

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/28/2002 Time: 08:38:11

Sample: AE10245
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/28/02 08:37 Ended: 5/28/02 08:37 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		86		10.0

Comments for Sample AE10245 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-28-2002 Time: 08:38:19

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\10245.D
 Acq On : 17 May 2002 5:06 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 17 10:44:42 2002

Vial: 21
 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	297631	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1120083	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	598754	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1023252	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	796767	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	474030	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.55	207	164905	34.48	ug/l	-0.03
Spiked Amount	40.000		Recovery	=	86.20%	

Target Compounds

Qvalue

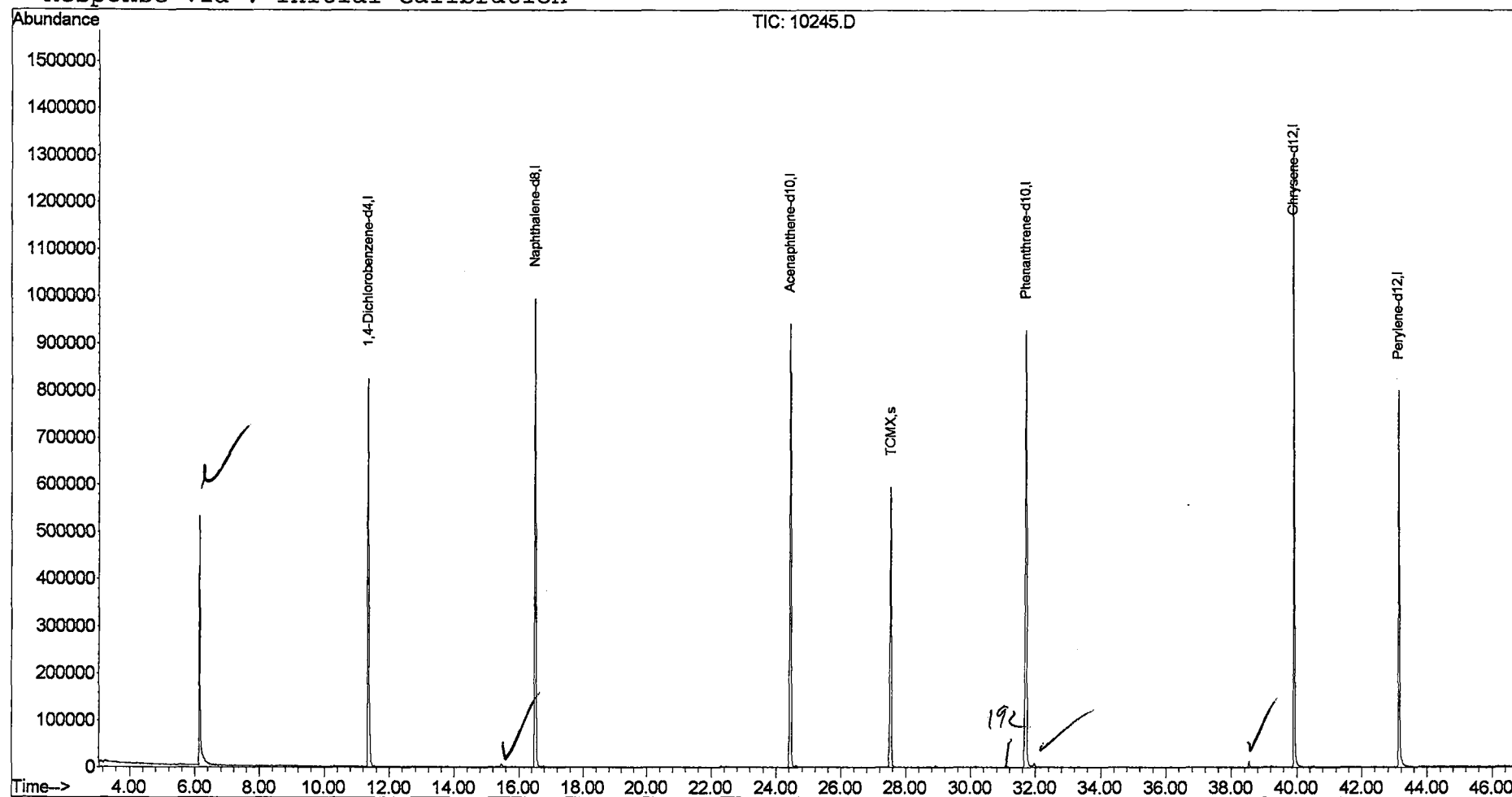
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020516\10245.D
 Acq On : 17 May 2002 5:06 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 17 10:46 2002

Vial: 21
 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\10245.D

Acq On : 17 May 2002 5:06 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 21

