

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/14/2002 Time: 14:38:31

Sample: AE10067
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/14/02 14:38 Ended: 5/14/02 14:38 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qual	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		80		10.0

Comments for Sample AE10067 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-14-2002 Time: 14:38:35

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

Data File : C:\MSDCHEM\1\DATA\020507\10067.D

Acq On : 8 May 2002 1:44 pm

Sample : sample

Misc :

MS Integration Params: lscint.e

Quant Time: May 09 09:56:43 2002

Vial: 27

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	536246	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	2055574	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	1093618	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1866721	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1519088	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	989081	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.53	207	69657	7.97	ug/l	-0.04
Spiked Amount	10.000		Recovery	=	79.70%	

Target Compounds

35) Di-n-butylphthalate	34.81	149	19545	0.33	ug/l	96
43) Bis(2-ethylhexyl)phthalate	40.52	149	39026	1.20	ug/l	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed
10067.D SCAN020507.M Thu May 09 09:57:48 2002 Page 1

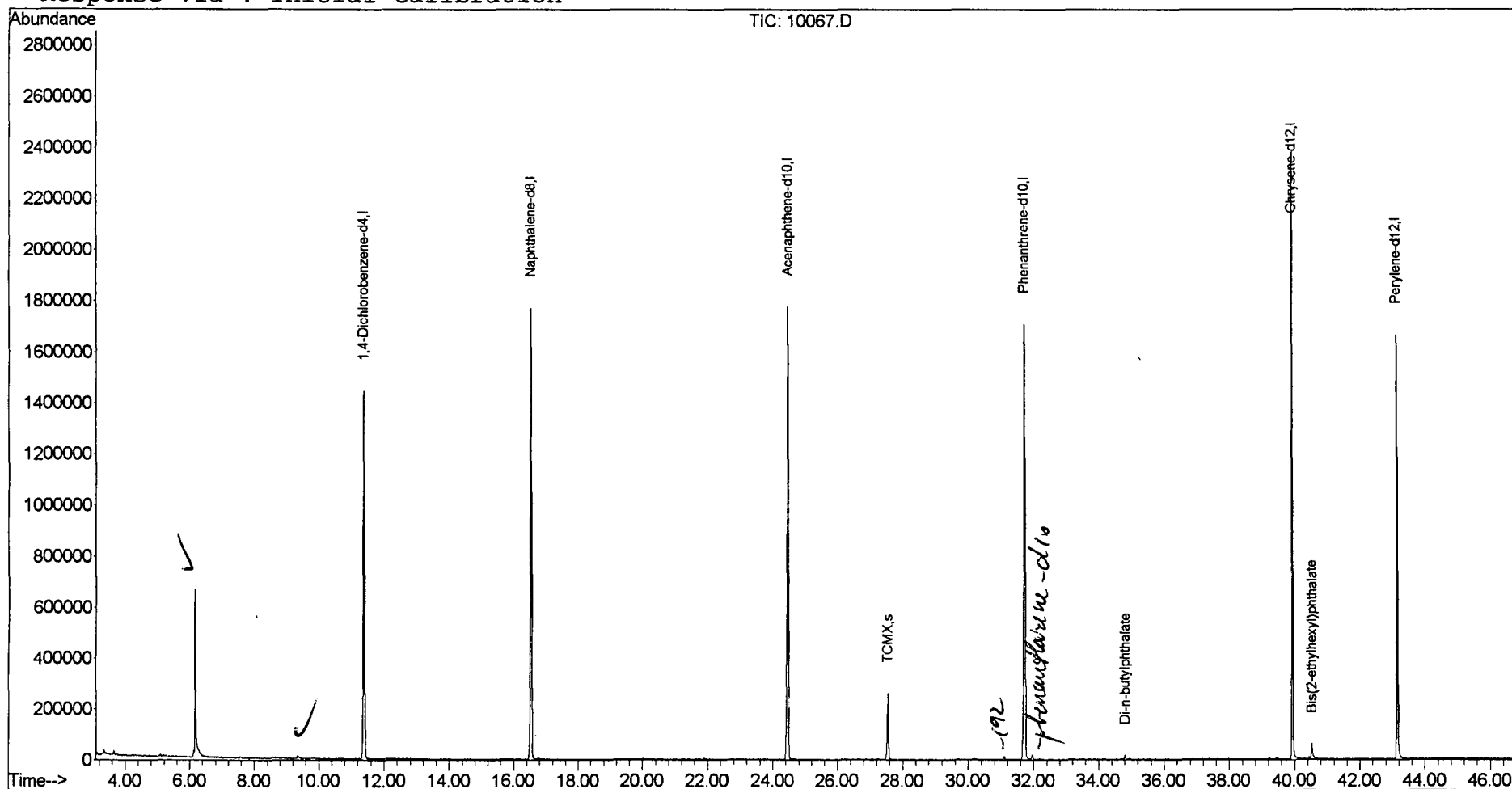
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020507\10067.D
 Acq On : 8 May 2002 1:44 pm
 Sample : sample
 Misc :
 MS Integration Params: lscint.e
 Quant Time: May 9 9:57 2002

Vial: 27
 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\10067.D

Acq On : 8 May 2002 1:44 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 27

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: 0.7 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

