

of Labs & Research
002 Time: 17:17:57

AE00838
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/25/02 17:17 Ended: 1/25/02 17:17 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		81		5.0

Comments for Sample AE00838 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 01-25-2002 Time: 17:18:08

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\00838.D

Vial: 7

Acq On : 23 Jan 2002 7:54 pm

Operator:

Sample : 508 scan

Inst : Instrumen

Misc : January 22, 2002

Multiplr: 1.00

MS Integration Params: SPLIT.P

Quant Time: Jan 24 09:46:41 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	1339135	20.00	ug/L	-0.01
10) Naphthalene-d8	13.19	136	5642001	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	2885943	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	4734387	20.00	ug/L	-0.02
38) Chrysene-d12	30.50	240	4038893	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	2937721	20.00	ug/L	0.00

System Monitoring Compounds

37) 2,4-DDD	27.73	235	302103	4.04	ug/L	0.00
Spiked Amount	5.000		Recovery	=	80.80%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
20) Dimethylphthalate	18.34	163	462435	2.43	ug/L	# 56
21) 2,6-Dinitrotoluene	18.34	165	364433	9.80	ug/L	# 17
42) Bis(2-ethylhexyl)phthalate	31.11	149	37778	0.74	ug/L	94

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

00838.D SCAN508.M

Thu Jan 24 09:46:42 2002

Page 1

Quantitation Report (Not Reviewed)

