

Jser: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/22/2002 Time: 10:51:46

Sample: AE10987
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/22/02 10:51 Ended: 5/22/02 10:51 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		89		10.0

omments for Sample AE10987 - Analysis \$GCMS

Westchester Dept. of Labs & Research

Analyst: Vinci, David L

Date: 05-22-2002 Time: 10:53:09

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

The level for Bis(2-ethylhexyl)phthalate of 5.4 ug/l is probably due to laboratory contamination, which was also observed in the Laboratory Blank and CS Standard.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020515\10987.D

Vial: 17

Acq On : 16 May 2002 3:36 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

Quant Time: May 16 08:39:50 2002

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	453980	40.00	ug/l	-0.02
10) Naphthalene-d8	16.53	136	1719996	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.45	164	926710	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1571637	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1268519	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	757299	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.55	207	262356	35.44	ug/l	-0.02
Spiked Amount	40.000		Recovery	=	88.60%	

Target Compounds

43) Bis(2-ethylhexyl)phthalate	40.52	149	148340	5.46	ug/l	Qvalue 95
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(#) = qualifier out of range (m) = manual integration (+) = signals summed
10987.D SCAN020507.M Thu May 16 09:24:35 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020515\10987.D

Vial: 17

Acq On : 16 May 2002 3:36 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

Quant Time: May 16 9:24 2002

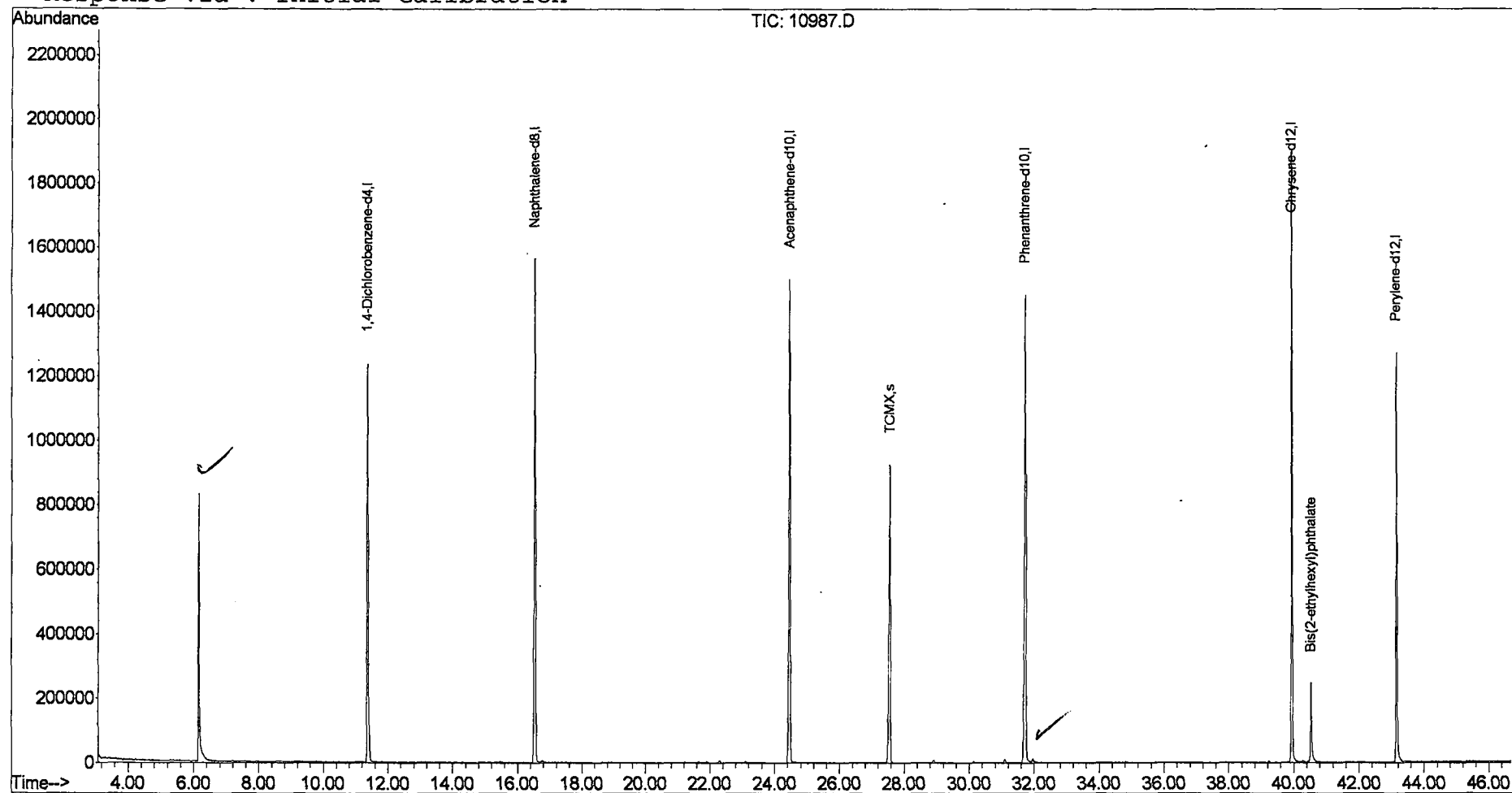
Quant Results File: SCAN020507.RES

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



