

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/28/2002 Time: 08:42:15

Sample: AE10247
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/28/02 08:42 Ended: 5/28/02 08:42 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		82		10.0

Comments for Sample AE10247 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-28-2002 Time: 08:42:42

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\020516\10247.D Vial: 23
 Acq On : 17 May 2002 7:04 am Operator: Nefliu
 Sample : sample Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: rteint.e
 Quant Time: May 17 10:48:29 2002 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 16 14:49:15 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	338371	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1264260	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	674497	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1150658	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	864986	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	494007	40.00	ug/l	-0.03

System Monitoring Compounds
 27) TCMX 27.56 207 176759 32.81 ug/l -0.02
 Spiked Amount 40.000 Recovery = 82.03%

Target Compounds Qvalue

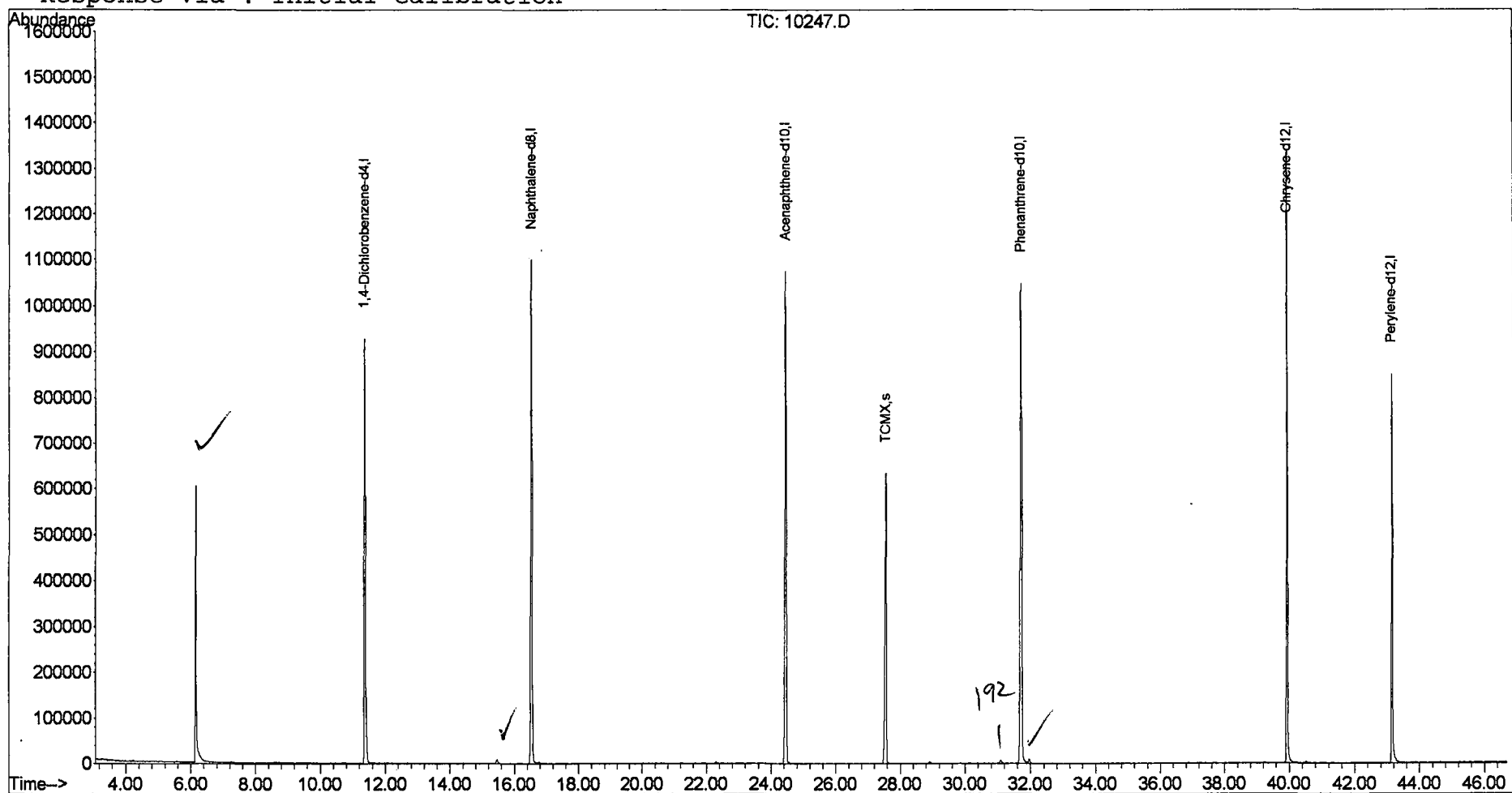
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020516\10247.D
Acq On : 17 May 2002 7:04 am
Sample : sample
Misc :
MS Integration Params: rteint.e
Quant Time: May 17 10:49 2002

