

Jser: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/22/2002 Time: 12:11:04

Sample: AE11278
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/22/02 12:10 Ended: 5/22/02 12:10 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		93		10.0

omments for Sample AE11278 - Analysis \$GCMS

/estchester Dept. of Labs & Research

ser: Vinci, David L.

ate: 05-22-2002 Time: 12:11:57

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

Data File : C:\MSDCHEM\1\DATA\020515\11278.D
 Acq On : 15 May 2002 10:41 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 16 09:54:46 2002

Vial: 12
 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	11.37	152	433914	40.00	ug/l	-0.02
10) Naphthalene-d8	16.53	136	1633931	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	871507	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1497191	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1223028	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	740430	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.55	207	259160	37.23	ug/l	-0.02
Spiked Amount	40.000		Recovery	=	93.08%	
Target Compounds						
43) Bis(2-ethylhexyl)phthalate	40.52	149	46705	1.78	ug/l	Qvalue 95

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 11278.D SCAN020507.M Thu May 16 09:56:08 2002 Page 1

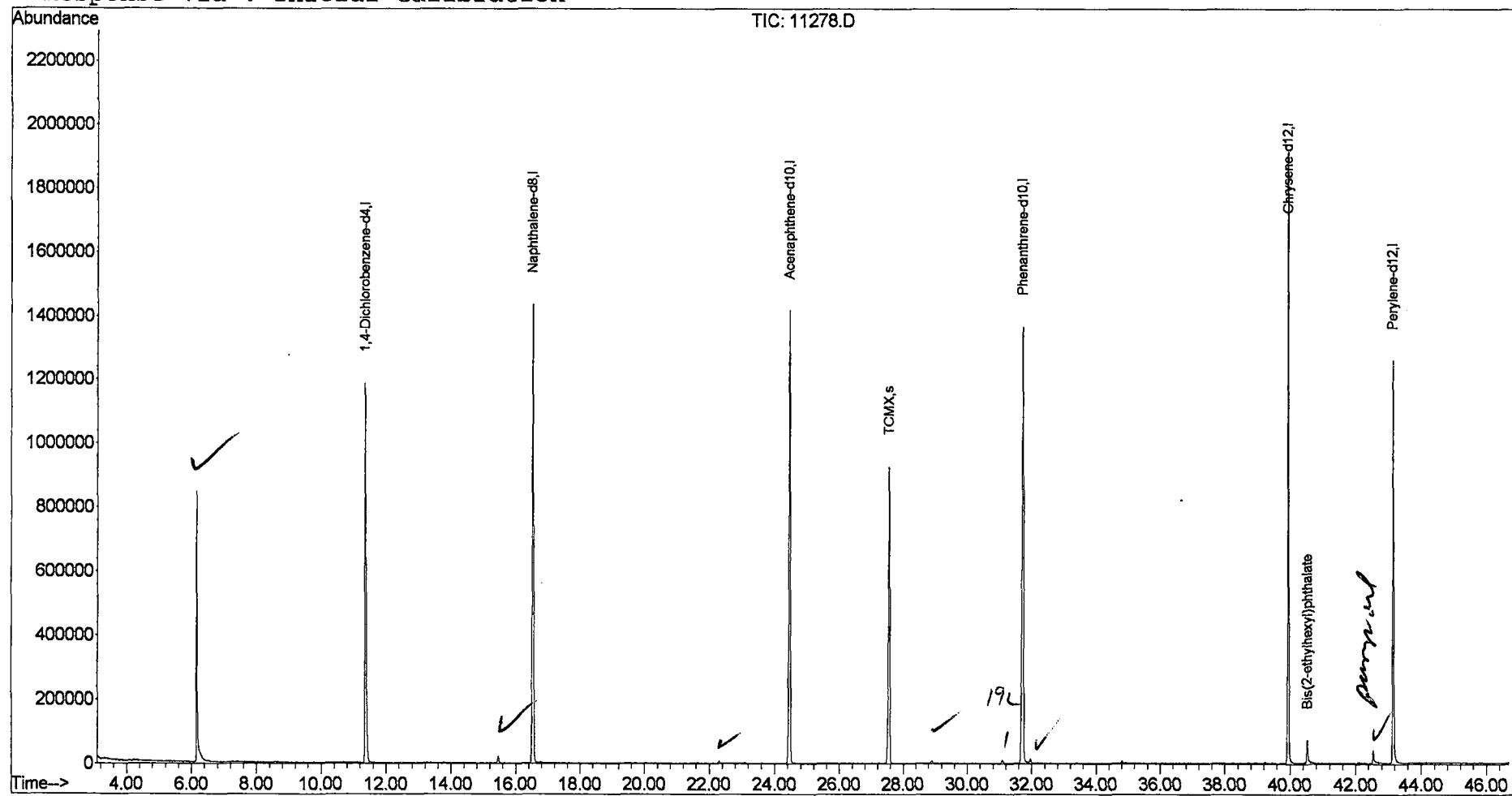
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Data File : C:\MSDCHEM\1\DATA\020515\11278.D
 Acq On : 15 May 2002 10:41 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 16 9:56 2002

Vial: 12
 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



11278.D SCAN020507.M

Thu May 16 09:56:08 2002

Page 2

LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020515\11278.D

Acq On : 15 May 2002 10:41 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 12

