

Jser: Vinci, David L
Nestchester Dept. of Labs & Research
Date: 05/22/2002 Time: 11:12:13

Sample: AE11158
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/22/02 11:11 Ended: 5/22/02 11:11 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		85		10.0

omments for Sample AE11158 - Analysis \$GCMS

/estchester Dept. of Labs & Research

ser: Vinci, David L

ate: 05-22-2002 Time: 11:12:43

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020515\11158.D Vial: 10
 Acq On : 15 May 2002 8:43 pm Operator: Nefliu
 Sample : sample Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: rteint.e
 Quant Time: May 16 09:51:44 2002 Quant Results File: SCAN020507.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Last Update : Wed May 15 15:22:39 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	407787	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1513193	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.45	164	812538	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1391127	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1112991	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	659581	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.55	207	219442	33.81	ug/l	-0.02
Spiked Amount	40.000		Recovery	=	84.53%	
Target Compounds						
43) Bis(2-ethylhexyl)phthalate	40.52	149	24526	1.03	ug/l	Qvalue 90

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 11158.D SCAN020507.M Thu May 16 09:52:52 2002 Page 1

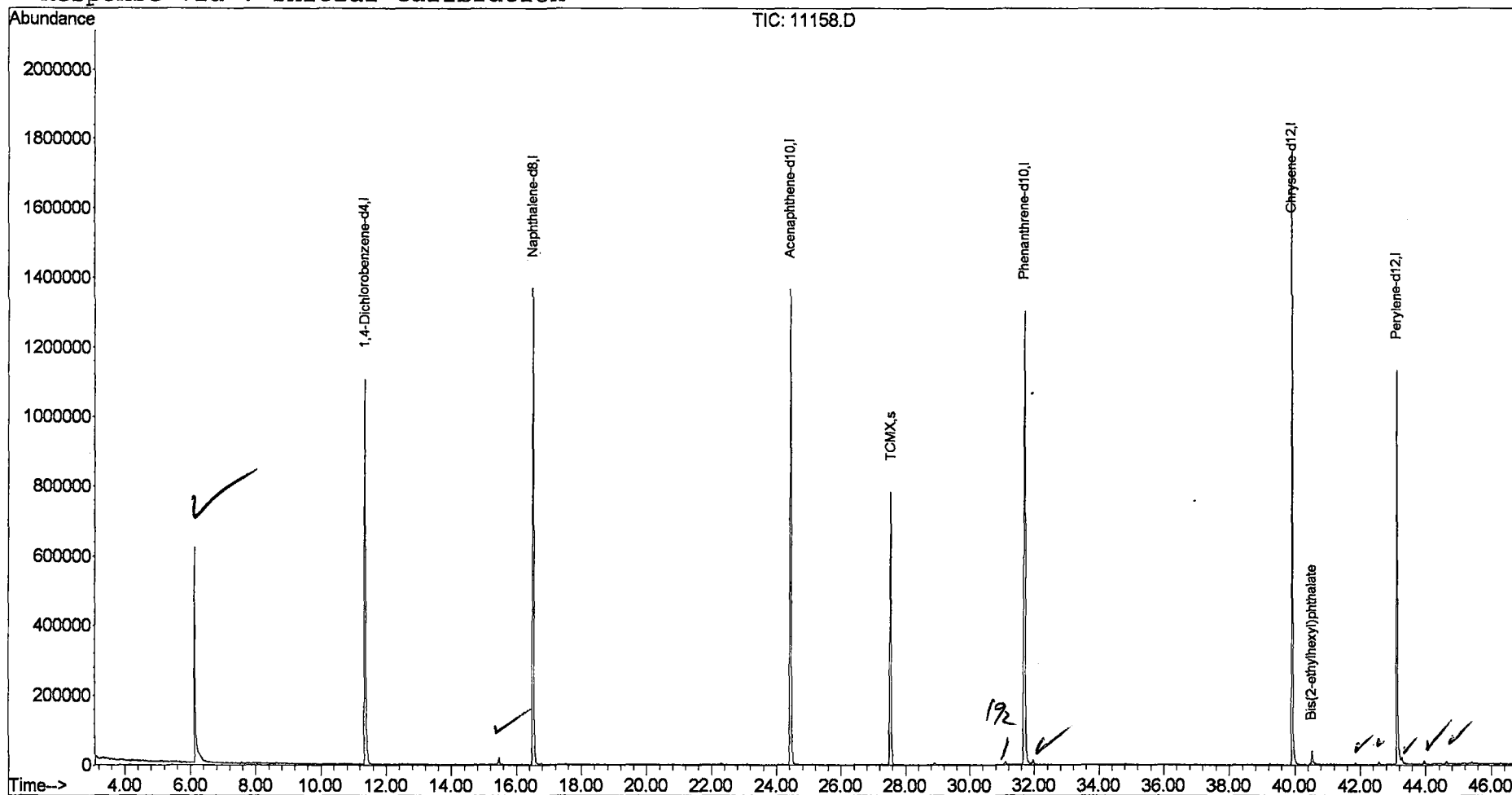
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020515\11158.D
 Acq On : 15 May 2002 8:43 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 16 9:52 2002

Vial: 10
 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 : Wed May 15 15:22:39 2002
 Response via : Initial Calibration



11158.D SCAN020507.M

Thu May 16 09:52:53 2002

Page 2

LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020515\11158.D

Acq On : 15 May 2002 8:43 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 10

