

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/14/2002 Time: 14:26:07

Sample: AE10024
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/14/02 14:25 Ended: 5/14/02 14:25 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		70		10.0

Comments for Sample AE10024 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-14-2002 Time: 14:26:15

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

Data File : C:\MSDCHEM\1\DATA\020507\10024.D
Acq On : 8 May 2002 9:48 am
Sample : sample
Misc :
MS Integration Params: lscint.e
Quant Time: May 09 09:50:58 2002

Vial: 23
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 09 09:21:01 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	466426	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1739521	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.45	164	924765	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.71	188	1581429	40.00	ug/l	-0.03
38) Chrysene-d12	39.93	240	1292496	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	823940	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.54	207	51447	6.96	ug/l	-0.04
Spiked Amount	10.000		Recovery	=	69.60%	
Target Compounds						
43) Bis(2-ethylhexyl)phthalate	40.52	149	77697	2.81	ug/l	Qvalue 96

(#) = qualifier out of range (m) = manual integration (+) = signals summed
10024.D SCAN020507.M Thu May 09 09:52:18 2002 Page 1

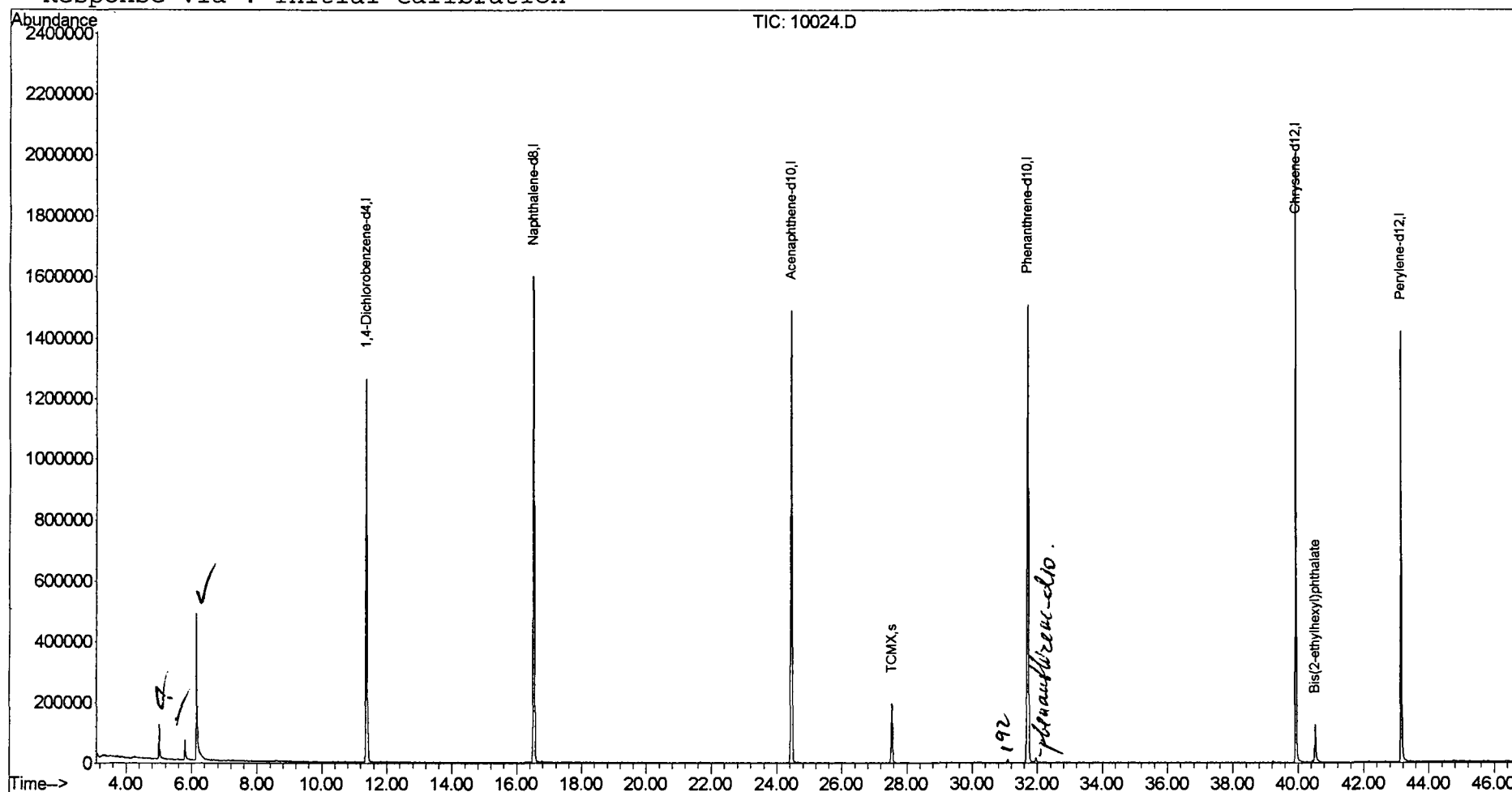
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020507\10024.D
 Acq On : 8 May 2002 9:48 am
 Sample : sample
 Misc :
 MS Integration Params: lscint.e
 Quant Time: May 9 9:52 2002

Vial: 23
 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 09 09:21:01 2002
 Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\020507\10024.D

Acq On : 8 May 2002 9:48 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 23

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: 0.7 % 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

