

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/28/2002 Time: 08:43:39

Sample: AE10301
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/28/02 08:43 Ended: 5/28/02 08:43 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr 2,4-DDD		85		10.0

Comments for Sample AE10301 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-28-2002 Time: 08:44:46

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\10301.D
 Acq On : 17 May 2002 8:04 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 17 10:50:16 2002

Vial: 24
 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 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	300196	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1120188	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.45	164	596441	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.71	188	995208	40.00	ug/l	-0.03
38) Chrysene-d12	39.92	240	750004	40.00	ug/l	-0.06
44) Perylene-d12	43.15	264	458527	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX 27.55 207 161831 33.97 ug/l -0.02
 Spiked Amount 40.000 Recovery = 84.92%

Target Compounds

Qvalue

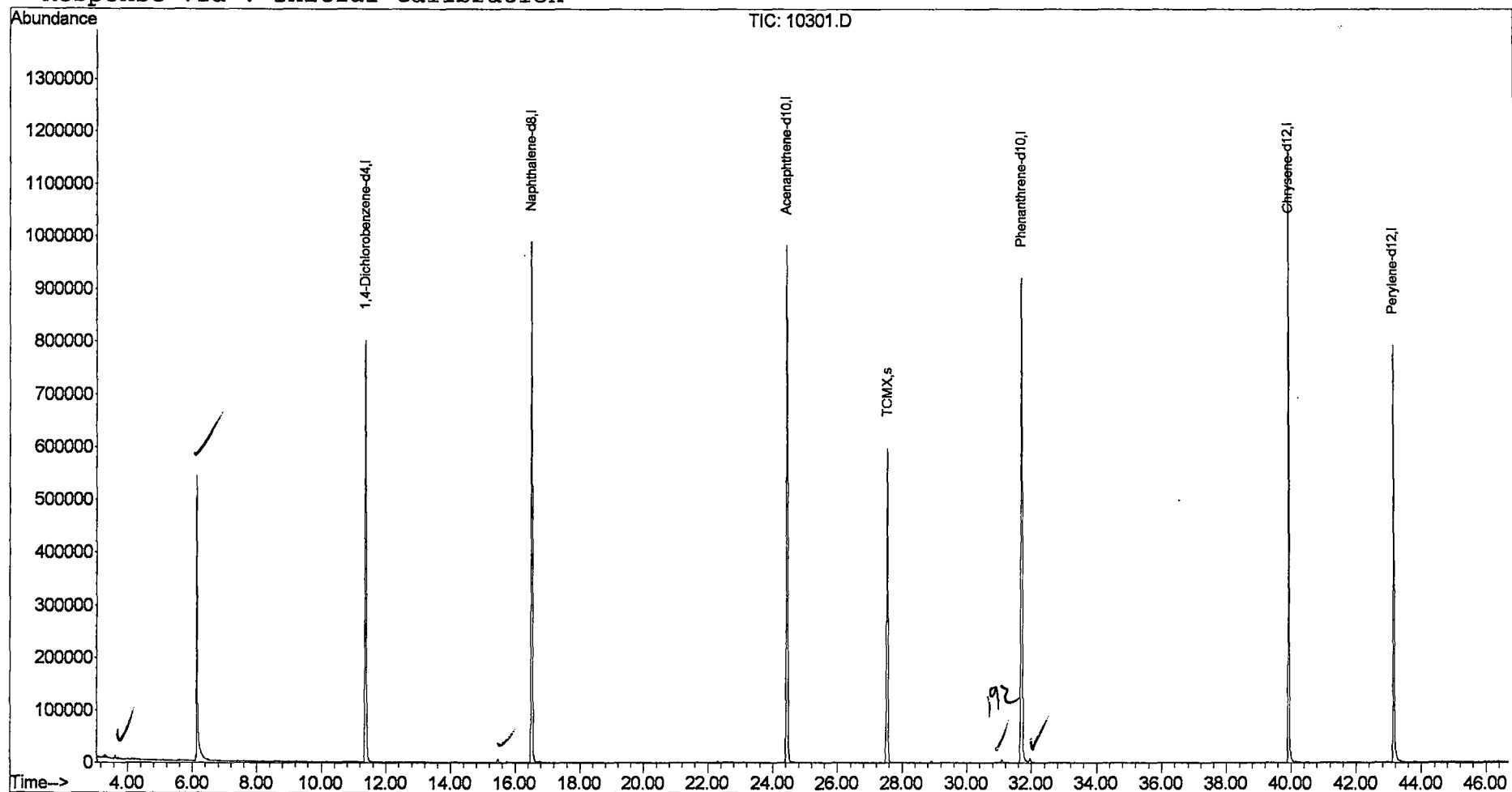
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020516\10301.D
Acq On : 17 May 2002 8:04 am
Sample : sample
Misc :
MS Integration Params: rteint.e
Quant Time: May 17 10:51 2002