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

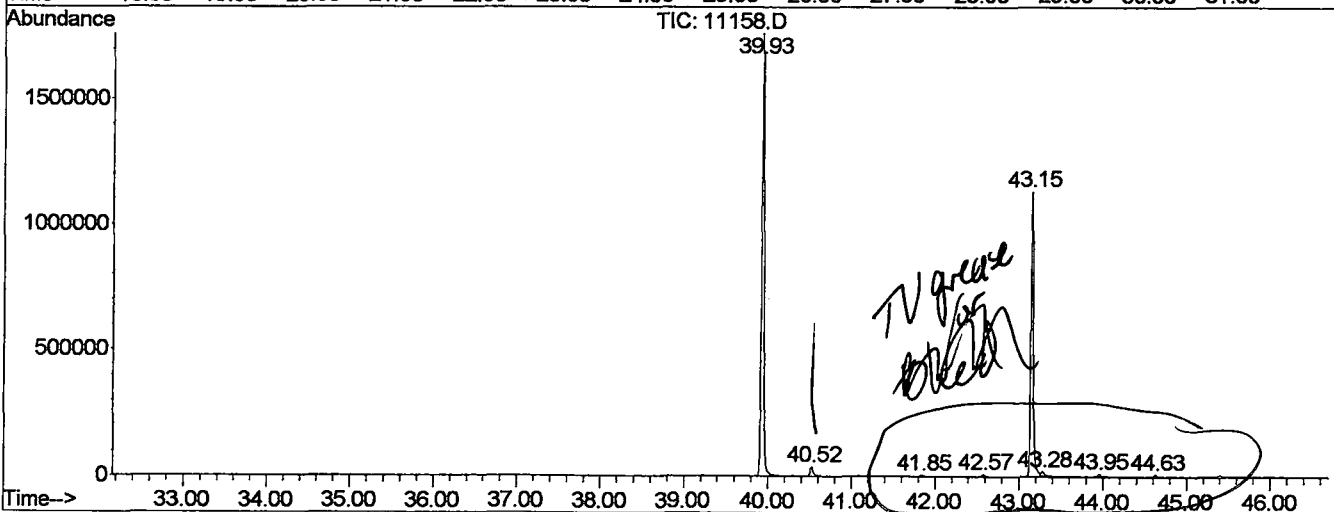
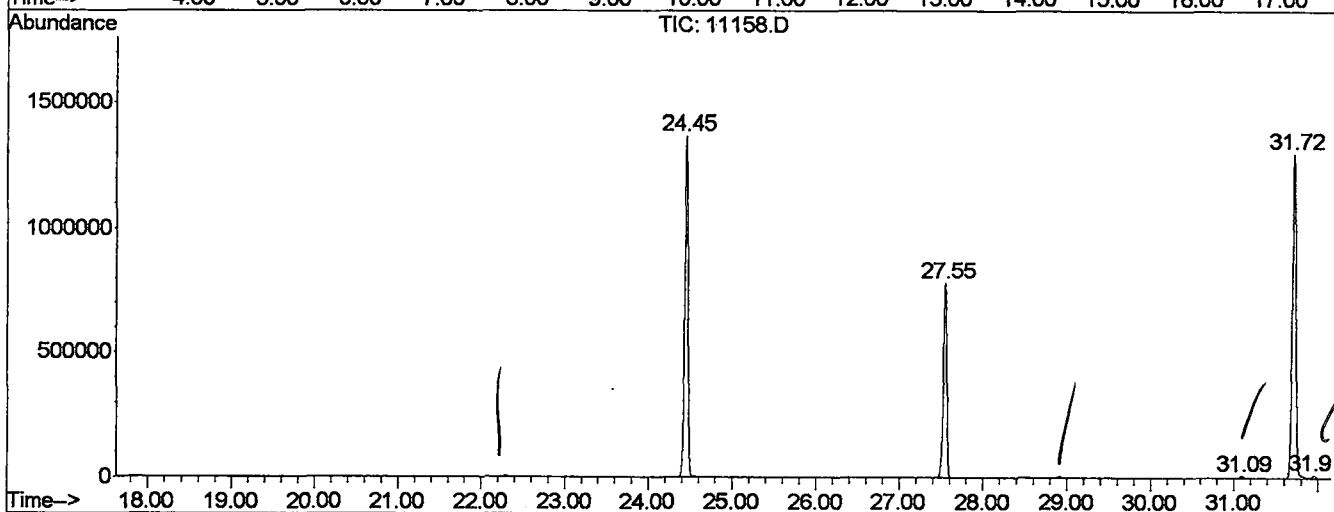
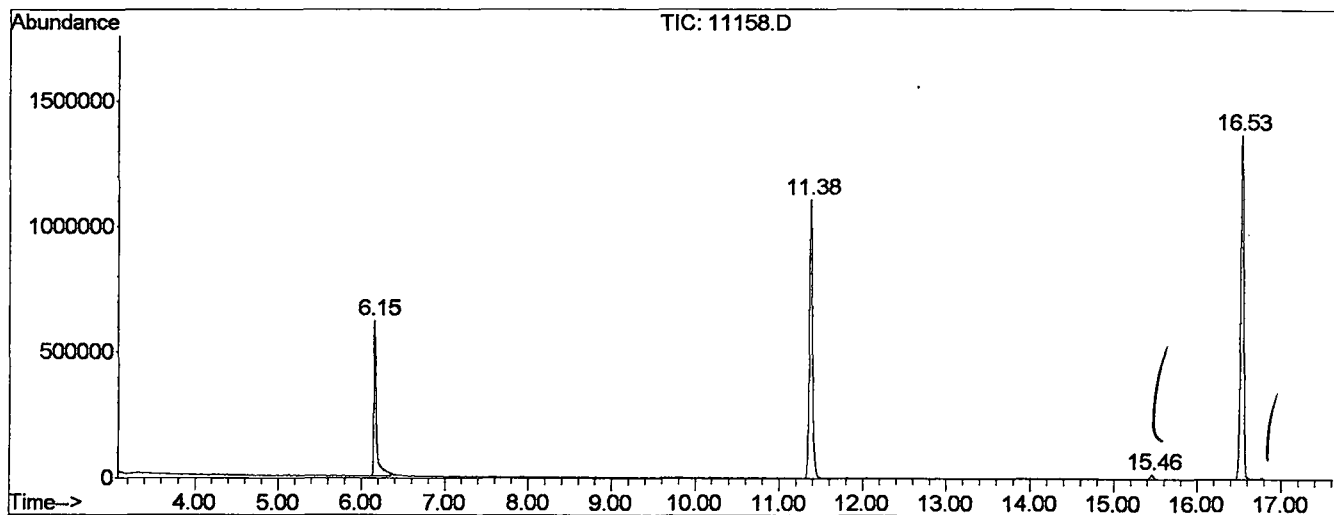
Signal : TIC

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	556	rBV	618208	1268669	32.56%	5.422%
2	11.376	1397	1412	1432	rBV	1106007	2823966	72.48%	12.069%
3	15.459	2097	2107	2118	rBV2	20528	53086	1.36%	0.227%
4	16.534	2273	2290	2306	rBV	1369017	3490085	89.57%	14.916%
5	24.455	3623	3638	3650	rBV	1366186	3633870	93.26%	15.531%
6	27.551	4146	4165	4179	rBV	782973	2217107	56.90%	9.476%
7	31.094	4761	4768	4777	rVB4	8357	22639	0.58%	0.097%
8	31.717	4855	4874	4898	rBV3	1302272	3896411	100.00%	16.653%
9	31.952	4904	4914	4929	rVB3	12292	38240	0.98%	0.163%
10	39.931	6260	6272	6300	rBV2	1760771	3401970	87.31%	14.540%
11	40.524	6365	6373	6389	rBV3	36827	95904	2.46%	0.410%
12	41.846	6587	6598	6606	rBV6	6566	19680	0.51%	0.084%
13	42.575	6712	6722	6732	rBV6	10355	27460	0.70%	0.117%
14	43.151	6809	6820	6837	rBV	1130788	2314250	59.39%	9.891%
15	43.280	6837	6842	6854	rVB7	17348	51916	1.33%	0.222%
16	43.950	6951	6956	6963	rBV5	10987	22661	0.58%	0.097%
17	44.631	7066	7072	7082	rVB8	7865	20098	0.52%	0.086%

Sum of corrected areas: 23398012

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020515\11158.D
 Operator : Nefliu
 Acquired : 15 May 2002 8:43 pm using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 10
 Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\11158.D
Acq On : 15 May 2002 8:43 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

