

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 01/25/2002 Time: 17:15:14

Sample: AE00698
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 1/25/02 17:14 Ended: 1/25/02 17:14 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		80		5.0

Comments for Sample AE00698 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 01-25-2002 Time: 17:16:21

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\00698.D Vial: 6
Acq On : 23 Jan 2002 7:05 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 22, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 24 09:46:39 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	1240949	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	5244228	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	2721108	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	4519081	20.00	ug/L	-0.02
38) Chrysene-d12	30.49	240	3855271	20.00	ug/L	-0.02
44) Perylene-d12	34.42	264	2806708	20.00	ug/L	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev (Min)
37) 2,4-DDD		27.73	235	283955	3.98	ug/L	0.00
Spiked Amount	5.000			Recovery	=	79.60%	

Target Compounds		R.T.	QIon	Response	Conc	Units	Qvalue
20) Dimethylphthalate		18.34	163	434877	2.42	ug/L #	56
21) 2,6-Dinitrotoluene		18.34	165	346378	9.88	ug/L #	17
42) Bis(2-ethylhexyl)phthalate		31.09	149	8944	0.60	ug/L	84

(#) = qualifier out of range (m) = manual integration
00698.D SCAN508.M Thu Jan 24 09:46:40 2002

Quantitation Report

(Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN23\00698.D

Vial: 6

Acq On : 23 Jan 2002 7:05 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

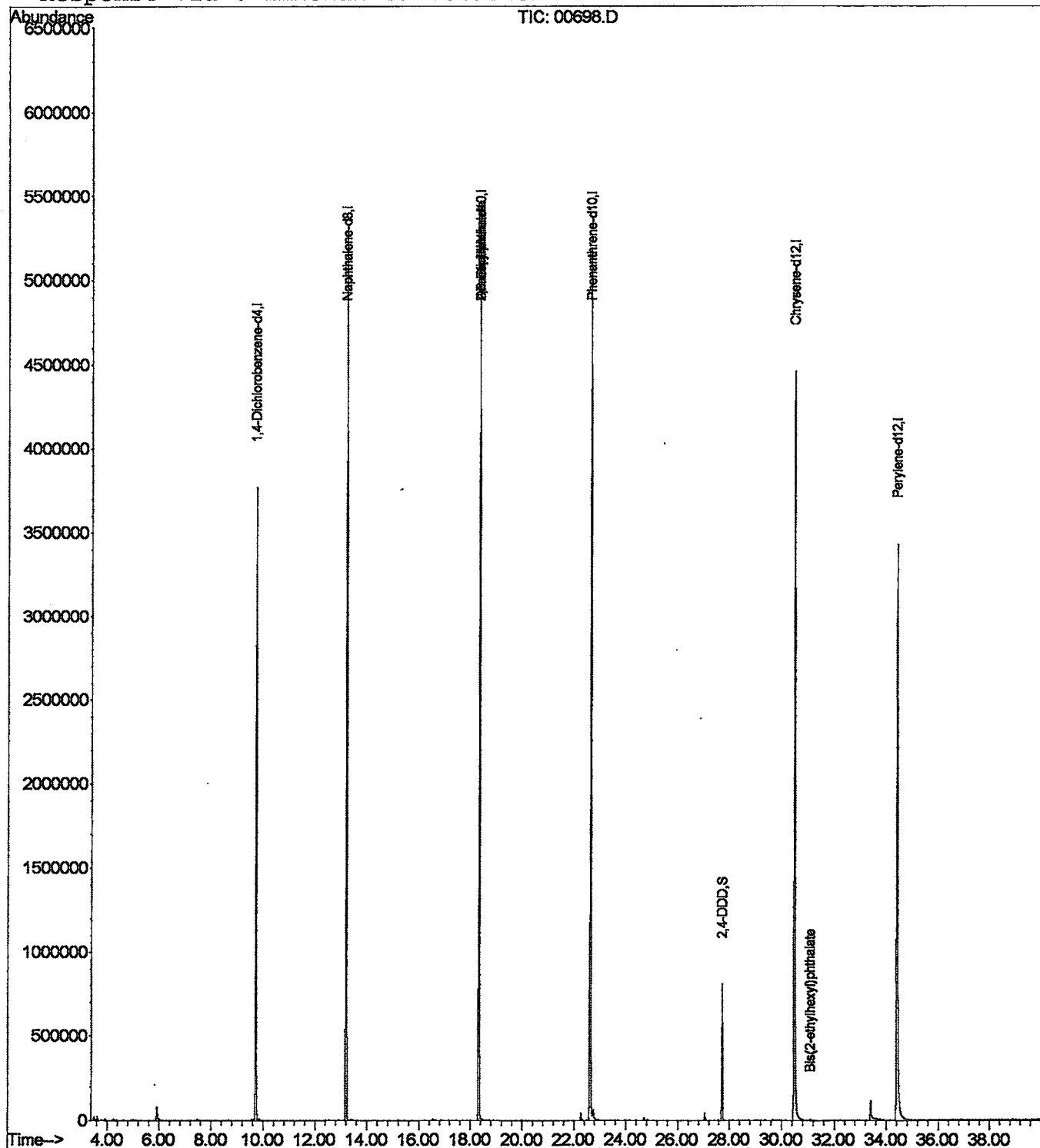
Quant Results File: SCAN508.RE

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\00698.D Vial: 6
 Acq On : 23 Jan 2002 7:05 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

