

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/25/2002 Time: 17:19:14

Sample: AE00839
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/25/02 17:18 Ended: 1/25/02 17:18 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		71		5.0

Comments for Sample AE00839 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 01-25-2002 Time: 17:19:18

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\00839.D

Vial: 8

Acq On : 23 Jan 2002 8:44 pm

Operator:

Sample : 508 scan

Inst : Instrumen

Misc : January 22, 2002

Multiplr: 1.00

MS Integration Params: SPLIT.P

Quant Time: Jan 24 09:46:42 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	1176531	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	4960928	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	2568824	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.63	188	4235594	20.00	ug/L	-0.03
38) Chrysene-d12	30.50	240	3778973	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	2763632	20.00	ug/L	0.00

System Monitoring Compounds

37) 2,4-DDD	27.73	235	238677	3.56	ug/L	0.00
Spiked Amount	5.000		Recovery	=	71.20%	

Target Compounds

						Qvalue
20) Dimethylphthalate	18.34	163	407056	2.40	ug/L	# 56
21) 2,6-Dinitrotoluene	18.34	165	325447	9.84	ug/L	# 17
42) Bis(2-ethylhexyl)phthalate	31.11	149	6044	0.58	ug/L	# 44

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

00839.D SCAN508.M

Thu Jan 24 09:46:43 2002

Page 1

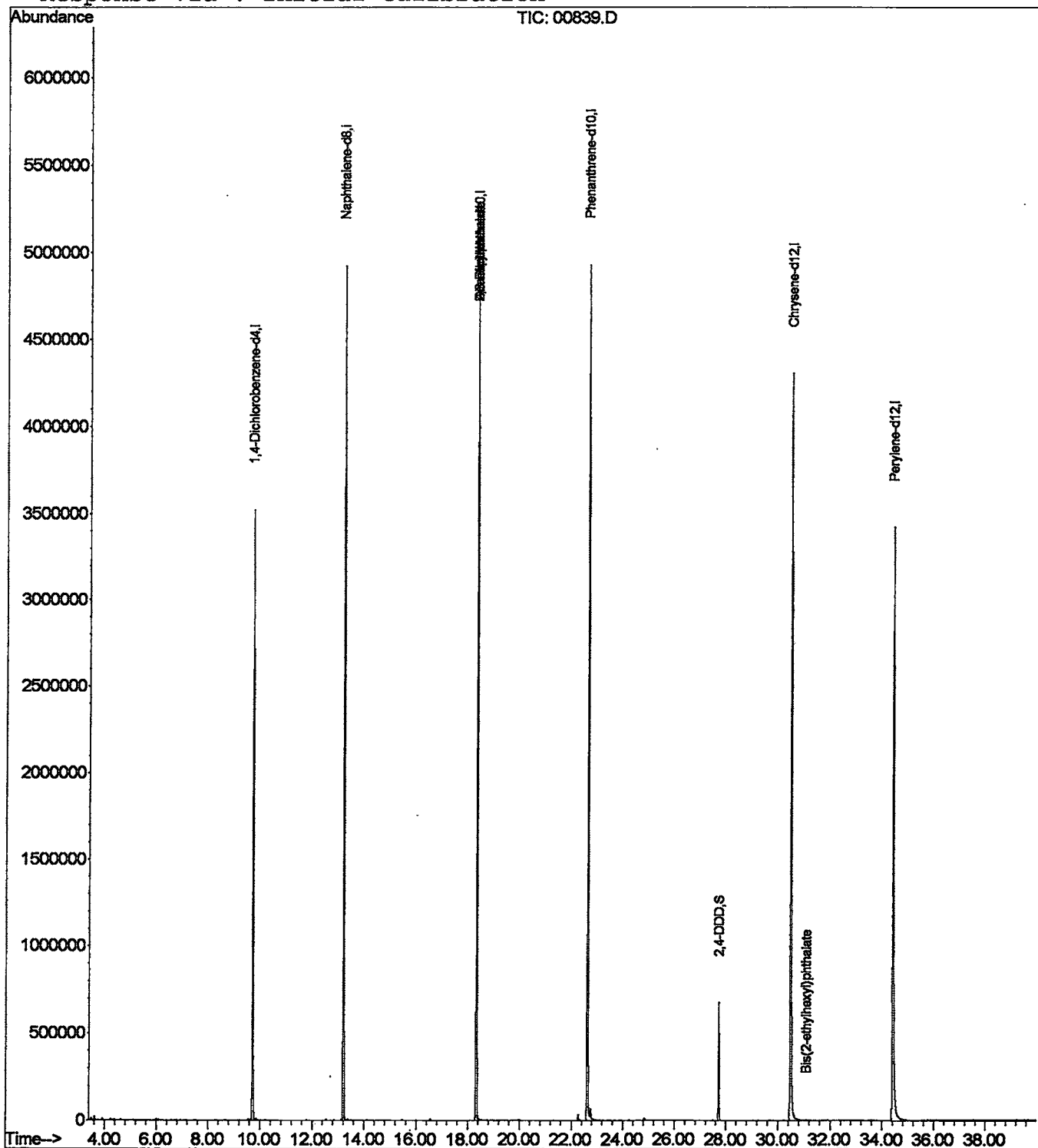
Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN23\00839.D
 Acq On : 23 Jan 2002 8:44 pm
 Sample : 508 scan
 Misc : January 22, 2002
 MS Integration Params: SPLIT.P
 Quant Time: Jan 24 9:46 2002