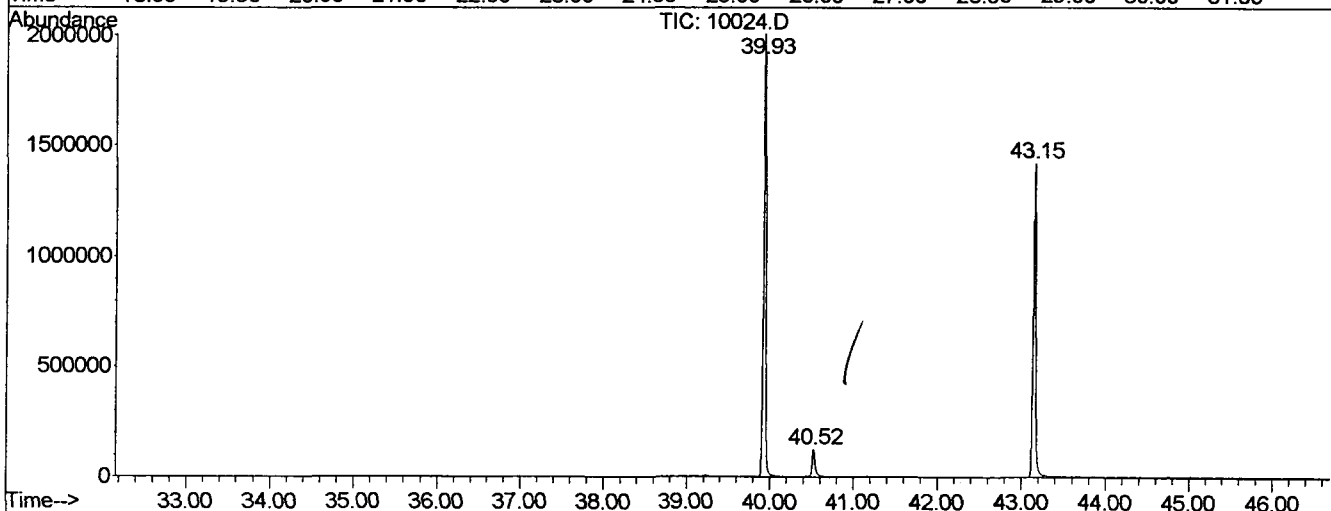
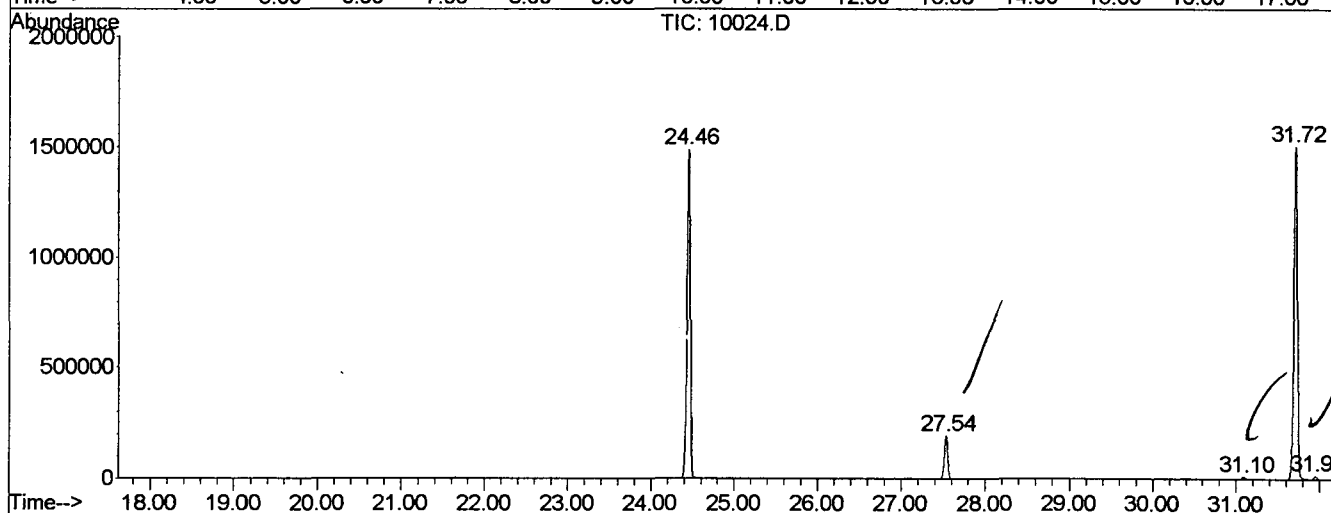
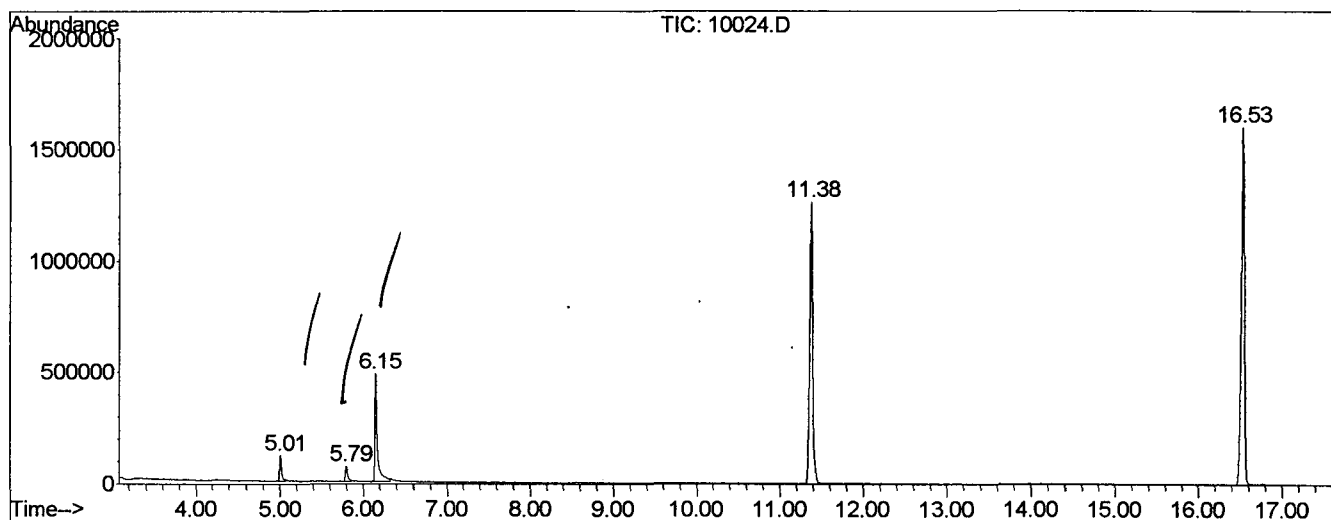
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.006	323	328	339	rBV	113889	188615	4.22%	0.758%
2	5.794	457	462	472	rBV3	67330	132837	2.97%	0.534%
3	6.146	516	522	553	rBV	483907	1039992	23.28%	4.179%
4	11.376	1399	1412	1429	rBV	1263189	3183500	71.27%	12.791%
5	16.534	2276	2290	2312	rBV	1599535	4017038	89.93%	16.140%
6	24.460	3620	3639	3650	rBV2	1488427	4138002	92.63%	16.626%
7	27.539	4146	4163	4175	rBV3	195029	542290	12.14%	2.179%
8	31.100	4756	4769	4780	rVB3	11037	34552	0.77%	0.139%
9	31.717	4853	4874	4890	rBV2	1507506	4467098	100.00%	17.948%
10	31.952	4907	4914	4924	rVB3	15205	36711	0.82%	0.148%
11	39.931	6260	6272	6287	rBV2	2003161	3897481	87.25%	15.660%
12	40.518	6364	6372	6395	rVB	123756	321165	7.19%	1.290%
13	43.151	6809	6820	6838	rBV2	1419301	2889331	64.68%	11.609%