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

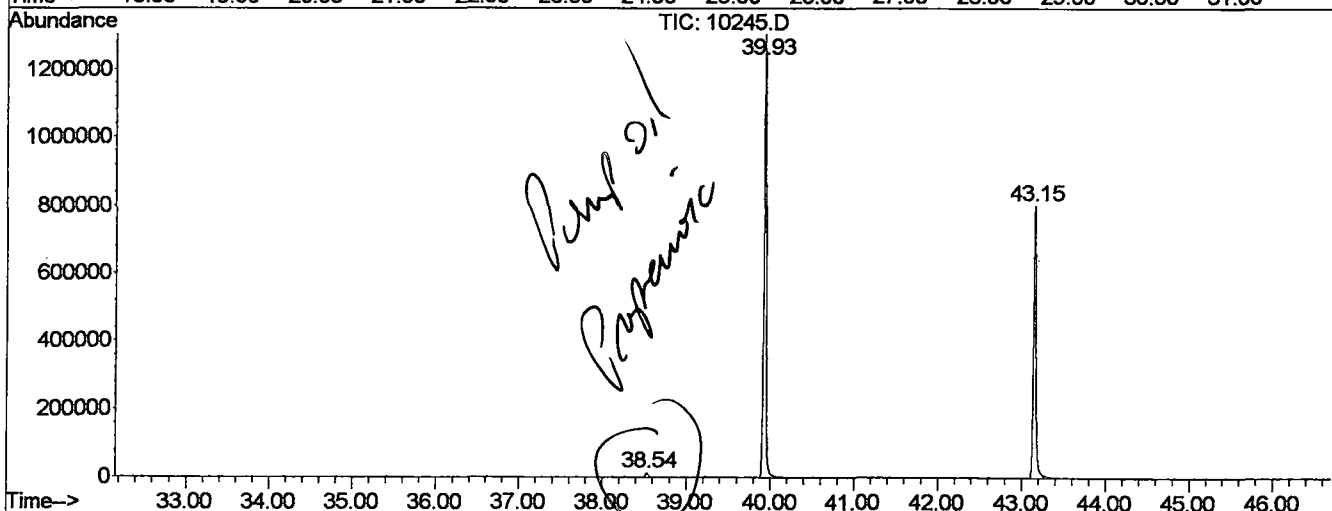
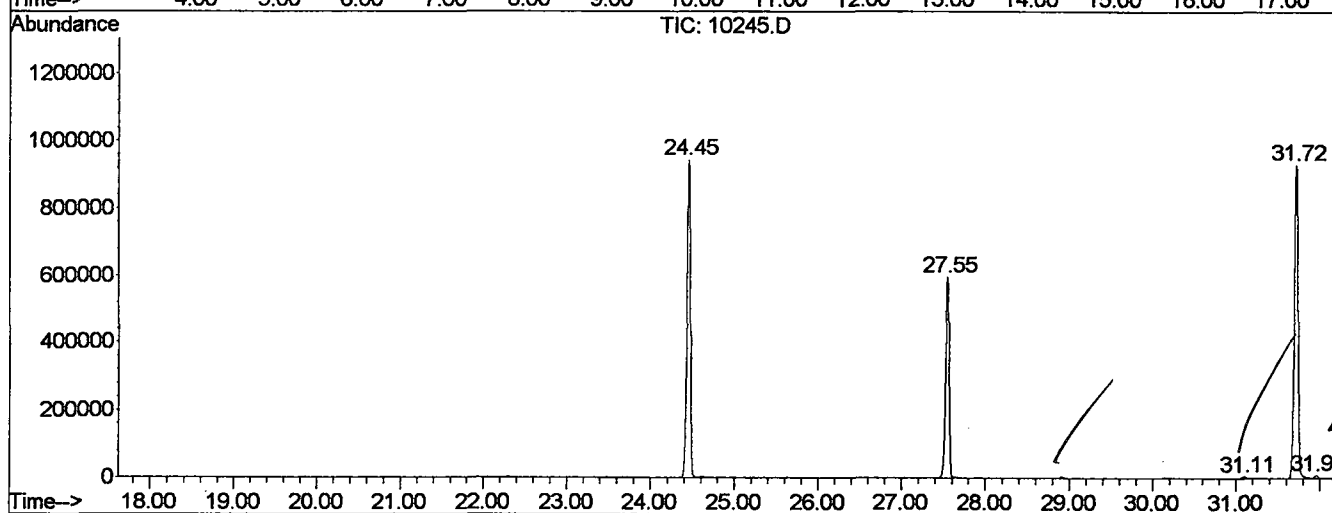
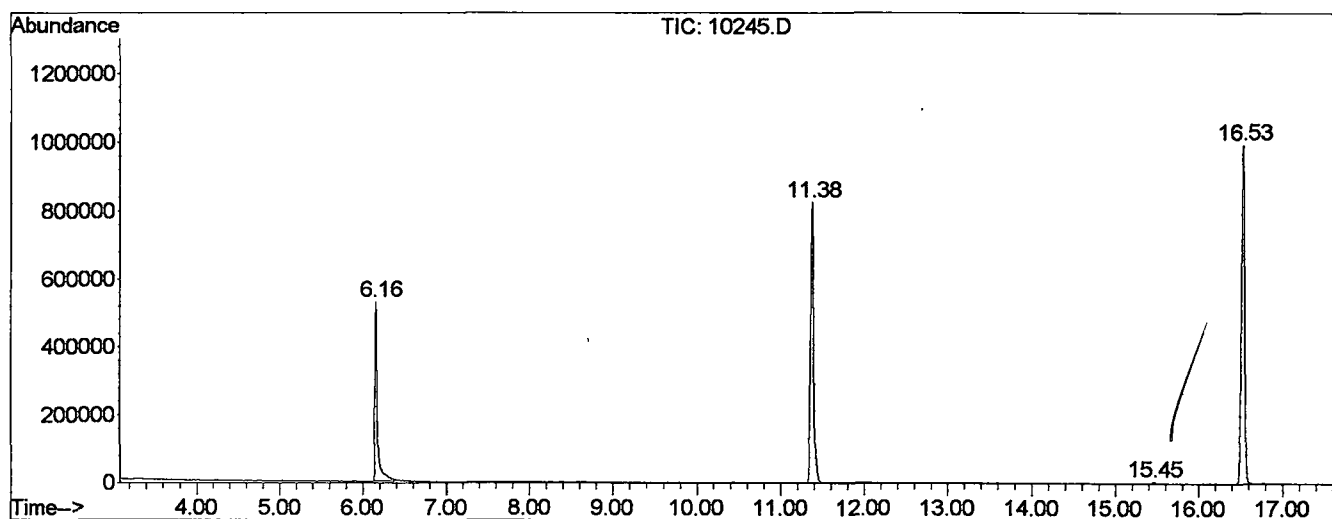
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.158	517	524	560	rBV	528885	1081107	37.75%	6.312%
2	11.376	1401	1412	1432	rBV	825163	2077776	72.55%	12.130%
3	15.453	2098	2106	2115	rVB3	5782	14699	0.51%	0.086%
4	16.534	2275	2290	2303	rBV	995017	2573937	89.88%	15.027%
5	24.455	3619	3638	3653	rBV	943405	2666905	93.12%	15.570%
6	27.551	4144	4165	4176	rBV2	595582	1701760	59.42%	9.935%
7	31.106	4758	4770	4778	rVB4	4980	16697	0.58%	0.097%
8	31.717	4856	4874	4897	rBV3	929493	2863897	100.00%	16.720%
9	31.952	4906	4914	4928	rVB4	7416	23796	0.83%	0.139%
10	38.538	6028	6035	6041	rBV3	13390	26249	0.92%	0.153%
11	39.931	6261	6272	6298	rBV2	1303303	2440322	85.21%	14.247%
12	43.151	6807	6820	6839	rBV	800696	1641621	57.32%	9.584%