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020515\10987.D

Vial: 17

Acq On : 16 May 2002 3:36 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

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

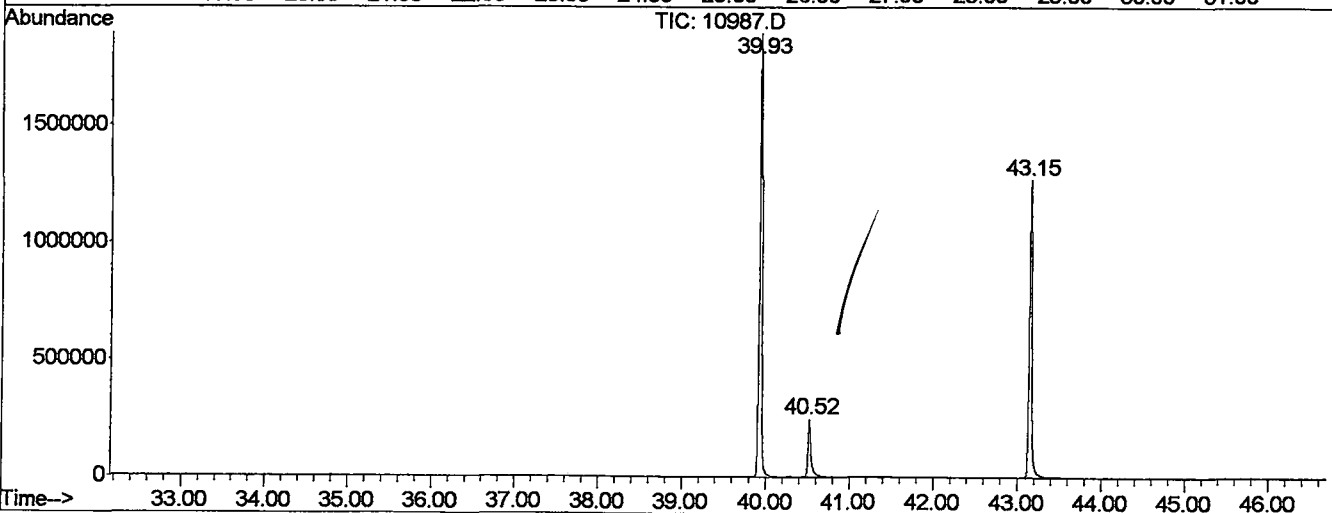
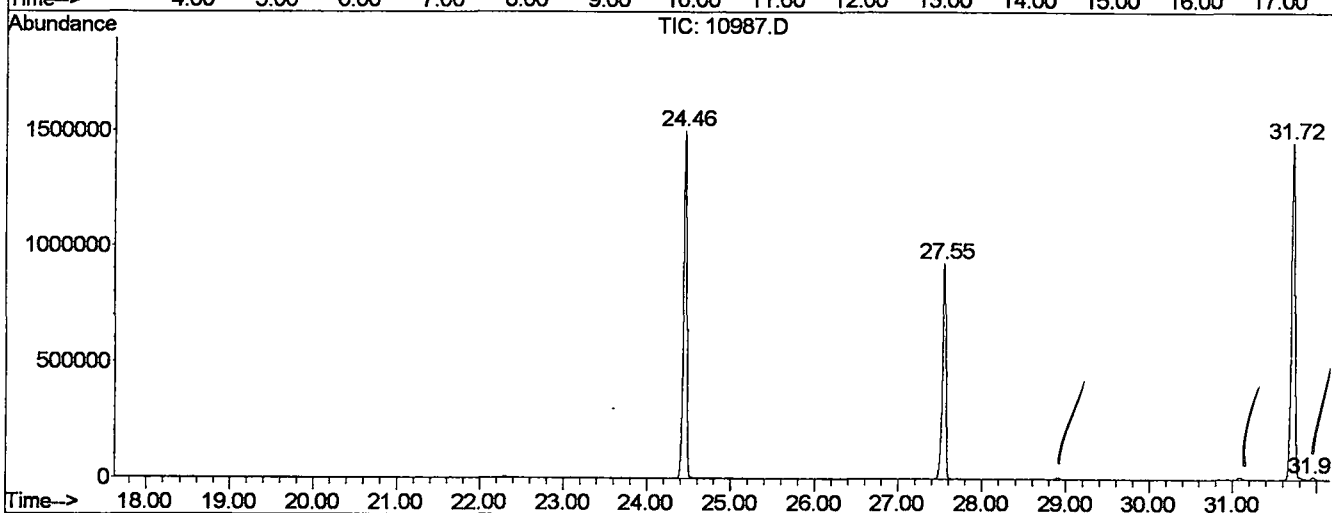
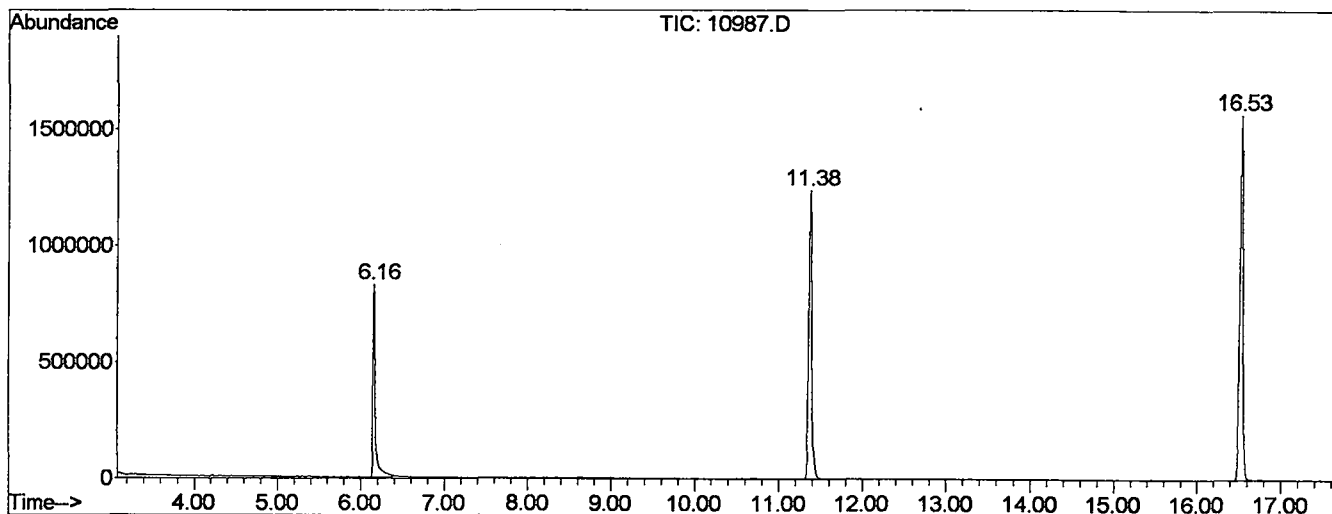
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.158	516	524	560	rBV	828320	1668946	37.61%	6.132%
2	11.375	1401	1412	1434	rBV	1236990	3153460	71.07%	11.586%
3	16.534	2275	2290	2307	rBV	1566321	3977174	89.63%	14.613%
4	24.460	3618	3639	3655	rBV	1501346	4145153	93.41%	15.230%
5	27.551	4142	4165	4179	rBV2	927652	2704784	60.95%	9.938%
6	31.717	4855	4874	4904	rBV2	1452771	4437369	100.00%	16.304%
7	31.958	4907	4915	4923	rVB3	10866	31584	0.71%	0.116%
8	39.931	6259	6272	6295	rBV2	1897100	3842601	86.60%	14.118%
9	40.518	6363	6372	6403	rVB2	243773	589904	13.29%	2.167%
10	43.151	6808	6820	6853	rBV	1271956	2665847	60.08%	9.795%

