

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/29/2002 Time: 15:41:09

Sample: AE11572
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/29/02 15:40 Ended: 5/29/02 15:40 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 AE11572 - Analysis \$GCMS

Nestchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-29-2002 Time: 15:41:43

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\020521\11572.D

Vial: 25

Acq On : 22 May 2002 8:04 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

Quant Time: May 24 09:50:05 2002

Quant Results File: SCAN020521.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)

Title : Method 508 GC/MS Scan

Last Update : Fri May 24 09:17:56 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	402327	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1509215	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.45	164	794595	40.00	ug/l	-0.03
30) Phenanthrene-d10	31.72	188	1368078	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1052349	40.00	ug/l	-0.05
44) Perylene-d12	43.14	264	602724	40.00	ug/l	-0.04

System Monitoring Compounds

27) TCMX	27.55	207	218114	34.22	ug/l	-0.04
Spiked Amount	40.000		Recovery	=	85.55%	

Target Compounds

Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
11572.D SCAN020521.M Fri May 24 14:09:13 2002 Page 1

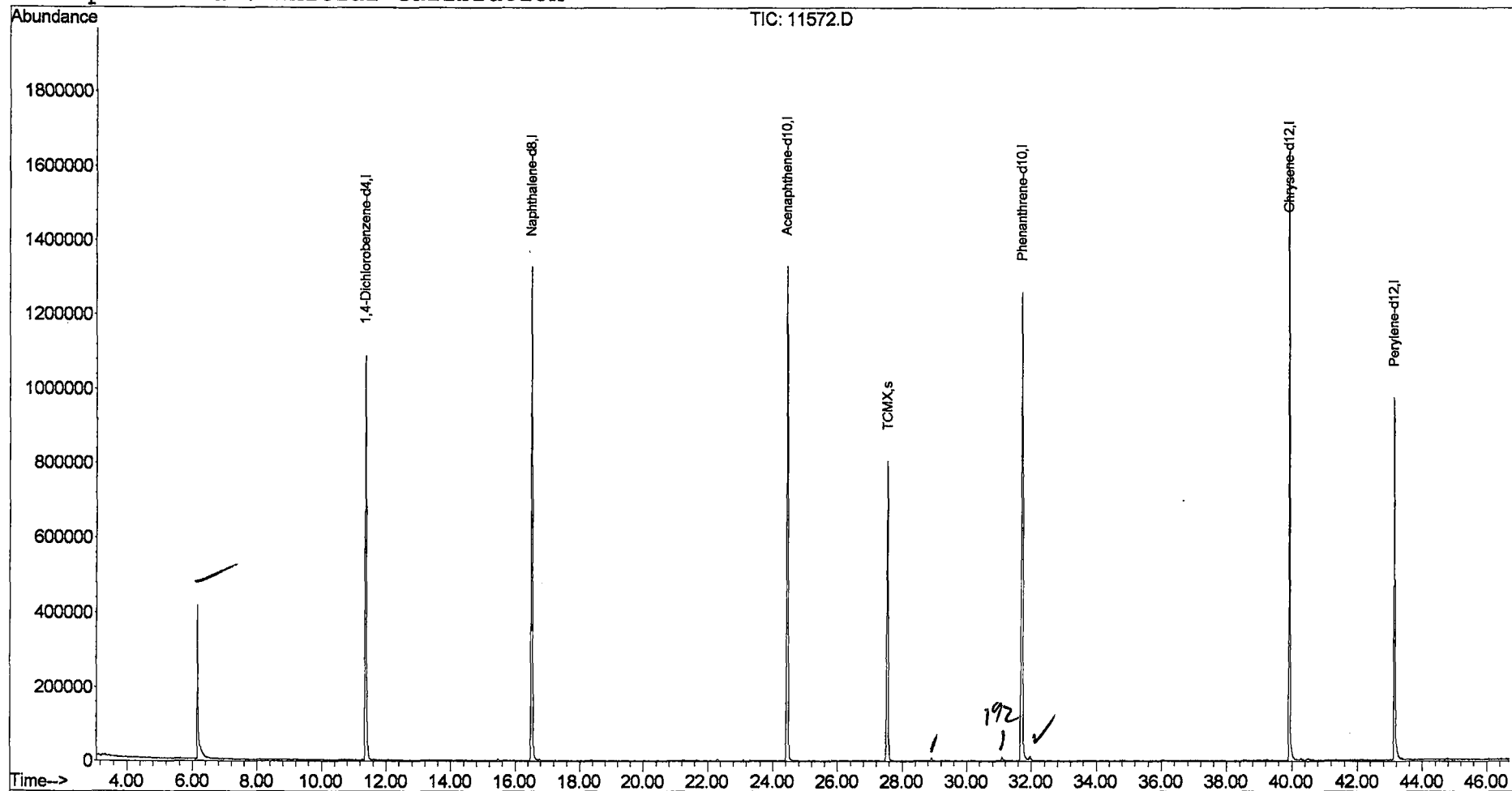
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020521\11572.D
Acq On : 22 May 2002 8:04 am
Sample : sample
Misc :
MS Integration Params: rteint.e
Quant Time: May 24 9:50 2002

