

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/25/2002 Time: 17:13:52

Sample: AE00103
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/25/02 17:13 Ended: 1/25/02 17:13 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		78		5.0

Comments for Sample AE00103 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 01-25-2002 Time: 17:13:55

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\00103.D

Vial: 5

Acq On : 23 Jan 2002 6:15 pm

Operator:

Sample : 508 scan

Inst : Instrumen

Misc : January 22, 2002

Multiplr: 1.00

MS Integration Params: SPLIT.P

Quant Time: Jan 24 09:46:37 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	1220550	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	5250269	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	2705515	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	4450065	20.00	ug/L	-0.02
38) Chrysene-d12	30.50	240	3858054	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	2583565	20.00	ug/L	0.00

System Monitoring Compounds

37) 2,4-DDD	27.73	235	274271	3.90	ug/L	0.00
Spiked Amount	5.000		Recovery	=	78.00%	

Target Compounds

						Qvalue
20) Dimethylphthalate	18.34	163	433881	2.43	ug/L	# 56
21) 2,6-Dinitrotoluene	18.34	165	340245	9.76	ug/L	# 17
35) Di-n-butylphthalate	24.85	149	123668	0.43	ug/L	99
42) Bis(2-ethylhexyl)phthalate	31.11	149	10571	0.60	ug/L	92

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

00103.D SCAN508.M

Thu Jan 24 09:46:38 2002

Page 1

Quantitation Report

(Not Reviewed)