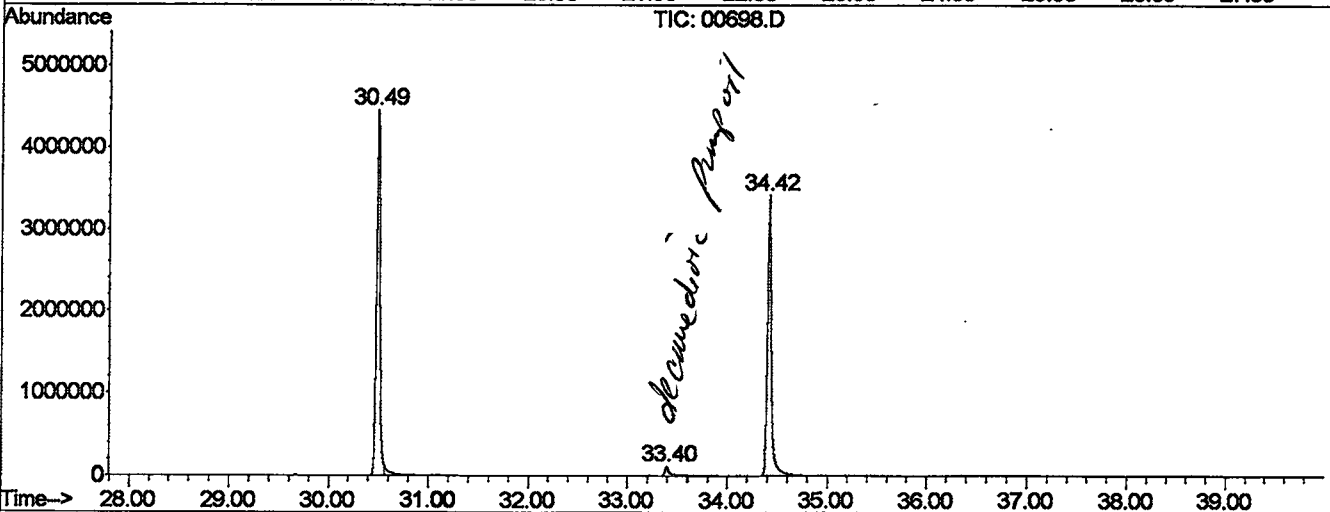
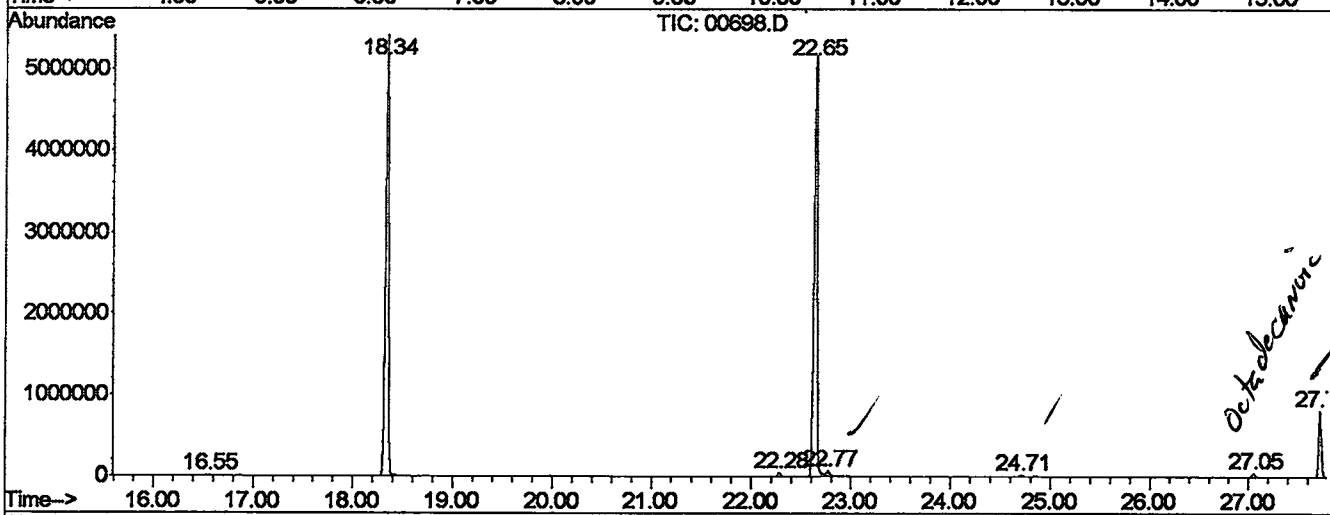
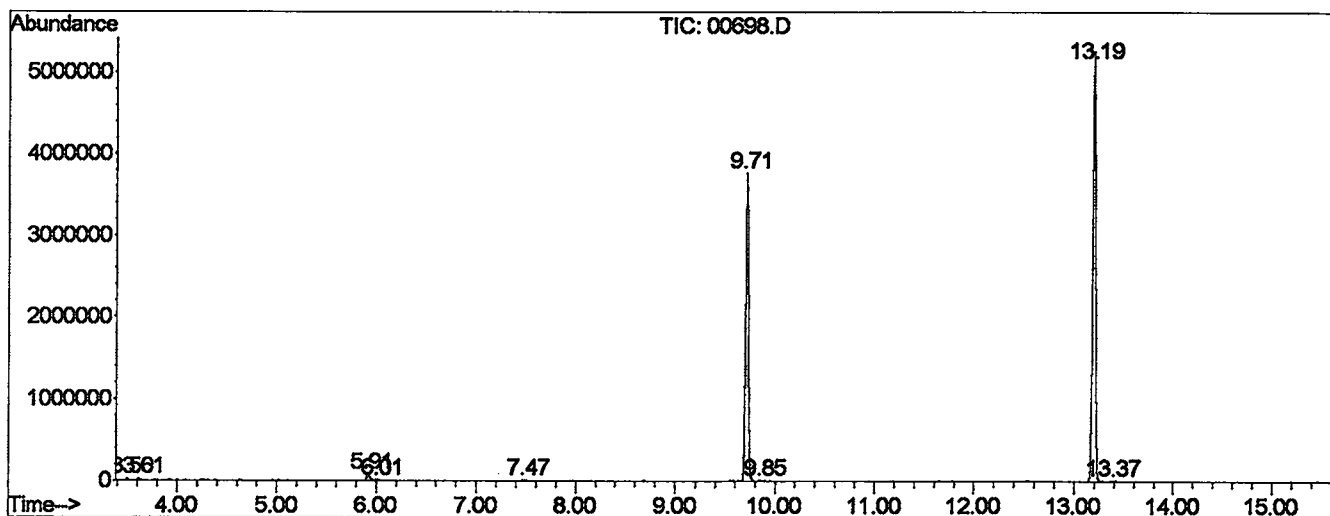
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.499	9	11	15	rVB	22765	31616	0.26%	0.050%
2	3.614	19	21	25	rBV	26862	38881	0.32%	0.061%
3	5.908	219	222	229	rBV	81191	191068	1.59%	0.301%
4	6.011	229	231	239	rVB	12915	24160	0.20%	0.038%
5	7.472	357	359	363	rBV	8080	21623	0.18%	0.034%
6	9.710	551	555	561	rVV	3768230	7134183	59.55%	11.246%
7	9.847	561	567	579	rVB	13291	42219	0.35%	0.067%
8	13.192	855	860	865	rBV	5253683	10118451	84.46%	15.950%
9	13.375	873	876	883	rBV2	8667	23550	0.20%	0.037%
10	16.549	1149	1154	1159	rVB2	10611	19494	0.16%	0.031%
11	18.341	1305	1311	1315	rBV	5419263	11085256	92.53%	17.474%
12	22.280	1651	1656	1661	rBV2	45254	83979	0.70%	0.132%
13	22.645	1681	1688	1693	rBV2	5175504	11980597	100.00%	18.886%
14	22.771	1695	1699	1711	rVB	61847	175526	1.47%	0.277%
15	24.712	1865	1869	1875	rBV	18836	32541	0.27%	0.051%
16	27.052	2069	2074	2083	rVB	45732	84535	0.71%	0.133%
17	27.726	2129	2133	2137	rBV	808397	1413635	11.80%	2.228%
18	30.489	2369	2375	2381	rBV2	4459389	11041172	92.16%	17.405%
19	33.400	2625	2630	2663	rBV	116749	458777	3.83%	0.723%
20	34.416	2713	2719	2743	rBV	3425443	9435516	78.76%	14.874%

