : Instrumen
 Sample Name: 508 scan
 Misc Info : January 22, 2002
 Vial Number: 2
 Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN23\31677.D
Acq On : 23 Jan 2002 3:46 pm
Sample : 508 scan
Misc : January 22, 2002
MS Integration Params: LSCINT.P

Vial: 2
Operator:
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)

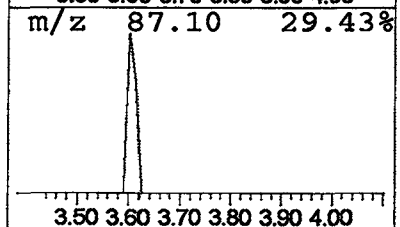
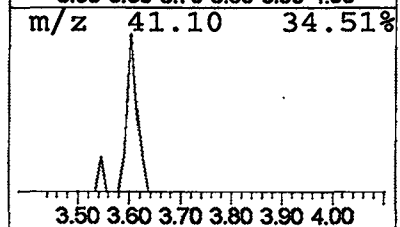
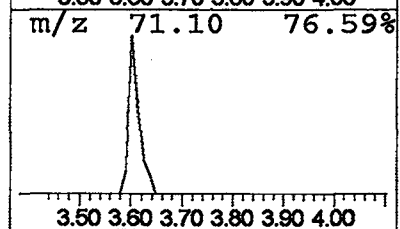
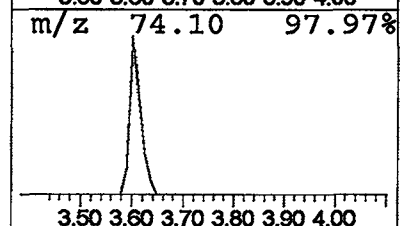
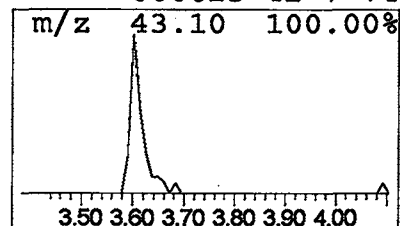
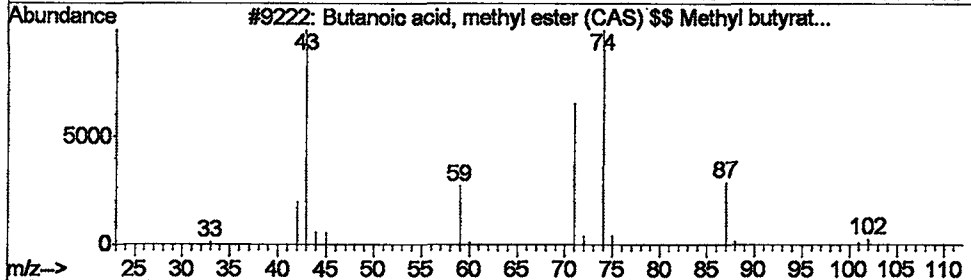
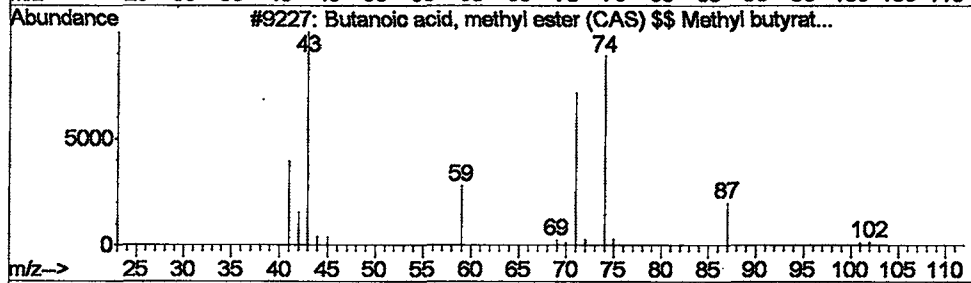
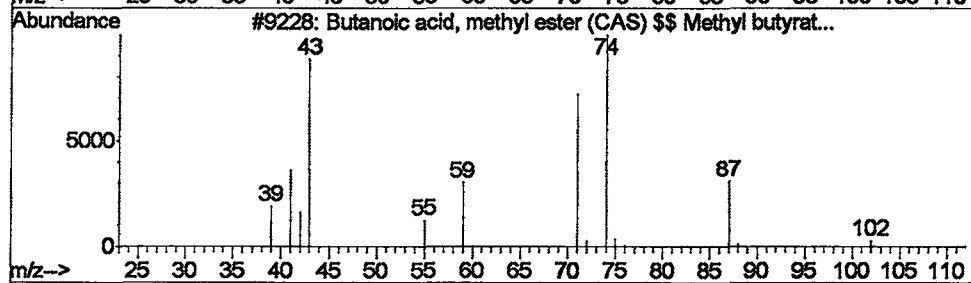
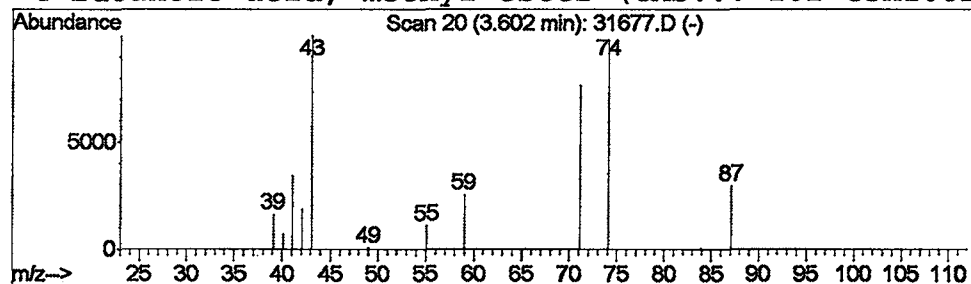
Title : 508 scan method

Library : C:\DATABASE\WILEY7N.L

Peak Number 1 Butanoic acid, methyl ester... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	0.15 ug/L	48647	1,4-Dichlorobenzene-d4	9.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
2			Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
3			Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
4			Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	74



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN23\31677.D
Acq On : 23 Jan 2002 3:46 pm
Sample : 508 scan
Misc : January 22, 2002
MS Integration Params: LSCINT.P

