

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/14/2002 Time: 14:38:08

Sample: AE10066
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/14/02 14:37 Ended: 5/14/02 14:37 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Quantity	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		76		10.0

Comments for Sample AE10066 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-14-2002 Time: 14:38:13

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

Data File : C:\MSDCHEM\1\DATA\020507\10066.D Vial: 26
 Acq On : 8 May 2002 12:45 pm Operator: Nefliu
 Sample : sample Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: lscint.e
 Quant Time: May 09 09:55:12 2002 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	11.37	152	415061	40.00	ug/l	-0.02
10) Naphthalene-d8	16.53	136	1586509	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.45	164	846488	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.71	188	1430588	40.00	ug/l	-0.03
38) Chrysene-d12	39.93	240	1120433	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	740896	40.00	ug/l	-0.03

System Monitoring Compounds
 27) TCMX 27.54 207 51384 7.60 ug/l -0.04
 Spiked Amount 10.000 Recovery = 76.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
35) Di-n-butylphthalate	34.80	149	11039	0.24	ug/l	90
43) Bis(2-ethylhexyl)phthalate	40.52	149	30431	1.27	ug/l	95

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 10066.D SCAN020507.M Thu May 09 09:56:31 2002 Page 1

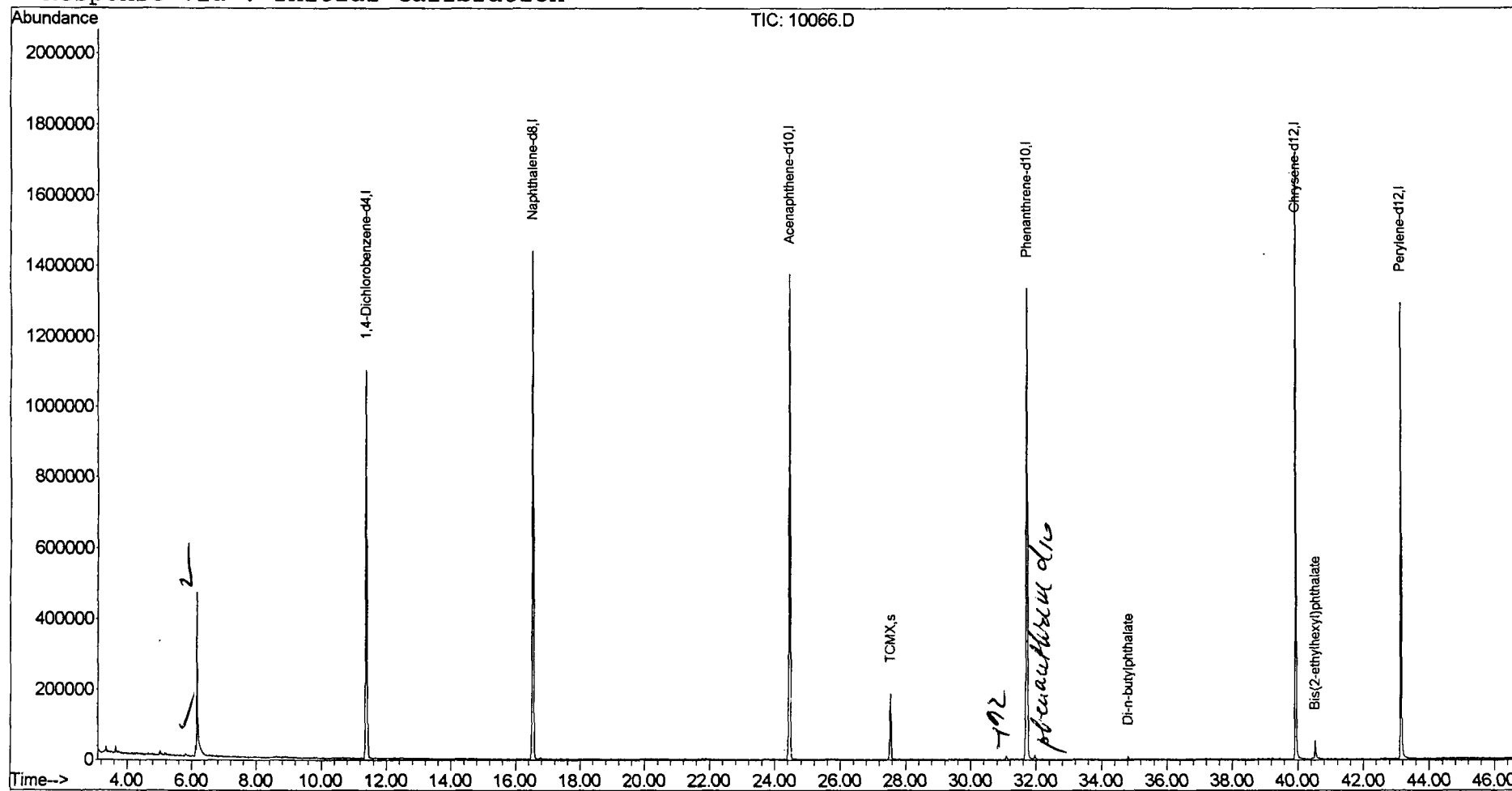
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020507\10066.D
 Acq On : 8 May 2002 12:45 pm
 Sample : sample
 Misc :
 MS Integration Params: lscint.e
 Quant Time: May 9 9:56 2002