Sum of corrected areas: 24888612

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020507\10024.D
 Operator : Nefliu
 Acquired : 8 May 2002 9:48 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 23
 Quant File :SCAN020507.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\DATA\020507\10024.D
 Acq On : 8 May 2002 9:48 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

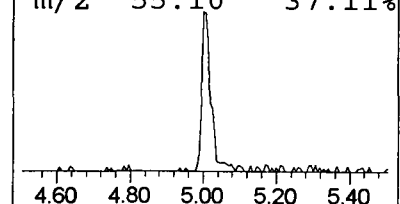
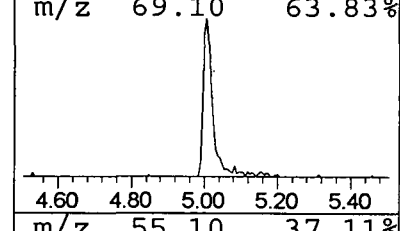
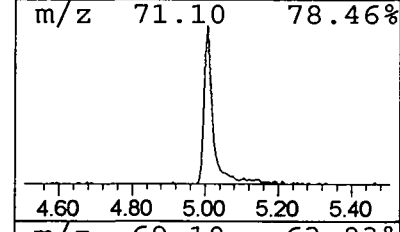
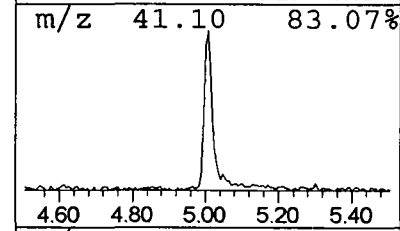
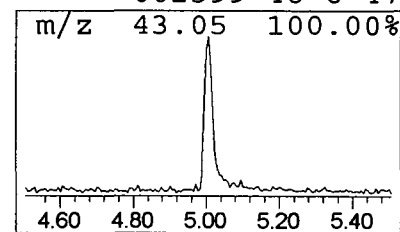
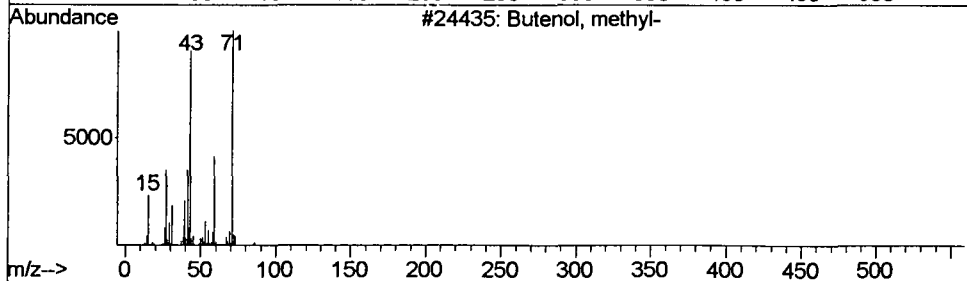
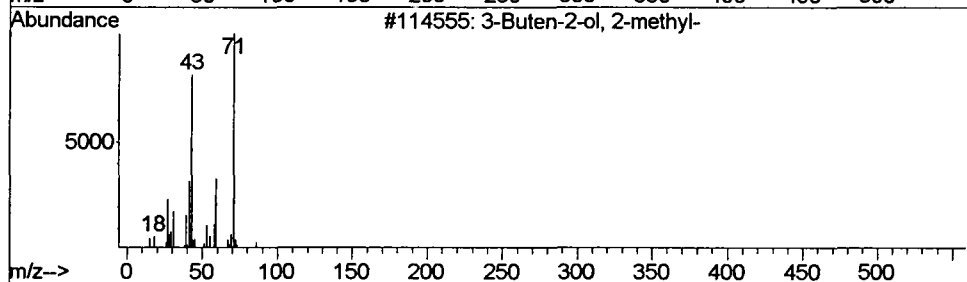
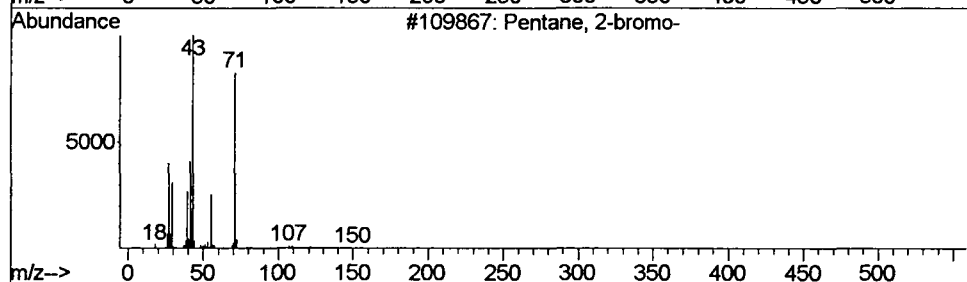
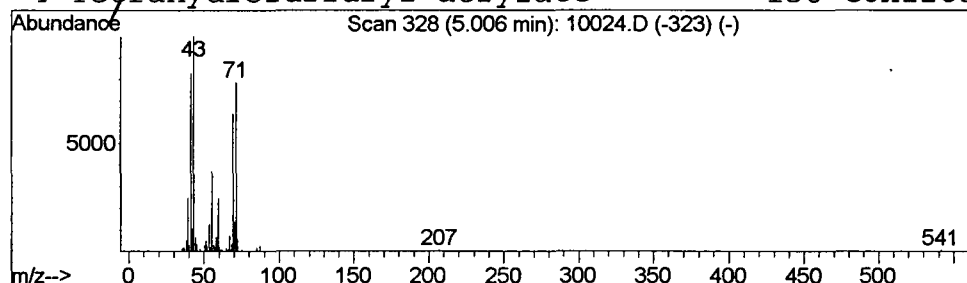
Vial: 23
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 1 Pentane, 2-bromo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	2.37 ug/l	188615	1,4-Dichlorobenzene-d4	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	50
2		3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	50
3		Butenol, methyl-	86	C5H10O	060766-00-9	50
4		Tetrahydrofurfuryl acrylate	156	C8H12O3	002399-48-6	47



Data File : C:\MSDCHEM\1\DATA\020507\10024.D
 Acq On : 8 May 2002 9:48 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