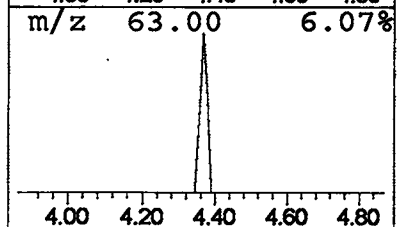
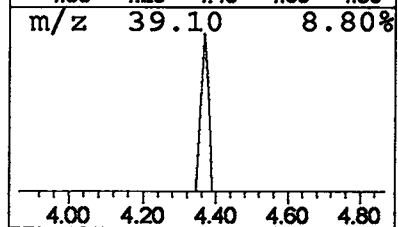
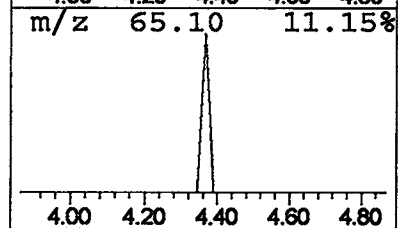
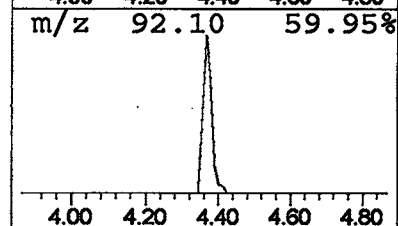
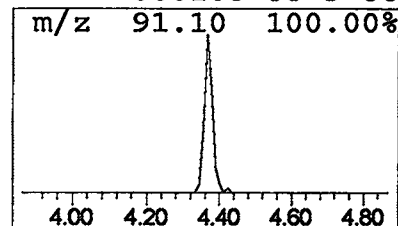
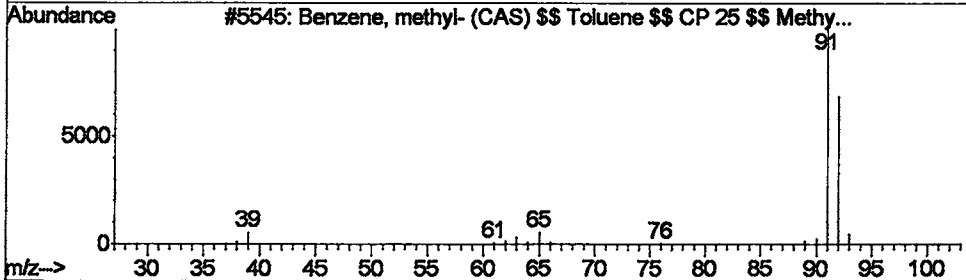
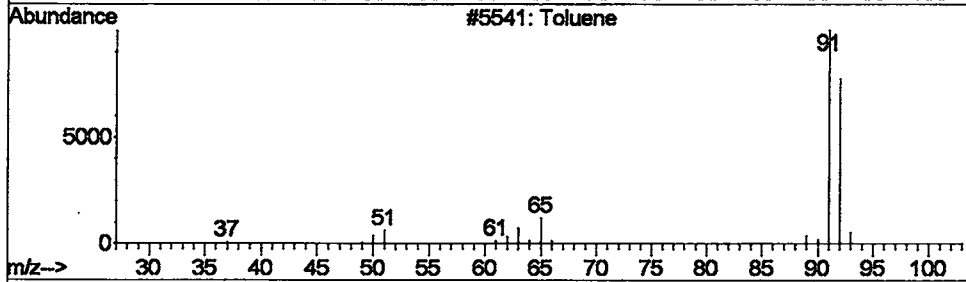
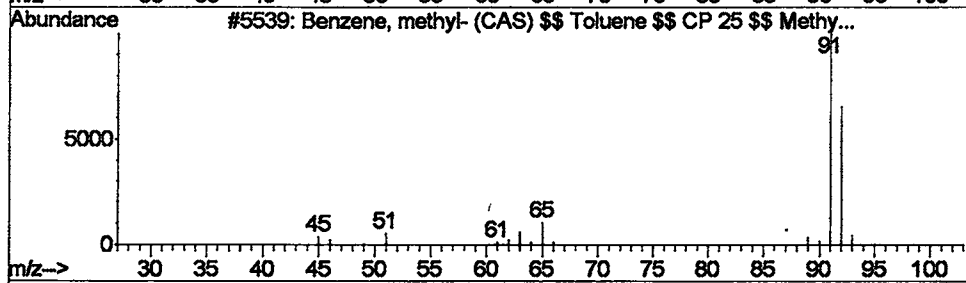
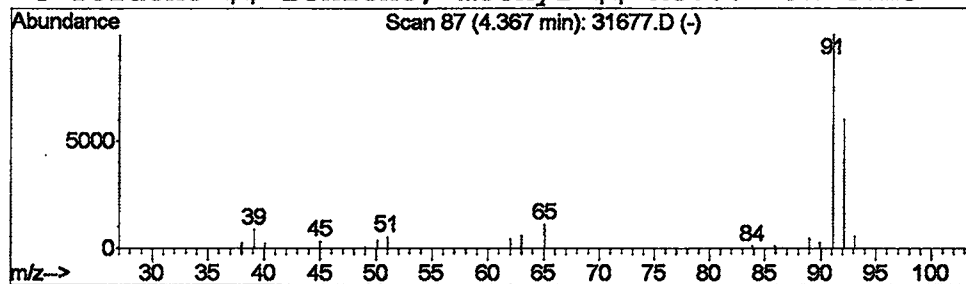
Vial: 2
Operator:
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

Peak Number 2 Benzene, methyl- (CAS) \$\$ T... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	0.22 ug/L	72220	1,4-Dichlorobenzene-d4	9.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, methyl- (CAS) \$\$ Toluen...	92	C7H8	000108-88-3	91
2			Toluene	92	C7H8	000108-88-3	91
3			Benzene, methyl- (CAS) \$\$ Toluen...	92	C7H8	000108-88-3	86
4			Toluene \$\$ Benzene, methyl \$\$ Me...	92	C7H8	000108-88-3	86



Library Search Compound Report

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Acq On : 23 Jan 2002 3:46 pm
Sample : 508 scan
Misc : January 22, 2002
MS Integration Params: LSCINT.P

