

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/28/2002 Time: 08:36:18

Sample: AE10244
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/28/02 08:35 Ended: 5/28/02 08:35 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		80		10.0

Comments for Sample AE10244 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L.

Date: 05-28-2002 Time: 08:36:47

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

Data File : C:\MSDCHEM\1\DATA\020516\10244.D

Vial: 20

Acq On : 17 May 2002 4:07 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

Quant Time: May 17 10:43:17 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	343252	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1284184	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	686016	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1174258	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	923963	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	543609	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.55	207	175924	32.10	ug/l	-0.02
Spiked Amount	40.000		Recovery	=	80.25%	

Target Compounds

Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
10244.D SCAN020507.M Fri May 17 10:44:23 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020516\10244.D

Acq On : 17 May 2002 4:07 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Quant Time: May 17 10:44 2002

Vial: 20

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

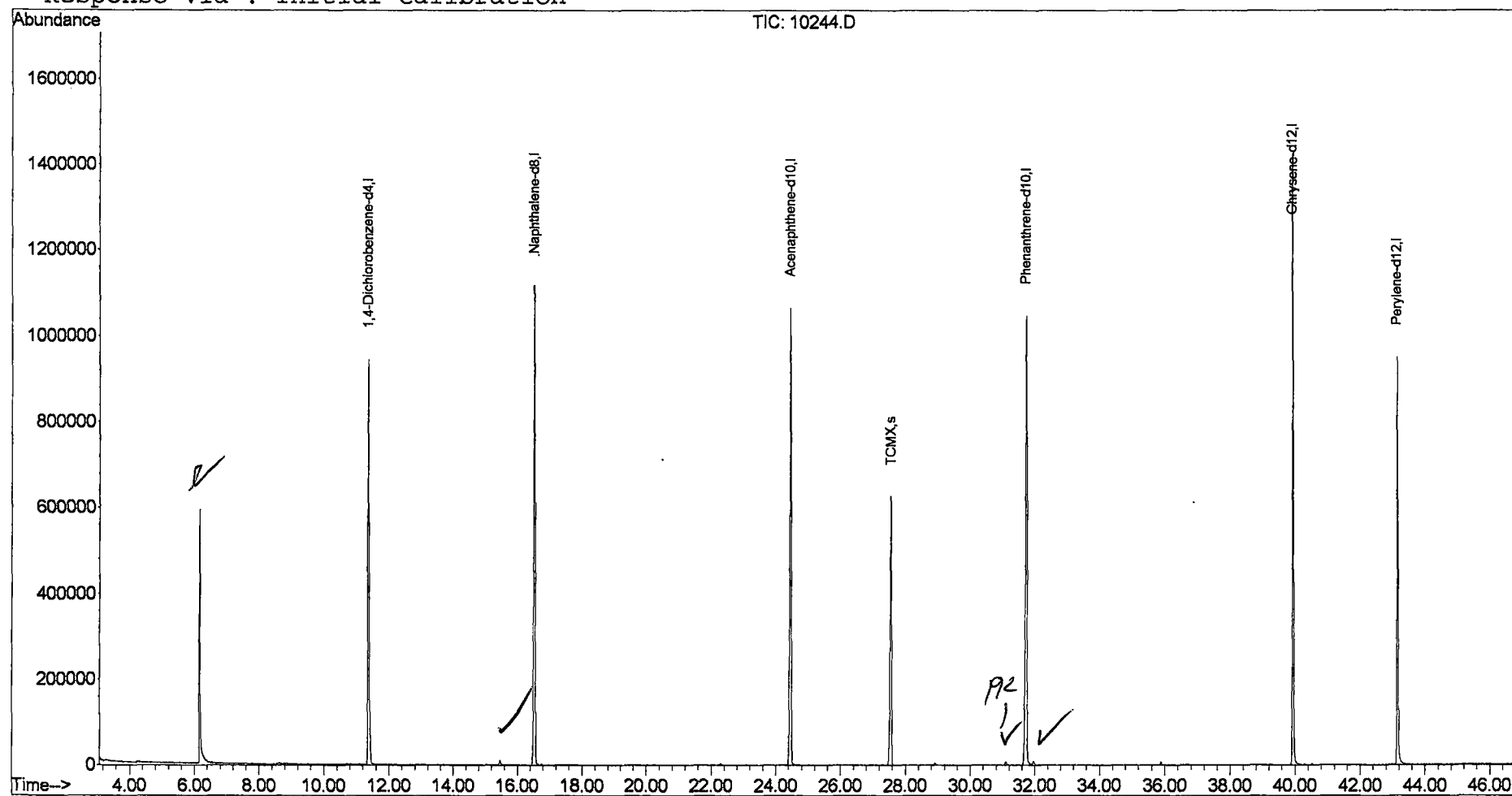
Quant Results File: SCAN020507.RES

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



10244.D SCAN020507.M

Fri May 17 10:44:23 2002

Page 2

LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020516\10244.D
 Acq On : 17 May 2002 4:07 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

