

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/28/2002 Time: 08:40:14

Sample: AE10246
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/28/02 08:40 Ended: 5/28/02 08:40 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		84		10.0

Comments for Sample AE10246 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-28-2002 Time: 08:41:13

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\10246.D

Vial: 22

Acq On : 17 May 2002 6:05 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

Quant Time: May 17 10:47:01 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	301690	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1138594	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	607270	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1051980	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	837317	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	489452	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.55	207	162361	33.47	ug/l	-0.02
Spiked Amount	40.000		Recovery	=	83.67%	

Target Compounds

Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
10246.D SCAN020507.M Fri May 17 10:48:07 2002 Page 1

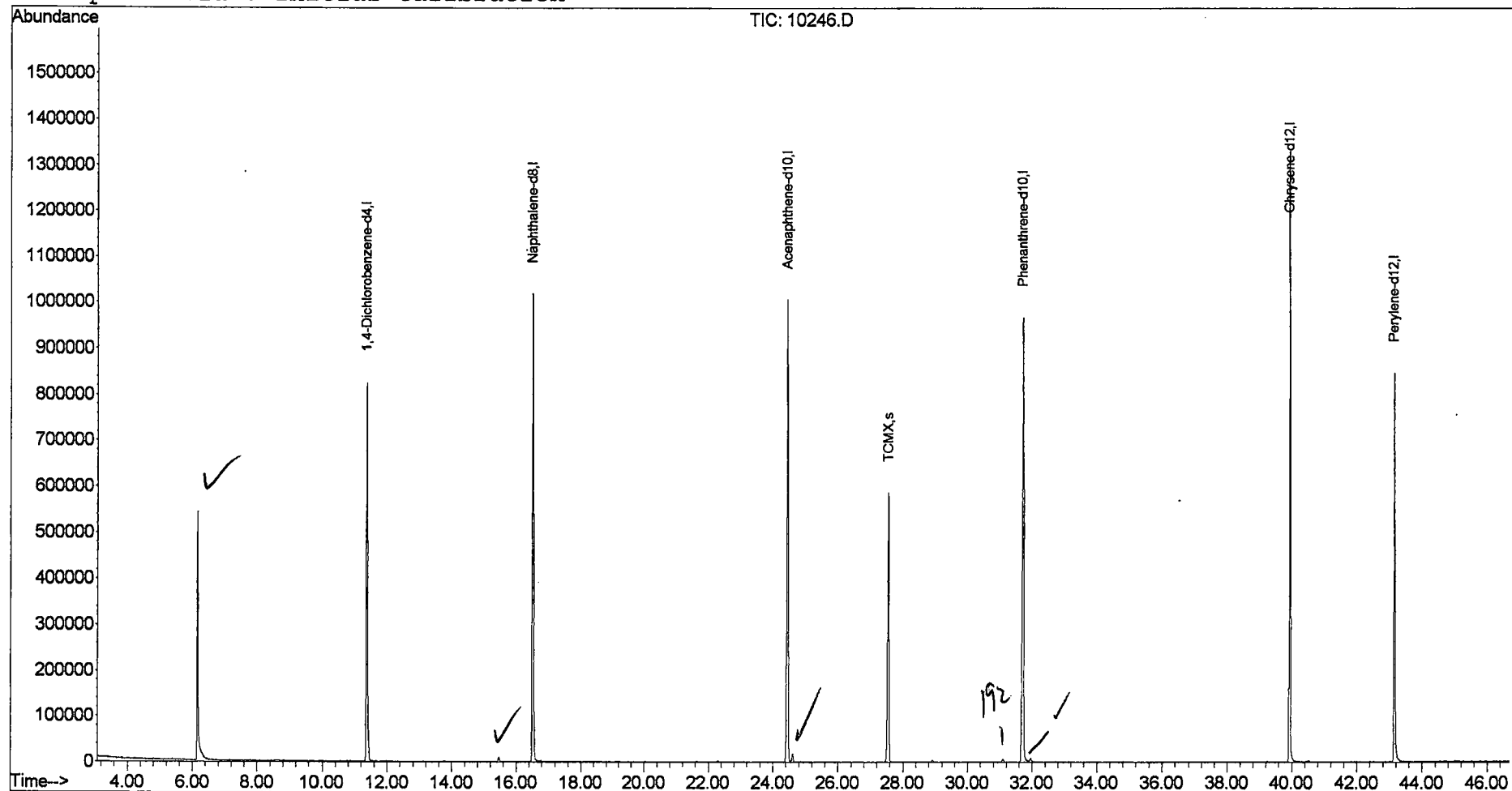
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020516\10246.D
Acq On : 17 May 2002 6:05 am
Sample : sample
Misc :
MS Integration Params: rteint.e
Quant Time: May 17 10:48 2002

Vial: 22
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\10246.D

Vial: 22

Acq On : 17 May 2002 6:05 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

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

Title : Method 508 GC/MS Scan

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 0.5 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