Vial: 25
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Results File: SCAN020521.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Fri May 24 09:17:56 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020521\11572.D
 Acq On : 22 May 2002 8:04 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

Vial: 25
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\SCAN020521.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

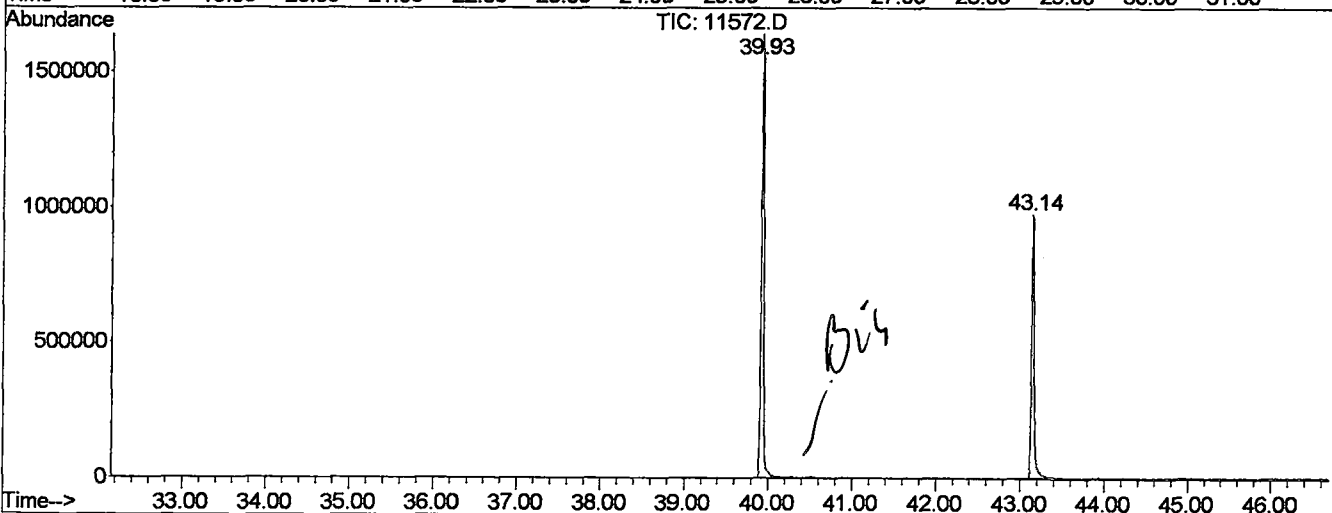
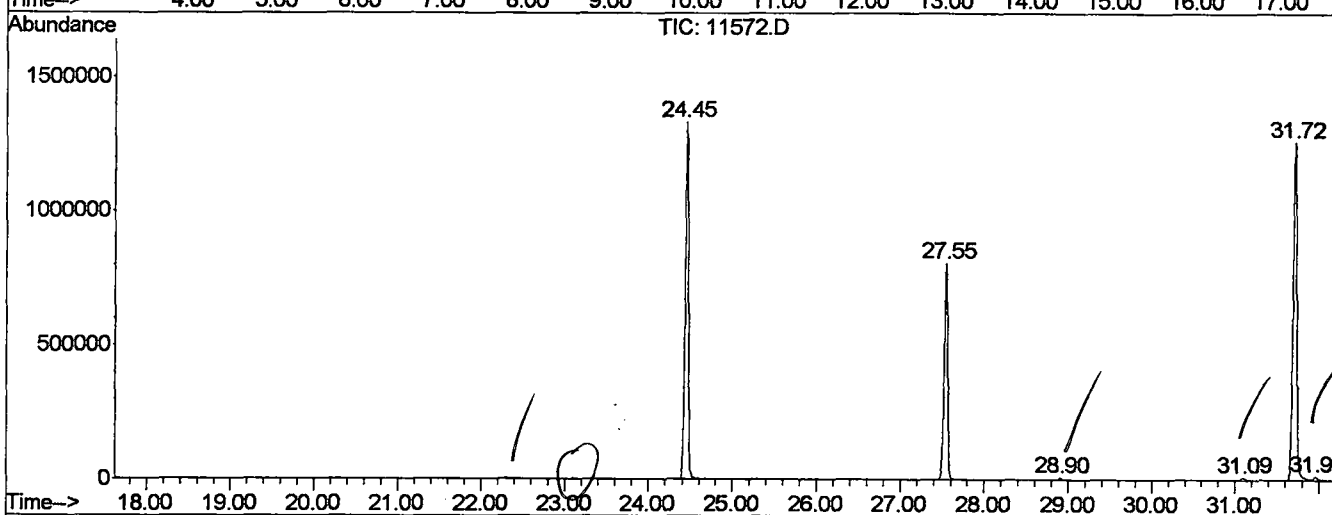
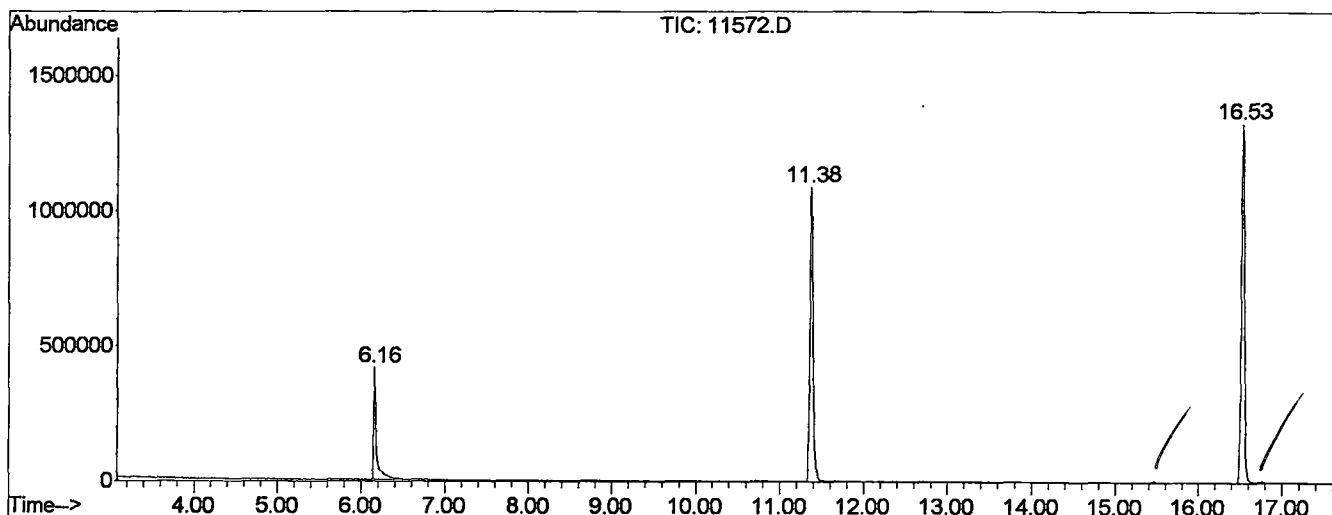
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.158	519	524	564	rBV	413524	919297	23.88%	4.112%
2	11.376	1398	1412	1432	rBV	1088953	2798604	72.70%	12.517%
3	16.534	2273	2290	2313	rBV2	1328678	3490749	90.68%	15.613%
4	24.455	3624	3638	3658	rBV2	1330551	3616355	93.95%	16.174%
5	27.551	4148	4165	4182	rBV2	806727	2264707	58.83%	10.129%
6	28.902	4387	4395	4405	rVB7	8084	19471	0.51%	0.087%
7	31.094	4758	4768	4780	rBV6	10258	32154	0.84%	0.144%
8	31.717	4857	4874	4901	rBV3	1261059	3849338	100.00%	17.216%
9	31.958	4907	4915	4928	rVB6	12736	38491	1.00%	0.172%
10	39.931	6262	6272	6291	rBV	1639262	3205798	83.28%	14.338%
11	43.145	6810	6819	6848	rBV2	975189	2123530	55.17%	9.498%