Sum of corrected areas: 17128766

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020516\10245.D
Operator : Nefliu
Acquired : 17 May 2002 5:06 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 21
Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10245.D
 Acq On : 17 May 2002 5:06 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

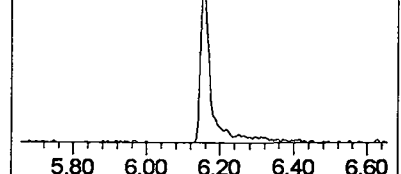
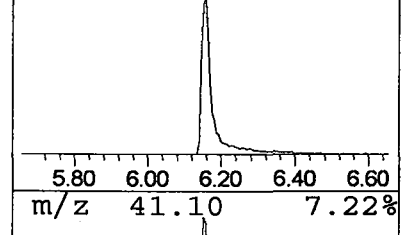
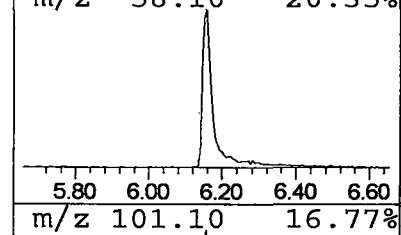
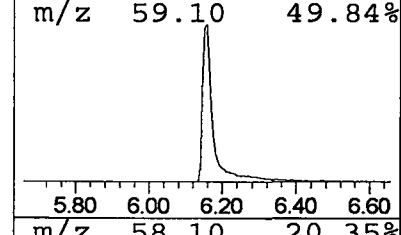
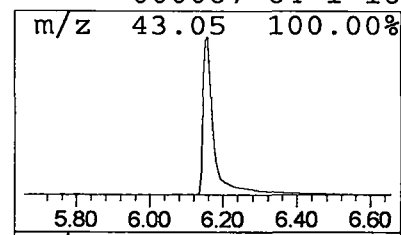
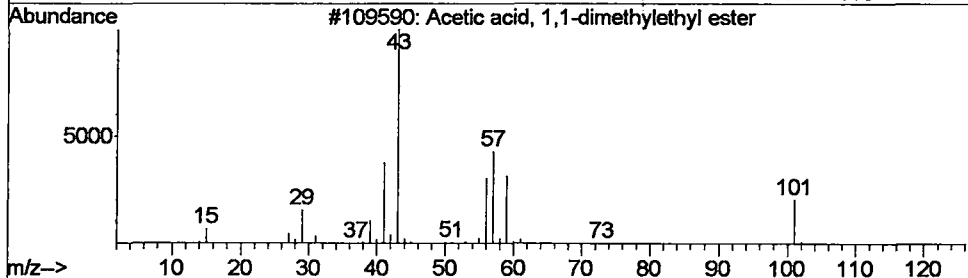
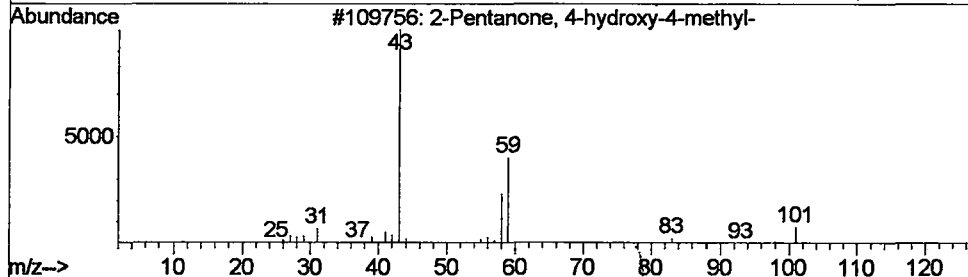
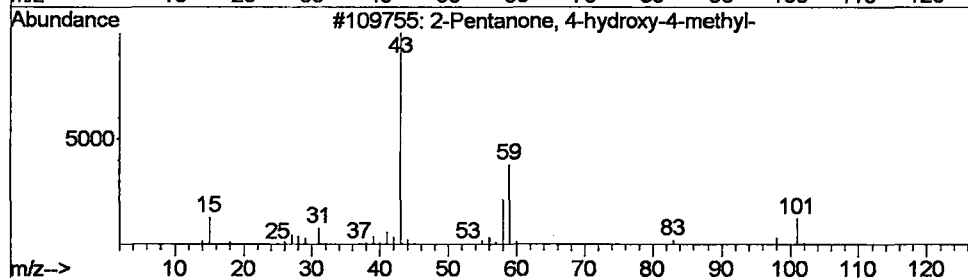
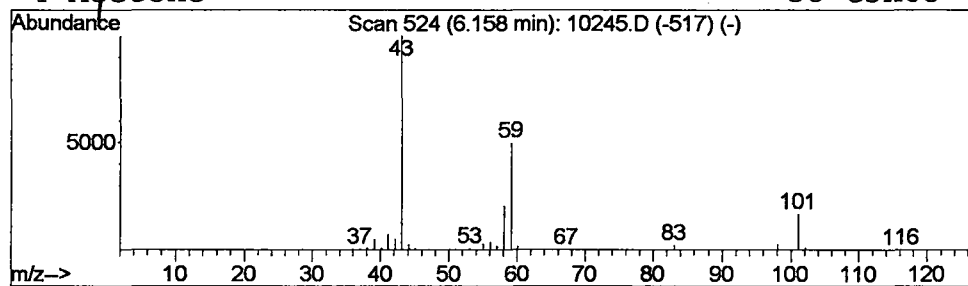
Vial: 21
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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.
6.16	20.81 ug/l	1081110	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	59
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
4		Acetone	58	C3H6O	000067-64-1	16