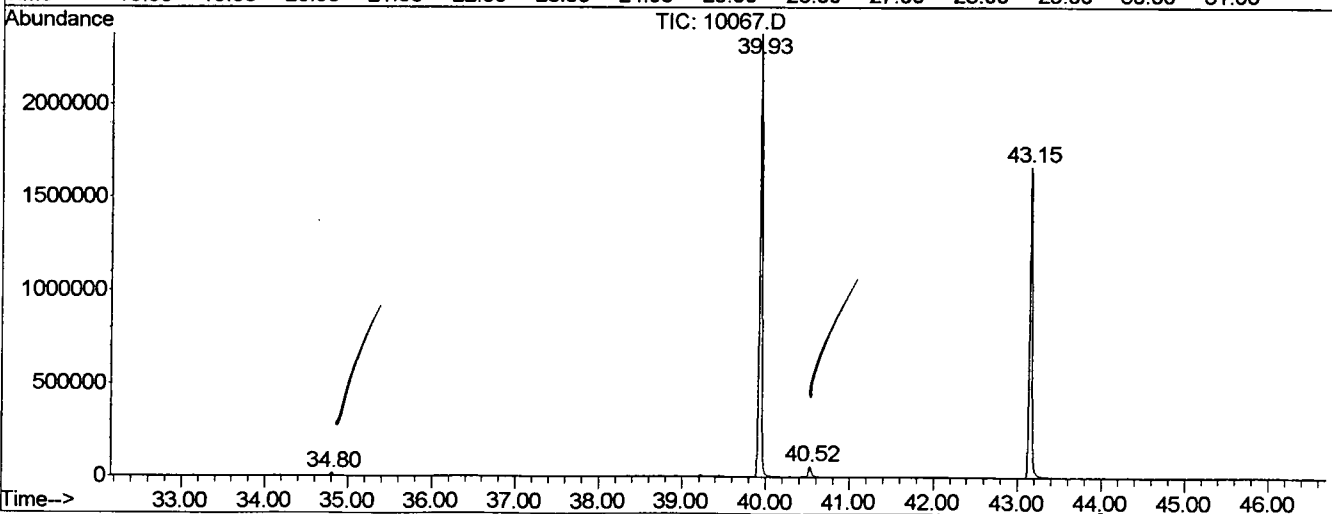
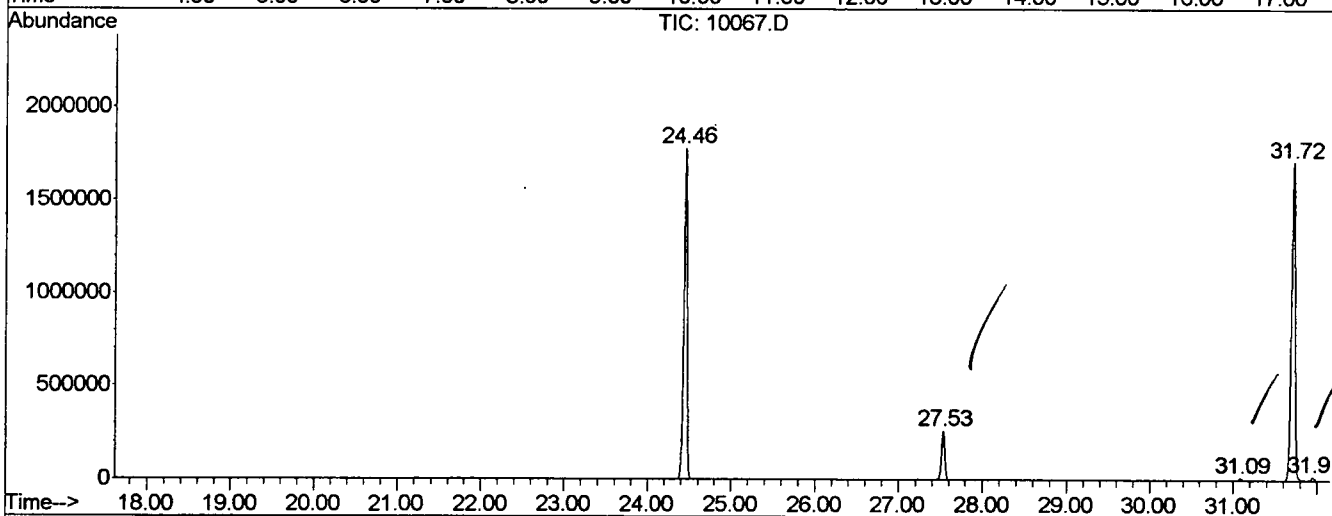
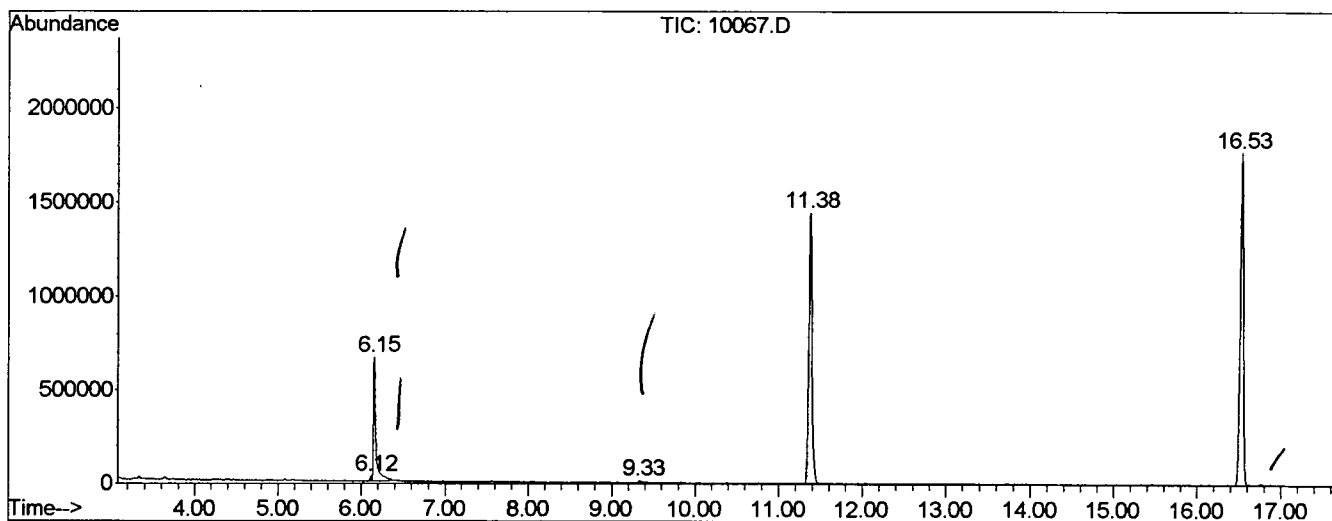
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.123	511	518	519	rBV	26171	39978	0.77%	0.137%
2	6.152	519	523	563	rVB	660261	1347345	25.82%	4.629%
3	9.331	1061	1064	1079	rBV8	11903	39230	0.75%	0.135%
4	11.375	1399	1412	1433	rBV	1441984	3731664	71.51%	12.822%
5	16.534	2276	2290	2313	rBV	1768223	4705543	90.17%	16.168%
6	24.460	3622	3639	3650	rBV2	1775426	4877791	93.47%	16.759%
7	27.533	4143	4162	4174	rBV4	260718	736107	14.11%	2.529%
8	31.088	4757	4767	4778	rVB4	13175	41503	0.80%	0.143%
9	31.723	4853	4875	4896	rBV2	1708560	5218580	100.00%	17.930%
10	31.952	4902	4914	4922	rBV5	17179	48001	0.92%	0.165%
11	34.801	5390	5399	5409	rBV2	17537	42261	0.81%	0.145%
12	39.931	6260	6272	6296	rBV2	2378865	4659206	89.28%	16.008%
13	40.524	6364	6373	6390	rVB2	57846	153011	2.93%	0.526%
14	43.151	6808	6820	6838	rBV2	1664801	3464509	66.39%	11.904%