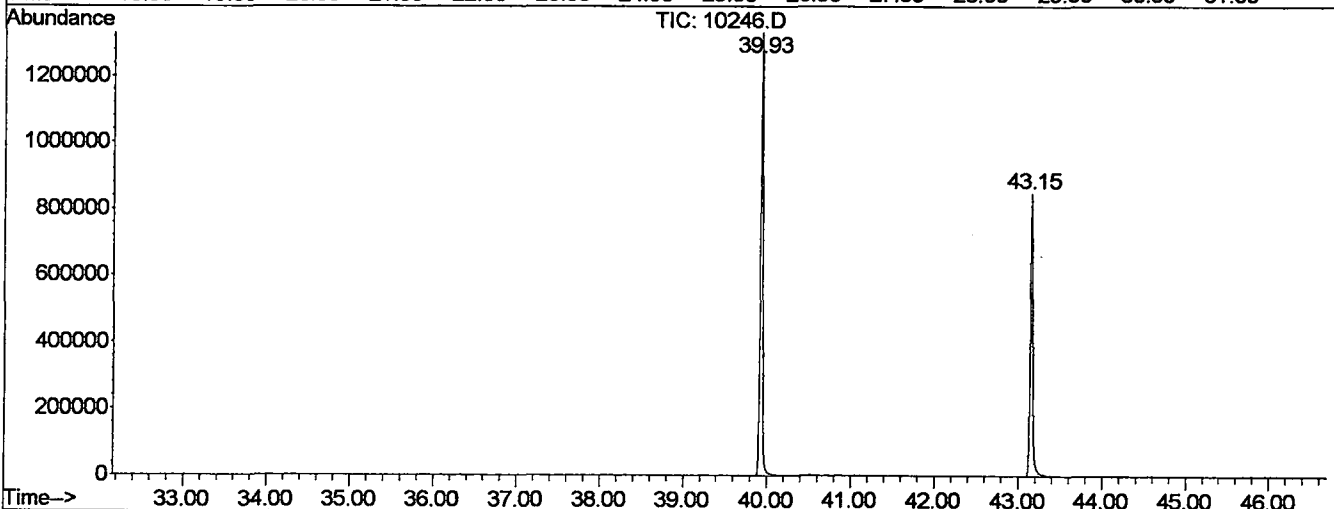
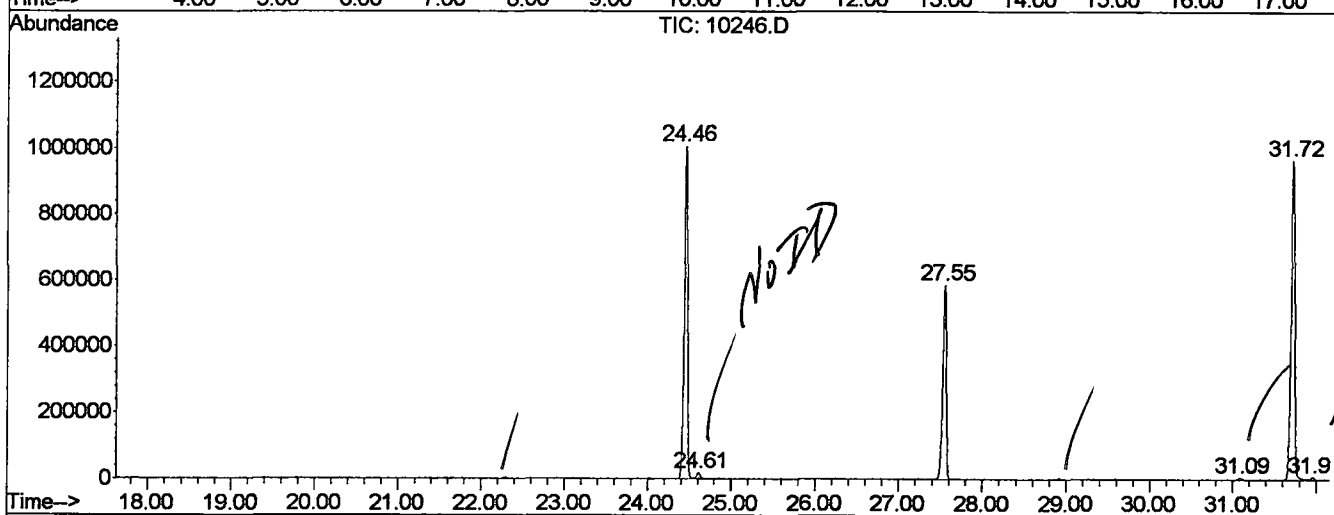