Sum of corrected areas: 63436779

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN23\00698.D
 Operator :
 Acquired : 23 Jan 2002 7:05 pm using AcqMethod SCAN508
 Instrument : Instrumen
 Sample Name: 508 scan
 Misc Info : January 22, 2002
 Vial Number: 6
 Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN23\00698.D
 Acq On : 23 Jan 2002 7:05 pm
 Sample : 508 scan
 Misc : January 22, 2002
 MS Integration Params: LSCINT.P

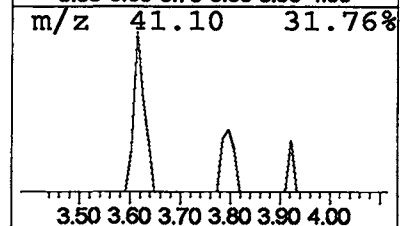
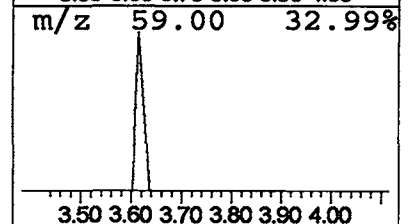
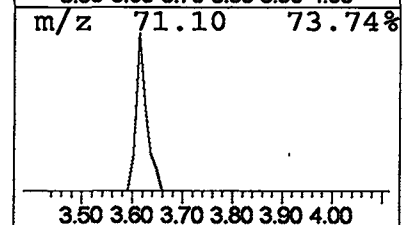
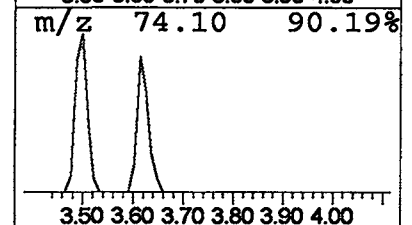
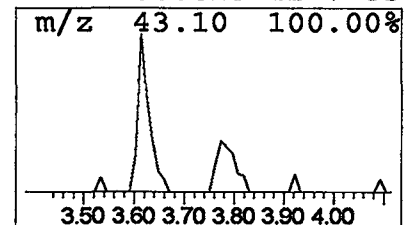
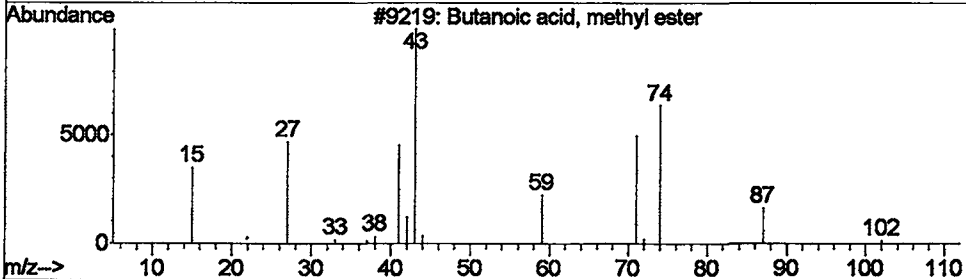
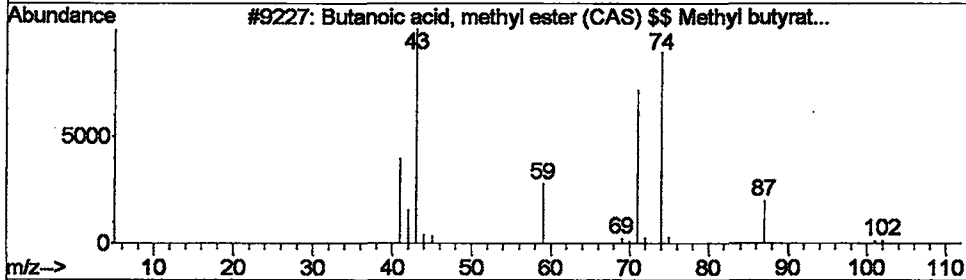
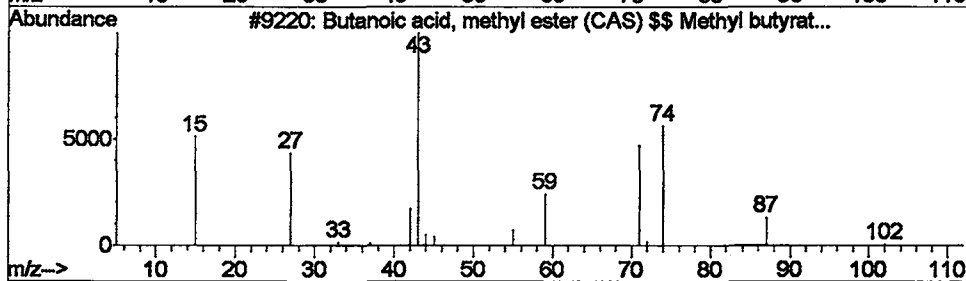
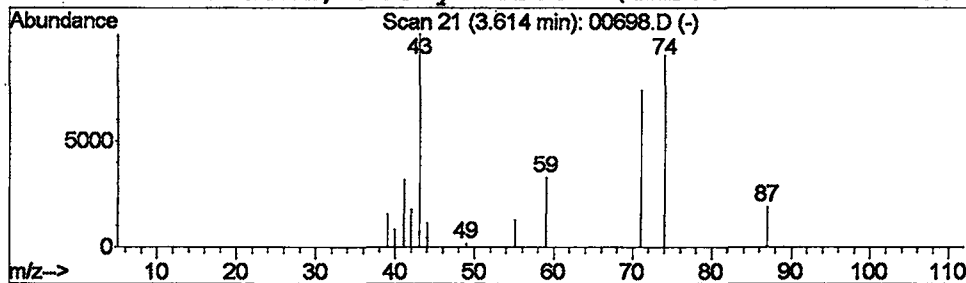
Vial: 6
 Operator:
 Inst : Instrumen
 Multiplr: 1.00

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 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	0.11 ug/L	38881	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	102	C5H10O2	000623-42-7	83
4			Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83



Library Search Compound Report

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Acq On : 23 Jan 2002 7:05 pm
Sample : 508 scan
Misc : January 22, 2002
MS Integration Params: LSCINT.P