Sum of corrected areas: 29104729

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020507\10067.D
 Operator : Nefliu
 Acquired : 8 May 2002 1:44 pm using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 27
 Quant File :SCAN020507.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\DATA\020507\10067.D

Acq On : 8 May 2002 1:44 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 27

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

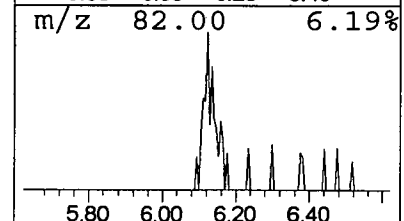
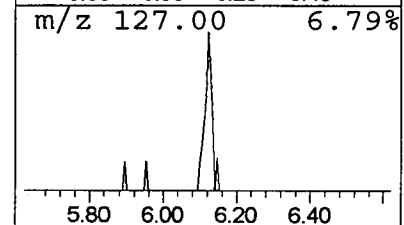
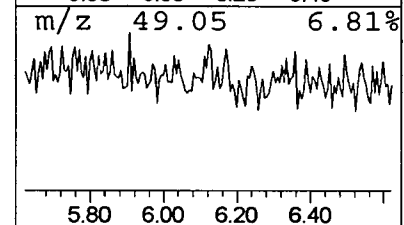
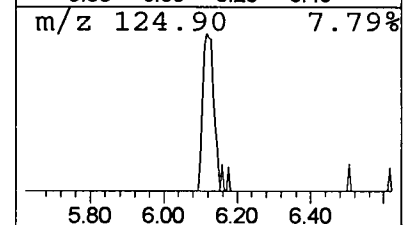
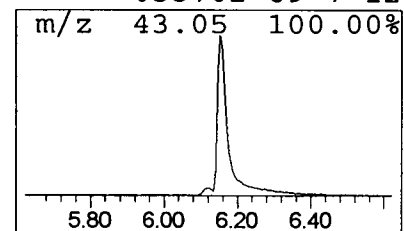
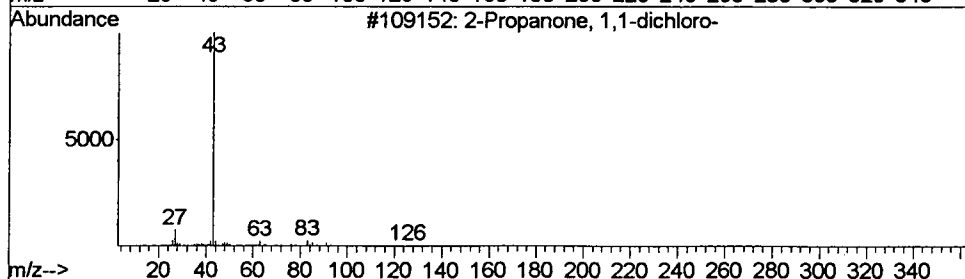
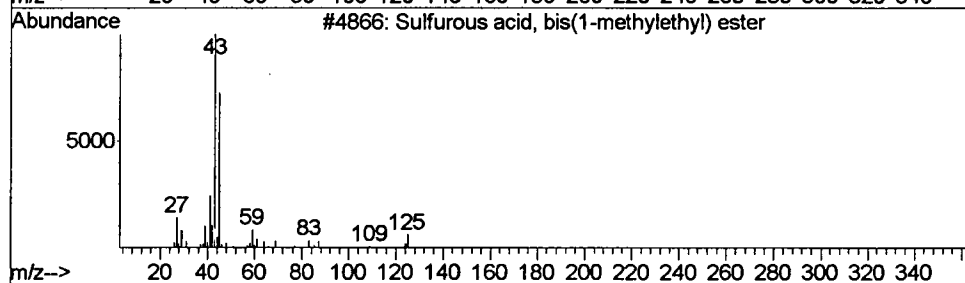
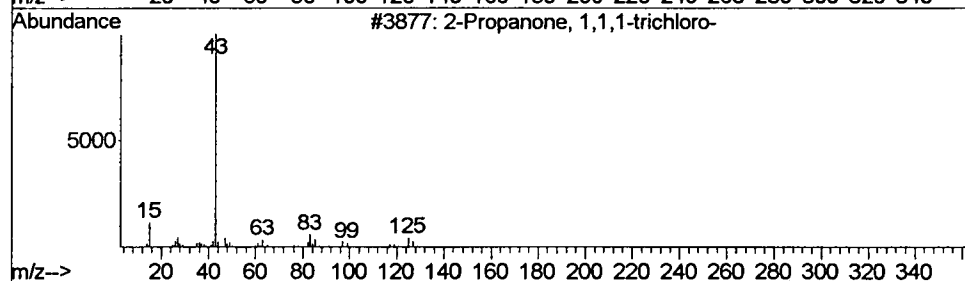
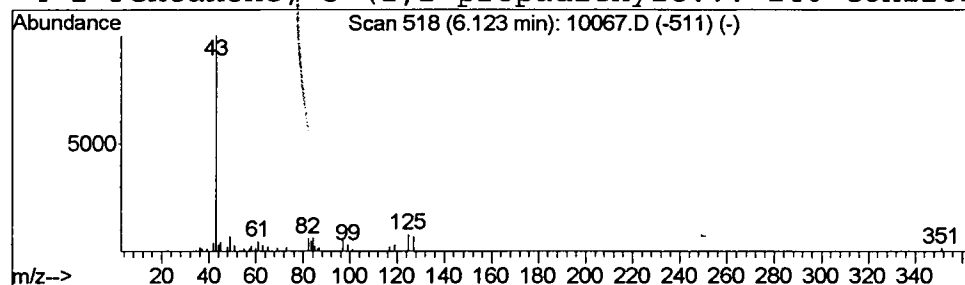
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