Vial: 20
 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

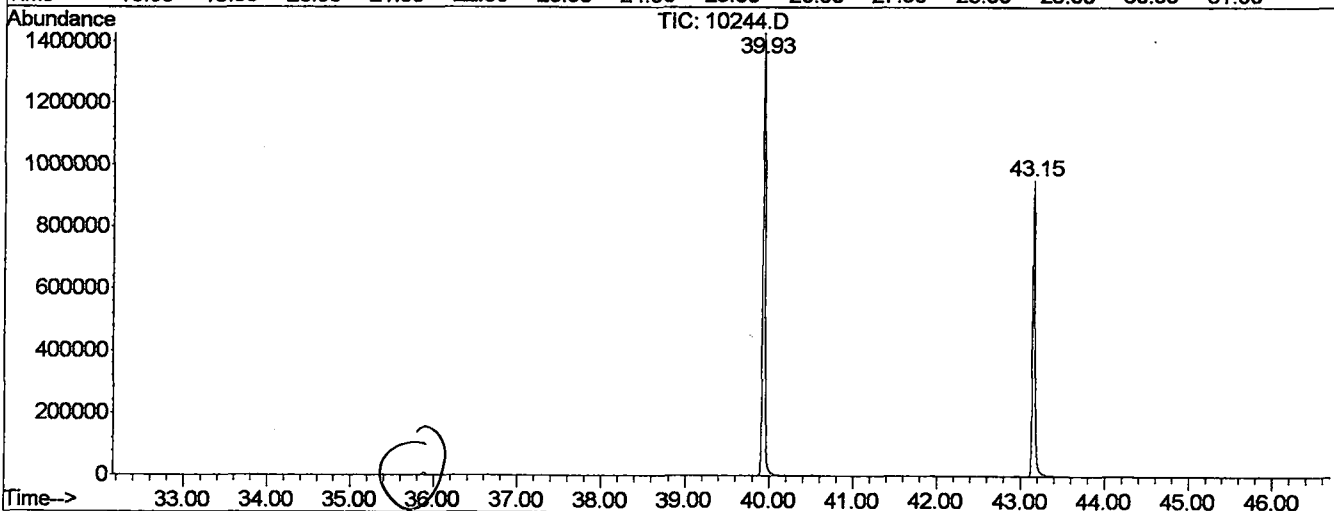
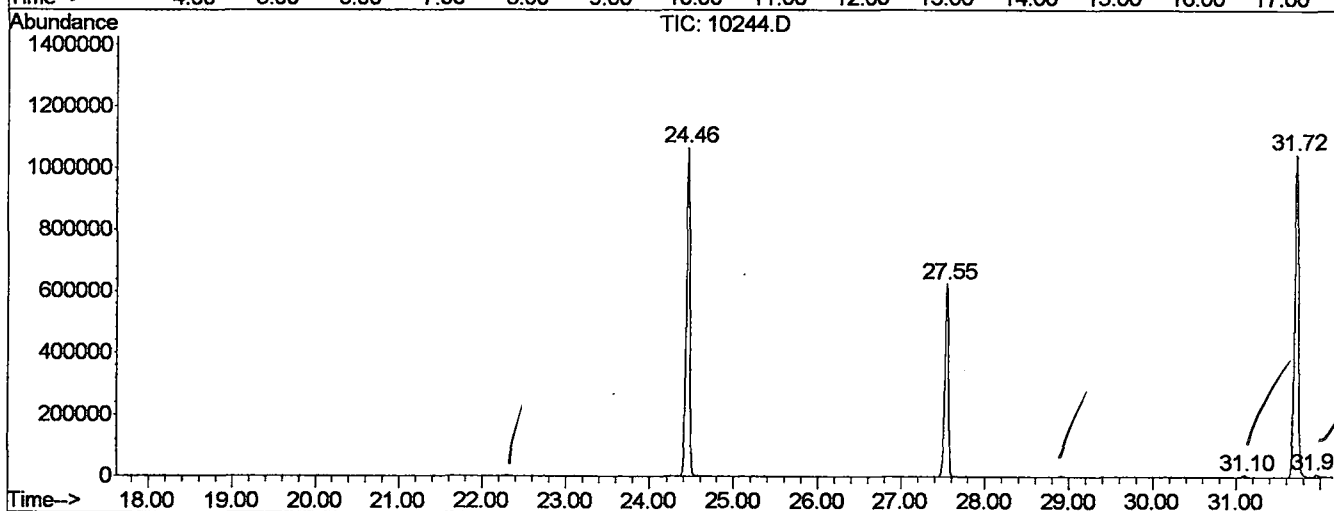
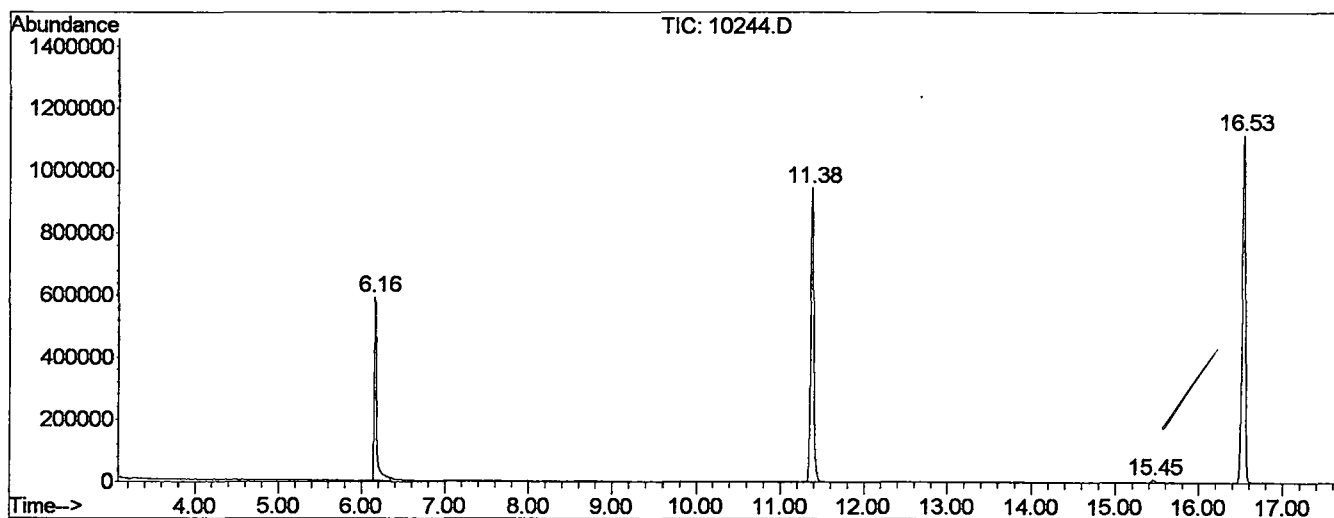
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.158	516	524	556	rBV	591176	1155140	35.27%	5.941%
2	11.375	1400	1412	1435	rBV	945128	2355045	71.90%	12.112%
3	15.453	2095	2106	2116	rVB3	10688	26942	0.82%	0.139%
4	16.534	2274	2290	2312	rBV	1118419	2970874	90.70%	15.280%
5	24.460	3621	3639	3653	rBV	1064942	3056318	93.31%	15.719%
6	27.551	4143	4165	4178	rBV2	626855	1824242	55.69%	9.382%
7	31.100	4758	4769	4776	rBV3	7542	20836	0.64%	0.107%
8	31.717	4853	4874	4898	rBV3	1047116	3275521	100.00%	16.846%
9	31.946	4907	4913	4932	rVB4	9218	26910	0.82%	0.138%
10	39.931	6261	6272	6298	rBV2	1425385	2825233	86.25%	14.530%
11	43.151	6810	6820	6846	rBV	951234	1906455	58.20%	9.805%

