

Jser: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/22/2002 Time: 12:21:11

Sample: AE11281
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/22/02 12:14 Ended: 5/22/02 12:14 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		90		10.0

omments for Sample AE11281 - Analysis \$GCMS

/estchester Dept. of Labs & Research

ser: Vinci, David L

ate: 05-22-2002 Time: 12:21:39

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\11281.D
Acq On : 16 May 2002 1:38 am
Sample : sample
Misc :
MS Integration Params: rteint.e
Quant Time: May 16 09:59:35 2002

Vial: 15
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 : 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	447925	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1681655	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	906528	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1527886	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1219327	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	725431	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.56	207	260795	36.01	ug/l	-0.02
Spiked Amount	40.000		Recovery	=	90.03%	
Target Compounds						
43) Bis(2-ethylhexyl)phthalate	40.52	149	42028	1.61	ug/l	Qvalue 97

(#) = qualifier out of range (m) = manual integration (+) = signals summed
11281.D SCAN020507.M Thu May 16 10:00:47 2002 Page 1

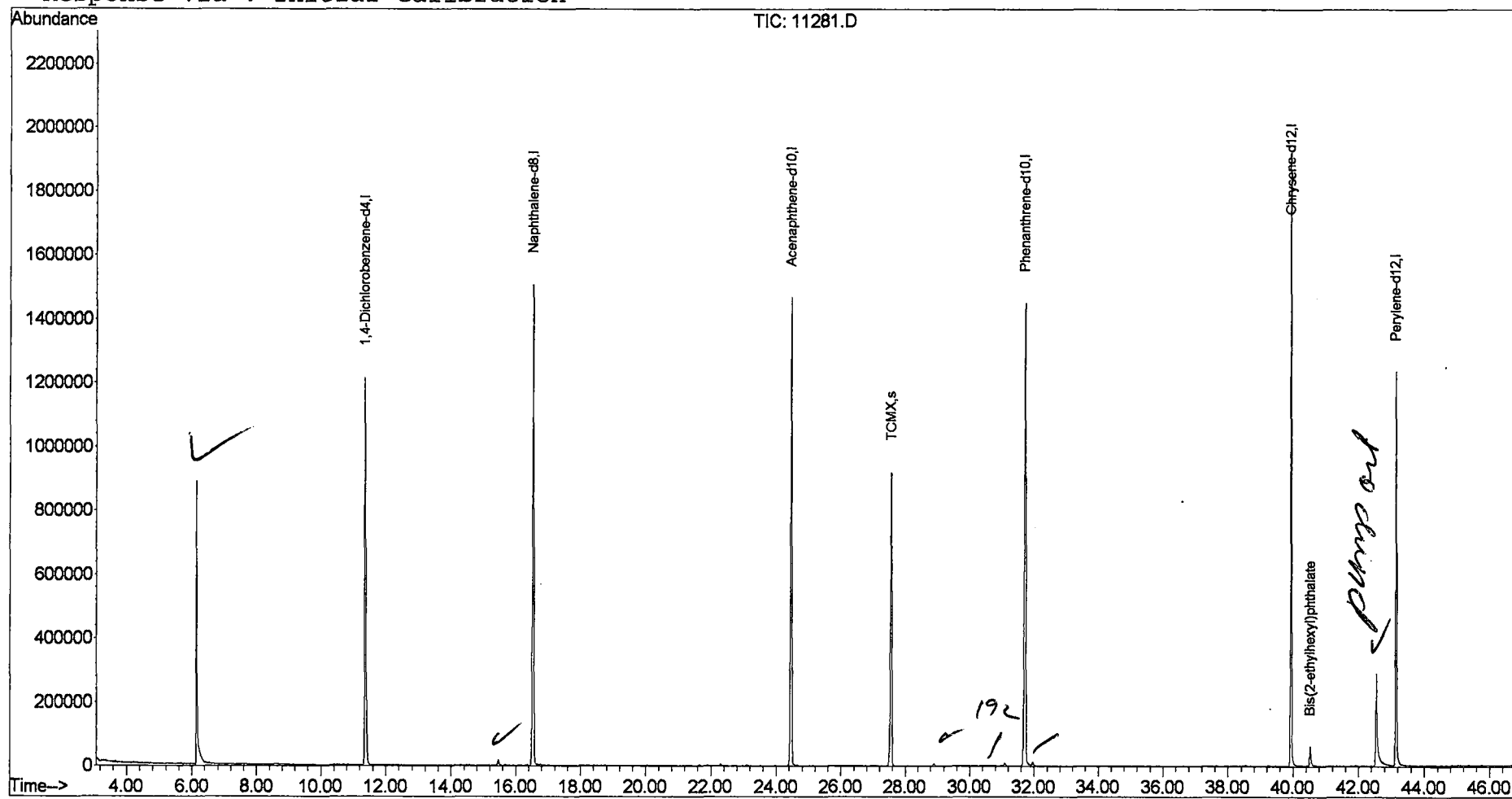
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020515\11281.D
 Acq On : 16 May 2002 1:38 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 16 10:00 2002