Vial: 8
 Operator:
 Inst : Instrumen
 Multiplr: 1.00

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\00839.D Vial: 8
 Acq On : 23 Jan 2002 8:44 pm Operator:
 Sample : 508 scan Inst : Instrumen
 Misc : January 22, 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

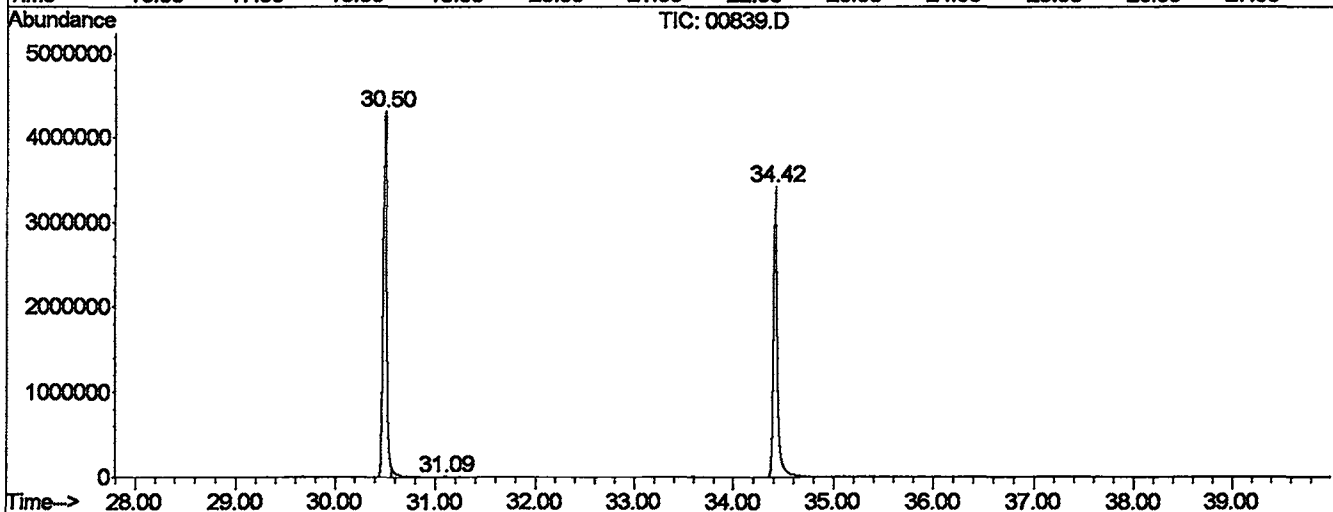
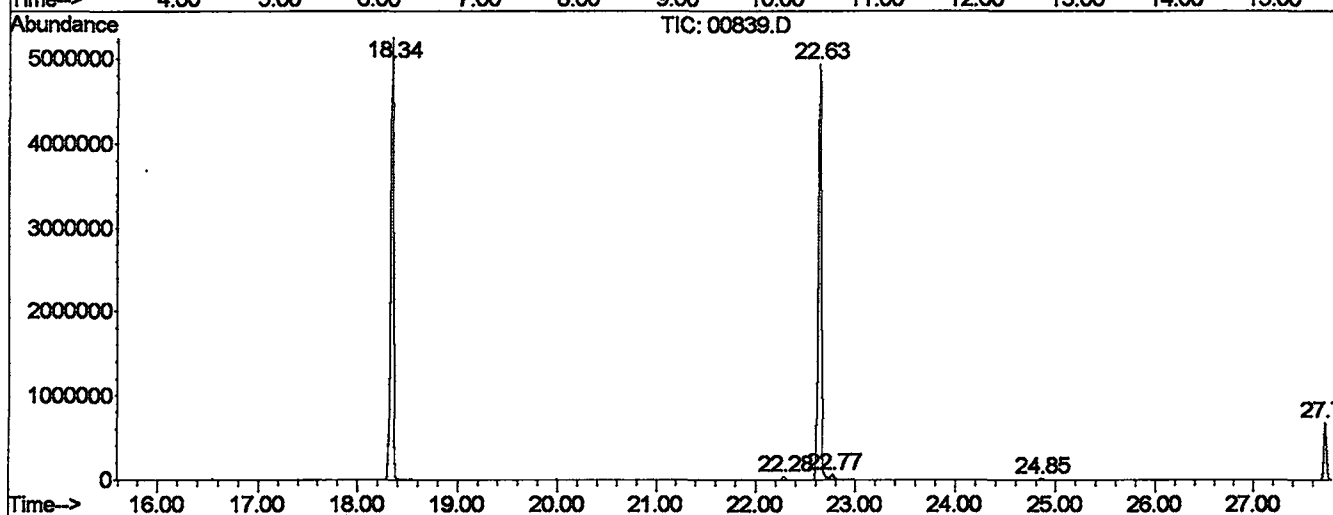
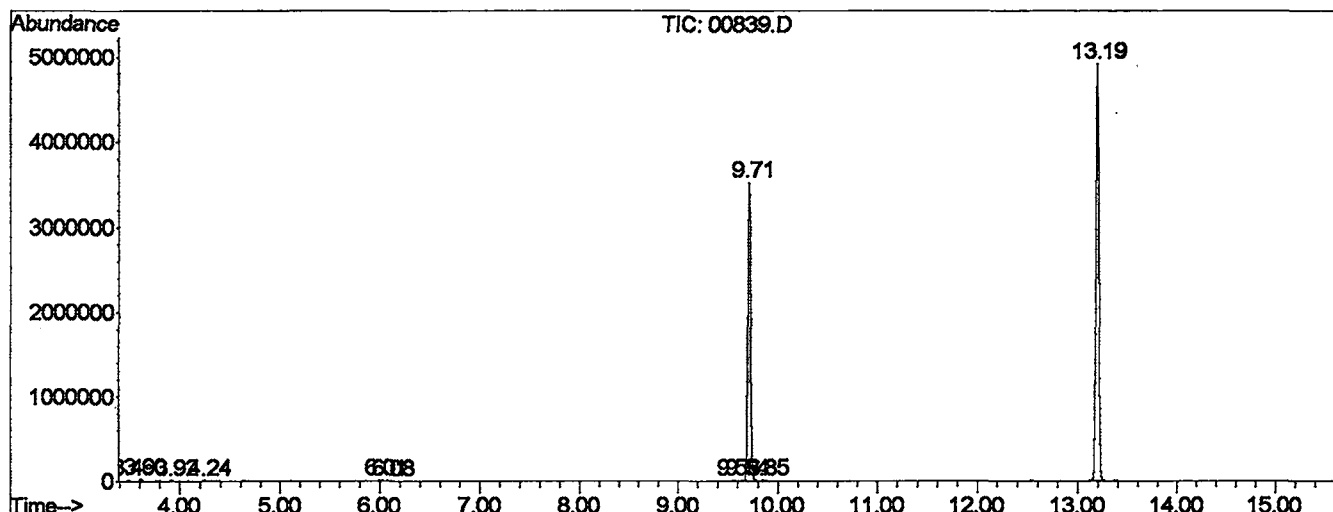
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.488	5	10	15	rVB	16254	25523	0.23%	0.043%
2	3.602	19	20	25	rVB	23102	39120	0.35%	0.065%
3	3.922	45	48	53	rBV	10251	17159	0.15%	0.029%
4	4.241	71	76	85	rVB4	10207	28340	0.25%	0.047%
5	6.011	227	231	235	rBV	10292	16358	0.15%	0.027%
6	6.079	235	237	247	rVB2	6093	21772	0.19%	0.036%
7	9.562	539	542	547	rBV3	8566	21293	0.19%	0.036%
8	9.642	547	549	551	rVV	9538	17457	0.16%	0.029%
9	9.710	551	555	561	rVV	3521608	6746973	60.34%	11.283%
10	9.847	561	567	581	rVB	12433	43149	0.39%	0.072%
11	13.192	855	860	865	rBV	4922463	9585457	85.73%	16.030%