Vial: 6
Operator:
Inst : Instrumen
Multiplr: 1.00

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

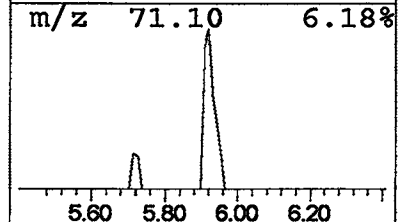
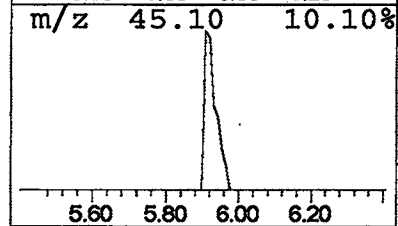
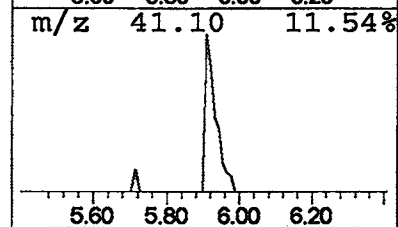
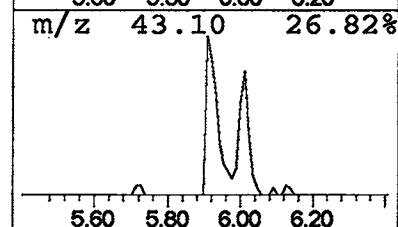
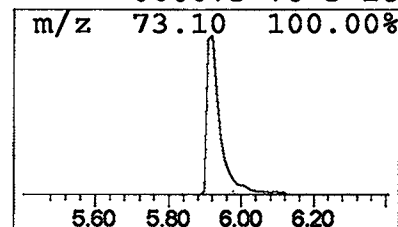
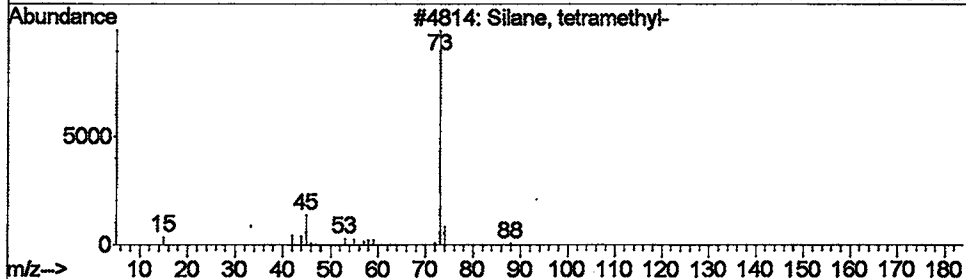
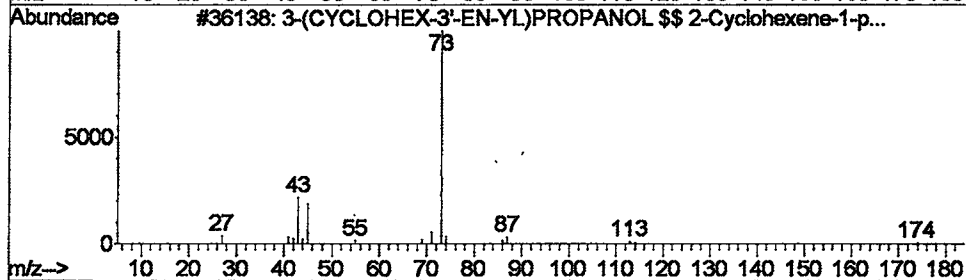
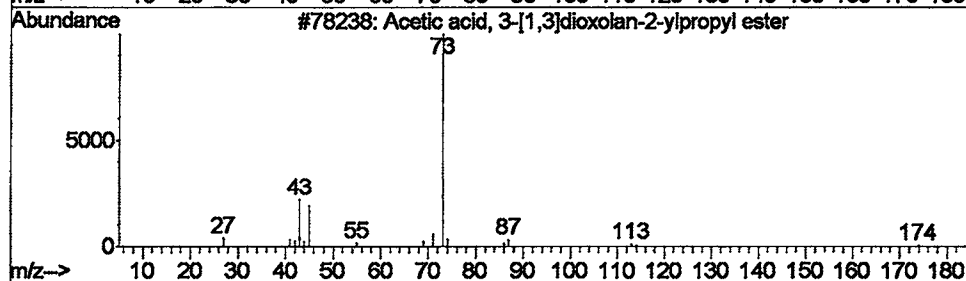
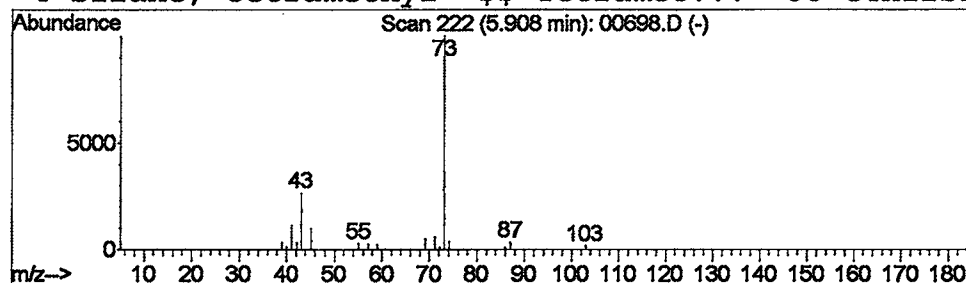
Title : 508 scan method

Library : C:\DATABASE\WILEY7N.L

Peak Number 2 Acetic acid, 3-[1,3]dioxola... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.91	0.54 ug/L	191068	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	33
2	3-(CYCLOHEX-3'-EN-YL)PROPANOL \$\$...	174	C8H14O4	015745-87-6	33
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	28
4	Silane, tetramethyl- \$\$ Tetramet...	88	C4H12Si	000075-76-3	28



Library Search Compound Report

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Acq On : 23 Jan 2002 7:05 pm.
Sample : 508 scan
Misc : January 22, 2002
MS Integration Params: LSCINT.P