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

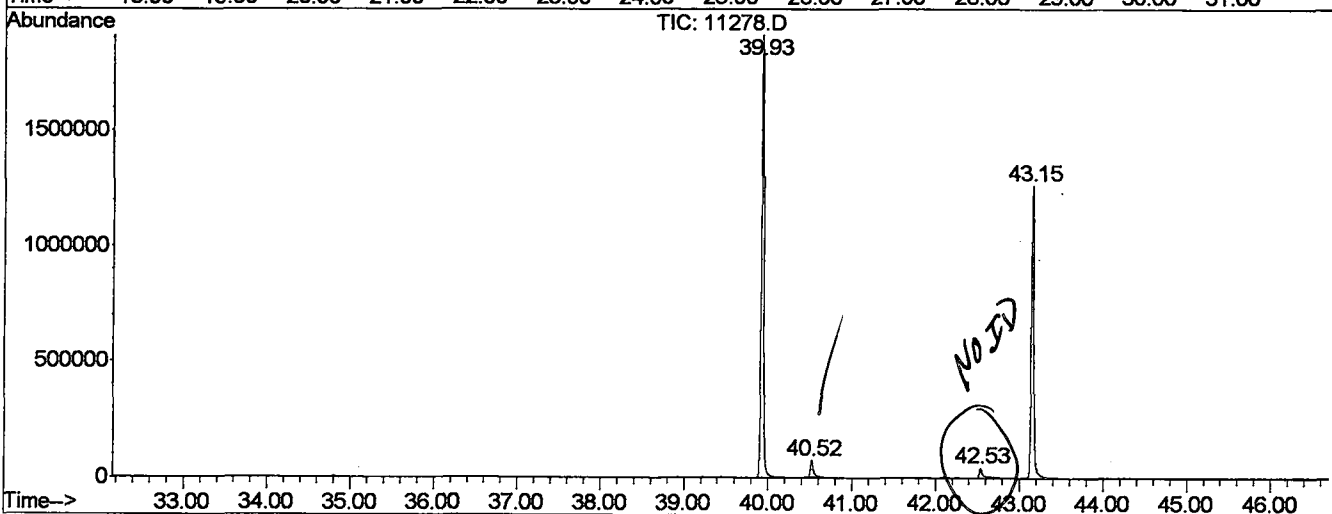
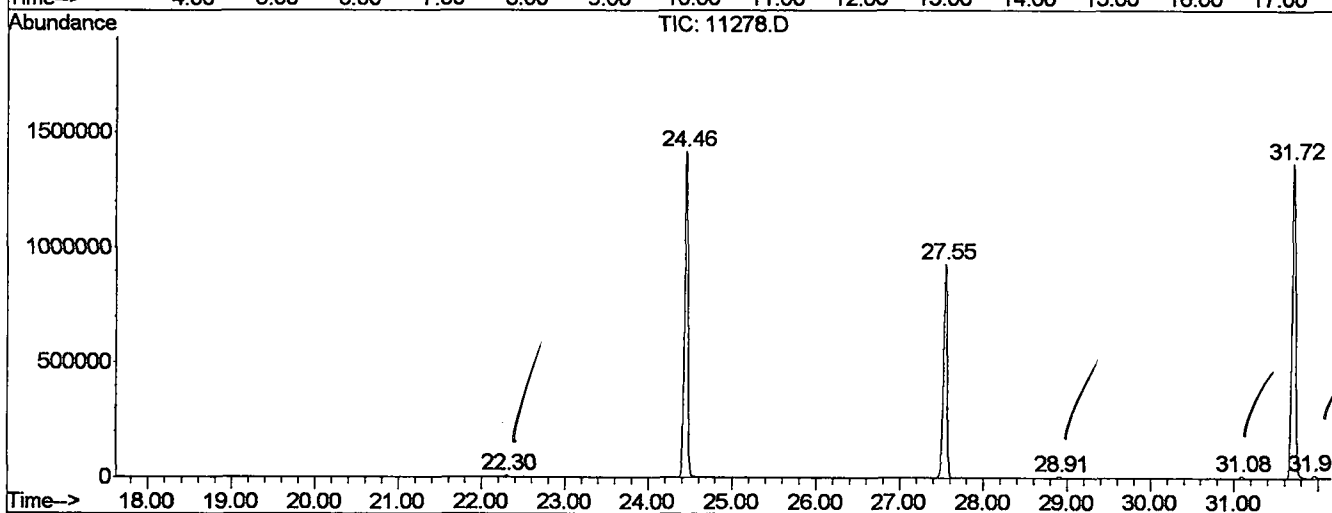
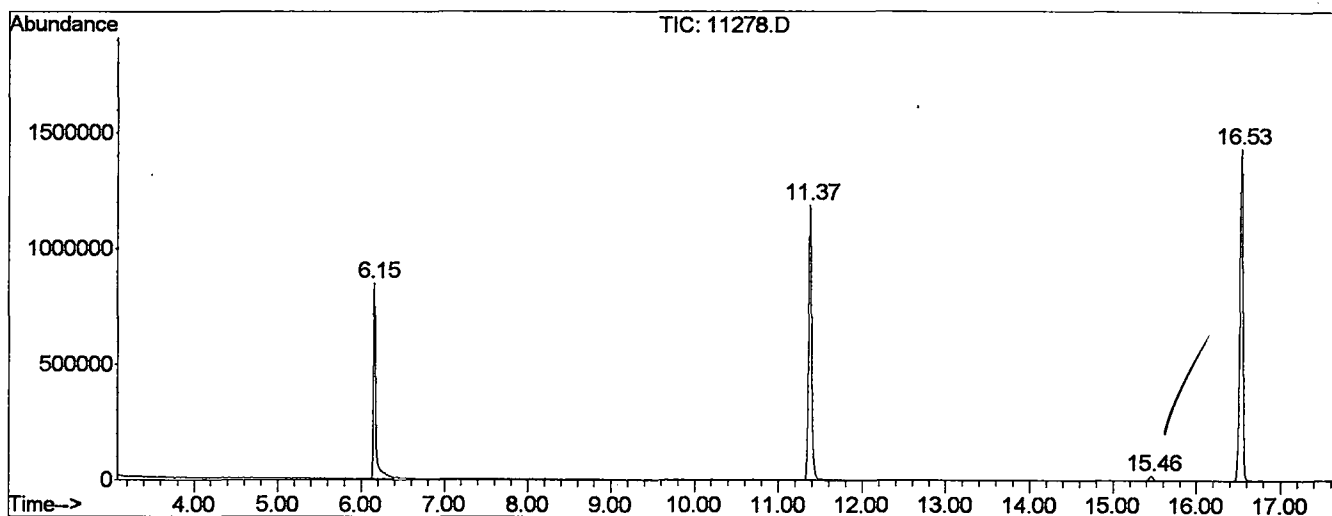
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.152	516	523	563	rBV	844647	1677802	39.70%	6.421%
2	11.370	1400	1411	1430	rBV	1187445	3000543	71.01%	11.484%
3	15.465	2094	2108	2118	rBV2	20902	63832	1.51%	0.244%
4	16.534	2274	2290	2315	rBV	1435317	3769369	89.20%	14.427%
5	22.298	3261	3271	3282	rVB7	8511	21508	0.51%	0.082%
6	24.461	3620	3639	3658	rBV	1417462	3933626	93.09%	15.055%
7	27.551	4143	4165	4178	rBV2	928844	2707159	64.06%	10.361%
8	28.908	4387	4396	4407	rBV7	7991	23463	0.56%	0.090%
9	31.082	4754	4766	4781	rVB5	10630	35951	0.85%	0.138%
10	31.717	4856	4874	4900	rBV2	1366120	4225726	100.00%	16.173%
11	31.952	4908	4914	4922	rVB3	12706	32699	0.77%	0.125%
12	39.931	6262	6272	6296	rBV2	1911294	3723637	88.12%	14.252%
13	40.518	6363	6372	6391	rBV	72039	187127	4.43%	0.716%
14	42.534	6708	6715	6733	rBV5	43245	126164	2.99%	0.483%
15	43.151	6809	6820	6842	rBV2	1259845	2599365	61.51%	9.949%

Sum of corrected areas: 26127971

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020515\11278.D
 Operator : Nefliu
 Acquired : 15 May 2002 10:41 pm using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 12
 Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\11278.D
 Acq On : 15 May 2002 10:41 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