Vial: 15
 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



11281.D SCAN020507.M

Thu May 16 10:00:47 2002

Page 2

LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020515\11281.D

Vial: 15

Acq On : 16 May 2002 1:38 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

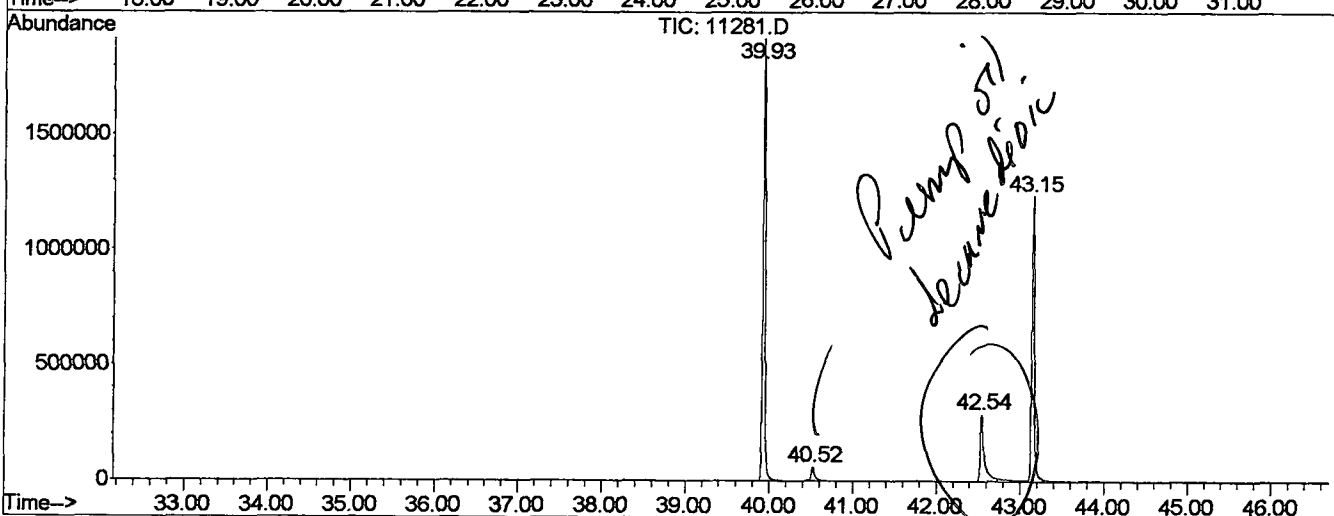
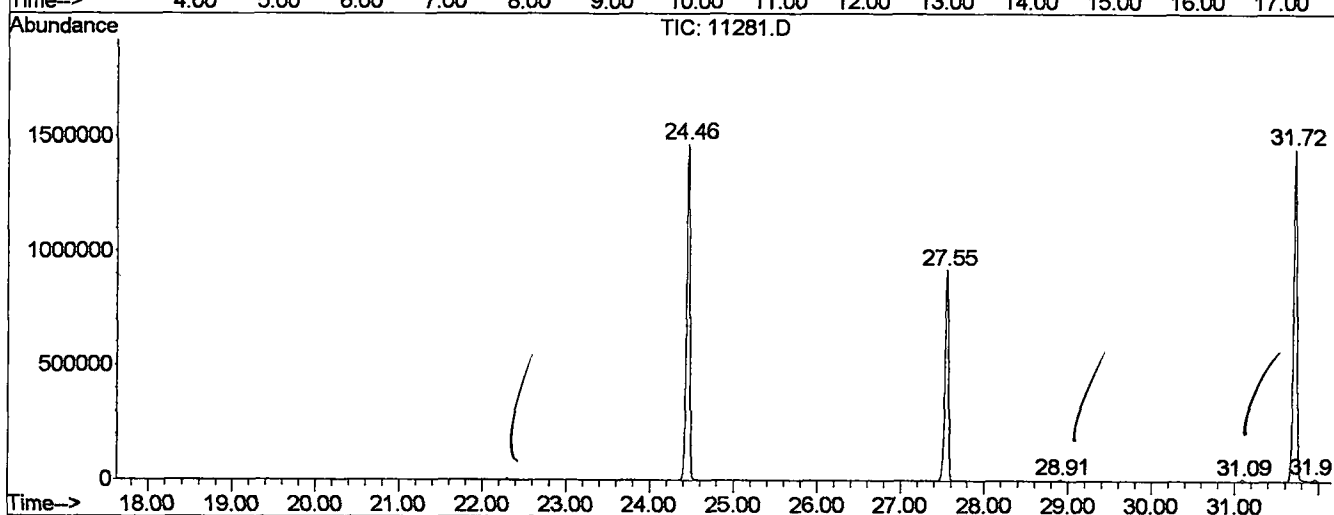
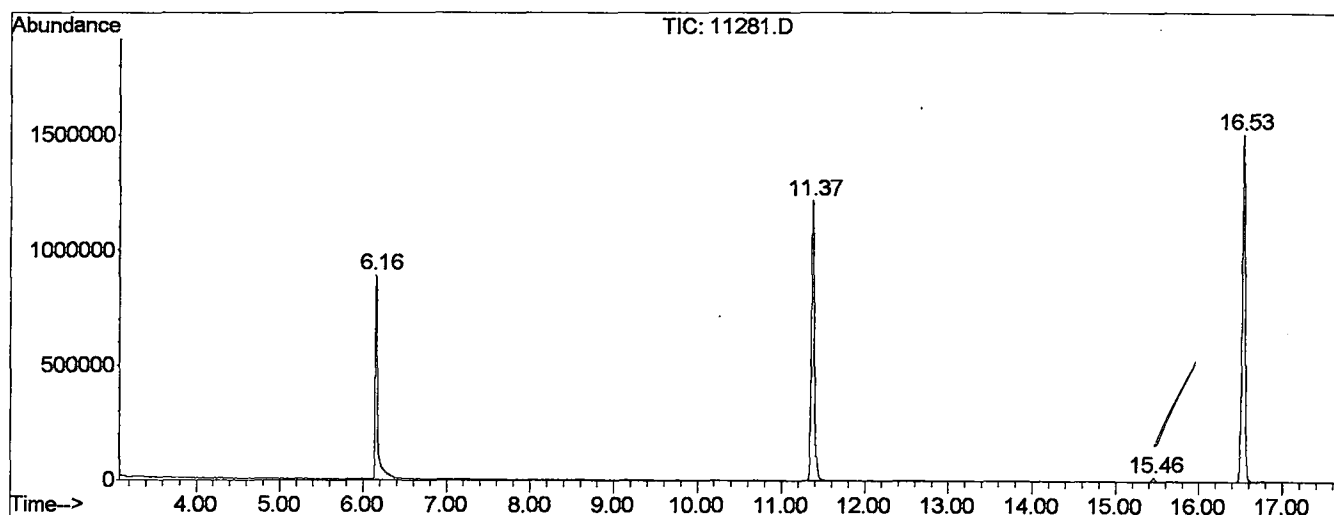
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.158	516	524	568	rBV	889027	1875433	43.50%	6.831%
2	11.370	1400	1411	1438	rBV	1215443	3126695	72.53%	11.389%
3	15.459	2099	2107	2117	rVB3	17672	46908	1.09%	0.171%
4	16.534	2274	2290	2309	rBV	1507719	3865632	89.67%	14.080%
5	24.461	3617	3639	3654	rBV	1467729	4033045	93.55%	14.690%
6	27.551	4144	4165	4179	rBV2	920305	2701134	62.66%	9.839%
7	28.908	4386	4396	4407	rBV9	7338	23254	0.54%	0.085%
8	31.088	4752	4767	4781	rBV4	9998	36857	0.85%	0.134%
9	31.717	4856	4874	4895	rBV2	1451358	4310920	100.00%	15.702%
10	31.952	4904	4914	4927	rVB5	13170	42393	0.98%	0.154%
11	39.931	6258	6272	6295	rBV2	1918955	3701127	85.85%	13.481%
12	40.518	6364	6372	6389	rBV2	60347	164793	3.82%	0.600%
13	42.540	6702	6716	6748	rBV2	287493	976879	22.66%	3.558%
14	43.151	6807	6820	6841	rBV2	1233225	2549509	59.14%	9.286%

