

David L
Dept. of Labs & Research
1/28/2002 Time: 15:27:02

Sample: AD31637

Analysis: \$GCMS GCMS Scan For Unknowns

Units: ug

Started: 1/28/02 15:26 Ended: 1/28/02 15:26 Analyst: DLV

Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		96		5.0

Comments for Sample AD31637 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 01-28-2002 Time: 15:27:31

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

The recoveries for 2 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Data File : C:\MSDCHEM\1\5973N\02JAN17\31637.D

Vial: 4

Acq On : 17 Jan 2002 12:42 pm

Operator:

Sample : 508 scan

Inst : Instrumen

Misc : January 17, 2002

Multiplr: 1.00

MS Integration Params: SPLIT.P

Quant Time: Jan 22 08:30:07 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	9.71	152	1136488	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	4841346	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	2592565	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	4414342	20.00	ug/L	-0.02
38) Chrysene-d12	30.49	240	3732285	20.00	ug/L	-0.02
44) Perylene-d12	34.42	264	2655386	20.00	ug/L	0.00

System Monitoring Compounds

37) 2,4-DDD	27.73	235	335076	4.80	ug/L	0.00
Spiked Amount	5.000		Recovery	=	96.00%	

Target Compounds

						Qvalue
2) n-Nitrosodimethylamine	3.60	74	13454	0.28	ug/L	# 16
20) Dimethylphthalate	18.34	163	415866	2.43	ug/L	# 56
21) 2,6-Dinitrotoluene	18.34	165	331353	9.92	ug/L	# 17
35) Di-n-butylphthalate	24.85	149	86170	0.30	ug/L	96
42) Bis(2-ethylhexyl)phthalate	31.11	149	9092	0.60	ug/L	87

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

31637.D SCAN508.M Tue Jan 22 08:30:08 2002

Page 1

Data File : C:\MSDCHEM\1\5973N\02JAN17\31637.D

Vial: 4

Acq On : 17 Jan 2002 12:42 pm

Operator:

Sample : 508 scan

Inst : Instrumen

Misc : January 17, 2002

Multiplr: 1.00

MS Integration Params: SPLIT.P

Quant Time: Jan 22 8:30 2002

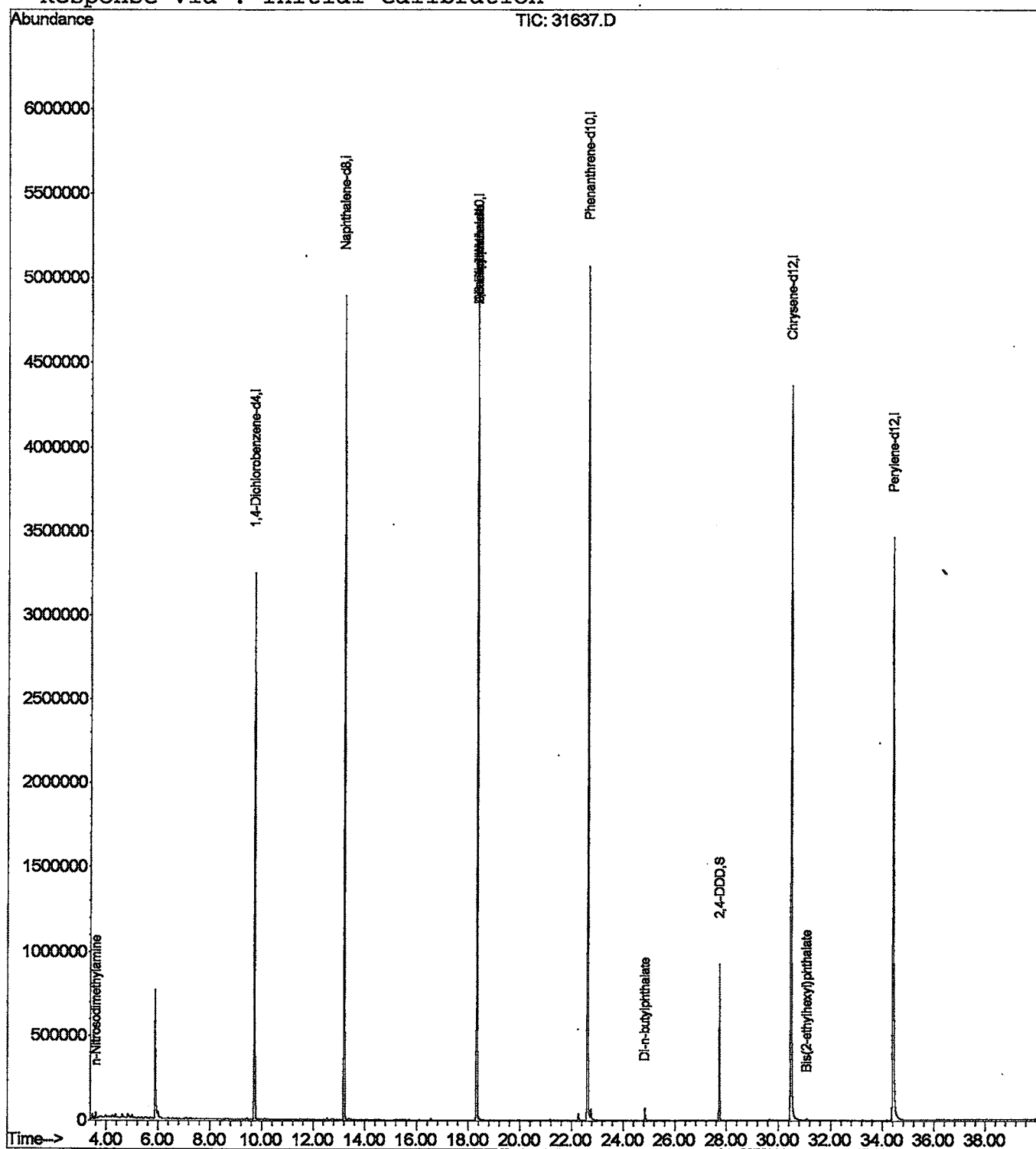
Quant Results File: SCAN508.RE

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\02JAN17\31637.D

Vial: 4

Acq On : 17 Jan 2002 12:42 pm

Operator:

Sample : 508 scan

Inst : Instrumen

Misc : January 17, 2002

Multiplr: 1.00

MS Integration Params: LSCINT.P

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

Title : 508 scan method

Smoothing : OFF

Filtering: 5

Sampling : 2

Min Area: 100 Area counts

Start Thrs: 0.2

Max Peaks: 20

Stop Thrs : 0

Peak Location: TOP

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

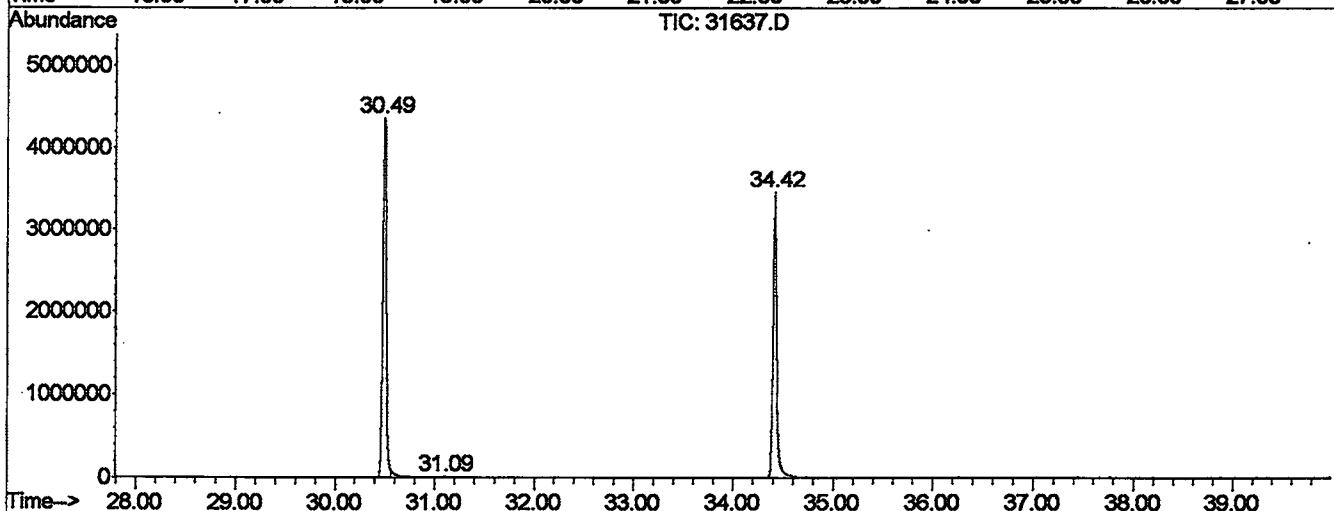
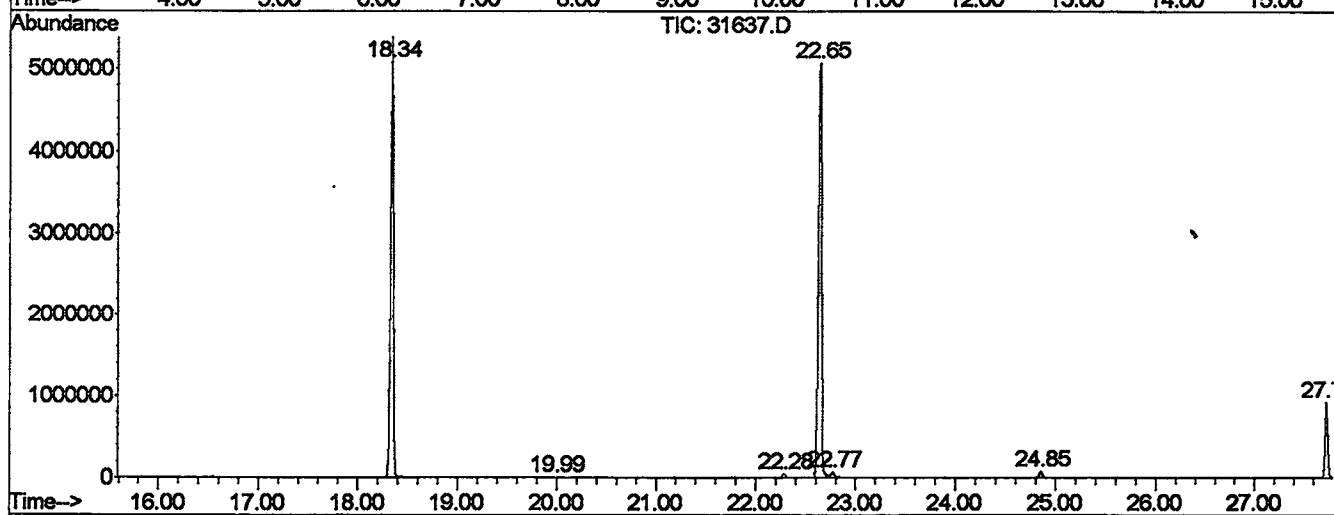
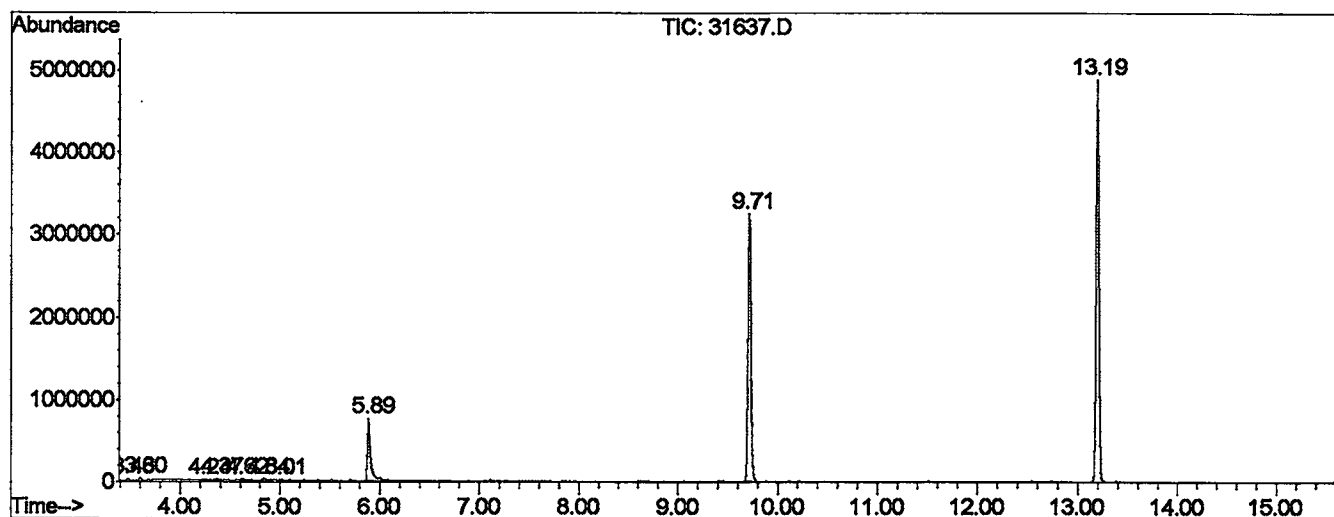
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.476	7	9	15	rVB	30241	47823	0.41%	0.077%
2	3.602	15	20	25	rBV	38086	70084	0.60%	0.113%
3	4.241	71	76	83	rVB4	13531	38262	0.33%	0.062%
4	4.367	83	87	91	rBV2	20405	32854	0.28%	0.053%
5	4.618	107	109	125	rVB4	21717	53303	0.46%	0.086%
6	4.835	125	128	135	rBV3	26037	66044	0.57%	0.107%
7	5.006	141	143	149	rVB5	17787	28474	0.24%	0.046%
8	5.885	215	220	245	rBV	763765	1648276	14.15%	2.668%
9	9.710	551	555	561	rBV	3240413	6473013	55.55%	10.478%
10	13.192	855	860	865	rBV	4887233	9315889	79.95%	15.080%
11	18.341	1305	1311	1315	rBV	5377441	10534368	90.40%	17.052%
12	19.985	1443	1455	1459	rBV5	5460	27883	0.24%	0.045%
13	22.280	1651	1656	1661	rVB	43853	81654	0.70%	0.132%
14	22.645	1681	1688	1693	rBV2	5066036	11652699	100.00%	18.863%
15	22.771	1695	1699	1705	rVB	60375	135752	1.16%	0.220%
16	24.849	1877	1881	1891	rVV	75112	137508	1.18%	0.223%
17	27.726	2129	2133	2139	rBV	924707	1632792	14.01%	2.643%
18	30.489	2369	2375	2381	rBV	4359276	10801980	92.70%	17.485%
19	31.094	2425	2428	2437	rVV5	11390	34569	0.30%	0.056%
20	34.416	2713	2719	2753	rBV	3453901	8963748	76.92%	14.510%

Sum of corrected areas: 61776975

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN17\31637.D
 Operator :
 Acquired : 17 Jan 2002 12:42 pm using AcqMethod SCAN508
 Instrument : Instrumen
 Sample Name: 508 scan
 Misc Info : January 17, 2002
 Vial Number: 4
 Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN17\31637.D
 Acq On : 17 Jan 2002 12:42 pm
 Sample : 508 scan
 Misc : January 17, 2002
 MS Integration Params: LSCINT.P