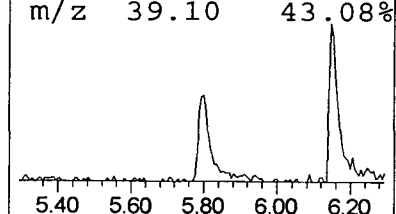
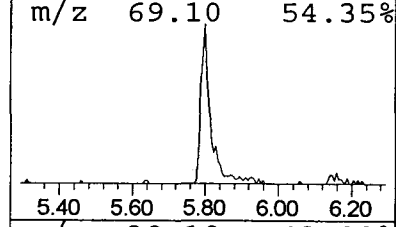
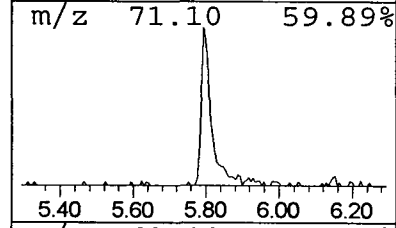
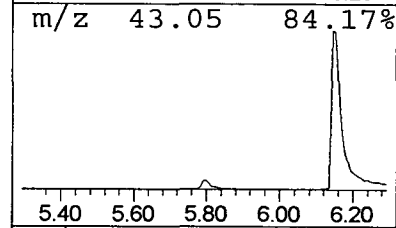
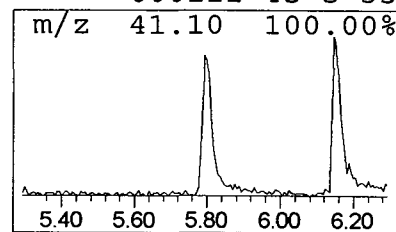
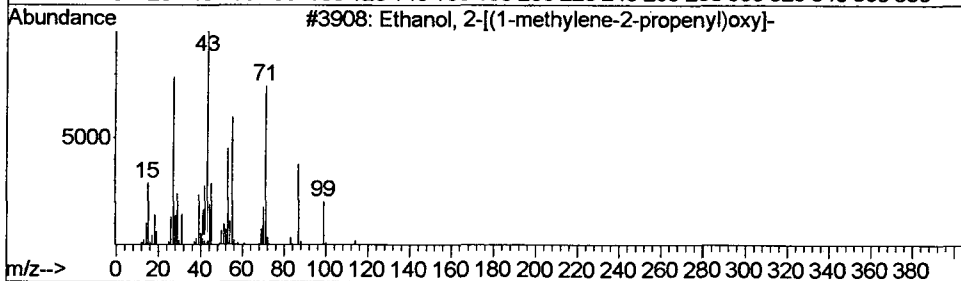
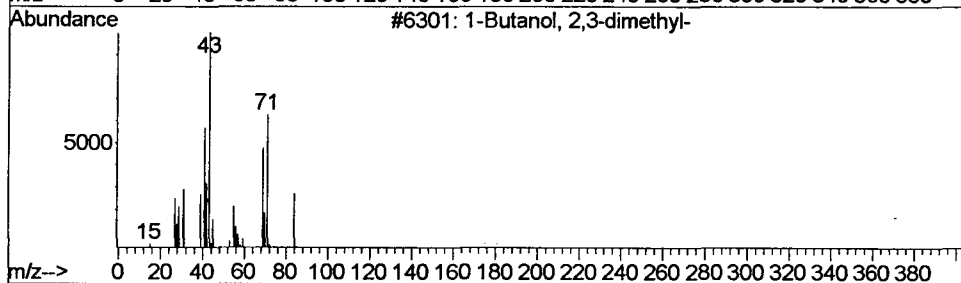
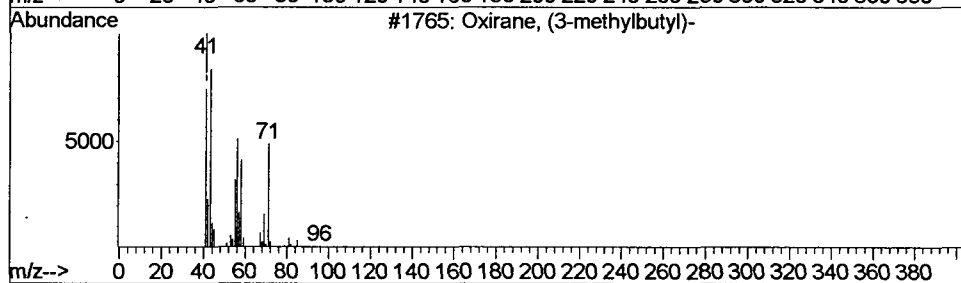
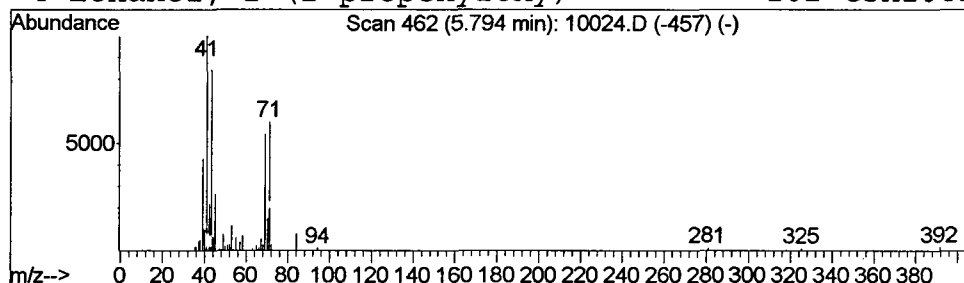
Vial: 23
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 2 Oxirane, (3-methylbutyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	1.67 ug/l	132837	1,4-Dichlorobenzene-d4	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, (3-methylbutyl)-	114	C7H14O	053229-41-7	47
2		1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	38
3		Ethanol, 2-[(1-methylene-2-prope...	114	C6H10O2	038653-51-9	37
4		Ethanol, 2-(2-propenyloxy)-	102	C5H10O2	000111-45-5	33



Data File : C:\MSDCHEM\1\DATA\020507\10024.D

Acq On : 8 May 2002 9:48 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 23