Sum of corrected areas: 22358494

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020521\11572.D
 Operator : Nefliu
 Acquired : 22 May 2002 8:04 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 25
 Quant File :SCAN020521.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11572.D
 Acq On : 22 May 2002 8:04 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

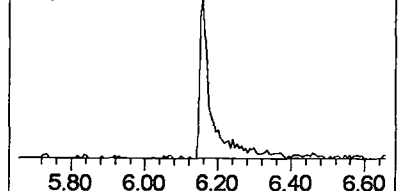
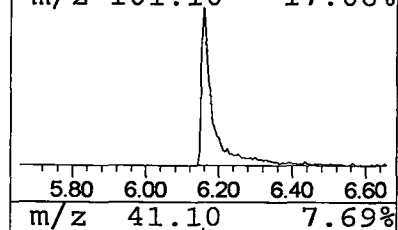
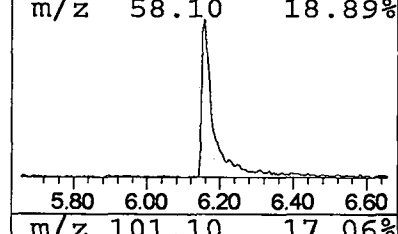
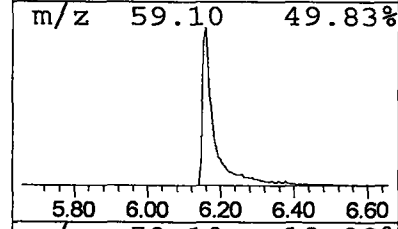
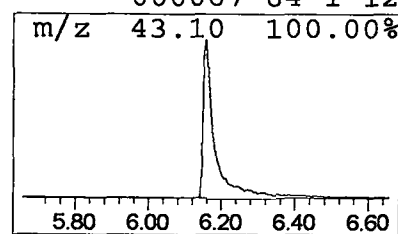
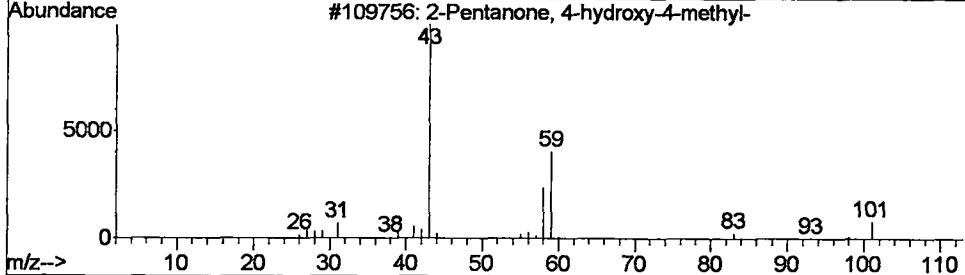
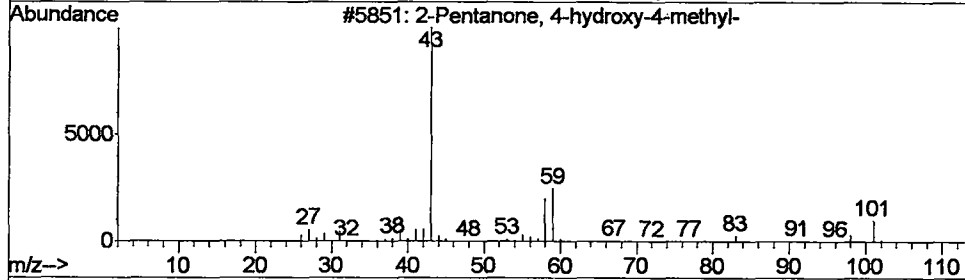
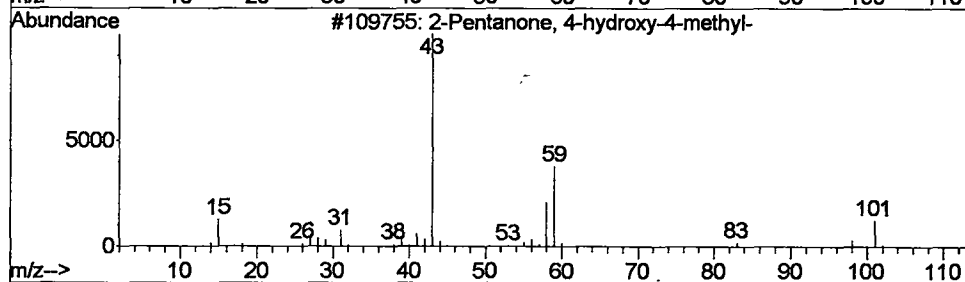
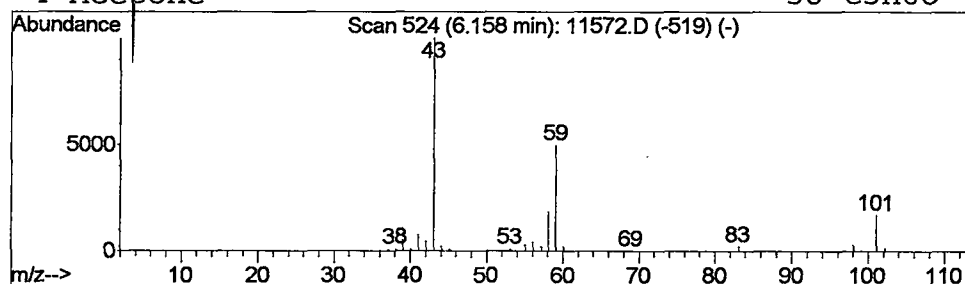
Vial: 25
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.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	13.14 ug/l	919297	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	53
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
4			Acetone	58	C3H6O	000067-64-1	12