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10245.D
Acq On : 17 May 2002 5:06 am
Sample : sample
Misc :
MS Integration Params: rteint.e

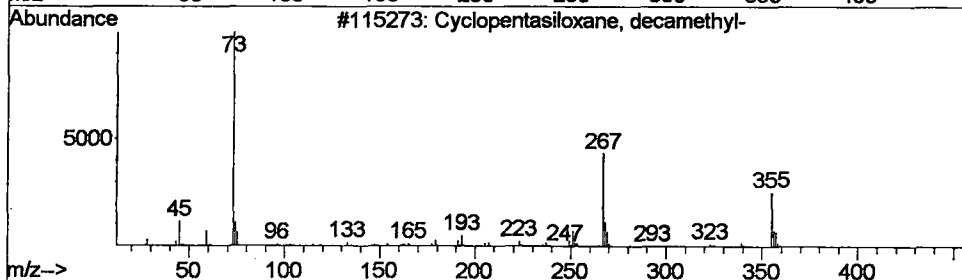
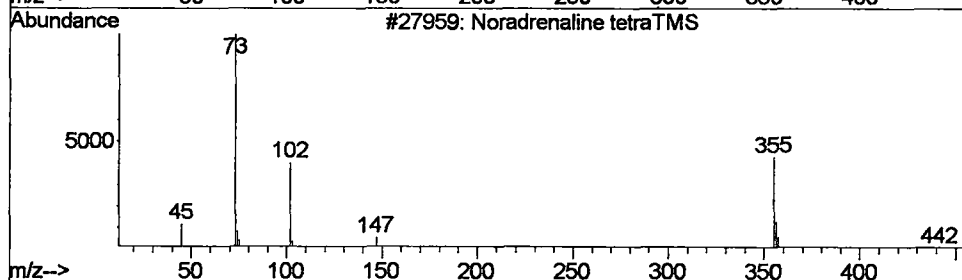
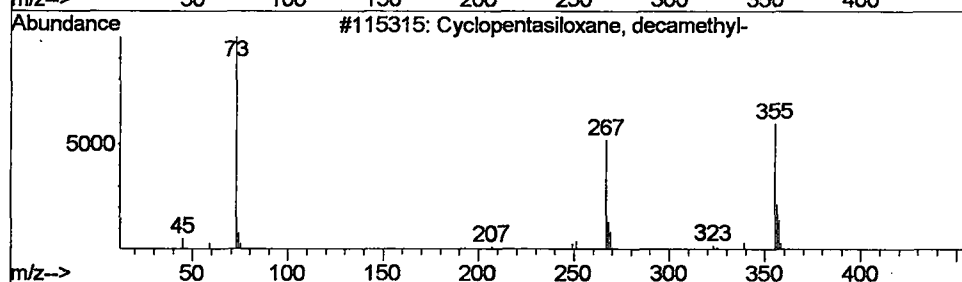
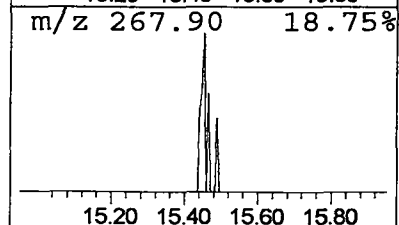
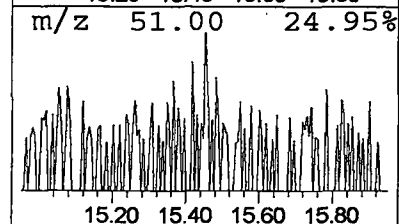
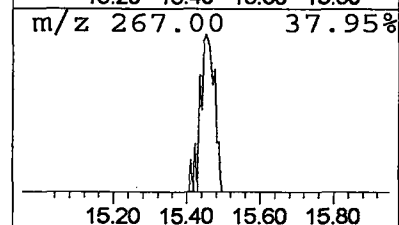
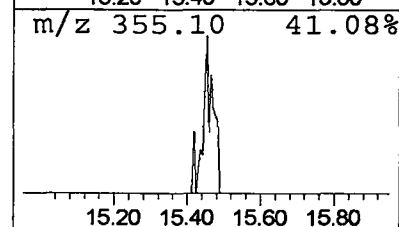
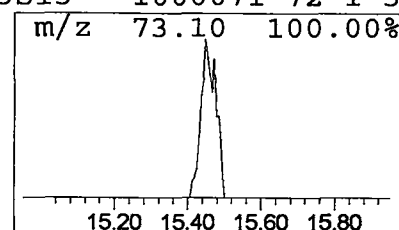
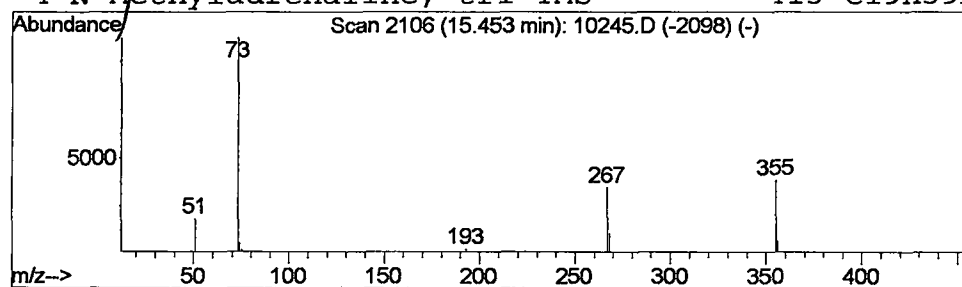
Vial: 21
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	0.23 ug/l	14699	Naphthalene-d8	16.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2		Noradrenaline tetraTMS	457	C20H43NO3Si4	068595-65-3	38
3		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	38
4		N-Methyladrenaline, tri-TMS	413	C19H39NO3Si3	1000071-72-1	36



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10245.D
Acq On : 17 May 2002 5:06 am
Sample : sample
Misc :
MS Integration Params: rteint.e

