

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/20/2002 Time: 09:53:54

Sample: AE10236
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/20/02 09:52 Ended: 5/20/02 09:52 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		78		10.0

Comments for Sample AE10236 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-20-2002 Time: 09:54:38

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020509\10236.D
 Acq On : 9 May 2002 11:28 pm
 Sample : sample
 Misc :
 MS Integration Params: lscint.e
 Quant Time: May 10 08:18:22 2002

Vial: 14
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Results File: SCAN020507.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Last Update : Thu May 09 09:21:01 2002
 Response via : Initial Calibration
 DataAcq Meth : 508SCAN1

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	11.38	152	518968	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1988978	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	1074735	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1813898	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1451617	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	919608	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.54	207	67221	7.83	ug/l	-0.04
Spiked Amount	10.000		Recovery	=	78.30%	

Target Compounds

35) Di-n-butylphthalate	34.80	149	8092	0.14	ug/l	Qvalue 92
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 10236.D SCAN020507.M Tue May 14 14:14:00 2002 Page 1

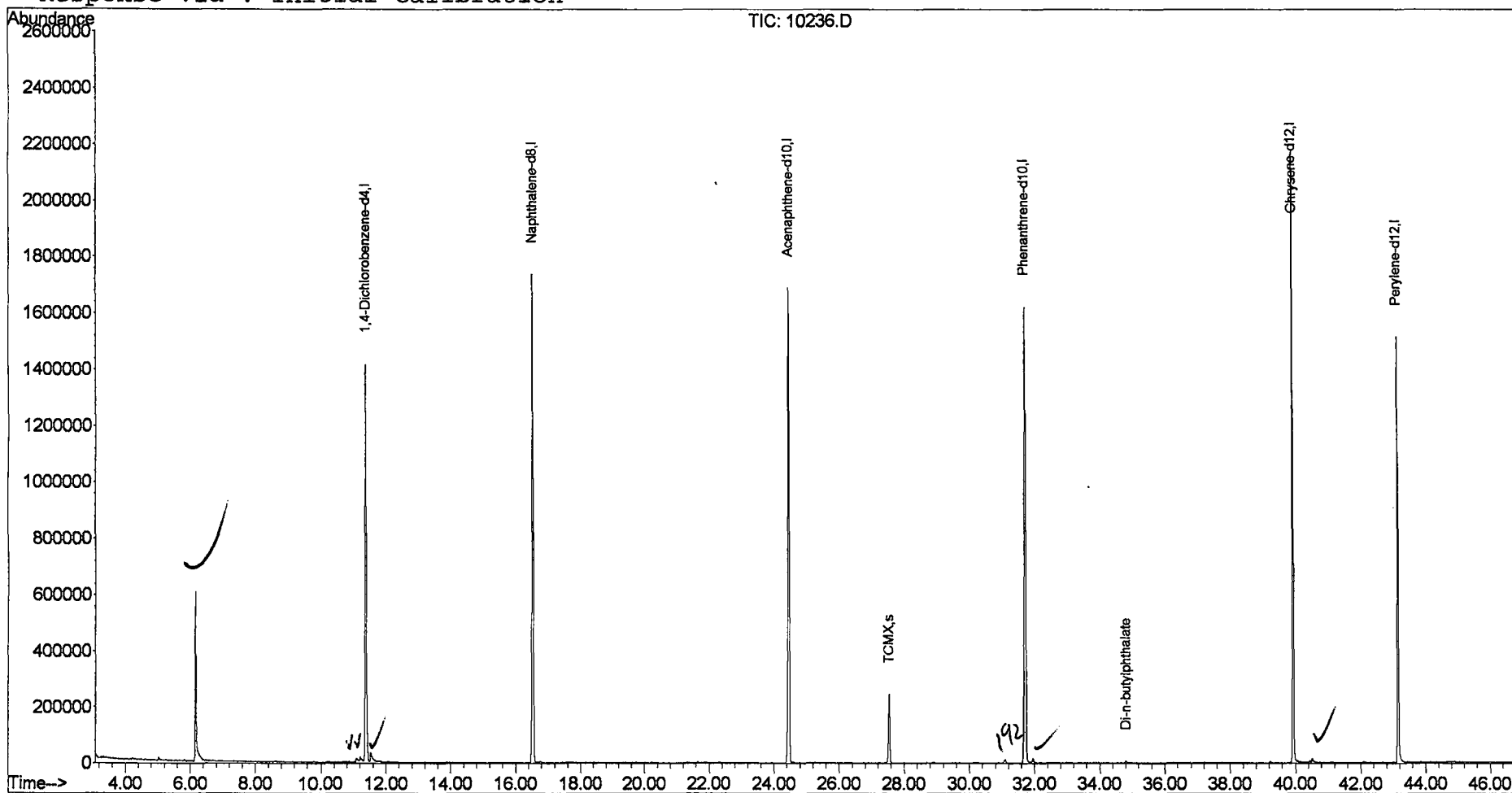
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020509\10236.D
 Acq On : 9 May 2002 11:28 pm
 Sample : sample
 Misc :
 MS Integration Params: lscint.e
 Quant Time: May 10 8:19 2002

Vial: 14
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Results File: SCAN020507.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Last Update : Thu May 09 09:21:01 2002
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020509\10236.D

Acq On : 9 May 2002 11:28 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 14

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)

Title : Method 508 GC/MS Scan

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0.7 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