Vial: 24
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\10301.D

Vial: 24

Acq On : 17 May 2002 8:04 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

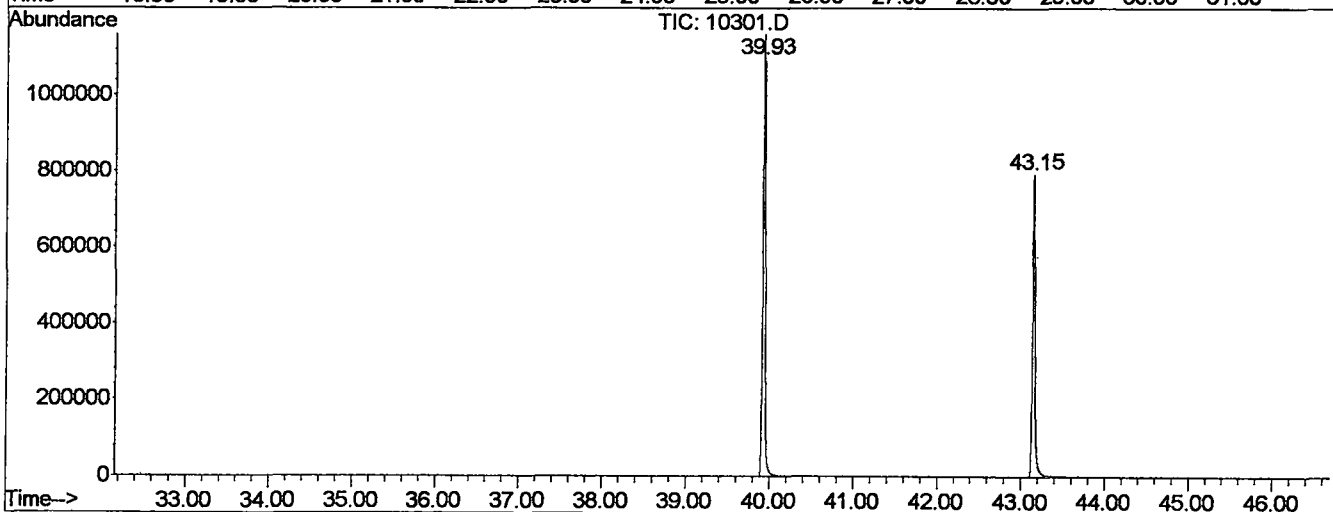
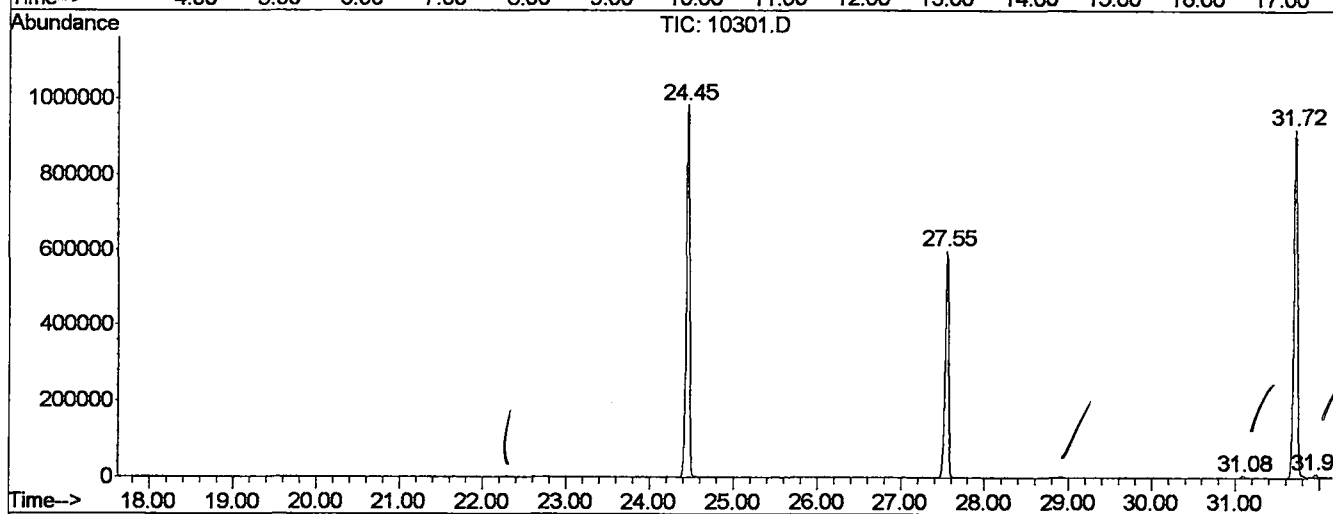
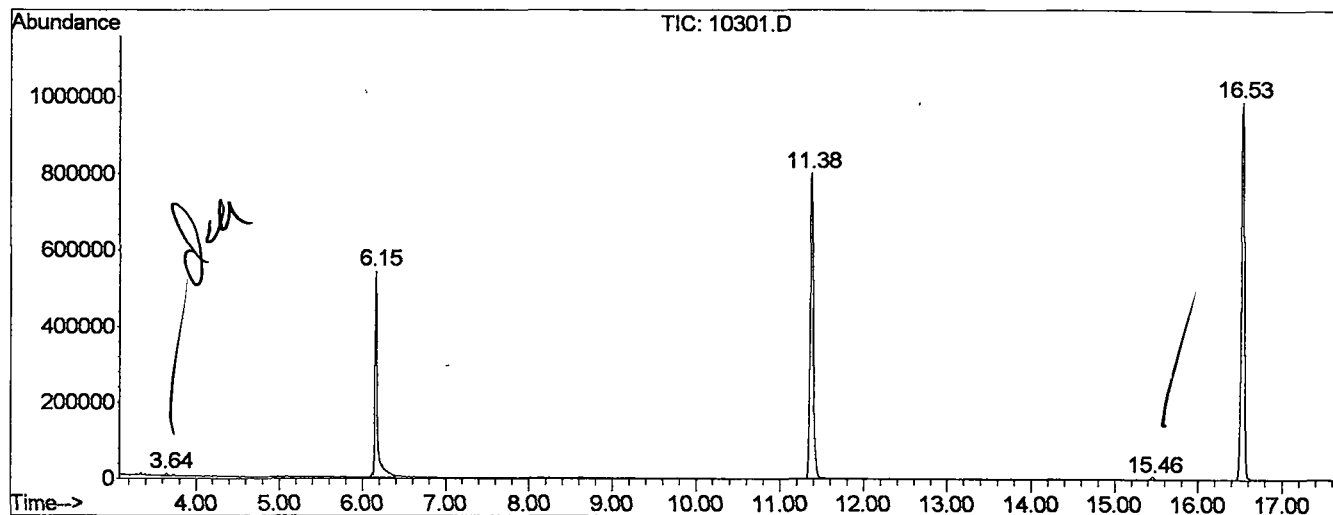
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.643	92	96	106	rVB6	7240	14460	0.52%	0.086%
2	6.152	511	523	563	rBV	542840	1148557	41.36%	6.794%
3	11.376	1399	1412	1431	rBV	800972	2076061	74.77%	12.280%
4	15.459	2099	2107	2115	rVB5	7033	19183	0.69%	0.113%
5	16.534	2274	2290	2307	rBV	990015	2581078	92.95%	15.267%
6	24.455	3621	3638	3651	rBV2	982881	2674661	96.32%	15.820%
7	27.551	4147	4165	4182	rBV3	598465	1690272	60.87%	9.998%
8	31.082	4758	4766	4779	rVB4	5858	17671	0.64%	0.105%
9	31.717	4855	4874	4895	rBV3	920950	2776764	100.00%	16.424%
10	31.964	4907	4916	4927	rVB4	8424	24512	0.88%	0.145%
11	39.931	6261	6272	6304	rBV2	1160083	2272297	81.83%	13.440%
12	43.151	6809	6820	6841	rBV	792974	1610983	58.02%	9.529%