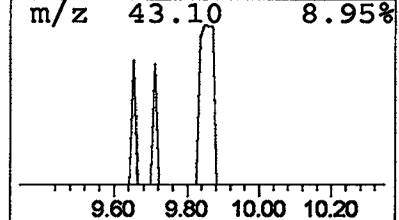
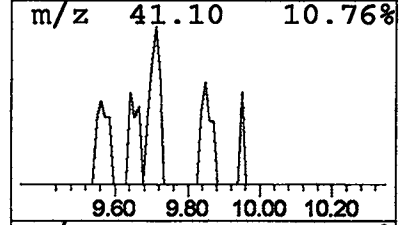
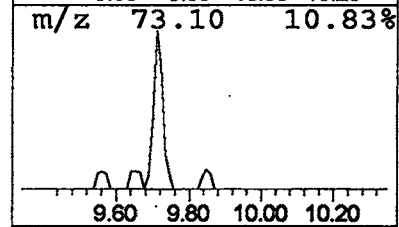
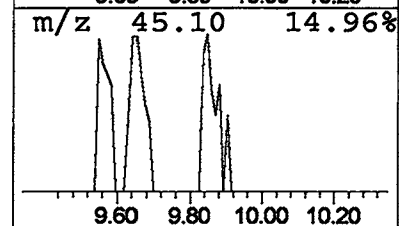
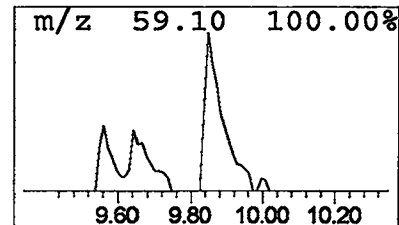
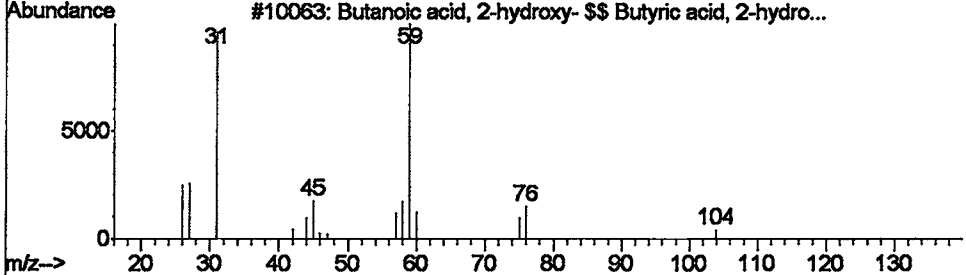
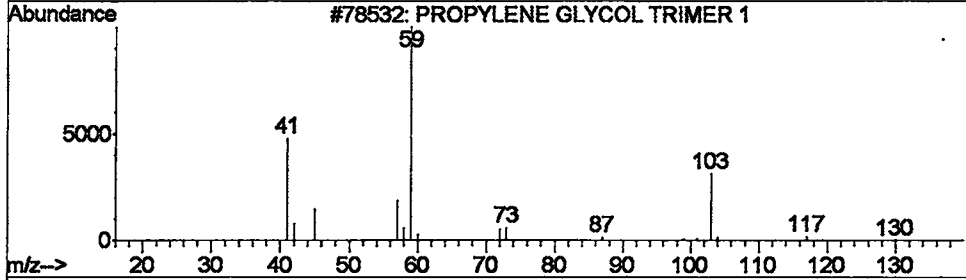
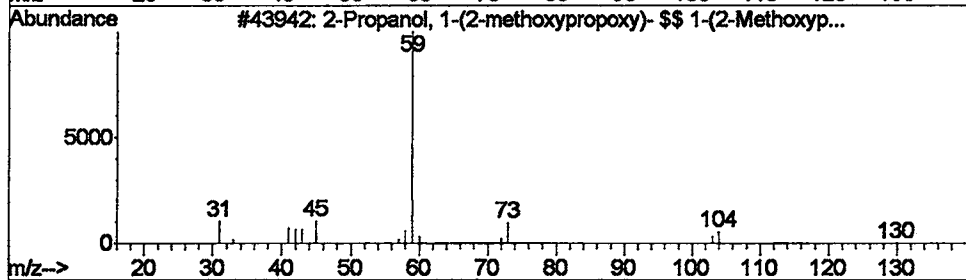
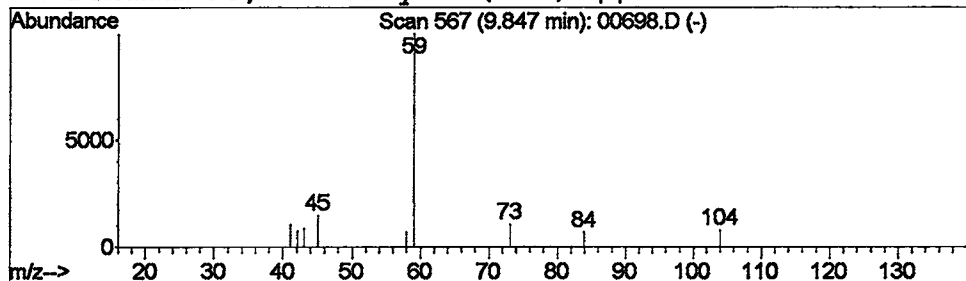
Vial: 6
Operator:
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 3 2-Propanol, 1-(2-methoxypro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	0.12 ug/L	42219	1,4-Dichlorobenzene-d4	9.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanol, 1-(2-methoxypropoxy)...	148	C7H16O3	013429-07-7	83
2			PROPYLENE GLYCOL TRIMER 1	174	C9H18O3	000000-00-0	9
3			Butanoic acid, 2-hydroxy- \$\$ But...	104	C4H8O3	000565-70-8	5
4			Formamide, N-methyl- (CAS) \$\$ N...	59	C2H5NO	000123-39-7	4



Library Search Compound Report

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MS Integration Params: LSCINT.P

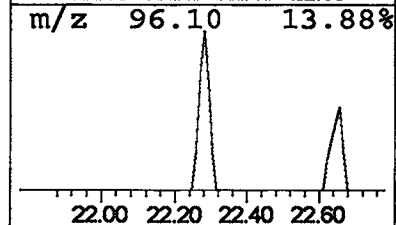
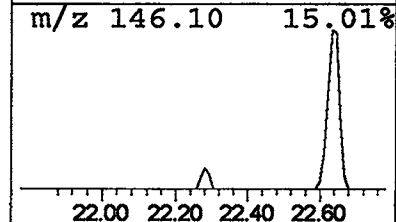
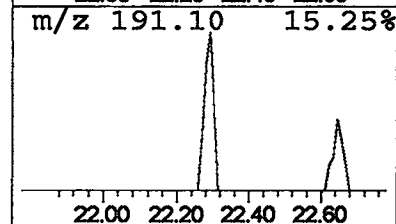
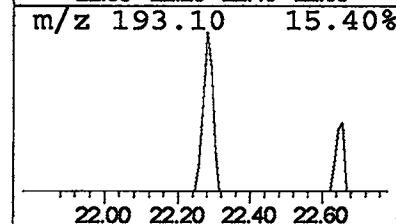
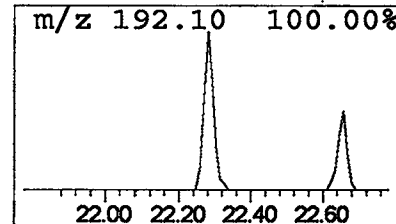
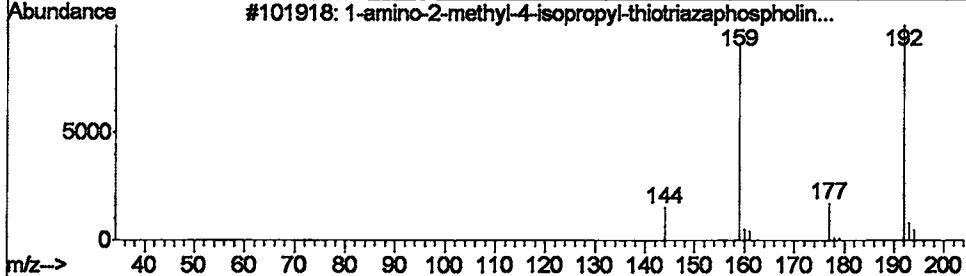
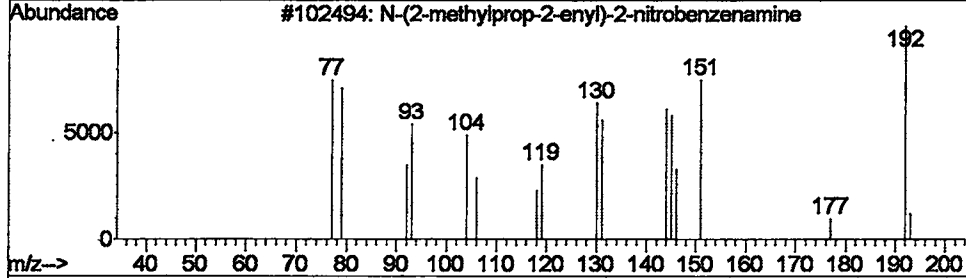
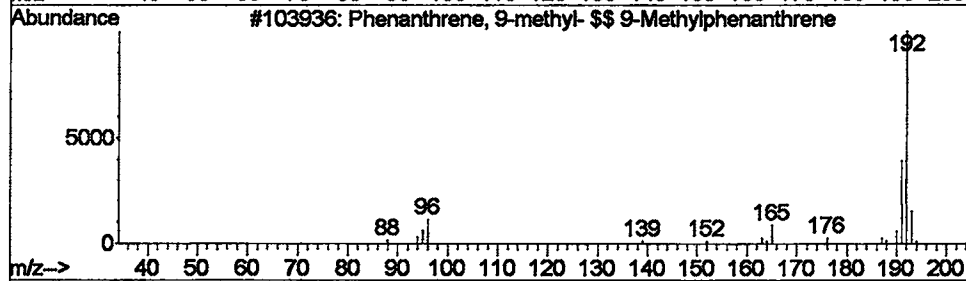
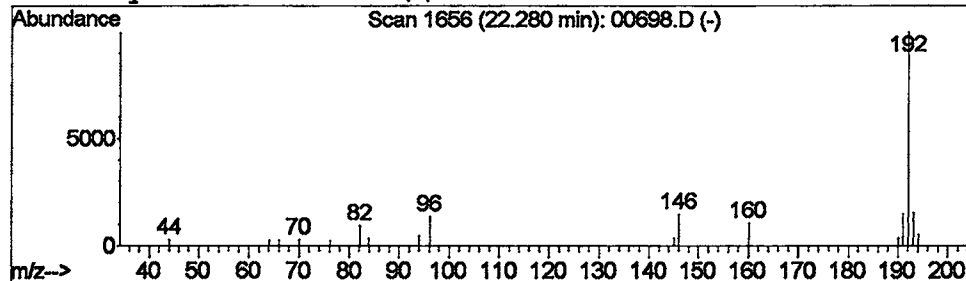
Vial: 6
Operator:
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 4 Phenanthrene, 9-methyl- \$\$... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.14 ug/L	83979	Phenanthrene-d10	22.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 9-methyl- \$\$ 9-Met...	192	C15H12	000883-20-5	53
2			N-(2-methylprop-2-enyl)-2-nitrob...	192	C10H12N2O2	000000-00-0	49
3			1-amino-2-methyl-4-isopropyl-thi...	192	C5H13N4PS	107264-54-0	45
4			1-Cyanocarbazole \$\$ 9H-Carbazole...	192	C13H8N2	083415-88-7	45