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Vial: 5

Acq On : 23 Jan 2002 6:15 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

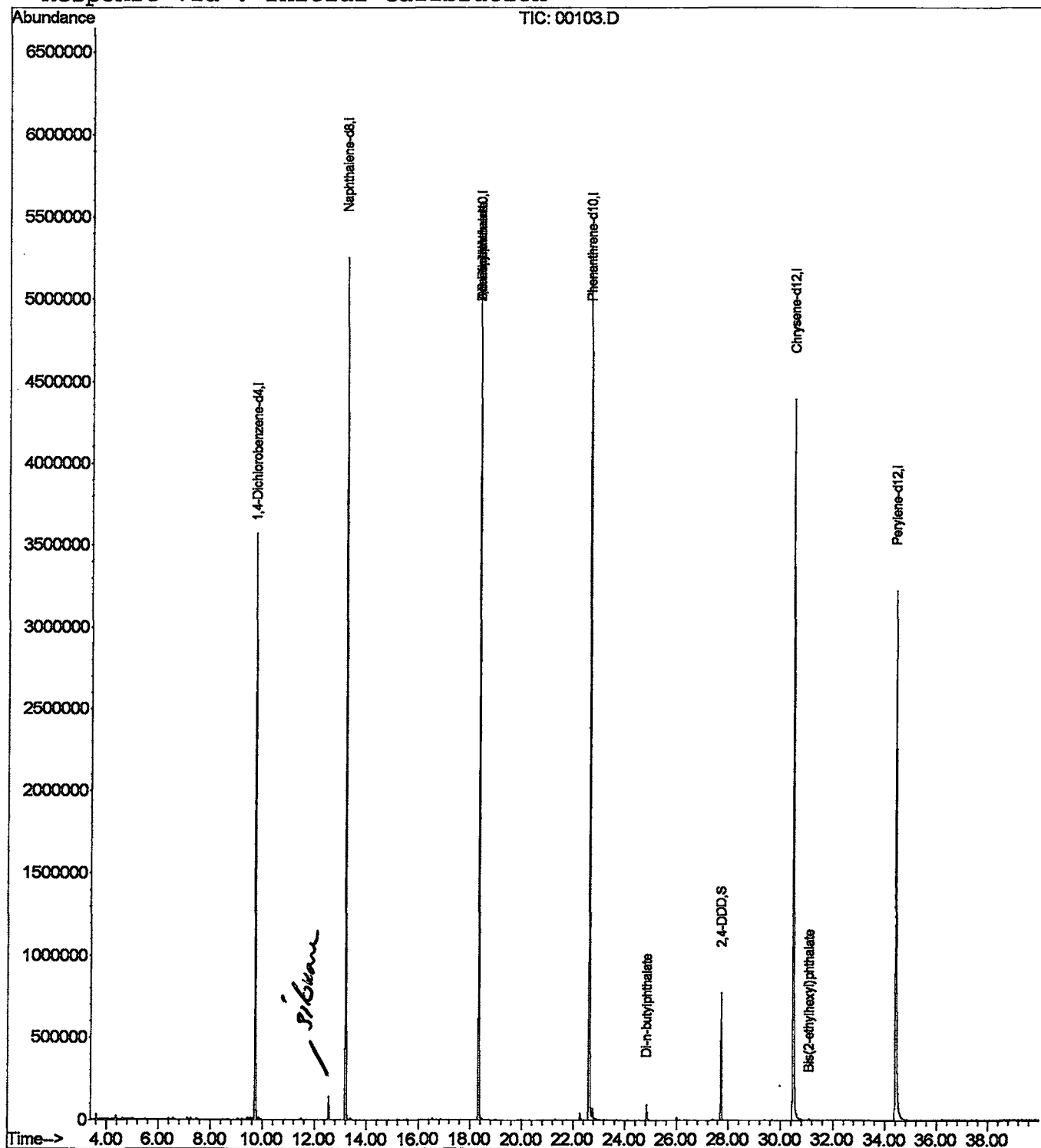
Quant Results File: SCAN508.RE

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\00103.D

Acq On : 23 Jan 2002 6:15 pm

Sample : 508 scan

Misc : January 22, 2002

MS Integration Params: LSCINT.P

Vial: 5

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

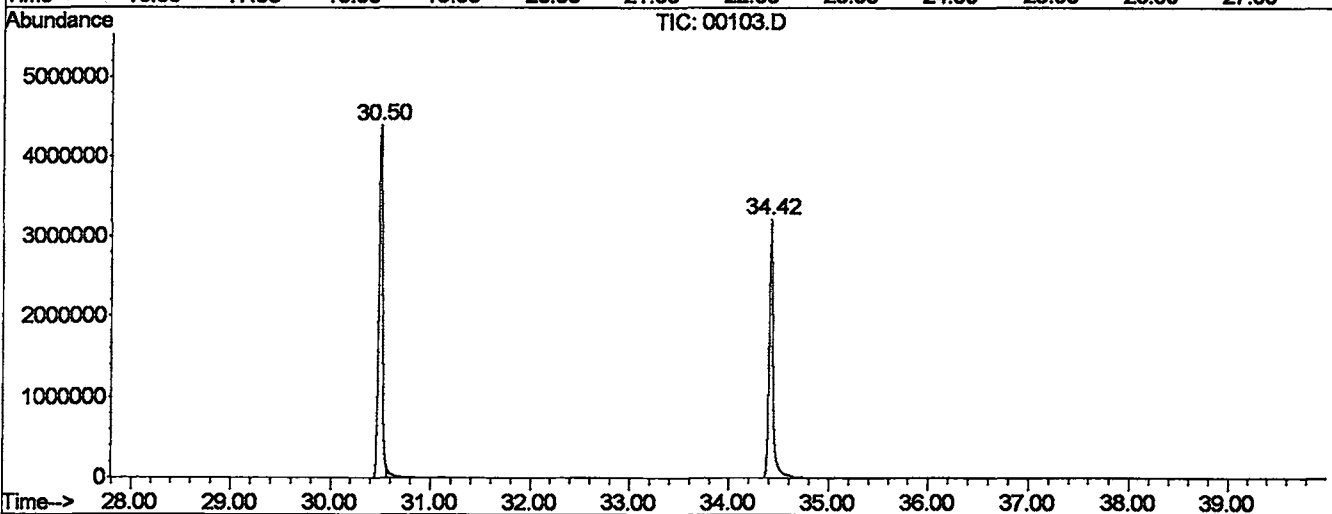
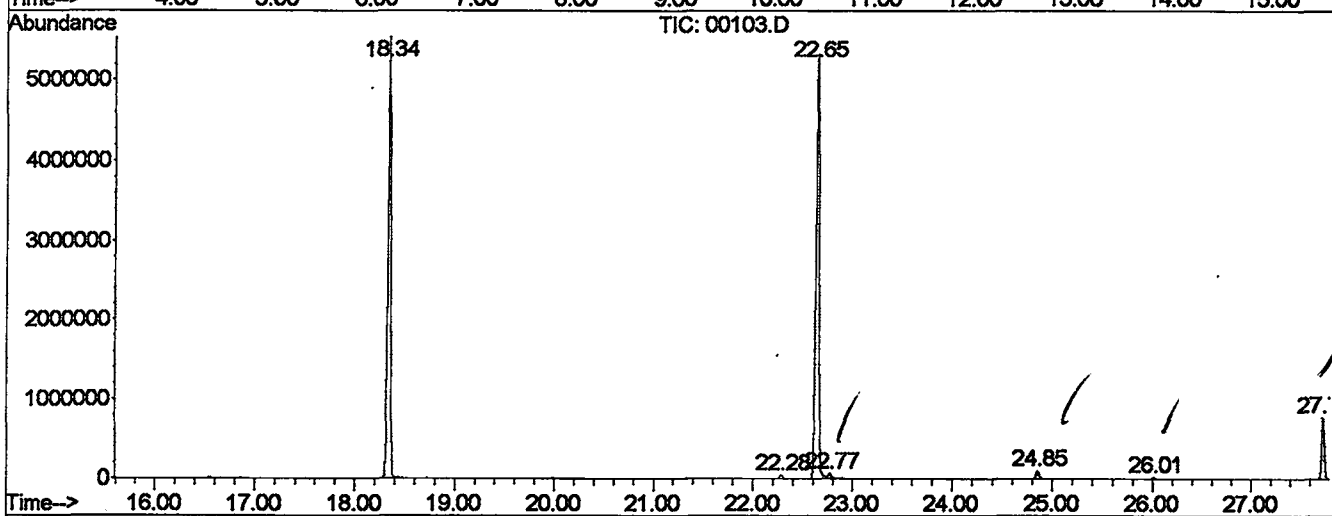
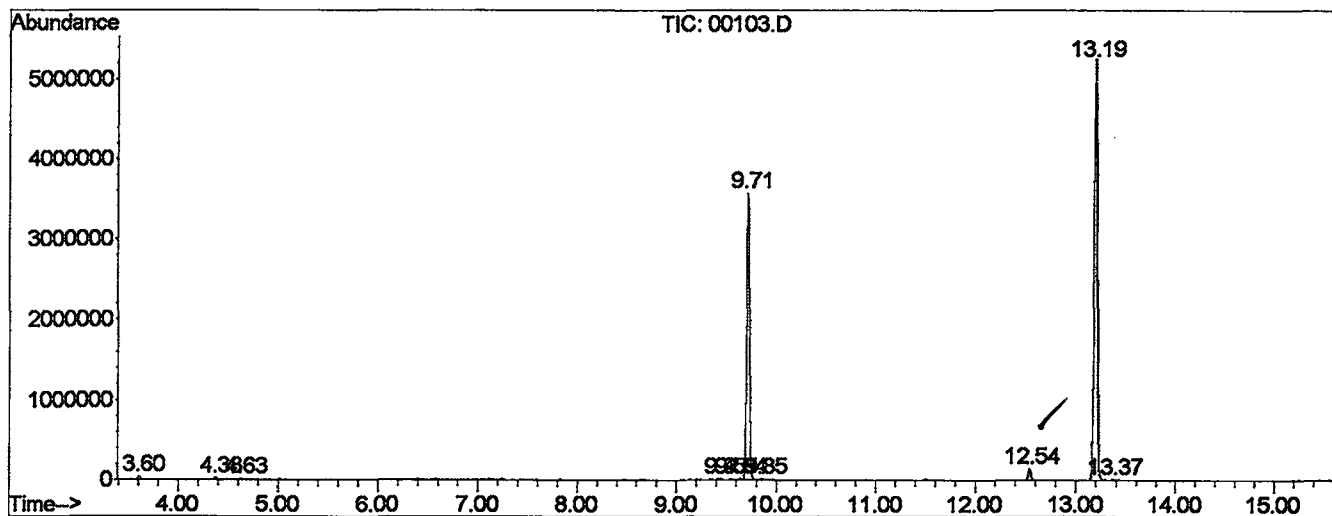
Signal : TIC