Sum of corrected areas: 16906499

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020516\10301.D
 Operator : Nefliu
 Acquired : 17 May 2002 8:04 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 24
 Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10301.D

Acq On : 17 May 2002 8:04 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 24

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

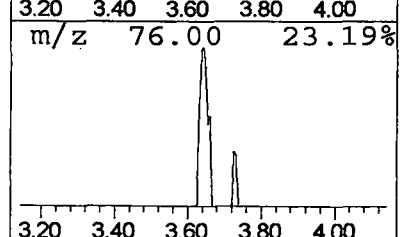
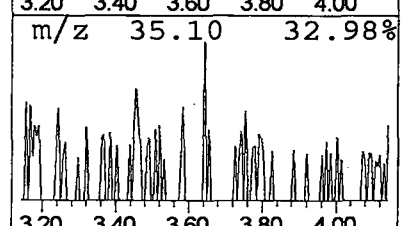
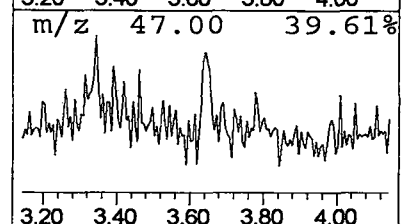
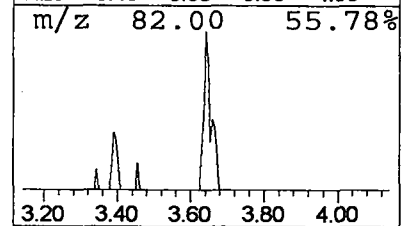
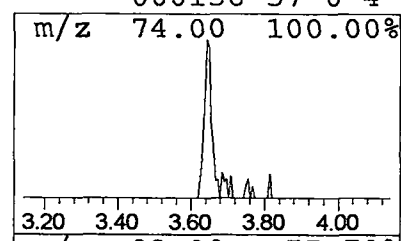
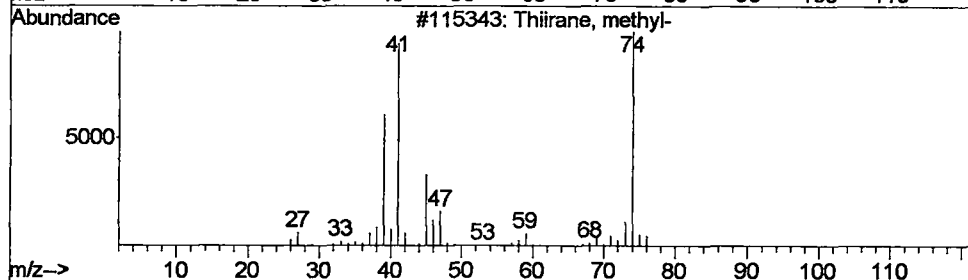
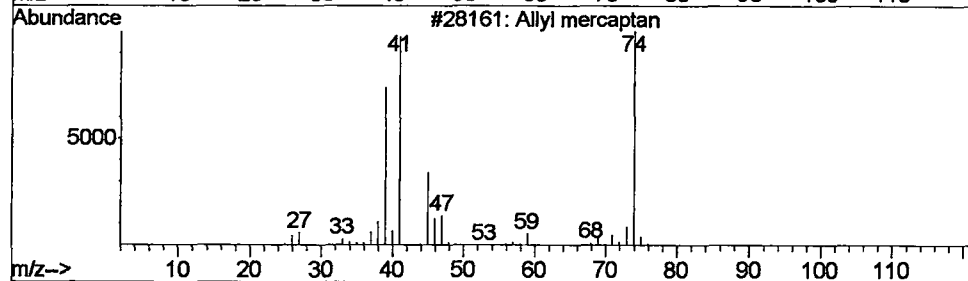
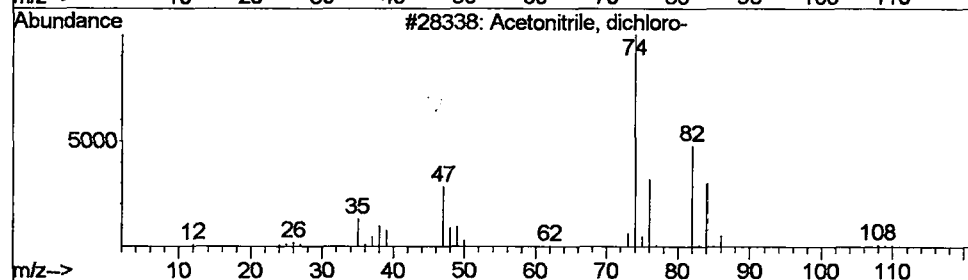
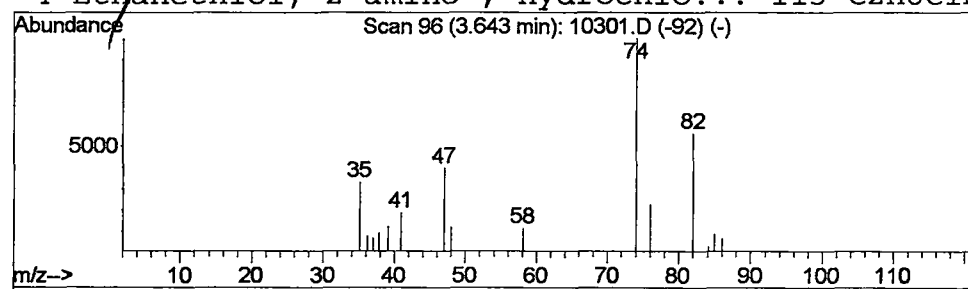
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
✓ 3.64	0.28 ug/l	14460	1,4-Dichlorobenzene-d4	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1		Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	38
2		Allyl mercaptan	74	C3H6S	000870-23-5	7
3		Thiirane, methyl-	74	C3H6S	001072-43-1	4
4		Ethanethiol, 2-amino-, hydrochlo...	113	C2H8ClNS	000156-57-0	4



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10301.D
Acq On : 17 May 2002 8:04 am
Sample : sample
Misc :
MS Integration Params: rteint.e