Sum of corrected areas: 27216822

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020515\10987.D
 Operator : Nefliu
 Acquired : 16 May 2002 3:36 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 17
 Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\10987.D

Acq On : 16 May 2002 3:36 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 17

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

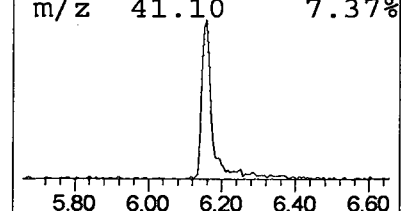
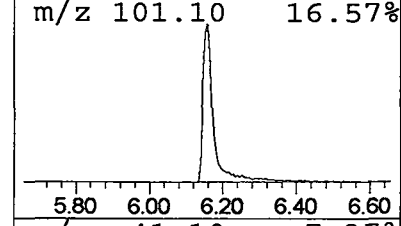
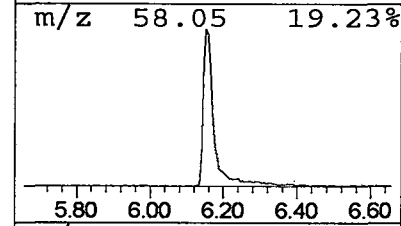
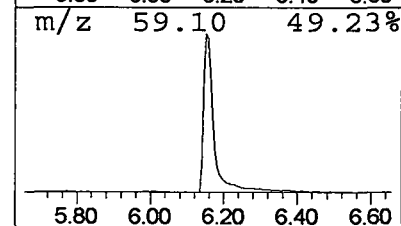
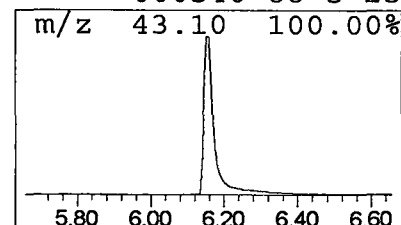
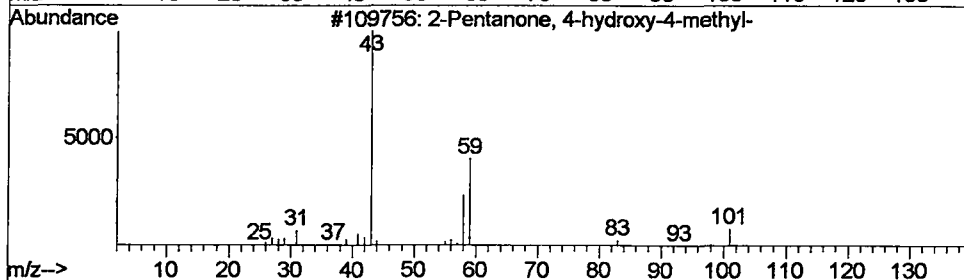
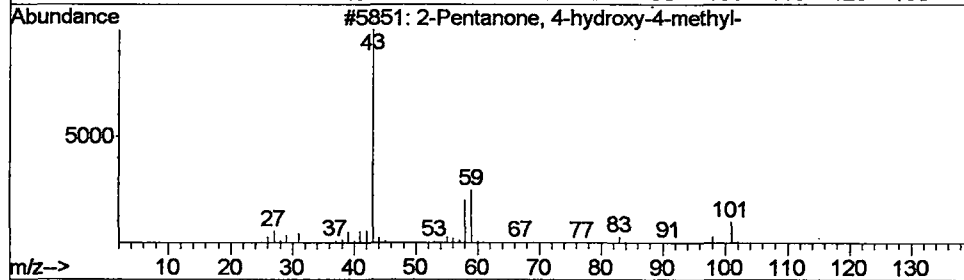
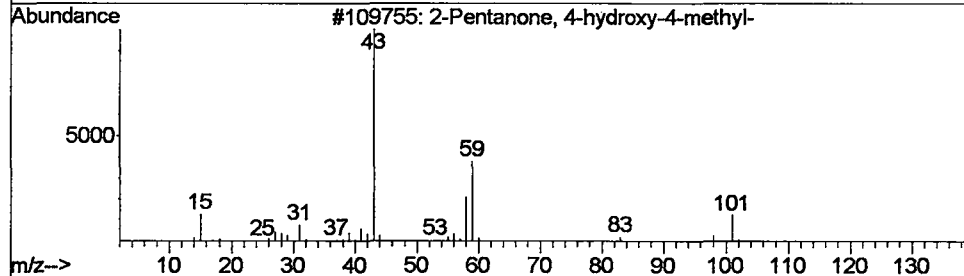
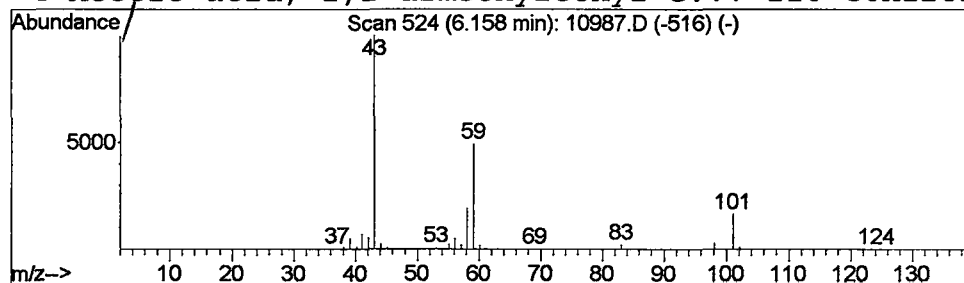
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	21.17 ug/l	1668950	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	83
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
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	25