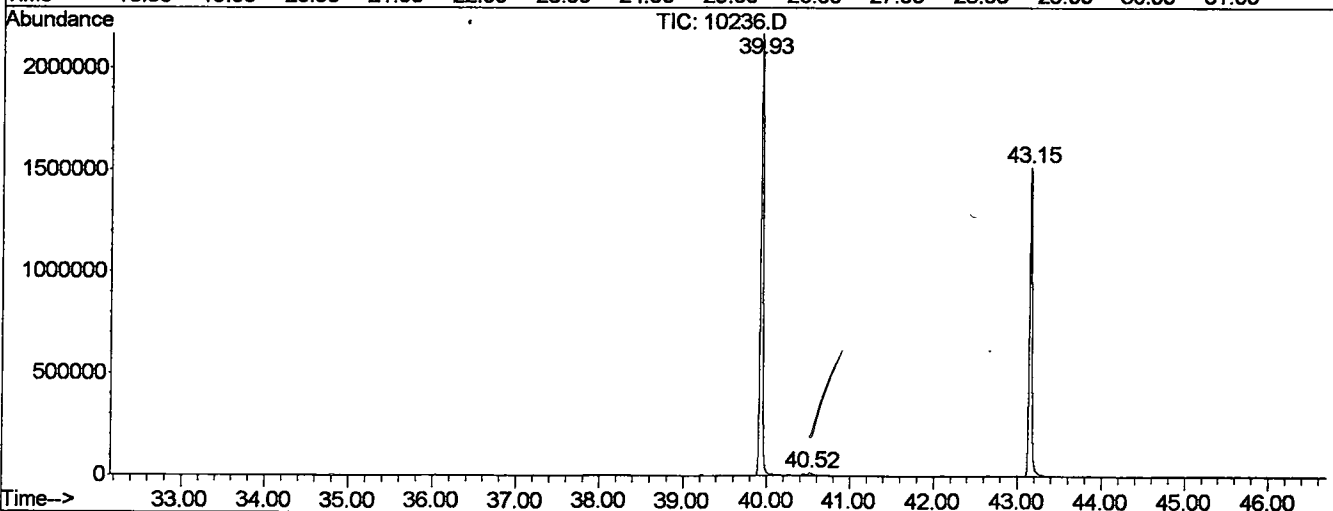
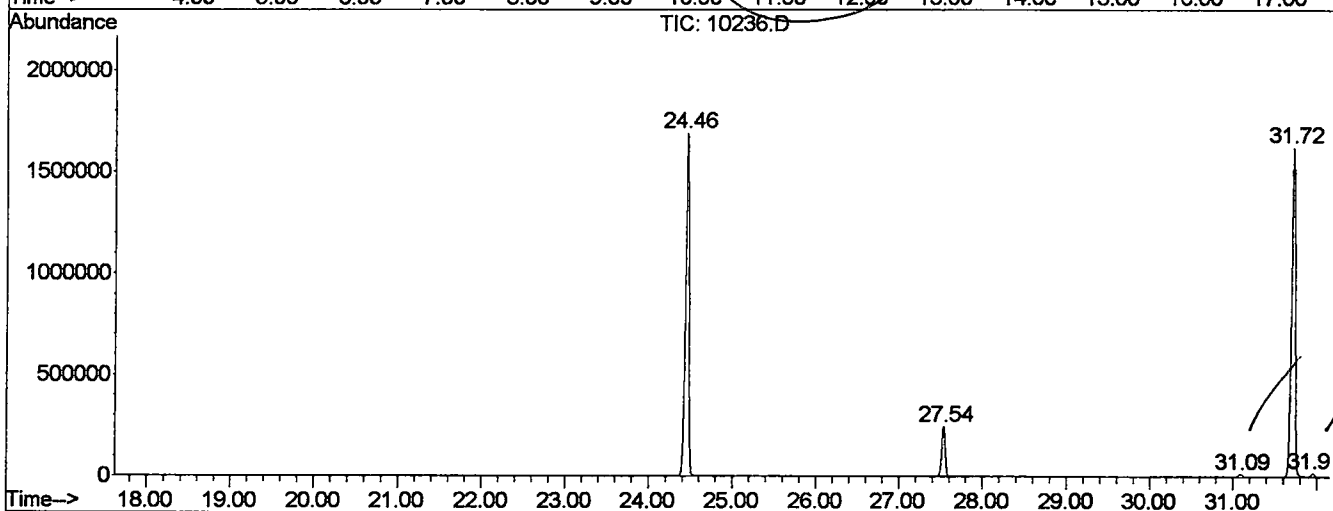
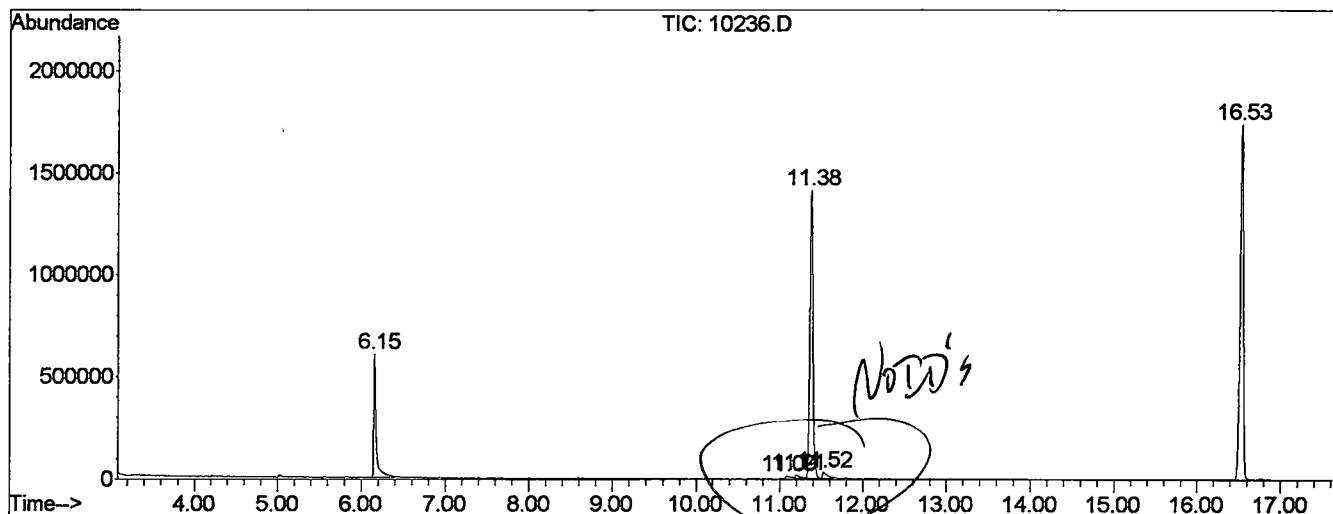
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.152	517	523	565	rBV	604557	1218659	23.90%	4.349%
2	11.088	1358	1363	1378	rBV5	13624	58169	1.14%	0.208%
3	11.205	1378	1383	1399	rVV4	16187	59432	1.17%	0.212%
4	11.376	1400	1412	1432	rVB	1410651	3612187	70.83%	12.892%
5	11.523	1432	1437	1457	rBV2	29563	114371	2.24%	0.408%
6	16.534	2273	2290	2305	rBV	1737080	4595107	90.11%	16.400%
7	24.461	3619	3639	3654	rBV2	1690762	4804067	94.21%	17.146%
8	27.539	4147	4163	4174	rBV3	245436	697632	13.68%	2.490%
9	31.088	4755	4767	4777	rVB5	14161	43790	0.86%	0.156%
10	31.717	4856	4874	4895	rBV4	1620906	5099510	100.00%	18.200%
11	31.952	4904	4914	4923	rVB4	15923	46164	0.91%	0.165%
12	39.931	6258	6272	6292	rBV2	2167182	4423260	86.74%	15.787%
13	40.518	6366	6372	6383	rBV5	14072	37625	0.74%	0.134%
14	43.151	6808	6820	6843	rBV2	1512008	3208804	62.92%	11.452%

Sum of corrected areas: 28018777

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020509\10236.D
 Operator : Nefliu
 Acquired : 9 May 2002 11:28 pm using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 14
 Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020509\10236.D
 Acq On : 9 May 2002 11:28 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