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

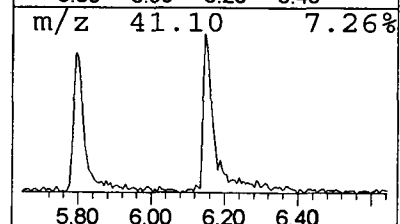
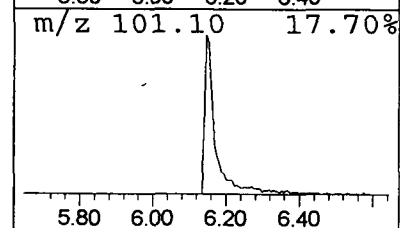
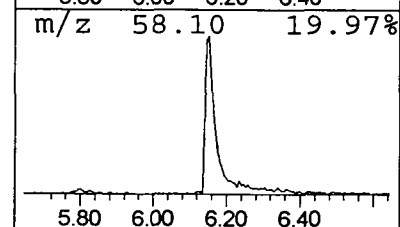
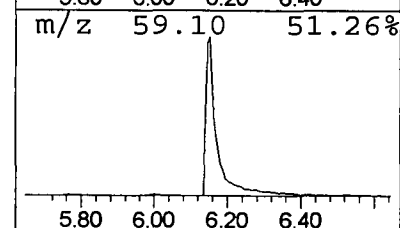
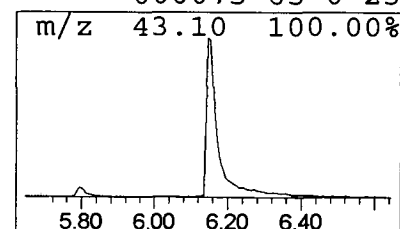
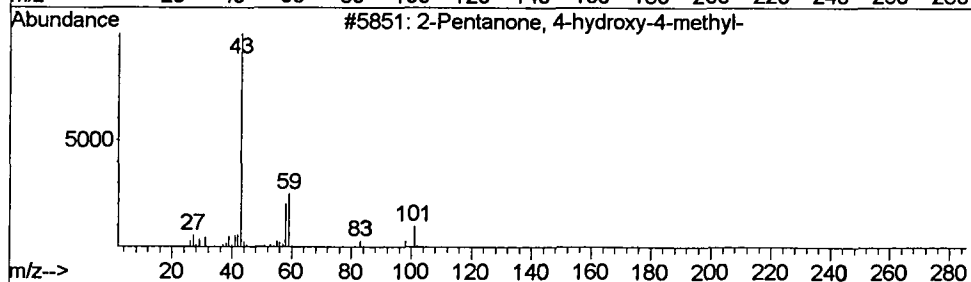
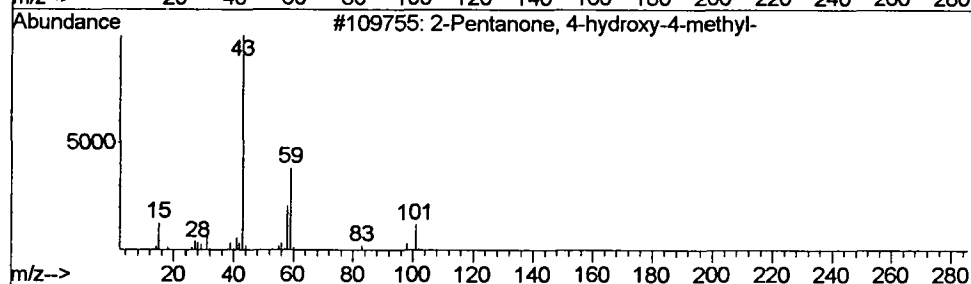
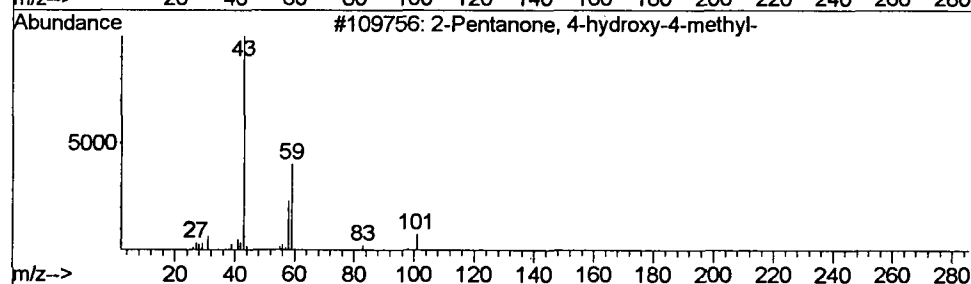
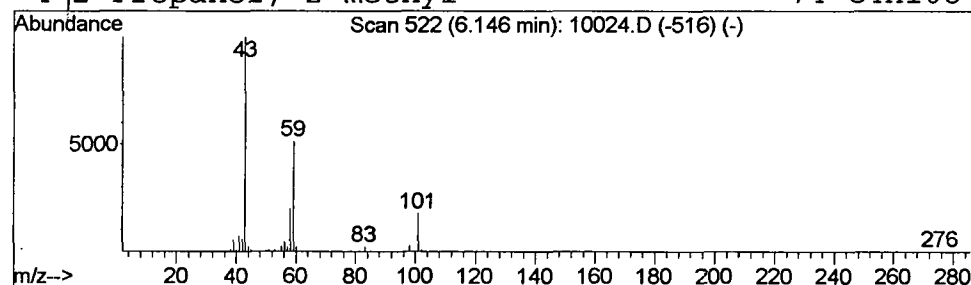
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	13.07 ug/l	1039990	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	56
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4		2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	23



Data File : C:\MSDCHEM\1\DATA\020507\10024.D

Acq On : 8 May 2002 9:48 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 23