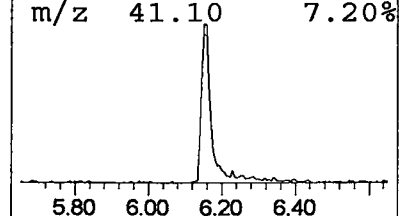
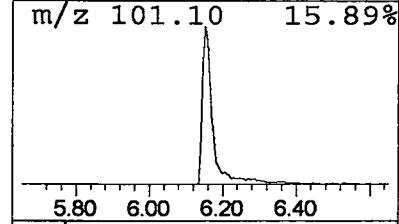
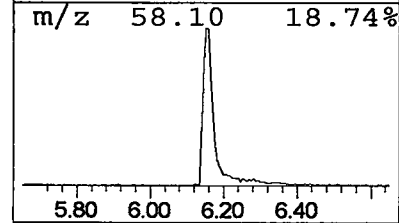
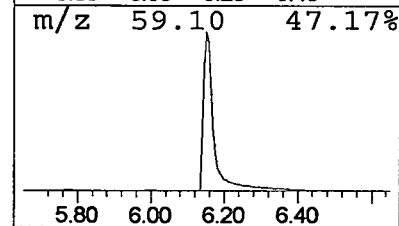
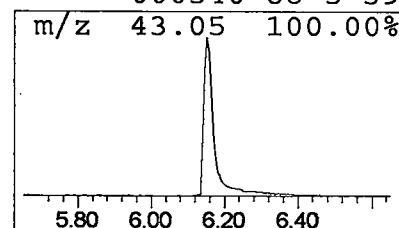
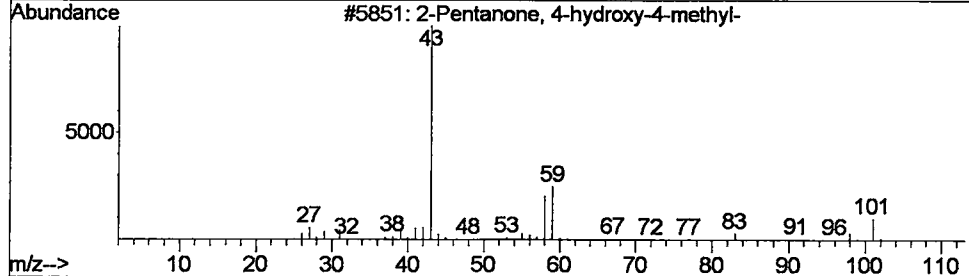
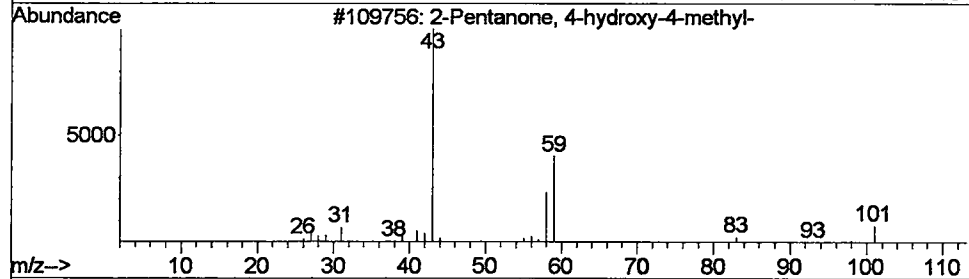
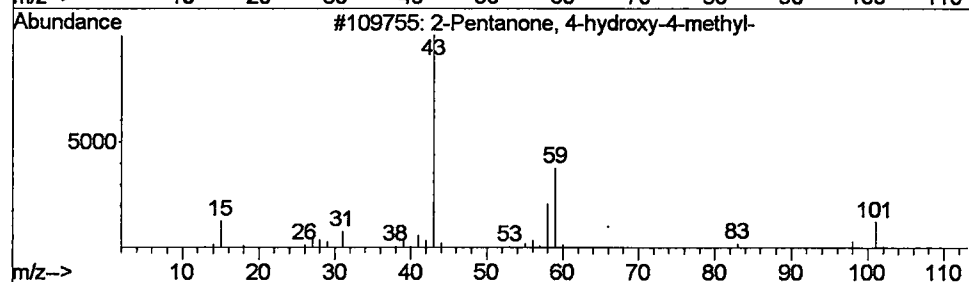
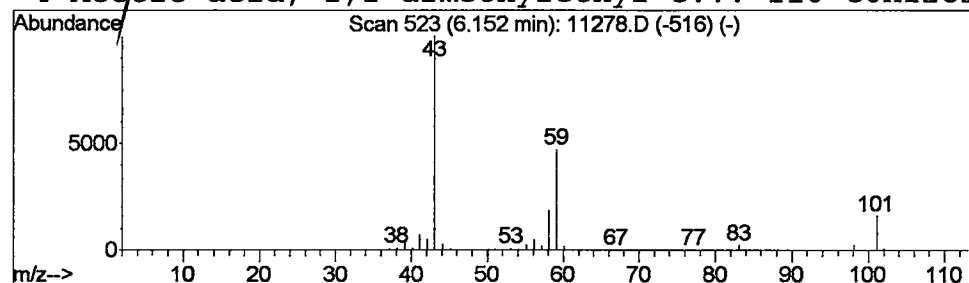
Vial: 12
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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.
6.15	22.37 ug/l	1677800	1,4-Dichlorobenzene-d4	11.37

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	50
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39



Library Search Compound Report

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 Acq On : 15 May 2002 10:41 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