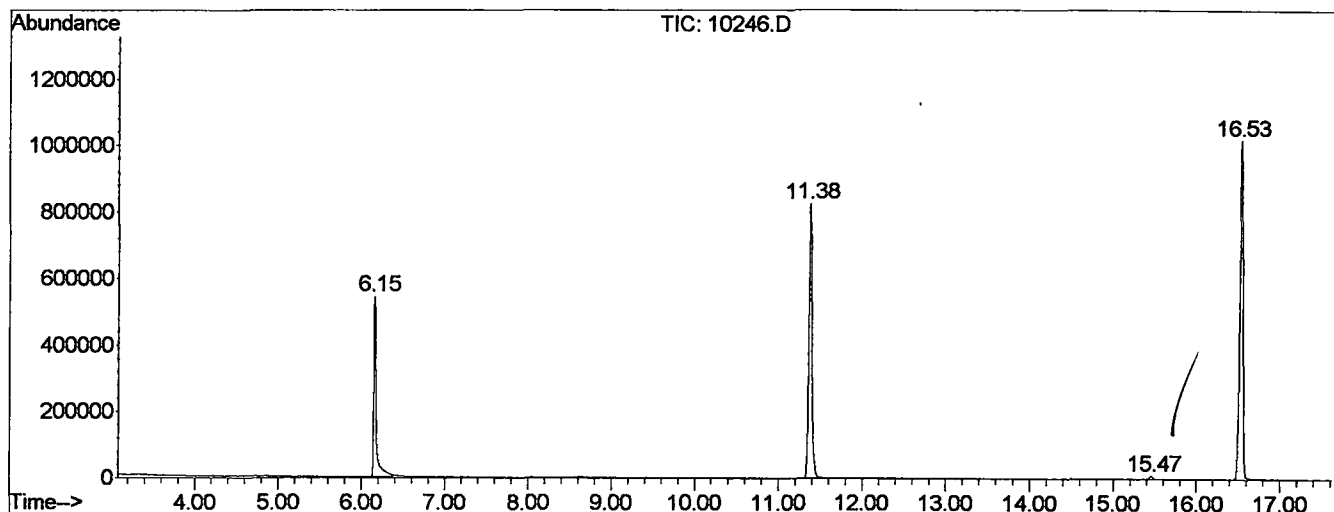
Signal : TIC