Library Search Compound Report

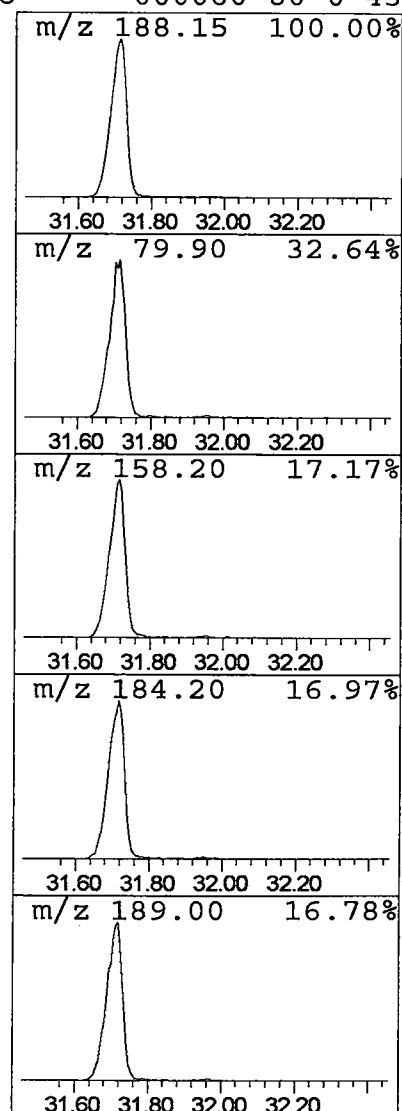
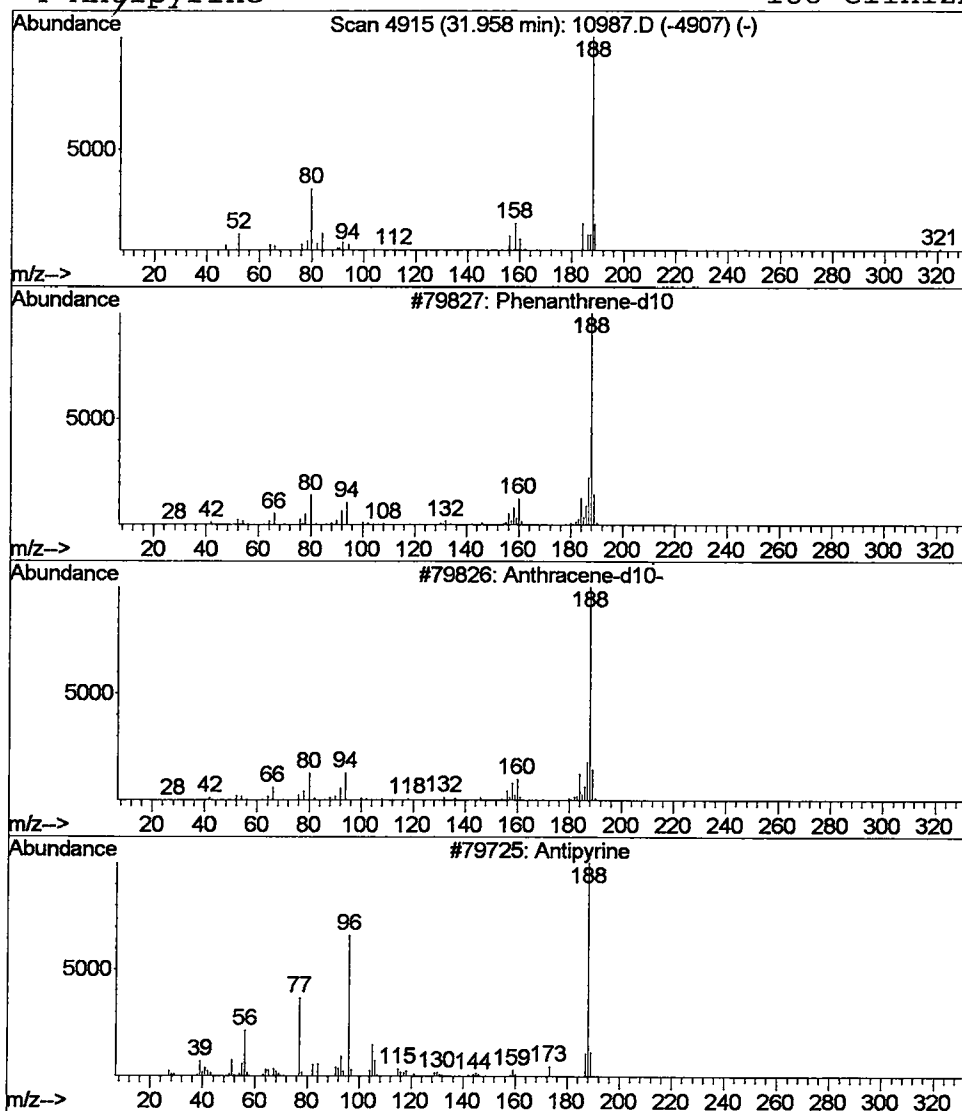
Data File : C:\MSDCHEM\1\DATA\020515\10987.D
 Acq On : 16 May 2002 3:36 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

Vial: 17
 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 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
31.96	0.28 ug/l	31584	Phenanthrene-d10	31.72	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	81
2	Anthracene-d10-	188	C14D10	001719-06-8	74
3	Antipyrine	188	C11H12N2O	000060-80-0	47
4	Antipyrine	188	C11H12N2O	000060-80-0	43



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 16 May 2002 3:36 am
Data File: C:\MSDCHEM\1\DATA\020515\10987.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	#	RT	Resp	Conc
2-Pentanone, 4-hy...	6.16	21.2	ug/l	1668950	1	11.37	3153460	40.0
Phenanthrene d10	31.96	0.3	ug/l	31584	4	31.72	4437370	40.0

Anthracene - d10