Peak Number 1 2-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	0.43 ug/l	39978	1,4-Dichlorobenzene-d4	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	59	
2	Sulfurous acid, bis(1-methylethy...	166	C6H14O3S	004773-13-1	37	
3	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	12	
4	2-Pentanone, 5-(1,2-propadienylo...	140	C8H12O2	055702-69-7	12	



Data File : C:\MSDCHEM\1\DATA\020507\10067.D

Acq On : 8 May 2002 1:44 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 27

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

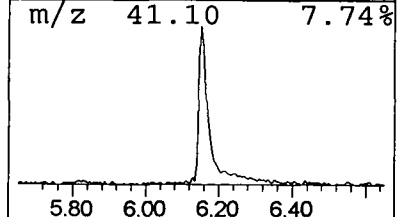
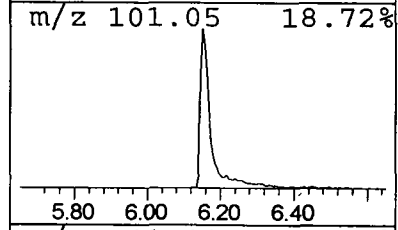
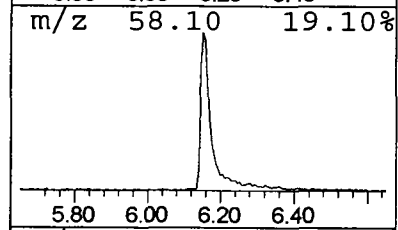
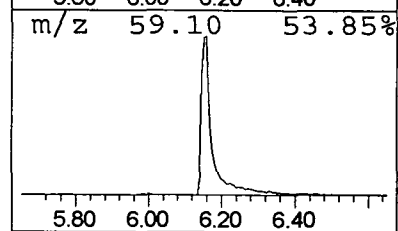
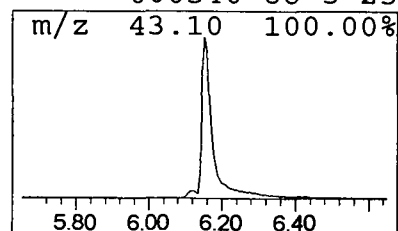
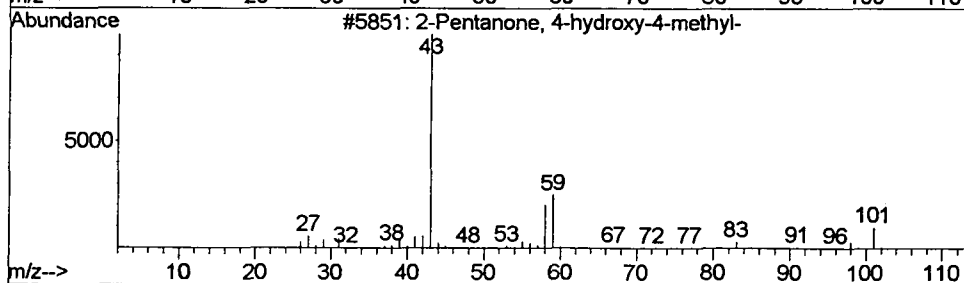
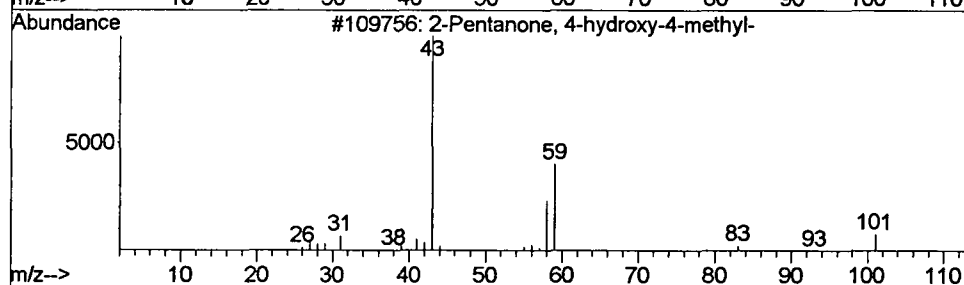
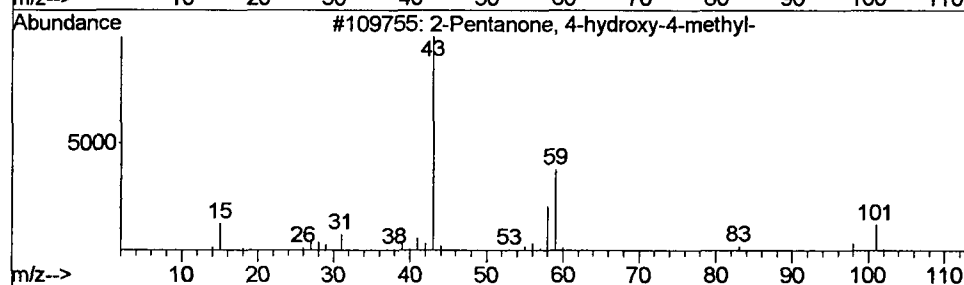
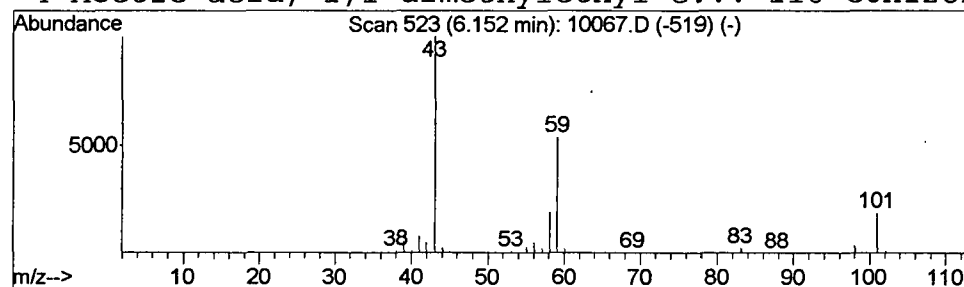
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	14.44 ug/l	1347350	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	45
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	25



Data File : C:\MSDCHEM\1\DATA\020507\10067.D

Acq On : 8 May 2002 1:44 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 27