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	560	rBV	542638	1114220	37.94%	6.346%
2	11.376	1399	1412	1433	rBV	824397	2102400	71.59%	11.975%
3	15.465	2096	2108	2118	rBV3	9213	27022	0.92%	0.154%
4	16.534	2275	2290	2314	rBV	1018580	2642547	89.98%	15.051%
5	24.461	3624	3639	3651	rBV	1007058	2709805	92.27%	15.434%
6	24.613	3657	3665	3675	rVB4	17332	48922	1.67%	0.279%
7	27.551	4146	4165	4181	rBV3	587243	1675967	57.07%	9.546%
8	31.088	4755	4767	4777	rBV2	6464	21153	0.72%	0.120%
9	31.717	4855	4874	4897	rBV2	968945	2936752	100.00%	16.727%
10	31.958	4907	4915	4927	rVB5	8264	23827	0.81%	0.136%
11	39.931	6262	6272	6297	rBV2	1330284	2546198	86.70%	14.503%
12	43.151	6810	6820	6843	rBV2	847909	1708013	58.16%	9.728%

Sum of corrected areas: 17556826

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020516\10246.D
 Operator : Nefliu
 Acquired : 17 May 2002 6:05 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 22
 Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10246.D

Acq On : 17 May 2002 6:05 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 22

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

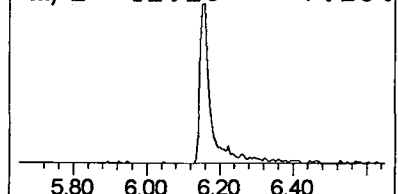
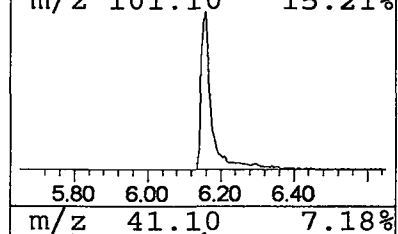
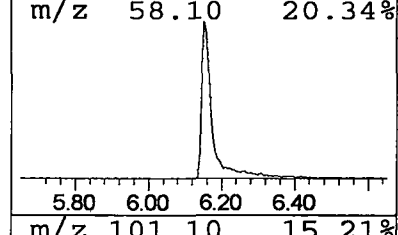
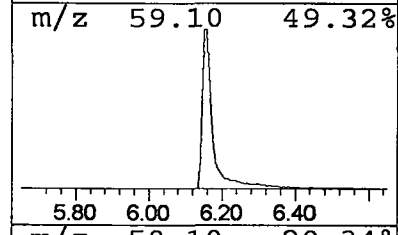
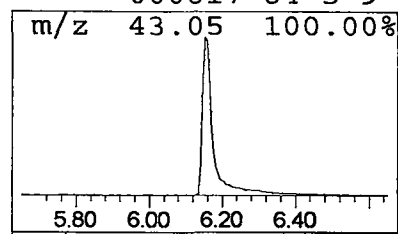
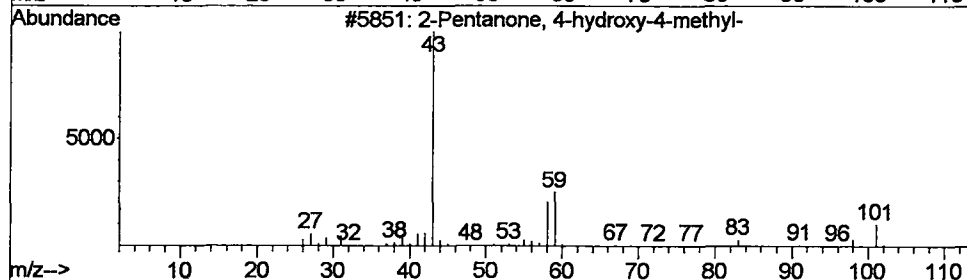
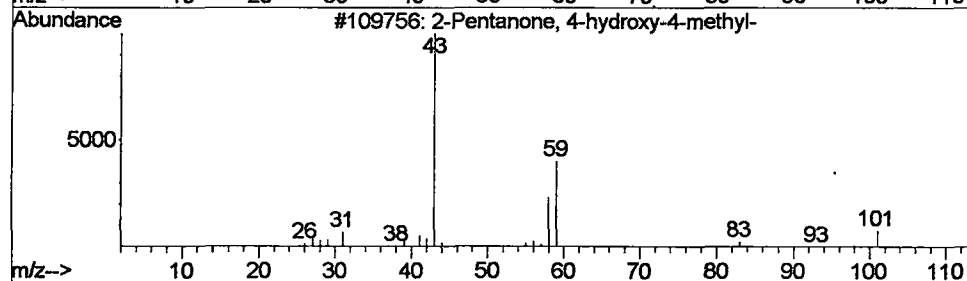
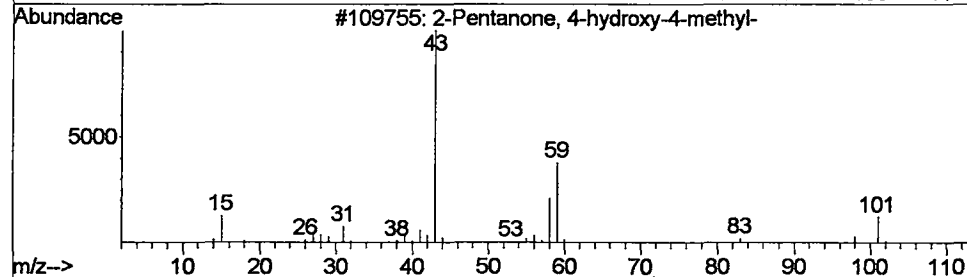
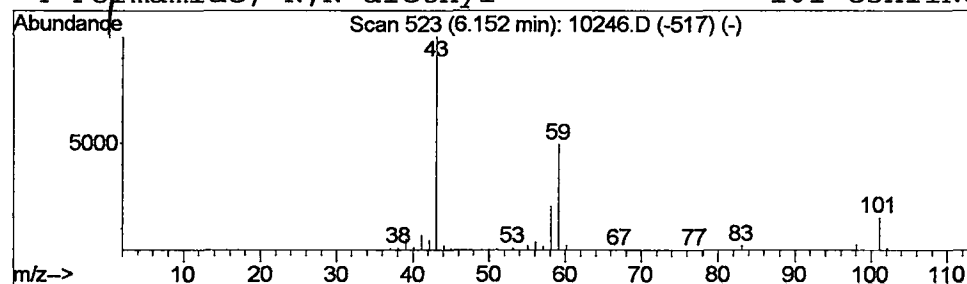
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	21.20 ug/l	1114220	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	56
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10246.D