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11572.D

Acq On : 22 May 2002 8:04 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 25

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)

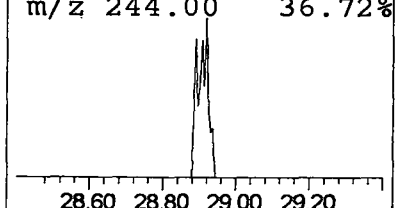
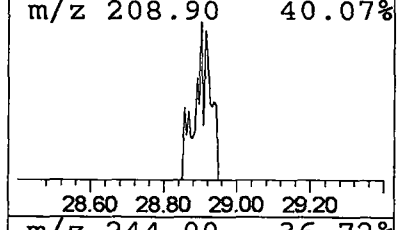
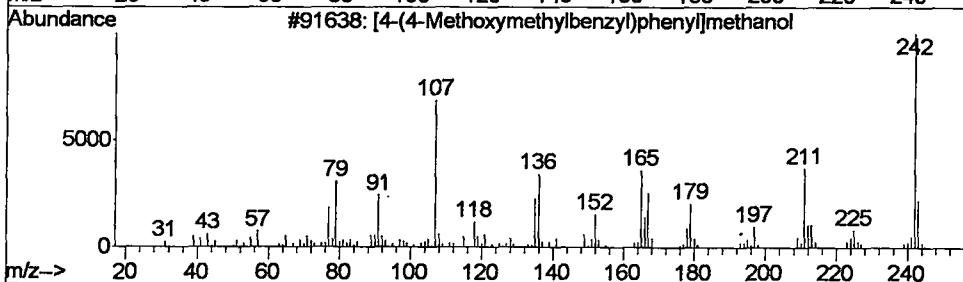
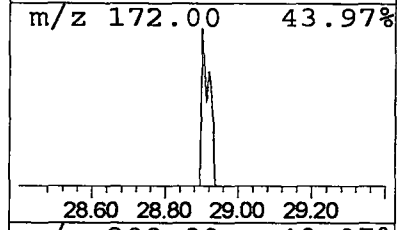
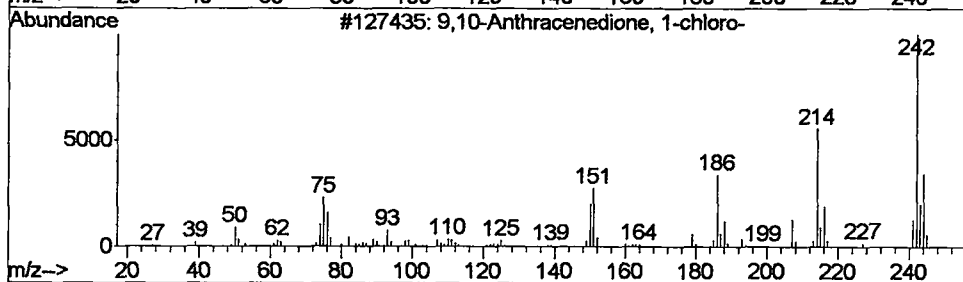
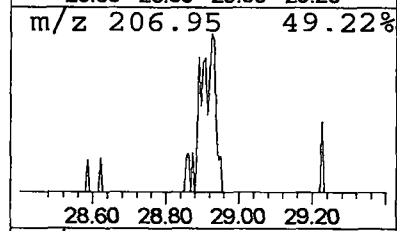
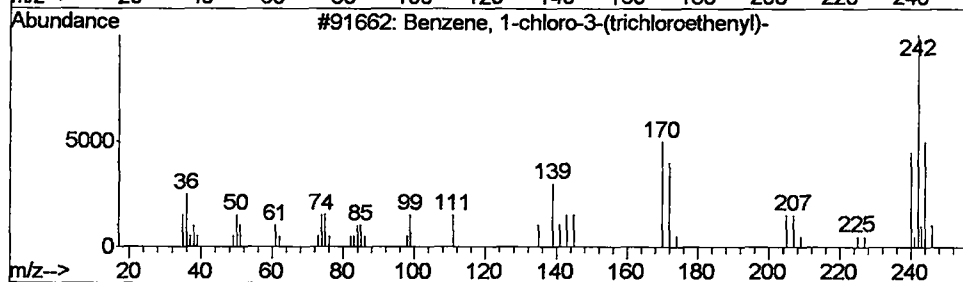
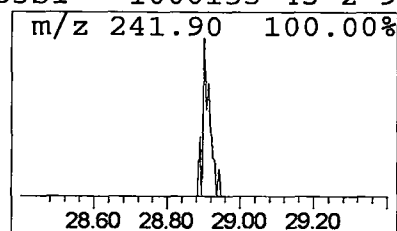
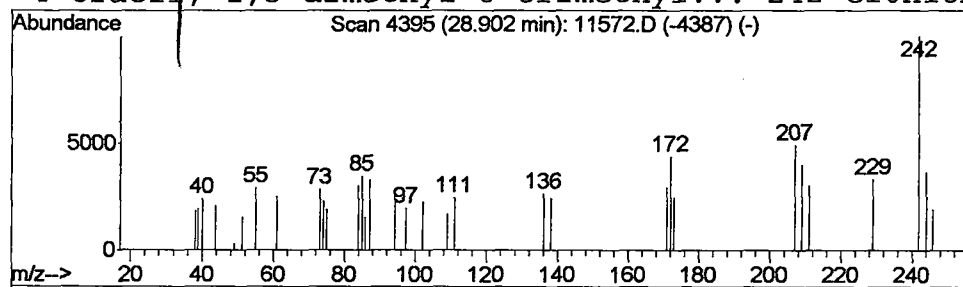
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 2 Benzene, 1-chloro-3-(trichl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.90	0.20 ug/l	19471	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-chloro-3-(trichloroet...	240	C8H4Cl4	000704-21-2	32
2			9,10-Anthracenedione, 1-chloro-	242	C14H7ClO2	000082-44-0	9
3			[4-(4-Methoxymethylbenzyl)phenyl]...	242	C16H18O2	1000202-05-8	9
4			Uracil, 1,3-dimethyl-6-trimethyl...	242	C10H18N2O3Si	1000153-43-2	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11572.D
 Acq On : 22 May 2002 8:04 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