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Vial: 7

Acq On : 23 Jan 2002 7:54 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

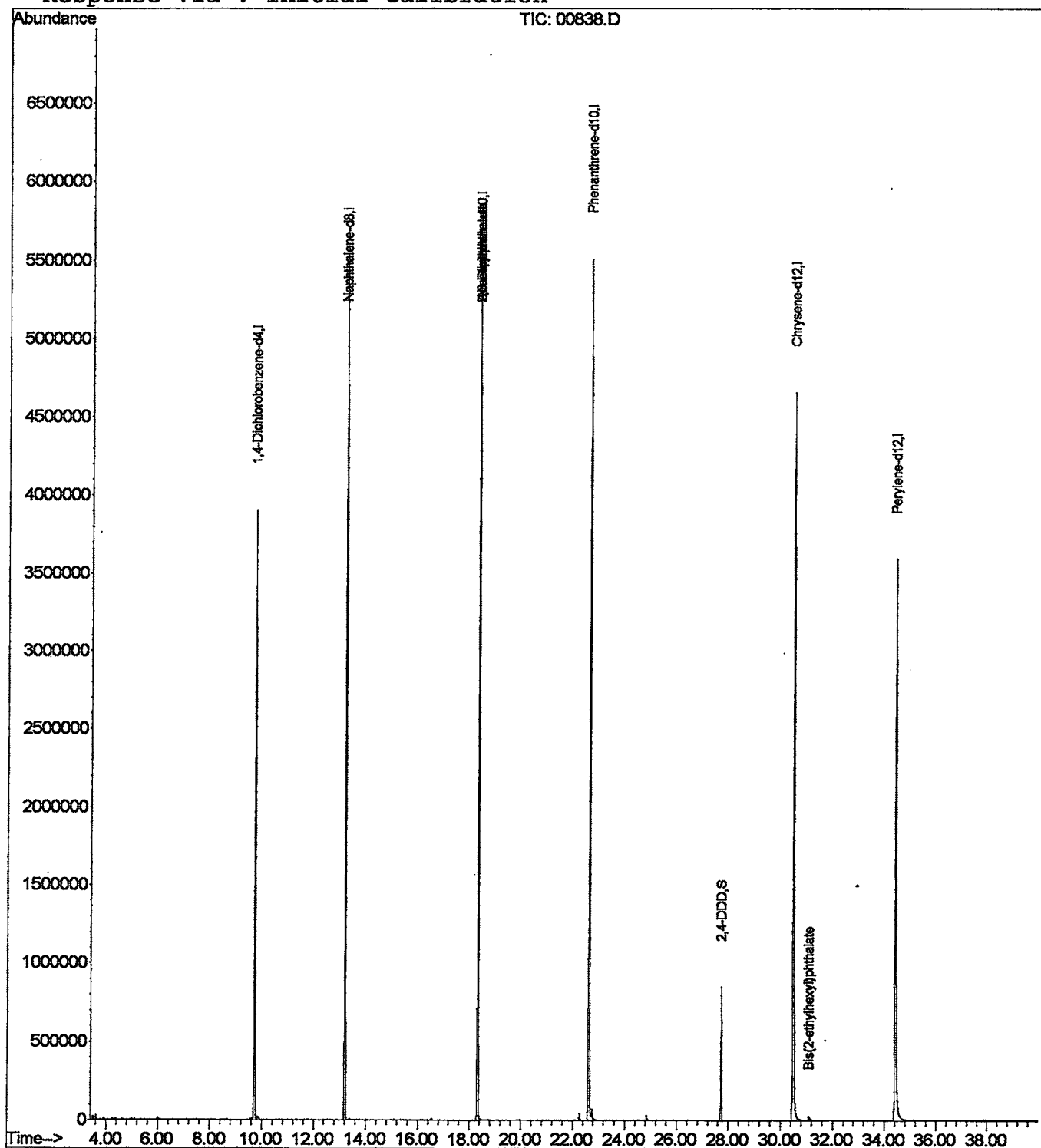
Quant Results File: SCAN508.RE

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\00838.D

Acq On : 23 Jan 2002 7:54 pm

Sample : 508 scan

Misc : January 22, 2002

MS Integration Params: LSCINT.P

Vial: 7

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	3.488	5	10	13	rBV	23365	37158	0.30%	0.056%
2	3.613	17	21	25	rVB	31934	47281	0.38%	0.071%
3	3.922	45	48	53	rVB	14624	26472	0.21%	0.040%
4	4.241	73	76	85	rVB3	9829	27520	0.22%	0.041%
5	6.011	227	231	235	rBV	15873	27512	0.22%	0.041%
6	9.550	537	541	547	rBV3	12889	38109	0.30%	0.057%
7	9.641	547	549	551	rVV	14672	30390	0.24%	0.046%
8	9.710	551	555	561	rVV	3902815	7720073	61.57%	11.568%
9	9.847	561	567	577	rVB2	20645	72767	0.58%	0.109%
10	10.212	589	599	609	rVB3	4269	27382	0.22%	0.041%
11	13.192	855	860	865	rBV	5528296	10913130	87.04%	16.352%
12	18.341	1305	1311	1315	rBV	5810328	11713955	93.43%	17.552%
13	22.280	1651	1656	1661	rBV	47626	88331	0.70%	0.132%
14	22.645	1681	1688	1693	rBV2	5505579	12538303	100.00%	18.787%
15	22.771	1695	1699	1715	rVB	72403	224848	1.79%	0.337%
16	24.849	1877	1881	1885	rBV	34198	62205	0.50%	0.093%
17	27.726	2127	2133	2139	rBV	850205	1496786	11.94%	2.243%
18	30.500	2369	2376	2381	rBV	4655834	11603671	92.55%	17.387%
19	31.105	2419	2429	2443	rVV2	27761	120078	0.96%	0.180%
20	34.416	2713	2719	2755	rBV	3589013	9921636	79.13%	14.867%

Sum of corrected areas: 66737607

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN23\00838.D
Acq On : 23 Jan 2002 7:54 pm
Sample : 508 scan
Misc : January 22, 2002
MS Integration Params: LSCINT.P