Acq On : 17 May 2002 6:05 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 22

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

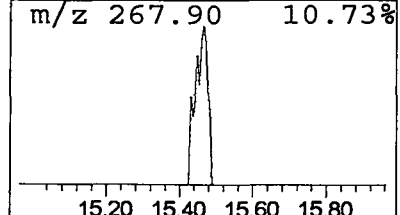
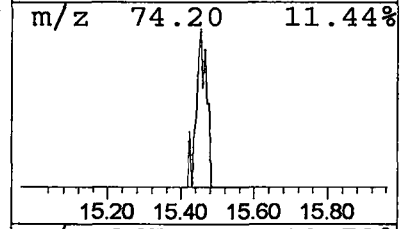
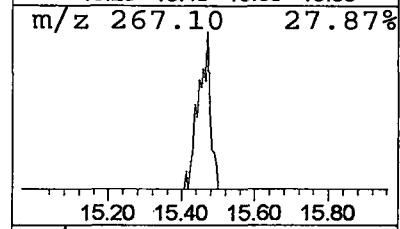
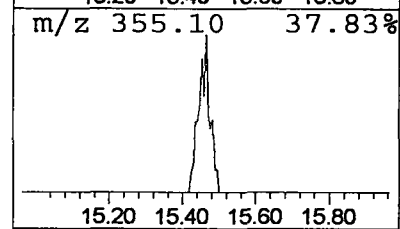
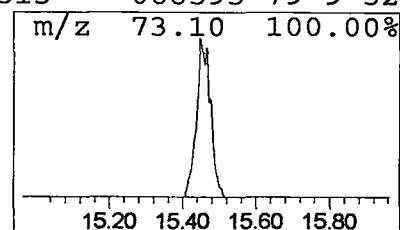
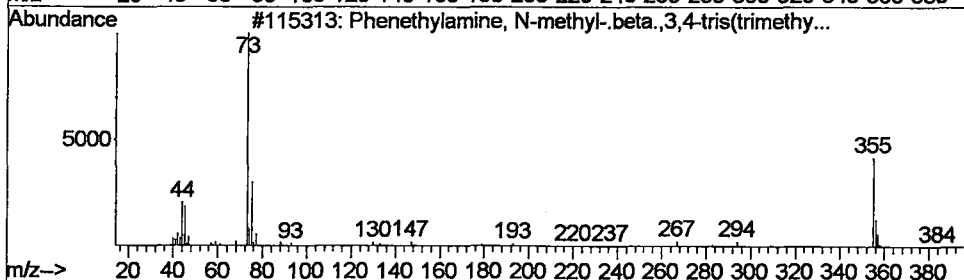
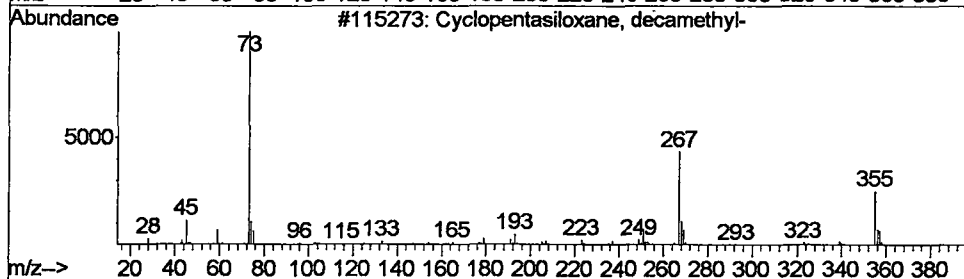
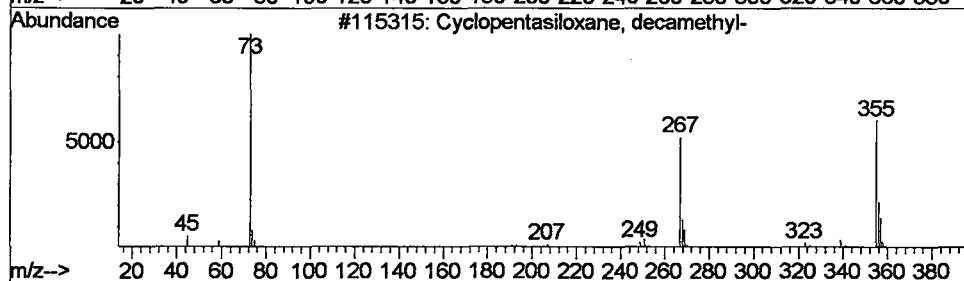
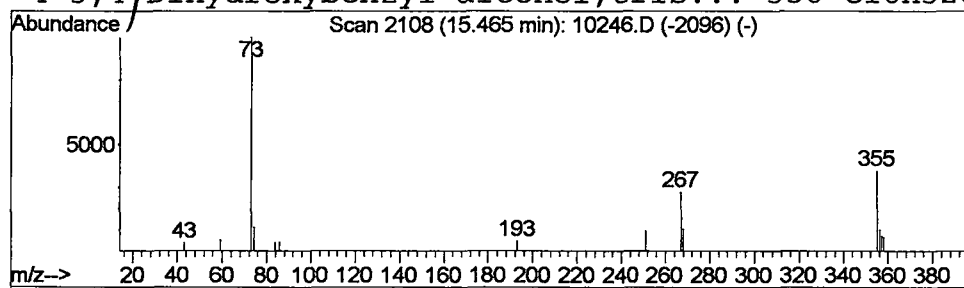
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	0.41 ug/l	27022	Naphthalene-d8	16.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	50
2			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	50
3			Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	37
4			3,4-Dihydroxybenzyl alcohol, tris...	356	C16H32O3Si3	068595-79-9	32



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10246.D
Acq On : 17 May 2002 6:05 am
Sample : sample
Misc :
MS Integration Params: rteint.e