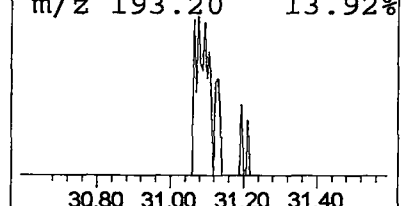
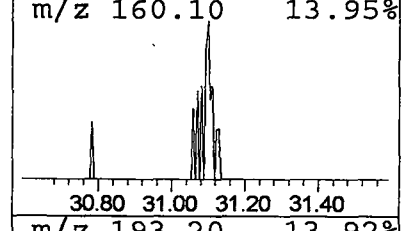
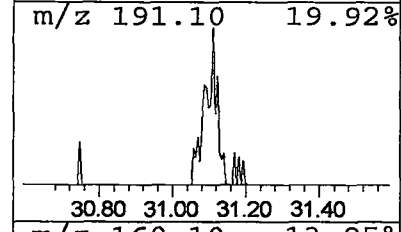
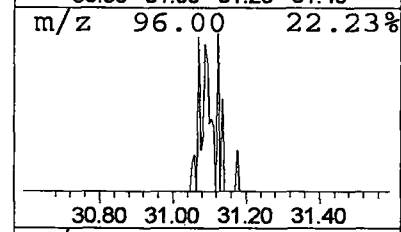
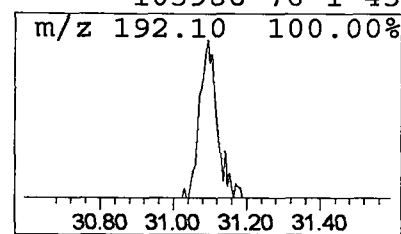
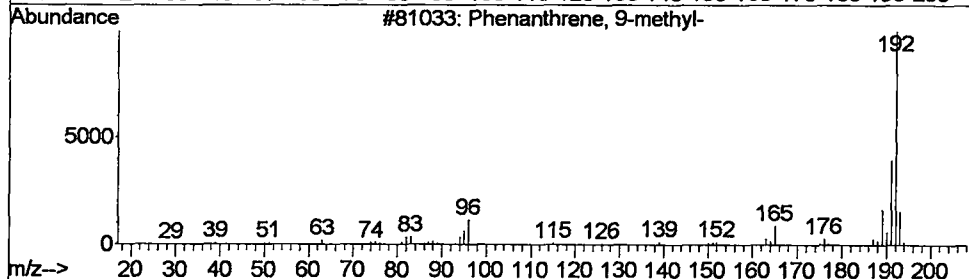
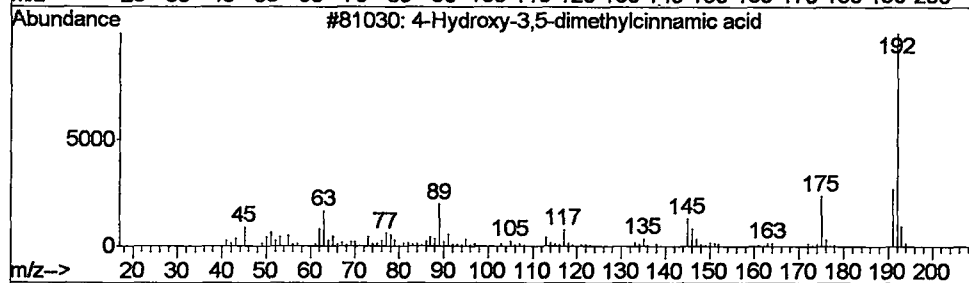
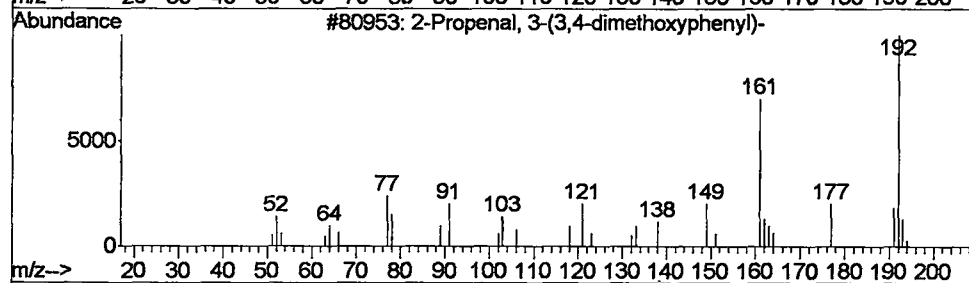
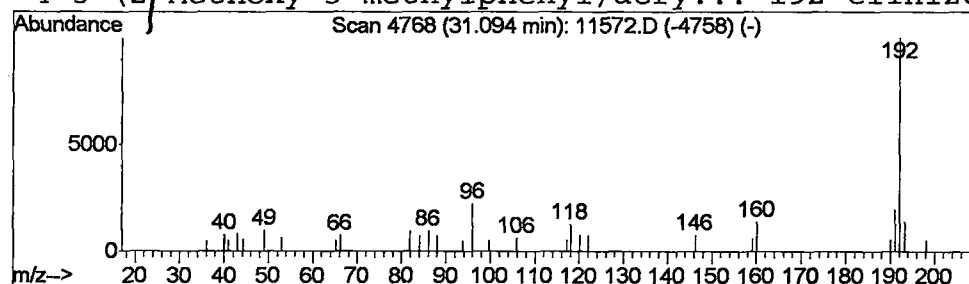
Vial: 25
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