Vial: 2
Operator:
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)

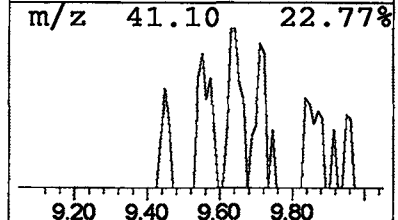
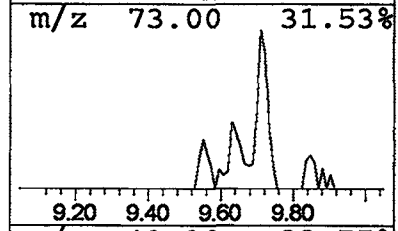
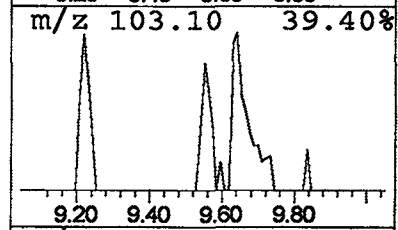
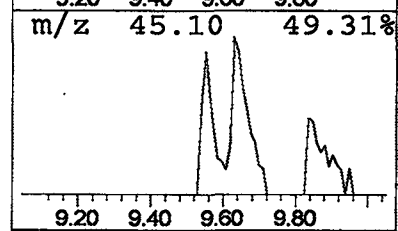
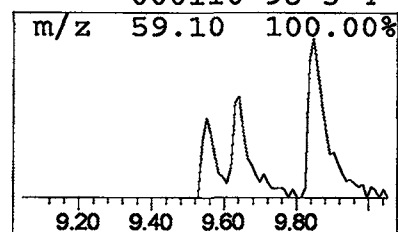
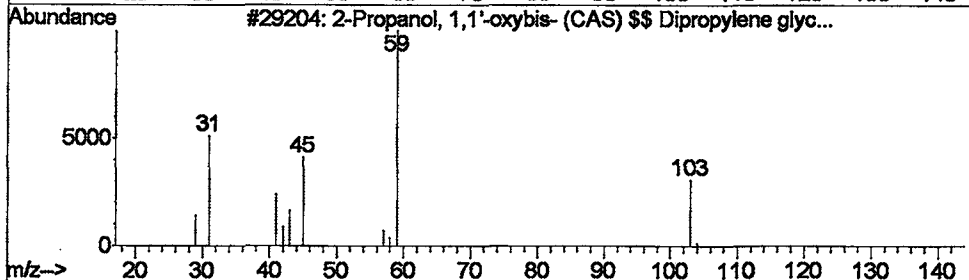
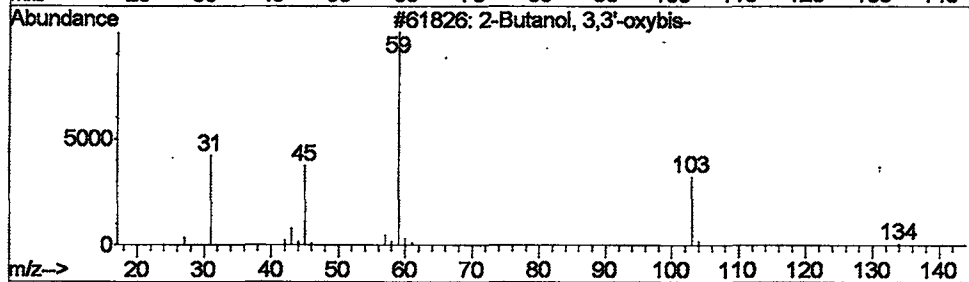
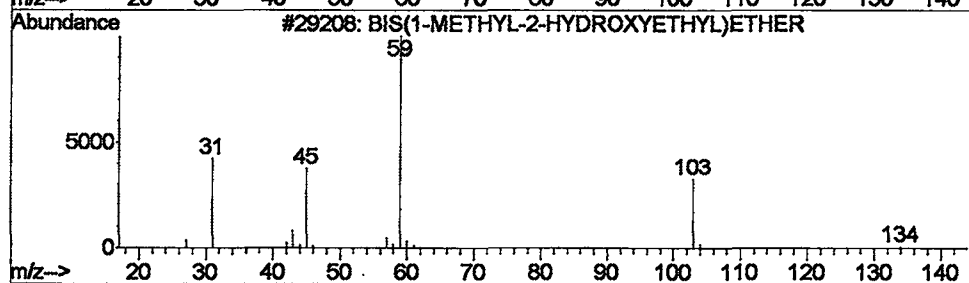
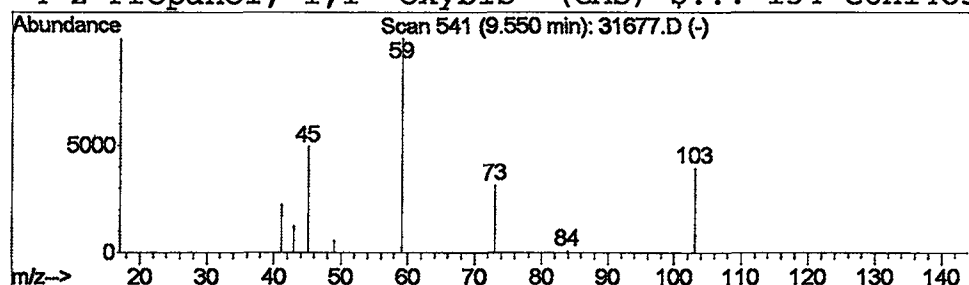
Title : 508 scan method

Library : C:\DATABASE\WILEY7N.L

Peak Number 3 BIS(1-METHYL-2-HYDROXYETHYL... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	0.11 ug/L	35140	1,4-Dichlorobenzene-d4	9.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			BIS(1-METHYL-2-HYDROXYETHYL)ETHER	134	C6H14O3	000000-00-0	9
2			2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	9
3			2-Propanol, 1,1'-oxybis- (CAS) \$...	134	C6H14O3	000110-98-5	9
4			2-Propanol, 1,1'-oxybis- (CAS) \$...	134	C6H14O3	000110-98-5	4



Library Search Compound Report

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MS Integration Params: LSCINT.P

Vial: 2
Operator:
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)