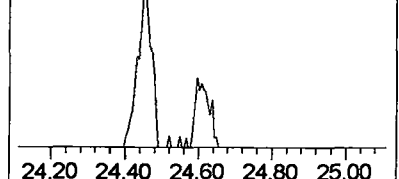
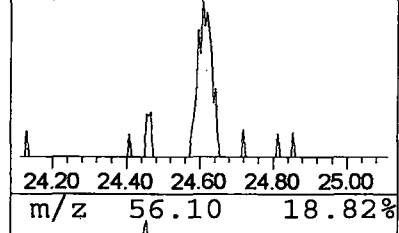
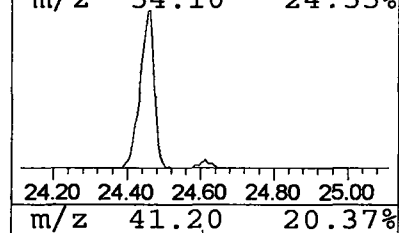
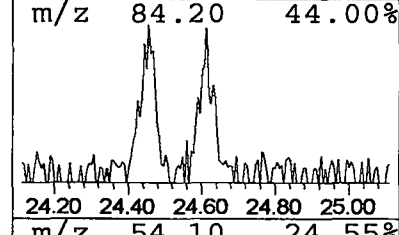
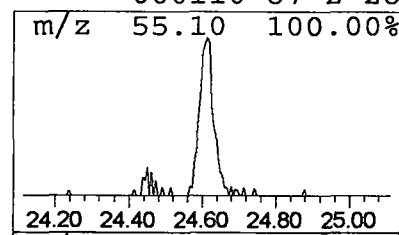
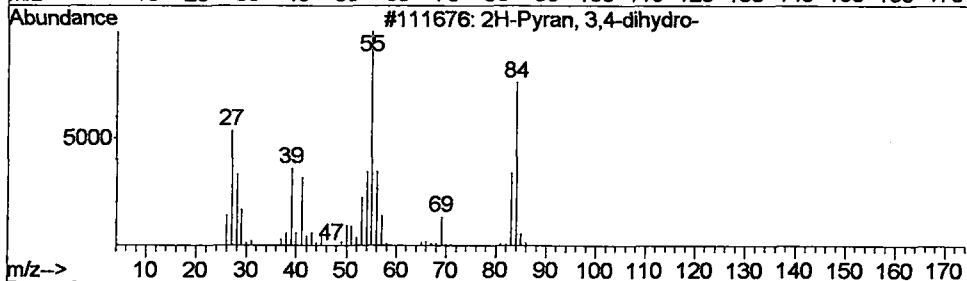
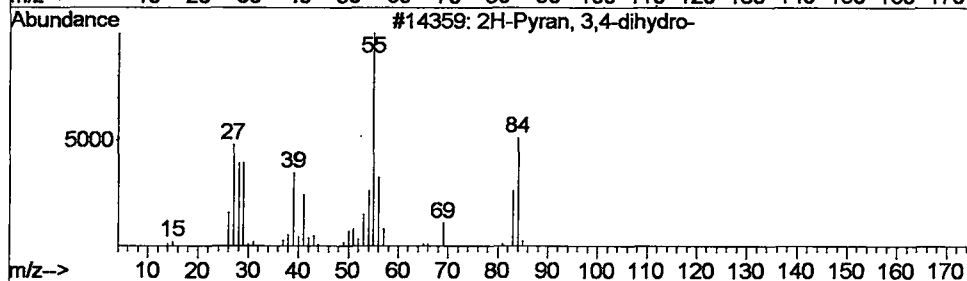
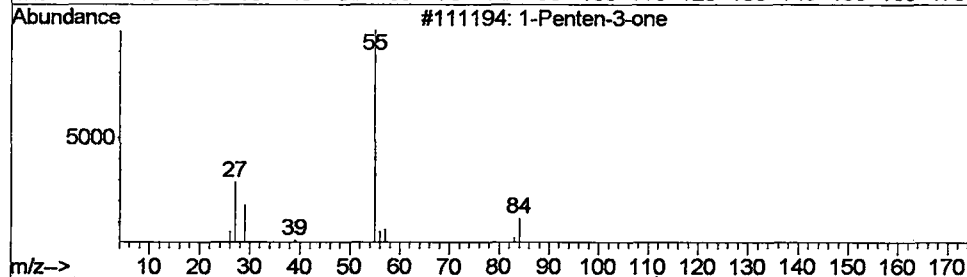
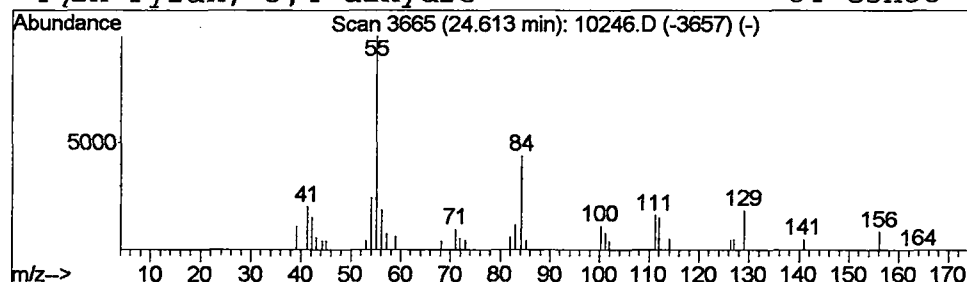
Vial: 22
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 3 1-Penten-3-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.61	0.72 ug/l	48922	Acenaphthene-d10	24.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Penten-3-one	84	C5H8O	001629-58-9	38
2			2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	38
3			2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	38
4			2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	28



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10246.D
 Acq On : 17 May 2002 6:05 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