Sum of corrected areas: 19443516

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020516\10244.D
 Operator : Nefliu
 Acquired : 17 May 2002 4:07 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 20
 Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10244.D
 Acq On : 17 May 2002 4:07 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

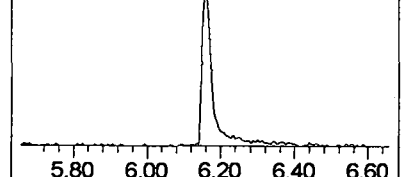
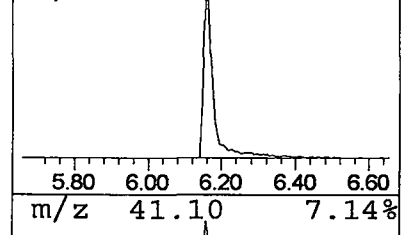
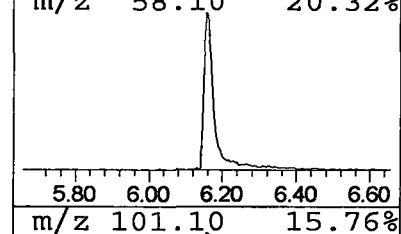
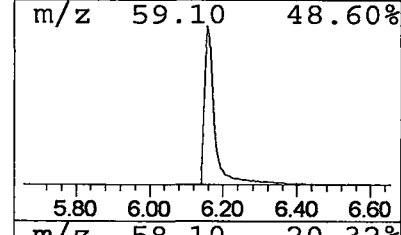
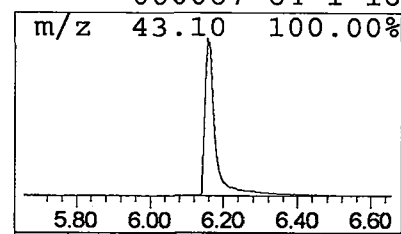
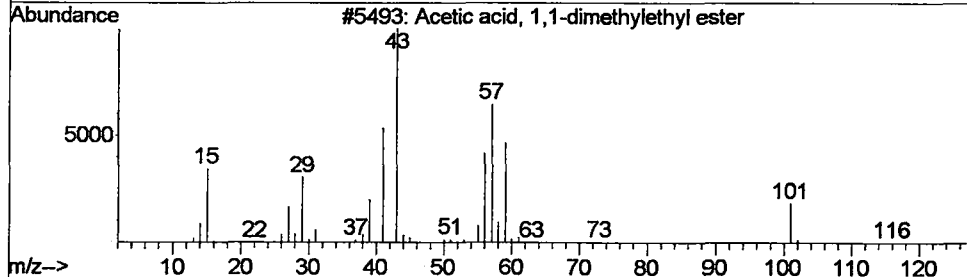
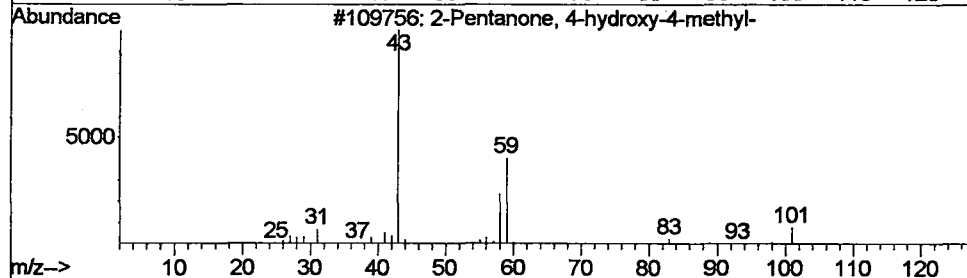
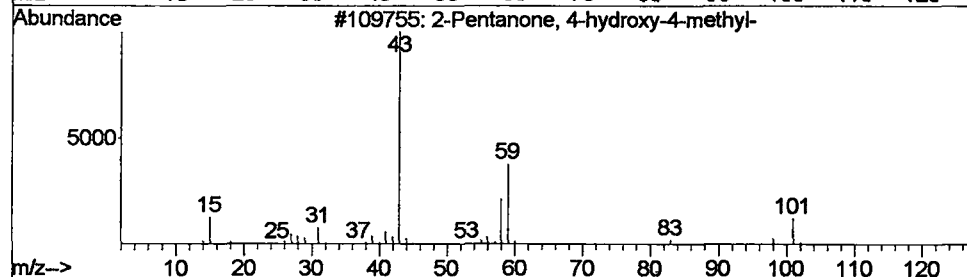
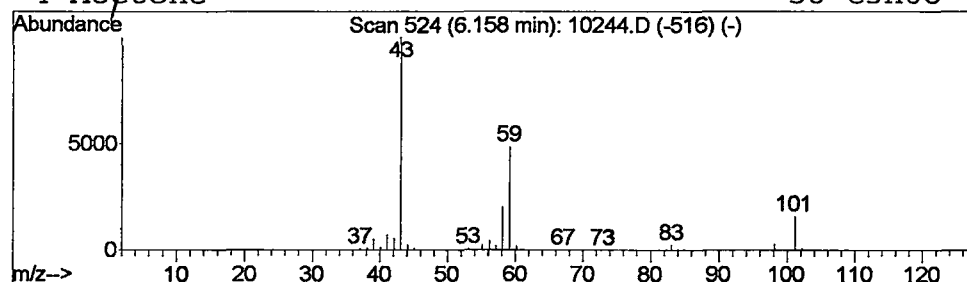
Vial: 20
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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.
✓ 6.16	19.62 ug/l	1155140	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	72
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
4			Acetone	58	C3H6O	000067-64-1	16