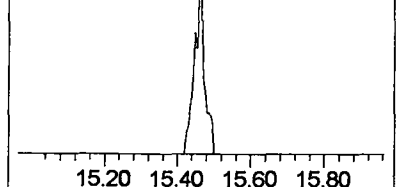
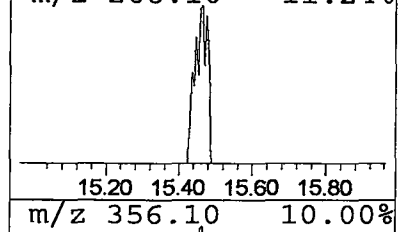
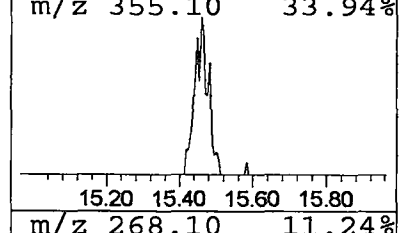
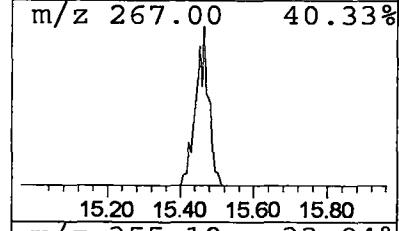
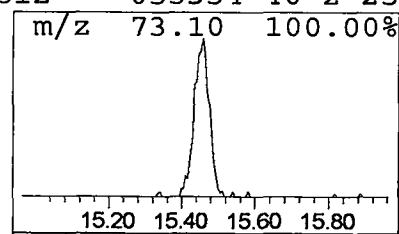
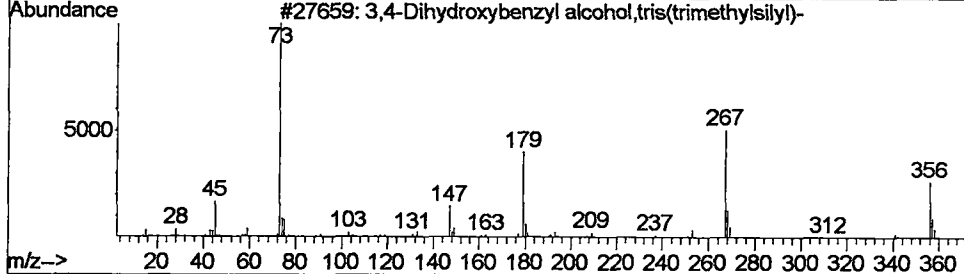
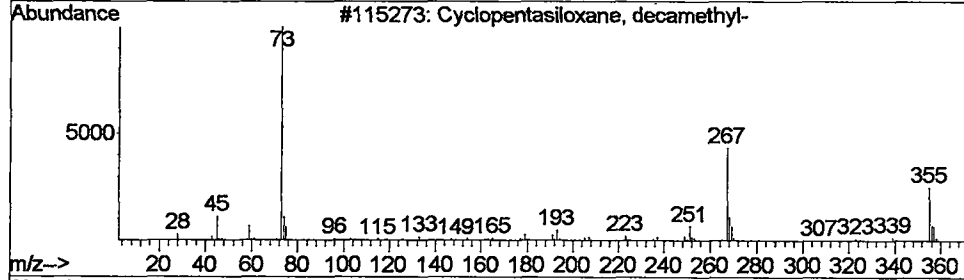
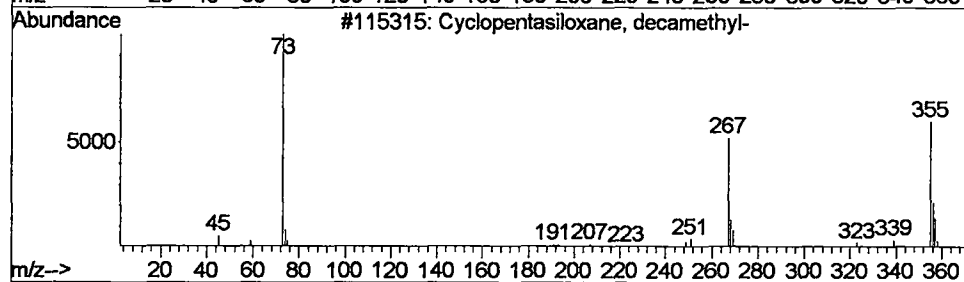
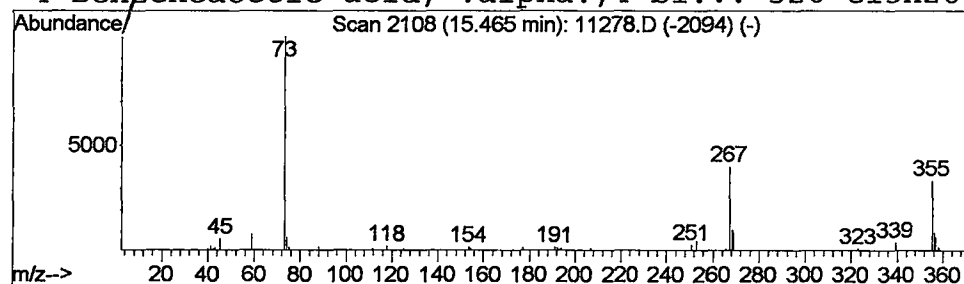
Vial: 12
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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.
15.47	0.68 ug/l	63832	Naphthalene-d8	16.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1	5	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	50
2		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	47
3		3,4-Dihydroxybenzyl alcohol, tris...	356	C16H32O3Si3	068595-79-9	40
4		Benzeneacetic acid, .alpha., 4-bi...	326	C15H26O4Si2	055334-40-2	25



Library Search Compound Report

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Acq On : 15 May 2002 10:41 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