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

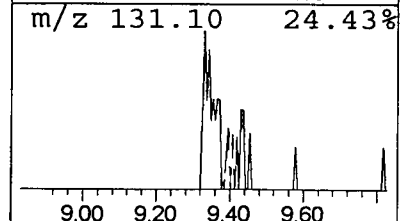
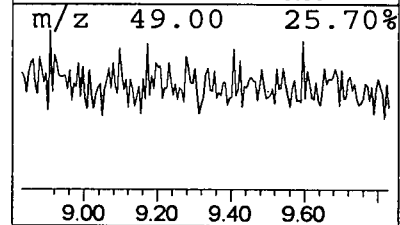
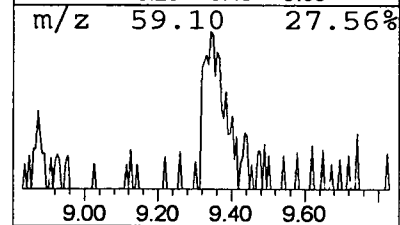
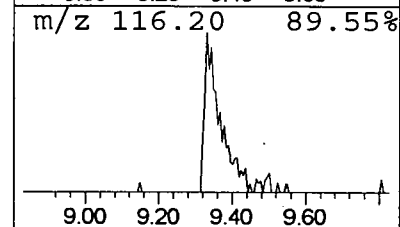
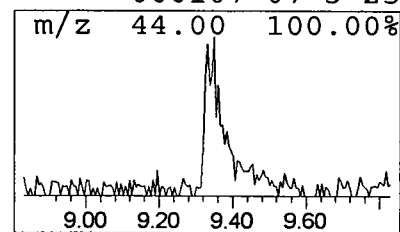
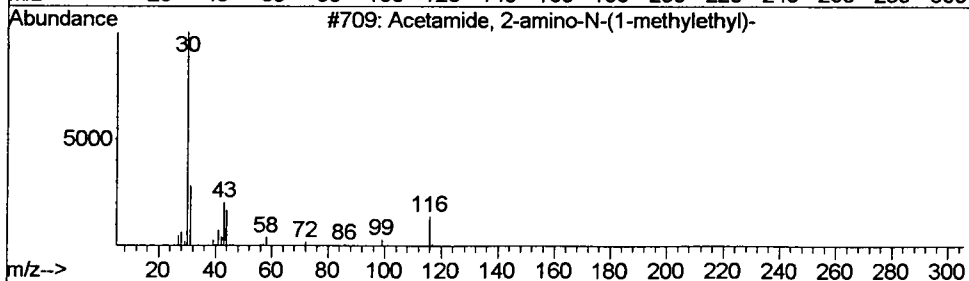
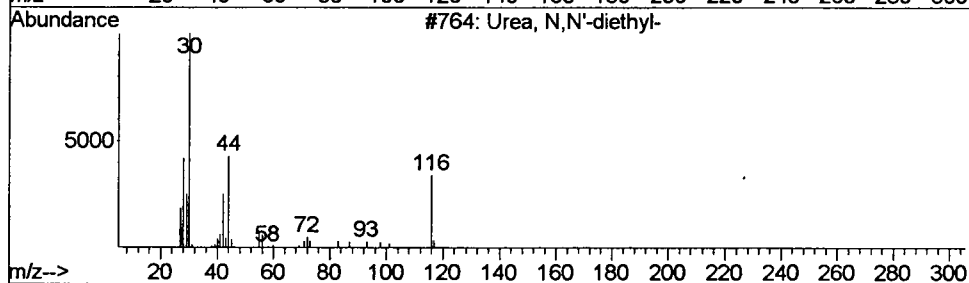
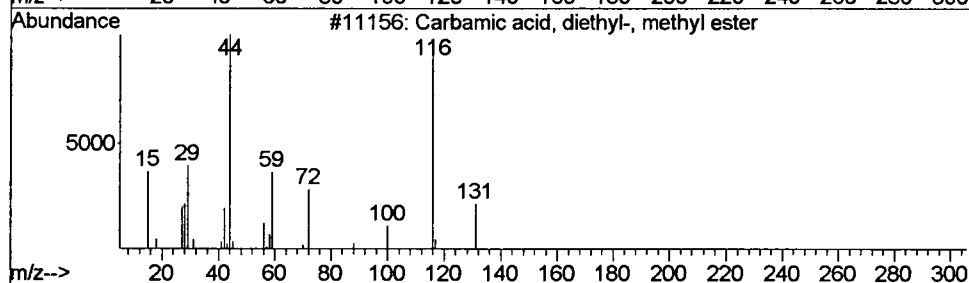
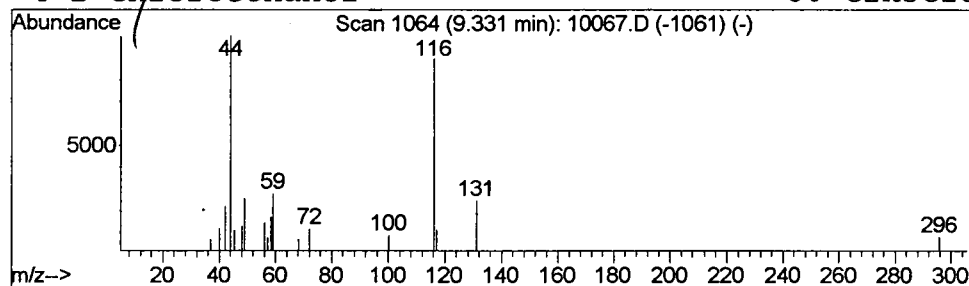
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

Peak Number 3 Carbamic acid, diethyl-, me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	0.42 ug/l	39230	1,4-Dichlorobenzene-d4	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbamic acid, diethyl-, methyl ...	131	C6H13NO2	004652-44-2	47
2		Urea, N,N'-diethyl-	116	C5H12N2O	000623-76-7	38
3		Acetamide, 2-amino-N-(1-methylet...	116	C5H12N2O	067863-05-2	25
4		2-Chloroethanol	80	C2H5ClO	000107-07-3	25



Data File : C:\MSDCHEM\1\DATA\020507\10067.D

Acq On : 8 May 2002 1:44 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 27