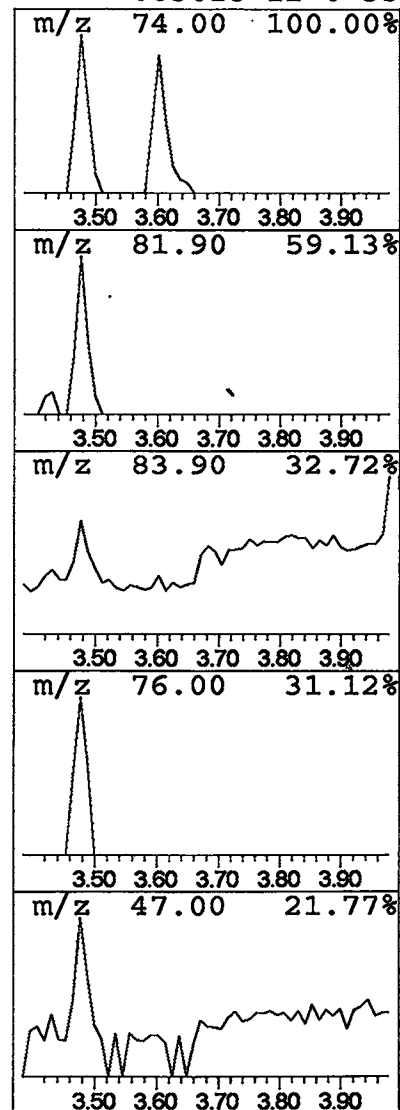
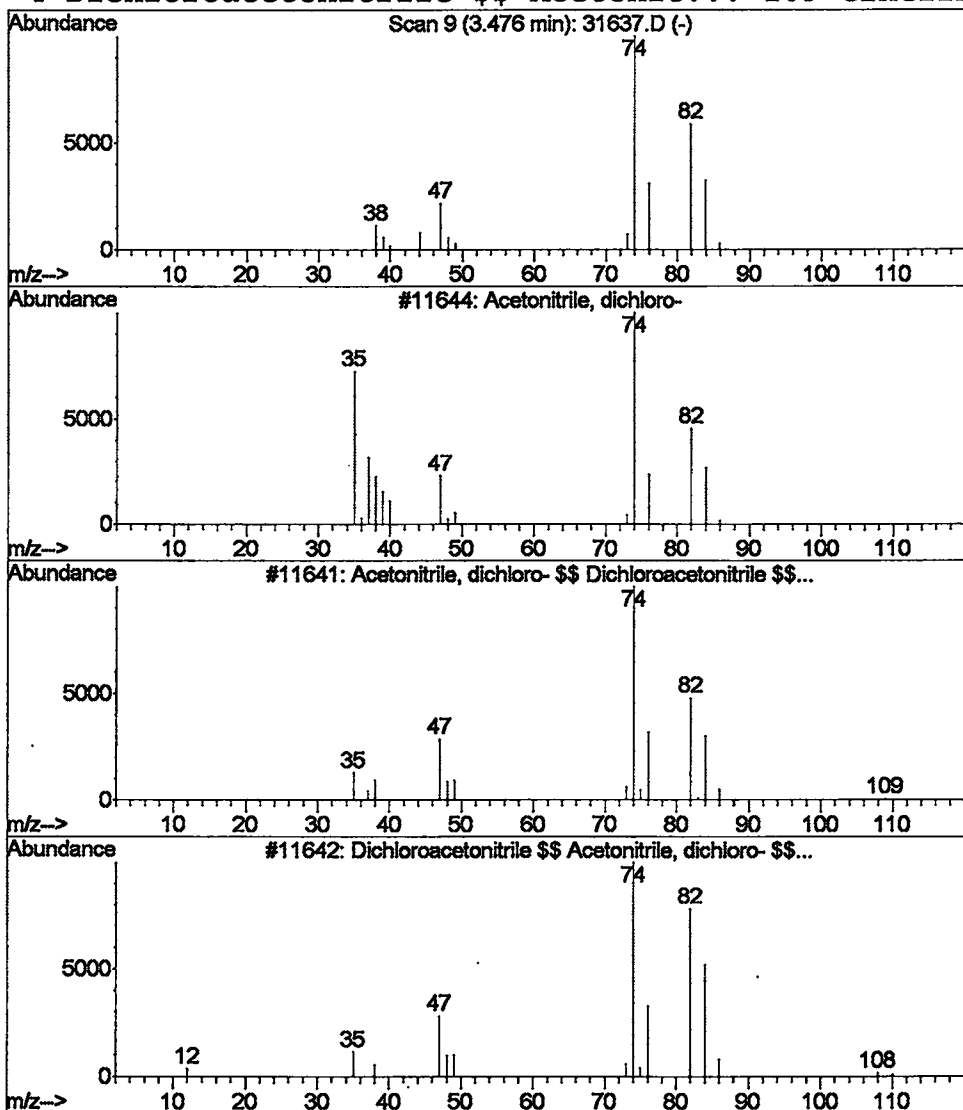
Vial: 4
 Operator:
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 1 Acetonitrile, dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.48	0.15 ug/L	47823	1,4-Dichlorobenzene-d4	9.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	78
2		Acetonitrile, dichloro- \$\$ Dichl...	109	C2HCl2N	003018-12-0	74
3		Dichloroacetonitrile \$\$ Acetonit...	109	C2HCl2N	003018-12-0	40
4		Dichloroacetonitrile \$\$ Acetonit...	109	C2HCl2N	003018-12-0	33



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN17\31637.D
 Acq On : 17 Jan 2002 12:42 pm
 Sample : 508 scan
 Misc : January 17, 2002
 MS Integration Params: LSCINT.P

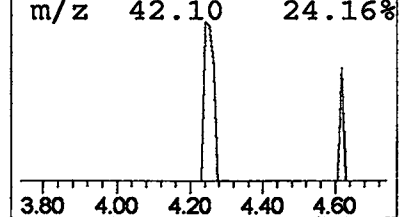
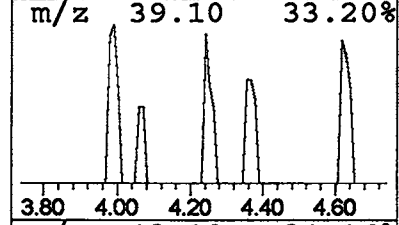
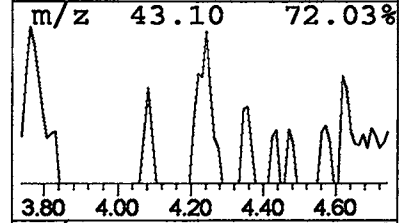
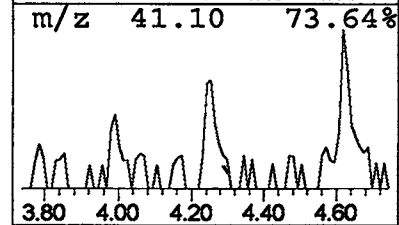
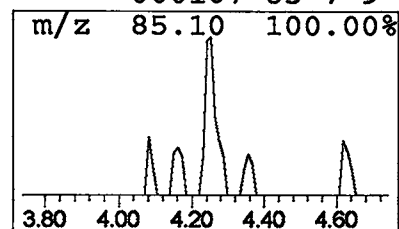
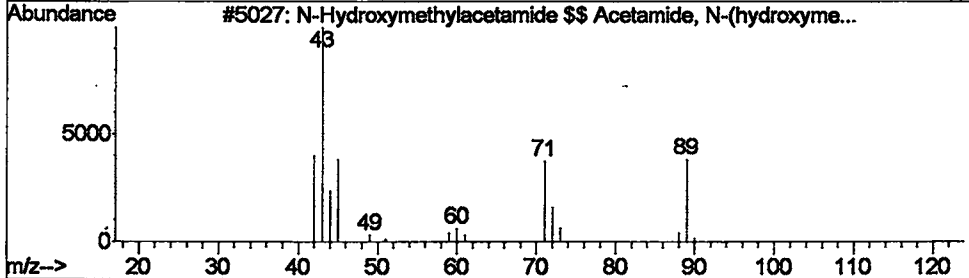
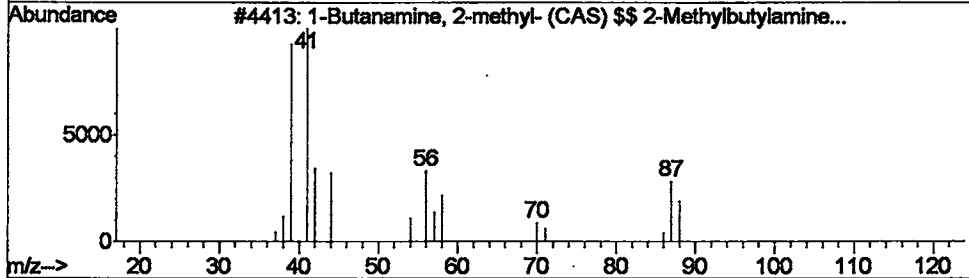
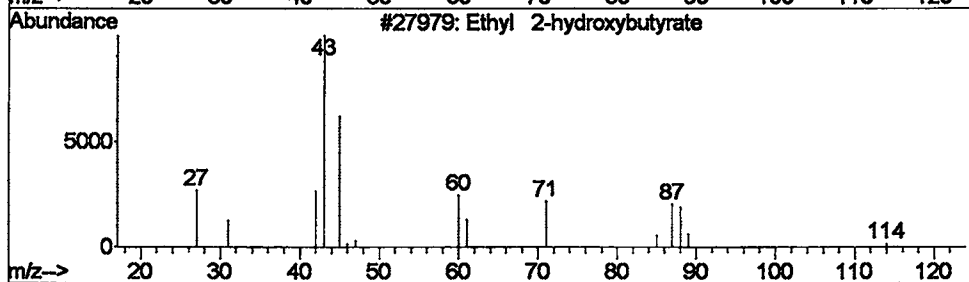
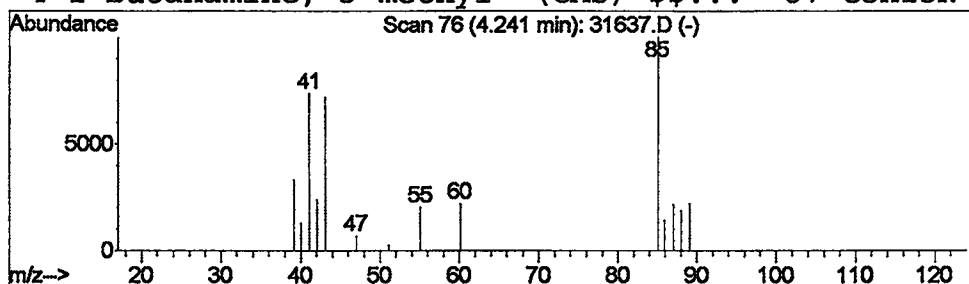
Vial: 4
 Operator:
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 2 Ethyl 2-hydroxybutyrate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.24	0.12 ug/L	38262	1,4-Dichlorobenzene-d4	9.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl	2-hydroxybutyrate	132	C6H12O3	000000-00-0	16
2	1-Butanamine, 2-methyl-	(CAS) \$\$...	87	C5H13N	000096-15-1	10
3	N-Hydroxymethylacetamide	\$\$ Acet...	89	C3H7NO2	000625-51-4	9
4	1-Butanamine, 3-methyl-	(CAS) \$\$...	87	C5H13N	000107-85-7	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN17\31637.D
Acq On : 17 Jan 2002 12:42 pm
Sample : 508 scan
Misc : January 17, 2002
MS Integration Params: LSCINT.P