Library Search Compound Report

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Acq On : 17 May 2002 4:07 am
Sample : sample
Misc :
MS Integration Params: rteint.e

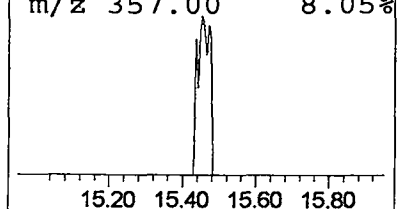
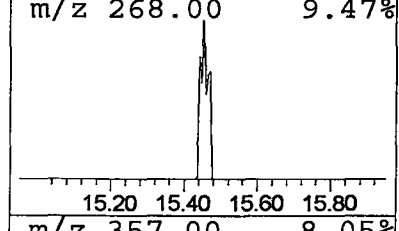
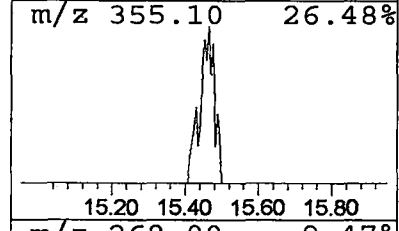
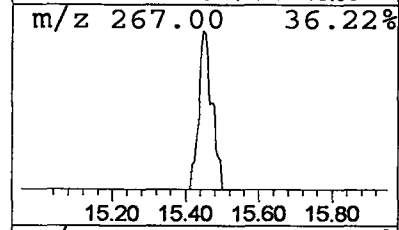
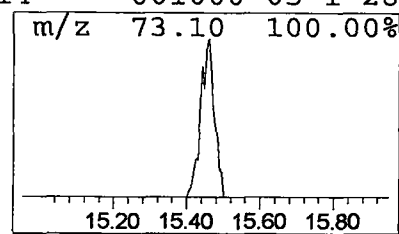
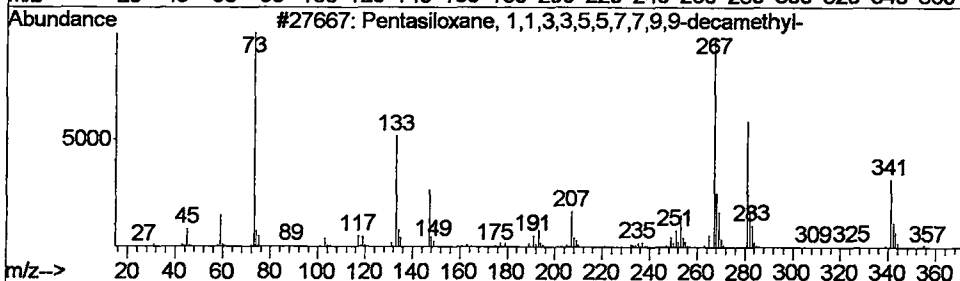
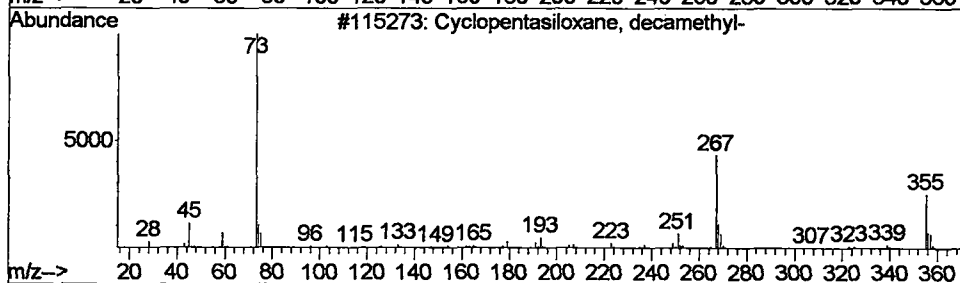
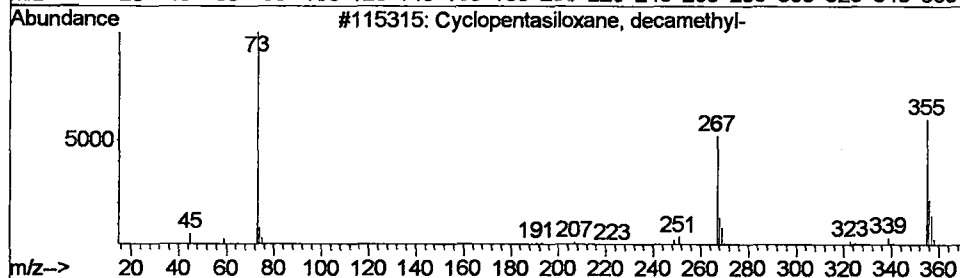
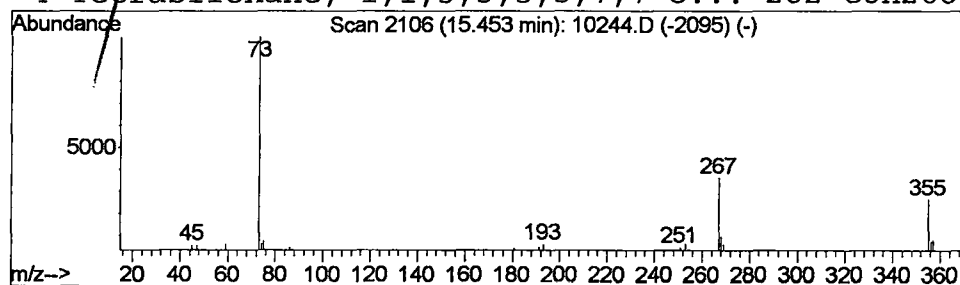
Vial: 20
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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.
15.45	0.36 ug/l	26942	Naphthalene-d8	16.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	78
2			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
3			Pentasiloxane, 1,1,3,3,5,5,7,7,9...	356	C10H32O4Si5	000995-83-5	50
4			Tetrasiloxane, 1,1,3,3,5,5,7,7-o...	282	C8H26O3Si4	001000-05-1	28