Library Search Compound Report

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Acq On : 23 Jan 2002 7:05 pm
Sample : 508 scan
Misc : January 22, 2002
MS Integration Params: LSCINT.P

Vial: 6
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Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)

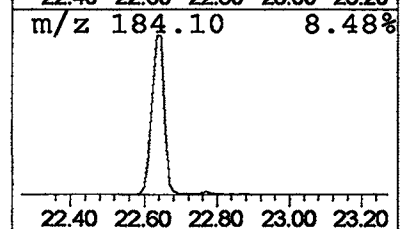
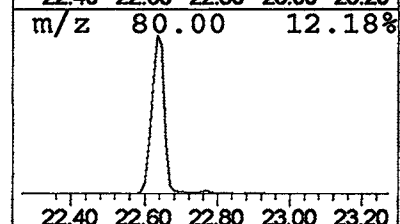
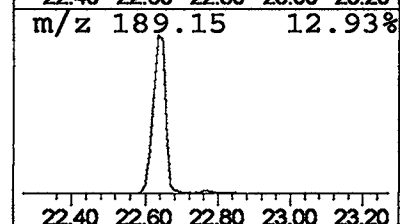
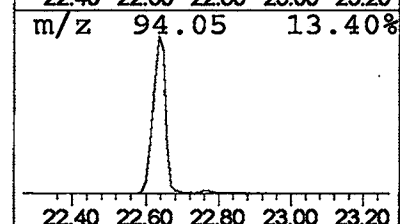
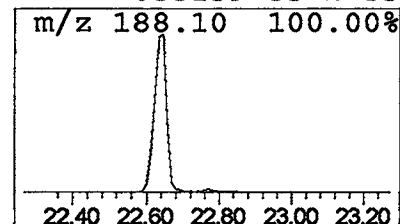
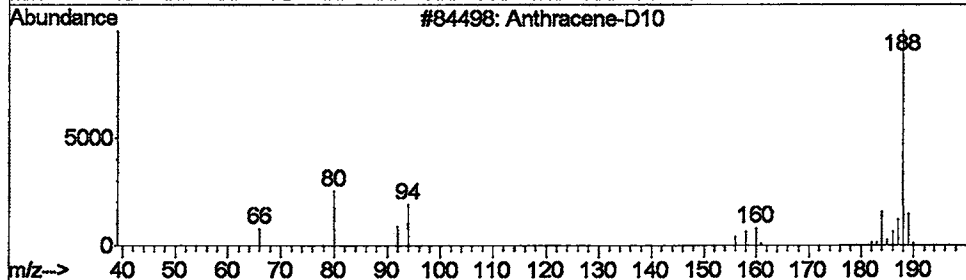
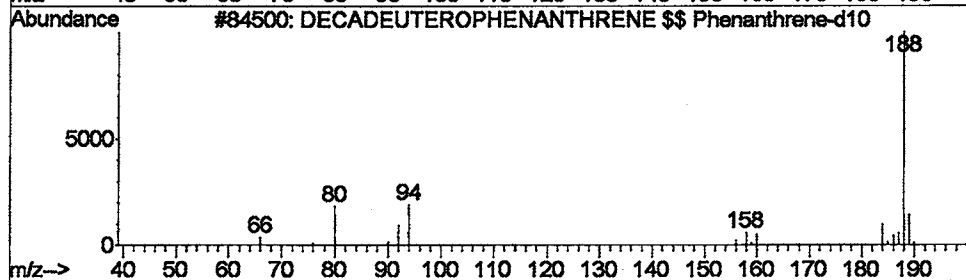
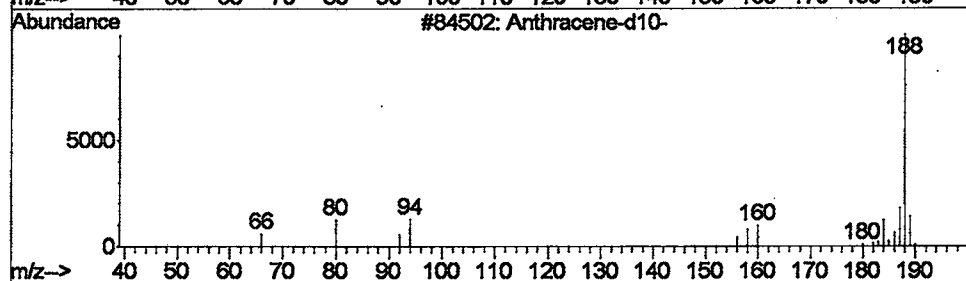
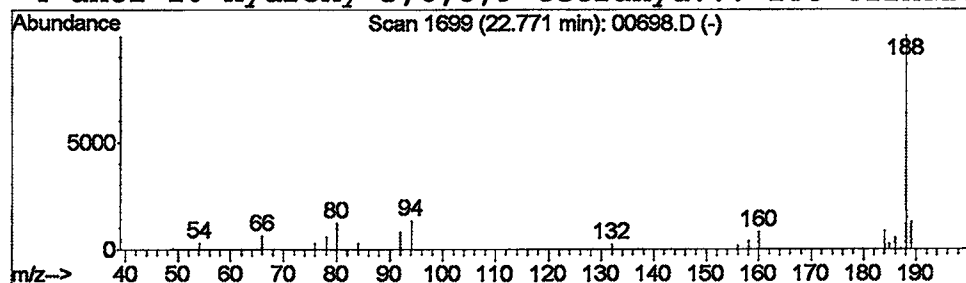
Title : 508 scan method