Vial: 4
Operator:
Inst : Instrumen
Multiplr: 1.00

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

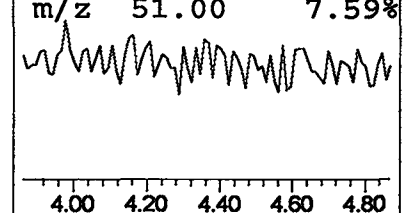
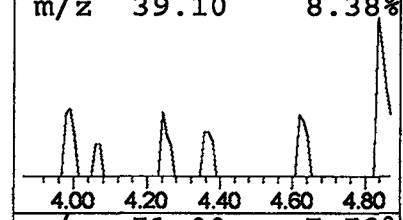
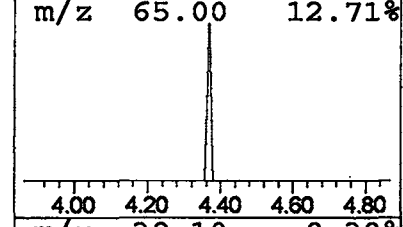
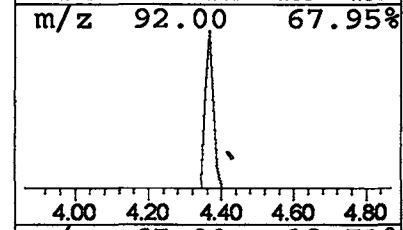
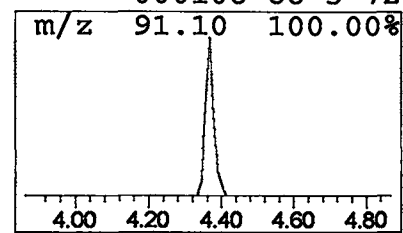
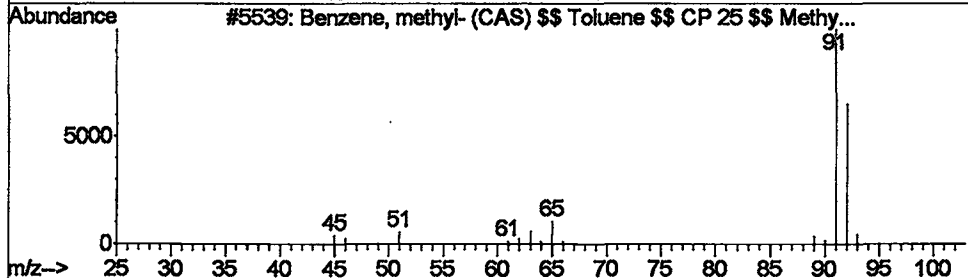
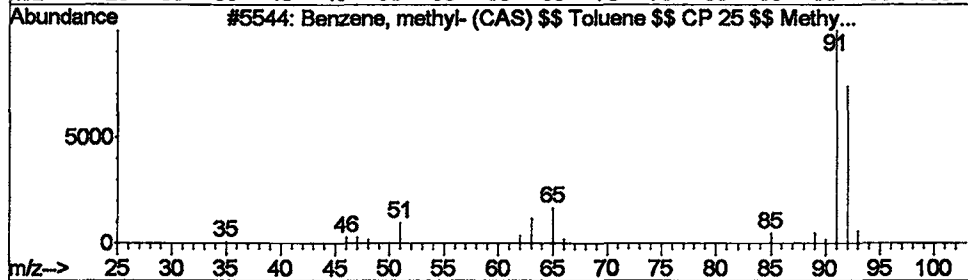
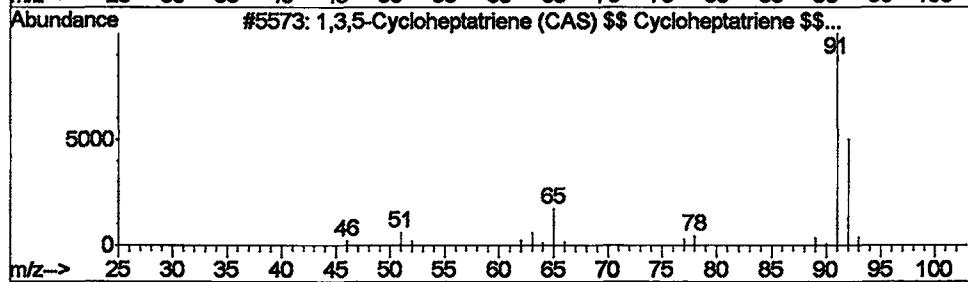
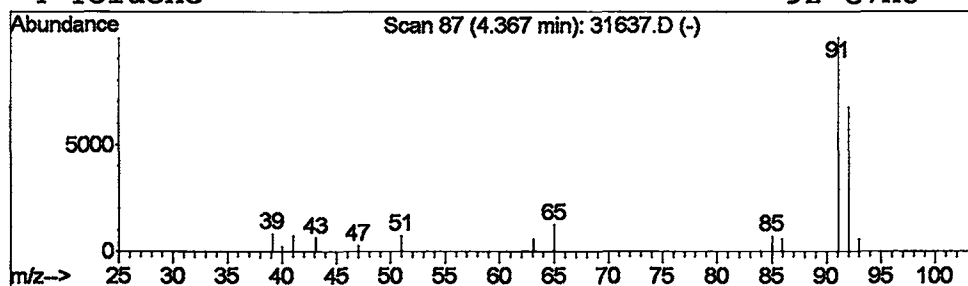
Title : 508 scan method