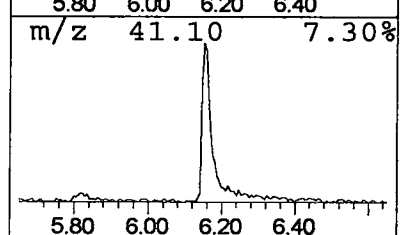
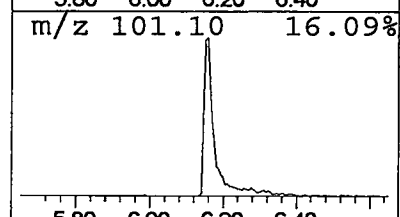
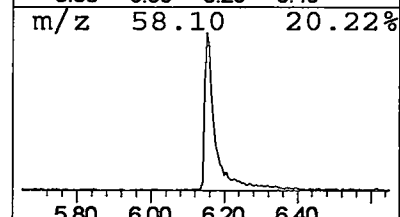
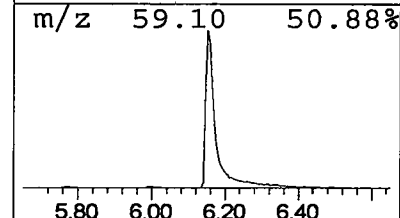
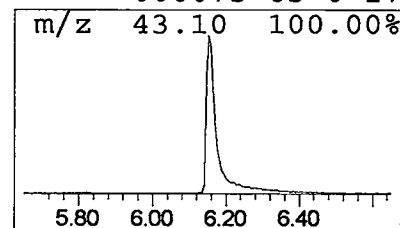
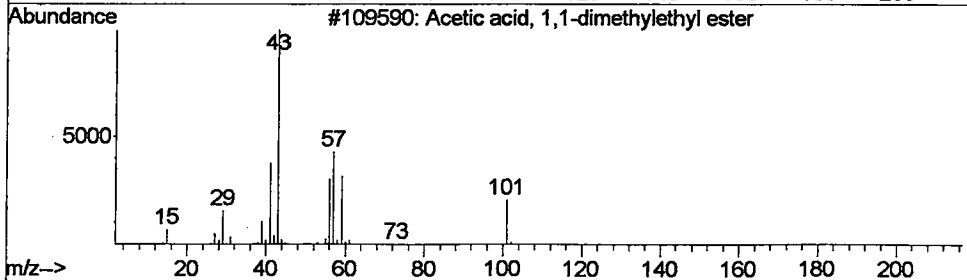
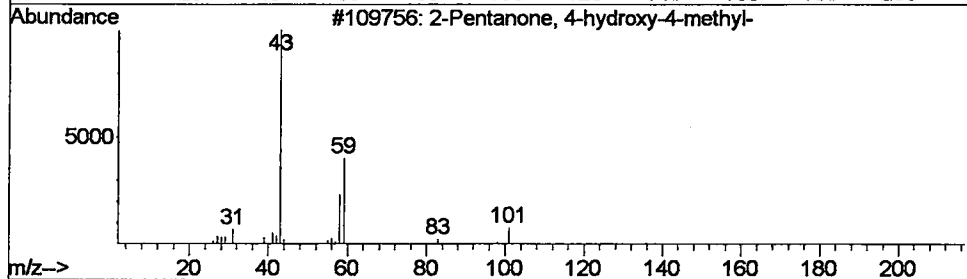
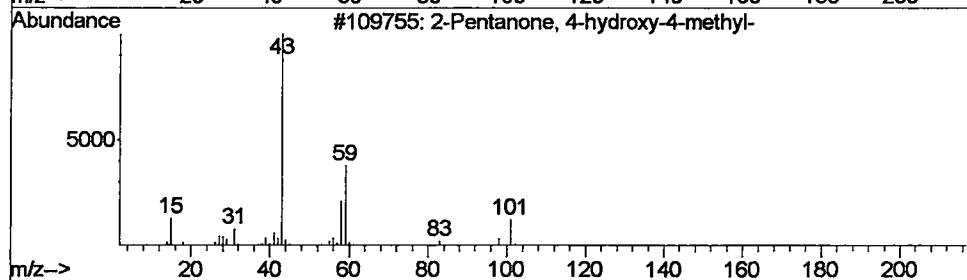
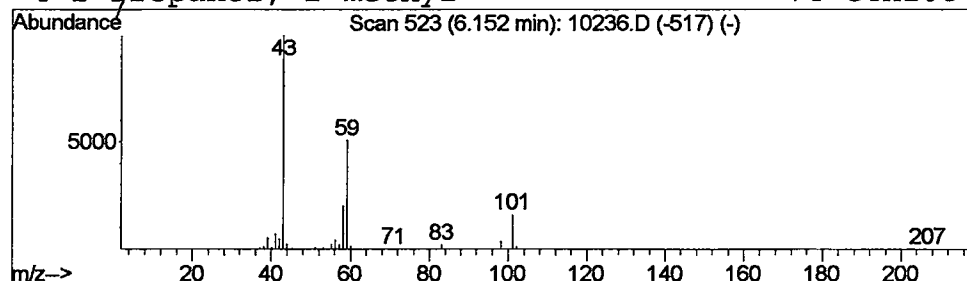
Vial: 14
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

 Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	13.49 ug/l	1218660	1,4-Dichlorobenzene-d4	11.38

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
4		2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17



Library Search Compound Report

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Acq On : 9 May 2002 11:28 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 14

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)