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	36744	51228	0.43%	0.082%
2	4.378	85	88	91	rVB	24151	41538	0.35%	0.067%
3	4.629	107	110	117	rBV3	12846	26178	0.22%	0.042%
4	9.447	527	532	537	rBV2	15819	43058	0.36%	0.069%
5	9.550	537	541	545	rBV	15225	31381	0.26%	0.050%
6	9.641	545	549	551	rVV2	11653	26247	0.22%	0.042%
7	9.710	551	555	561	rVV	3567696	7014204	59.11%	11.283%
8	9.847	561	567	573	rVB	14207	27416	0.23%	0.044%
9	12.541	799	803	807	rVV	145237	239781	2.02%	0.386%
10	13.192	855	860	865	rBV	5250540	10131837	85.39%	16.298%
11	13.375	873	876	887	rVB2	10854	39887	0.34%	0.064%
12	18.341	1305	1311	1315	rBV	5538254	11025360	92.92%	17.735%
13	22.280	1653	1656	1661	rBV	44335	78433	0.66%	0.126%
14	22.645	1681	1688	1693	rBV2	5323967	11865708	100.00%	19.087%
15	22.771	1695	1699	1707	rVB	63028	154850	1.31%	0.249%
16	24.849	1877	1881	1887	rBV	97898	187207	1.58%	0.301%
17	26.013	1977	1983	1987	rVB	19051	44649	0.38%	0.072%
18	27.726	2127	2133	2139	rVV	773437	1360322	11.46%	2.188%
19	30.500	2369	2376	2381	rBV	4391945	11000896	92.71%	17.696%
20	34.416	2713	2719	2759	rBV	3218410	8777388	73.97%	14.119%

Sum of corrected areas: 62167568

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN23\00103.D
 Operator :
 Acquired : 23 Jan 2002 6:15 pm using AcqMethod SCAN508
 Instrument : Instrumen
 Sample Name: 508 scan
 Misc Info : January 22, 2002
 Vial Number: 5
 Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN23\00103.D
Acq On : 23 Jan 2002 6:15 pm
Sample : 508 scan
Misc : January 22, 2002
MS Integration Params: LSCINT.P

Vial: 5
Operator:
Inst : Instrumen
Multiplr: 1.00

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

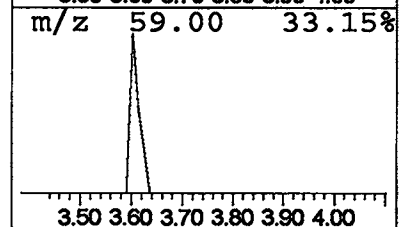
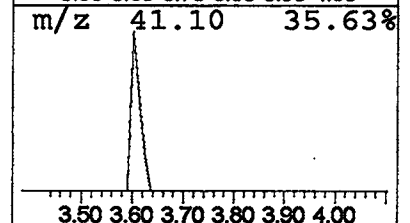
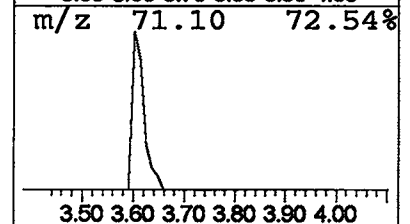
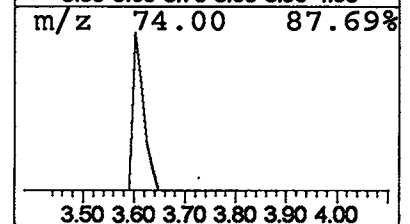
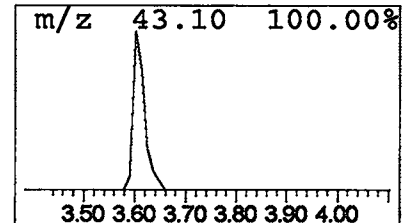
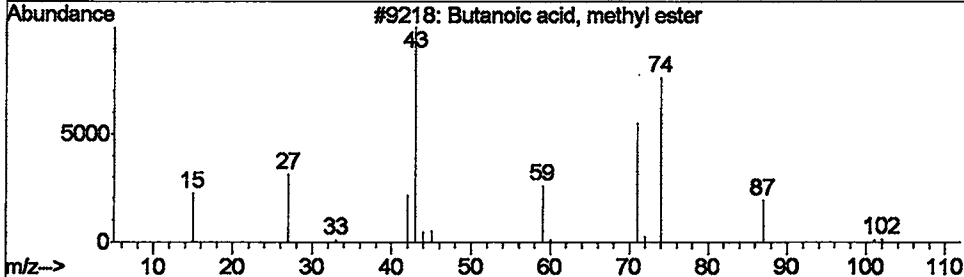
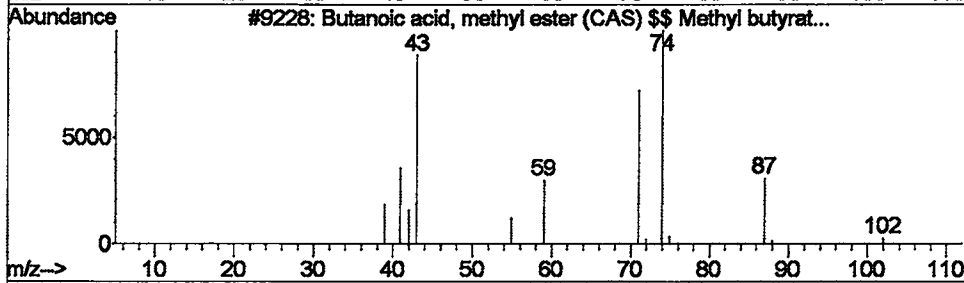
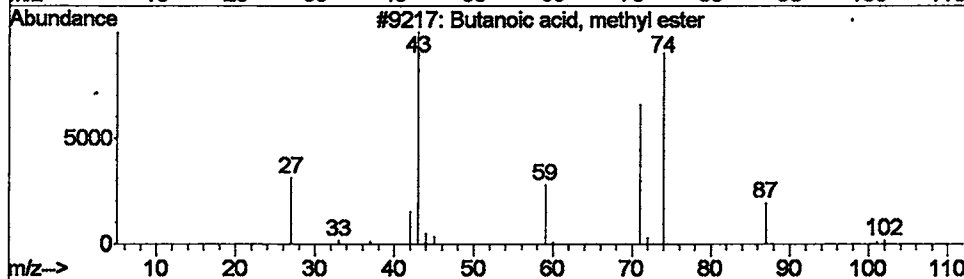
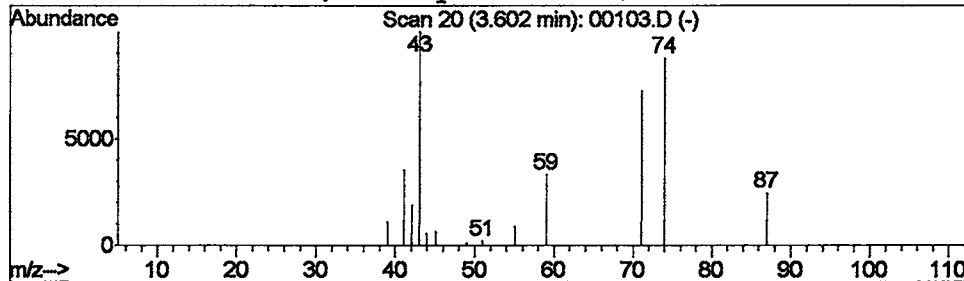
Title : 508 scan method