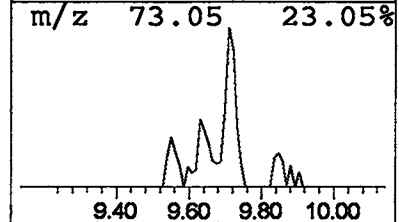
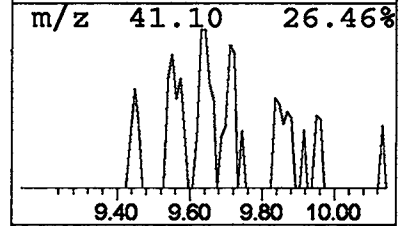
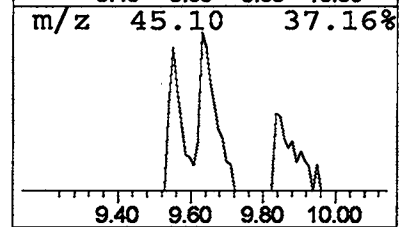
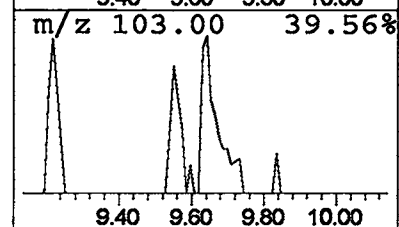
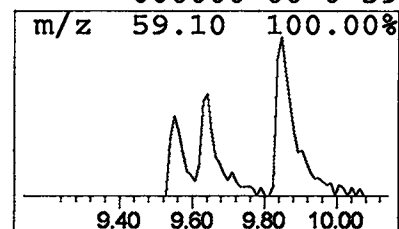
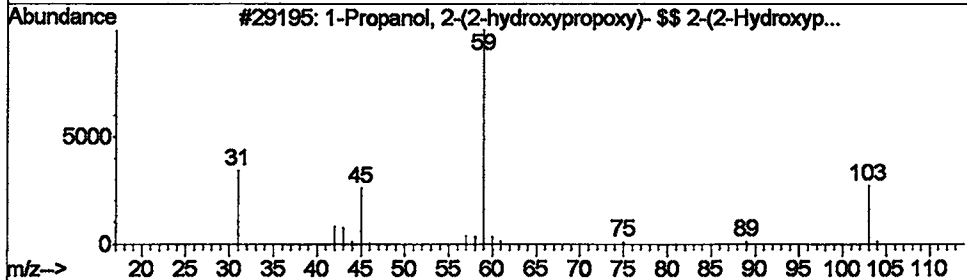
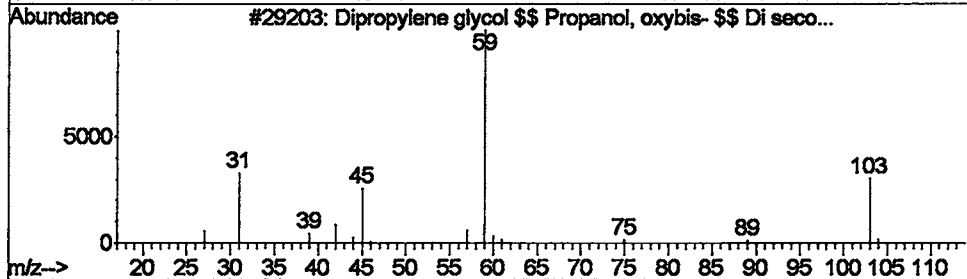
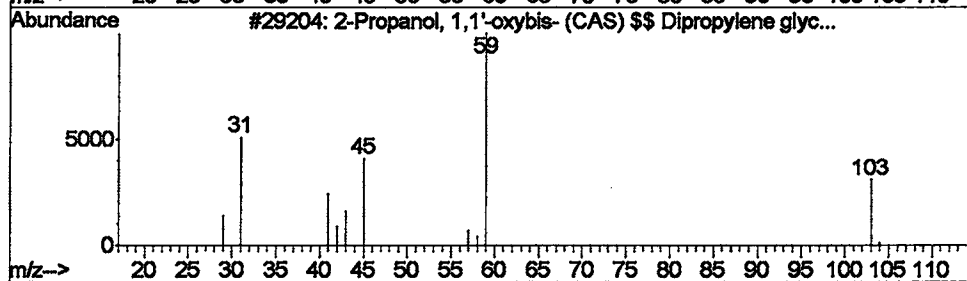
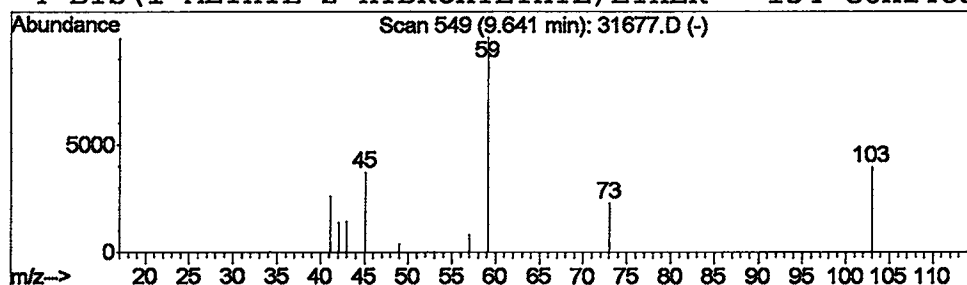
Title : 508 scan method

Library : C:\DATABASE\WILEY7N.L

Peak Number 4 2-Propanol, 1,1'-oxybis- (C... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	0.13 ug/L	44995	1,4-Dichlorobenzene-d4	9.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanol, 1,1'-oxybis- (CAS) \$...	134	C6H14O3	000110-98-5	72
2			Dipropylene glycol \$\$ Propanol, ...	134	C6H14O3	025265-71-8	40
3			1-Propanol, 2-(2-hydroxypropoxy)...	134	C6H14O3	000106-62-7	40
4			BIS(1-METHYL-2-HYDROXYETHYL) ETHER	134	C6H14O3	000000-00-0	39



Library Search Compound Report

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Acq On : 23 Jan 2002 3:46 pm
Sample : 508 scan
Misc : January 22, 2002
MS Integration Params: LSCINT.P