Vial: 7
Operator:
Inst : Instrumen
Multiplr: 1.00

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

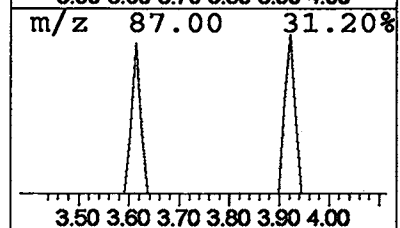
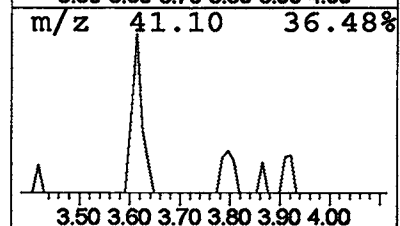
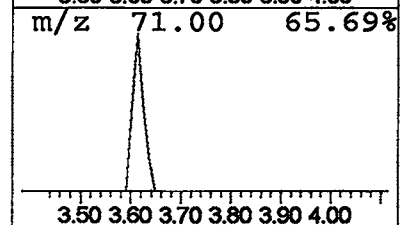
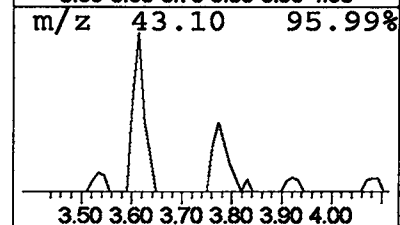
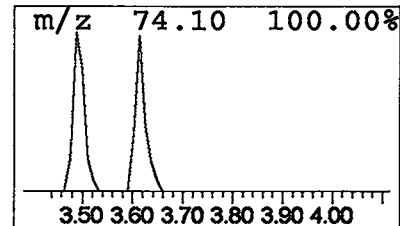
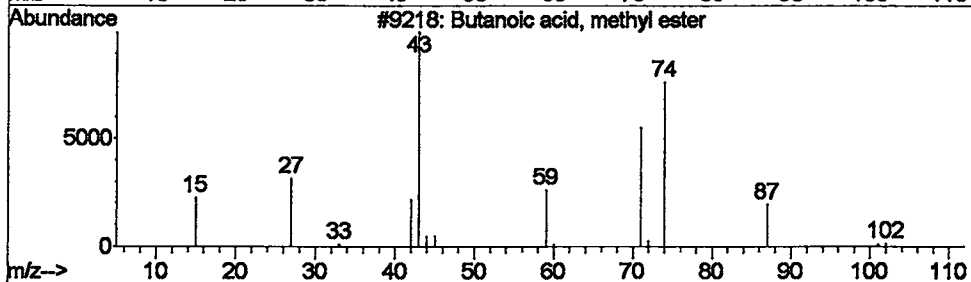
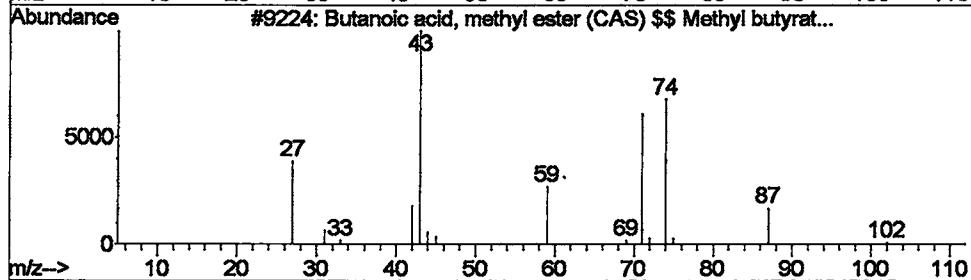
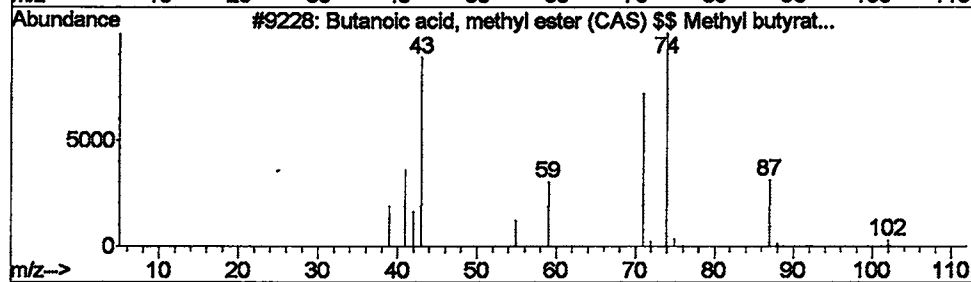
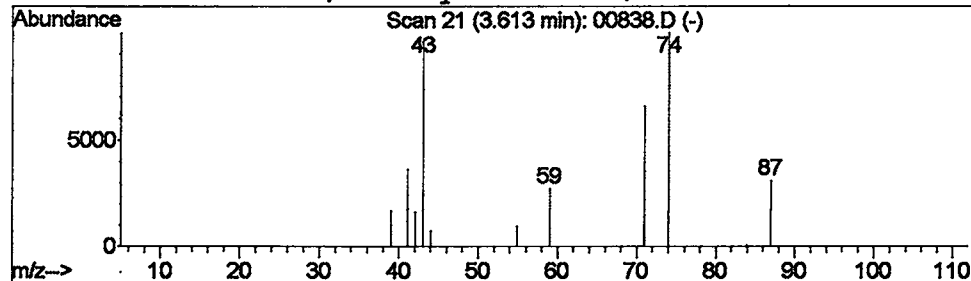
Title : 508 scan method