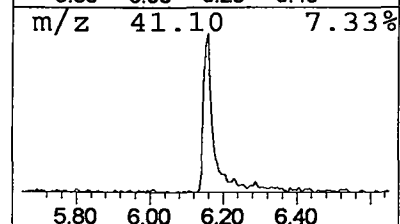
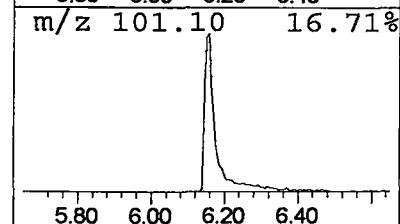
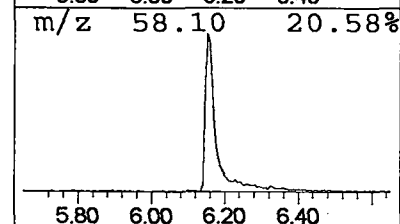
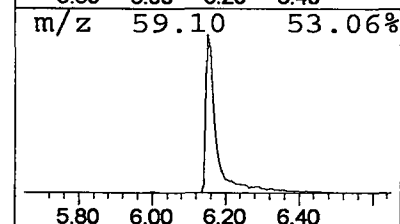
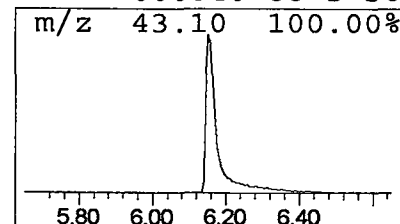
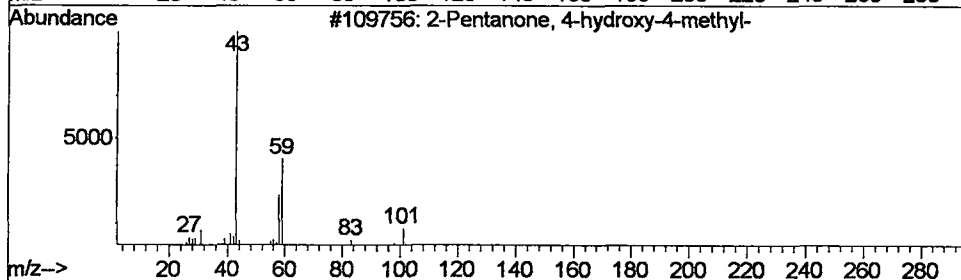
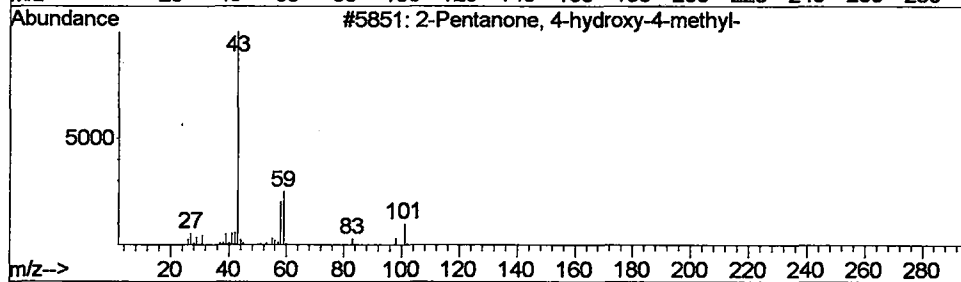
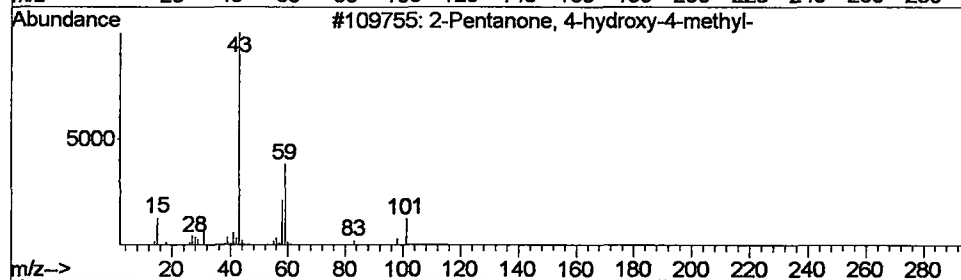
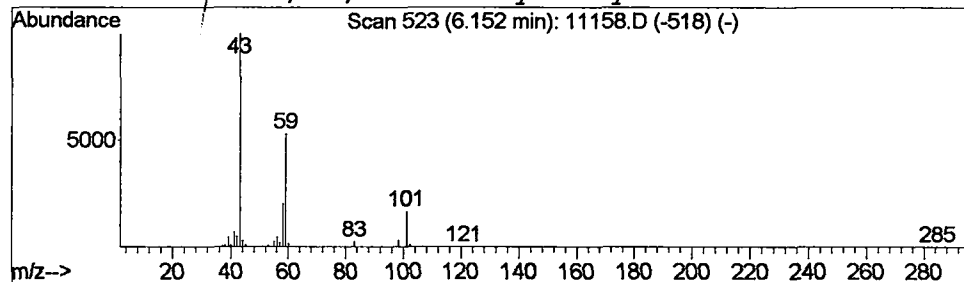
Vial: 10
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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	17.97 ug/l	1268670	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	59		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36		



Library Search Compound Report

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Acq On : 15 May 2002 8:43 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

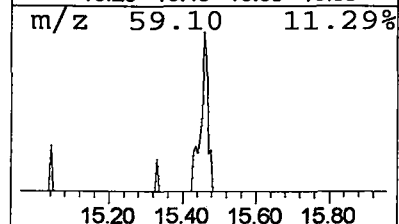
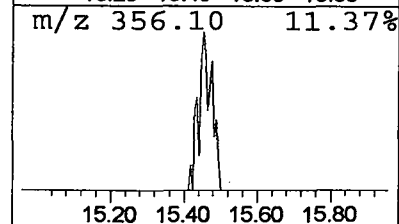
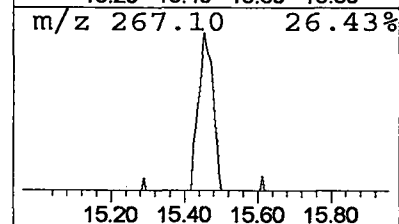
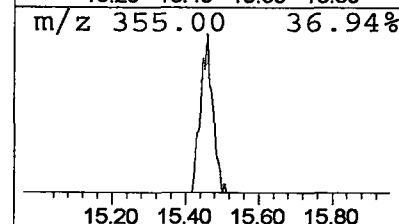
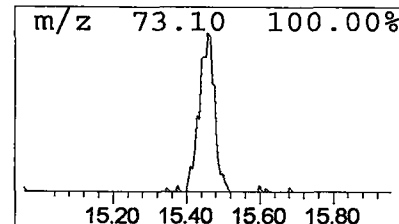
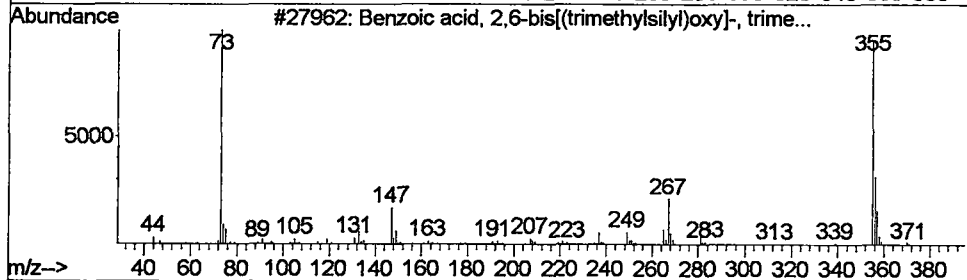
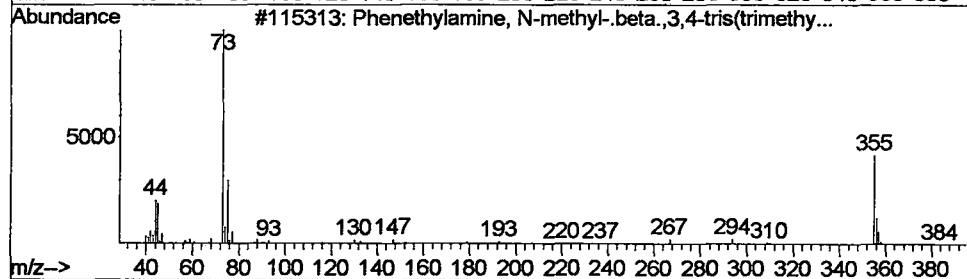
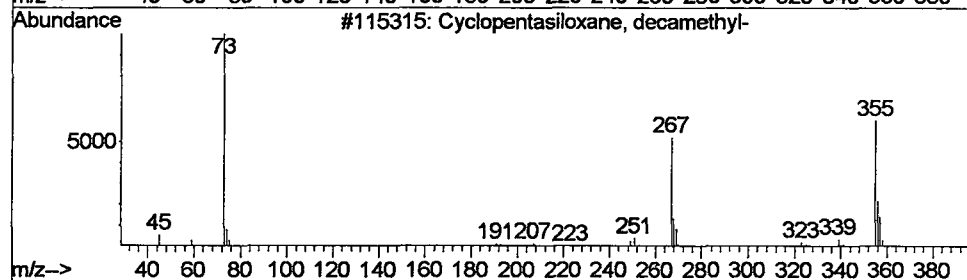
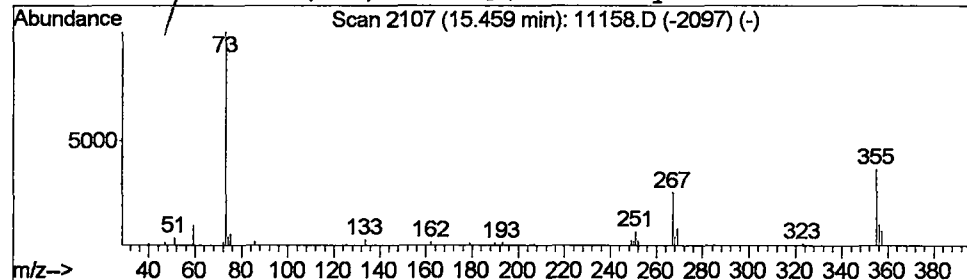
Vial: 10
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	0.61 ug/l	53086	Naphthalene-d8	16.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	50
2			Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	43
3			Benzoic acid, 2,6-bis[(trimethyl...	370	C16H30O4Si3	003782-85-2	42
4			Benzoic acid, 2,4-bis[(trimethyl...	370	C16H30O4Si3	010586-16-0	37