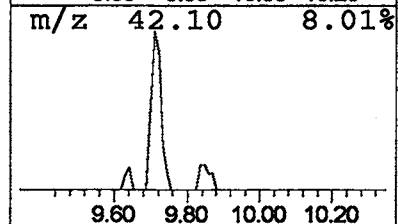
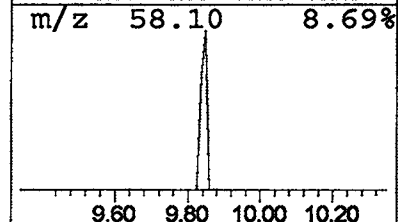
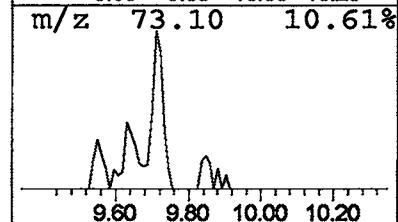
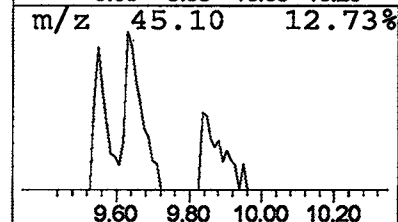
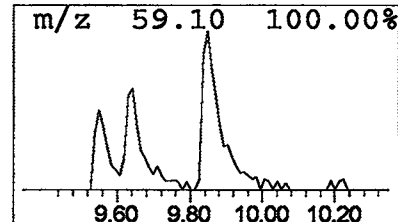
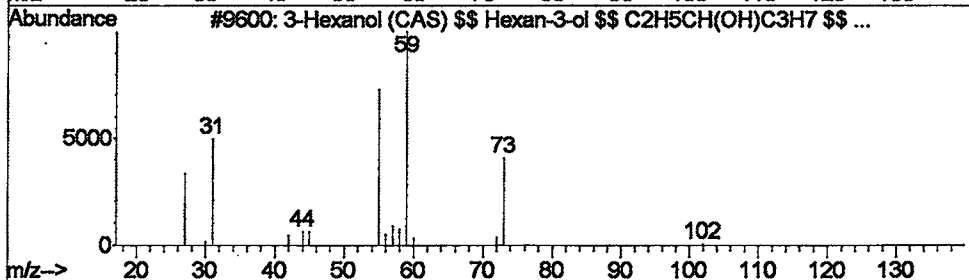
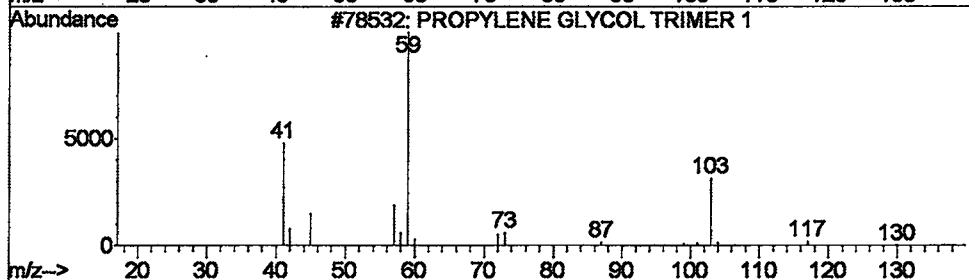
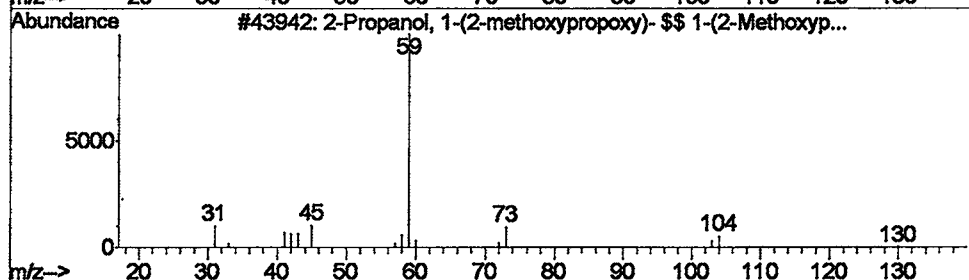
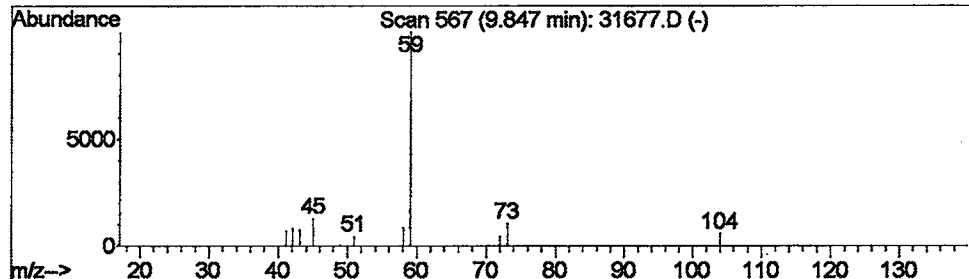
Vial: 2
Operator:
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

Peak Number 5 2-Propanol, 1-(2-methoxypro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	0.22 ug/L	74483	1,4-Dichlorobenzene-d4	9.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanol, 1-(2-methoxypropoxy)...	148	C7H16O3	013429-07-7	78
2			PROPYLENE GLYCOL TRIMER 1	174	C9H18O3	000000-00-0	43
3			3-Hexanol (CAS) \$\$ Hexan-3-ol \$\$...	102	C6H14O	000623-37-0	9
4			3-Hexanol	102	C6H14O	000623-37-0	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN23\31677.D
Acq On : 23 Jan 2002 3:46 pm
Sample : 508 scan
Misc : January 22, 2002
MS Integration Params: LSCINT.P