Vial: 26
 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\10066.D

Acq On : 8 May 2002 12:45 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 26

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: 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	519	523	560	rVB	459242	927059	23.03%	4.250%
2	11.370	1400	1411	1430	rBV	1100073	2905280	72.17%	13.319%
3	16.534	2276	2290	2303	rBV	1440366	3658990	90.90%	16.775%
4	24.454	3622	3638	3652	rBV	1374673	3761394	93.44%	17.244%
5	27.533	4149	4162	4174	rBV3	186278	516623	12.83%	2.368%
6	31.711	4857	4873	4903	rBV3	1333993	4025396	100.00%	18.454%
7	39.931	6261	6272	6292	rBV2	1721599	3424133	85.06%	15.698%
8	43.151	6810	6820	6847	rBV2	1290482	2593847	64.44%	11.891%

Sum of corrected areas: 21812722

Data File : C:\MSDCHEM\1\DATA\020507\10066.D
 Acq On : 8 May 2002 12:45 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

Vial: 26
 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

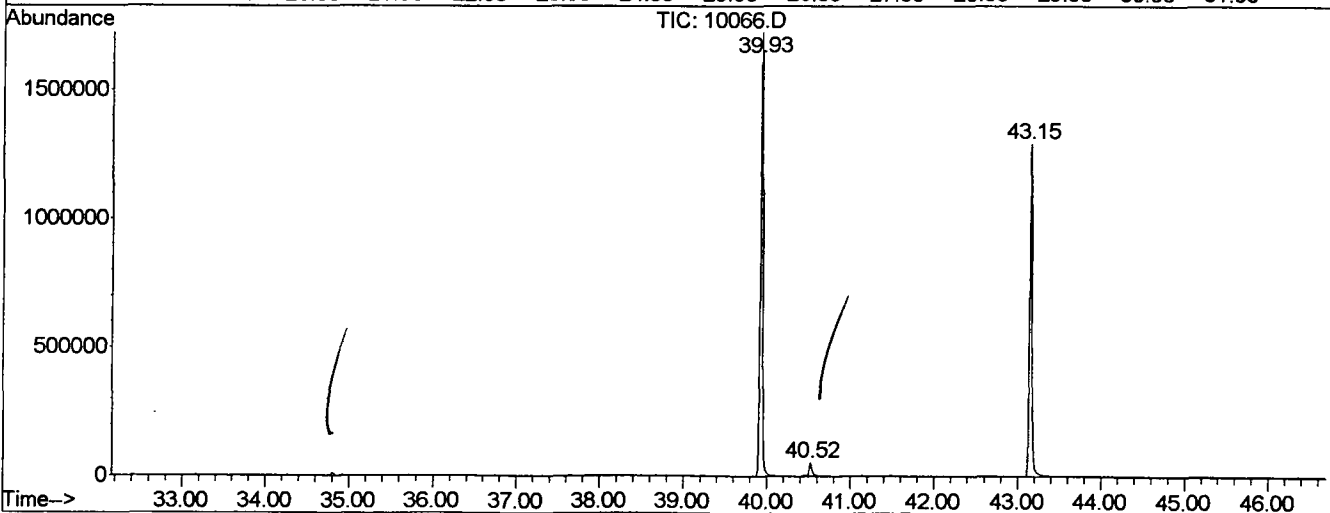
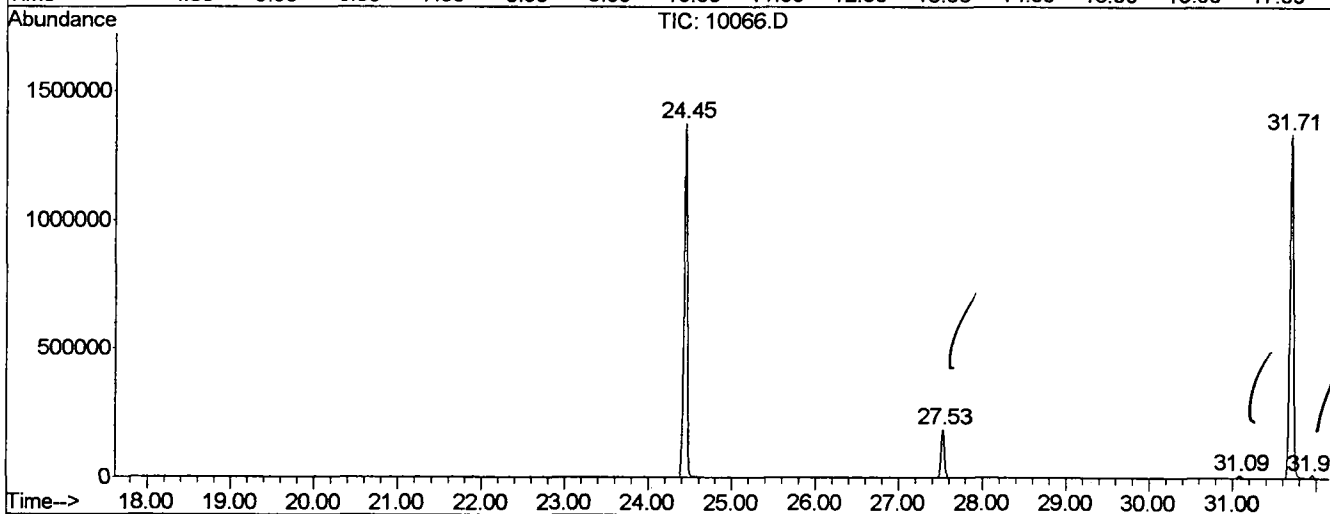
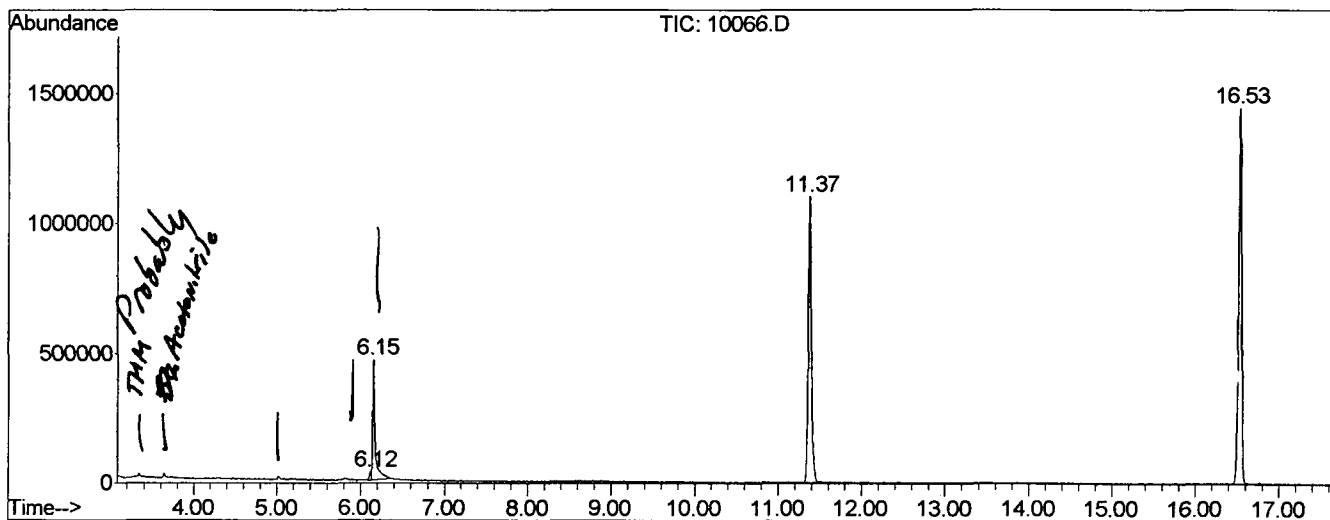