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

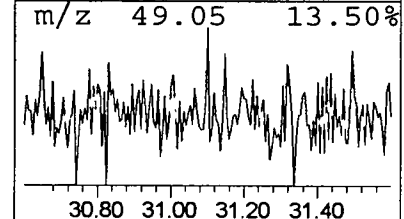
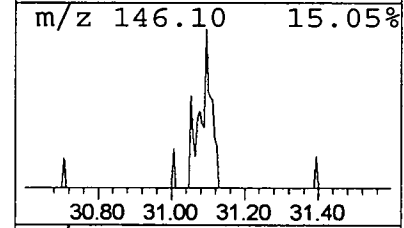
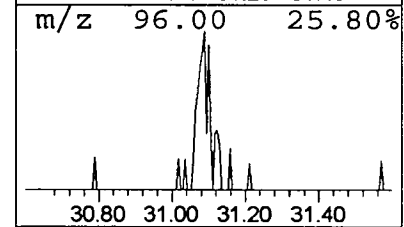
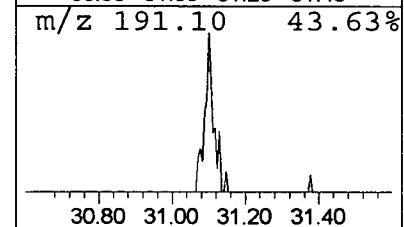
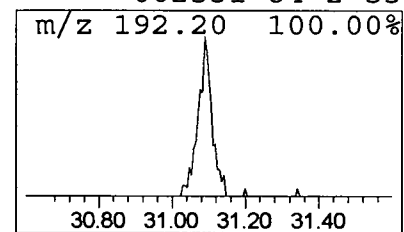
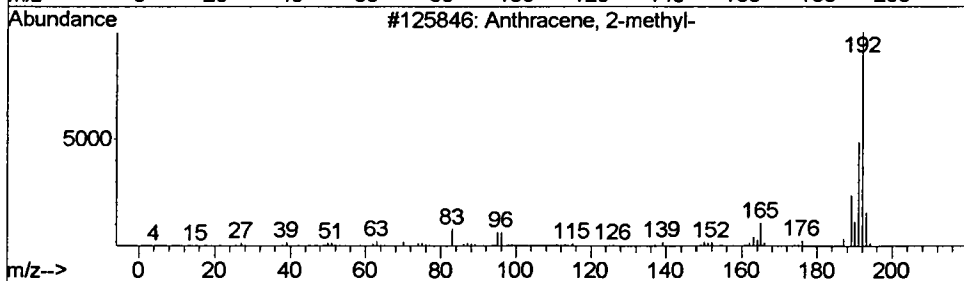
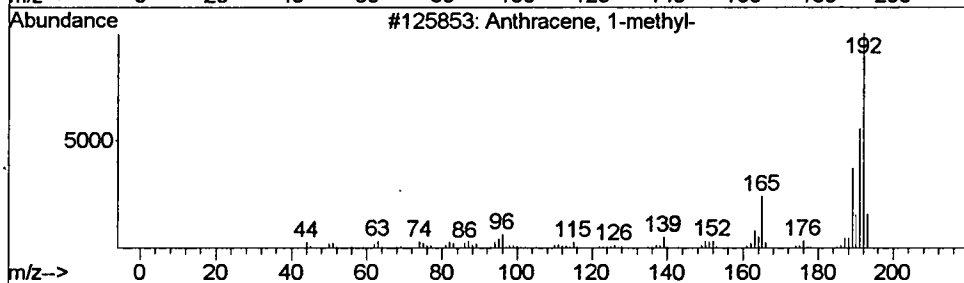
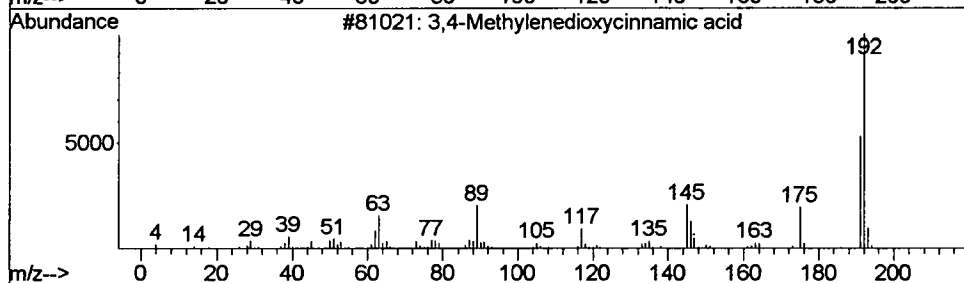
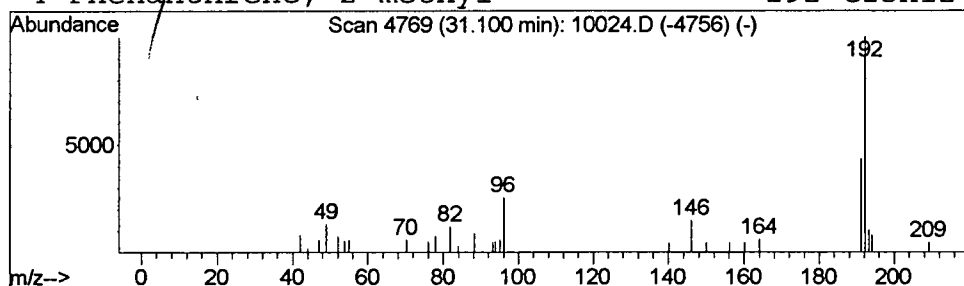
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

Peak Number 4 3,4-Methylenedioxycinnamic ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.10	0.31 ug/l	34552	Phenanthrene-d10	31.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Methylenedioxycinnamic acid	192	C10H8O4	002373-80-0	59
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	53
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	53
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	53



Data File : C:\MSDCHEM\1\DATA\020507\10024.D

Acq On : 8 May 2002 9:48 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 23