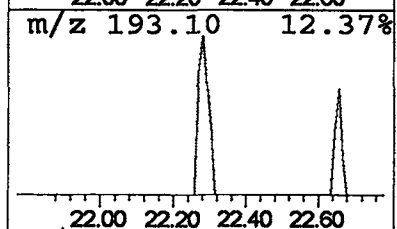
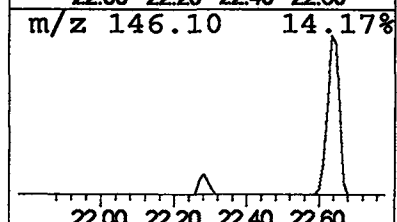
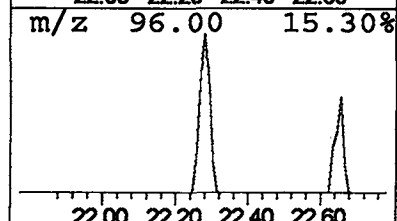
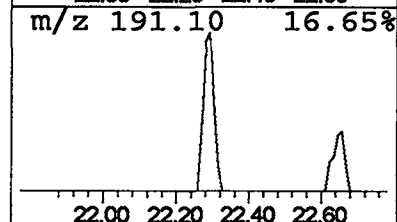
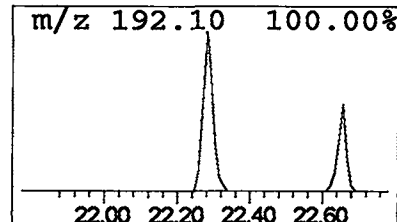
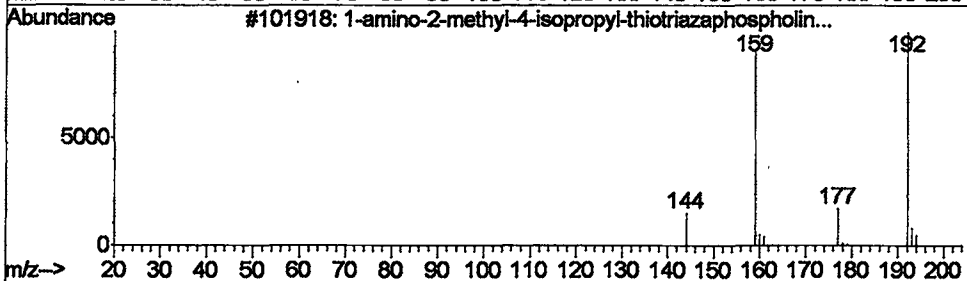
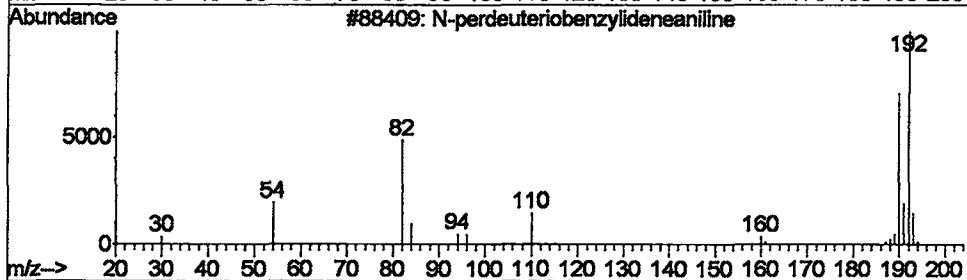
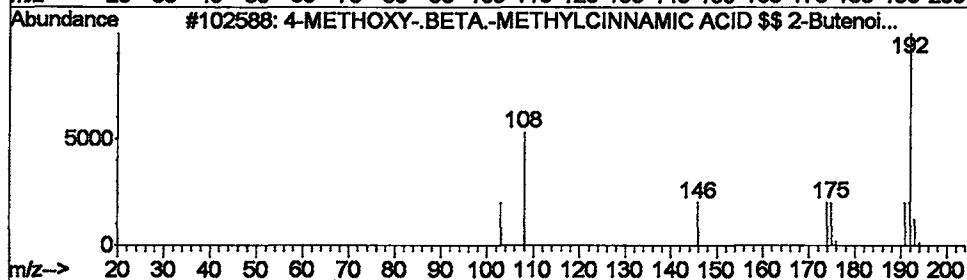
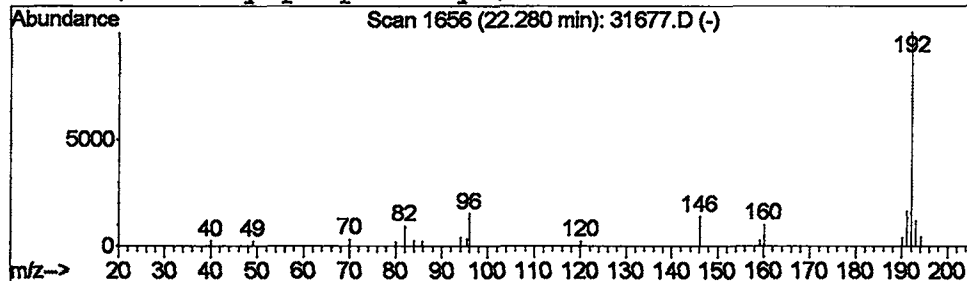
Vial: 2
Operator:
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

Peak Number 6 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.14 ug/L	83436	Phenanthrene-d10	22.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	72
2			N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	58
3			1-amino-2-methyl-4-isopropyl-thi...	192	C5H13N4PS	107264-54-0	50
4			N-(2-methylprop-2-enyl)-2-nitrob...	192	C10H12N2O2	000000-00-0	49



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN23\31677.D
 Acq On : 23 Jan 2002 3:46 pm
 Sample : 508 scan
 Misc : January 22, 2002
 MS Integration Params: LSCINT.P