Library : C:\DATABASE\WILEY7N.L

Peak Number 3 1,3,5-Cycloheptatriene (CAS... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	0.10 ug/L	32854	1,4-Dichlorobenzene-d4	9.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,5-Cycloheptatriene (CAS) \$\$...	92	C7H8	000544-25-2	80
2			Benzene, methyl- (CAS) \$\$ Toluen...	92	C7H8	000108-88-3	72
3			Benzene, methyl- (CAS) \$\$ Toluen...	92	C7H8	000108-88-3	72
4			Toluene	92	C7H8	000108-88-3	72



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN17\31637.D

Acq On : 17 Jan 2002 12:42 pm

Sample : 508 scan

Misc : January 17, 2002

MS Integration Params: LSCINT.P

Vial: 4

Operator:

Inst : Instrumen

Multiplr: 1.00

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

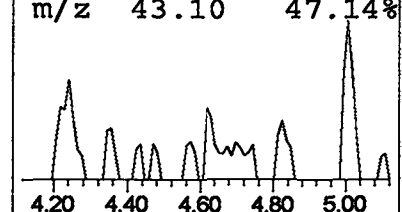
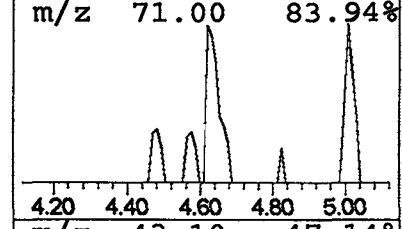
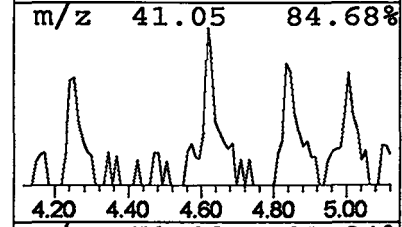
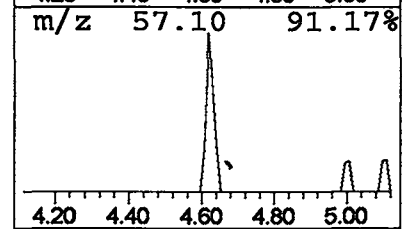
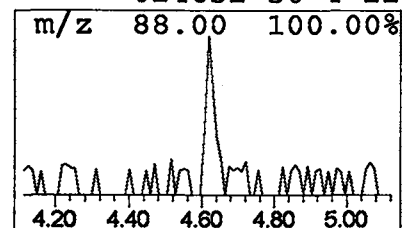
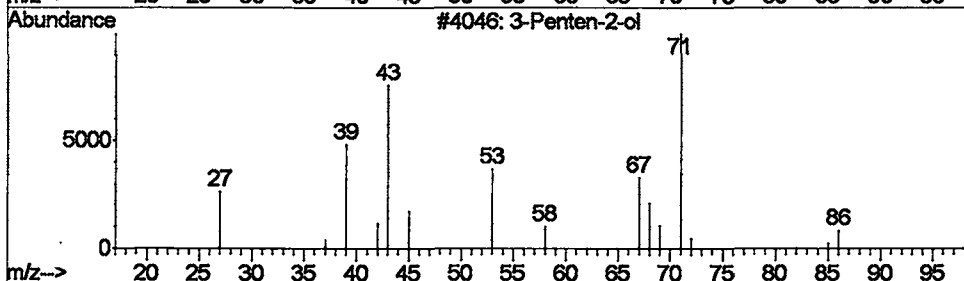
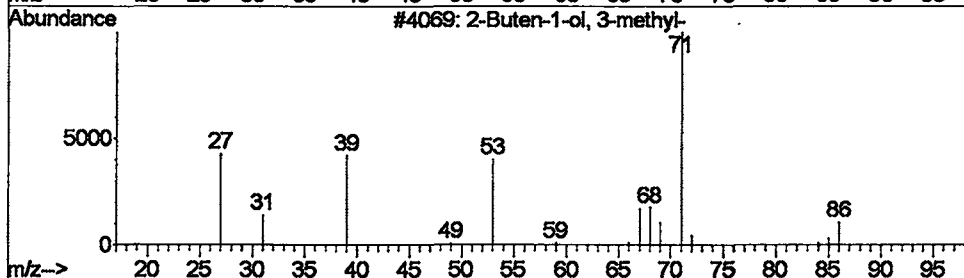
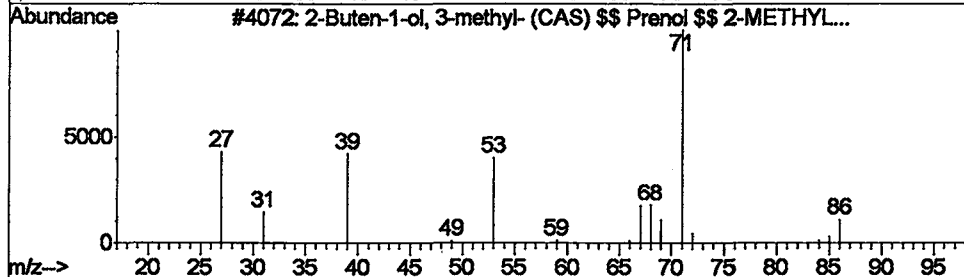
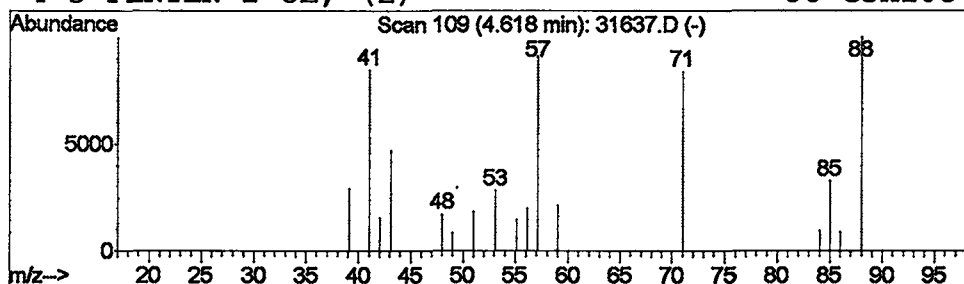
Title : 508 scan method

Library : C:\DATABASE\WILEY7N.L

Peak Number 4 2-Buten-1-ol, 3-methyl- (CA... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	0.16 ug/L	53303	1,4-Dichlorobenzene-d4	9.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Buten-1-ol, 3-methyl- (CAS) \$\$...	86	C5H10O	000556-82-1	22
2			2-Buten-1-ol, 3-methyl-	86	C5H10O	000556-82-1	22
3			3-Penten-2-ol	86	C5H10O	001569-50-2	22
4			3-PENTEN-2-OL, (Z) -	86	C5H10O	024652-50-4	22



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN17\31637.D

Acq On : 17 Jan 2002 12:42 pm

Sample : 508 scan

Misc : January 17, 2002

MS Integration Params: LSCINT.P

Vial: 4

Operator:

Inst : Instrumen

Multiplr: 1.00

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

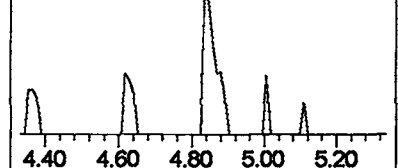
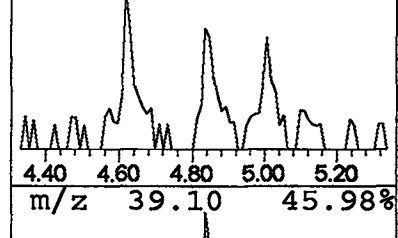
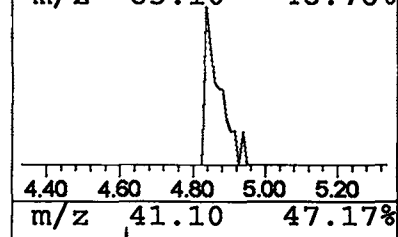
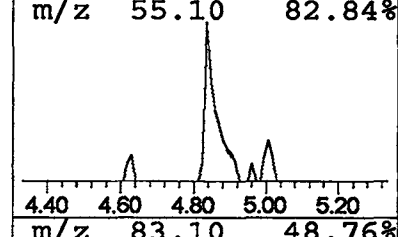
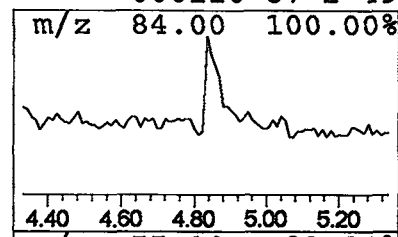
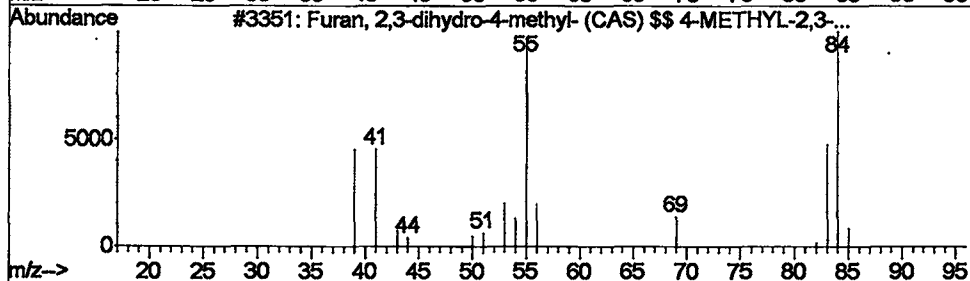
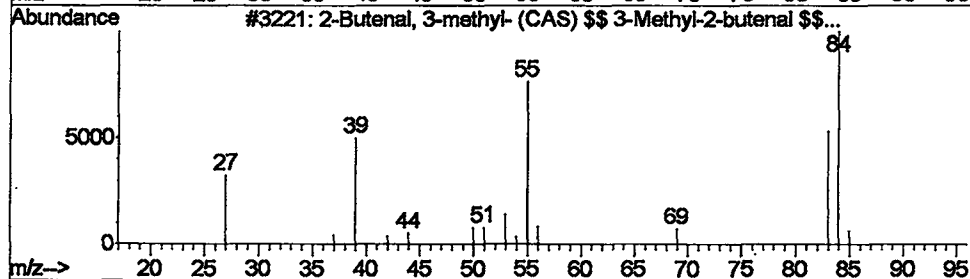
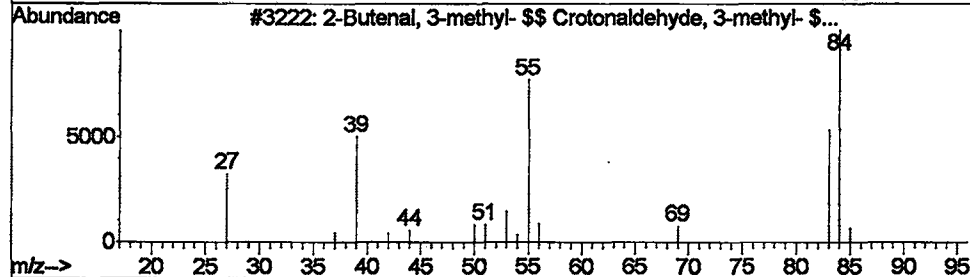
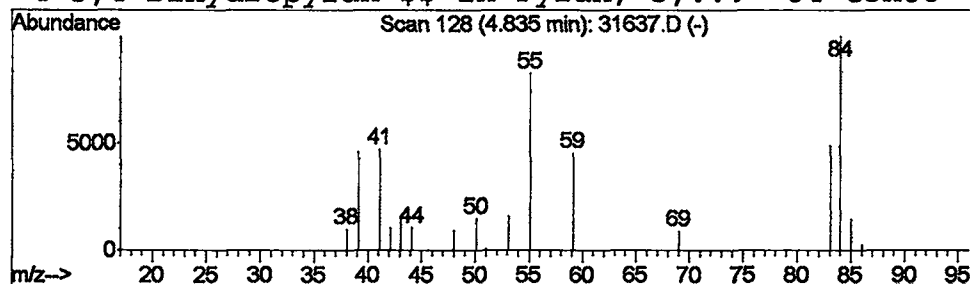
Title : 508 scan method

Library : C:\DATABASE\WILEY7N.L

Peak Number 5 2-Butenal, 3-methyl- \$\$ Cro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	0.20 ug/L	66044	1,4-Dichlorobenzene-d4	9.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Butenal, 3-methyl- \$\$ Crotonal...	84	C5H8O	000107-86-8	72
2		2-Butenal, 3-methyl- (CAS) \$\$ 3-...	84	C5H8O	000107-86-8	72
3		Furan, 2,3-dihydro-4-methyl- (CA...	84	C5H8O	034314-83-5	59
4		3,4-Dihydropyran \$\$ 2H-Pyran, 3,...	84	C5H8O	000110-87-2	49



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN17\31637.D
Acq On : 17 Jan 2002 12:42 pm
Sample : 508 scan
Misc : January 17, 2002
MS Integration Params: LSCINT.P