Sum of corrected areas: 27454579

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020515\11281.D
 Operator : Nefliu
 Acquired : 16 May 2002 1:38 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 15
 Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\11281.D
 Acq On : 16 May 2002 1:38 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

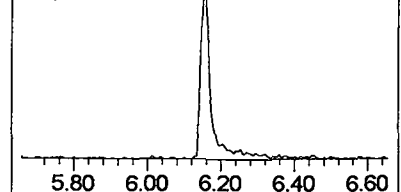
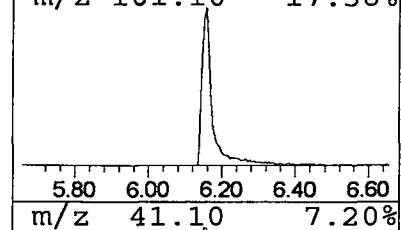
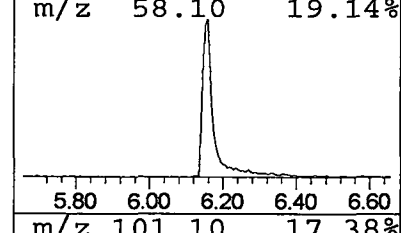
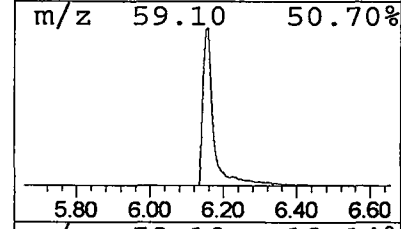
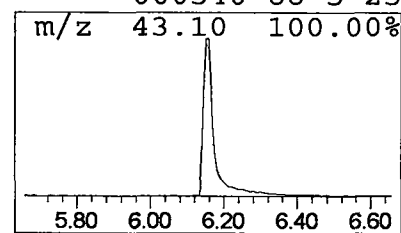
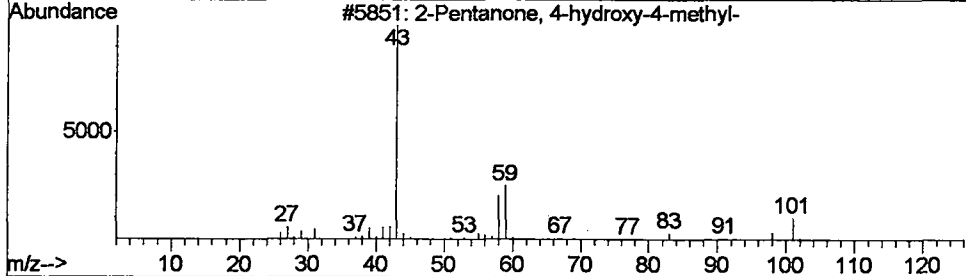
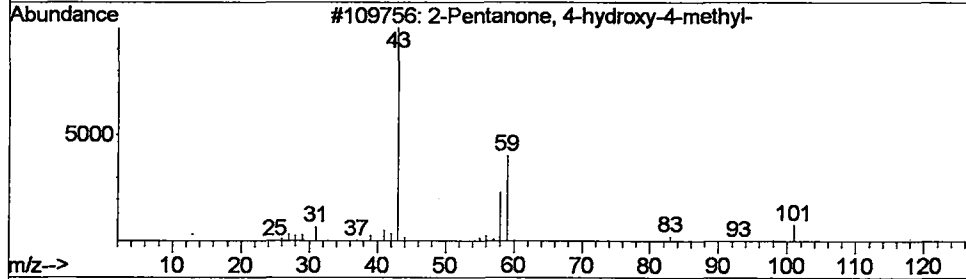
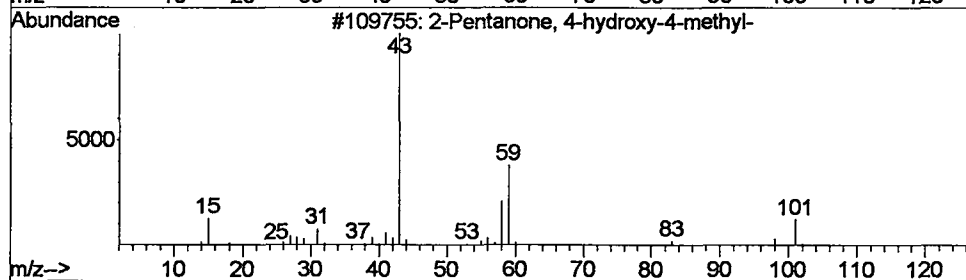
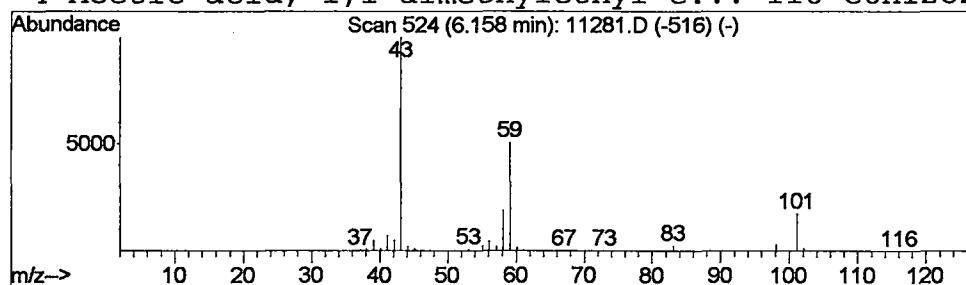
Vial: 15
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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	23.99 ug/l	1875430	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	64
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25