Vial: 23
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 16 14:49:15 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020516\10247.D
 Acq On : 17 May 2002 7:04 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

Vial: 23
 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: 0.5 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

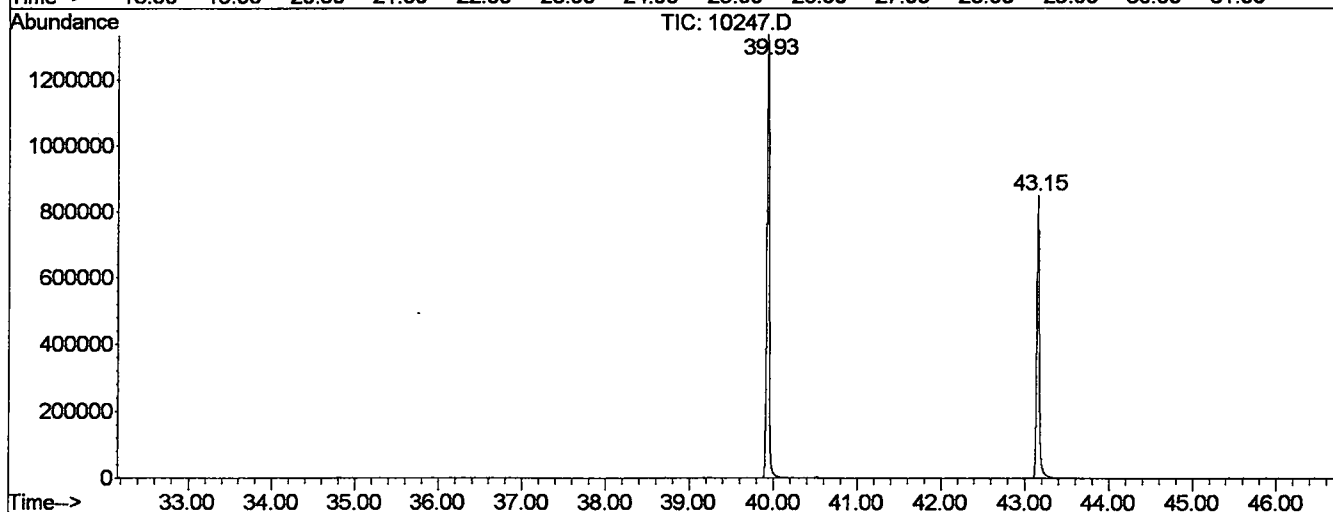
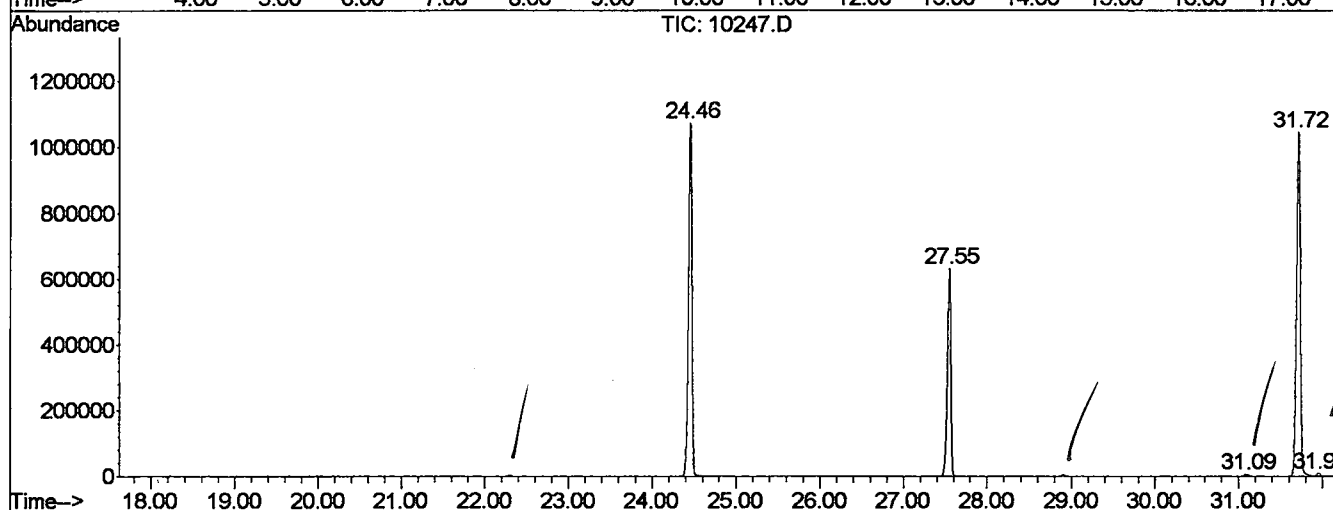
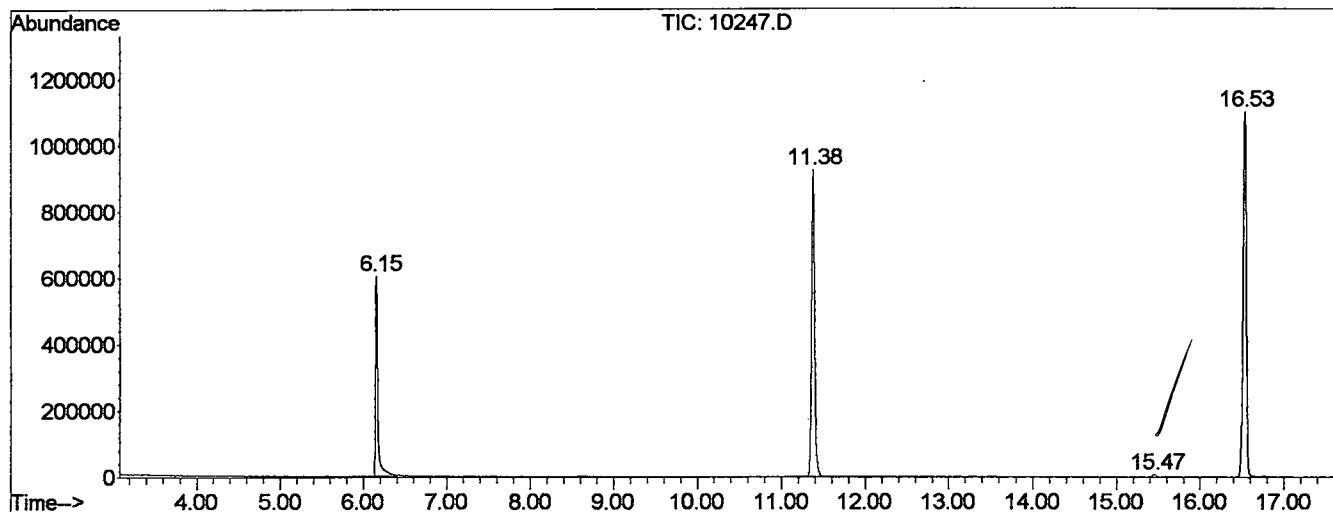
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.152	518	523	566	rBV	603017	1184421	36.53%	6.248%
2	11.376	1399	1412	1436	rBV	926266	2325952	71.74%	12.270%
3	15.465	2096	2108	2117	rVB3	8024	23125	0.71%	0.122%
4	16.534	2268	2290	2309	rBV	1100527	2937075	90.59%	15.494%
5	24.461	3622	3639	3652	rBV	1074925	3032541	93.53%	15.998%
6	27.551	4144	4165	4177	rBV2	633717	1818359	56.08%	9.593%
7	31.094	4759	4768	4781	rBV4	6598	22094	0.68%	0.117%
8	31.717	4857	4874	4899	rBV2	1047488	3242179	100.00%	17.104%
9	31.952	4907	4914	4924	rVB4	7636	22173	0.68%	0.117%
10	39.931	6255	6272	6295	rBV2	1334119	2640992	81.46%	13.932%
11	43.151	6810	6820	6842	rBV2	850166	1706769	52.64%	9.004%