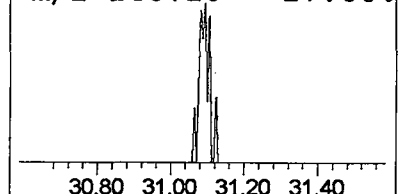
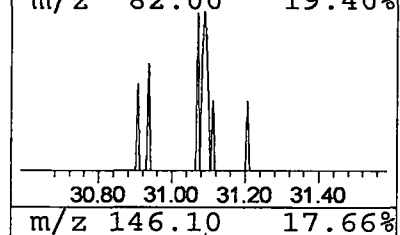
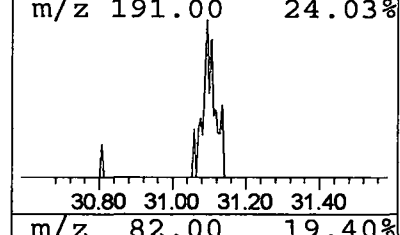
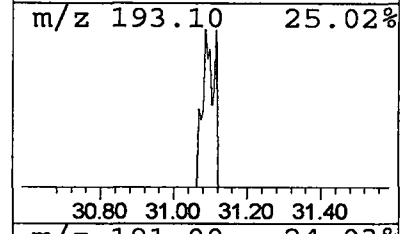
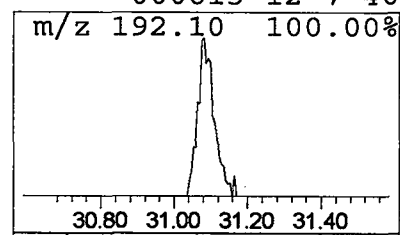
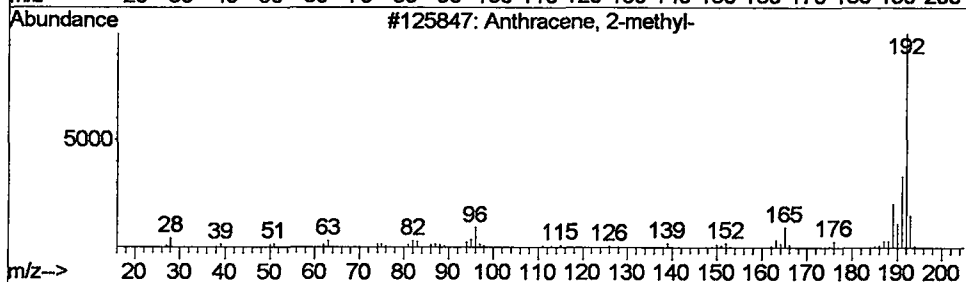
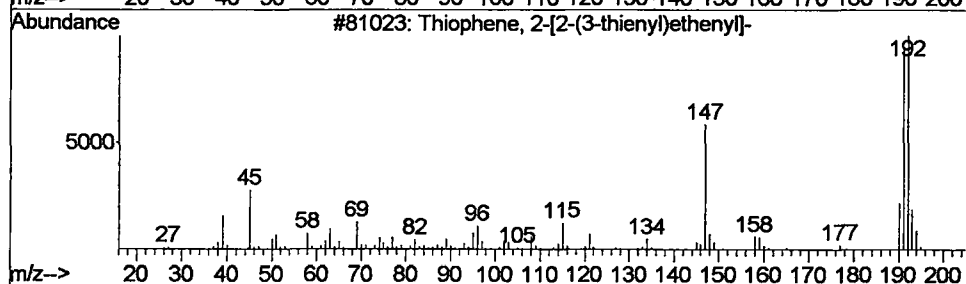
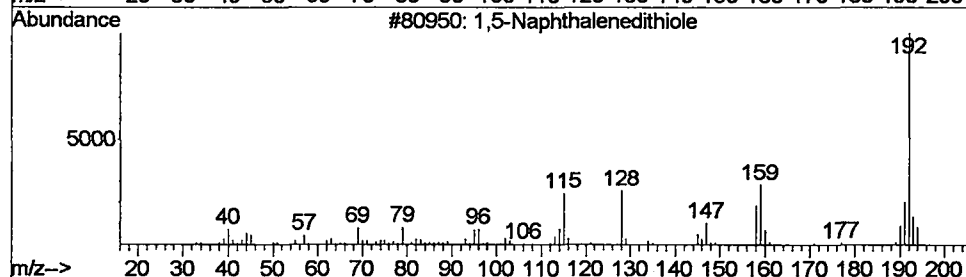
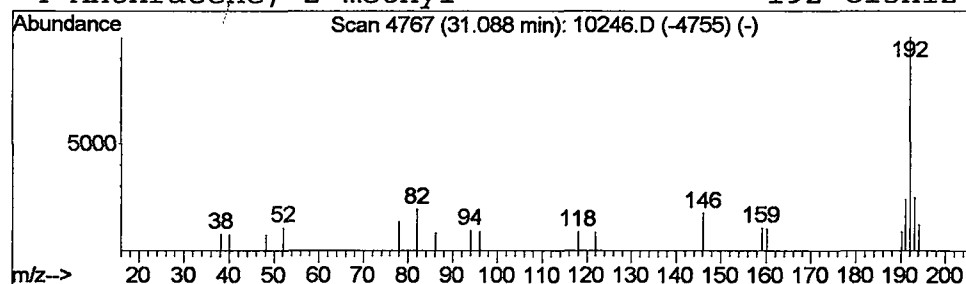
Vial: 22
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 4 1,5-Naphthalenedithiole Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.29 ug/l	21153	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	53
2		Thiophene, 2-[2-(3-thienyl)ethen...]	192	C10H8S2	116854-09-2	50
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	40
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	40



Library Search Compound Report

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 Acq On : 17 May 2002 6:05 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