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

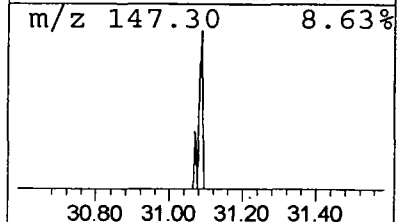
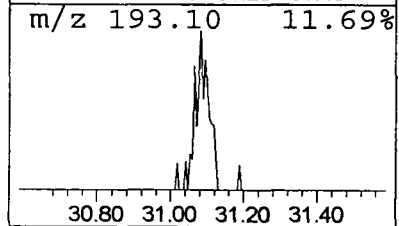
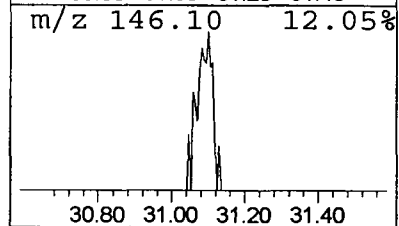
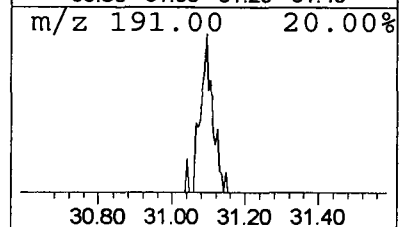
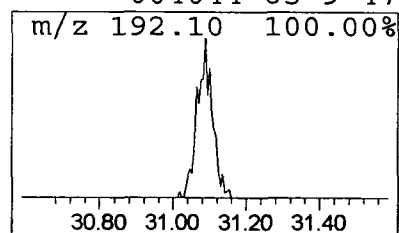
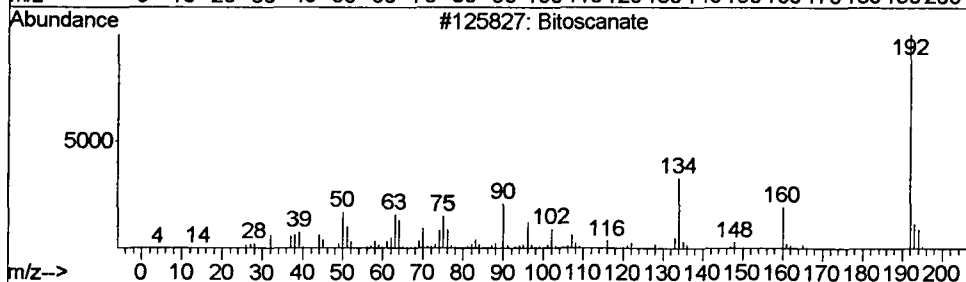
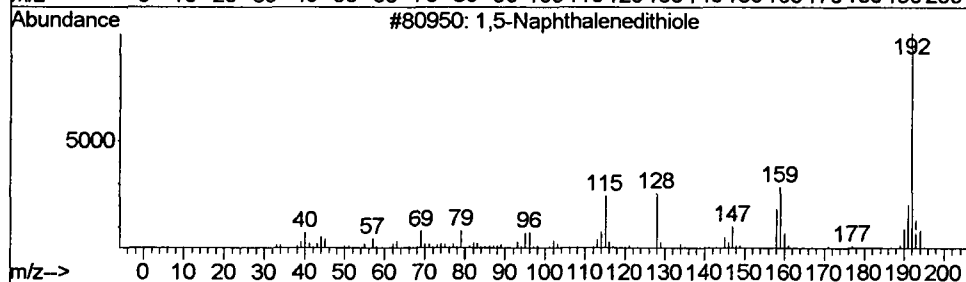
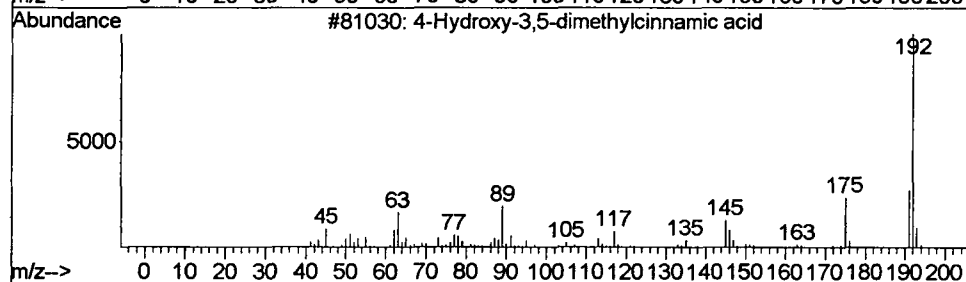
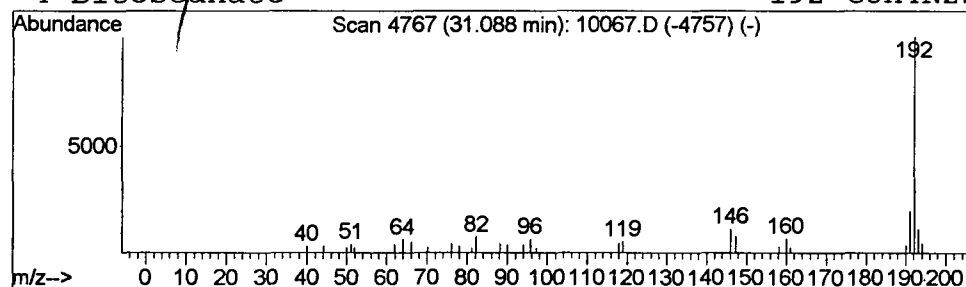
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\mist98.1

Peak Number 4 4-Hydroxy-3,5-dimethylcinna... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.32 ug/l	41503	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	64
2			1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	50
3			Bitoscanate	192	C8H4N2S2	004044-65-9	47
4			Bitoscanate	192	C8H4N2S2	004044-65-9	47



Data File : C:\MSDCHEM\1\DATA\020507\10067.D

Acq On : 8 May 2002 1:44 pm

Sample : sample

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MS Integration Params: rteint.e