Library Search Compound Report

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Sample : sample
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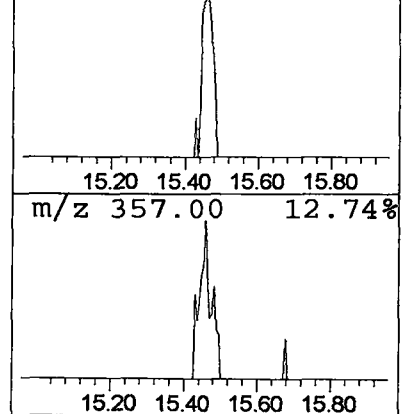
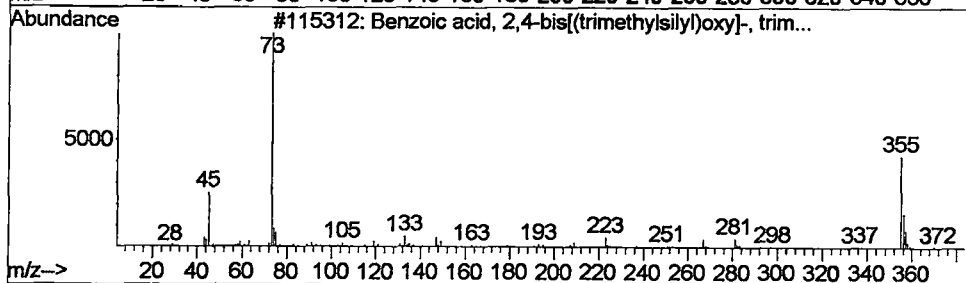
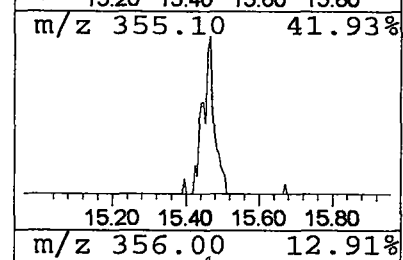
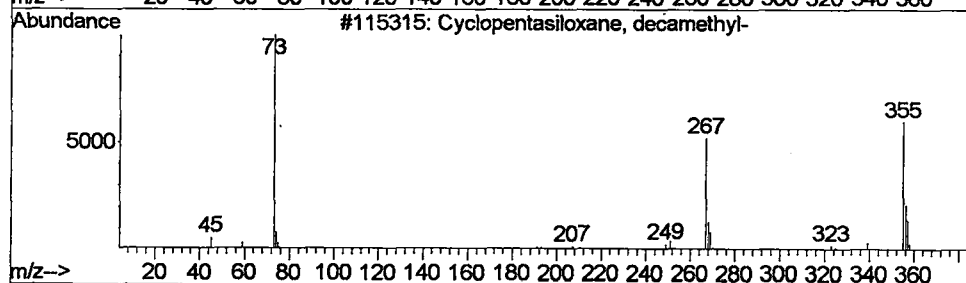
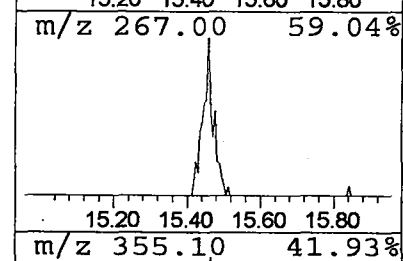
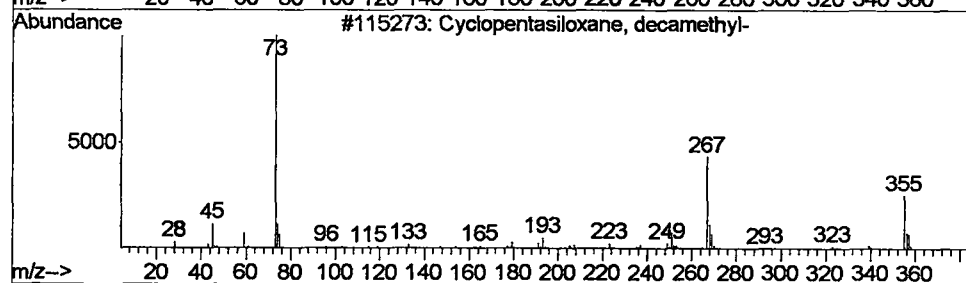
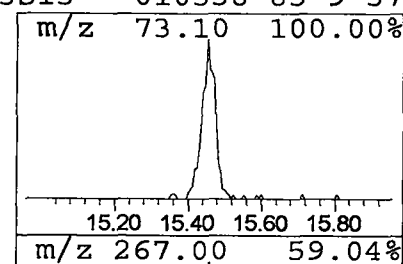
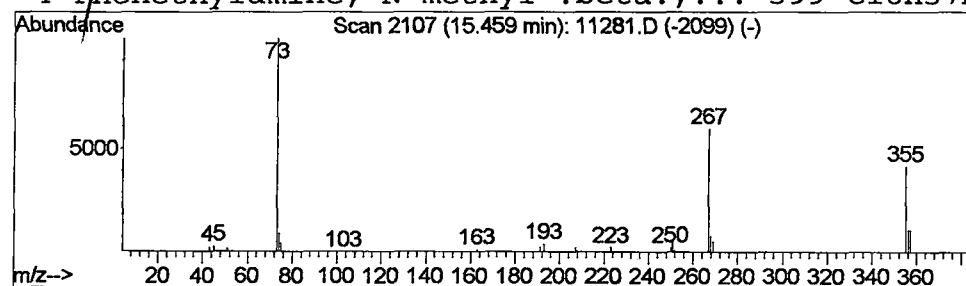
Vial: 15
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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.
15.46	0.49 ug/l	46908	Naphthalene-d8	16.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	74
2			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	53
3			Benzoic acid, 2,4-bis[(trimethyl...]	370	C16H30O4Si3	010586-16-0	37
4			Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	37