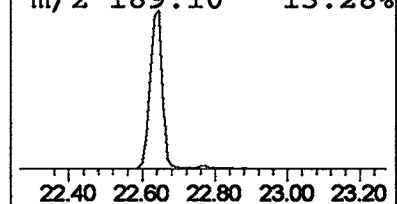
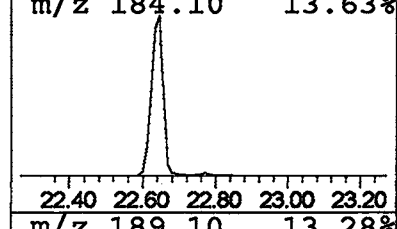
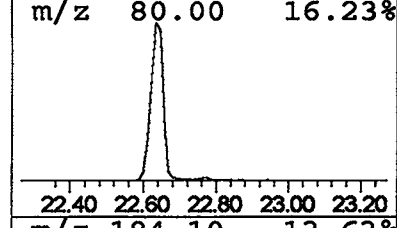
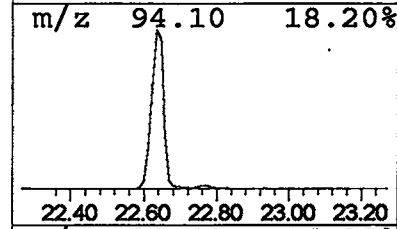
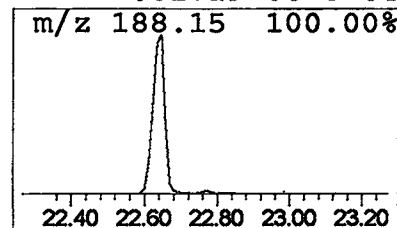
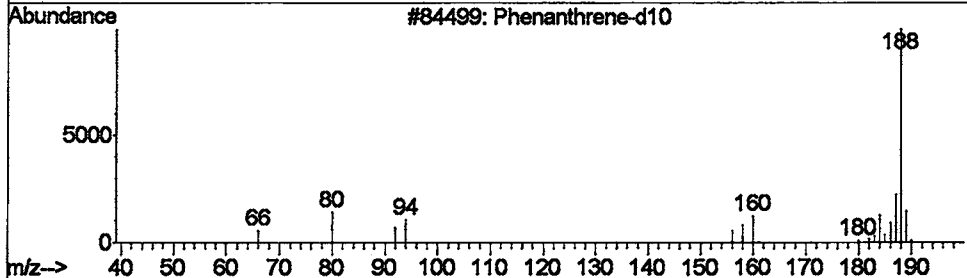
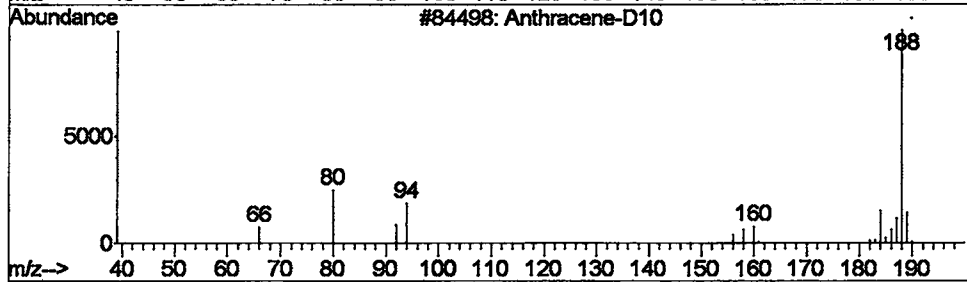
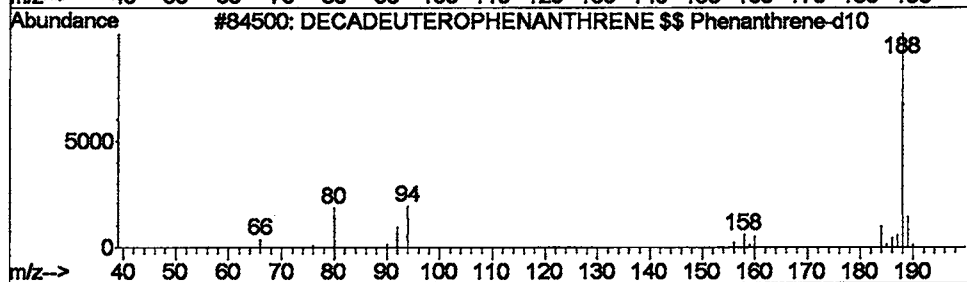
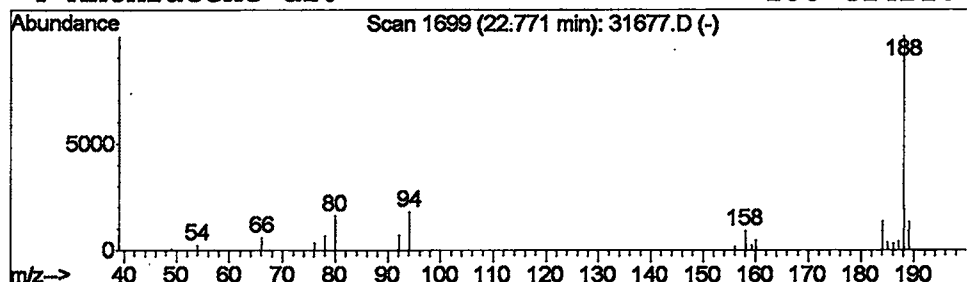
Vial: 2
 Operator:
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
 Title : 508 scan method
 Library : C:\DATABASE\WILEY7N.L

 Peak Number 7 DECADEUTEROPHENANTHRENE \$\$... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.34 ug/L	205090	Phenanthrene-d10	22.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			DECADEUTEROPHENANTHRENE \$\$ Phena...	188	C14D10	001517-22-2	94
2			Anthracene-D10	188	C14D10	000000-00-0	86
3			Phenanthrene-d10	188	C14D10	001517-22-2	78
4			Anthracene-d10-	188	C14D10	001719-06-8	64



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN23\31677.D
 Acq On : 23 Jan 2002 3:46 pm
 Sample : 508 scan
 Misc : January 22, 2002
 MS Integration Params: LSCINT.P