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

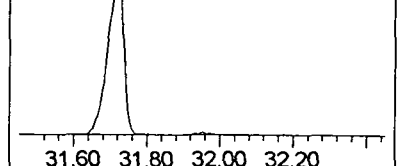
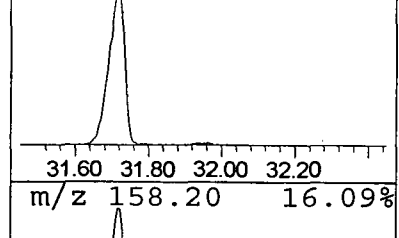
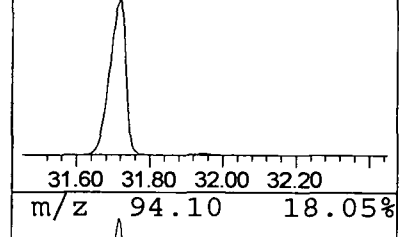
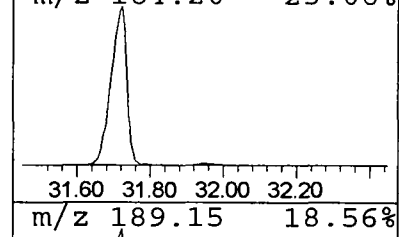
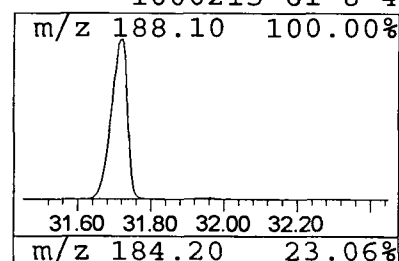
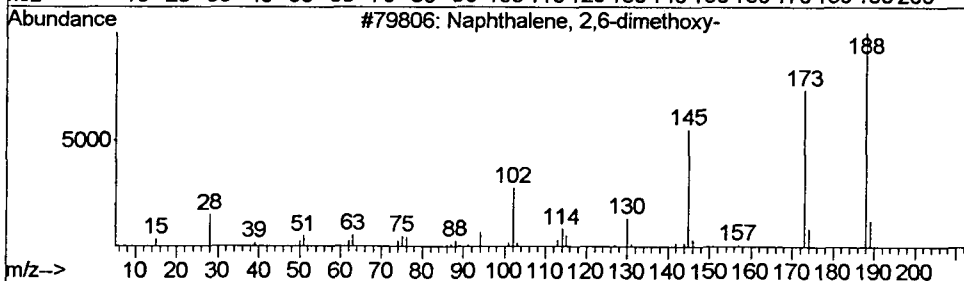
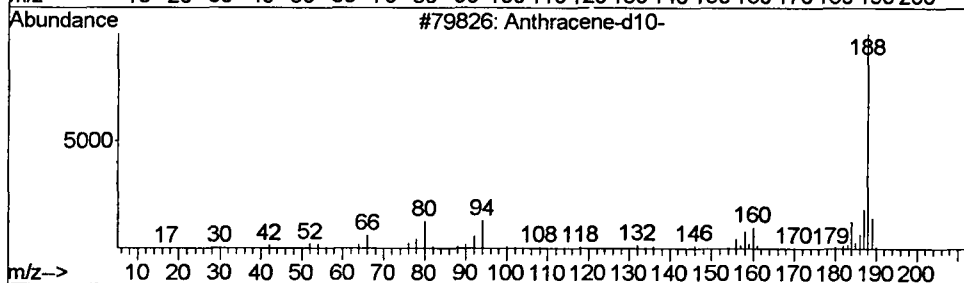
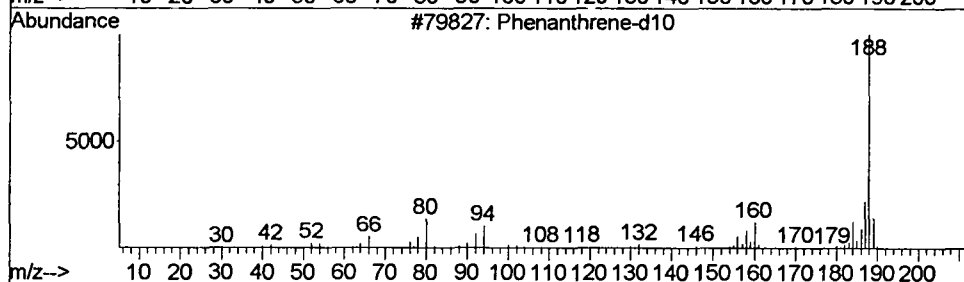
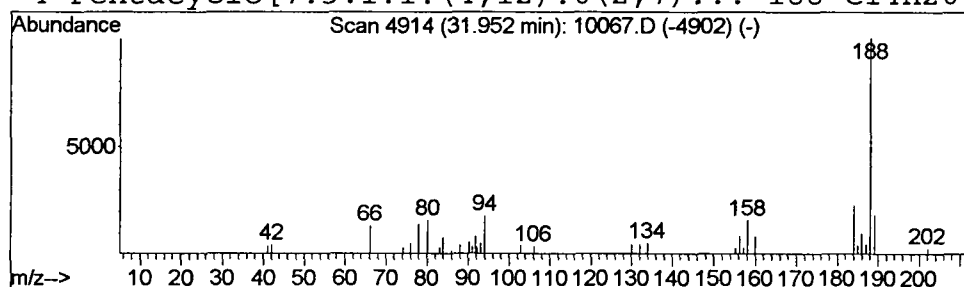
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 5 Phenanthrene-d10 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.37 ug/l	48001	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene-d10	188	C14D10	001517-22-2	87
2		Anthracene-d10-	188	C14D10	001719-06-8	72
3		Naphthalene, 2,6-dimethoxy-	188	C12H12O2	005486-55-5	43
4		Pentacyclo[7.3.1.1.(4,12).0(2,7)...]	188	C14H20	1000215-61-8	40



Operator ID: Nefliu Date Acquired: 8 May 2002 1:44 pm
Data File: C:\MSDCHEM\1\DATA\020507\10067.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-Propanone, 1,1,...	6.12	0.4	ug/l	39978	1	11.38	3731660	40.0
2-Pentanone, 4-hy...	6.15	14.4	ug/l	1347350	1	11.38	3731660	40.0
Carbamic acid, di...	9.33	0.4	ug/l	39230	1	11.38	3731660	40.0
4-Hydroxy-3,5-dim...	31.09	0.3	ug/l	41503	4	31.72	5218580	40.0
Phenanthrene-d10	31.95	0.4	ug/l	48001	4	31.72	5218580	40.0