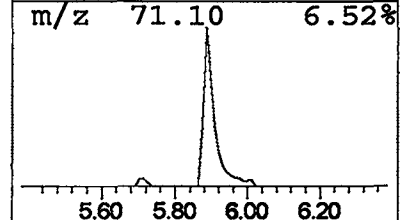
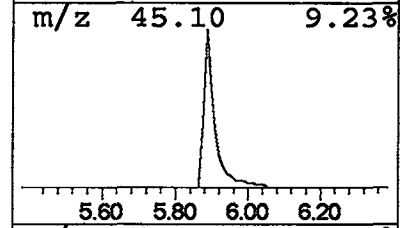
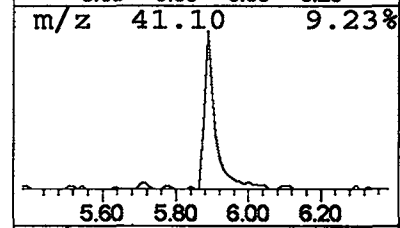
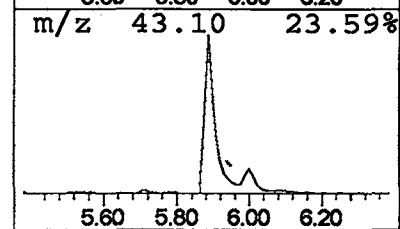
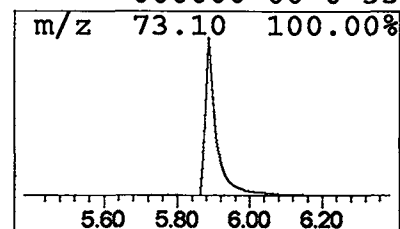
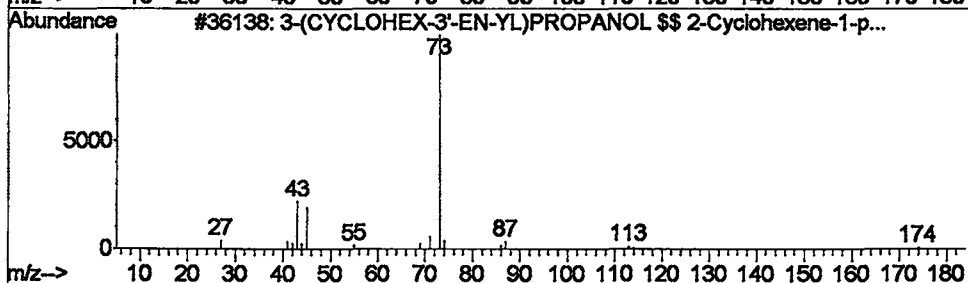
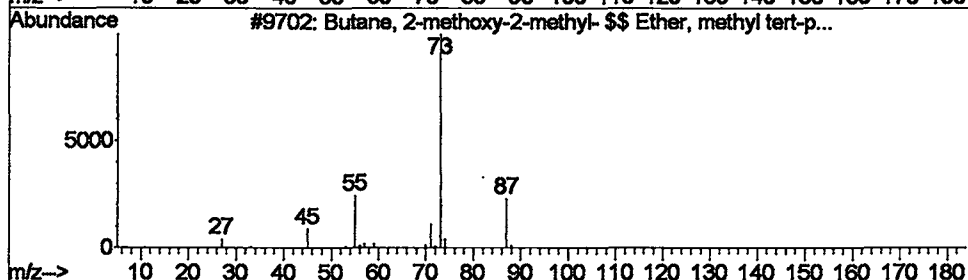
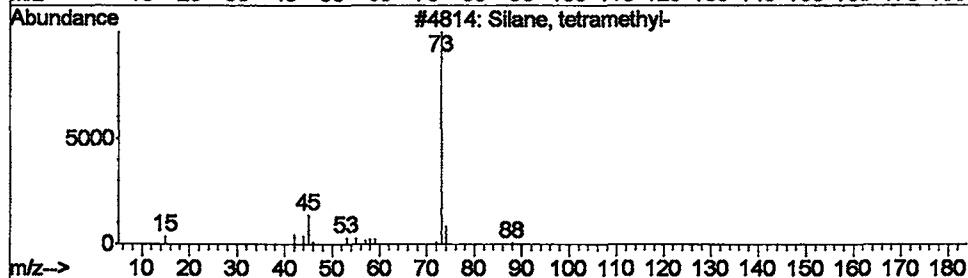
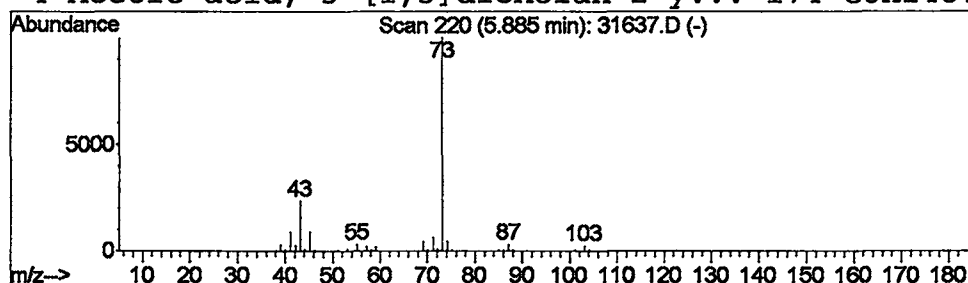
Vial: 4
Operator:
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 6 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	5.09 ug/L	1648280	1,4-Dichlorobenzene-d4	9.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Silane, tetramethyl-	88	C4H12Si	000075-76-3	37
2		Butane, 2-methoxy-2-methyl- \$\$ E...	102	C6H14O	000994-05-8	36
3		3-(CYCLOHEX-3'-EN-YL)PROPANOL \$\$...	174	C8H14O4	015745-87-6	33
4		Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	33



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN17\31637.D
Acq On : 17 Jan 2002 12:42 pm
Sample : 508 scan
Misc : January 17, 2002
MS Integration Params: LSCINT.P

Vial: 4
Operator:
Inst : Instrumen
Multiplr: 1.00

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

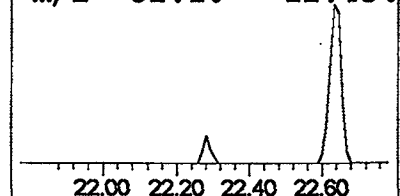
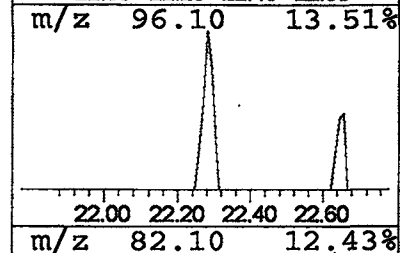
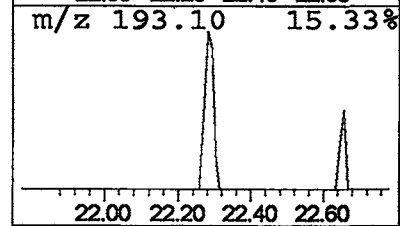
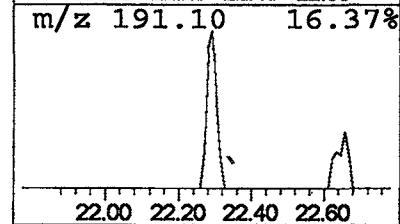
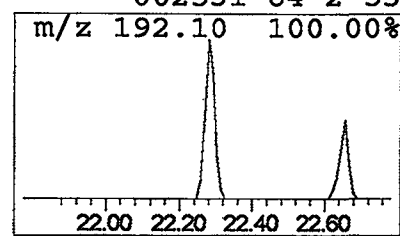
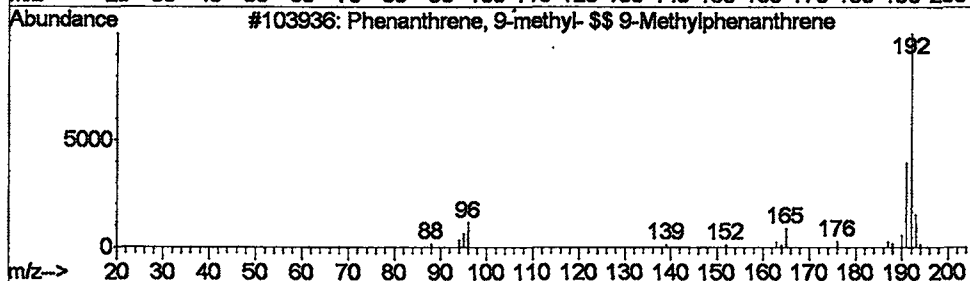
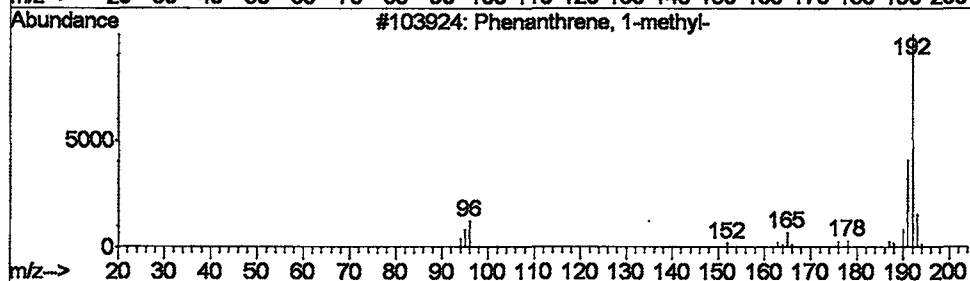
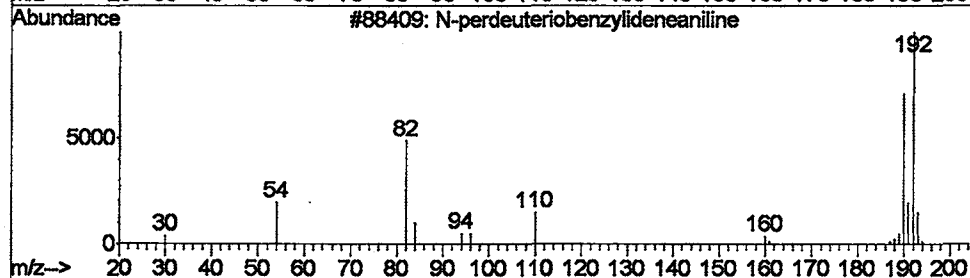
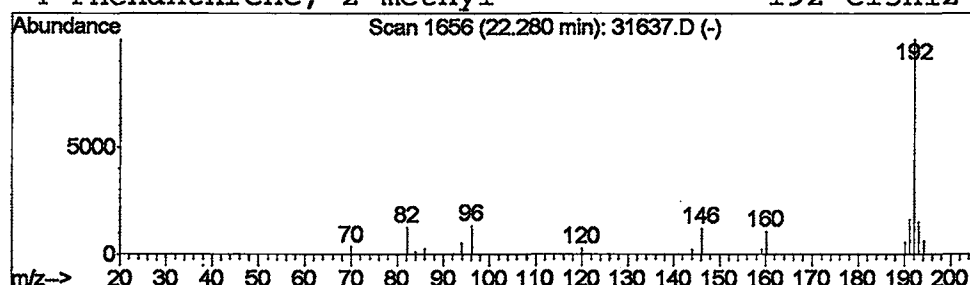
Title : 508 scan method