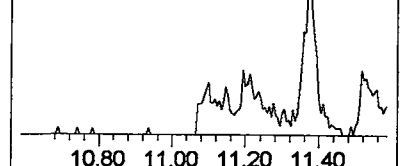
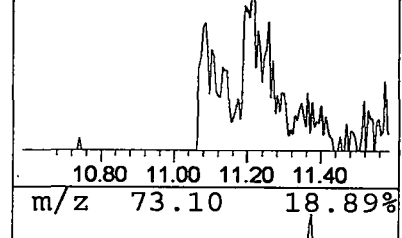
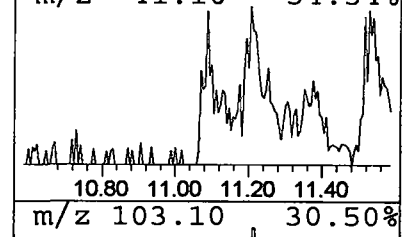
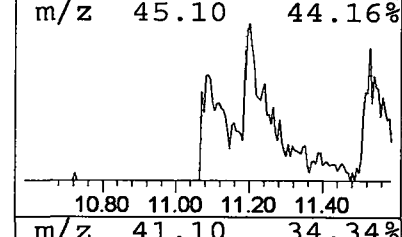
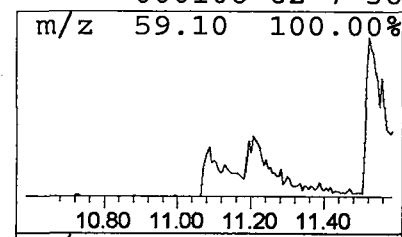
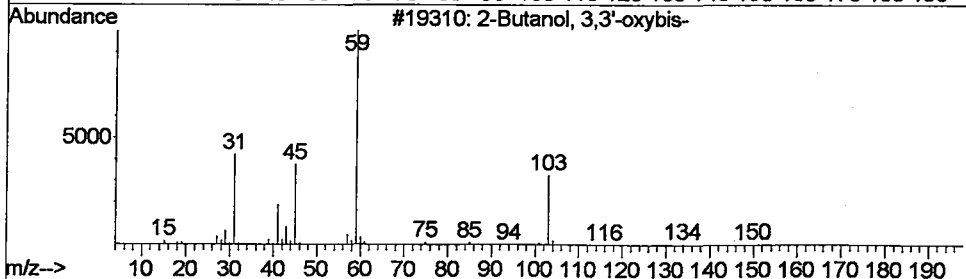
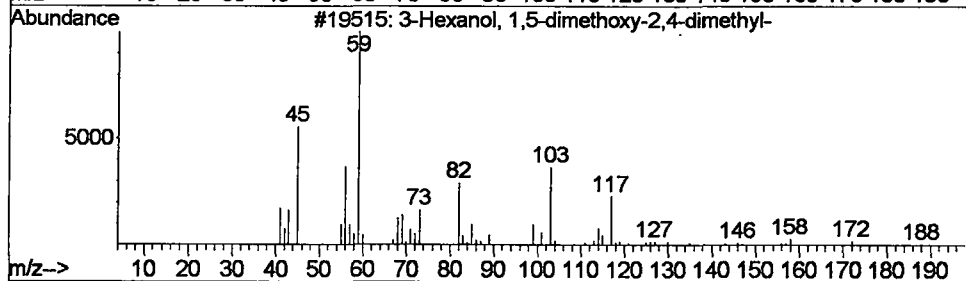
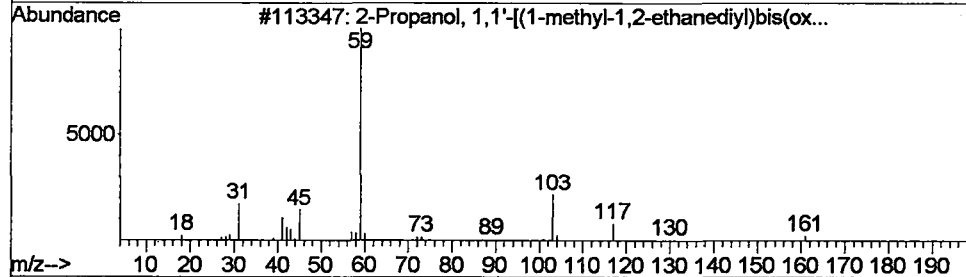
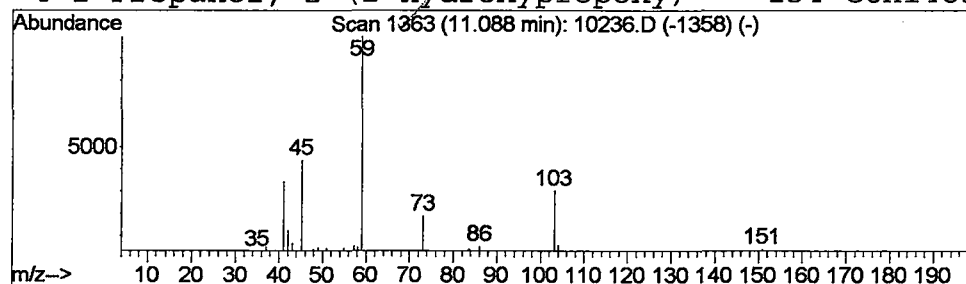
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 2 2-Propanol, 1,1'-[(1-methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	0.64 ug/l	58169	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	40
2			3-Hexanol, 1,5-dimethoxy-2,4-dim...	190	C10H22O3	013897-22-8	40
3			2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	39
4			1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	36



Library Search Compound Report

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Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 14

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)