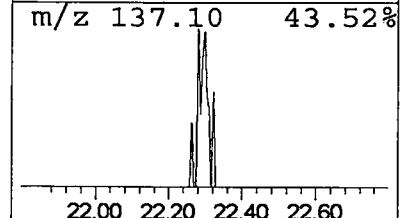
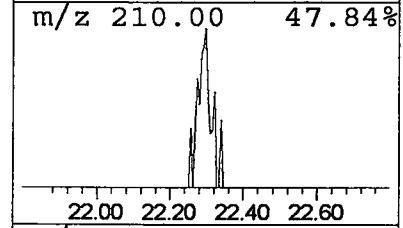
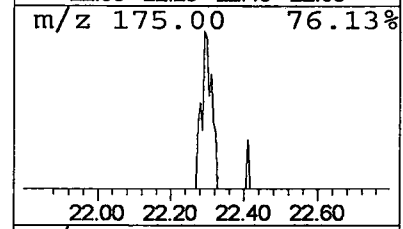
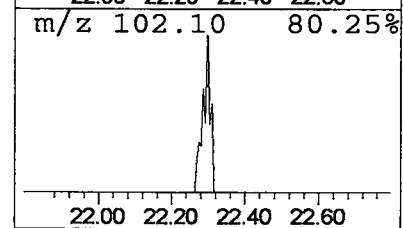
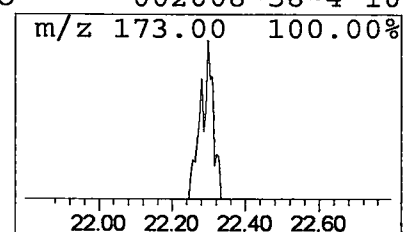
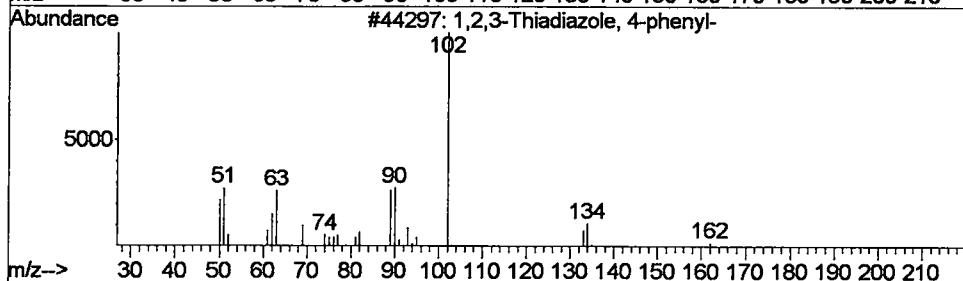
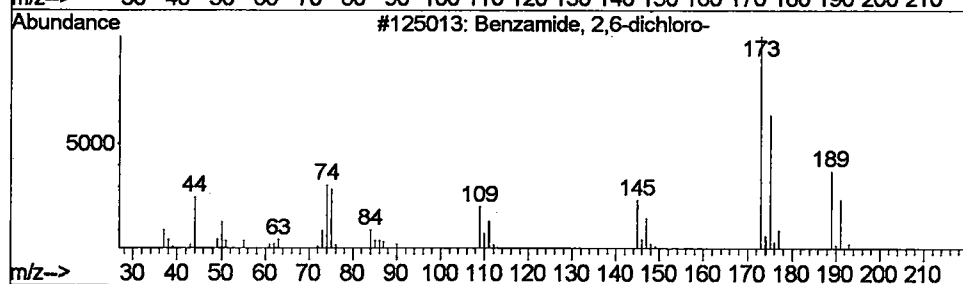
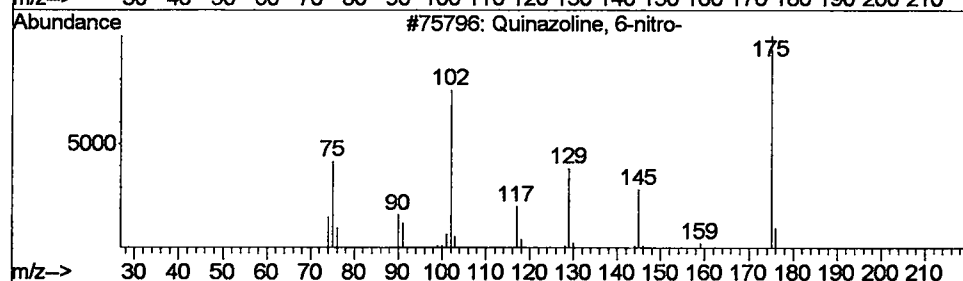
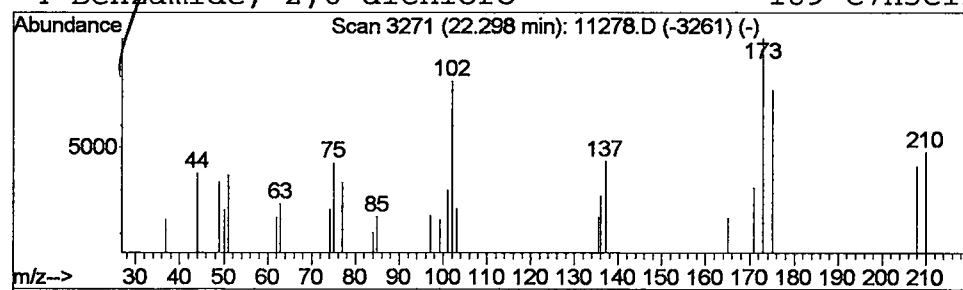
Vial: 12
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 3 Quinazoline, 6-nitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	0.22 ug/l	21508	Acenaphthene-d10	24.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Quinazoline, 6-nitro-	175	C8H5N3O2	007556-95-8	16
2		Benzamide, 2,6-dichloro-	189	C7H5Cl2NO	002008-58-4	12
3		1,2,3-Thiadiazole, 4-phenyl-	162	C8H6N2S	025445-77-6	10
4		Benzamide, 2,6-dichloro-	189	C7H5Cl2NO	002008-58-4	10



Library Search Compound Report

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Sample : sample
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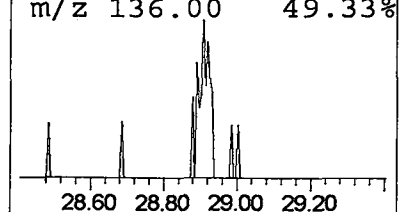
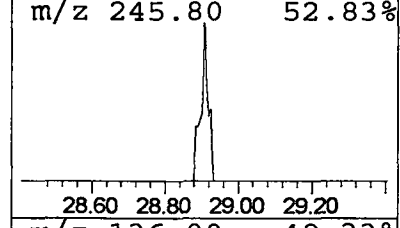
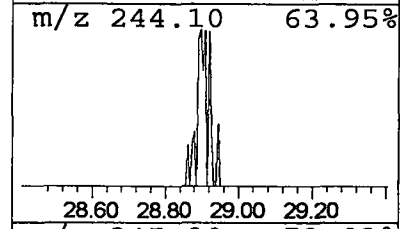
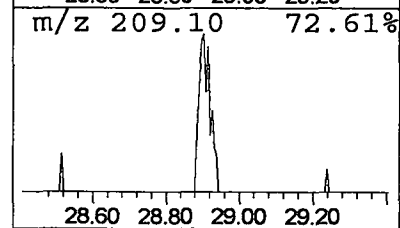
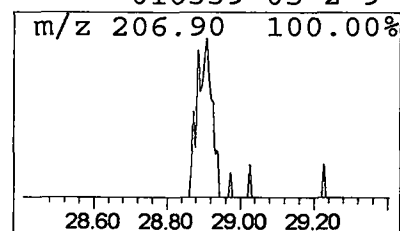
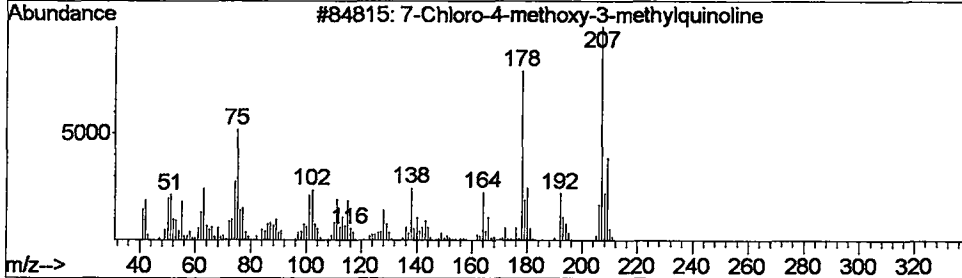
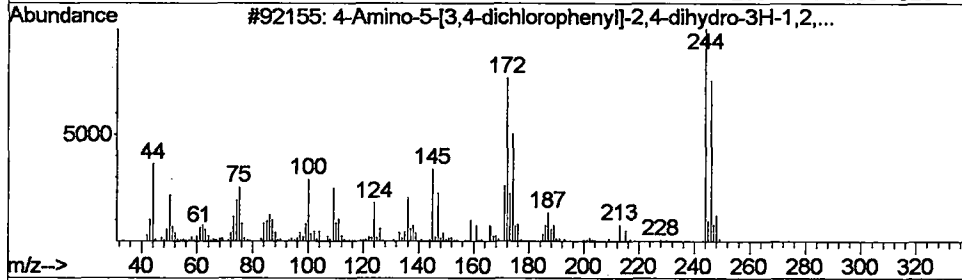
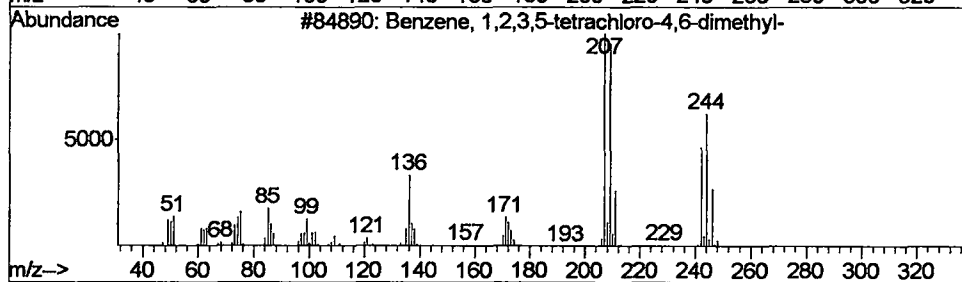
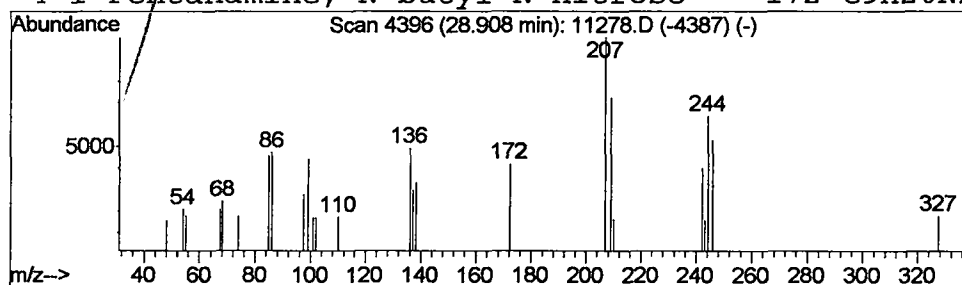
Vial: 12
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 4 Benzene, 1,2,3,5-tetrachlor... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.91	0.22 ug/l	23463	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	59
2		4-Amino-5-[3,4-dichlorophenyl]-2...	244	C8H6Cl2N4O	1000213-70-9	14
3		7-Chloro-4-methoxy-3-methylquino...	207	C11H10ClNO	1000213-52-2	9
4		1-Pentanamine, N-butyl-N-nitroso-	172	C9H20N2O	016339-05-2	9