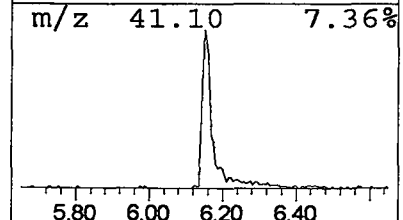
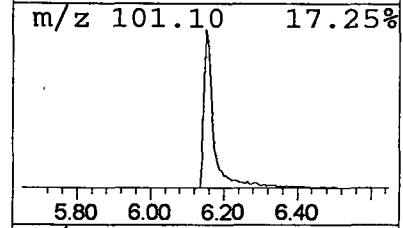
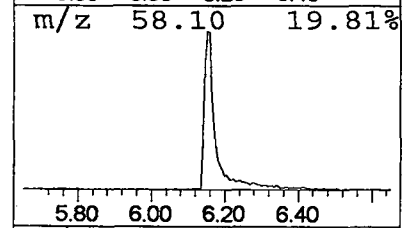
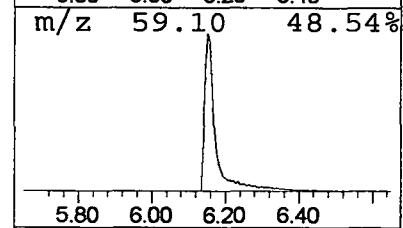
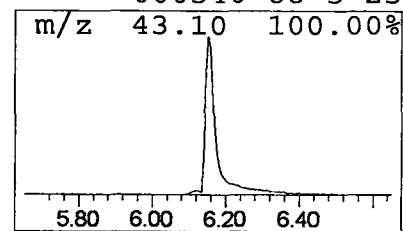
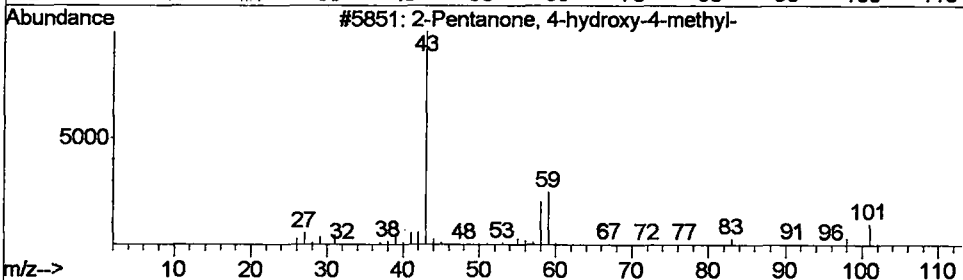
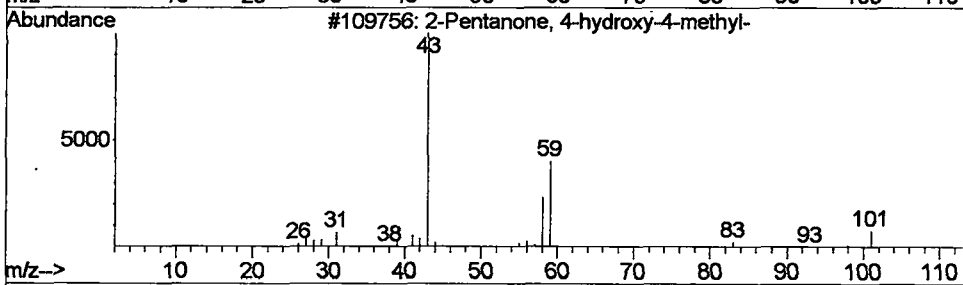
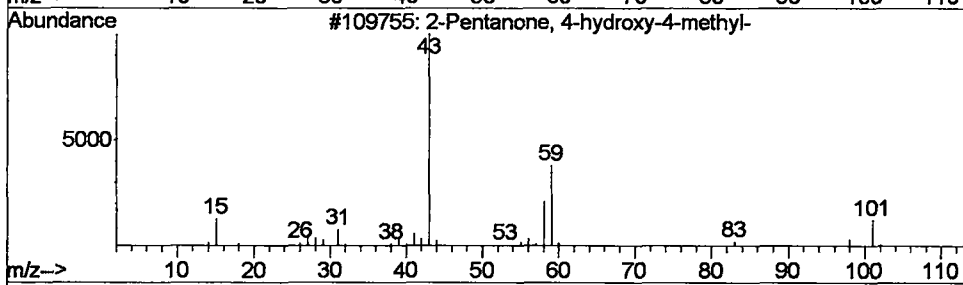
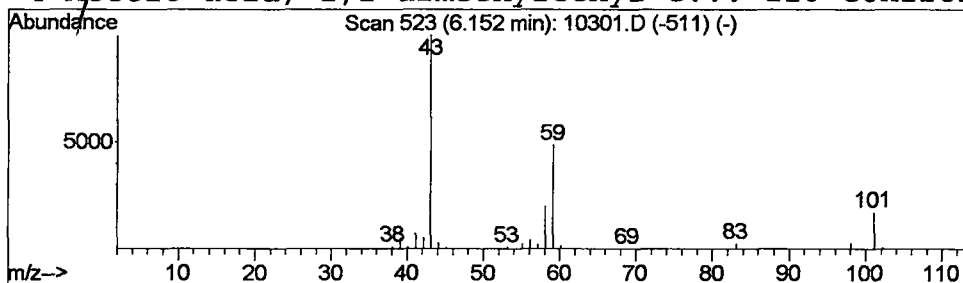
Vial: 24
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	22.13 ug/l	1148560	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	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10301.D

Acq On : 17 May 2002 8:04 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 24