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.117	512	517	519	rBV	31272	44688	1.11%	0.202%
2	6.152	519	523	560	rVB	463596	967877	24.04%	4.381%
3	11.370	1400	1411	1430	rBV	1100073	2905280	72.17%	13.149%
4	16.534	2276	2290	2303	rBV	1440366	3658990	90.90%	16.561%
5	24.454	3622	3638	3652	rBV	1374673	3761394	93.44%	17.024%
6	27.533	4149	4162	4174	rBV3	186278	516623	12.83%	2.338%
7	31.088	4755	4767	4779	rBV5	12016	38274	0.95%	0.173%
8	31.711	4857	4873	4903	rBV3	1333993	4025396	100.00%	18.219%
9	31.963	4908	4916	4925	rVB4	11732	33118	0.82%	0.150%
10	39.931	6261	6272	6292	rBV2	1721599	3424133	85.06%	15.498%
11	40.518	6365	6372	6389	rVB2	50851	124720	3.10%	0.564%
12	43.151	6810	6820	6847	rBV2	1290482	2593847	64.44%	11.740%

Sum of corrected areas: 22094340

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020507\10066.D
 Operator : Nefliu
 Acquired : 8 May 2002 12:45 pm using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 26
 Quant File :SCAN020507.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\DATA\020507\10066.D