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

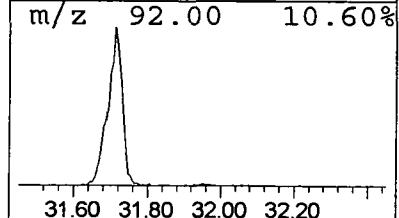
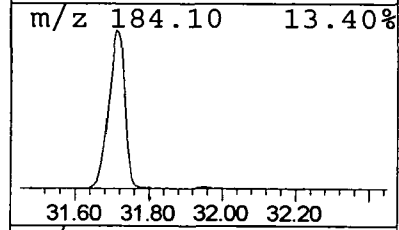
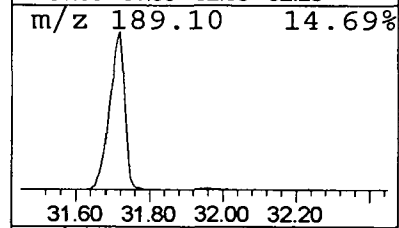
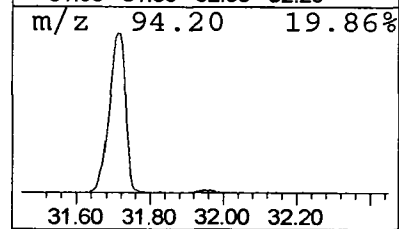
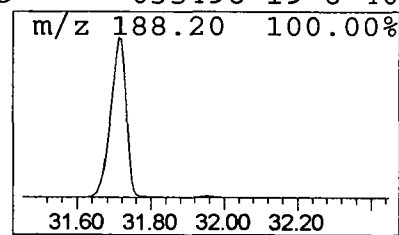
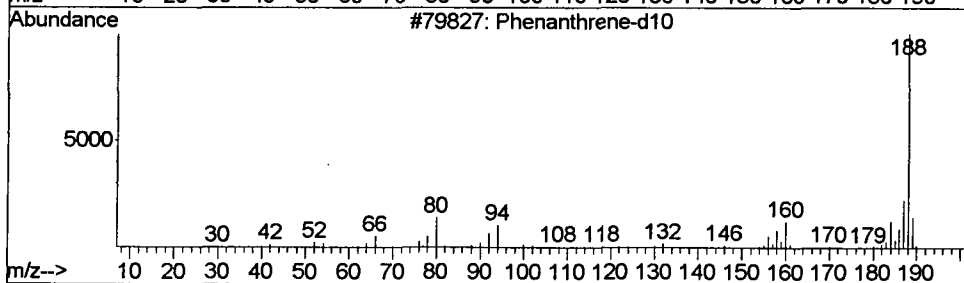
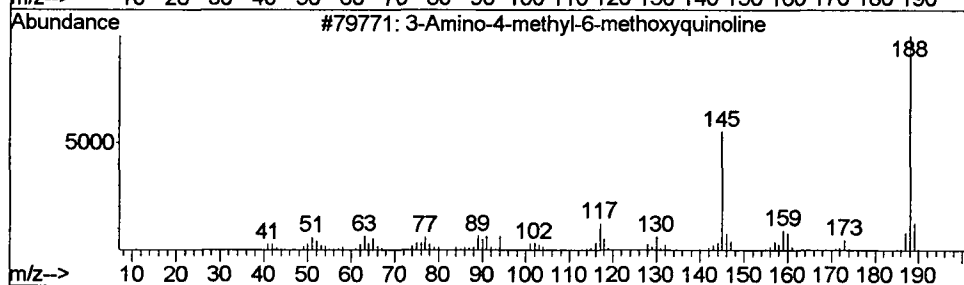
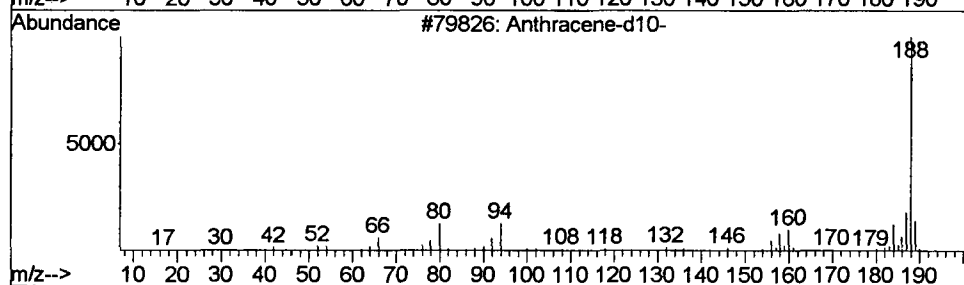
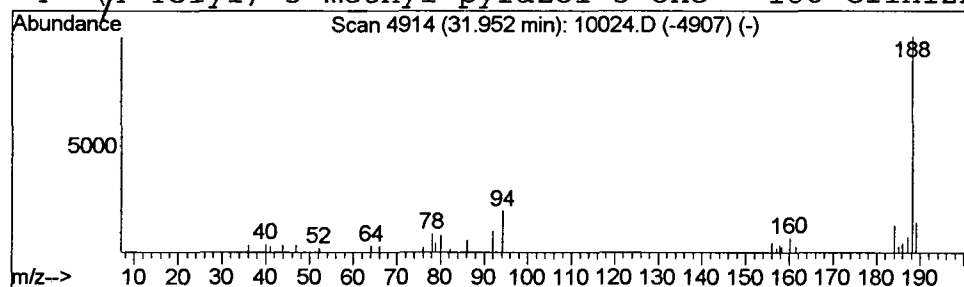
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

Peak Number 5 Anthracene-d10- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.33 ug/l	36711	Phenanthrene-d10	31.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene-d10-	188	C14D10	001719-06-8	74
2			3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	47
3			Phenanthrene-d10	188	C14D10	001517-22-2	43
4			-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	40



Operator ID: Nefliu Date Acquired: 8 May 2002 9:48 am
Data File: C:\MSDCHEM\1\DATA\020507\10024.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020507.M (RTÉ 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
3-buten-2-ol, 2-methyl								
Pentane, 2-bromo-	5.01	2.4	ug/l	188615	1	11.38	3183500	40.0
Oxirane, (3-methy...	5.79	1.7	ug/l	132837	1	11.38	3183500	40.0
2-Pentanone, 4-hy...	6.15	13.1	ug/l	1039990	1	11.38	3183500	40.0
3,4-Methylenediox...	31.10	0.3	ug/l	34552	4	31.71	4467100	40.0
Anthracene-d10-	31.95	0.3	ug/l	36711	4	31.71	4467100	40.0
Benanthrene-d10								