12	18.341	1305	1311	1315	rBV	5243905	10452860	93.48%	17.480%
13	22.280	1653	1656	1661	rVV2	40748	74081	0.66%	0.124%
14	22.634	1681	1687	1693	rBV2	4929823	11181617	100.00%	18.699%
15	22.771	1695	1699	1705	rVB	60625	154548	1.38%	0.258%
16	24.849	1877	1881	1885	rVB	14464	26085	0.23%	0.044%
17	27.726	2127	2133	2139	rBV	675442	1174903	10.51%	1.965%
18	30.500	2369	2376	2381	rBV	4304492	10798754	96.58%	18.059%
19	31.094	2421	2428	2435	rVB3	5976	22081	0.20%	0.037%
20	34.416	2713	2719	2747	rBV	3420231	9350637	83.63%	15.637%

Sum of corrected areas: 59798167

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN23\00839.D
 Operator :
 Acquired : 23 Jan 2002 8:44 pm using AcqMethod SCAN508
 Instrument : Instrumen
 Sample Name: 508 scan
 Misc Info : January 22, 2002
 Vial Number: 8
 Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN23\00839.D
Acq On : 23 Jan 2002 8:44 pm
Sample : 508 scan
Misc : January 22, 2002
MS Integration Params: LSCINT.P

