

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/07/2002 Time: 10:26:05

Sample: AE08488
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/7/02 10:25 Ended: 5/7/02 10:25 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		72		10.0

Comments for Sample AE08488 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-07-2002 Time: 10:26:29

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\020419\08488.D
 Acq On : 20 Apr 2002 7:45 am
 Sample : sample
 Misc :
 MS Integration Params: EVENTS.E
 Quant Time: Apr 26 15:25:58 2002

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

Quant Results File: SCAN020418.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
 Title : Method 508 GC/MS Scan
 Last Update : Mon Apr 22 08:00:39 2002
 Response via : Initial Calibration
 DataAcq Meth : 508SCAN1

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.38	152	9945048	40.00	ug/l	-0.05
10) Naphthalene-d8	16.54	136	37997531	40.00	ug/l	-0.07
17) Acenaphthene-d10	24.46	164	20879523	40.00	ug/l	-0.06
30) Phenanthrene-d10	31.72	188	31208056	40.00	ug/l	-0.06
38) Chrysene-d12	39.93	240	23738537	40.00	ug/l	-0.08
44) Perylene-d12	43.15	264	17347549	40.00	ug/l	-0.04
System Monitoring Compounds						
27) TCMX	27.54	207	936456	7.22	ug/l	-0.08
Spiked Amount	10.000		Recovery	=	72.20%	
Target Compounds						Qvalue
35) Di-n-butylphthalate	34.80	149	84559	0.08	ug/l	98
43) Bis(2-ethylhexyl)phthalate	40.53	149	144642	0.24	ug/l	88

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 08488.D SCAN020418.M Fri Apr 26 15:26:38 2002 Page 1

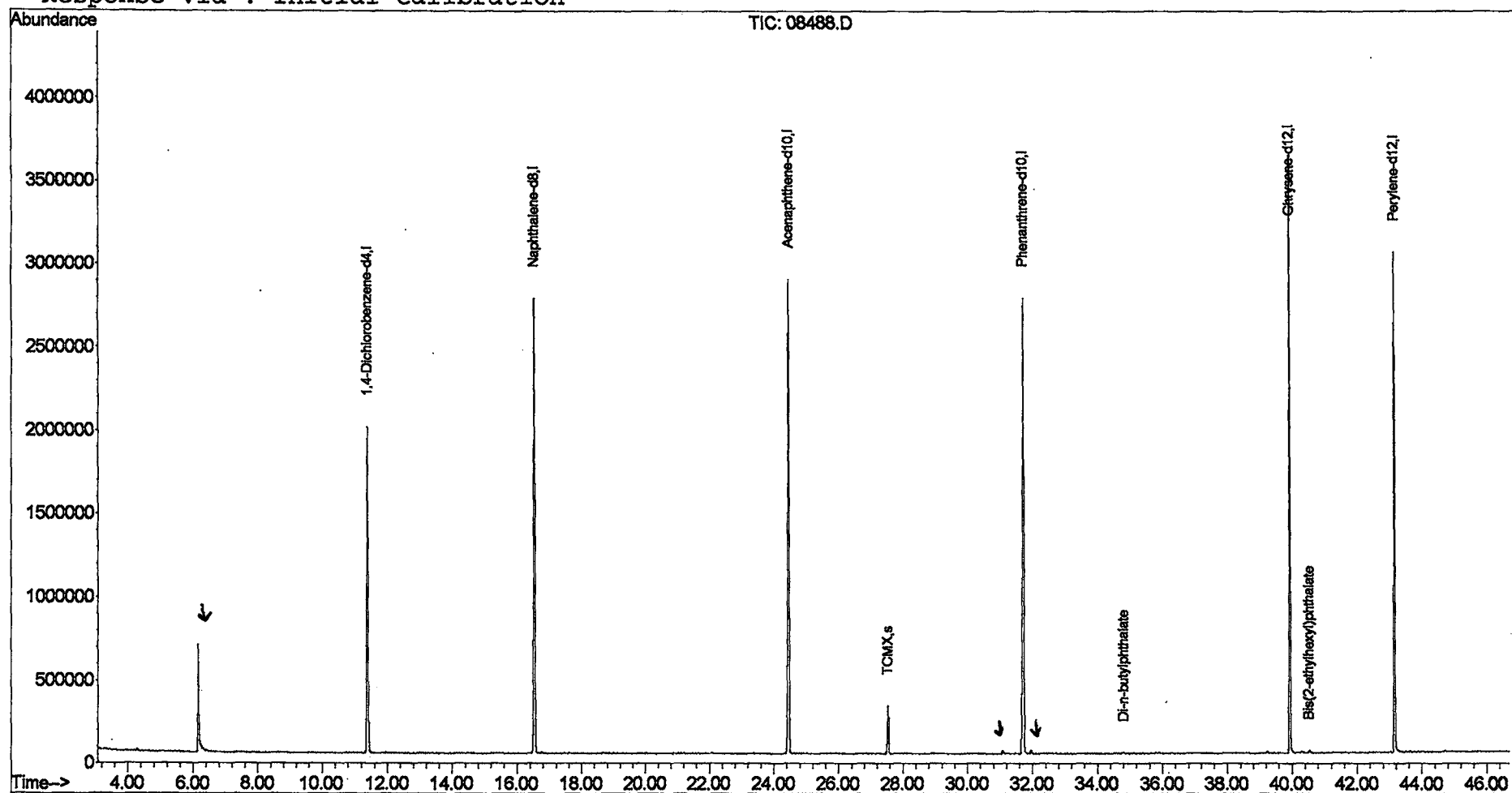
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020419\08488.D
Acq On : 20 Apr 2002 7:45 am
Sample : sample
Misc :
MS Integration Params: EVENTS.E
Quant Time: Apr 26 15:26 2002