Library Search Compound Report

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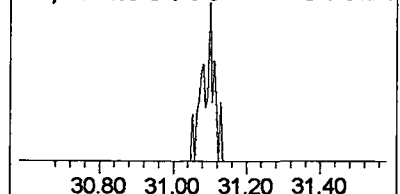
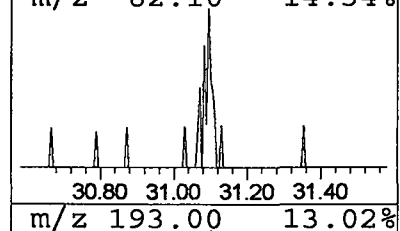
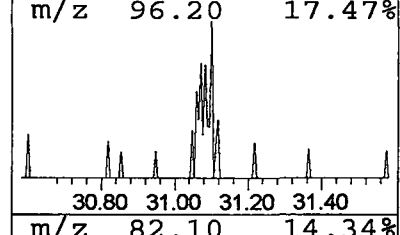
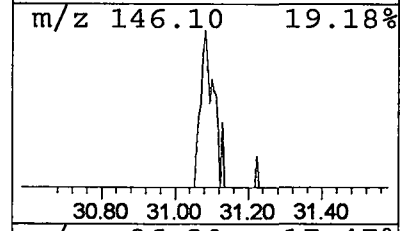
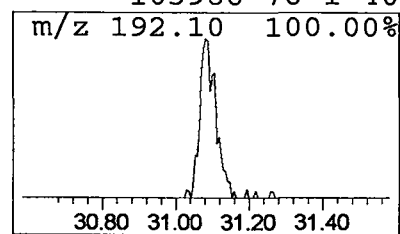
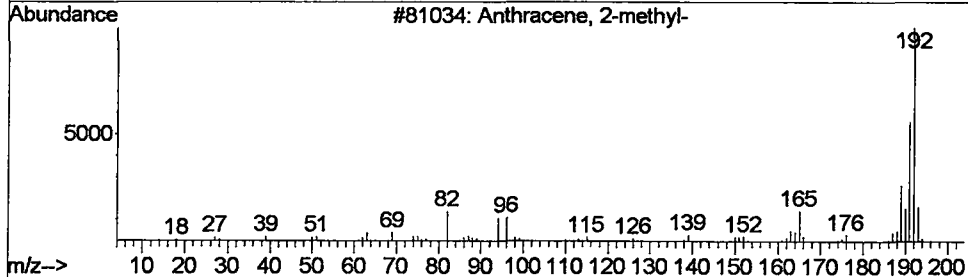
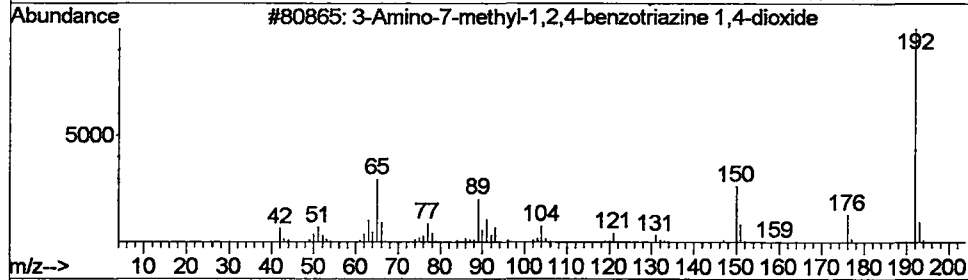
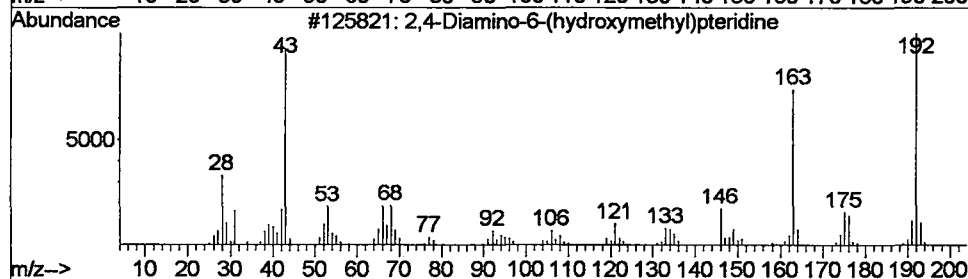
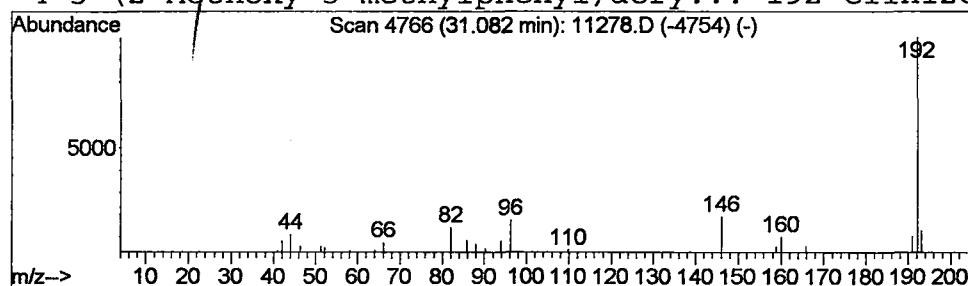
Vial: 12
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.08	0.34 ug/l	35951	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	59
2		3-Amino-7-methyl-1,2,4-benzotria...	192	C8H8N4O2	1000213-87-8	43
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	40
4		3-(2-Methoxy-5-methylphenyl)acry...	192	C11H12O3	103986-76-1	40