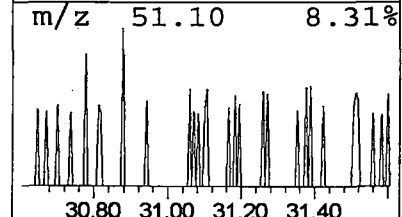
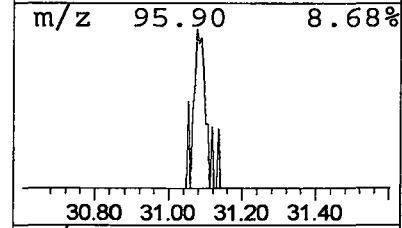
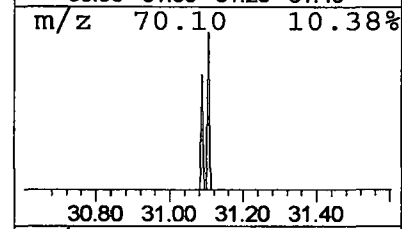
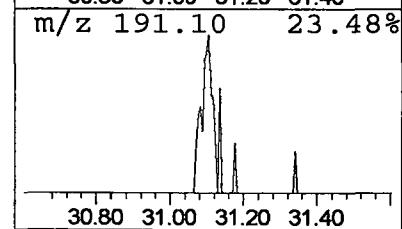
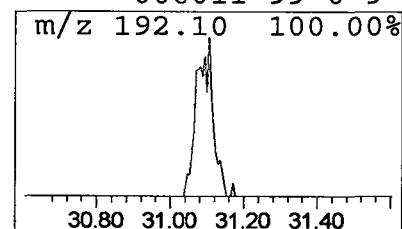
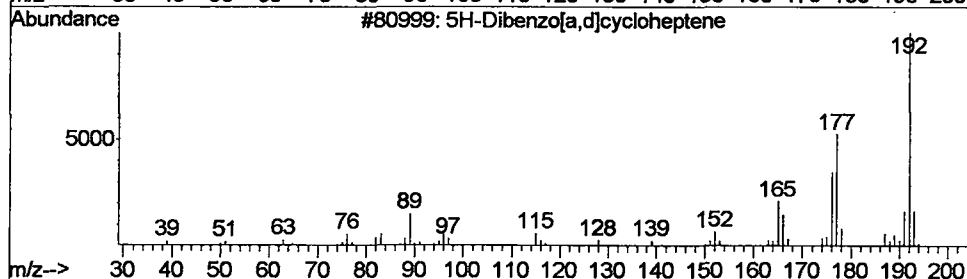
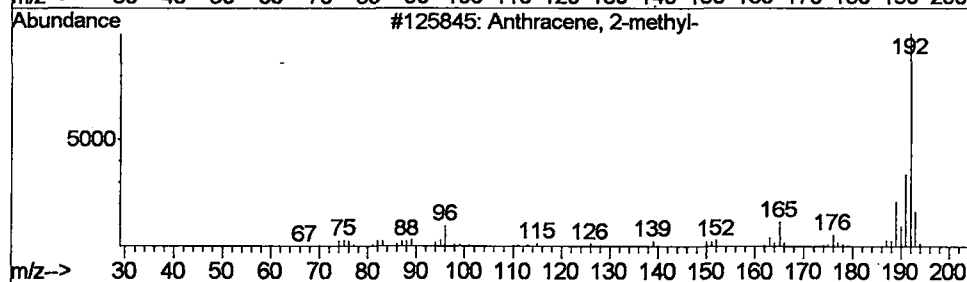
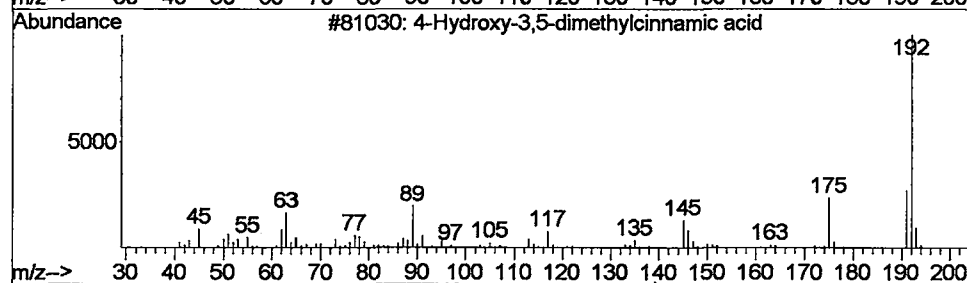
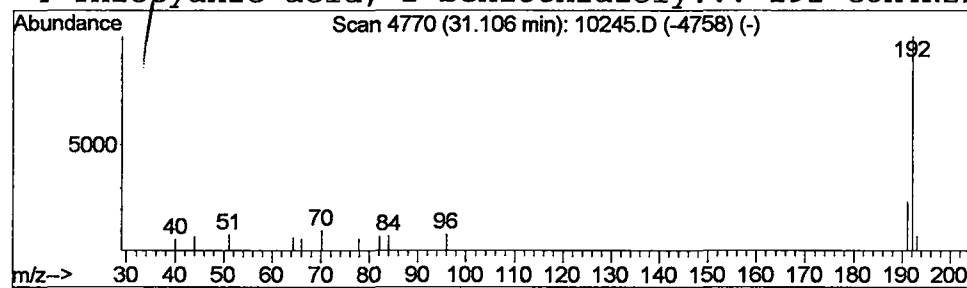
Vial: 21
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 3 4-Hydroxy-3,5-dimethylcinna... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.11	0.23 ug/l	16697	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	9
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	9
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	9
4		Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10245.D
 Acq On : 17 May 2002 5:06 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