Library : C:\DATABASE\WILEY7N.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	0.12 ug/L	47281	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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Vial: 7
Operator:
Inst : Instrumen
Multiplr: 1.00

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

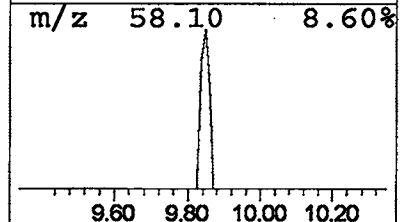
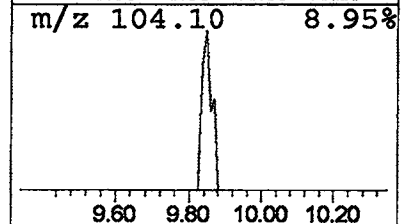
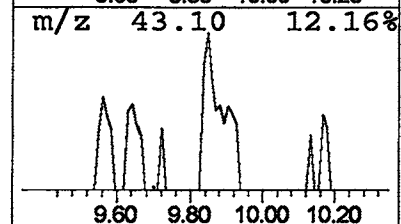
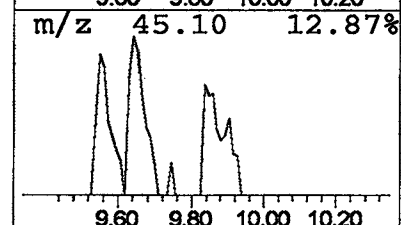
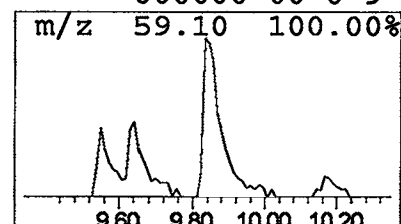
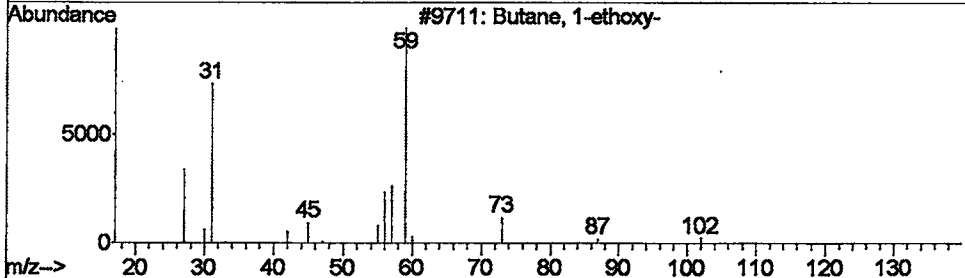
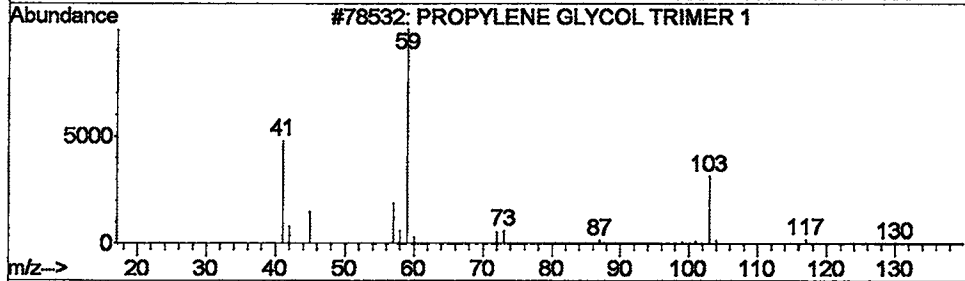
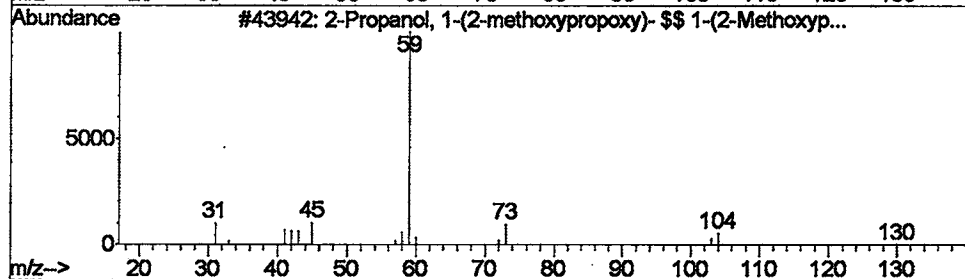
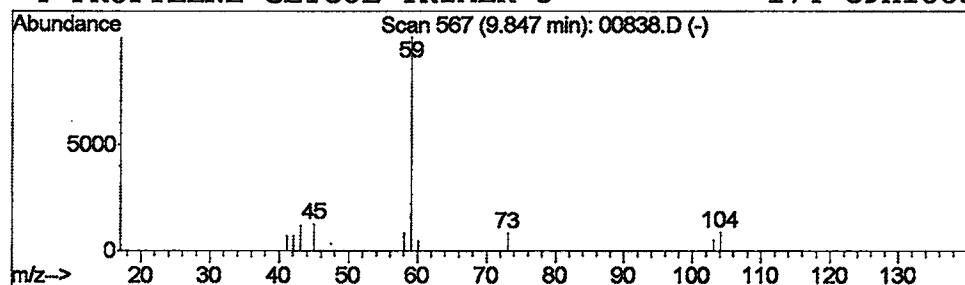
Title : 508 scan method