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

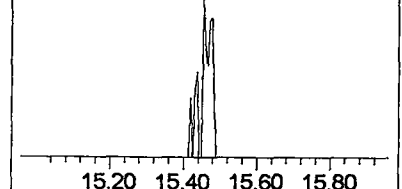
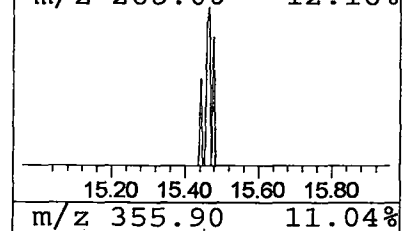
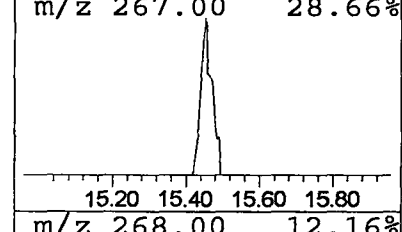
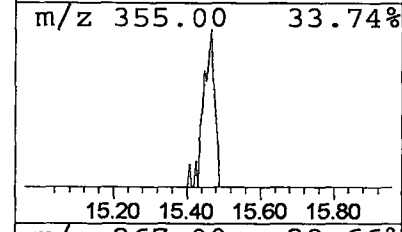
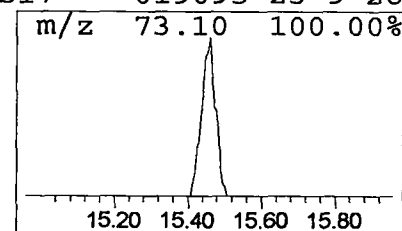
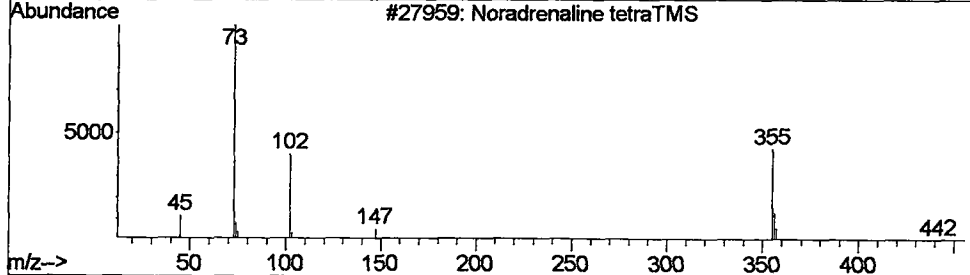
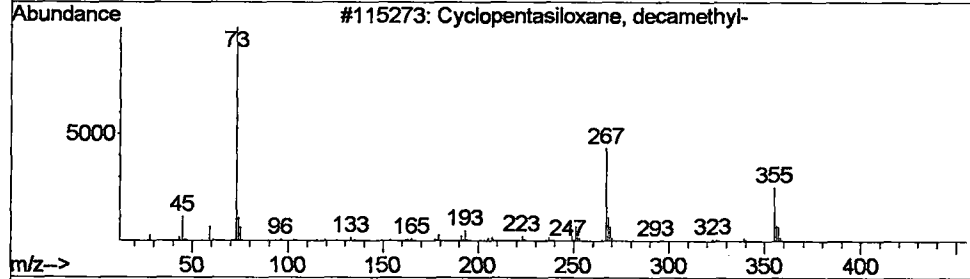
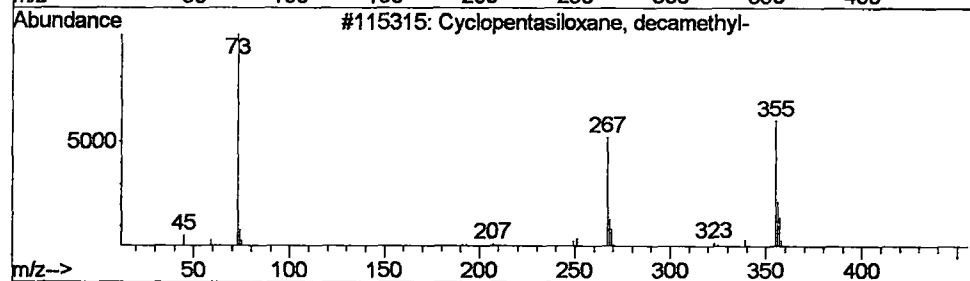
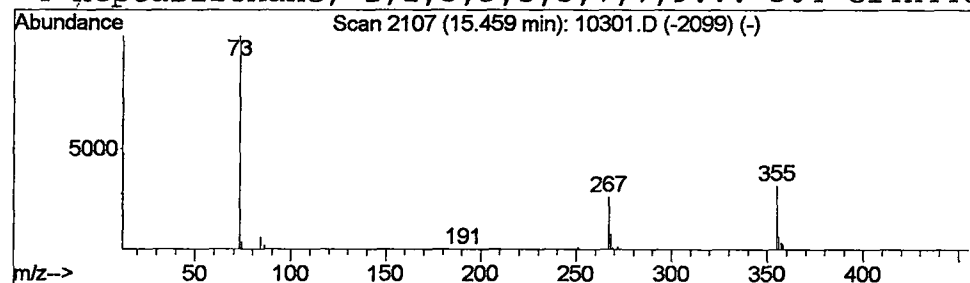
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	0.30 ug/l	19183	Naphthalene-d8	16.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	50
3		Noradrenaline tetraTMS	457	C20H43NO3Si4	068595-65-3	38
4		Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	28



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10301.D
 Acq On : 17 May 2002 8:04 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