Library : C:\DATABASE\WILEY7N.L

Peak Number 7 N-perdeuteriobenzylideneani... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.14 ug/L	81654	Phenanthrene-d10	22.65

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	64
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	53
3		Phenanthrene, 9-methyl- \$\$ 9-Met...	192	C15H12	000883-20-5	53
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	53



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN17\31637.D

Acq On : 17 Jan 2002 12:42 pm

Sample : 508 scan

Misc : January 17, 2002

MS Integration Params: LSCINT.P

Vial: 4

Operator:

Inst : Instrumen

Multiplr: 1.00

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

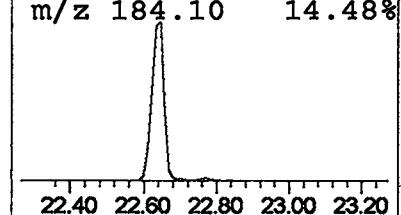
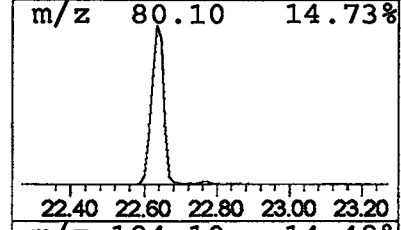
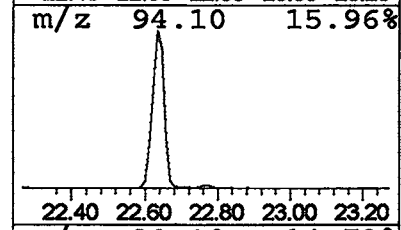
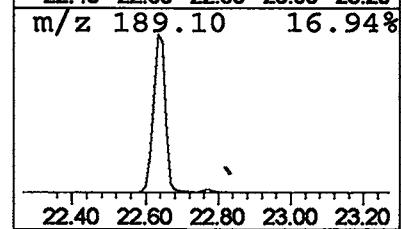
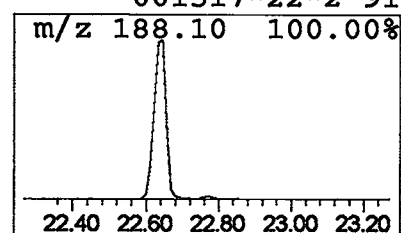
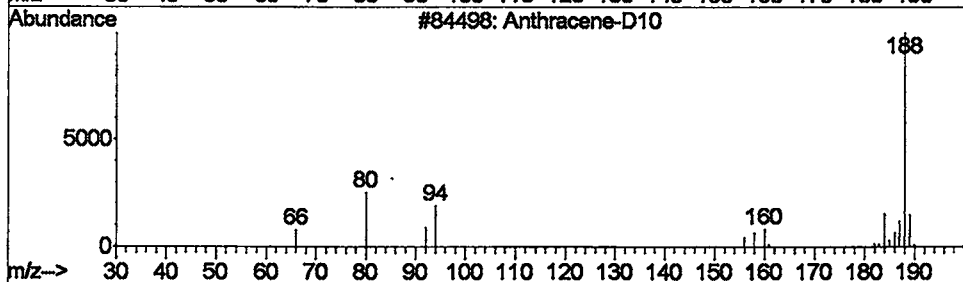
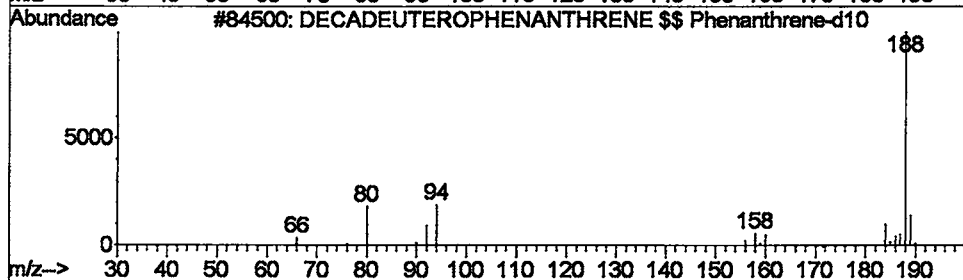
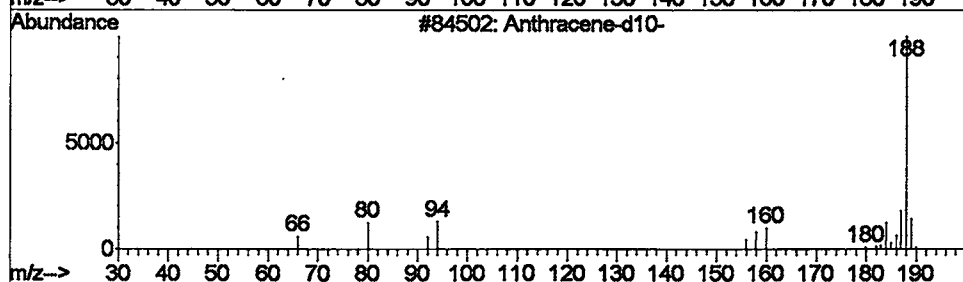
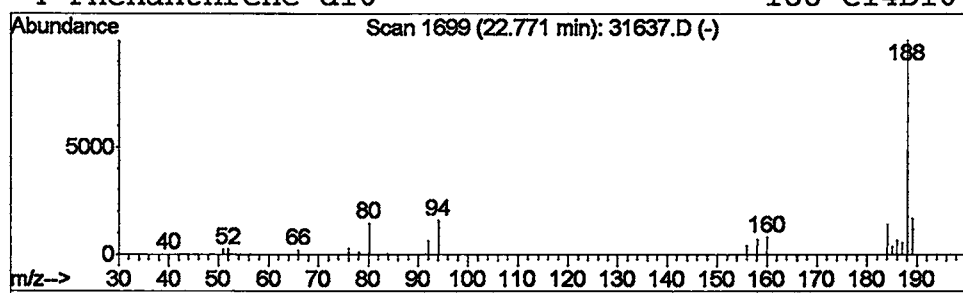
Title : 508 scan method

Library : C:\DATABASE\WILEY7N.L

Peak Number 8 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.23 ug/L	135752	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	91
2	DECADEUTEROPHENANTHRENE \$\$ Phena...	188	C14D10	001517-22-2	91
3	Anthracene-D10	188	C14D10	000000-00-0	91
4	Phenanthrene-d10	188	C14D10	001517-22-2	91



tentatively identified compound (LSC) summary

Operator ID: Date Acquired: 17 Jan 2002 12:42 pm
Data File: C:\MSDCHEM\1\5973N\02JAN17\31637.D
Name: 508 scan
Misc: January 17, 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	--Internal Standard--			
					#	RT	Resp	Conc
Acetonitrile, dic...	3.48	0.1	ug/L	47823	1	9.71	6473010	20.0
Ethyl 2-hydroxy...	4.24	0.1	ug/L	38262	1	9.71	6473010	20.0
1,3,5-Cycloheptat...	4.37	0.1	ug/L	32854	1	9.71	6473010	20.0
2-Buten-1-ol, 3-m...	4.62	0.2	ug/L	53303	1	9.71	6473010	20.0
2-Butenal, 3-meth...	4.84	0.2	ug/L	66044	1	9.71	6473010	20.0
Silane tetramethyl-	5.89	5.1	ug/L	1648280	1	9.71	6473010	20.0
N-perdeuteriobenz...	22.28	0.1	ug/L	81654	4	22.65	11652700	20.0
Anthracene-d10-	22.77	0.2	ug/L	135752	4	22.65	11652700	20.0