Acq On : 8 May 2002 12:45 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 26

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

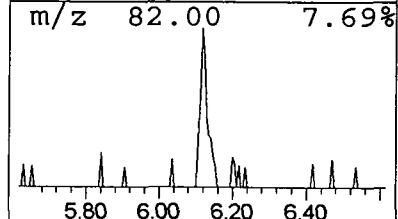
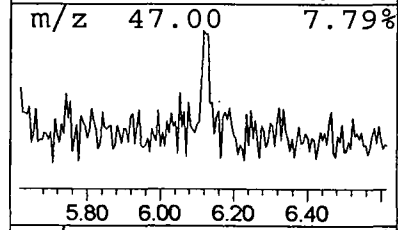
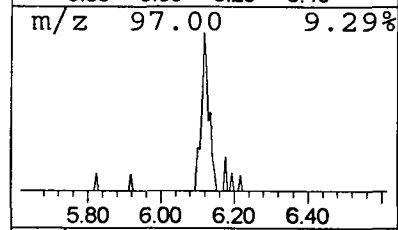
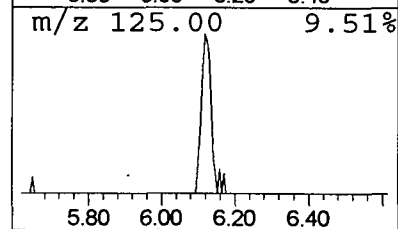
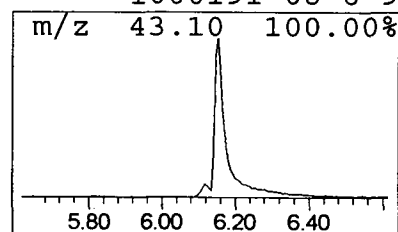
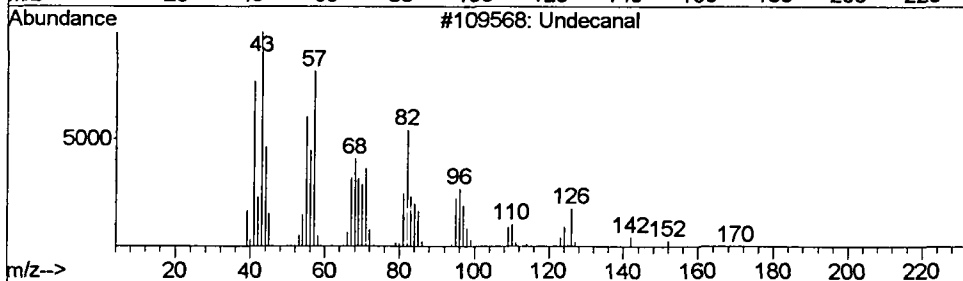
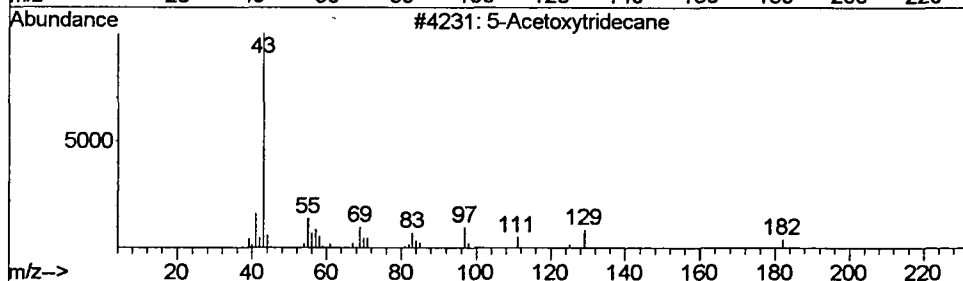
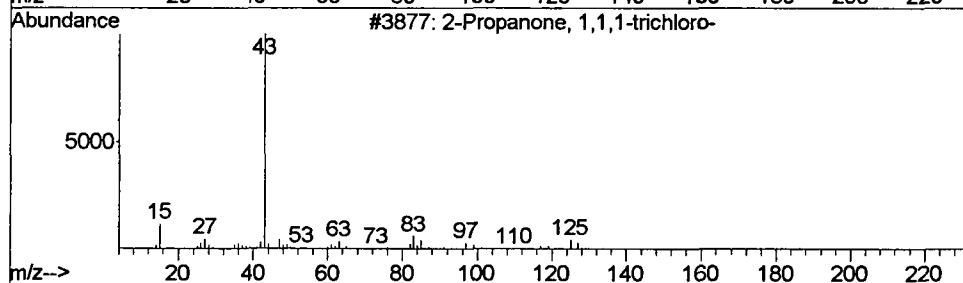
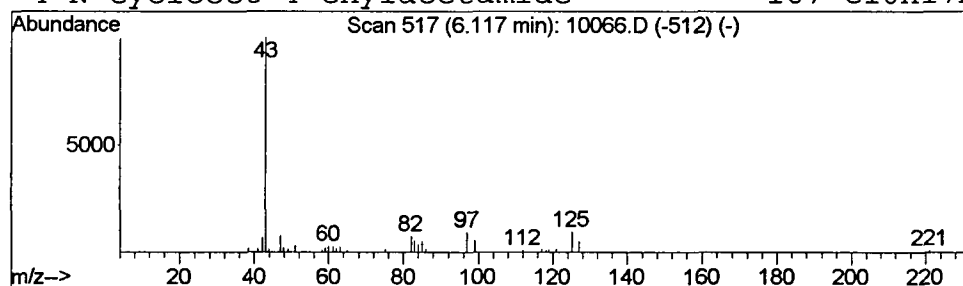
Title : Method 508 GC/MS Scan