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

Quant Results File: SCAN020418.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Mon Apr 22 08:00:39 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020419\08488.D

Acq On : 20 Apr 2002 7:45 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 25

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (RTE Integrator)

Title : Method 508 GC/MS Scan

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 5 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0.01

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

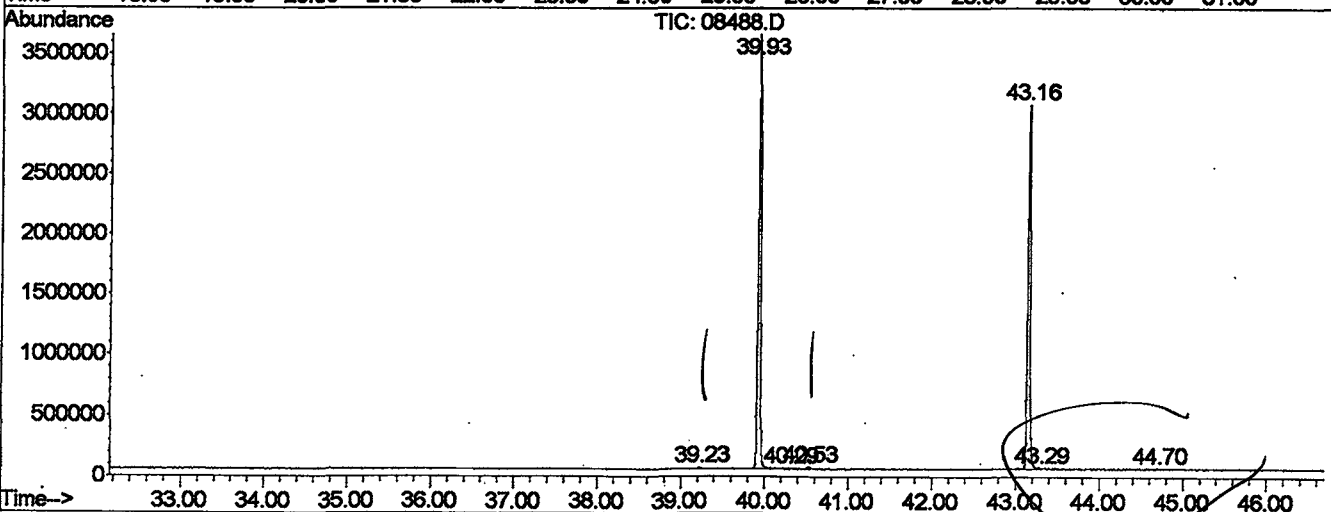
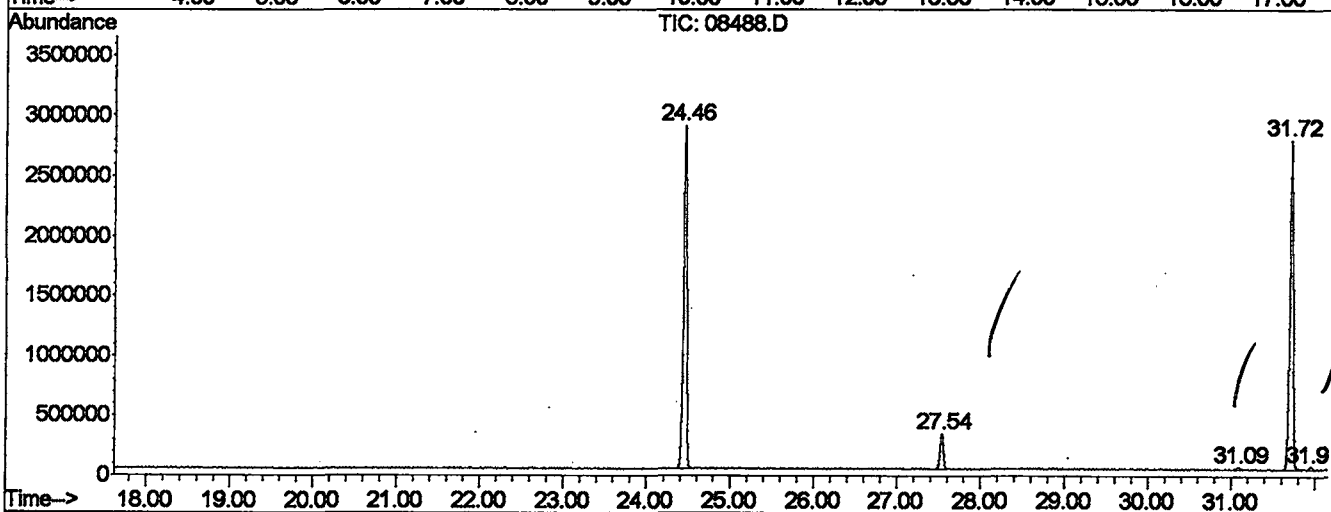
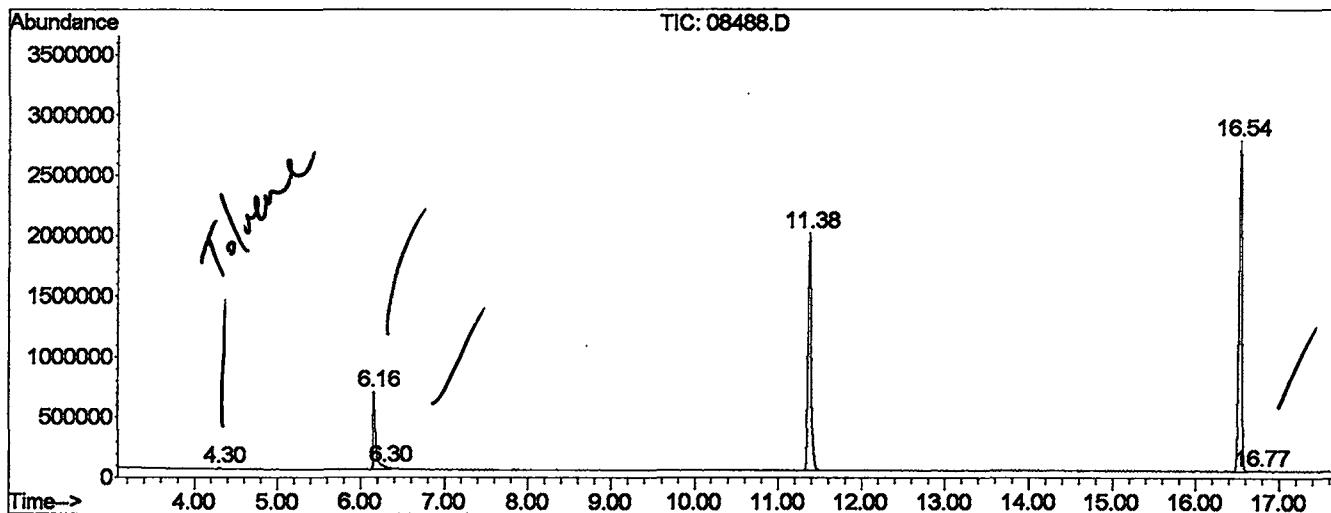
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.295	200	207	216	PV	2 12472	240855	0.31%	0.056%
2	6.164	515	525	547	PV	630109	12873933	16.45%	2.996%
3	6.299	547	548	571	VV	2 20755	659647	0.84%	0.154%