 Peak Number 3 2-Propenal, 3-(3,4-dimethox... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.33 ug/l	32154	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	53
2		4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	47
3		Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	47
4		3-(2-Methoxy-5-methylphenyl)acry...	192	C11H12O3	103986-76-1	43



Data File : C:\MSDCHEM\1\DATA\020521\11572.D

Acq On : 22 May 2002 8:04 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 25

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)

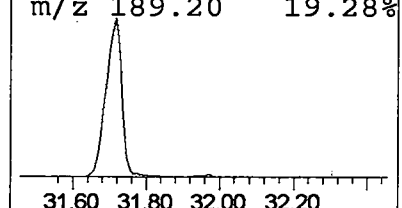
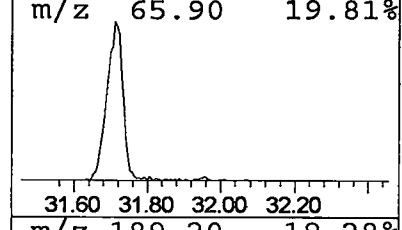
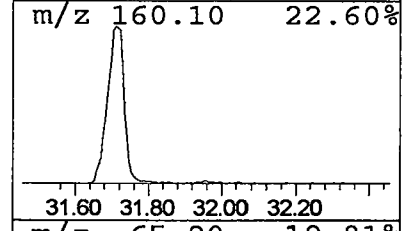
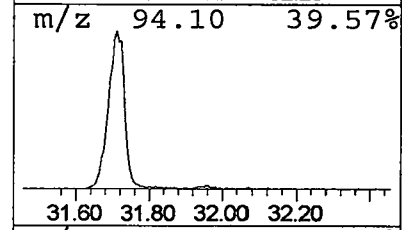
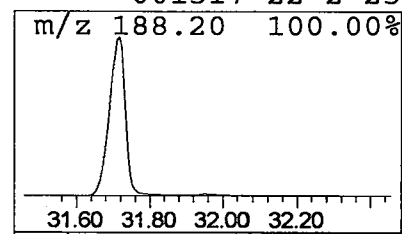
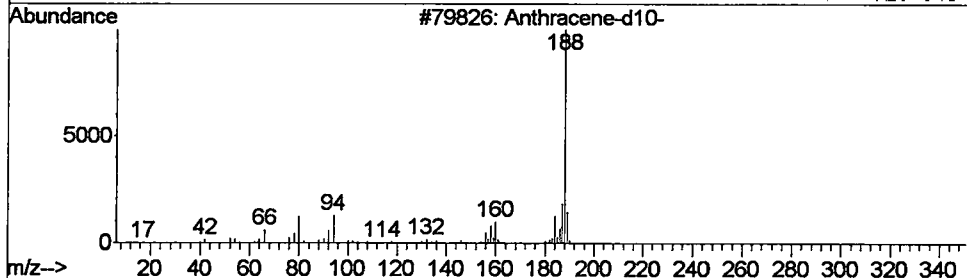
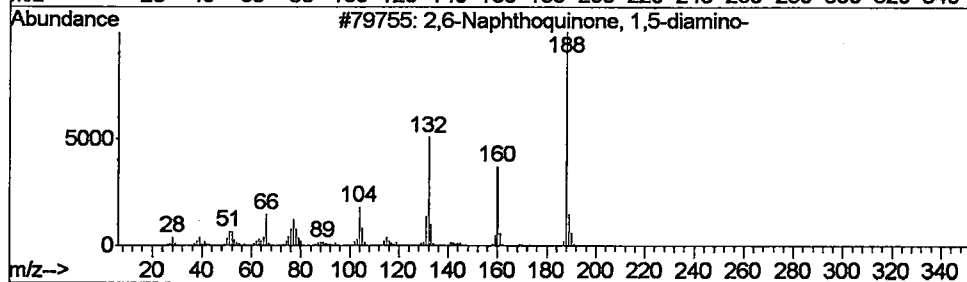
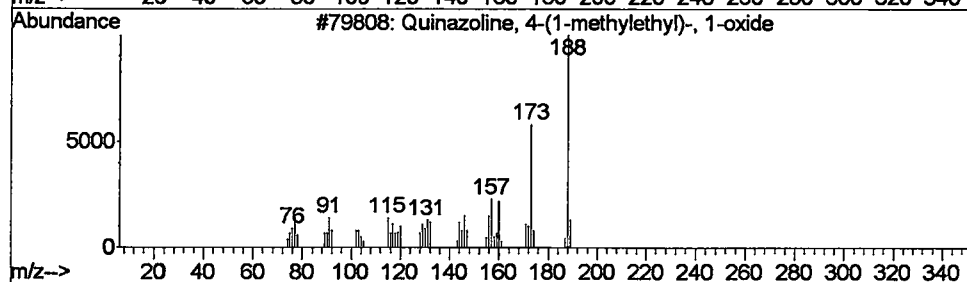
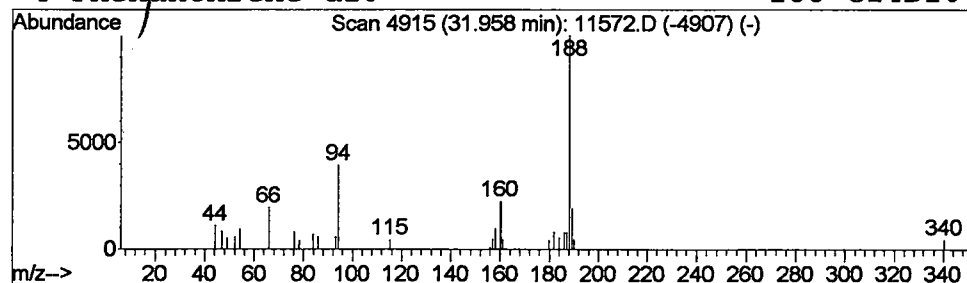
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 4 Quinazoline, 4-(1-methyleth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.40 ug/l	38491	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinazoline, 4-(1-methylethyl)-,...	188	C11H12N2O	050915-32-7	33
2	2,6-Naphthoquinone, 1,5-diamino-	188	C10H8N2O2	002783-59-7	33
3	Anthracene-d10-	188	C14D10	001719-06-8	23
4	Phenanthrene-d10	188	C14D10	001517-22-2	23



tentatively identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 22 May 2002 8:04 am
Data File: C:\MSDCHEM\1\DATA\020521\11572.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020521.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	13.1	ug/l	919297	1	11.38	2798600	40.0
Benzene, 1-chloro...	28.90	0.2	ug/l	19471	4	31.72	3849340	40.0
2-Propenal, 3-(3,...	31.09	0.3	ug/l	32154	4	31.72	3849340	40.0
Quinazoline, 4-(1:...	31.96	0.4	ug/l	38491	4	31.72	3849340	40.0

Anthracene - do