Library Search Compound Report

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 Acq On : 15 May 2002 8:43 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

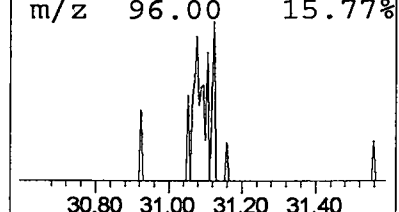
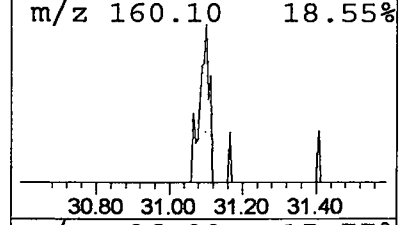
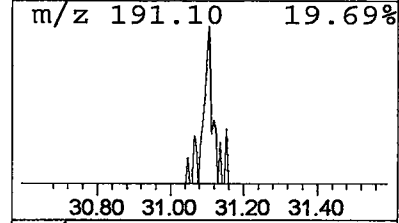
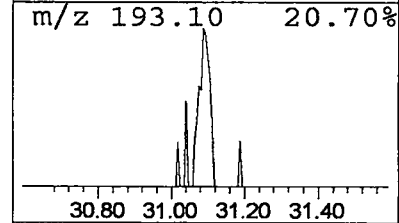
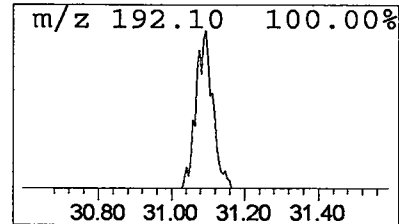
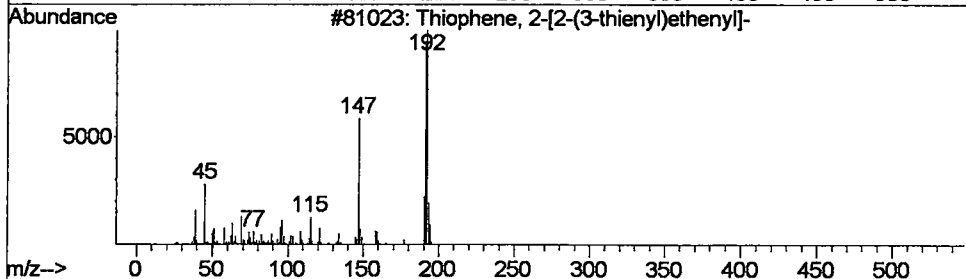
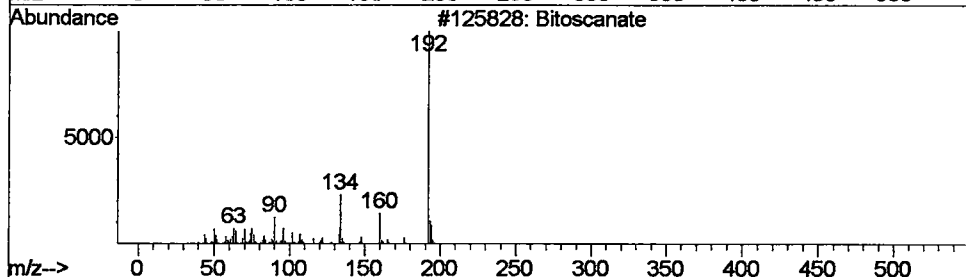
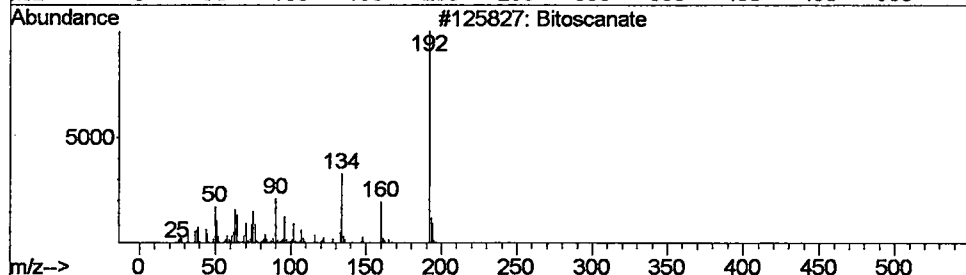
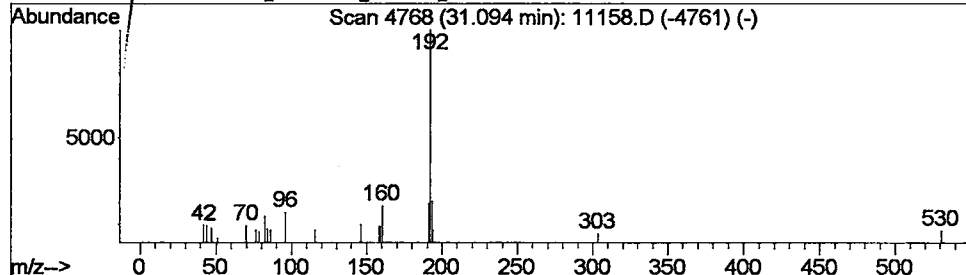
Vial: 10
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 3 Bitoscanate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.23 ug/l	22639	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bitoscanate	192	C8H4N2S2	004044-65-9	47
2		Bitoscanate	192	C8H4N2S2	004044-65-9	43
3		Thiophene, 2-[2-(3-thienyl)ethen...	192	C10H8S2	116854-09-2	40
4		cis-2-Methyl-4-phenylthiane	192	C12H16S	076097-69-3	40