Library Search Compound Report

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 Acq On : 16 May 2002 1:38 am
 Sample : sample
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 MS Integration Params: rteint.e

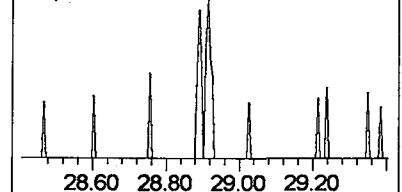
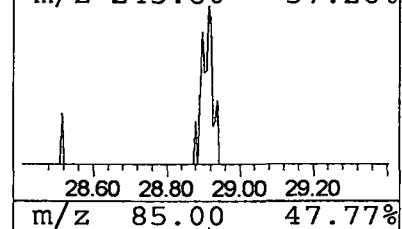
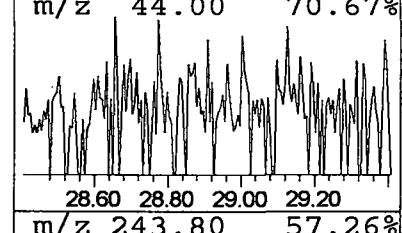
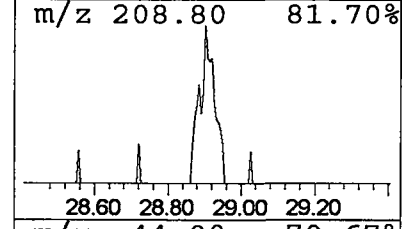
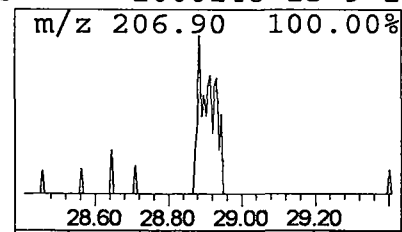
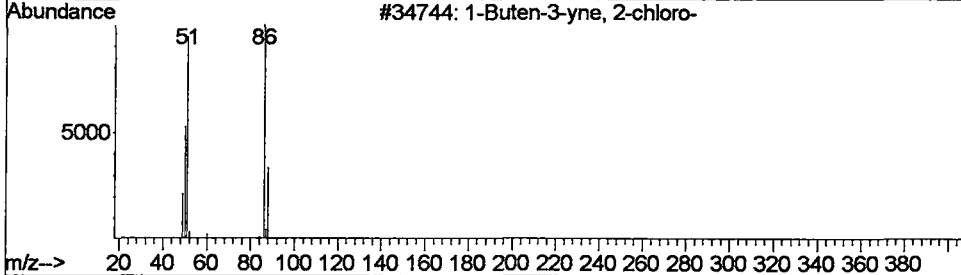
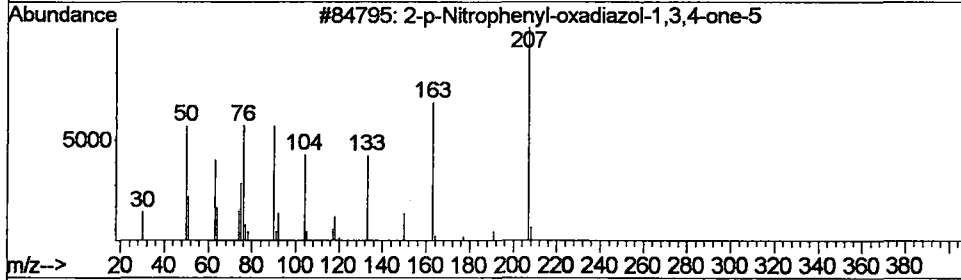
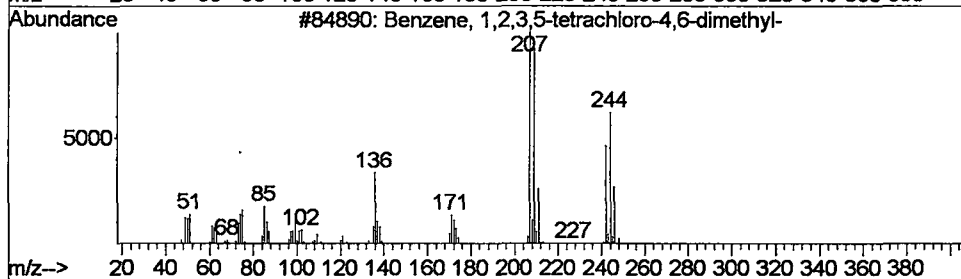
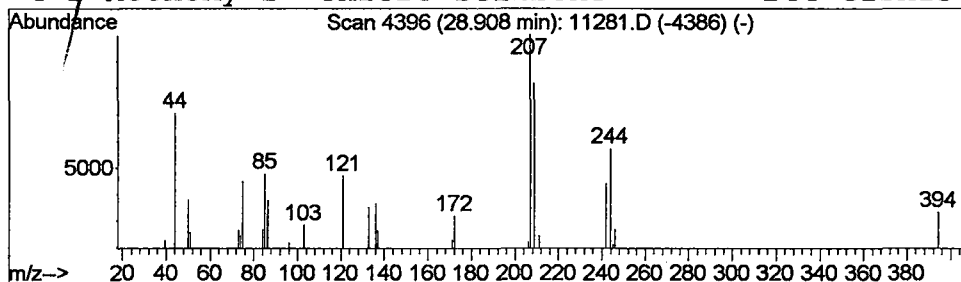
Vial: 15
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 3 Benzene, 1,2,3,5-tetrachlor... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.91	0.22 ug/l	23254	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetrachloro-4,6...	242	C8H6Cl4	000877-09-8	46
2			2-p-Nitrophenyl-oxadiazol-1,3,4-...	207	C8H5N3O4	1000147-64-6	16
3			1-Buten-3-yne, 2-chloro-	86	C4H3Cl	017712-36-6	12
4			2-Methoxy-2'-chloro-stilbene	244	C15H13ClO	1000148-15-9	10