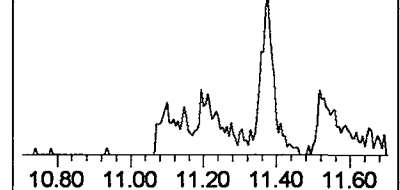
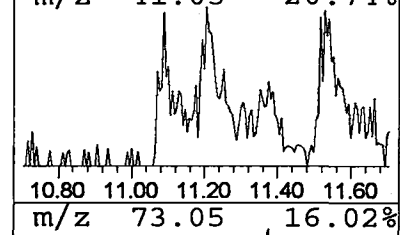
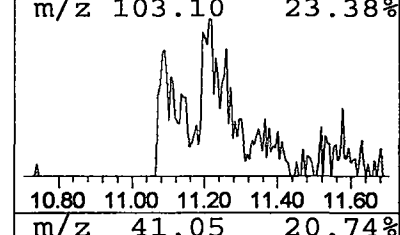
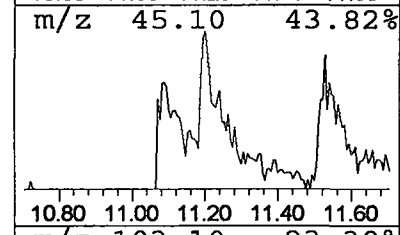
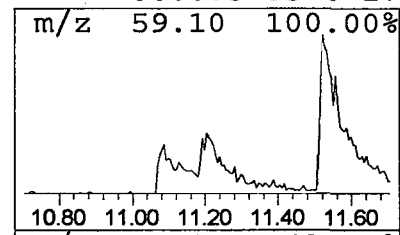
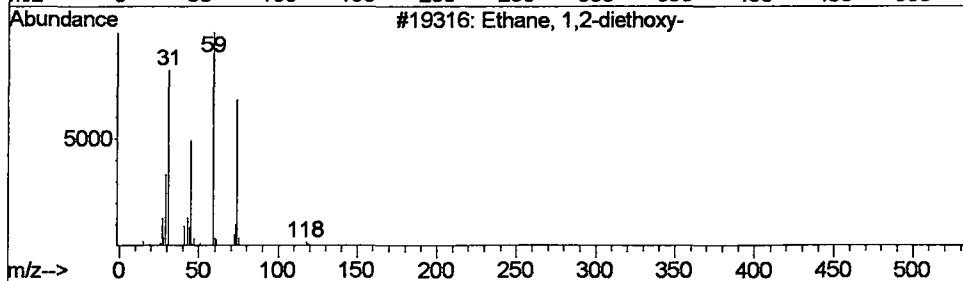
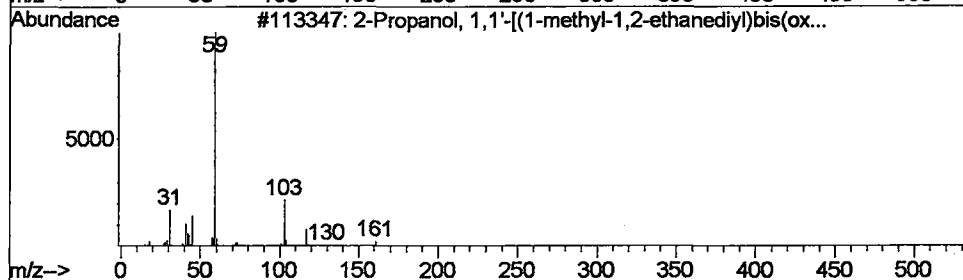
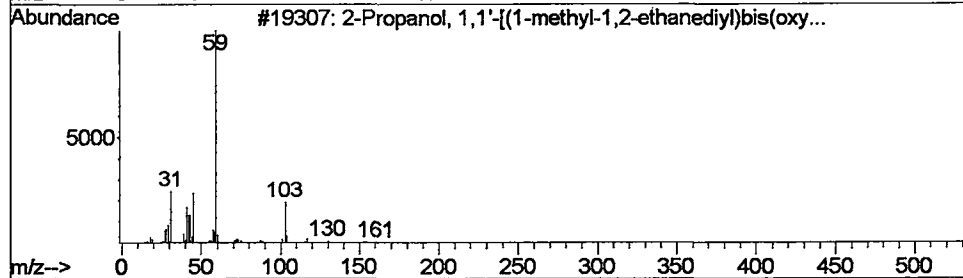
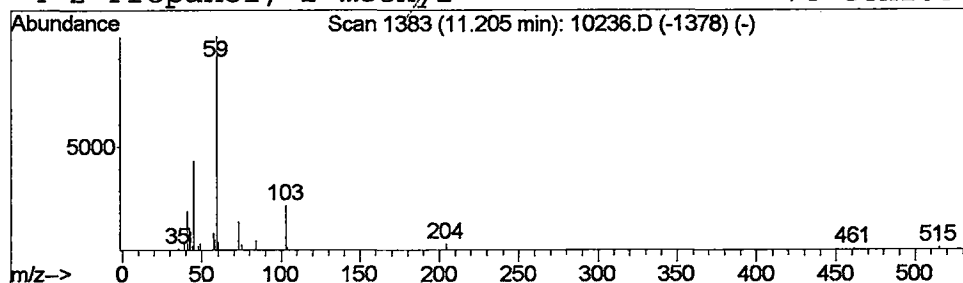
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\mist98.1

Peak Number 3 2-Propanol, 1,1'-[(1-methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	0.66 ug/l	59432	1,4-Dichlorobenzene-d4	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	47
2		2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	38
3		Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	36
4		2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020509\10236.D
 Acq On : 9 May 2002 11:28 pm
 Sample : sample
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 MS Integration Params: rteint.e

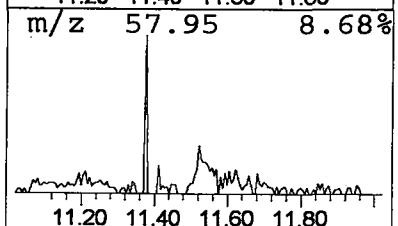
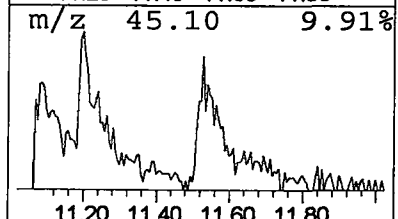
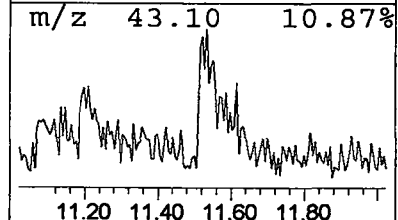
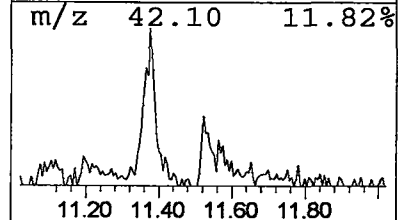
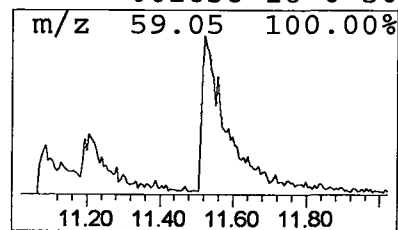
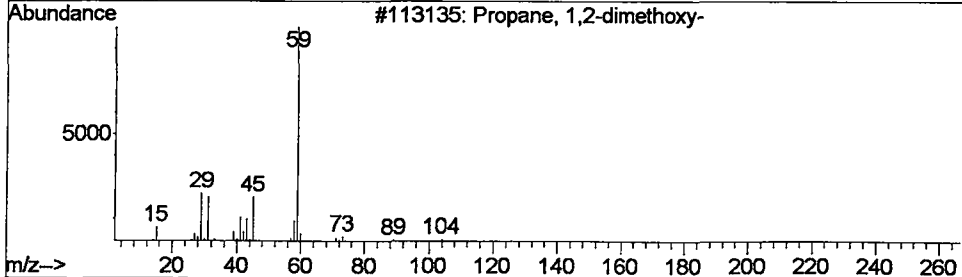
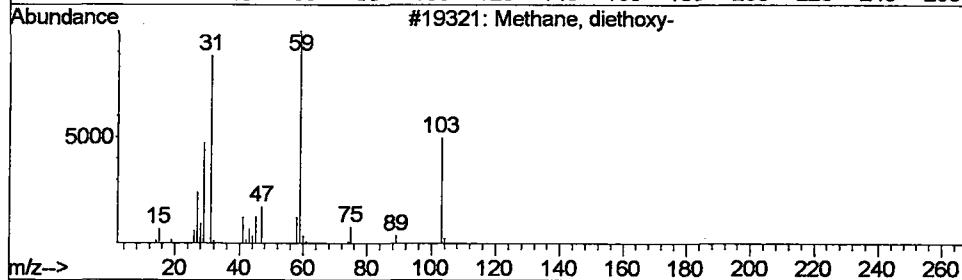
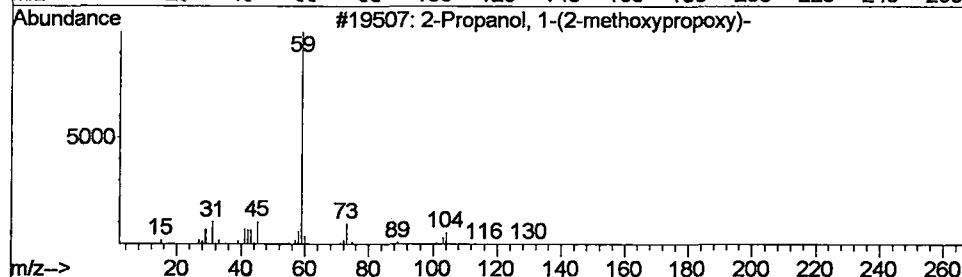
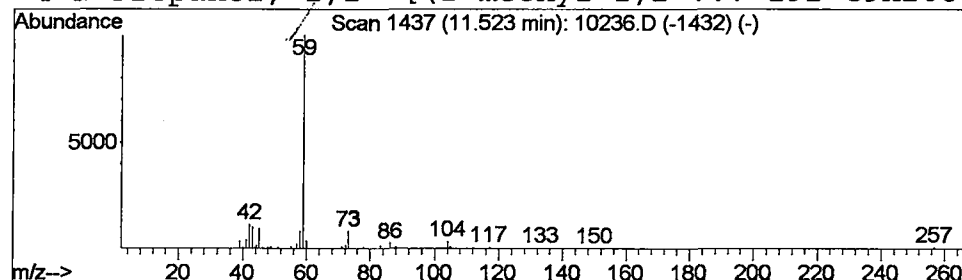
Vial: 14
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