Library : C:\DATABASE\WILEY7N.L

Peak Number 1 Butanoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	0.15 ug/L	51228	1,4-Dichlorobenzene-d4	9.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanoic acid, methyl ester	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

Data File : C:\MSDCHEM\1\5973N\02JAN23\00103.D
Acq On : 23 Jan 2002 6:15 pm
Sample : 508 scan
Misc : January 22, 2002
MS Integration Params: LSCINT.P

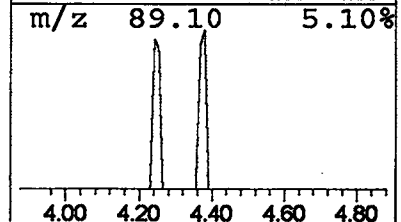
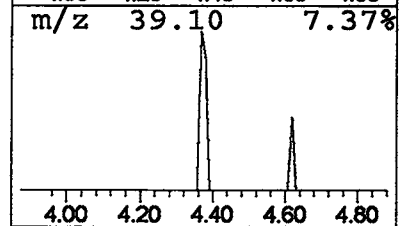
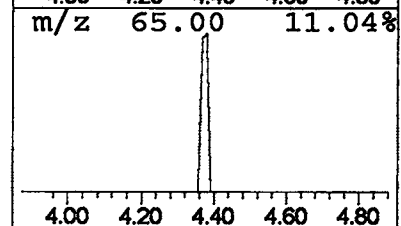
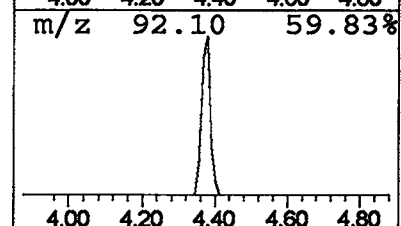
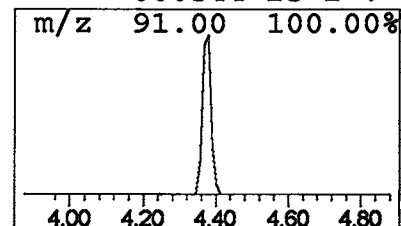
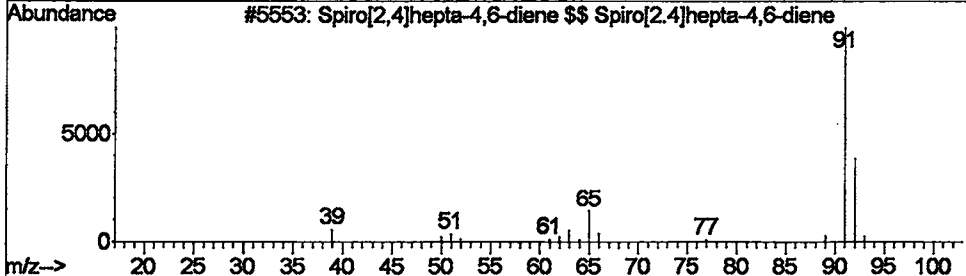
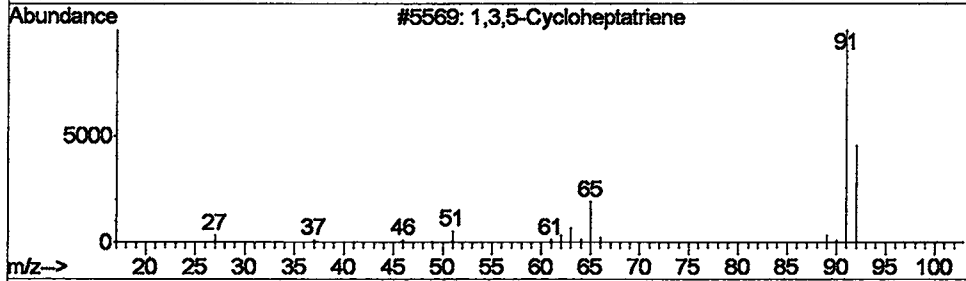
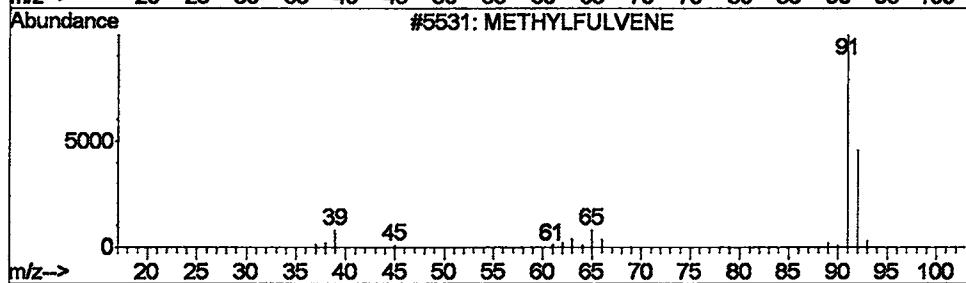
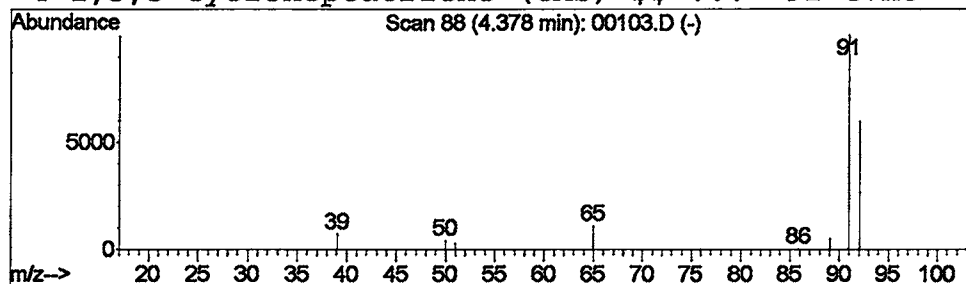
Vial: 5
Operator:
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 2 METHYLFULVENE Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	0.12 ug/L	41538	1,4-Dichlorobenzene-d4	9.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			METHYLFULVENE	92	C7H8	000000-00-0	9
2			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	7
3			Spiro[2,4]hepta-4,6-diene \$\$ Spi...	92	C7H8	000765-46-8	7
4			1,3,5-Cycloheptatriene (CAS) \$\$...	92	C7H8	000544-25-2	7