Library Search Compound Report

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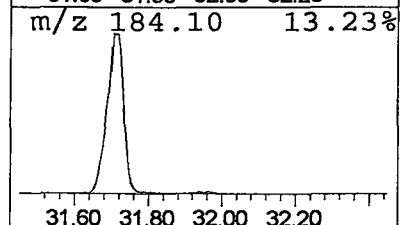
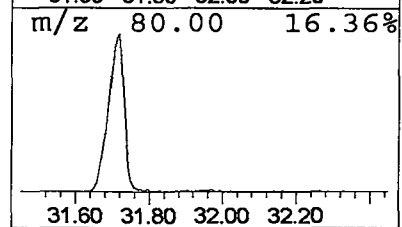
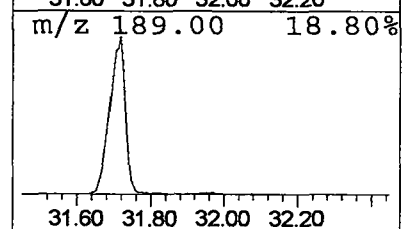
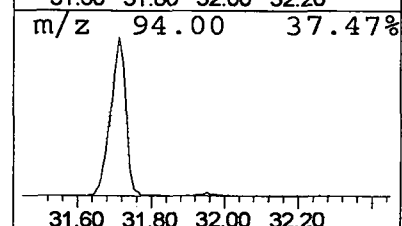
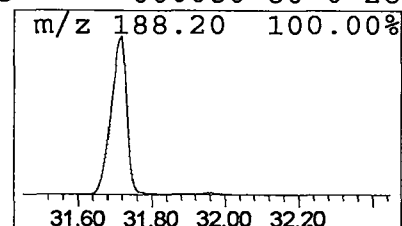
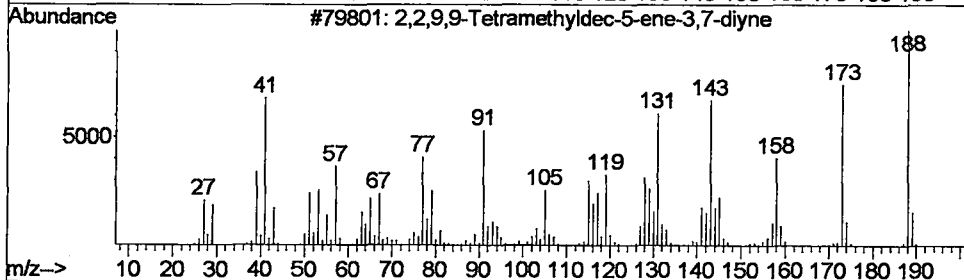
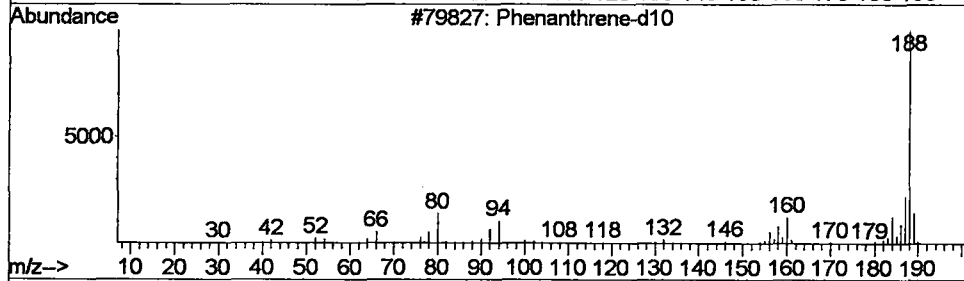
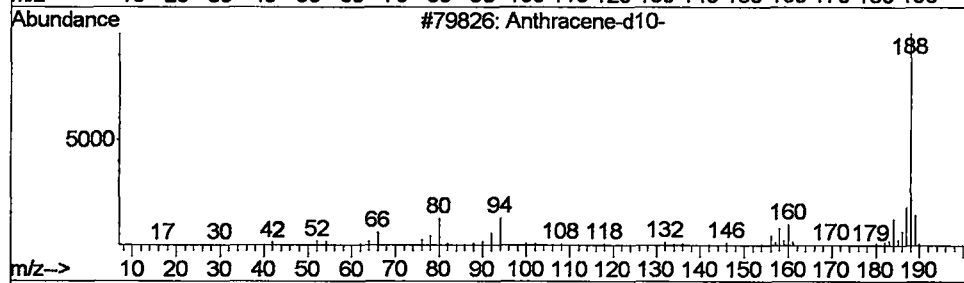
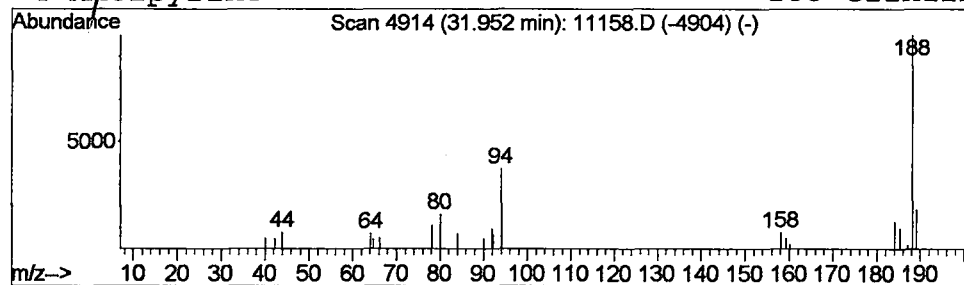
Vial: 10
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 4 Anthracene-d10- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.39 ug/l	38240	Phenanthrene-d10	31.72

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	64
3		2,2,9,9-Tetramethyldec-5-ene-3,7...	188	C14H20	102745-35-7	37
4		Antipyrine	188	C11H12N2O	000060-80-0	28



Library Search Compound Report

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MS Integration Params: rteint.e

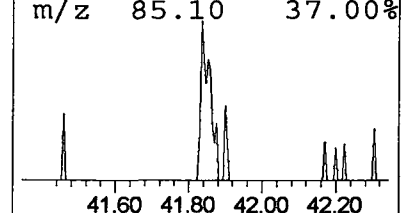
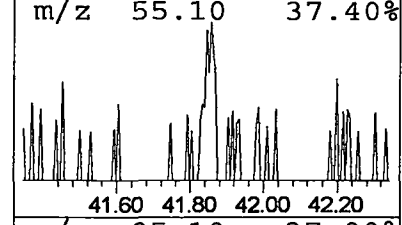
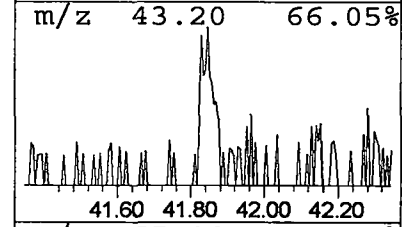
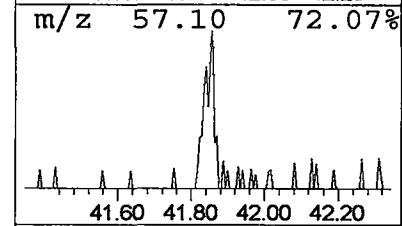
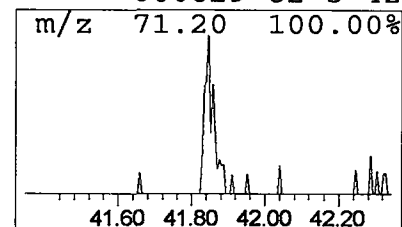
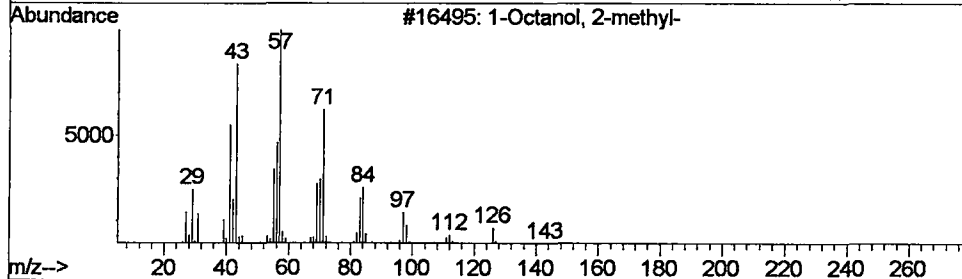
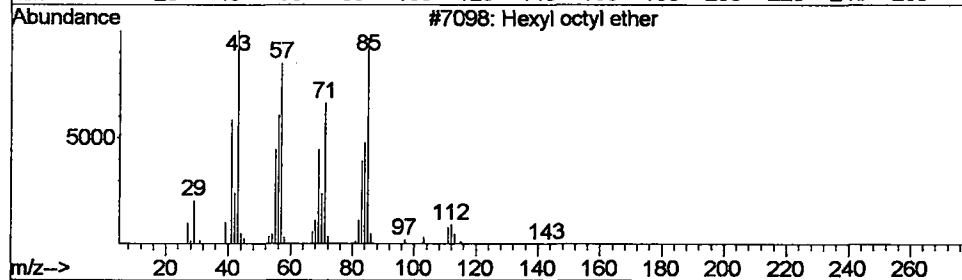
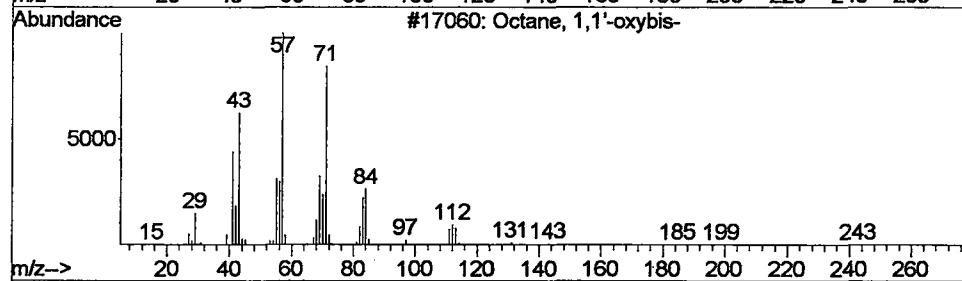
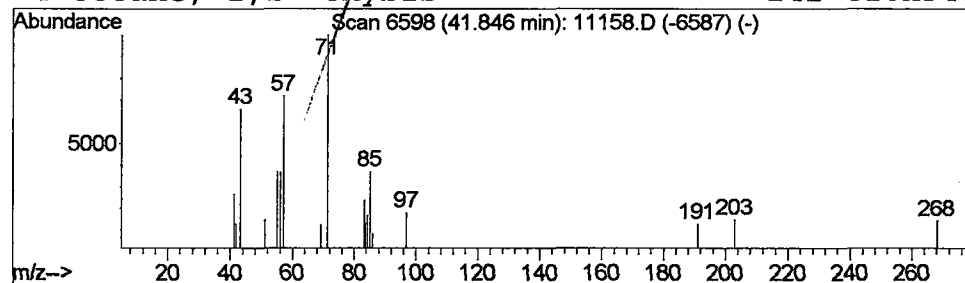
Vial: 10
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 5 Octane, 1,1'-oxybis- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
41.85	0.34 ug/l	19680	Perylene-d12	43.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	53
2			Hexyl octyl ether	214	C14H30O	017071-54-4	43
3			1-Octanol, 2-methyl-	144	C9H20O	000818-81-5	43
4			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	42