 Peak Number 4 2-Propanol, 1-(2-methoxypro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	1.27 ug/l	114371	1,4-Dichlorobenzene-d4	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	72
2		Methane, diethoxy-	104	C5H12O2	000462-95-3	59
3		Propane, 1,2-dimethoxy-	104	C5H12O2	007778-85-0	50
4		2-Propanol, 1,1'-[(1-methyl-1,2-...]	192	C9H20O4	001638-16-0	50



Library Search Compound Report

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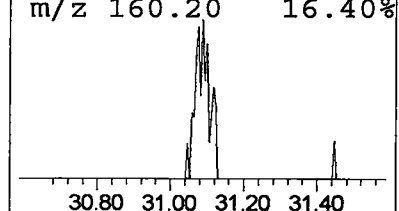
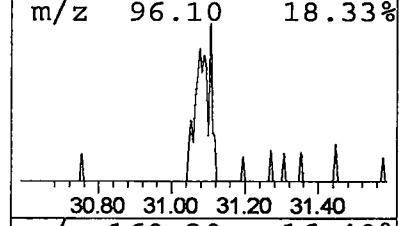
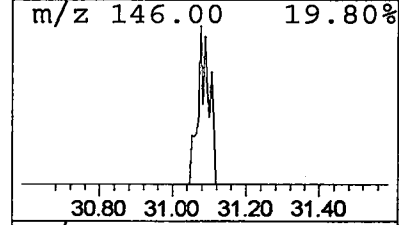
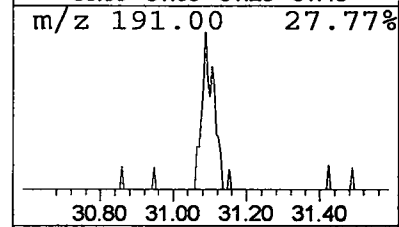
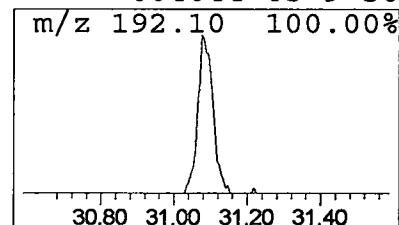
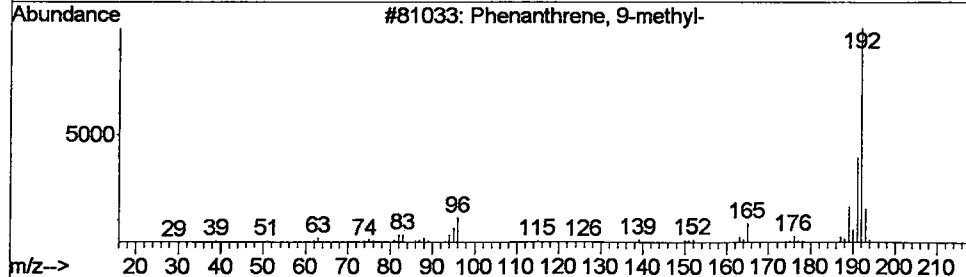
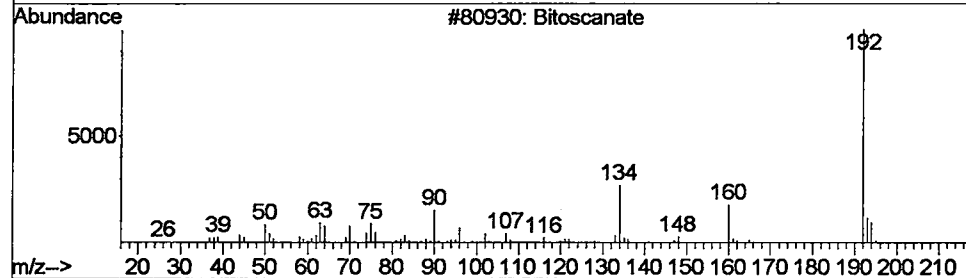
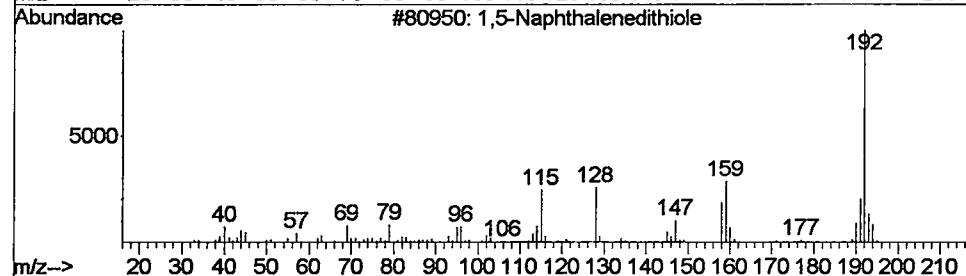
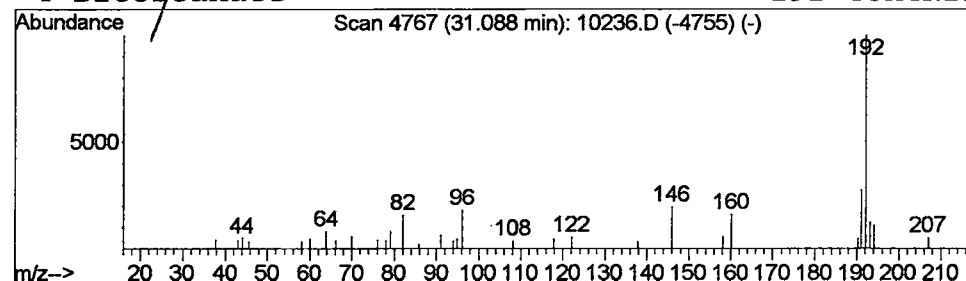
Vial: 14
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.l