Library Search Compound Report

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 Sample : 508 scan
 Misc : January 22, 2002
 MS Integration Params: LSCINT.P

Vial: 5
 Operator:
 Inst : Instrumen
 Multiplr: 1.00

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

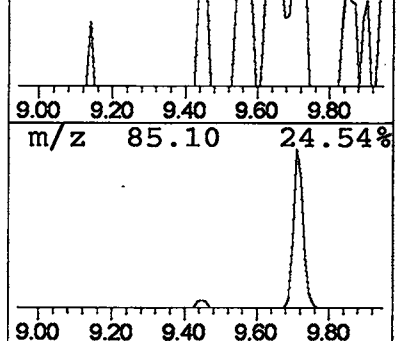
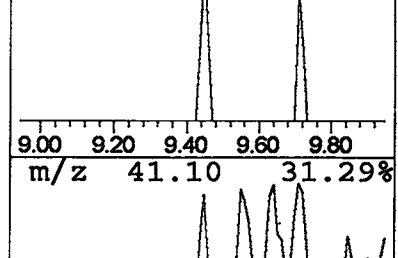
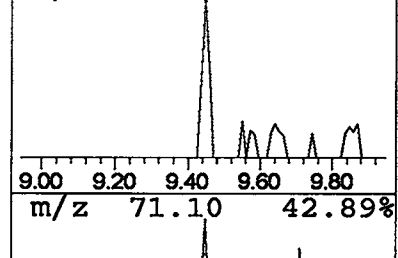
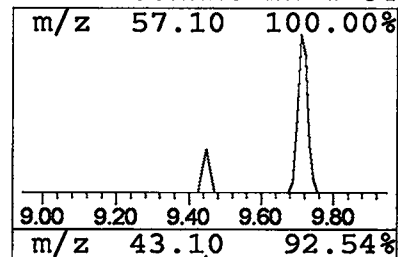
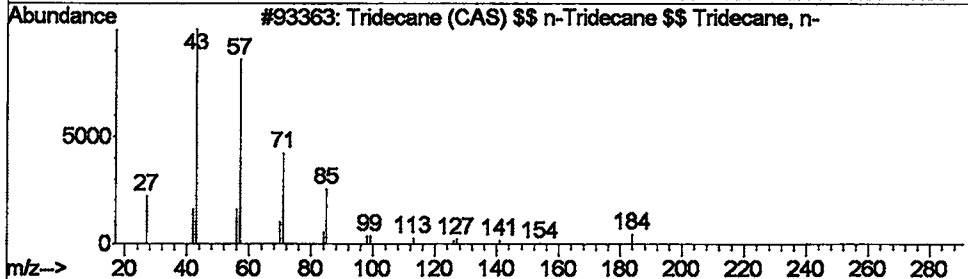
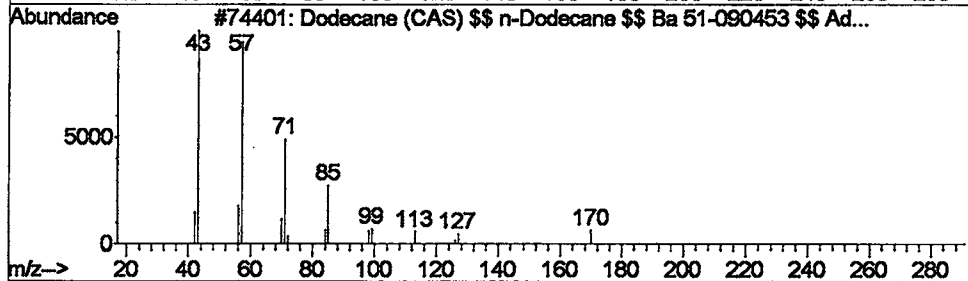
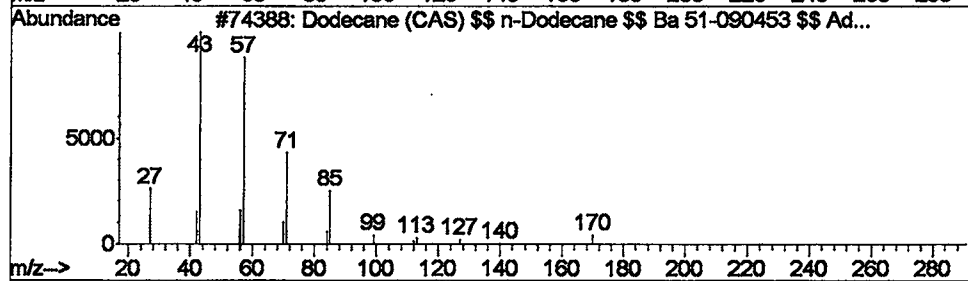
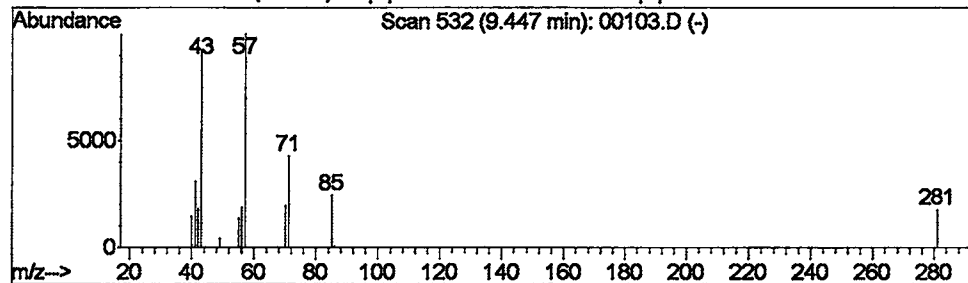
Title : 508 scan method