Library Search Compound Report

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 Acq On : 15 May 2002 8:43 pm
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 Misc :
 MS Integration Params: rteint.e

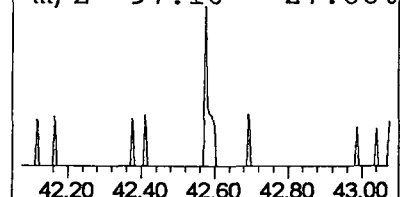
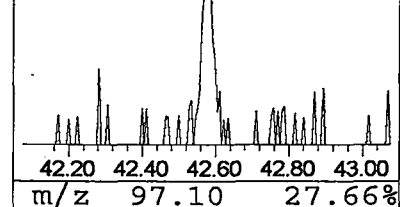
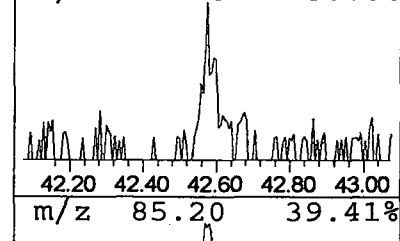
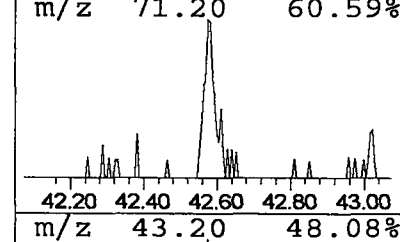
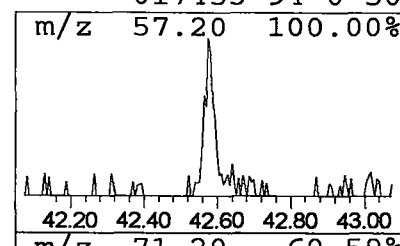
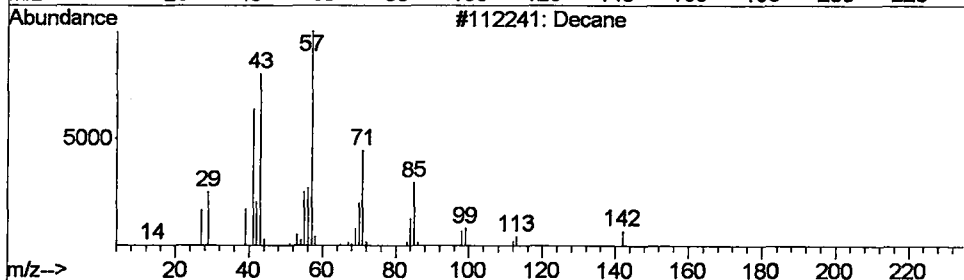
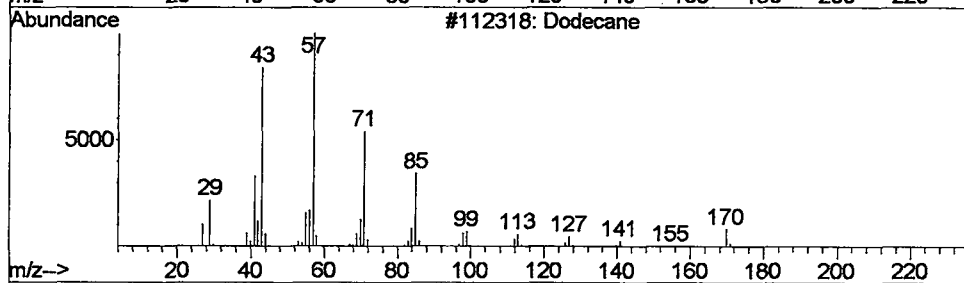
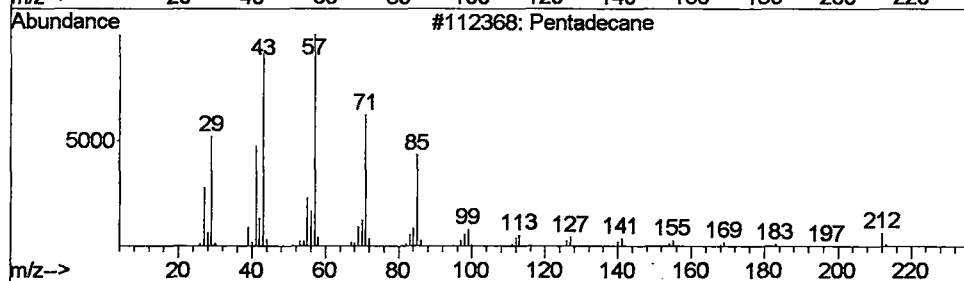
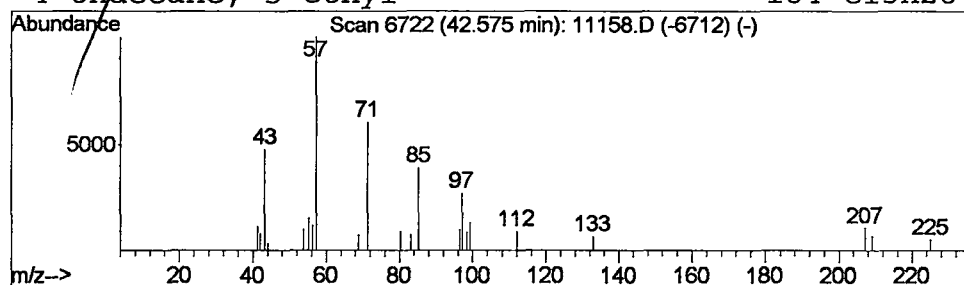
Vial: 10
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 6 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
42.57	0.47 ug/l	27460	Perylene-d12	43.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	53
2		Dodecane	170	C12H26	000112-40-3	53
3		Decane	142	C10H22	000124-18-5	50
4		Undecane, 5-ethyl-	184	C13H28	017453-94-0	50



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\11158.D
 Acq On : 15 May 2002 8:43 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