 Peak Number 5 1,5-Naphthalenedithiole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.34 ug/l	43790	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	53	
2	Bitoscanate	192	C8H4N2S2	004044-65-9	52	
3	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	52	
4	Bitoscanate	192	C8H4N2S2	004044-65-9	50	



Library Search Compound Report

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 Sample : sample
 Misc :
 MS Integration Params: rteint.e

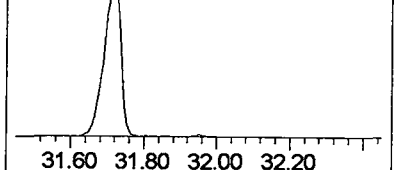
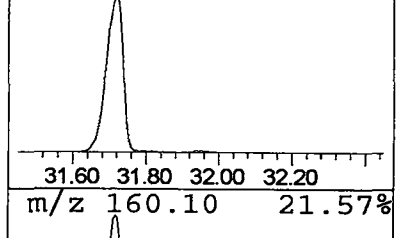
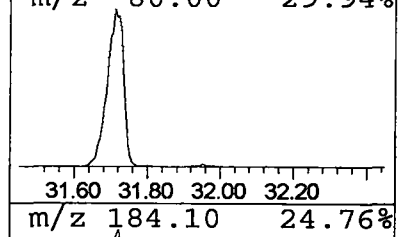
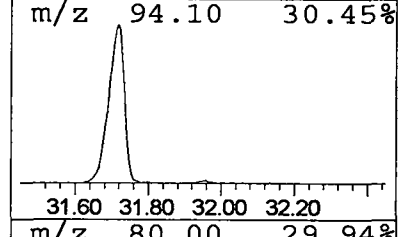
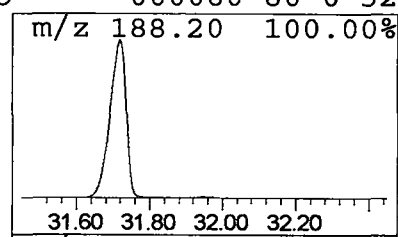
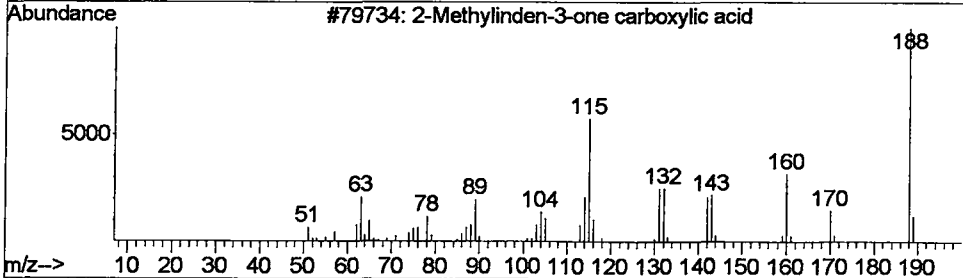
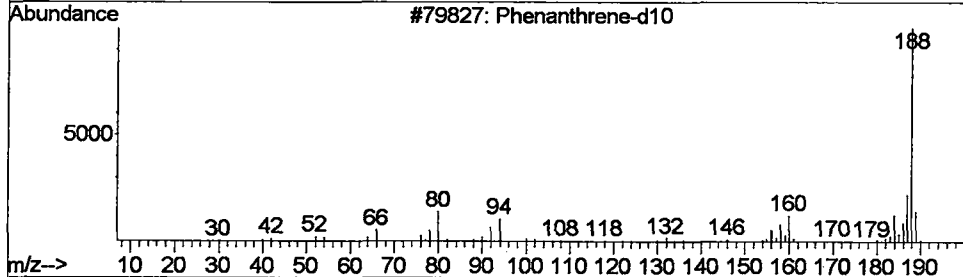
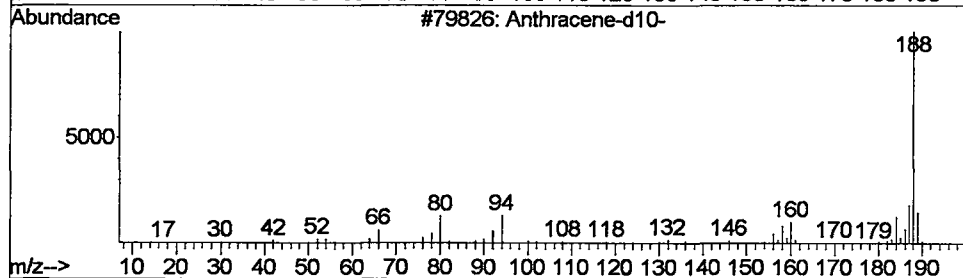
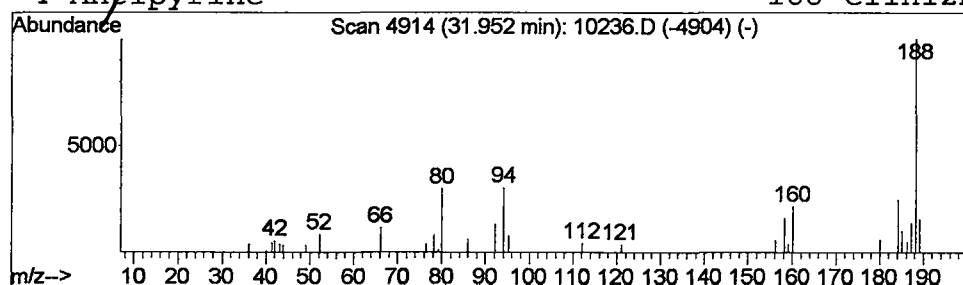
Vial: 14
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

 Peak Number 6 Anthracene-d10- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.36 ug/l	46164	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1	5	Anthracene-d10-	188	C14D10	001719-06-8	72
2		Phenanthrene-d10	188	C14D10	001517-22-2	43
3		2-Methylinden-3-one carboxylic acid	188	C11H8O3	1000214-94-6	32
4		Antipyrine	188	C11H12N2O	000060-80-0	32



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020509\10236.D

Acq On : 9 May 2002 11:28 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 14

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)