4	11.381	1396	1413	1449	PV	1943645	50072647	63.97%	11.653%
5	16.540	2276	2291	2306	PV	2709090	68921406	88.05%	16.040%
6	16.769	2324	2330	2338	PV	3 6850	168464	0.22%	0.039%
7	24.460	3624	3639	3653	PV	2 2839984	78277369	100.00%	18.217%
8	27.539	4144	4163	4174	PV	3 291155	8037424	10.27%	1.870%
9	31.094	4757	4768	4779	PV	5 18770	552477	0.71%	0.129%
10	31.722	4855	4875	4895	PV	2 2718639	77654368	99.20%	18.072%
11	31.963	4907	4916	4924	VV	2 22408	607713	0.78%	0.141%
12	39.226	6146	6152	6158	PV	2 11107	219296	0.28%	0.051%
13	39.937	6259	6273	6299	VV	2 3559967	69868914	89.26%	16.260%
14	40.289	6326	6333	6337	PV	3 7841	157102	0.20%	0.037%
15	40.530	6367	6374	6386	PV	5 14684	388450	0.50%	0.090%
16	43.156	6809	6821	6842	PV	2 3038945	60711321	77.56%	14.129%
17	43.286	6842	6843	6846	VV	10550	142541	0.18%	0.033%
18	44.696	7077	7083	7090	PV	3 6871	140009	0.18%	0.033%