Library : C:\DATABASE\WILEY7N.L

 Peak Number 3 Dodecane (CAS) \$\$ n-Dodecan... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	0.12 ug/L	43058	1,4-Dichlorobenzene-d4	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane (CAS) \$\$ n-Dodecane	170	C12H26	000112-40-3	64
2		Dodecane (CAS) \$\$ n-Dodecane	170	C12H26	000112-40-3	64
3		Tridecane (CAS) \$\$ n-Tridecane	184	C13H28	000629-50-5	64
4		Undecane (CAS) \$\$ n-Undecane	156	C11H24	001120-21-4	64



Library Search Compound Report

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Misc : January 22, 2002

MS Integration Params: LSCINT.P

Vial: 5

Operator:

Inst : Instrumen

Multiplr: 1.00

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

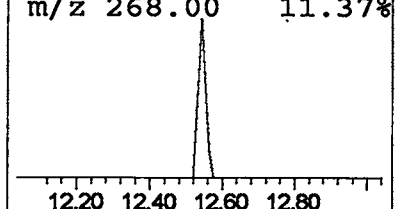
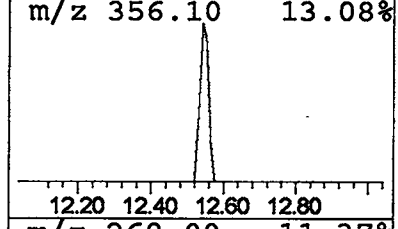
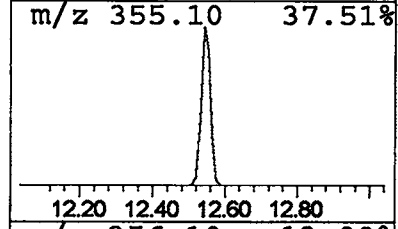
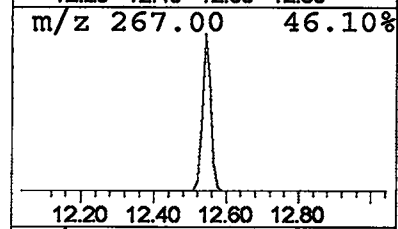
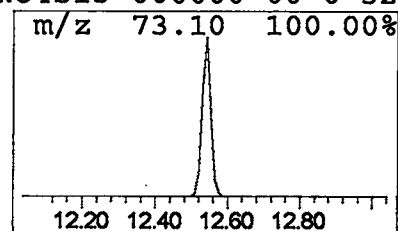
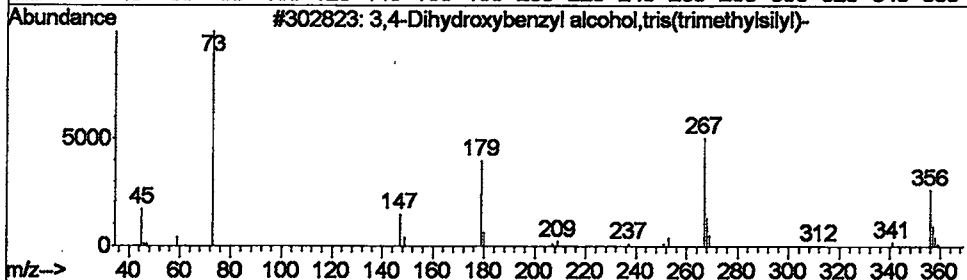
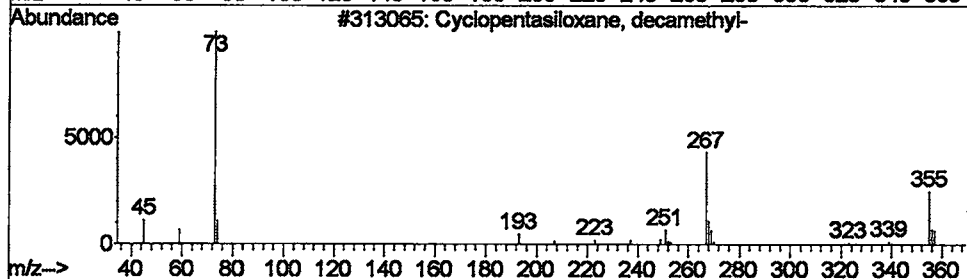
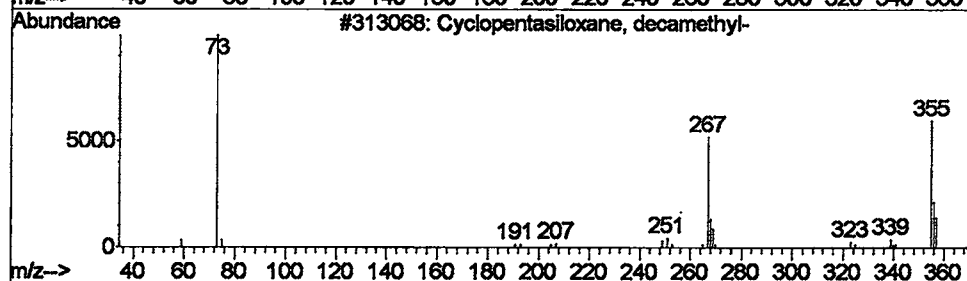
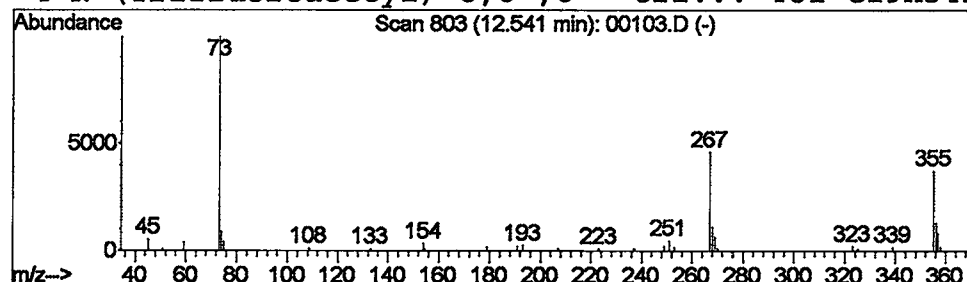
Title : 508 scan method