Library Search Compound Report

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Acq On : 15 May 2002 10:41 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

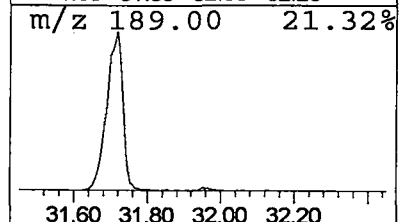
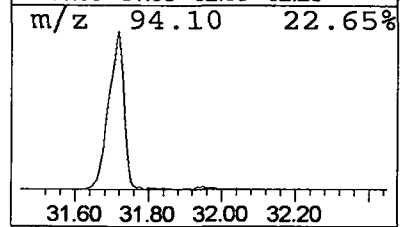
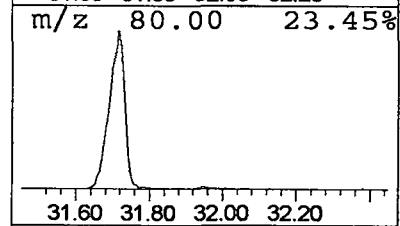
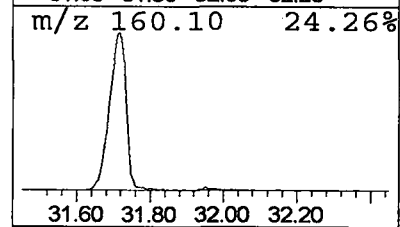
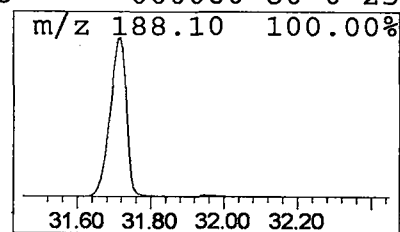
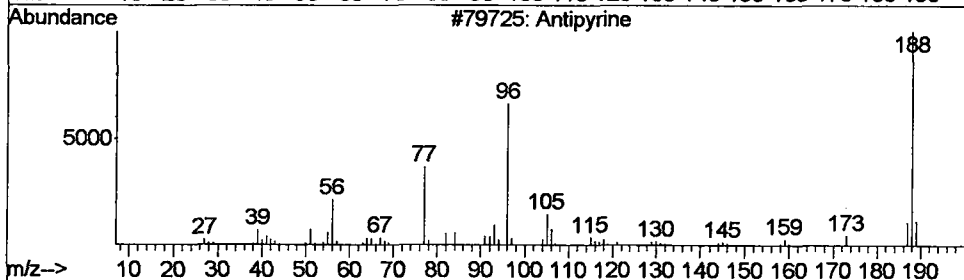
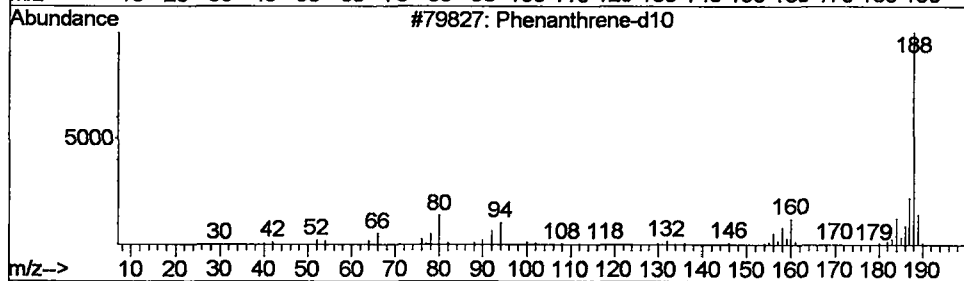
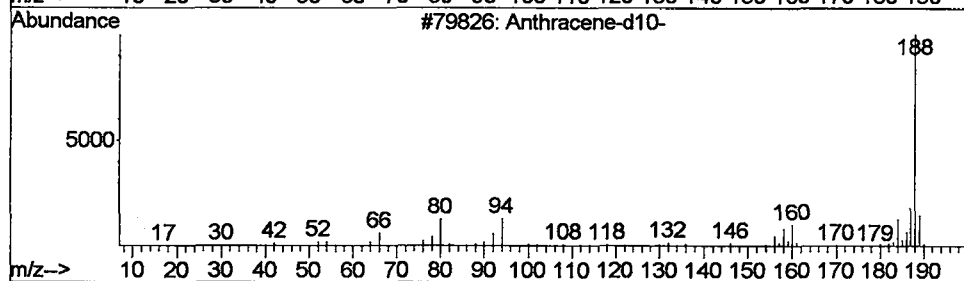
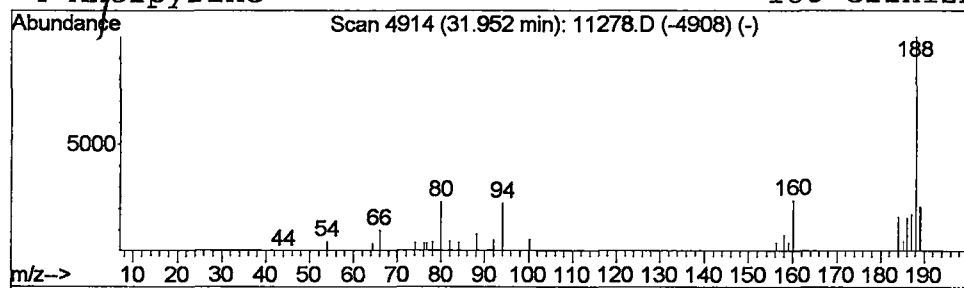
Vial: 12
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 6 Anthracene-d10- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.31 ug/l	32699	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	58	
2	Phenanthrene-d10	188	C14D10	001517-22-2	52	
3	Antipyrine	188	C11H12N2O	000060-80-0	27	
4	Antipyrine	188	C11H12N2O	000060-80-0	25	