Library : C:\DATABASE\WILEY7N.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	0.19 ug/L	72767	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	74
3			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4			PROPYLENE GLYCOL TRIMER 3	174	C9H18O3	000000-00-0	9



Library Search Compound Report

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

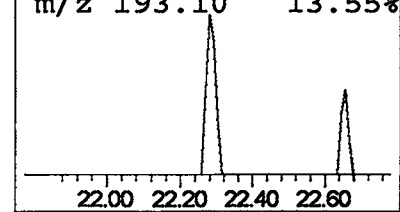
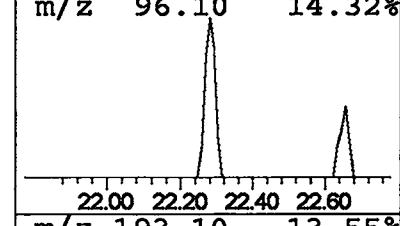
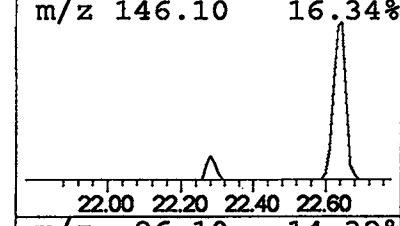
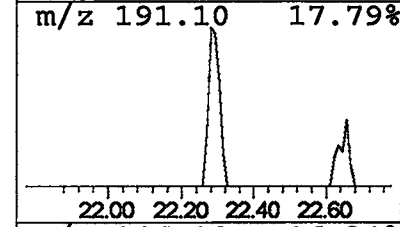
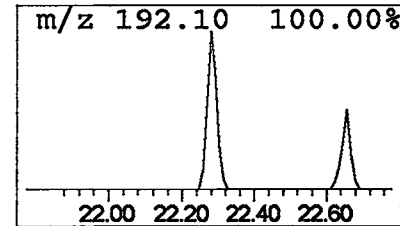
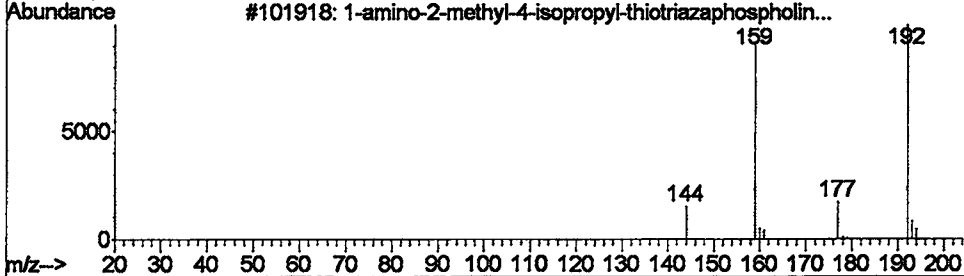
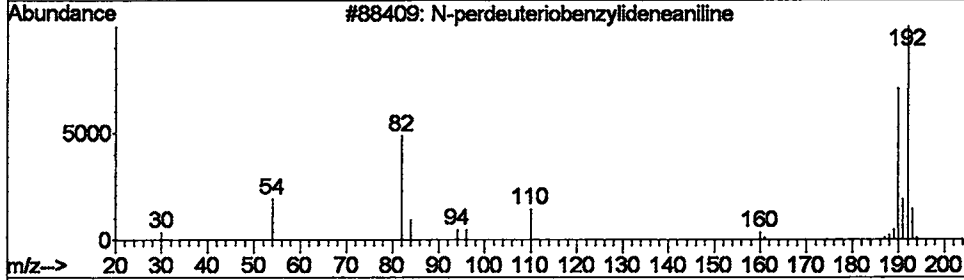
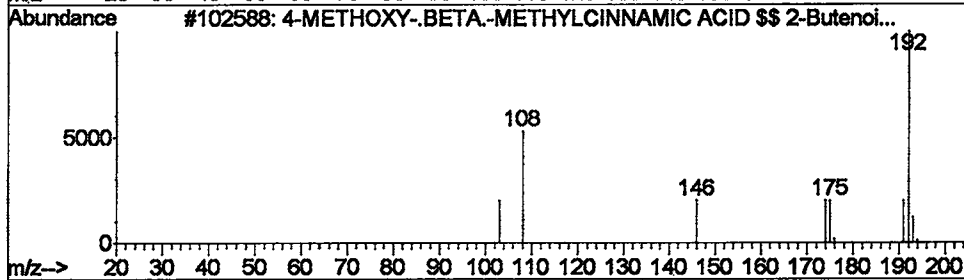
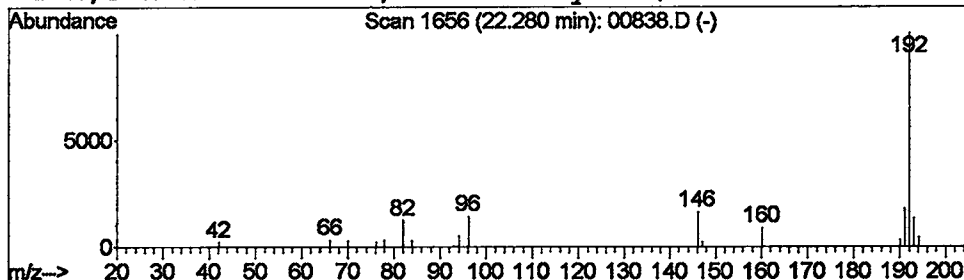
Vial: 7
 Operator:
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 3 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.14 ug/L	88331	Phenanthrene-d10	22.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	78
2			N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	59
3			1-amino-2-methyl-4-isopropyl-thi...	192	C5H13N4PS	107264-54-0	50
4			1,3-Benzodioxole, 4-methoxy-6-(2...	192	C11H12O3	000607-91-0	50