Library Search Compound Report

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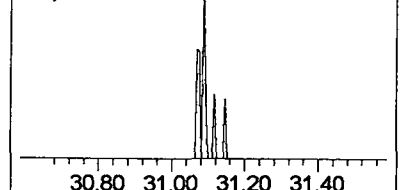
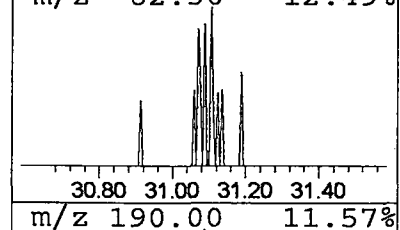
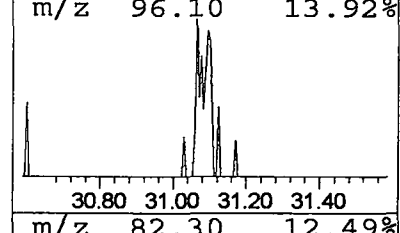
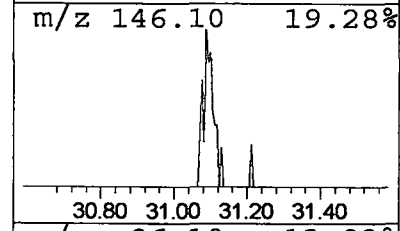
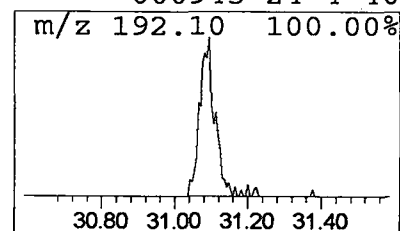
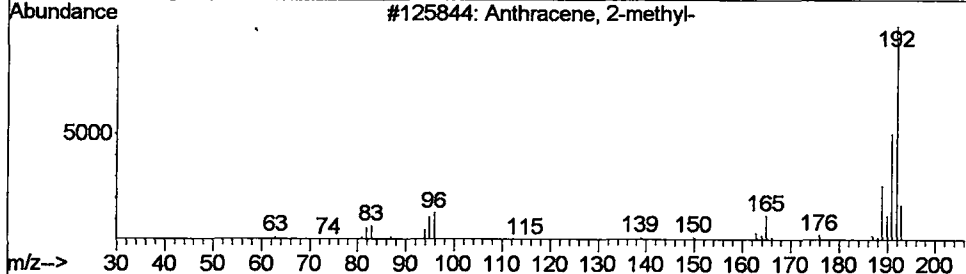
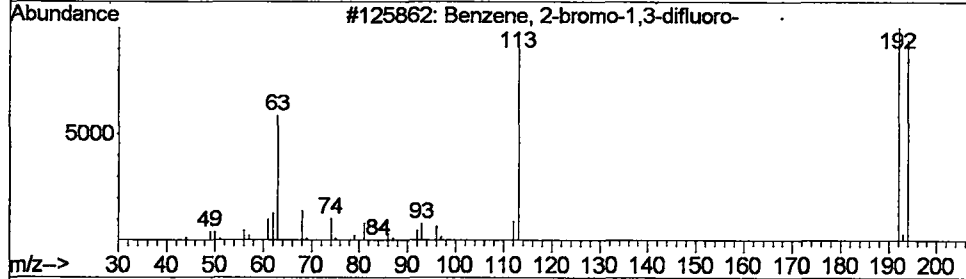
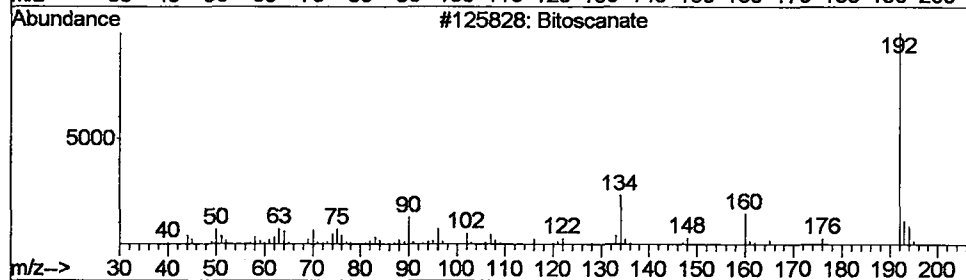
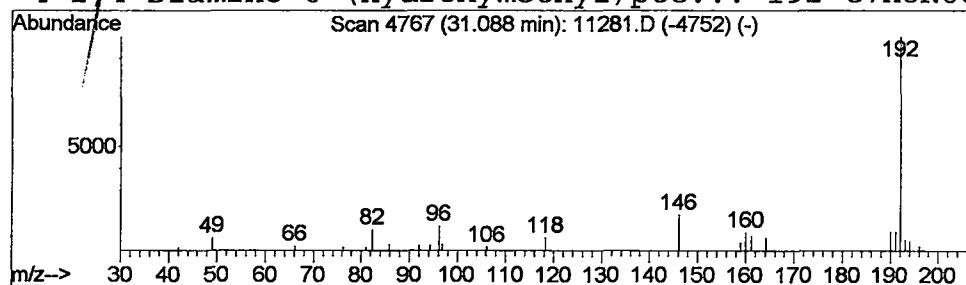
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Operator: Nefliu
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Multiplr: 1.00

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

Peak Number 4 Bitoscanate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.34 ug/l	36857	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bitoscanate	192	C8H4N2S2	004044-65-9	47
2		Benzene, 2-bromo-1,3-difluoro-	192	C6H3BrF2	064248-56-2	43
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	40
4		2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	40