Library : C:\DATABASE\WILEY7N.L

Peak Number 4 Cyclopentasiloxane, decamet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.47 ug/L	239781	Naphthalene-d8	13.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
2		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	38
3		3,4-Dihydroxybenzyl alcohol, tris...	356	C16H32O3Si3	068595-79-9	38
4		N-(Trifluoroacetyl)-O,O',O''-tri...	481	C19H34F3NO4Si3	000000-00-0	32



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN23\00103.D
Acq On : 23 Jan 2002 6:15 pm
Sample : 508 scan
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MS Integration Params: LSCINT.P

Vial: 5
Operator:
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Multiplr: 1.00

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

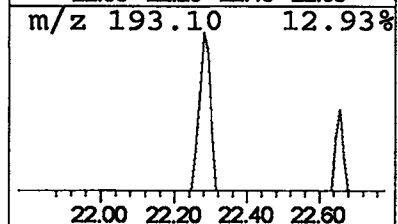
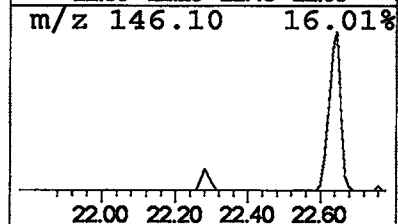
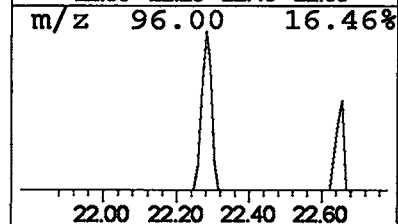
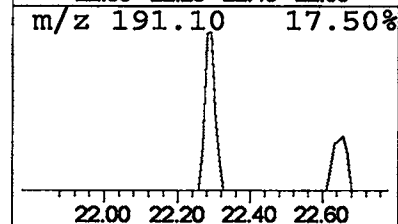
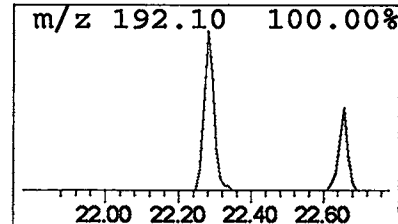
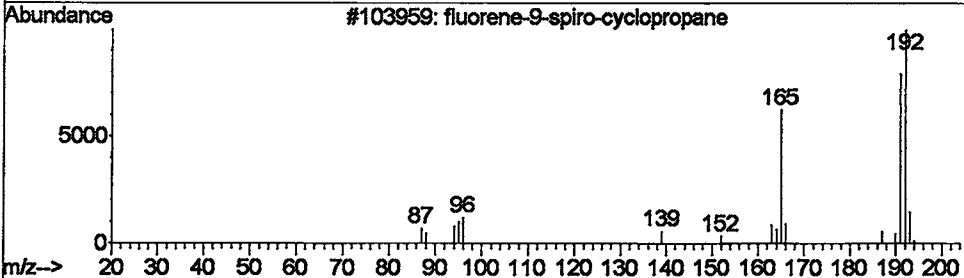
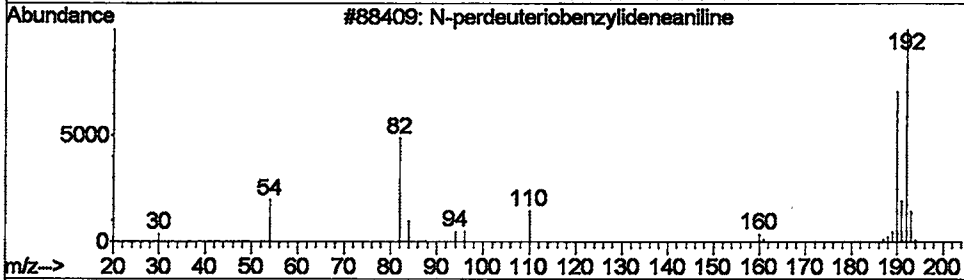
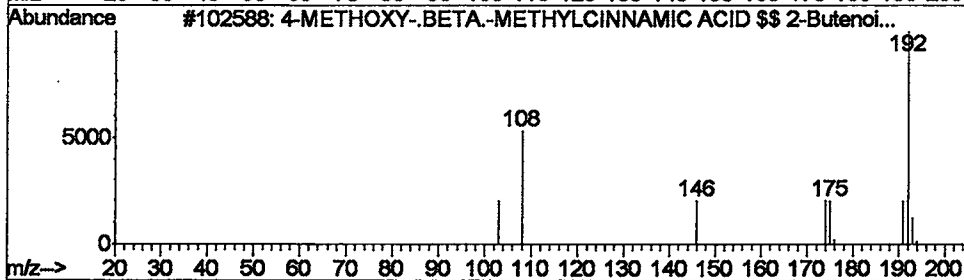
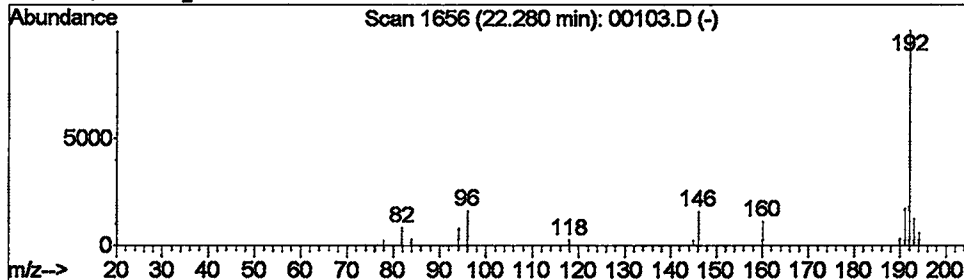
Title : 508 scan method

Library : C:\DATABASE\WILEY7N.L

Peak Number 5 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.13 ug/L	78433	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			fluorene-9-spiro-cyclopropane	192	C15H12	000000-00-0	45
4			1,5-Naphthalenedithiole	192	C10H8S2	000000-00-0	45



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN23\00103.D
 Acq On : 23 Jan 2002 6:15 pm
 Sample : 508 scan
 Misc : January 22, 2002
 MS Integration Params: LSCINT.P