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

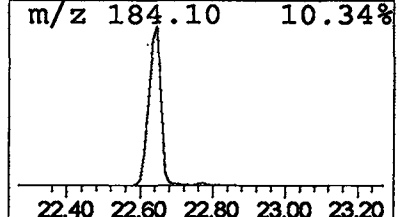
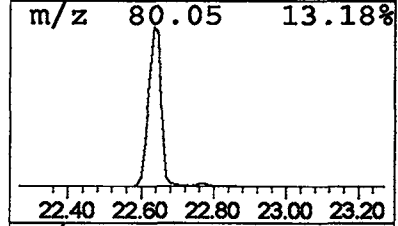
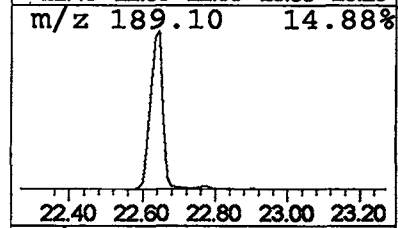
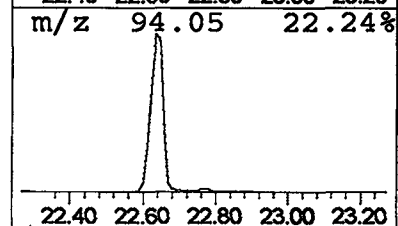
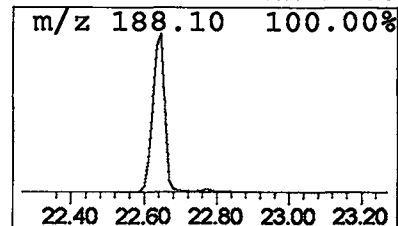
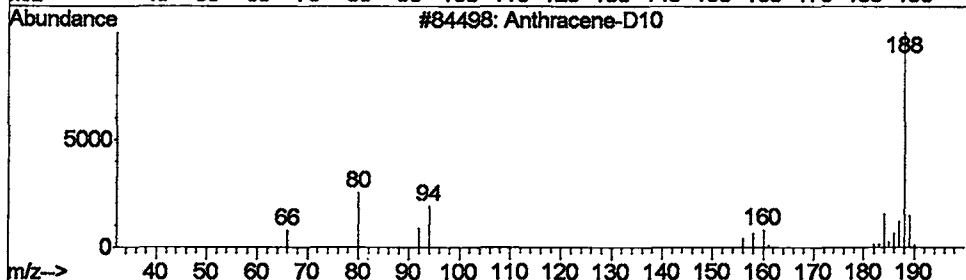
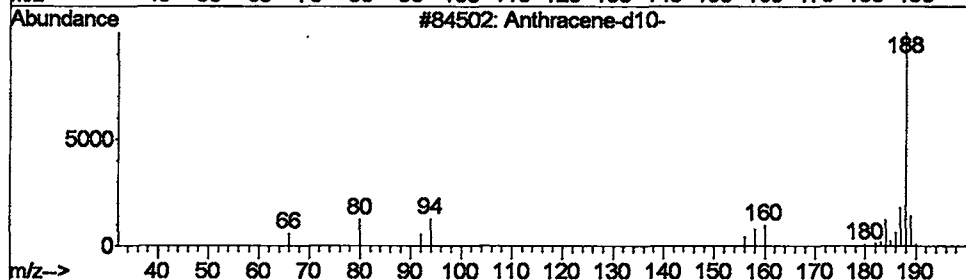
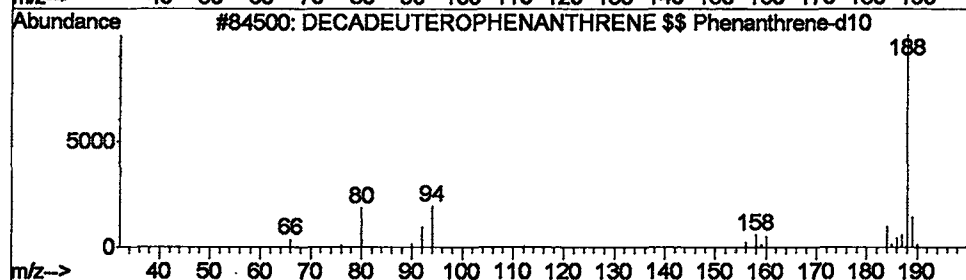
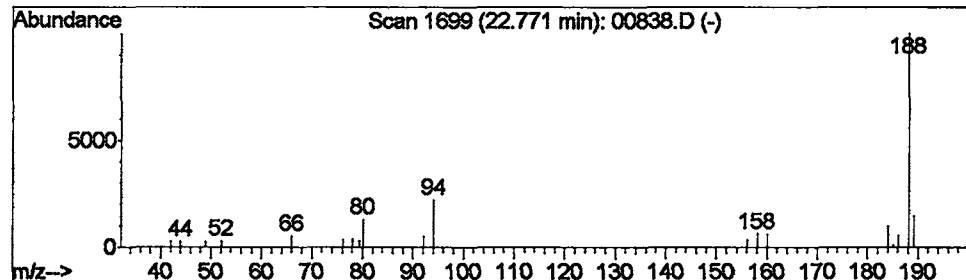
Vial: 7
Operator:
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 4 DECADEUTEROPHENANTHRENE \$\$... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.36 ug/L	224848	Phenanthrene-d10	22.65

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE	\$\$ Phena...	188	C14D10	001517-22-2	91
2	Anthracene-d10-		188	C14D10	001719-06-8	87
3	Anthracene-D10		188	C14D10	000000-00-0	50
4	Phenanthrene-d10		188	C14D10	001517-22-2	50



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Jan 2002 7:54 pm
Data File: C:\MSDCHEM\1\5973N\02JAN23\00838.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...	3.61	0.1	ug/L	47281	1	9.71	7720070	20.0
2-Propanol, 1-(2-...	9.85	0.2	ug/L	72767	1	9.71	7720070	20.0
4-METHOXY-BETA-...	22.28	0.1	ug/L	88331	4	22.65	12538300	20.0
DECADEUTEROPHENAN...	22.77	0.4	ug/L	224848	4	22.65	12538300	20.0