Vial: 8
Operator:
Inst : Instrumen
Multiplr: 1.00

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

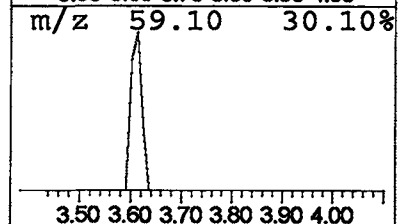
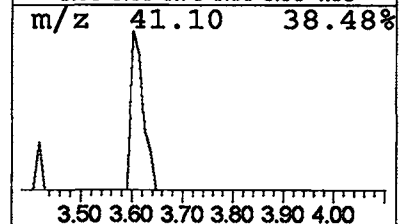
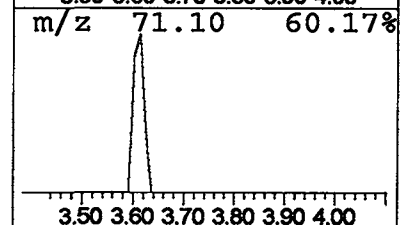
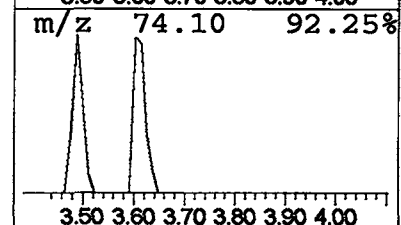
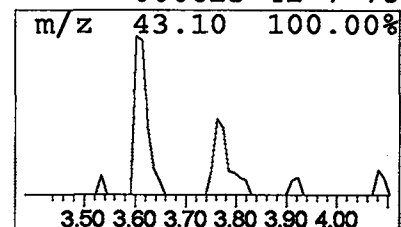
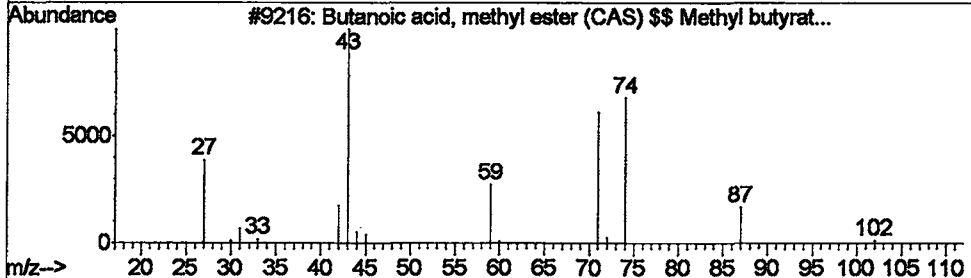
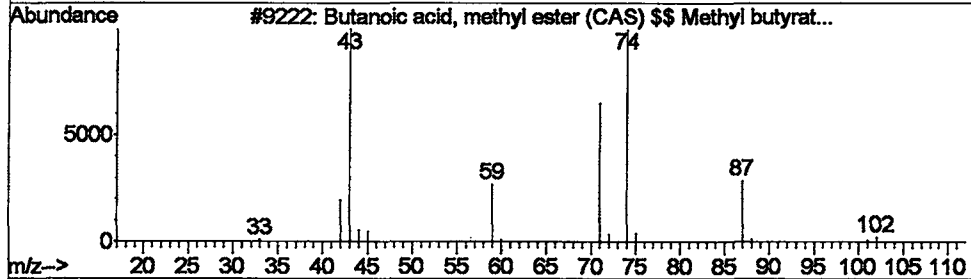
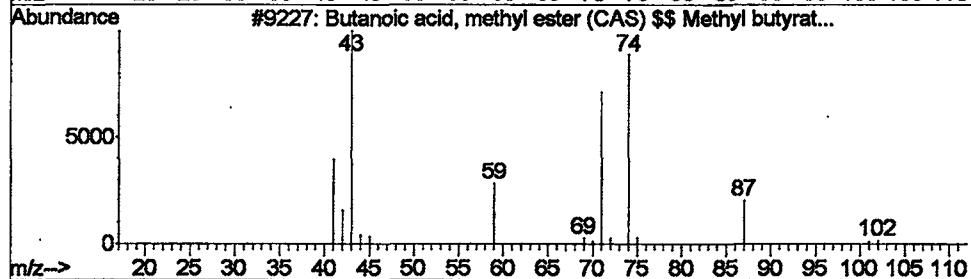
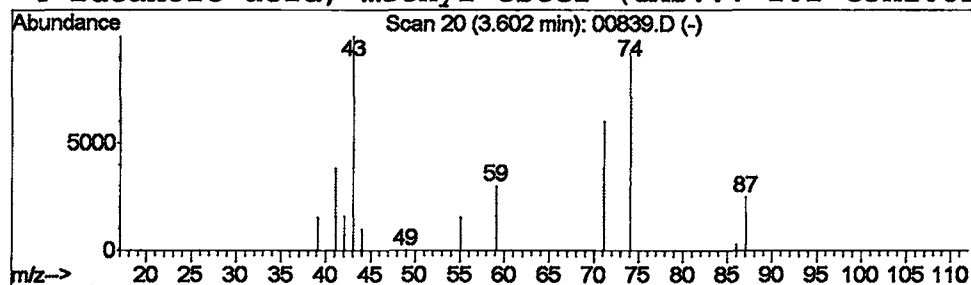
Title : 508 scan method