Library Search Compound Report

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Acq On : 17 May 2002 4:07 am
Sample : sample
Misc :
MS Integration Params: rteint.e

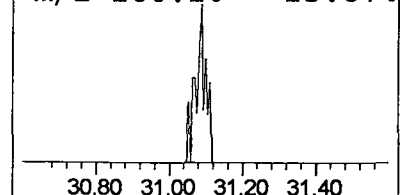
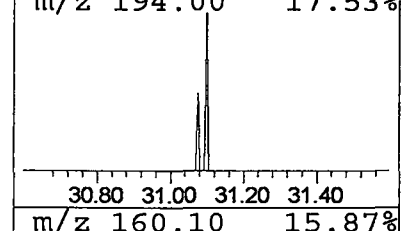
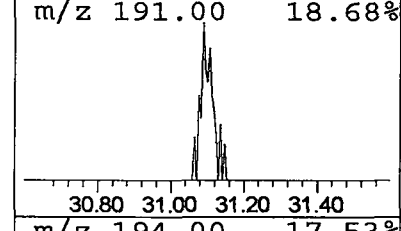
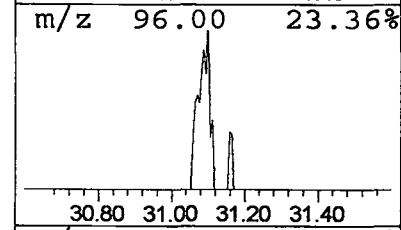
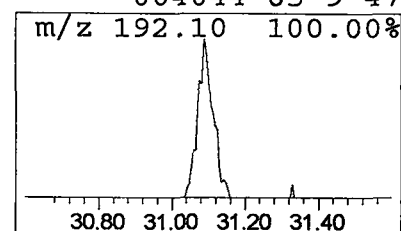
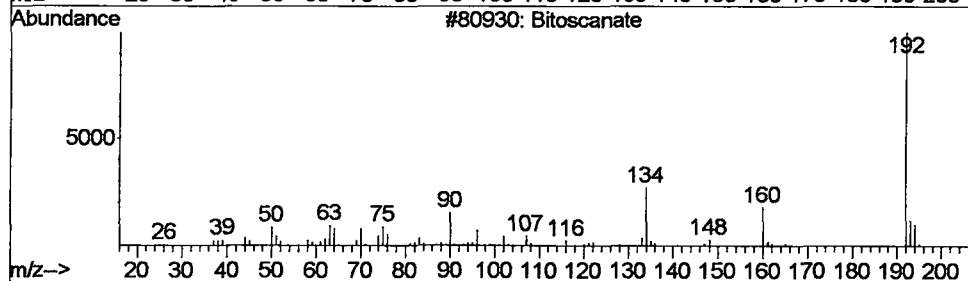
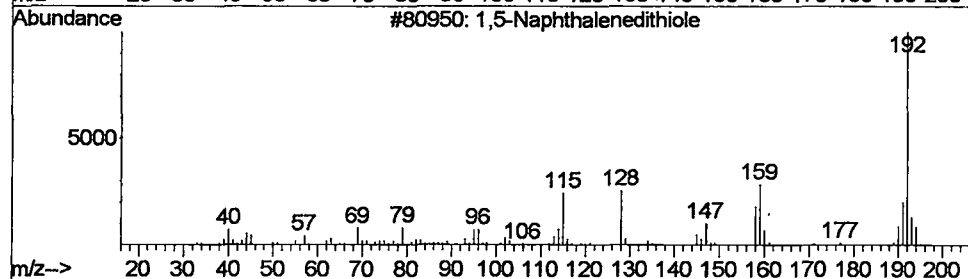
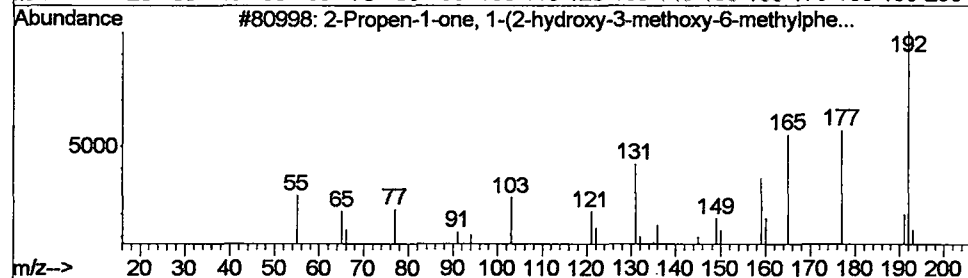
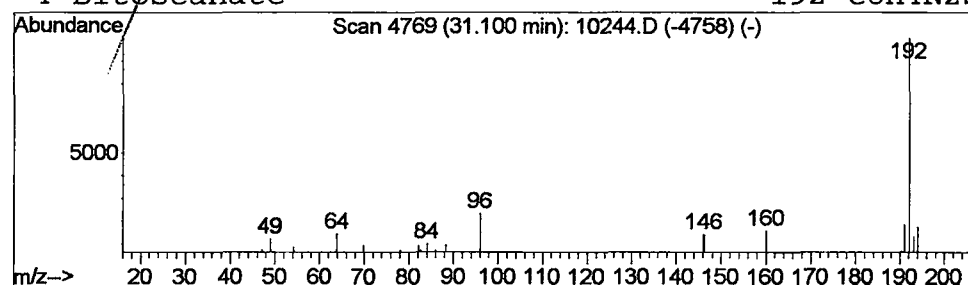
Vial: 20
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.10	0.25 ug/l	20836	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	50
2			1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	47
3			Bitoscanate	192	C8H4N2S2	004044-65-9	47
4			Bitoscanate	192	C8H4N2S2	004044-65-9	47