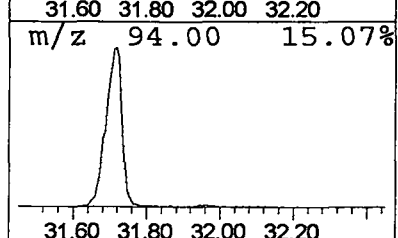
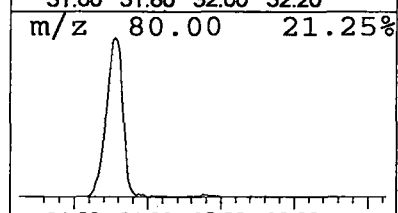
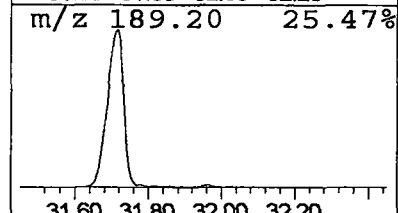
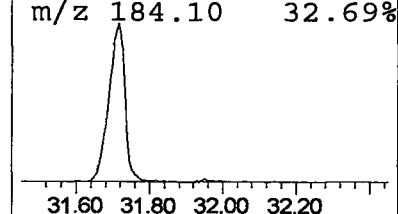
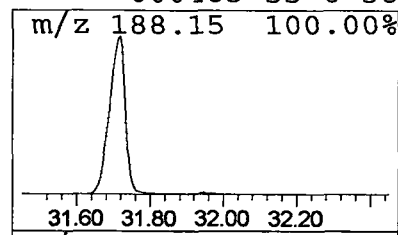
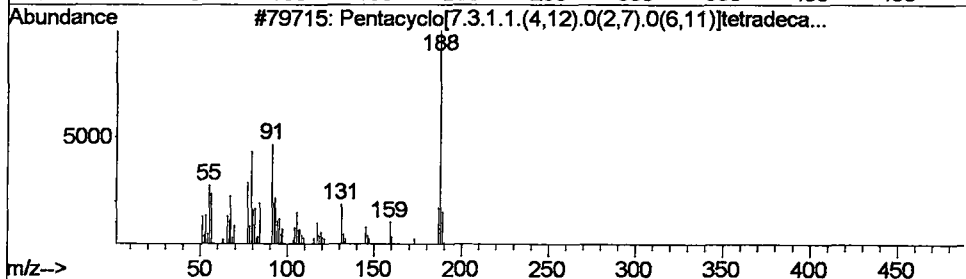
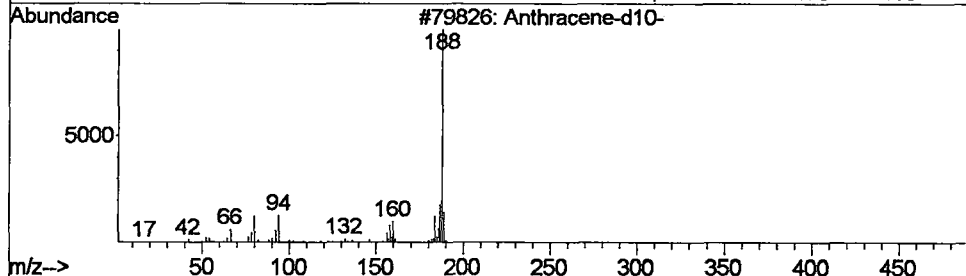
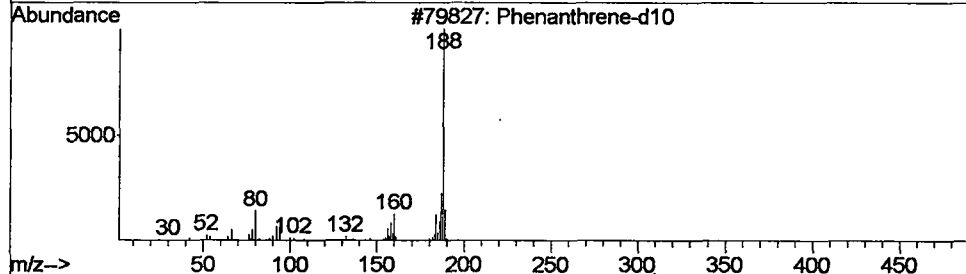
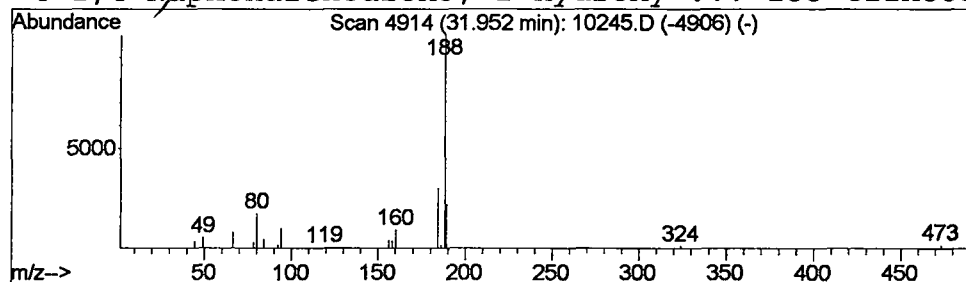
Vial: 21
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 4 Phenanthrene-d10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.33 ug/l	23796	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene-d10	188	C14D10	001517-22-2	76
2		Anthracene-d10-	188	C14D10	001719-06-8	58
3		Pentacyclo[7.3.1.1.(4,12).0(2,7)...]	188	C14H20	1000215-61-8	40
4		1,4-Naphthalenedione, 2-hydroxy-...	188	C11H8O3	000483-55-6	38



Library Search Compound Report

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Acq On : 17 May 2002 5:06 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 21