Library : C:\DATABASE\WILEY7N.L

Peak Number 1 Butanoic acid, methyl ester... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	0.12 ug/L	39120	1,4-Dichlorobenzene-d4	9.71

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	78
4		Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	78



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN23\00839.D
Acq On : 23 Jan 2002 8:44 pm
Sample : 508 scan
Misc : January 22, 2002
MS Integration Params: LSCINT.P

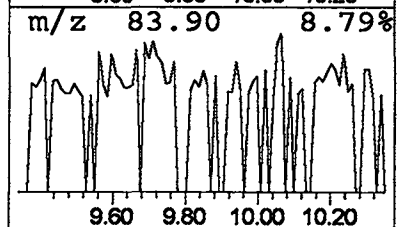
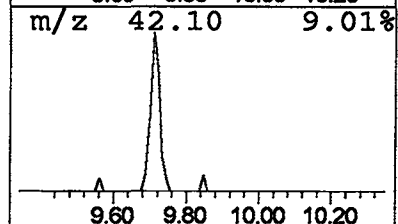
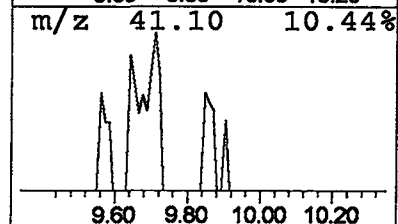
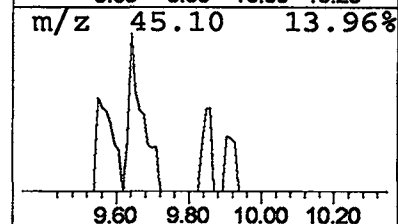
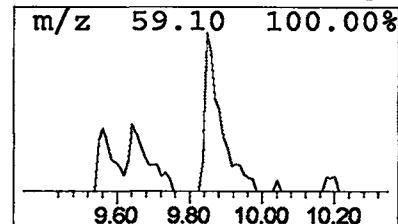
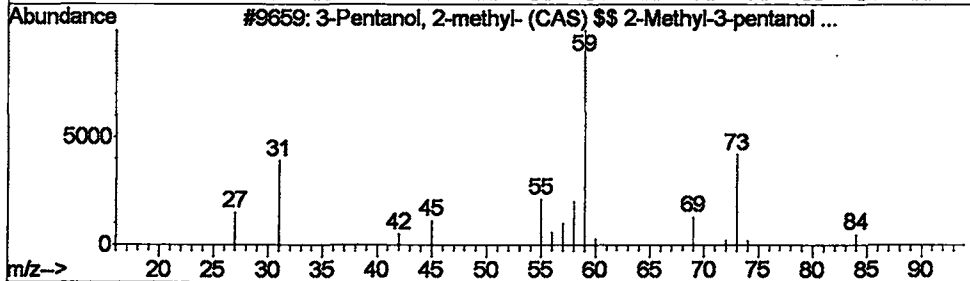
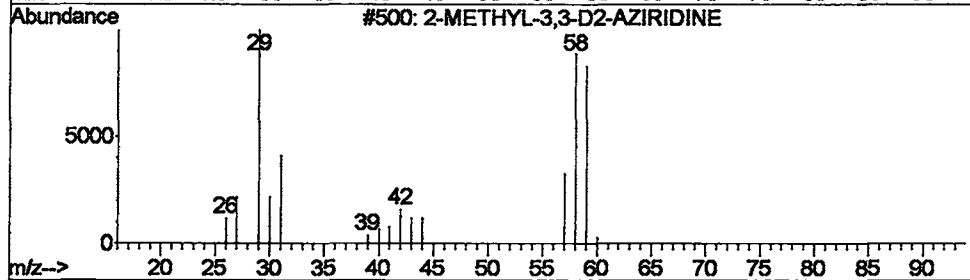
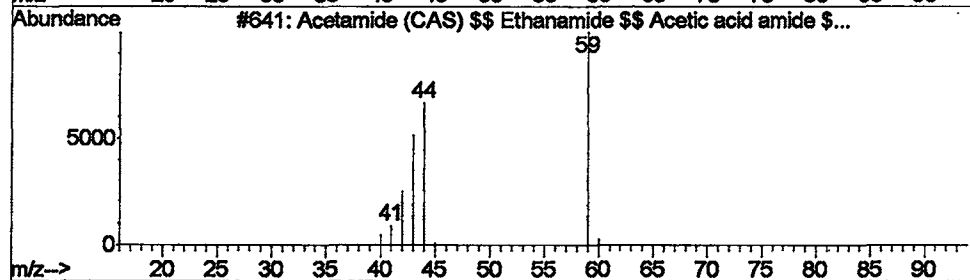
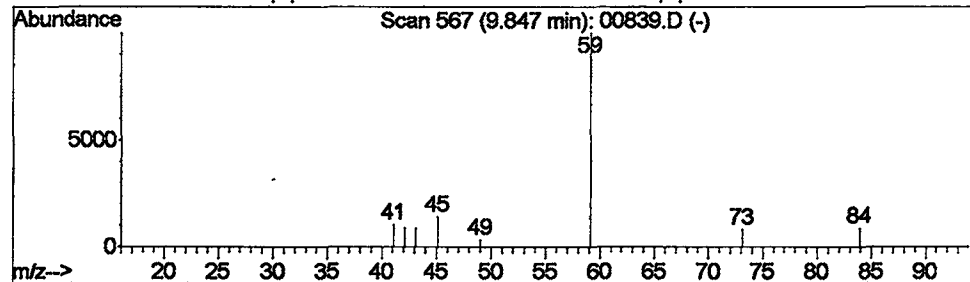
Vial: 8
Operator:
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 2 Acetamide (CAS) \$\$ Ethanami... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	0.13 ug/L	43149	1,4-Dichlorobenzene-d4	9.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetamide (CAS) \$\$ Ethanamide \$\$...	59	C2H5NO	000060-35-5	4
2			2-METHYL-3,3-D2-AZIRIDINE	59	C3H5D2N	030691-55-5	4
3			3-Pentanol, 2-methyl- (CAS) \$\$ 2...	102	C6H14O	000565-67-3	4
4			Guanidine \$\$ Aminoformamidine \$\$...	59	CH5N3	000113-00-8	3