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10244.D
Acq On : 17 May 2002 4:07 am
Sample : sample
Misc :
MS Integration Params: rteint.e

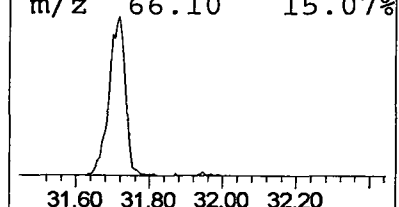
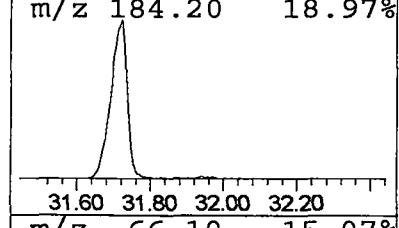
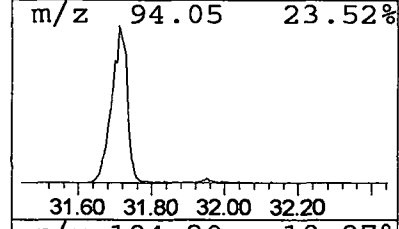
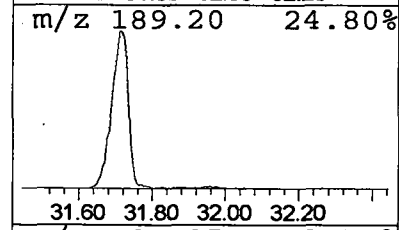
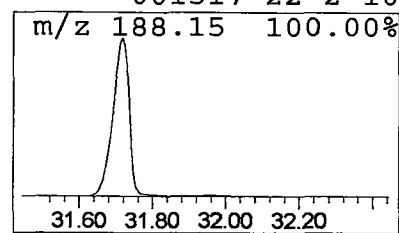
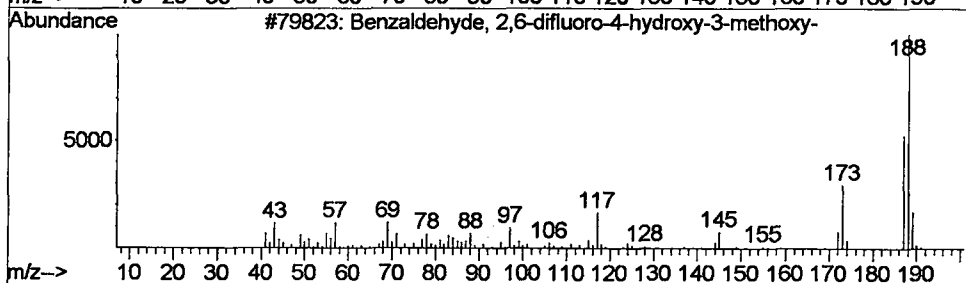
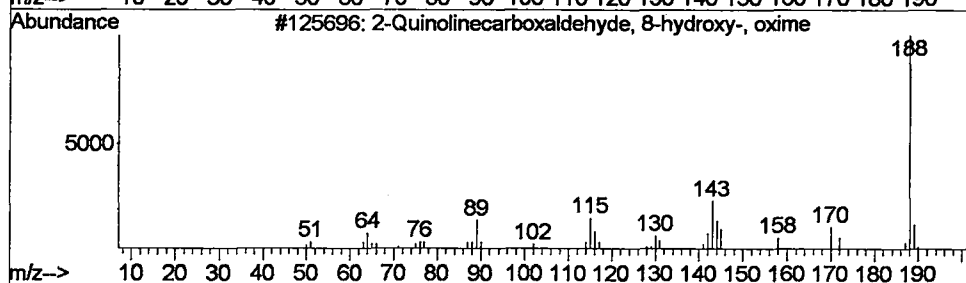
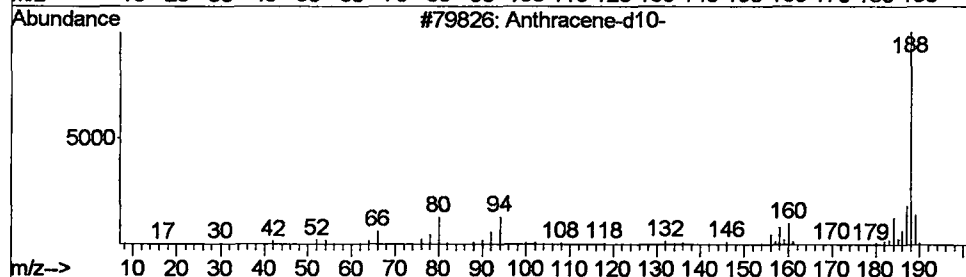
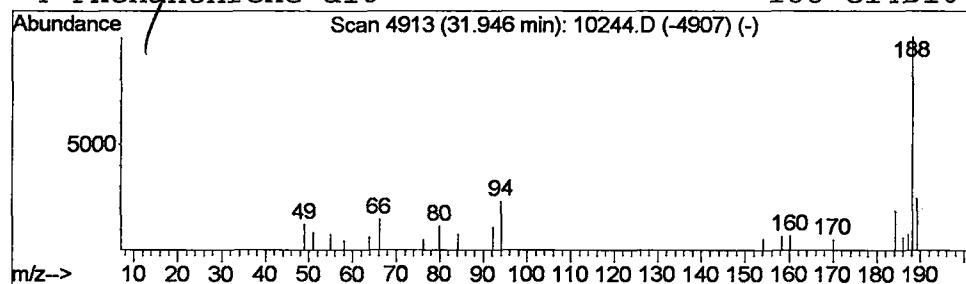
Vial: 20
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 4 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.33 ug/l	26910	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1			Anthracene-d10-	188	C14D10	001719-06-8	59
2			2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	37
3			Benzaldehyde, 2,6-difluoro-4-hyd...	188	C8H6F2O3	1000116-28-9	28
4			Phenanthrene-d10	188	C14D10	001517-22-2	10



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 17 May 2002 4:07 am
Data File: C:\MSDCHEM\1\DATA\020516\10244.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...	6.16	19.6	ug/l	1155140	1	11.38	2355050	40.0
- Cyclopentasiloxan...	15.45	0.4	ug/l	26942	2	16.53	2970870	40.0
2-Propen-1-one, 1...	31.10	0.3	ug/l	20836	4	31.72	3275520	40.0
Anthracene-d10-	31.95	0.3	ug/l	26910	4	31.72	3275520	40.0