Sum of corrected areas: 18955680

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020516\10247.D
 Operator : Nefliu
 Acquired : 17 May 2002 7:04 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 23
 Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10247.D
 Acq On : 17 May 2002 7:04 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

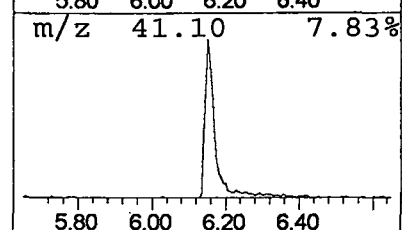
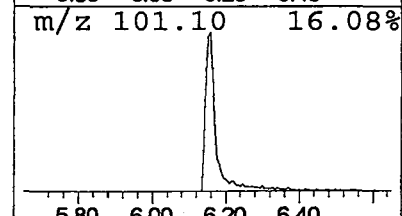
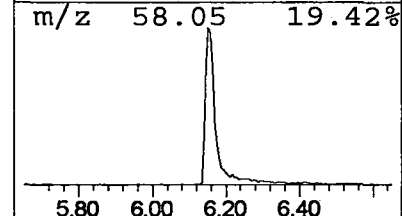
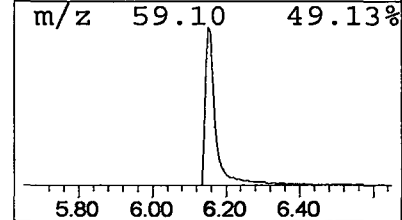
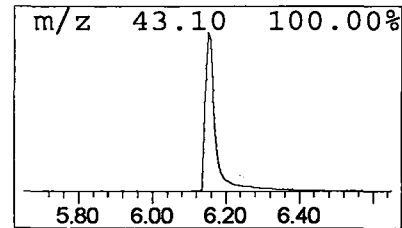
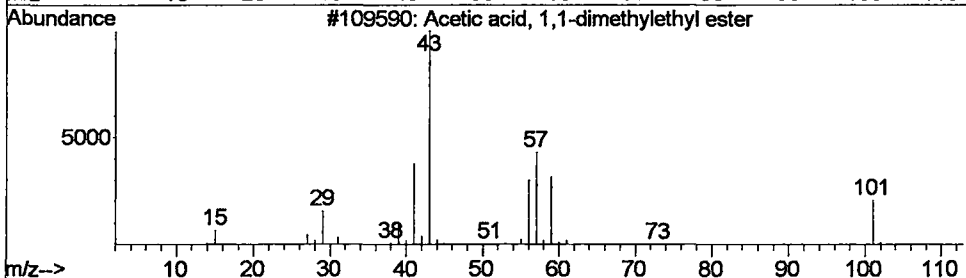
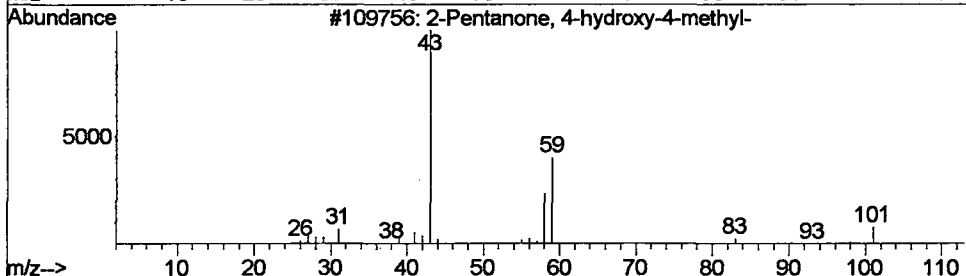
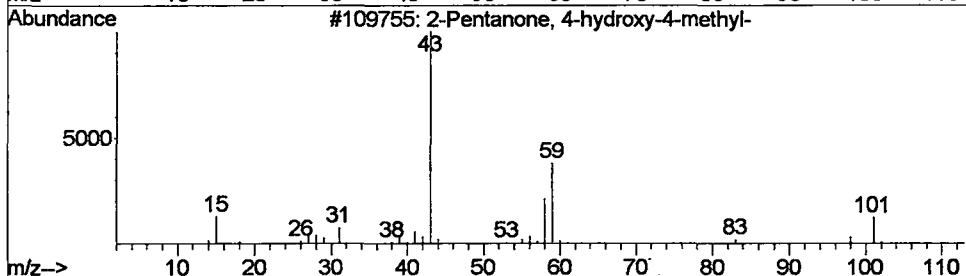
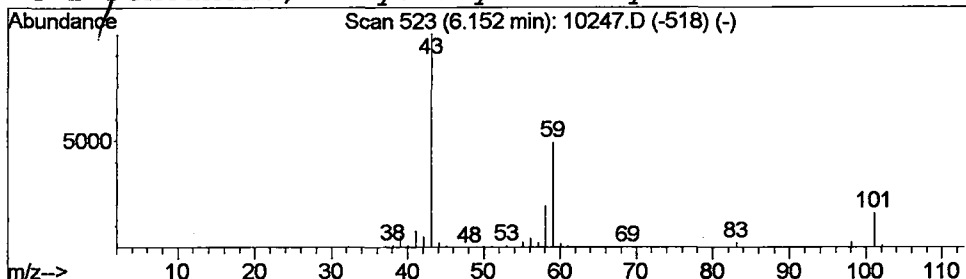
Vial: 23
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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	20.37 ug/l	1184420	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	45	
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42	
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25	
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25	