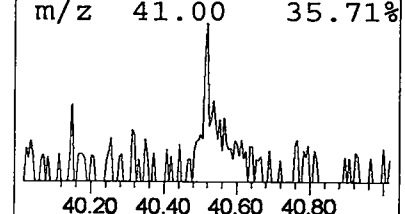
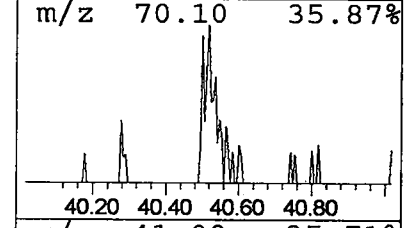
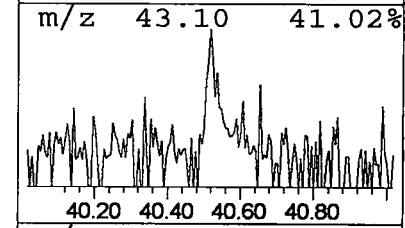
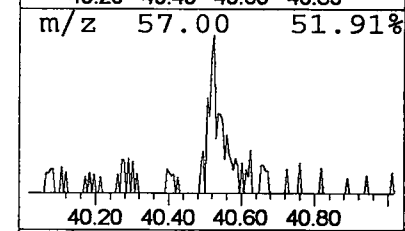
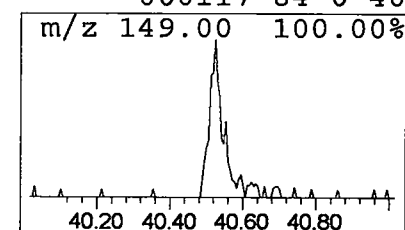
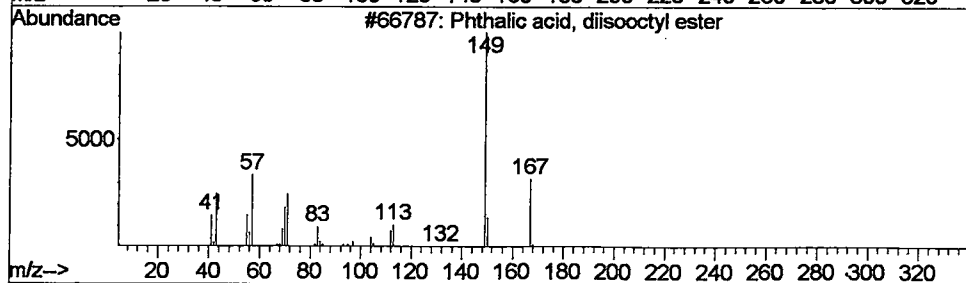
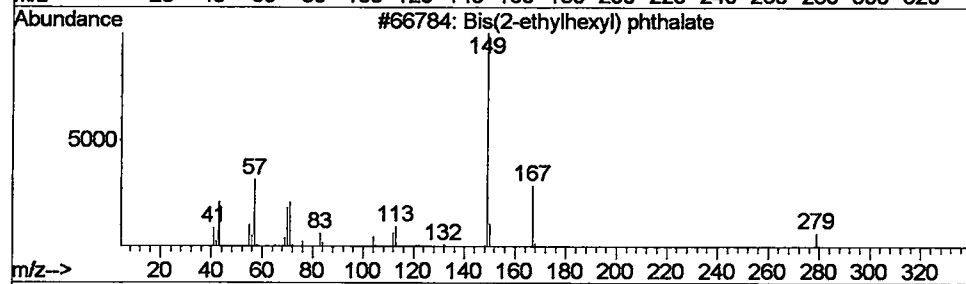
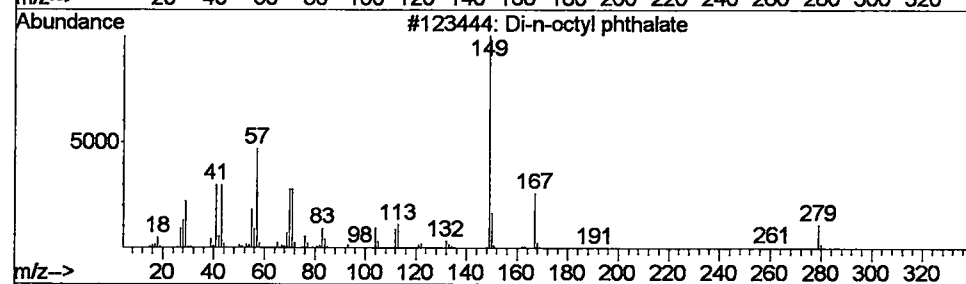
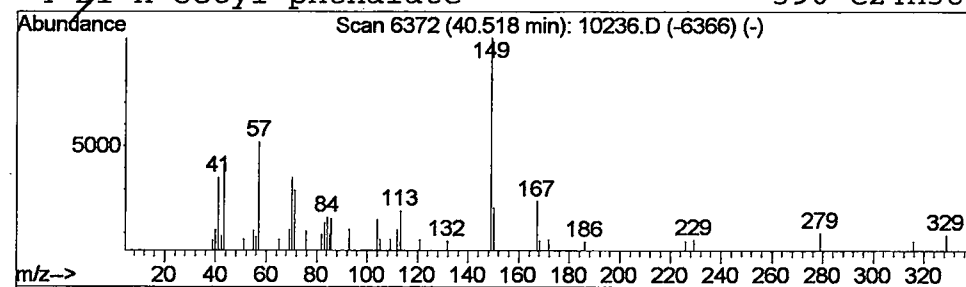
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 7 Di-n-octyl phthalate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.52	0.34 ug/l	37625	Chrysene-d12	39.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Di-n-octyl phthalate	390	C24H38O4	000117-84-0	72
2			Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	45
3			Phthalic acid, diisooctyl ester	390	C24H38O4	001330-91-2	42
4			Di-n-octyl phthalate	390	C24H38O4	000117-84-0	40



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 9 May 2002 11:28 pm
 Data File: C:\MSDCHEM\1\DATA\020509\10236.D
 Name: sample
 Misc:
 Method: C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title: Method 508 GC/MS Scan
 Library Searched: C:\DATABASE\nist98.1

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard---			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	6.15	13.5	ug/l	1218660	1	11.38	3612190	40.0
2-Propanol, 1,1'-...	11.09	0.6	ug/l	58169	1	11.38	3612190	40.0
2-Propanol, 1,1'-...	11.21	0.7	ug/l	59432	1	11.38	3612190	40.0
2-Propanol, 1-(2-...	11.52	1.3	ug/l	114371	1	11.38	3612190	40.0
1,5-Naphthalenedi...	31.09	0.3	ug/l	43790	4	31.72	5099510	40.0
Anthracene d10	31.95	0.4	ug/l	46164	4	31.72	5099510	40.0
Di-n-octyl phthalate	40.52	0.3	ug/l	37625	5	39.93	4423260	40.0

bis (2-ethylhexyl) phthalate

(NN)