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	0.62 ug/l	44688	1,4-Dichlorobenzene-d4	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	64
2			5-Acetoxytridecane	242	C15H30O2	1000245-61-5	38
3			Undecanal	170	C11H22O	000112-44-7	16
4			N-Cyclooct-4-enylacetamide	167	C10H17NO	1000191-08-6	9



Data File : C:\MSDCHEM\1\DATA\020507\10066.D
 Acq On : 8 May 2002 12:45 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

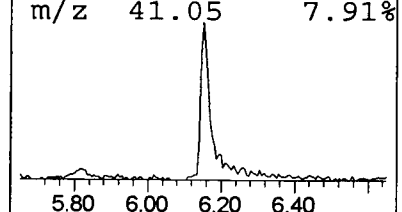
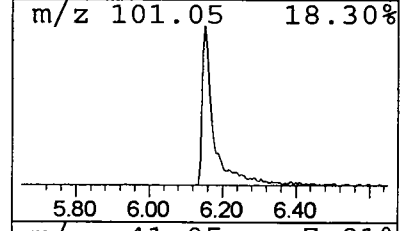
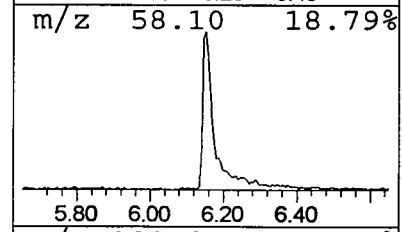
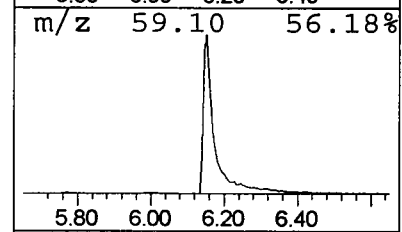
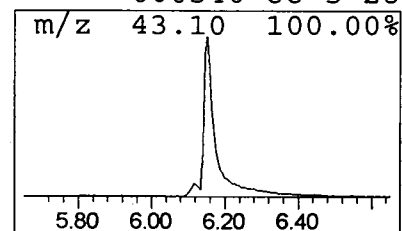
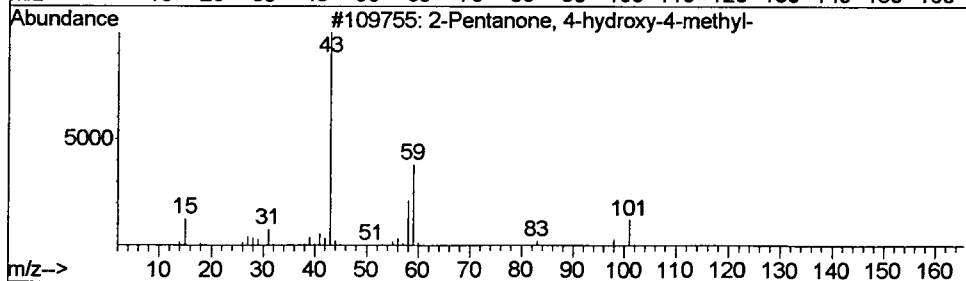
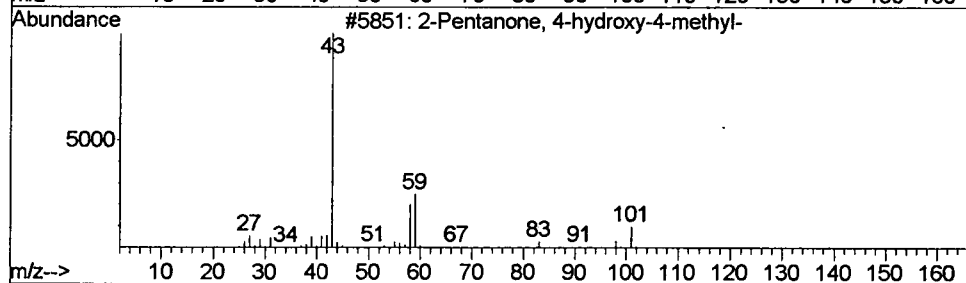
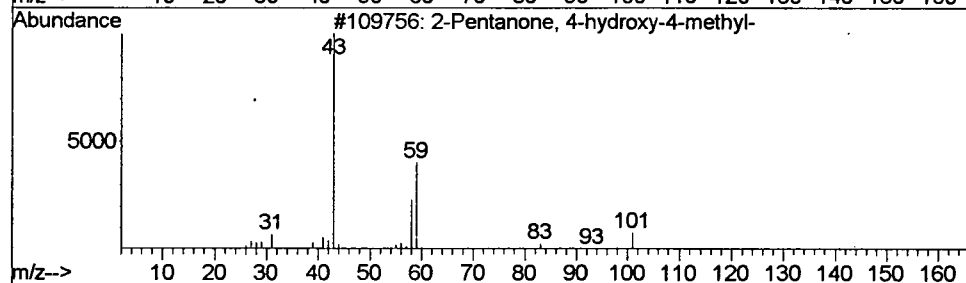
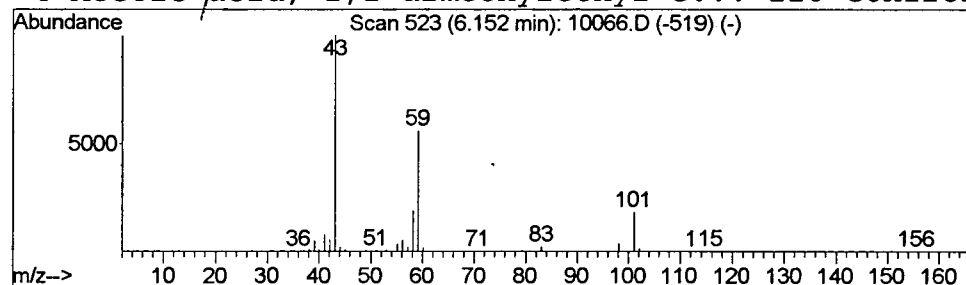
Vial: 26
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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	13.33 ug/l	967877	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	50
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	40
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28