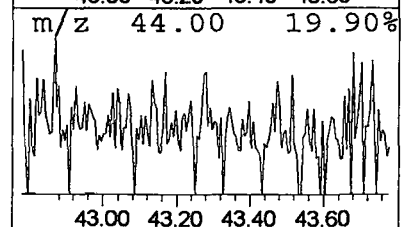
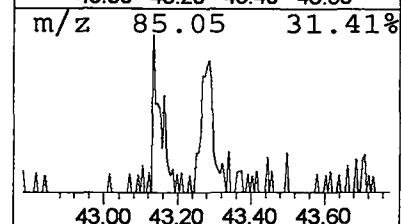
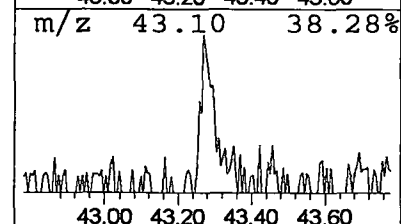
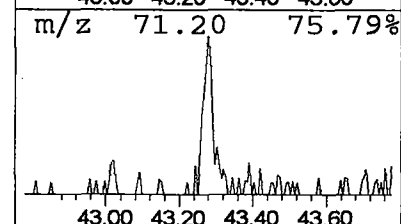
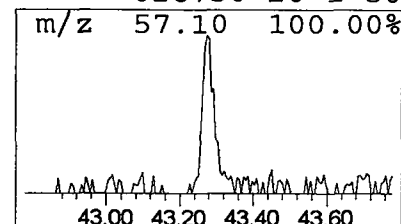
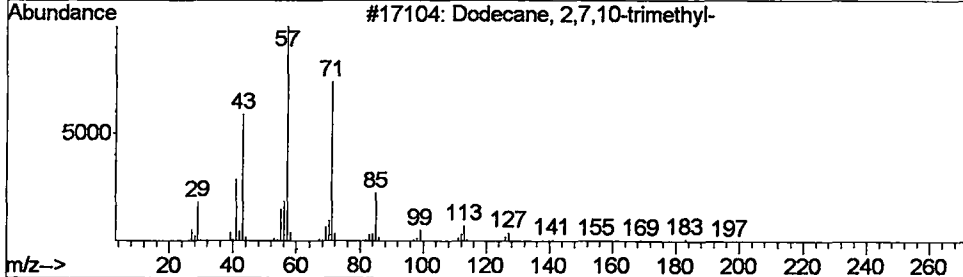
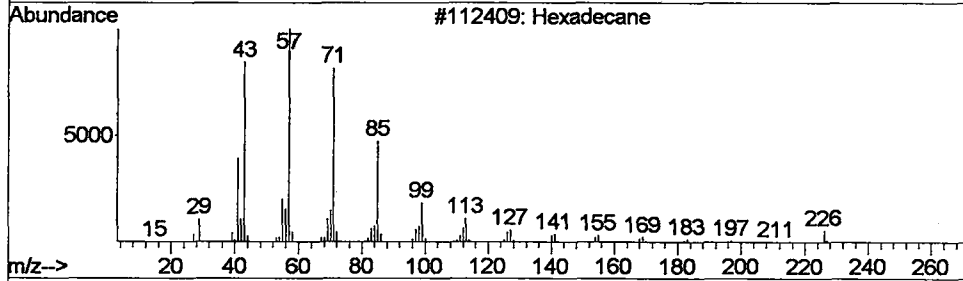
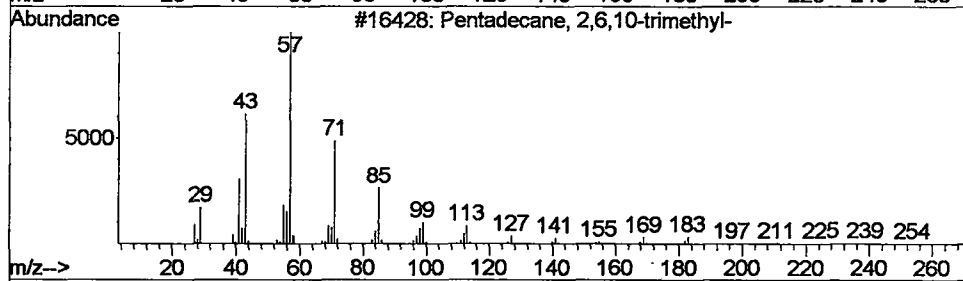
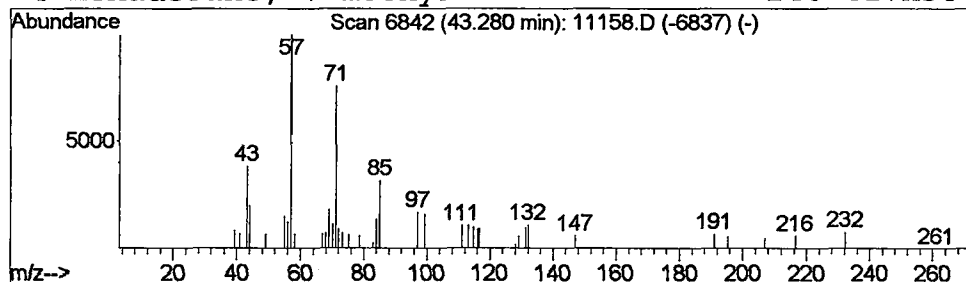
Vial: 10
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 7 Pentadecane, 2,6,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
43.28	0.90 ug/l	51916	Perylene-d12	43.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	50
2	Hexadecane	226	C16H34	000544-76-3	50
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	50



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\11158.D
 Acq On : 15 May 2002 8:43 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

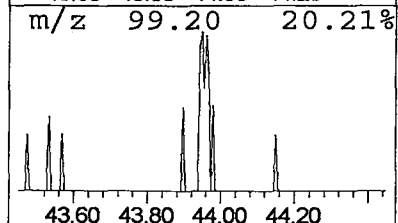
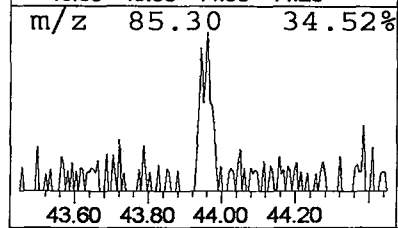
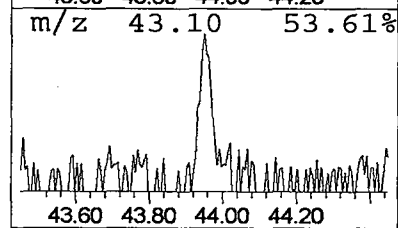
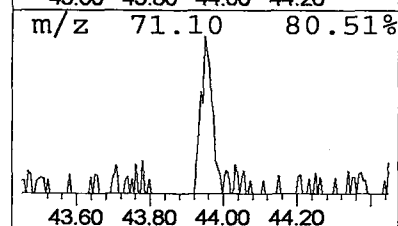
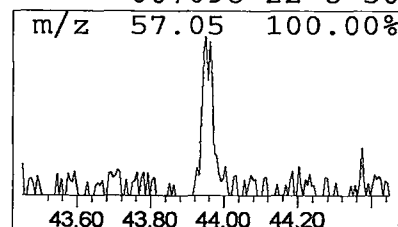
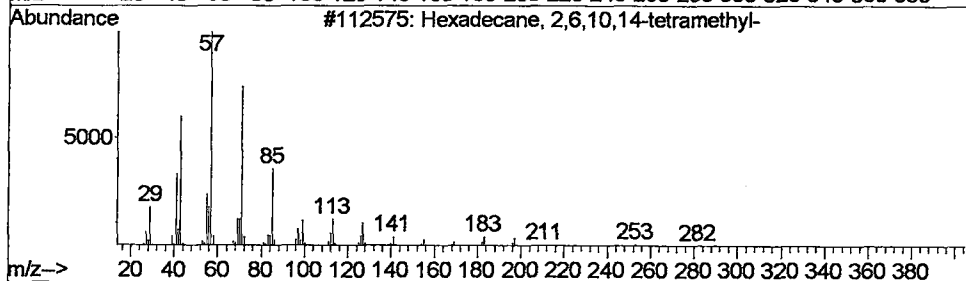
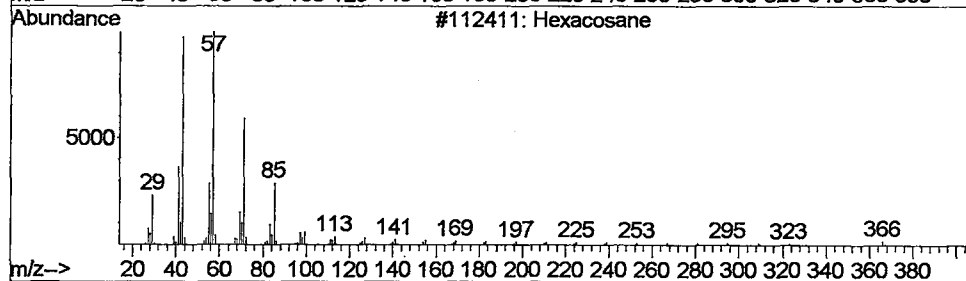
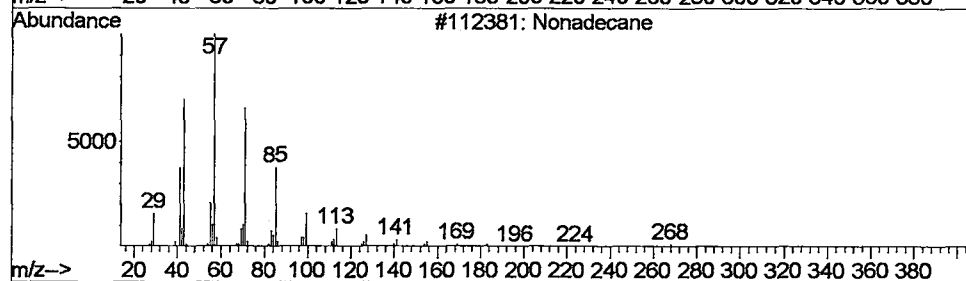
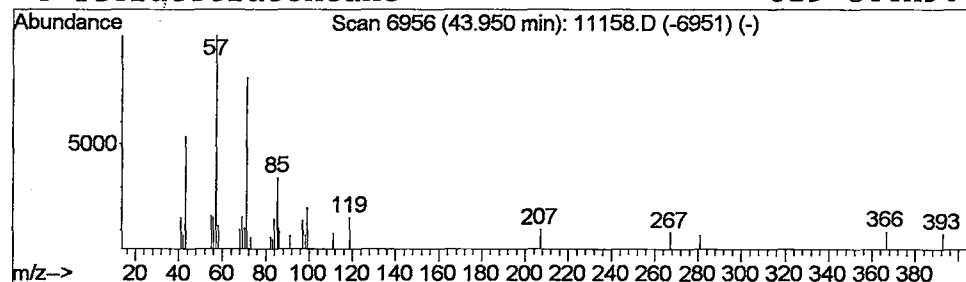
Vial: 10
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 8 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
43.95	0.39 ug/l	22661	Perylene-d12	43.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	53	
2	Hexacosane	366	C26H54	000630-01-3	53	
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	50	
4	Tetratetracontane	619	C44H90	007098-22-8	50	