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN23\00839.D

Acq On : 23 Jan 2002 8:44 pm

Sample : 508 scan

Misc : January 22, 2002

MS Integration Params: LSCINT.P

Vial: 8

Operator:

Inst : Instrumen

Multiplr: 1.00

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

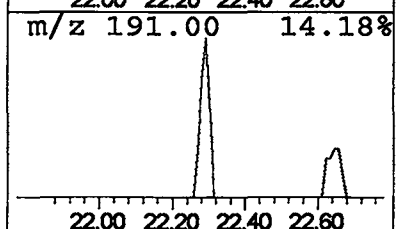
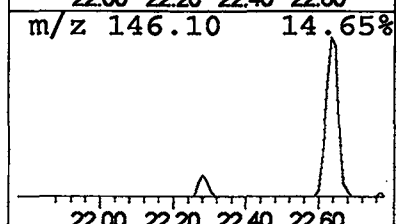
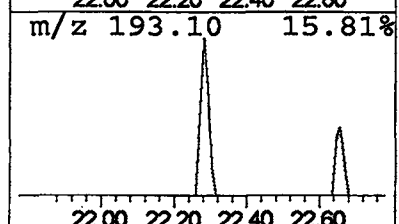
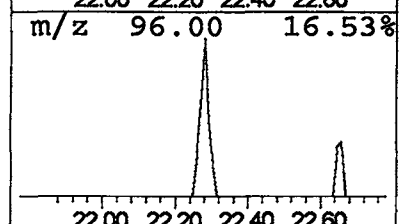
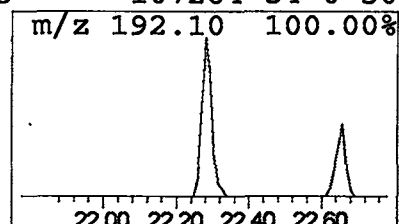
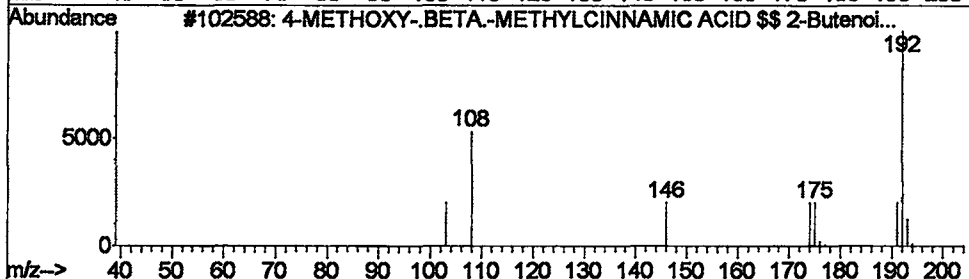
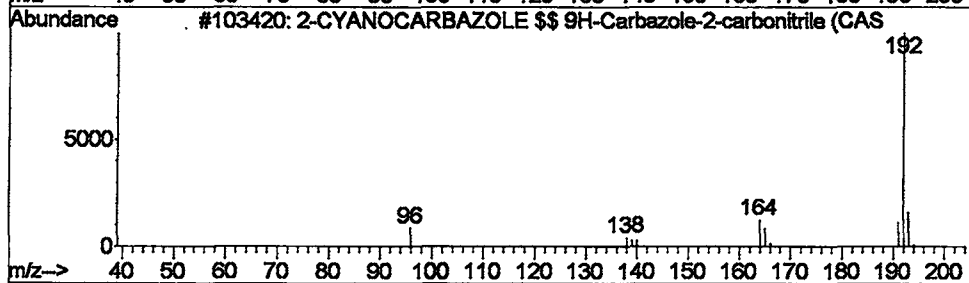
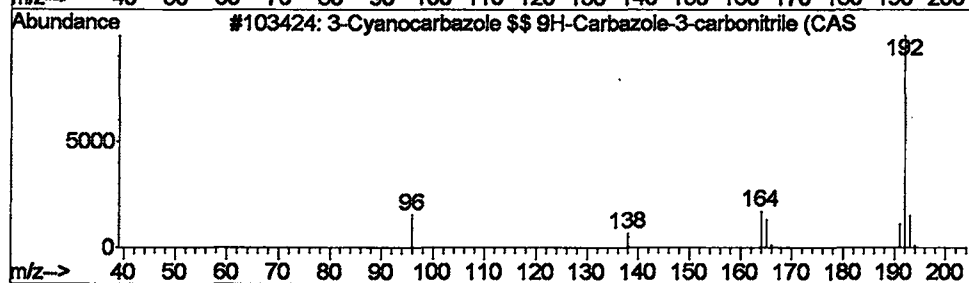
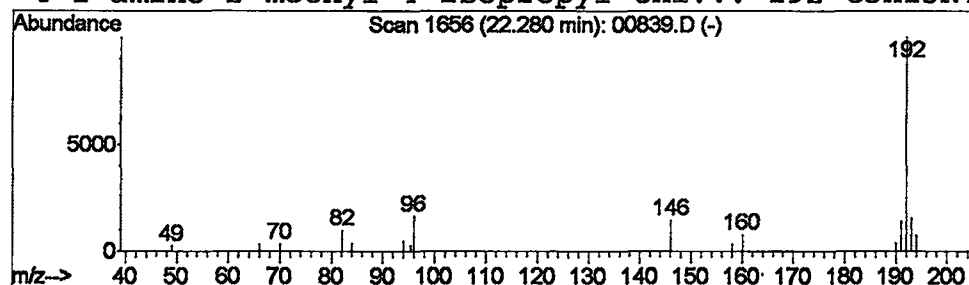
Title : 508 scan method

Library : C:\DATABASE\WILEY7N.L

Peak Number 3 3-Cyanocarbazole \$\$ 9H-Carb... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.13 ug/L	74081	Phenanthrene-d10	22.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Cyanocarbazole \$\$ 9H-Carbazole...	192	C13H8N2	057102-93-9	72
2			2-CYANOCARBAZOLE \$\$ 9H-Carbazole...	192	C13H8N2	057955-18-7	72
3			4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	72
4			1-amino-2-methyl-4-isopropyl-thi...	192	C5H13N4PS	107264-54-0	50



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN23\00839.D
 Acq On : 23 Jan 2002 8:44 pm
 Sample : 508 scan
 Misc : January 22, 2002
 MS Integration Params: LSCINT.P