Data File : C:\MSDCHEM\1\DATA\020507\10066.D
 Acq On : 8 May 2002 12:45 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

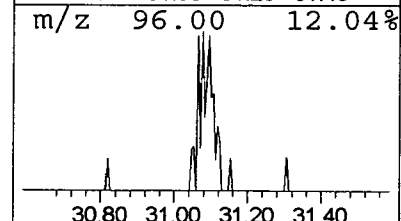
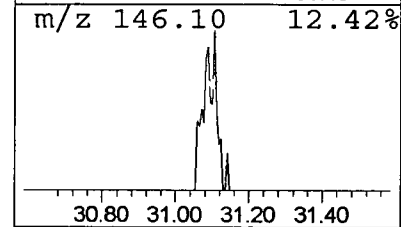
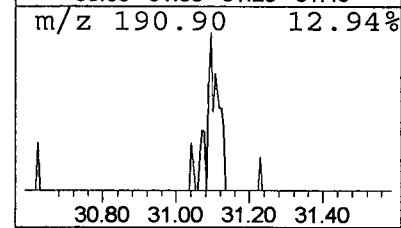
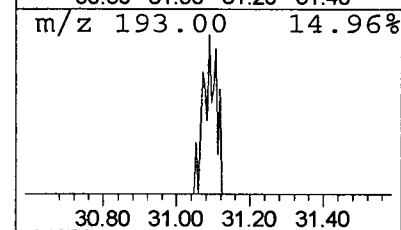
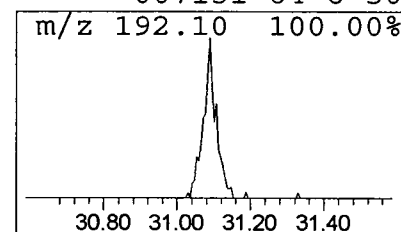
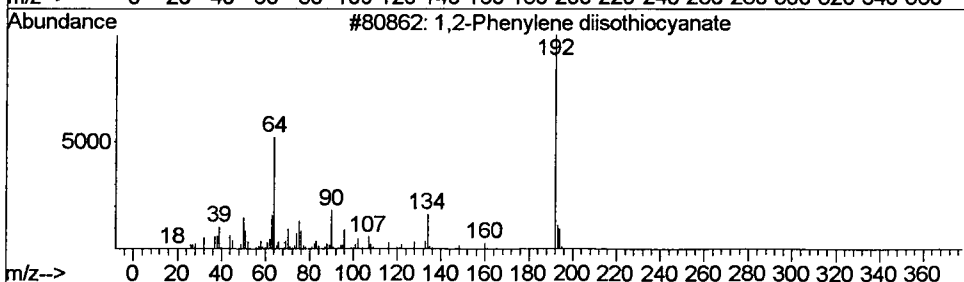
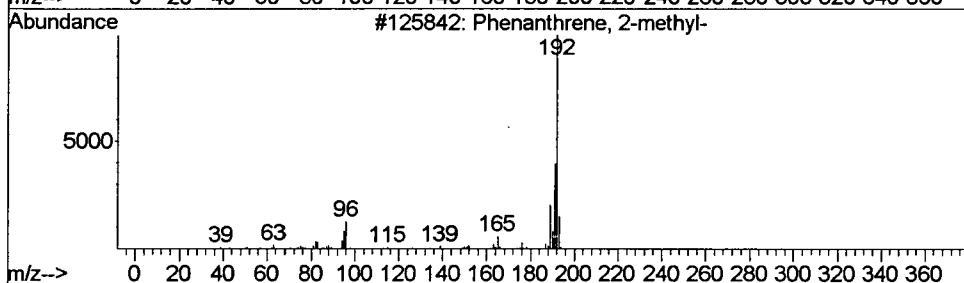
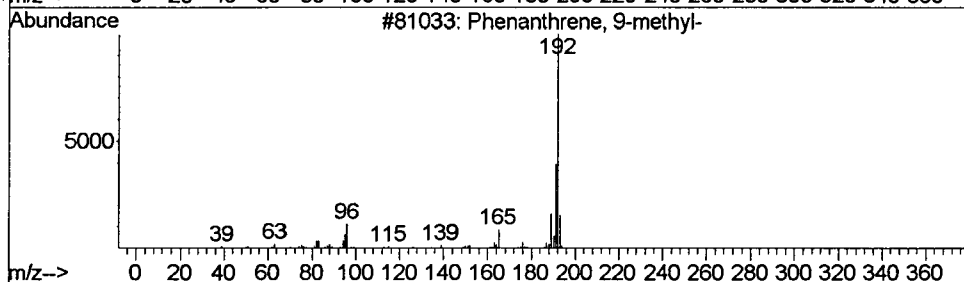
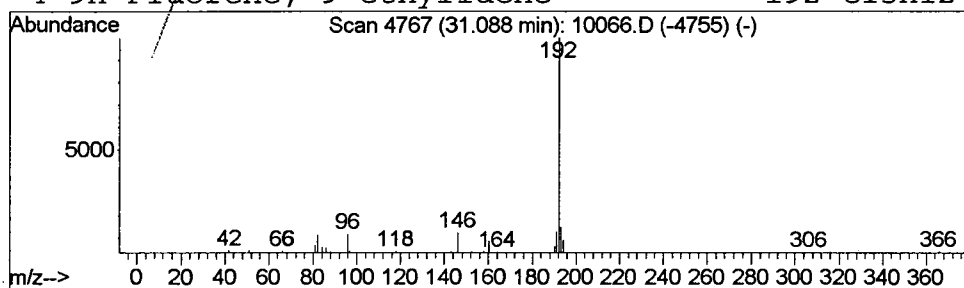
Vial: 26
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 3 Phenanthrene, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.38 ug/l	38274	Phenanthrene-d10	31.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	53
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	53
3			1,2-Phenylene diisothiocyanate	192	C8H4N2S2	071105-17-4	53
4			9H-Fluorene, 9-ethylidene-	192	C15H12	007151-64-6	50



Data File : C:\MSDCHEM\1\DATA\020507\10066.D

Acq On : 8 May 2002 12:45 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 26