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\11158.D
Acq On : 15 May 2002 8:43 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

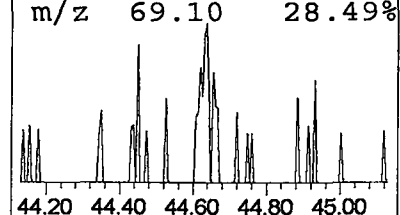
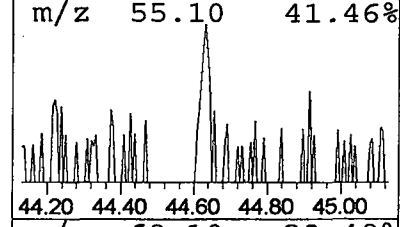
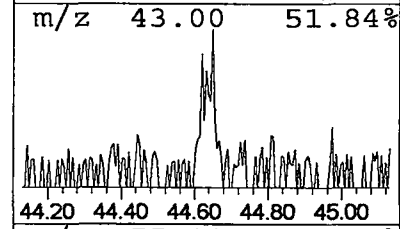
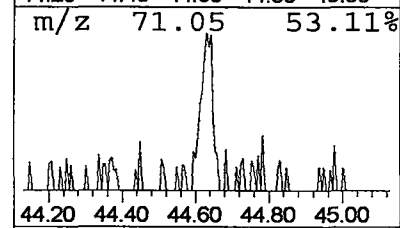
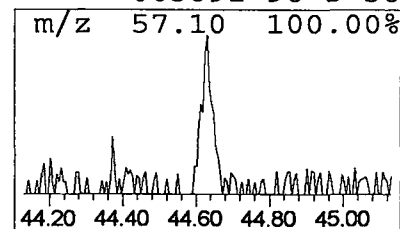
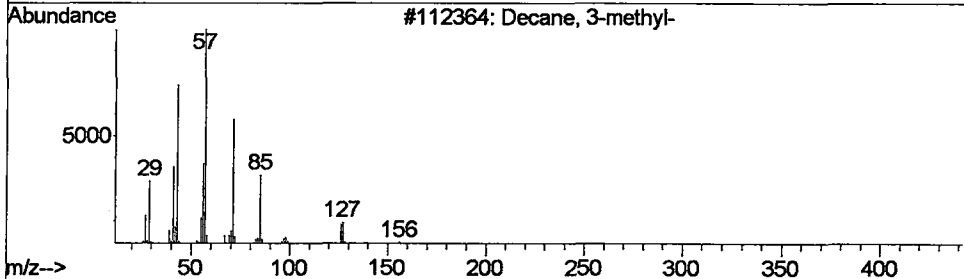
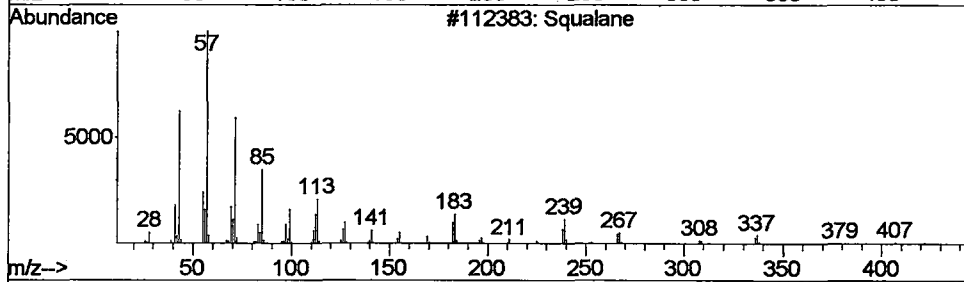
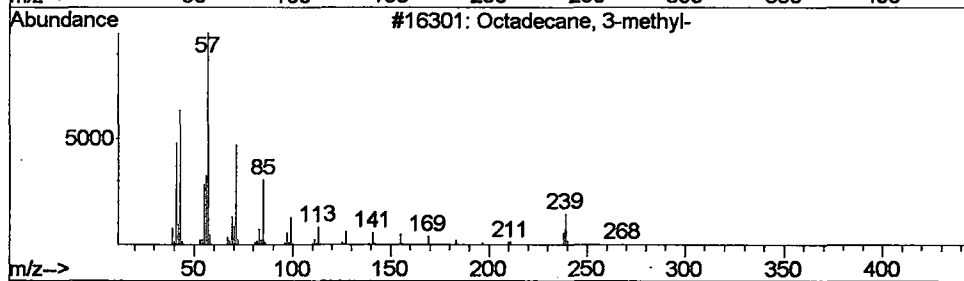
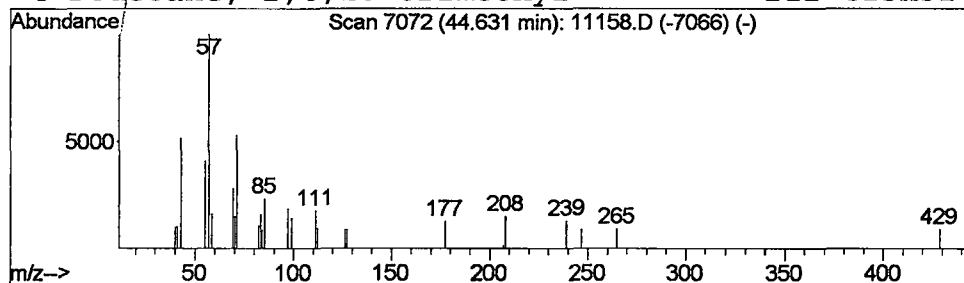
Vial: 10
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 9 Octadecane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
44.63	0.35 ug/l	20098	Perylene-d12	43.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 3-methyl-	268	C19H40	006561-44-0	43
2			Squalane	422	C30H62	000111-01-3	43
3			Decane, 3-methyl-	156	C11H24	013151-34-3	43
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	38



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 15 May 2002 8:43 pm
 Data File: C:\MSDCHEM\1\DATA\020515\11158.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	18.0	ug/l	1268670	1	11.38	2823970	40.0
Cyclopentasiloxan...	15.46	0.6	ug/l	53086	2	16.53	3490090	40.0
Bitosecanate	31.09	0.2	ug/l	22639	4	31.72	3896410	40.0
Anthracene-d10-	31.95	0.4	ug/l	38240	4	31.72	3896410	40.0
Octane, 1,1'-oxybis-	41.85	0.3	ug/l	19680	6	43.15	2314250	40.0
Pentadecane	42.57	0.5	ug/l	27460	6	43.15	2314250	40.0
Pentadecane, 2,6,...	43.28	0.9	ug/l	51916	6	43.15	2314250	40.0
Nonadecane	43.95	0.4	ug/l	22661	6	43.15	2314250	40.0
Octadecane, 3-met...	44.63	0.3	ug/l	20098	6	43.15	2314250	40.0