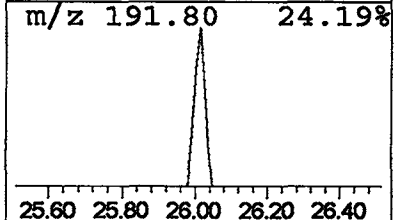
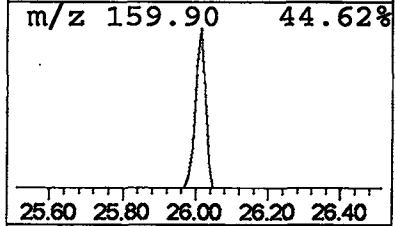
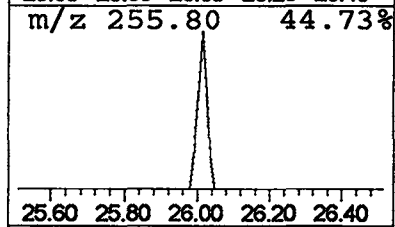
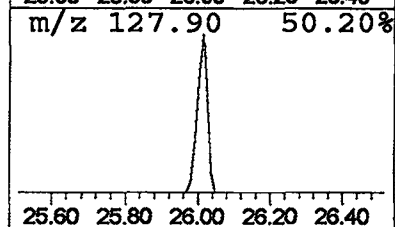
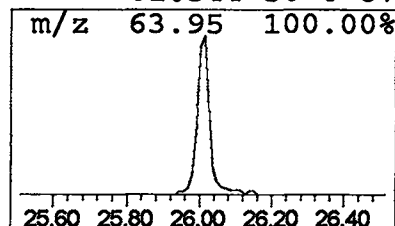
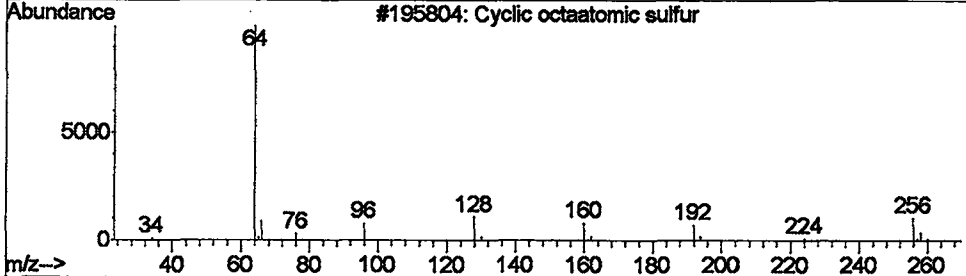
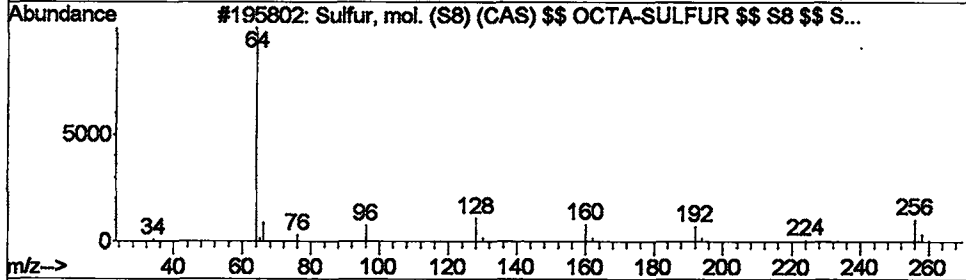
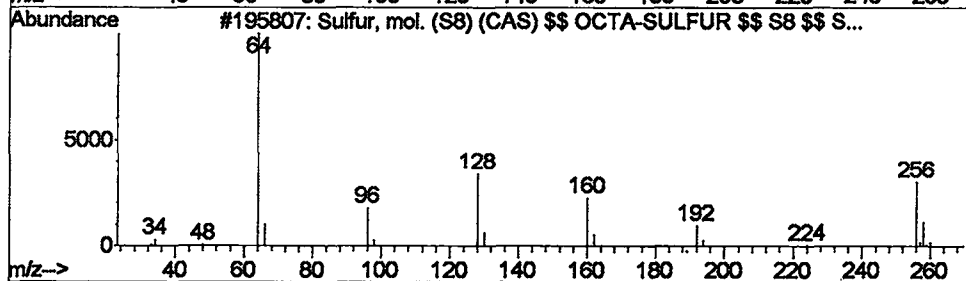
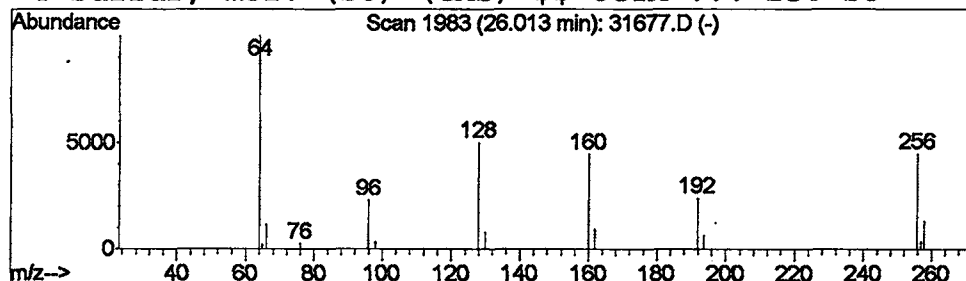
Vial: 2
 Operator:
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
 Title : 508 scan method
 Library : C:\DATABASE\WILEY7N.L

 Peak Number 8 Sulfur, mol. (S8) (CAS) \$\$... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.01	0.29 ug/L	172367	Phenanthrene-d10	22.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur, mol. (S8) (CAS) \$\$	OCTA-...	256	S8	010544-50-0	95	
2	Sulfur, mol. (S8) (CAS) \$\$	OCTA-...	256	S8	010544-50-0	90	
3	Cyclic octaatomic sulfur		256	S8	010544-50-0	90	
4	Sulfur, mol. (S8) (CAS) \$\$	OCTA-...	256	S8	010544-50-0	87	



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Jan 2002 3:46 pm
Data File: C:\MSDCHEM\1\5973N\02JAN23\31677.D
Name: 508 scan
Misc: January 22, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butanoic acid, me...	3.60	0.1	ug/L	48647	1	9.72	6677760	20.0
Benzene, methyl- ...	4.37	0.2	ug/L	72220	1	9.72	6677760	20.0
BIS(1-METHYL-2-HY...	9.55	0.1	ug/L	35140	1	9.72	6677760	20.0
2-Propanol, 1,1'-...	9.64	0.1	ug/L	44995	1	9.72	6677760	20.0
2-Propanol, 1-(2-...	9.85	0.2	ug/L	74483	1	9.72	6677760	20.0
4-METHOXY-.BETA.-...	22.28	0.1	ug/L	83436	4	22.65	11951300	20.0
DECADEUTEROPHENAN...	22.77	0.3	ug/L	205090	4	22.65	11951300	20.0
Sulfur mol. (S8)...	26.01	0.3	ug/L	172367	4	22.65	11951300	20.0