Library Search Compound Report

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Acq On : 17 May 2002 7:04 am
Sample : sample
Misc :
MS Integration Params: rteint.e

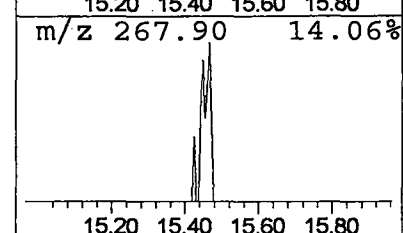
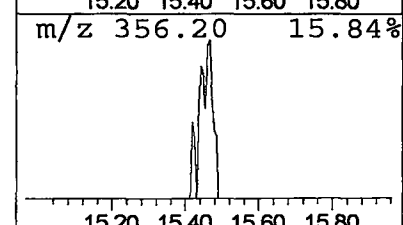
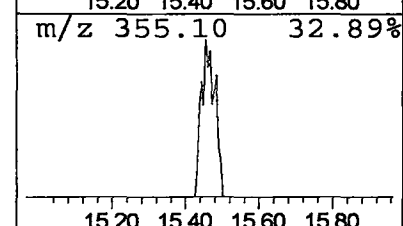
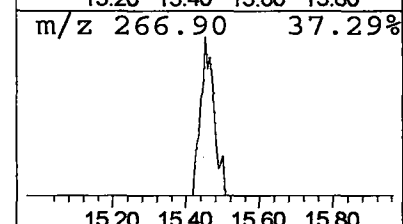
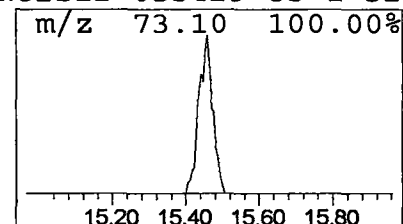
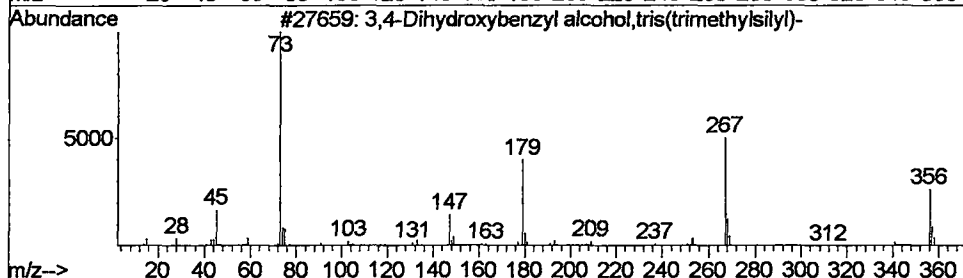
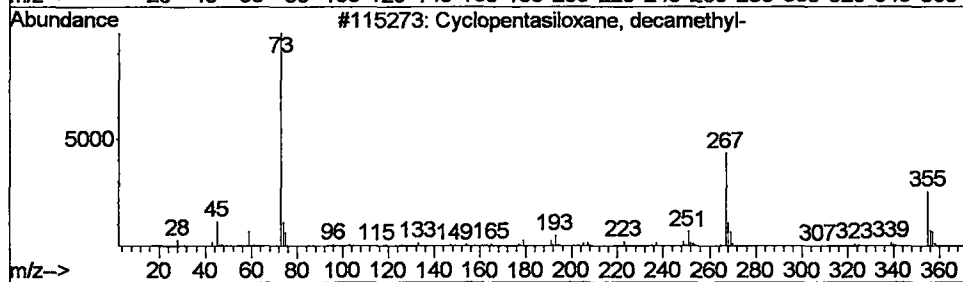
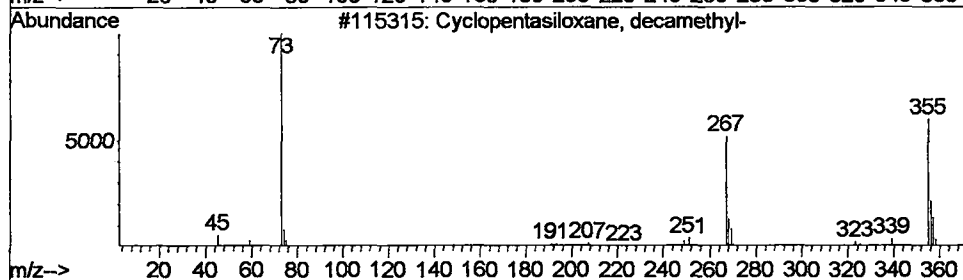
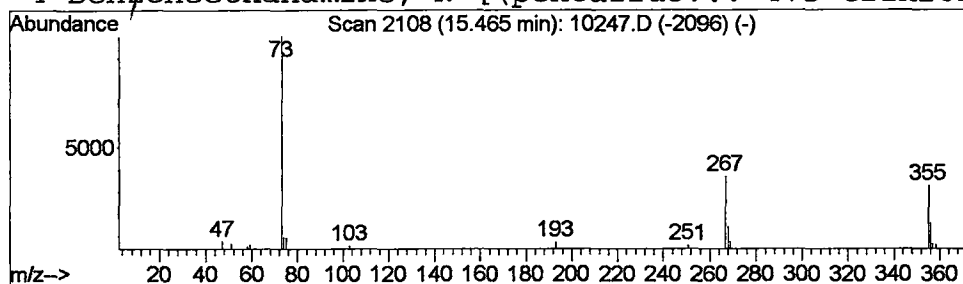
Vial: 23
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	0.31 ug/l	23125	Naphthalene-d8	16.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	72
2			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	72
3			3,4-Dihydroxybenzyl alcohol, tris...	356	C16H32O3Si3	068595-79-9	43
4			Benzeneethanamine, N-[(pentaflu...	475	C21H26F5NO2Si2	055429-85-1	32