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

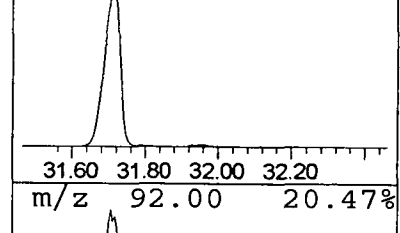
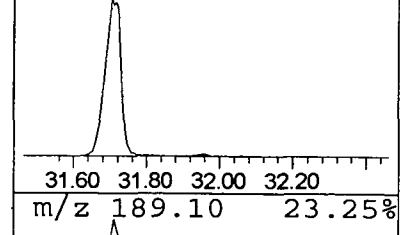
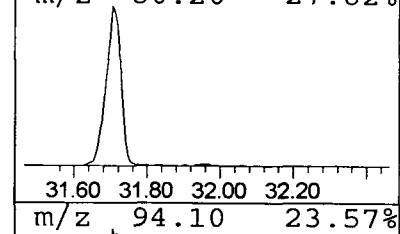
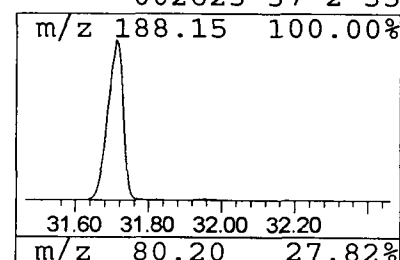
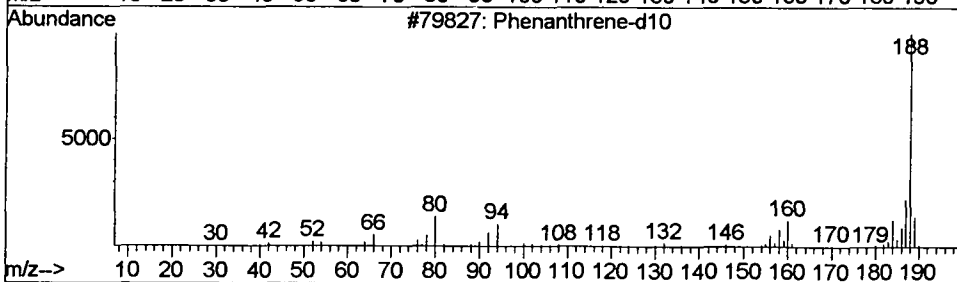
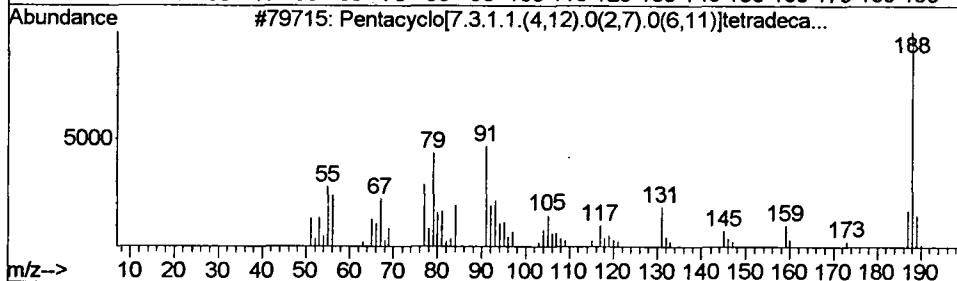
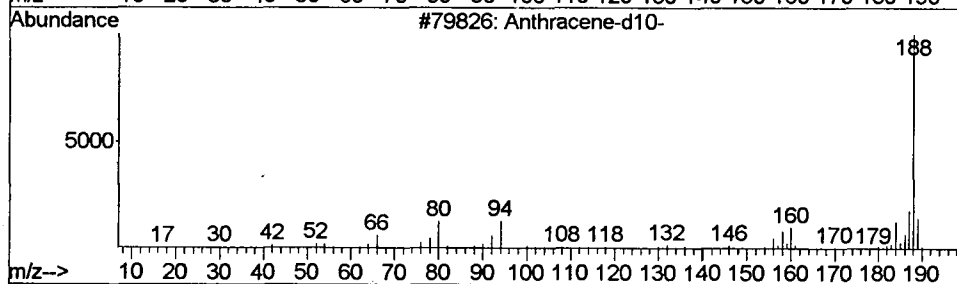
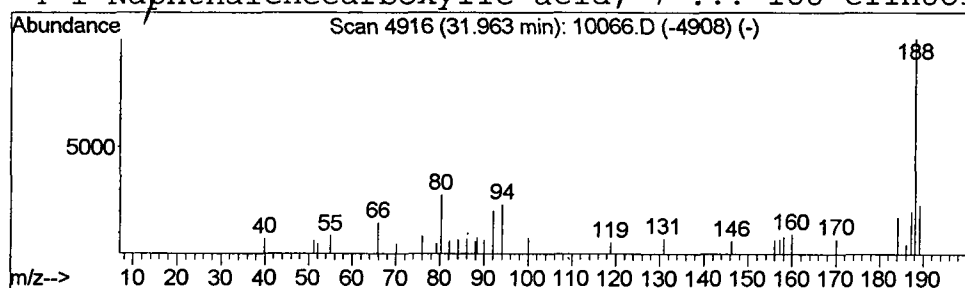
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\mist98.1

Peak Number 4 Anthracene-d10- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.33 ug/l	33118	Phenanthrene-d10	31.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene-d10-	188	C14D10	001719-06-8	80
2			Pentacyclo[7.3.1.1.(4,12).0(2,7)...]	188	C14H20	1000215-61-8	42
3			Phenanthrene-d10	188	C14D10	001517-22-2	39
4			1-Naphthalenecarboxylic acid, 7-...	188	C11H8O3	002623-37-2	35



Operator ID: Nefliu Date Acquired: 8 May 2002 12:45 pm
 Data File: C:\MSDCHEM\1\DATA\020507\10066.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	0.6	ug/l	44688	1	11.37	2905280	40.0
2-Pentanone, 4-hy...	6.15	13.3	ug/l	967877	1	11.37	2905280	40.0
Phenanthrene, 9-m...	31.09	0.4	ug/l	38274	4	31.71	4025400	40.0
Anthracene-d10-	31.96	0.3	ug/l	33118	4	31.71	4025400	40.0
<i>Phenanthrene-d10</i>								