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\11278.D
 Acq On : 15 May 2002 10:41 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

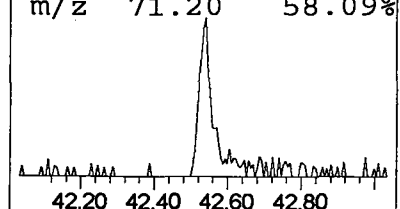
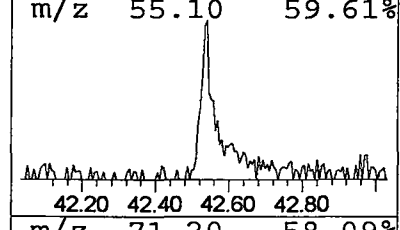
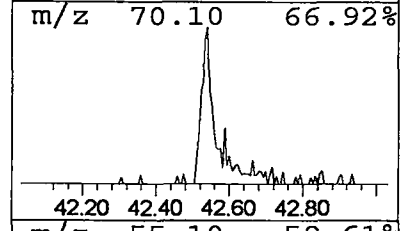
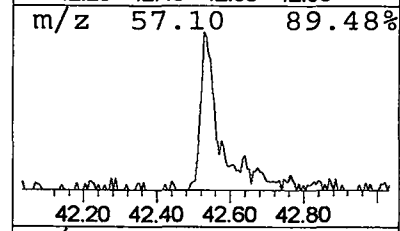
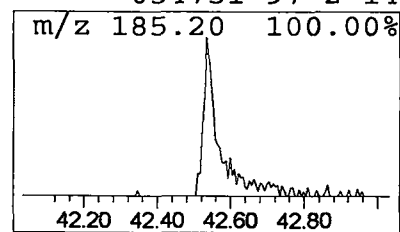
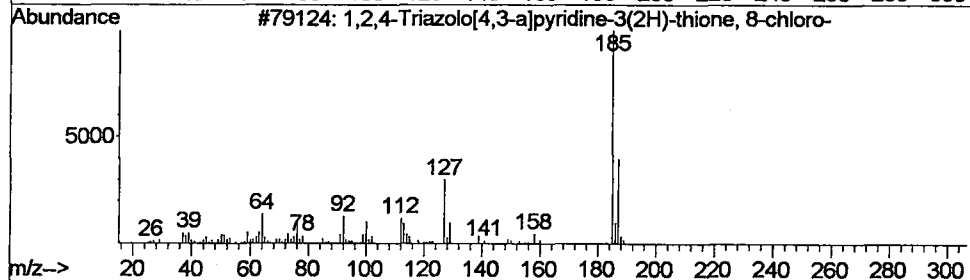
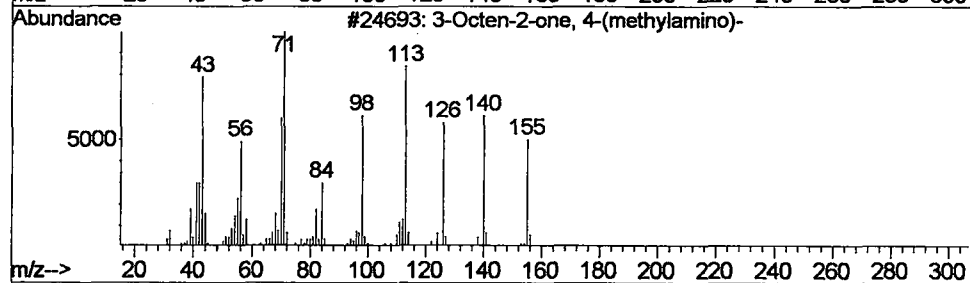
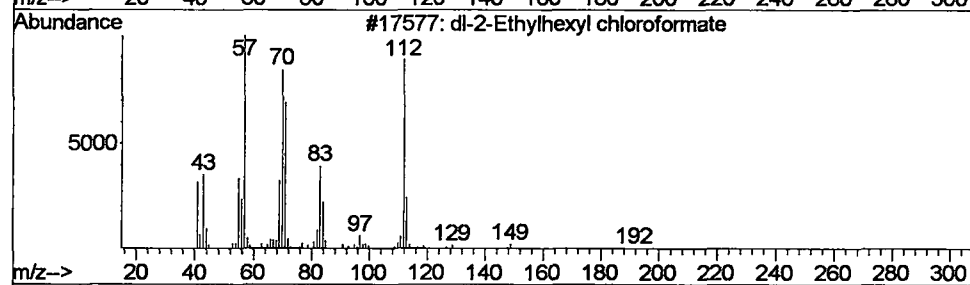
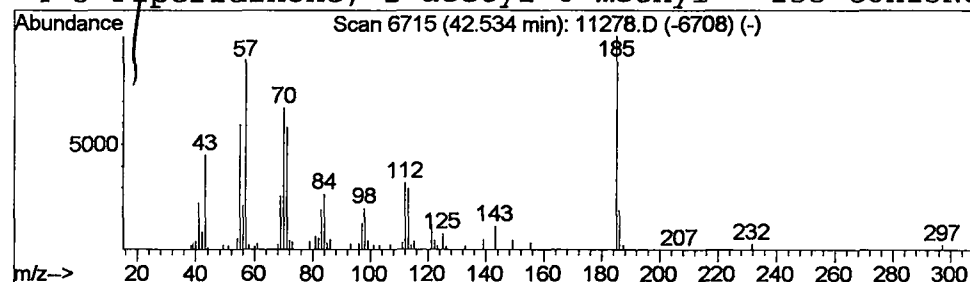
Vial: 12
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 7 dl-2-Ethylhexyl chloroformate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
42.53	1.94 ug/l	126164	Perylene-d12	43.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	27
2		3-Octen-2-one, 4-(methylamino)-	155	C9H17NO	024985-58-8	22
3		1,2,4-Triazolo[4,3-a]pyridine-3(...	185	C6H4ClN3S	022841-91-4	22
4		3-Piperidinone, 1-acetyl-6-methyl-	155	C8H13NO2	054751-97-2	14



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 15 May 2002 10:41 pm
Data File: C:\MSDCHEM\1\DATA\020515\11278.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	22.4	ug/l	1677800	1	11.37	3000540	40.0
Cyclopentasiloxan...	15.47	0.7	ug/l	63832	2	16.53	3769370	40.0
Quinazoline, 6-ni...	22.30	0.2	ug/l	21508	3	24.46	3933630	40.0
Benzene, 1,2,3,5-...	28.91	0.2	ug/l	23463	4	31.72	4225730	40.0
2,4-Diamino-6-(hy...	31.08	0.3	ug/l	35951	4	31.72	4225730	40.0
Anthracene-d10-	31.95	0.3	ug/l	32699	4	31.72	4225730	40.0
dl-2-Ethylhexyl c...	42.53	1.9	ug/l	126164	6	43.15	2599370	40.0