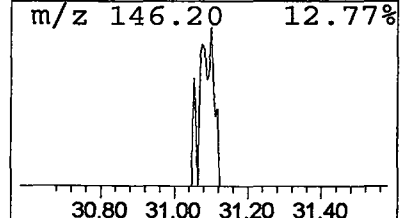
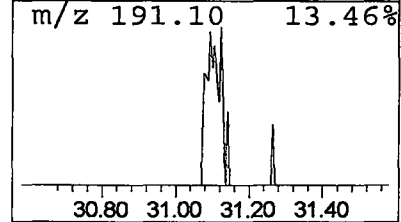
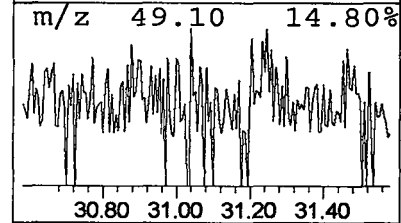
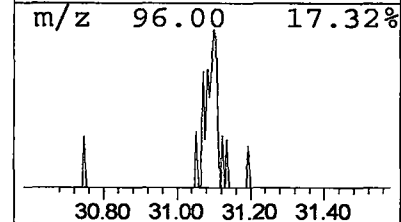
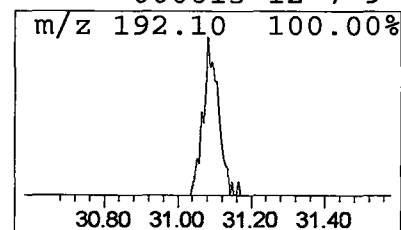
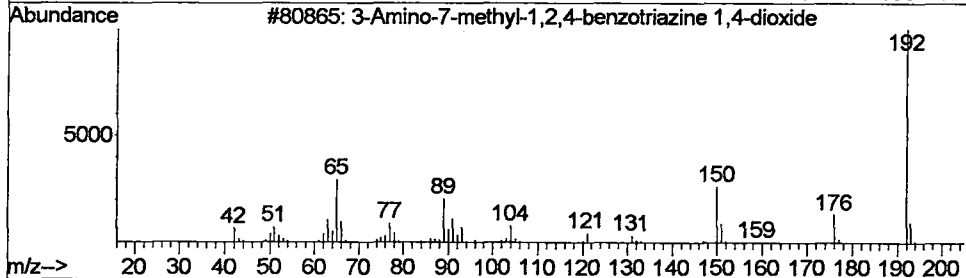
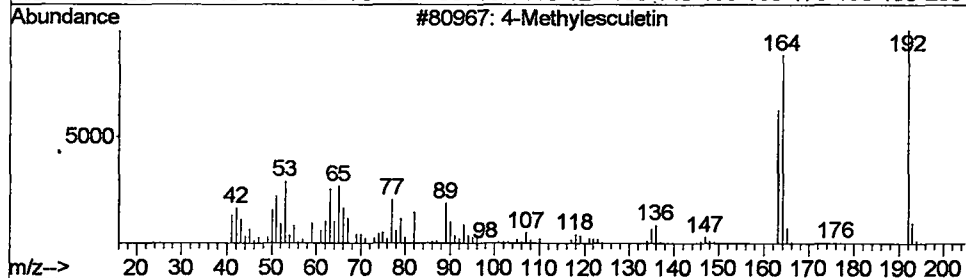
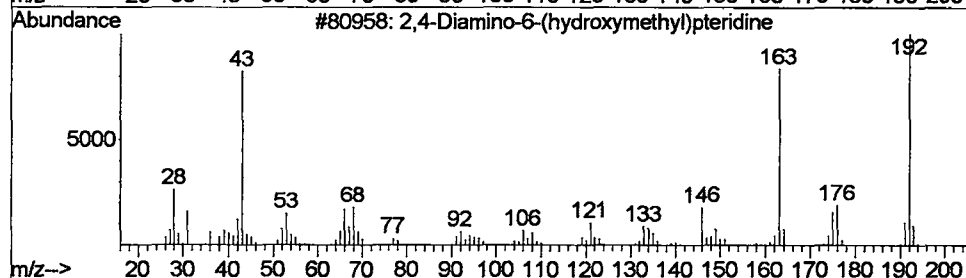
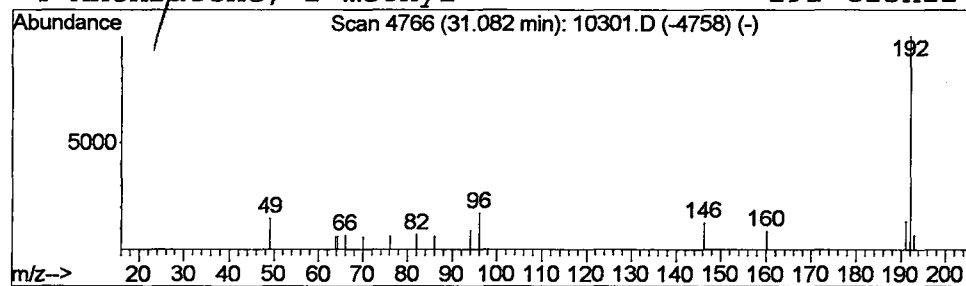
Vial: 24
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 4 2,4-Diamino-6-(hydroxymethy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.08	0.25 ug/l	17671	Phenanthrene-d10	31.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	38
2		4-Methylesculetin	192	C10H8O4	000529-84-0	9
3		3-Amino-7-methyl-1,2,4-benzotria...	192	C8H8N4O2	1000213-87-8	9
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	9



Library Search Compound Report

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Acq On : 17 May 2002 8:04 am