Library Search Compound Report

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 Acq On : 17 May 2002 7:04 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

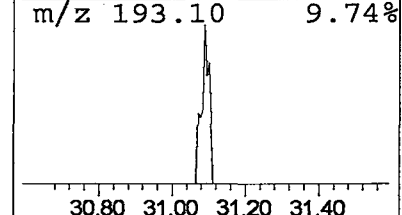
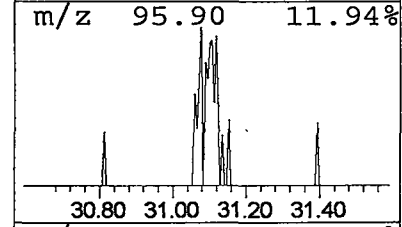
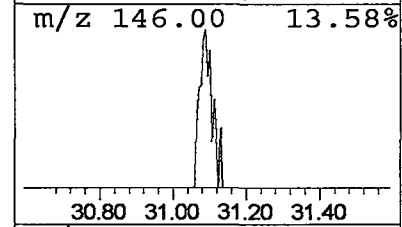
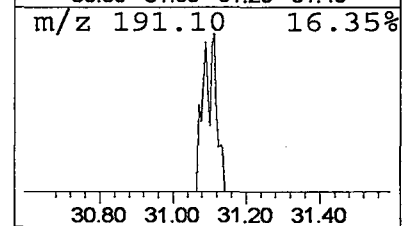
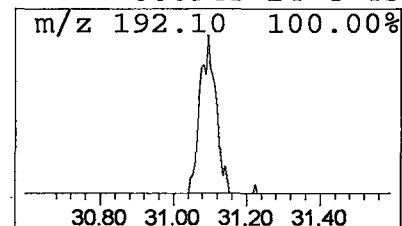
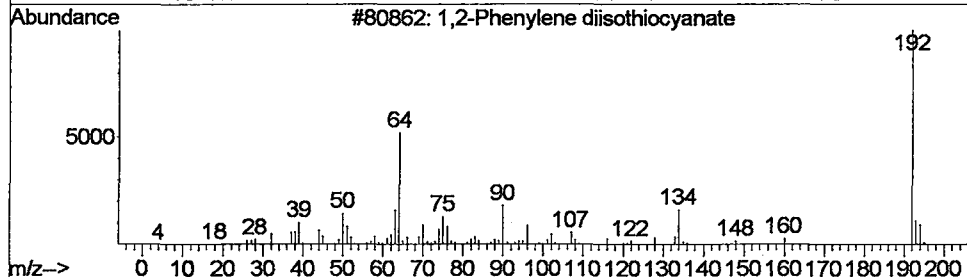
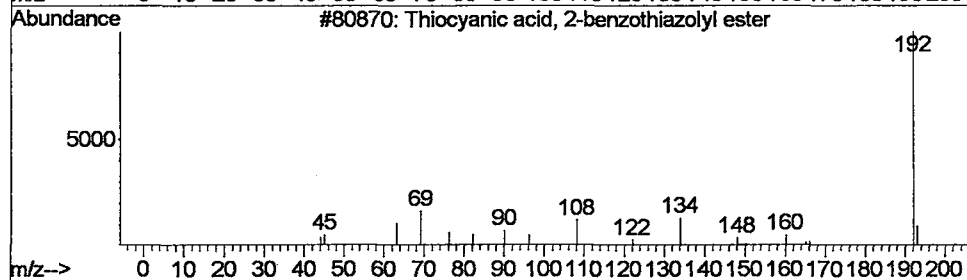
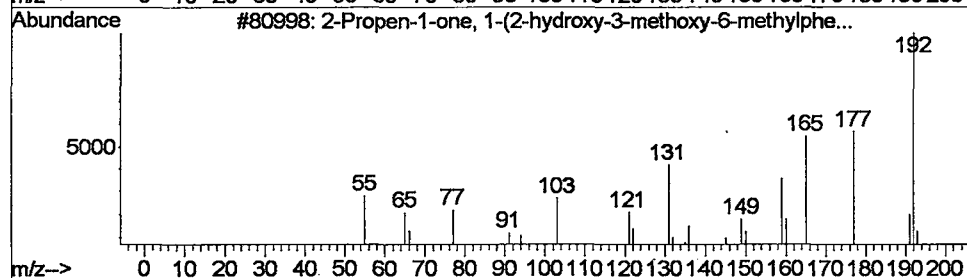
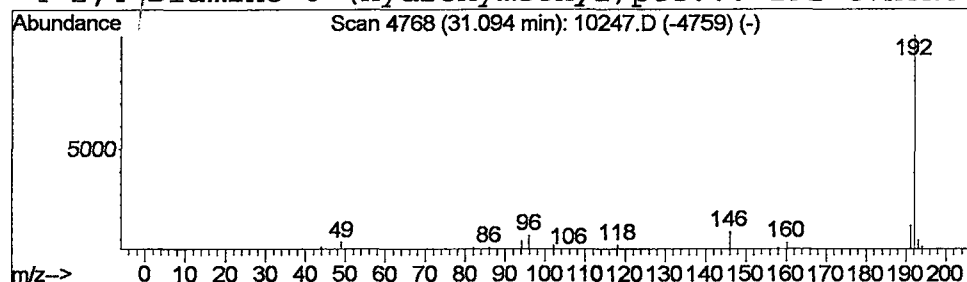
Vial: 23
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 3 2-Propen-1-one, 1-(2-hydrox... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.27 ug/l	22094	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Propen-1-one, 1-(2-hydroxy-3-m...	192	C11H12O3	040992-03-8	59
2		Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	53
3		1,2-Phenylene diisothiocyanate	192	C8H4N2S2	071105-17-4	53
4		2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	45