Library : C:\DATABASE\WILEY7N.L

Peak Number 5 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.29 ug/L	175526	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	78
4	anti-10-hydroxy-5,6,8,9-tetrahyd...	188	C12H12O2	055139-53-2	53



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN23\00698.D
Acq On : 23 Jan 2002 7:05 pm
Sample : 508 scan
Misc : January 22, 2002
MS Integration Params: LSCINT.P

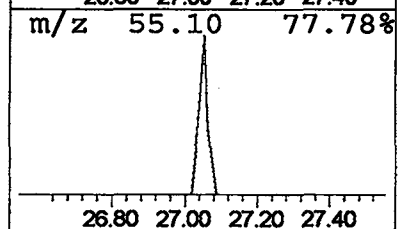
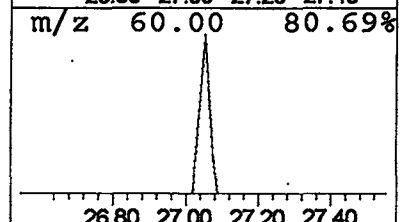
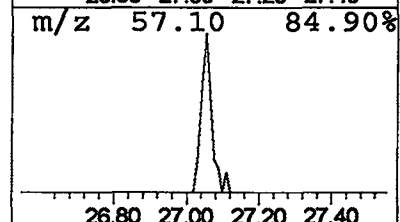
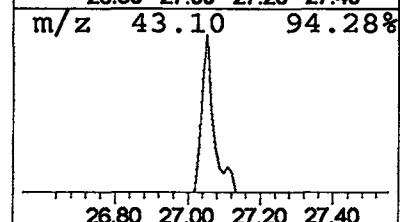
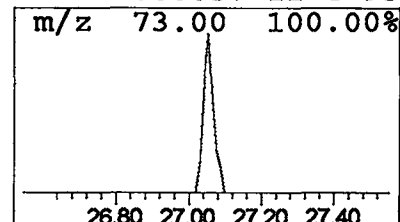
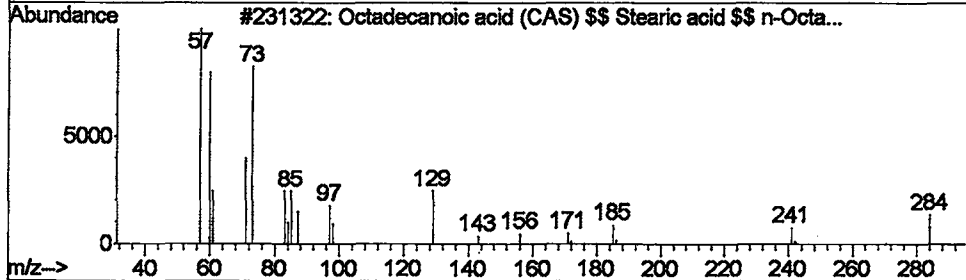
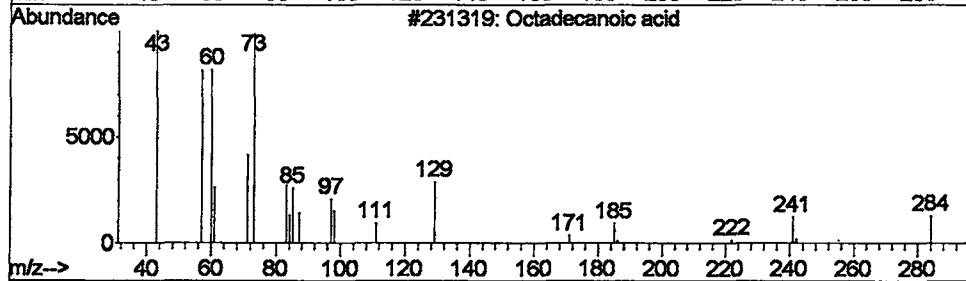
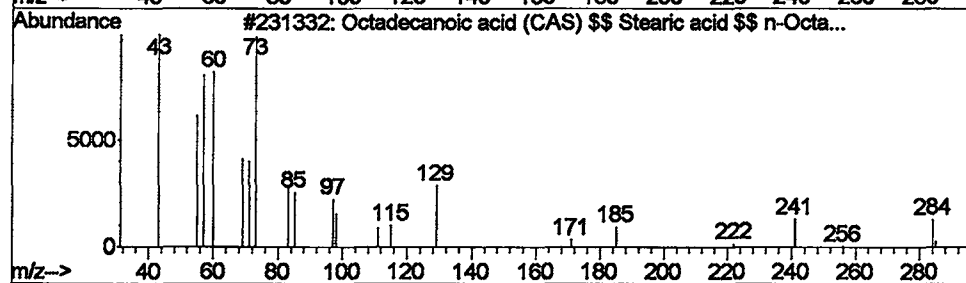
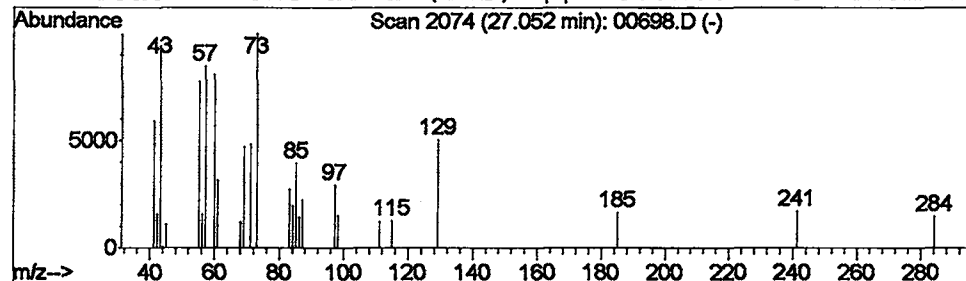
Vial: 6
Operator:
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 6 Octadecanoic acid (CAS) \$\$... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.05	0.15 ug/L	84535	Chrysene-d12	30.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid (CAS) \$\$ Stear...	284	C18H36O2	000057-11-4	98
2			Octadecanoic acid	284	C18H36O2	000057-11-4	97
3			Octadecanoic acid (CAS) \$\$ Stear...	284	C18H36O2	000057-11-4	96
4			Octadecanoic acid (CAS) \$\$ Stear...	284	C18H36O2	000057-11-4	95