Sample : sample

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Vial: 24

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

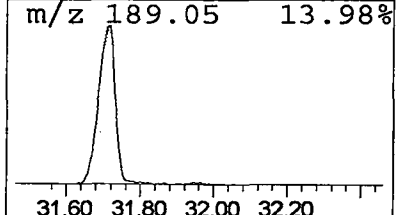
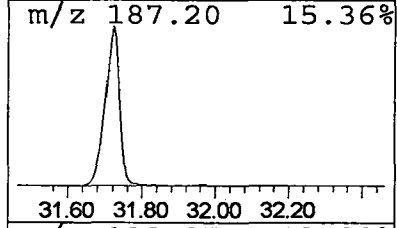
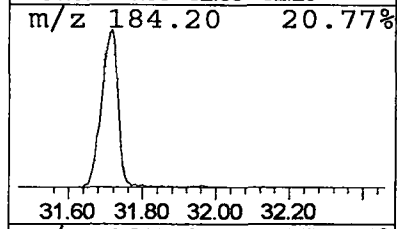
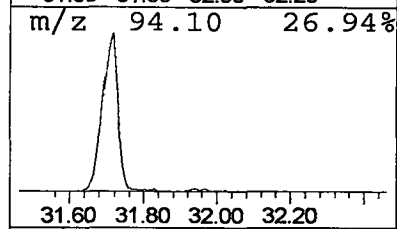
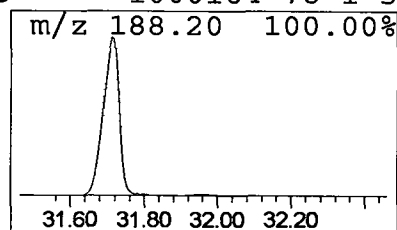
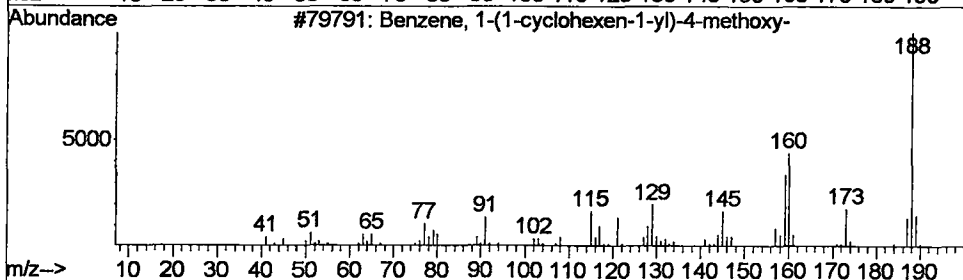
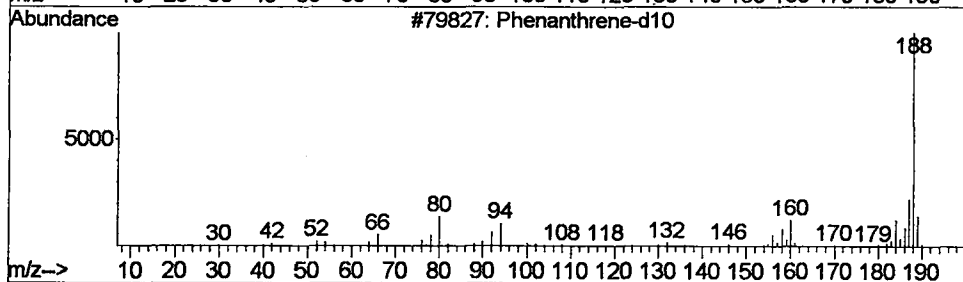
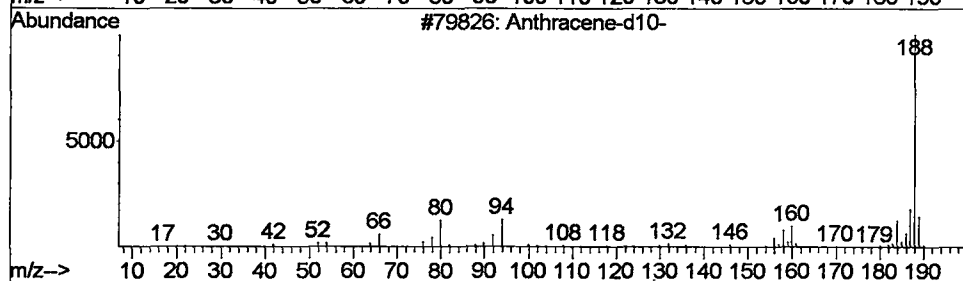
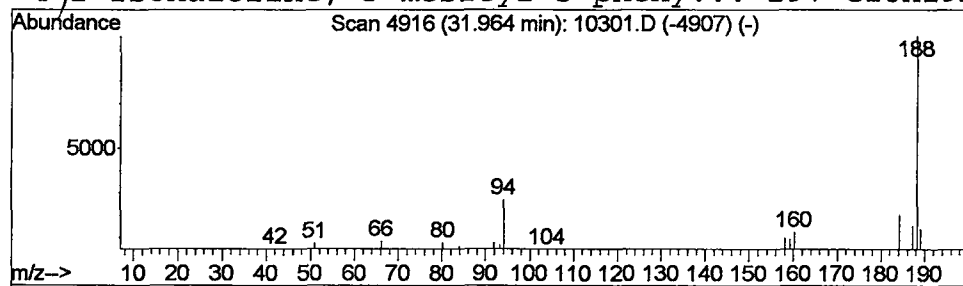
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

Peak Number 5 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.35 ug/l	24512	Phenanthrene-d10	31.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene-d10-	188	C14D10	001719-06-8	64
2			Phenanthrene-d10	188	C14D10	001517-22-2	59
3			Benzene, 1-(1-cyclohexen-1-yl)-4...	188	C13H16O	020758-60-5	53
4			2-Isoxazoline, 3-mesityl-5-pheny...	297	C18H19NOS	1000164-78-1	53



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 17 May 2002 8:04 am
Data File: C:\MSDCHEM\1\DATA\020516\10301.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title: Method 508 GC/MS Scan
Library Searched: C:\DATABASE\nist98.l

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
✓ Acetonitrile, dic...	3.64	0.3	ug/l	14460	1	11.38	2076060	40.0
✓ 2-Pentanone, 4-hy...	6.15	22.1	ug/l	1148560	1	11.38	2076060	40.0
✓ Cyclopentasiloxan...	15.46	0.3	ug/l	19183	2	16.53	2581080	40.0
2,4-Diamino-6-(hy...	31.08	0.3	ug/l	17671	4	31.71	2776760	40.0
✓ Anthracene-d10-	31.96	0.4	ug/l	24512	4	31.71	2776760	40.0