Library Search Compound Report

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 Sample : sample
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 MS Integration Params: rteint.e

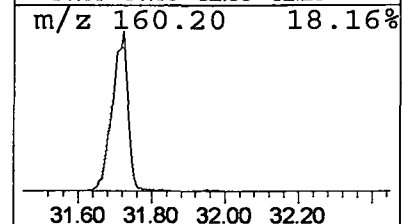
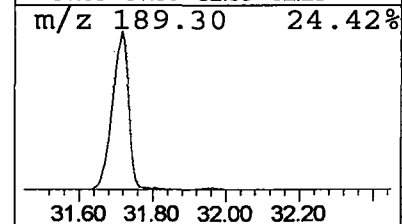
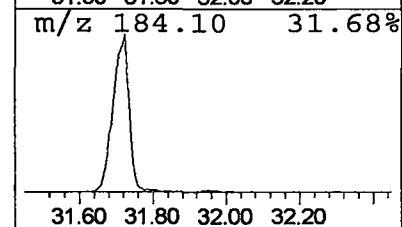
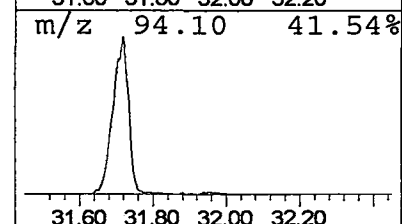
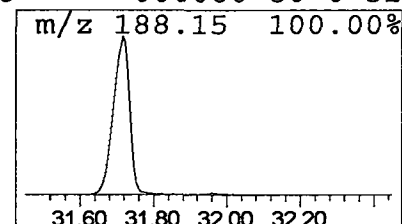
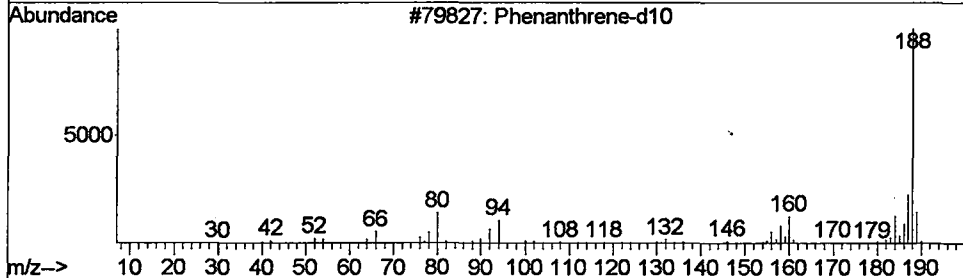
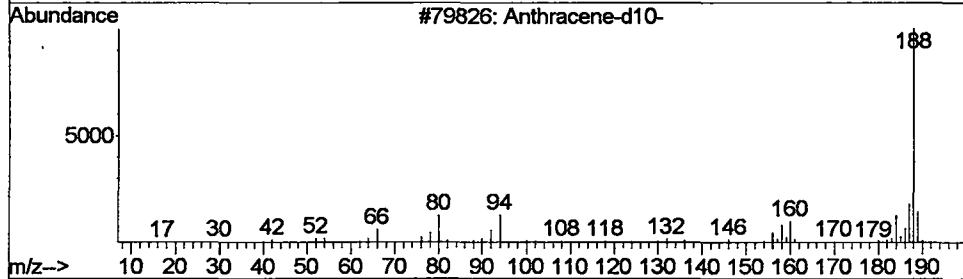
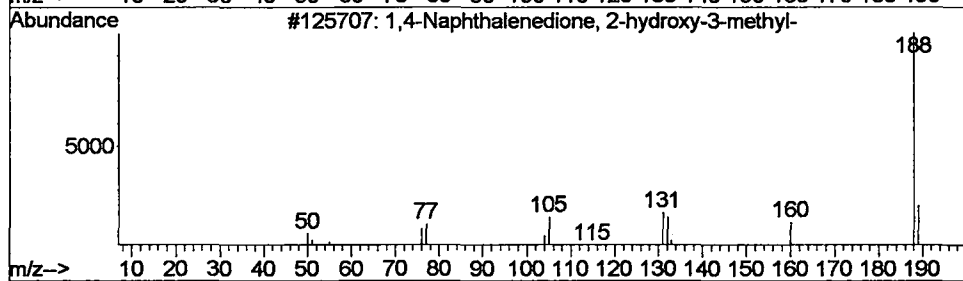
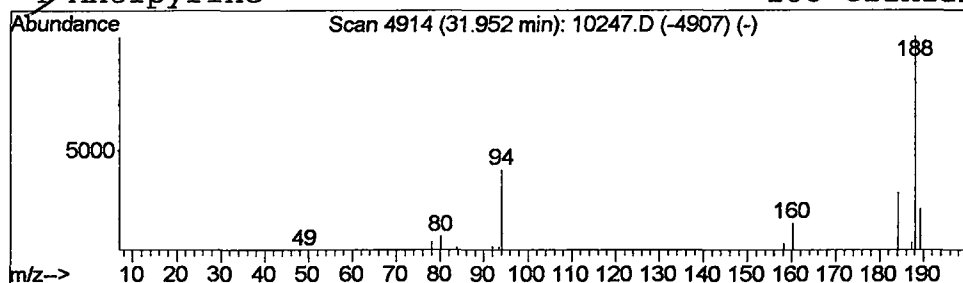
Vial: 23
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 4 1,4-Naphthalenedione, 2-hyd... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.27 ug/l	22173	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Naphthalenedione, 2-hydroxy-...	188	C11H8O3	000483-55-6	37
2		Anthracene-d10-	188	C14D10	001719-06-8	36
3		Phenanthrene-d10	188	C14D10	001517-22-2	36
4		Antipyrine	188	C11H12N2O	000060-80-0	32



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 17 May 2002 7:04 am
 Data File: C:\MSDCHEM\1\DATA\020516\10247.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	20.4	ug/l	1184420	1	11.38	2325950	40.0
Cyclopentasiloxan...	15.47	0.3	ug/l	23125	2	16.53	2937080	40.0
2-Propen-1-one, 1...	31.09	0.3	ug/l	22094	4	31.72	3242180	40.0
1,4-Naphthalenedi...	31.95	0.3	ug/l	22173	4	31.72	3242180	40.0
<i>Anthraxine dio</i>								