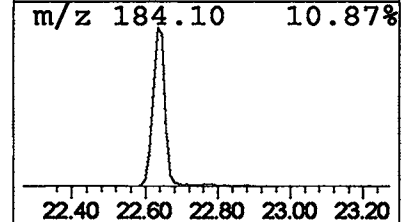
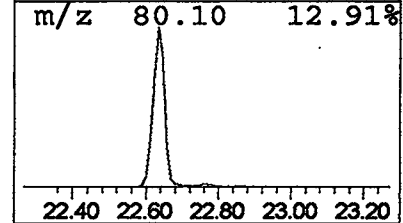
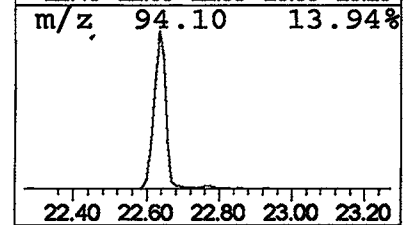
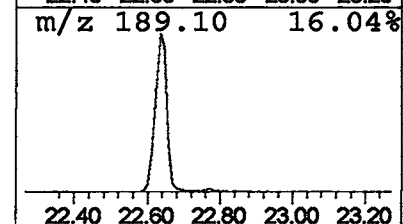
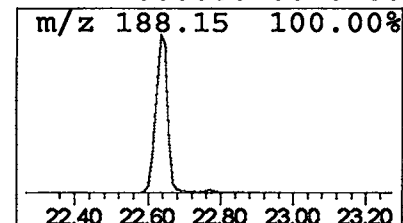
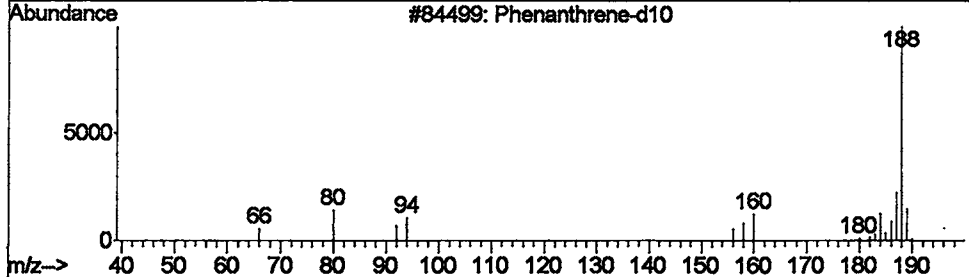
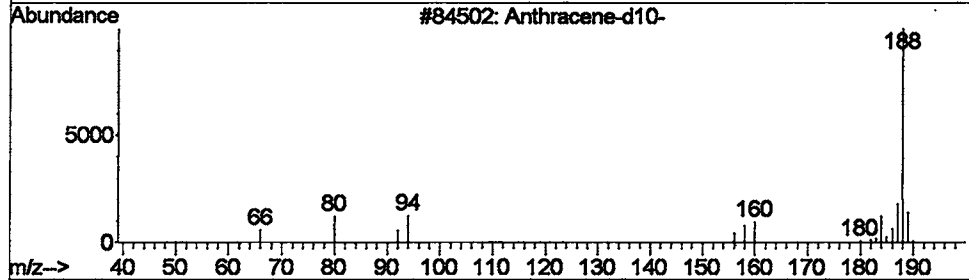
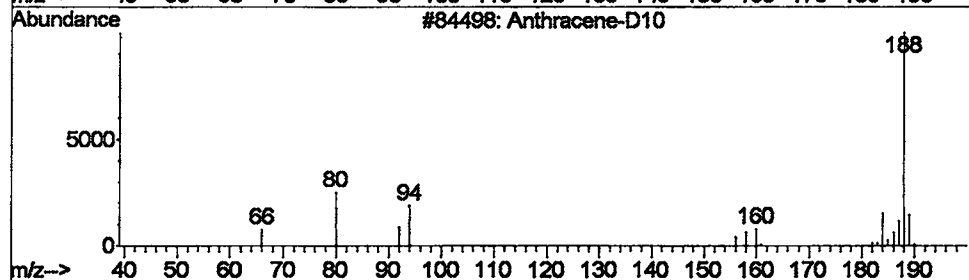
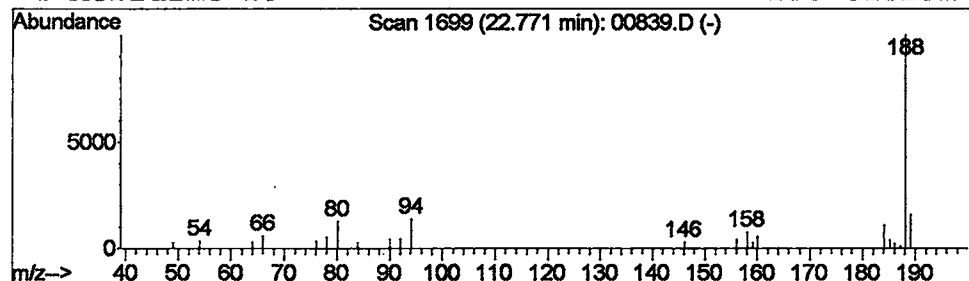
Vial: 8
 Operator:
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 4 Anthracene-D10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.28 ug/L	154548	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-D10	188	C14D10	000000-00-0	91
2	Anthracene-d10-	188	C14D10	001719-06-8	91
3	Phenanthrene-d10	188	C14D10	001517-22-2	91
4	Acridine-D9	188	C13D9N	000000-00-0	80



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Jan 2002 8:44 pm
Data File: C:\MSDCHEM\1\5973N\02JAN23\00839.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	39120	1	9.71	6746970	20.0
Acetamide (CAS) \$...	9.85	0.1	ug/L	43149	1	9.71	6746970	20.0
3-Cyanocarbazole ...	22.28	0.1	ug/L	74081	4	22.63	11181600	20.0
Anthracene-D10	22.77	0.3	ug/L	154548	4	22.63	11181600	20.0