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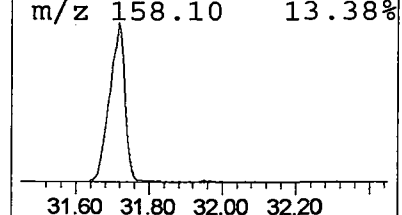
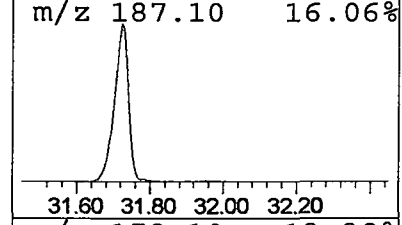
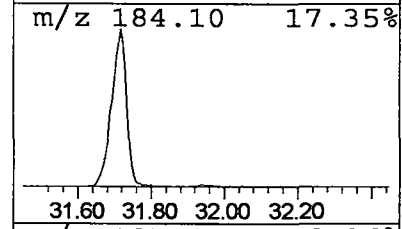
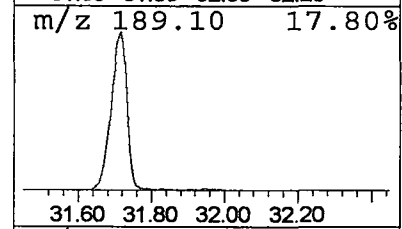
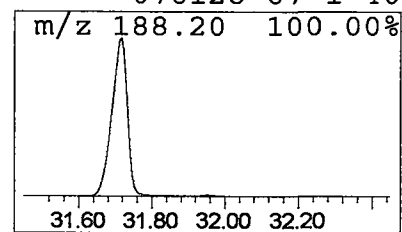
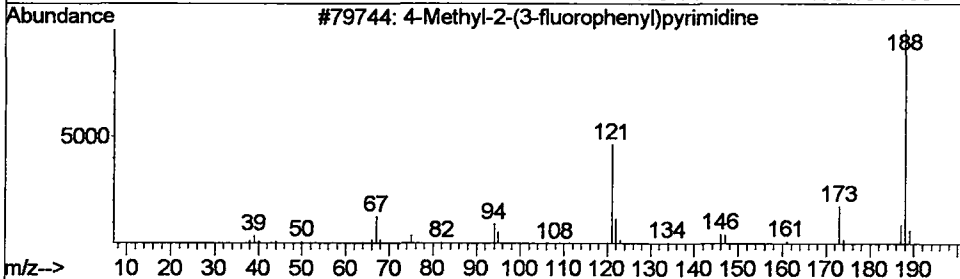
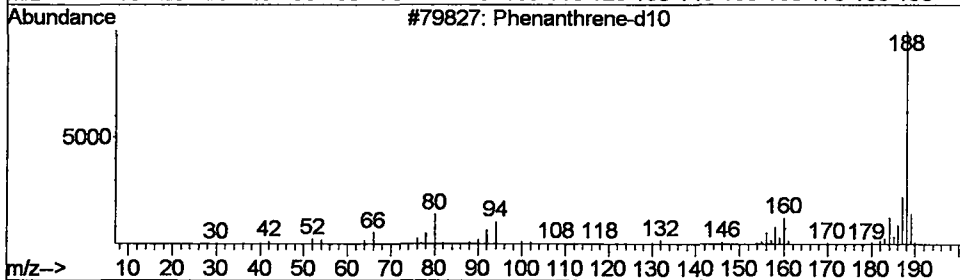
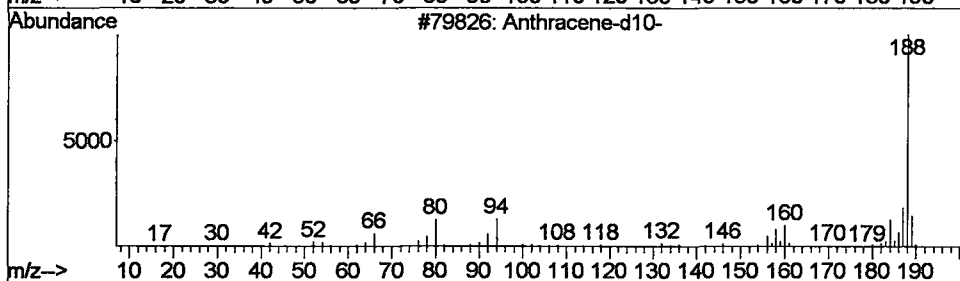
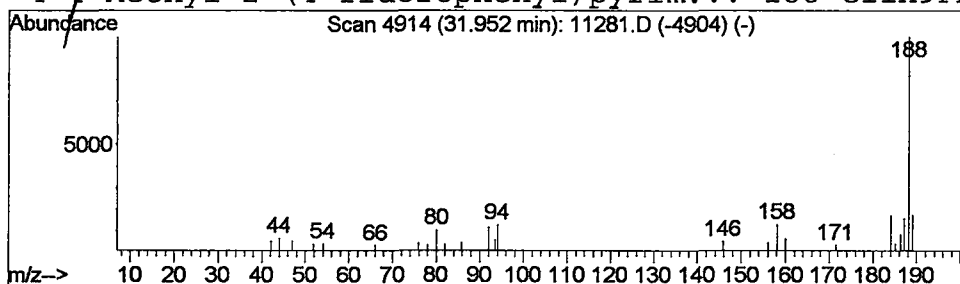
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Operator: Nefliu
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Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
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Peak Number 5 Anthracene-d10- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.39 ug/l	42393	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-		188	C14D10	001719-06-8	86
2	Phenanthrene-d10		188	C14D10	001517-22-2	47
3	4-Methyl-2-(3-fluorophenyl)pyrim...		188	C11H9FN2	076128-66-0	40
4	4-Methyl-2-(4-fluorophenyl)pyrim...		188	C11H9FN2	076128-67-1	40



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 Misc :
 MS Integration Params: rteint.e