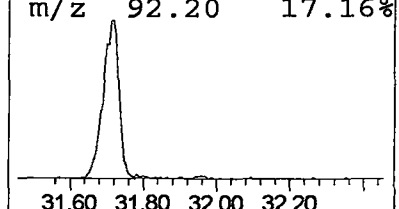
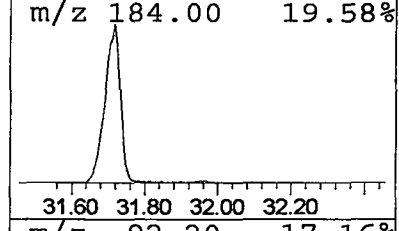
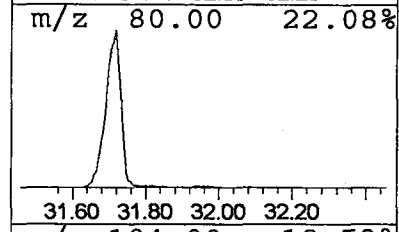
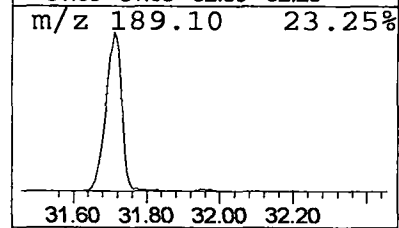
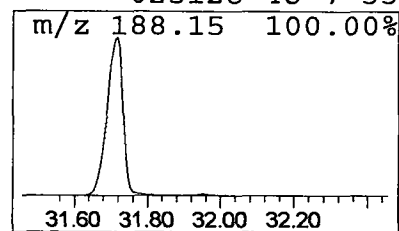
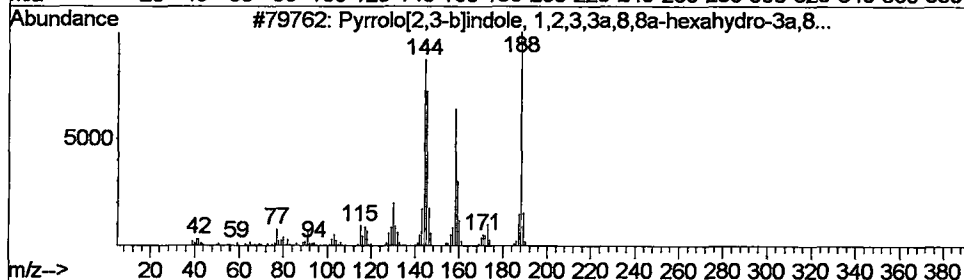
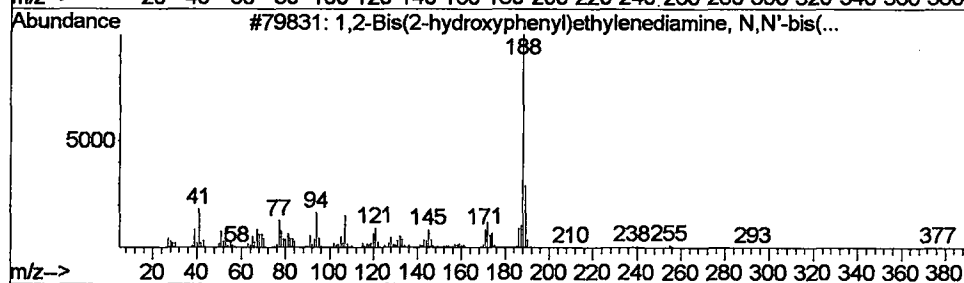
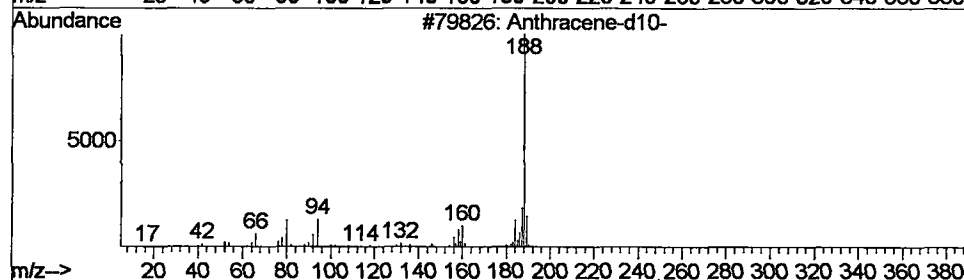
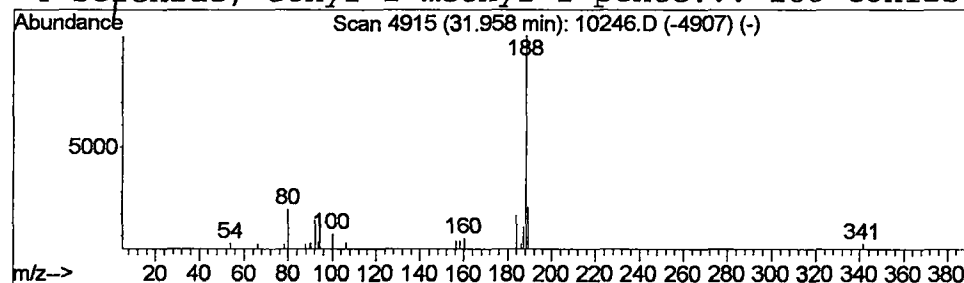
Vial: 22
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 Multiplr: 1.00

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

 Peak Number 5 Anthracene-d10- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.32 ug/l	23827	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1			Anthracene-d10-	188	C14D10	001719-06-8	64
2			1,2-Bis(2-hydroxyphenyl)ethylene...	376	C24H28N2O2	1000187-13-2	42
3			Pyrrolo[2,3-b]indole, 1,2,3,3a,8...	188	C12H16N2	004089-16-1	38
4			Selenide, ethyl 1-methyl-1-pente...	188	C8H12Se	025128-48-7	33



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 17 May 2002 6:05 am
 Data File: C:\MSDCHEM\1\DATA\020516\10246.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	21.2	ug/l	1114220	1	11.38	2102400	40.0
✓ Cyclopentasiloxan...	15.47	0.4	ug/l	27022	2	16.53	2642550	40.0
1-Penten-3-one	24.61	0.7	ug/l	48922	3	24.46	2709810	40.0
1,5-Naphthalenedi...	31.09	0.3	ug/l	21153	4	31.72	2936750	40.0
✓ Anthracene-d10-	31.96	0.3	ug/l	23827	4	31.72	2936750	40.0