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN23\00698.D
Acq On : 23 Jan 2002 7:05 pm
Sample : 508 scan
Misc : January 22, 2002
MS Integration Params: LSCINT.P

Vial: 6
Operator:
Inst : Instrumen
Multiplr: 1.00

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

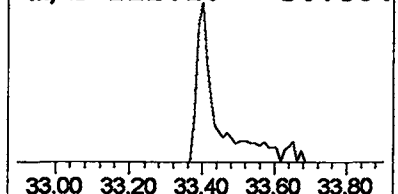
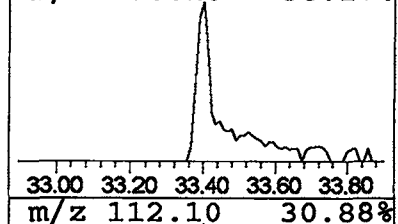
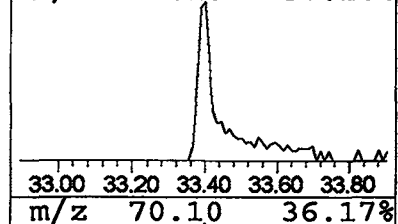
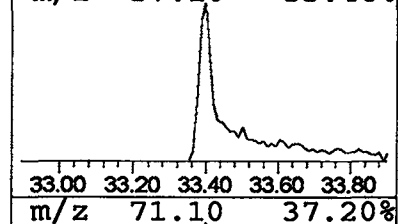
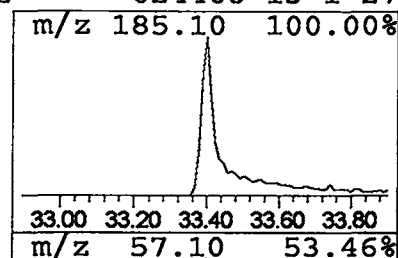
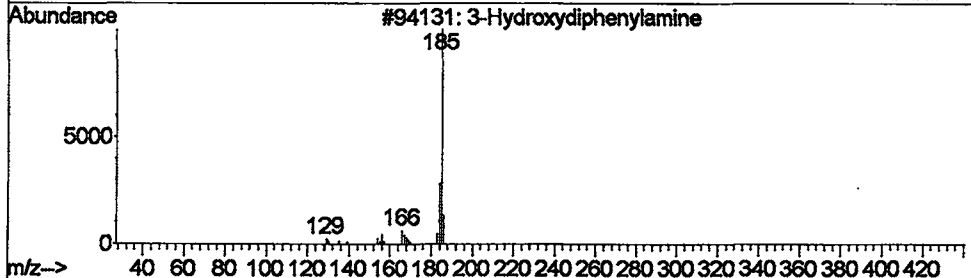
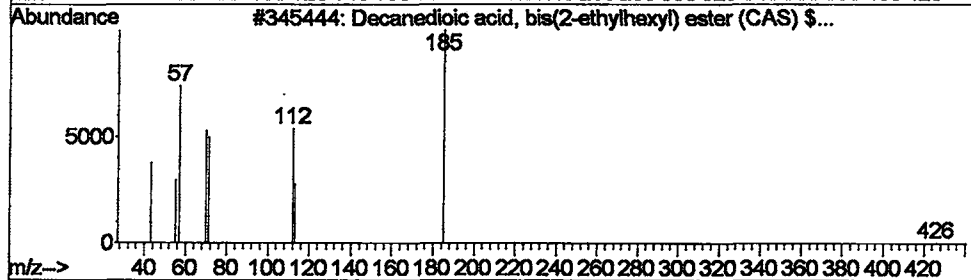
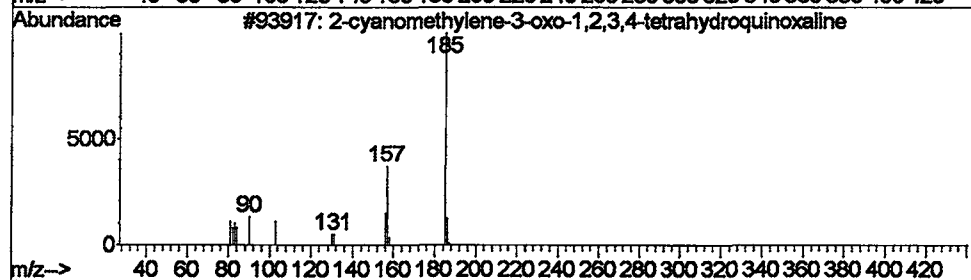
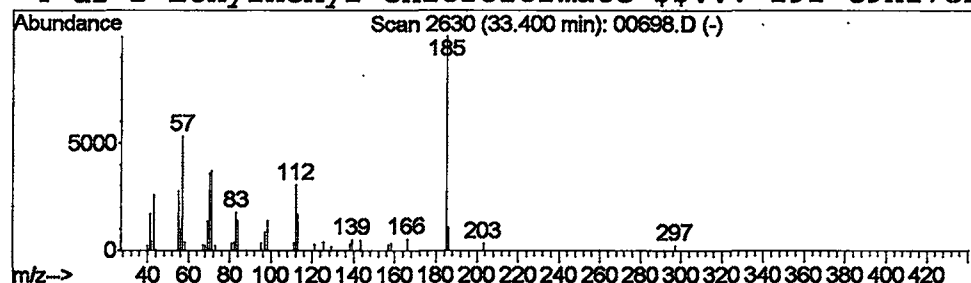
Title : 508 scan method

Library : C:\DATABASE\WILEY7N.L

Peak Number 7 2-cyanomethylene-3-oxo-1,2,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.40	0.97 ug/L	458777	Perylene-d12	34.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-cyanomethylene-3-oxo-1,2,3,4-t...	185	C10H7N3O	000000-00-0	50
2			Decanedioic acid, bis(2-ethylhex...	426	C26H50O4	000122-62-3	43
3			3-Hydroxydiphenylamine	185	C12H11NO	000101-18-8	32
4			dl-2-Ethylhexyl chloroformate \$\$...	192	C9H17ClO2	024468-13-1	27



No
Good
Match

Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Jan 2002 7:05 pm
Data File: C:\MSDCHEM\1\5973N\02JAN23\00698.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	--Internal Standard--			
					#	RT	Resp	Conc
Butanoic acid, me...	3.61	0.1	ug/L	38881	1	9.71	7134180	20.0
Acetic acid, 3-[1...	5.91	0.5	ug/L	191068	1	9.71	7134180	20.0
2-Propanol, 1-(2-...	9.85	0.1	ug/L	42219	1	9.71	7134180	20.0
Phenanthrene, 9-m...	22.28	0.1	ug/L	83979	4	22.65	11980600	20.0
Anthracene d10-	22.77	0.3	ug/L	175526	4	22.65	11980600	20.0
Octadecanoic acid...	27.05	0.2	ug/L	84535	5	30.49	11041200	20.0
2-cyanomethylene-...	33.40	1.0	ug/L	458777	6	34.42	9435520	20.0