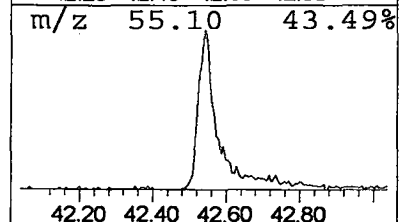
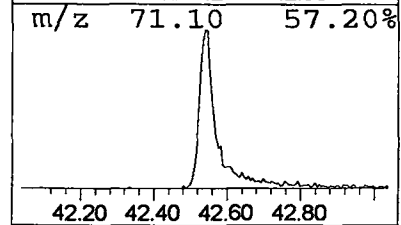
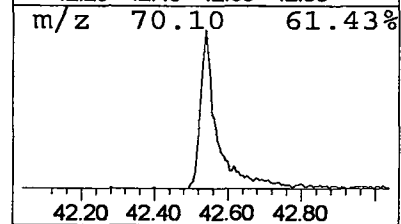
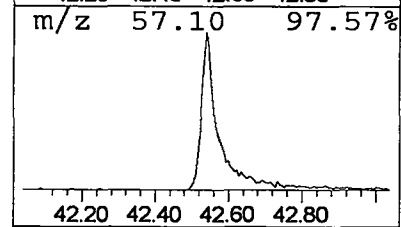
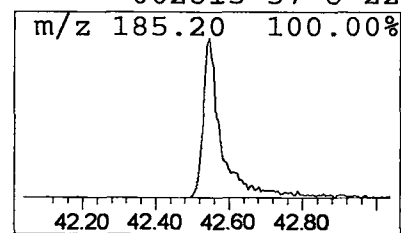
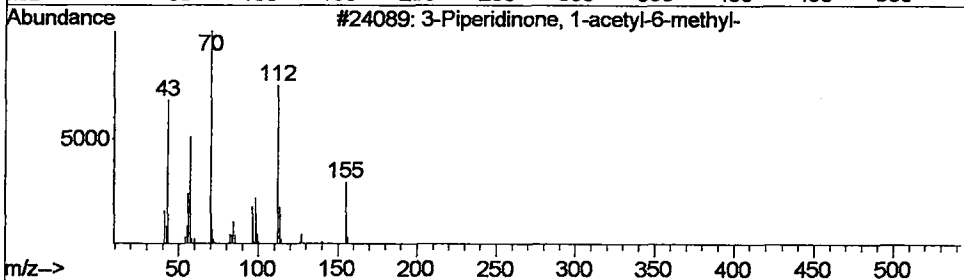
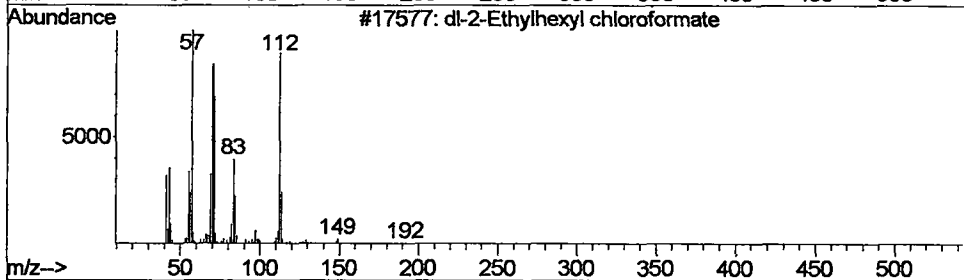
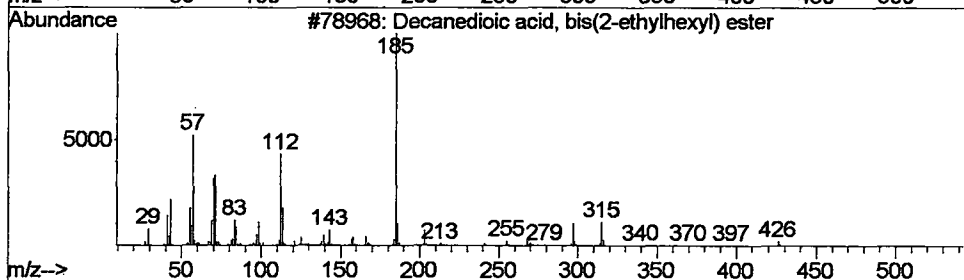
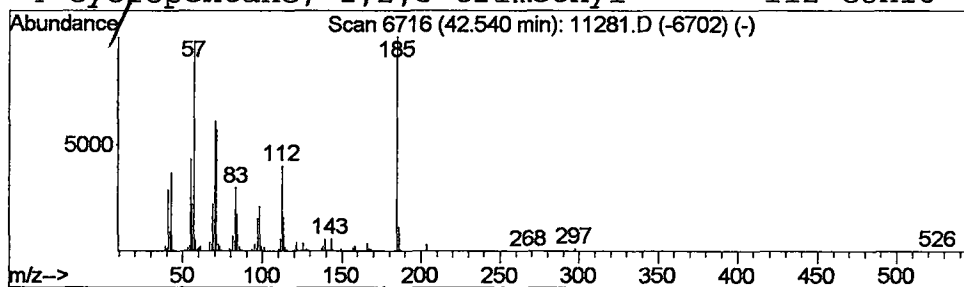
Vial: 15
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 6 Decanedioic acid, bis(2-eth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
42.54	15.33 ug/l	976879	Perylene-d12	43.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decanedioic acid, bis(2-ethylhex...	426	C26H50O4	000122-62-3	45
2		dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	43
3		3-Piperidinone, 1-acetyl-6-methyl-	155	C8H13NO2	054751-97-2	27
4		Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	22



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 16 May 2002 1:38 am
Data File: C:\MSDCHEM\1\DATA\020515\11281.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	24.0	ug/l	1875430	1	11.38	3126700	40.0
Cyclopentasiloxan...	15.46	0.5	ug/l	46908	2	16.53	3865630	40.0
Benzene, 1,2,3,5...	28.91	0.2	ug/l	23254	4	31.72	4310920	40.0
Bitoscanate	31.09	0.3	ug/l	36857	4	31.72	4310920	40.0
Anthracene-d10-	31.95	0.4	ug/l	42393	4	31.72	4310920	40.0
Decanedioic acid,...	42.54	15.3	ug/l	976879	6	43.15	2549510	40.0