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

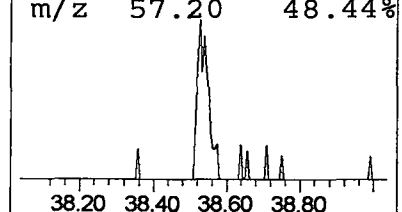
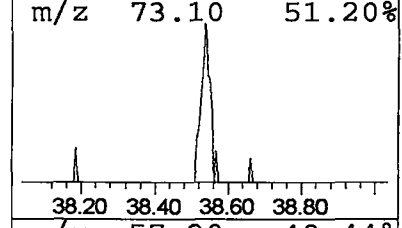
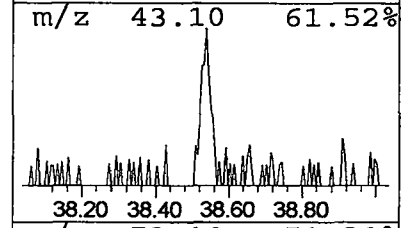
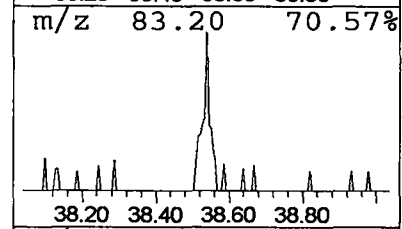
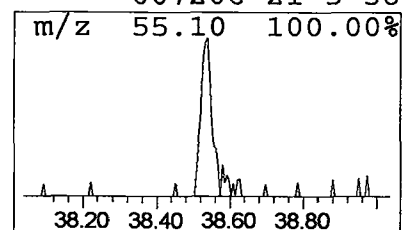
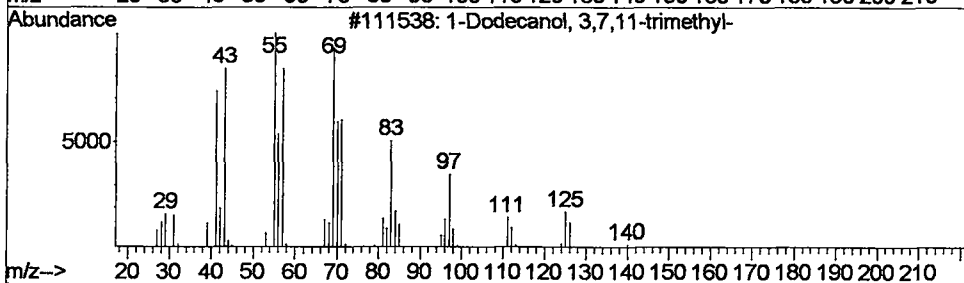
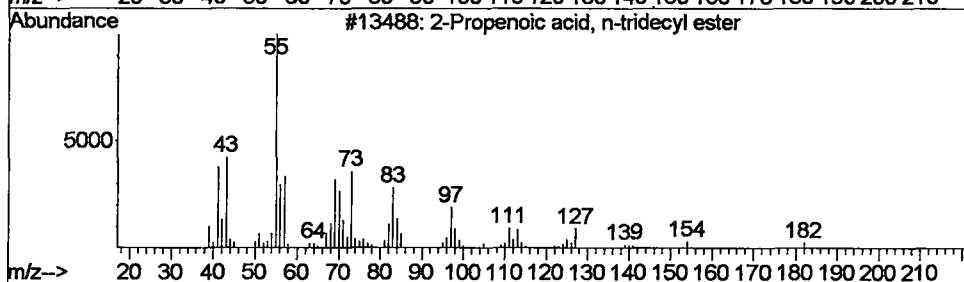
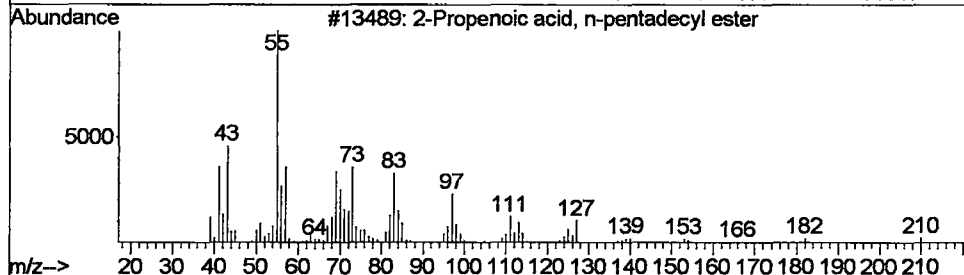
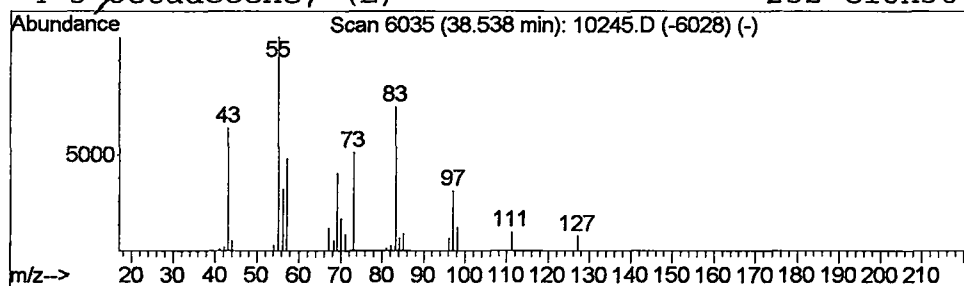
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 5 2-Propenoic acid, n-pentade... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.54	0.43 ug/l	26249	Chrysene-d12	39.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, n-pentadecyl e...	282	C18H34O2	1000245-64-0	59	
2	2-Propenoic acid, n-tridecyl ester	254	C16H30O2	1000245-63-8	56	
3	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	40	
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	38	



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 17 May 2002 5:06 am
Data File: C:\MSDCHEM\1\DATA\020516\10245.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
2-Pentanone, 4-hy...	6.16	20.8	ug/l	1081110	1	11.38	2077780	40.0
Cyclopentasiloxan...	15.45	0.2	ug/l	14699	2	16.53	2573940	40.0
4-Hydroxy-3,5-dim	31.11	0.2	ug/l	16697	4	31.72	2863900	40.0
Phenanthrene-d10	31.95	0.3	ug/l	23796	4	31.72	2863900	40.0
2-Propenoic acid,...	38.54	0.4	ug/l	26249	5	39.93	2440320	40.0