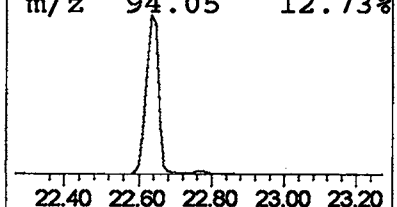
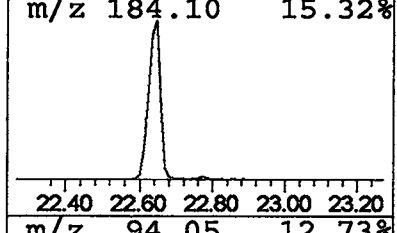
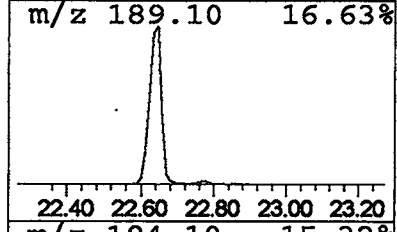
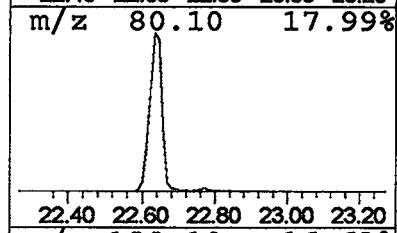
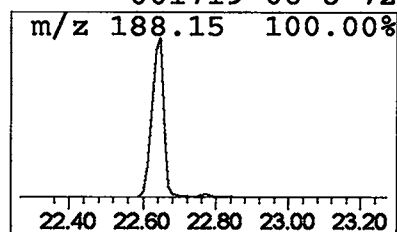
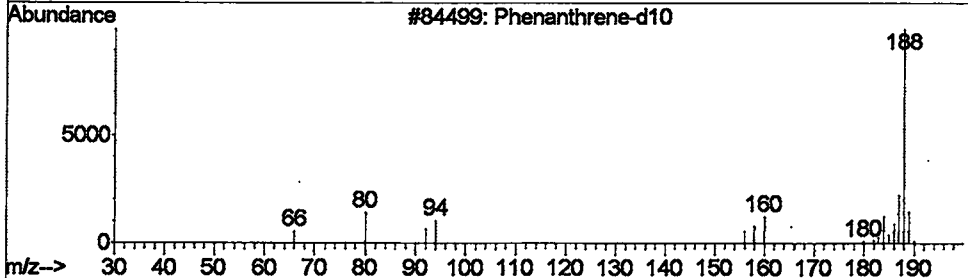
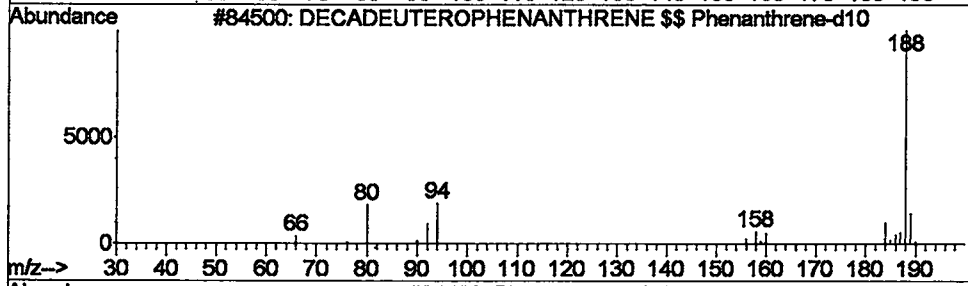
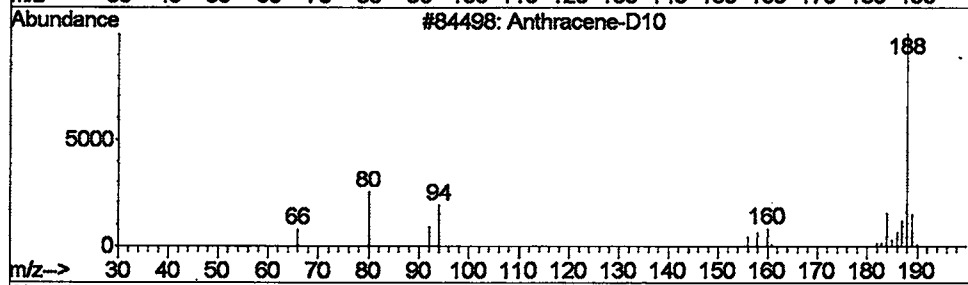
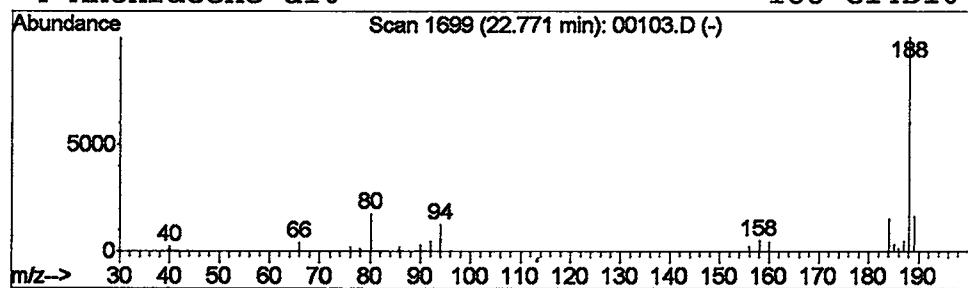
Vial: 5
 Operator:
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 6 Anthracene-D10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.26 ug/L	154850	Phenanthrene-d10	22.65

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene-D10	188	C14D10	000000-00-0	91
2		DECADEUTEROPHENANTHRENE \$\$ Phena...	188	C14D10	001517-22-2	87
3		Phenanthrene-d10	188	C14D10	001517-22-2	86
4		Anthracene-d10-	188	C14D10	001719-06-8	72



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Jan 2002 6:15 pm
Data File: C:\MSDCHEM\1\5973N\02JAN23\00103.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	51228	1	9.72	7014200	20.0
METHYLFULVENE	4.38	0.1	ug/L	41538	1	9.72	7014200	20.0
Dodecane (CAS) \$\$...	9.45	0.1	ug/L	43058	1	9.72	7014200	20.0
Cyclopentasiloxan...	12.54	0.5	ug/L	239781	2	13.19	10131800	20.0
4-METHOXY-.BETA.-...	22.28	0.1	ug/L	78433	4	22.65	11865700	20.0
Anthracene, D10	22.77	0.3	ug/L	154850	4	22.65	11865700	20.0