Sum of corrected areas: 429693936

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020419\08488.D
 Operator : Nefliu
 Acquired : 20 Apr 2002 7:45 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 25
 Quant File :SCAN020418.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08488.D
Acq On : 20 Apr 2002 7:45 am
Sample : sample
Misc :
MS Integration Params: rteint.e

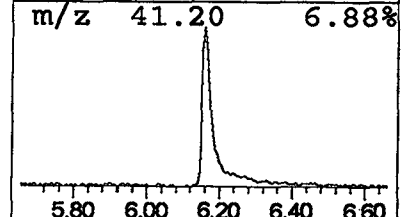
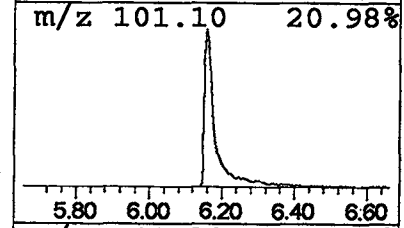
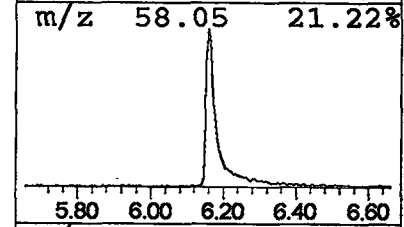
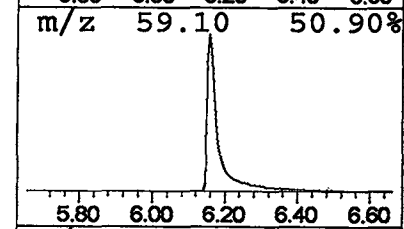
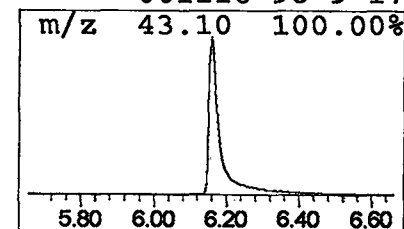
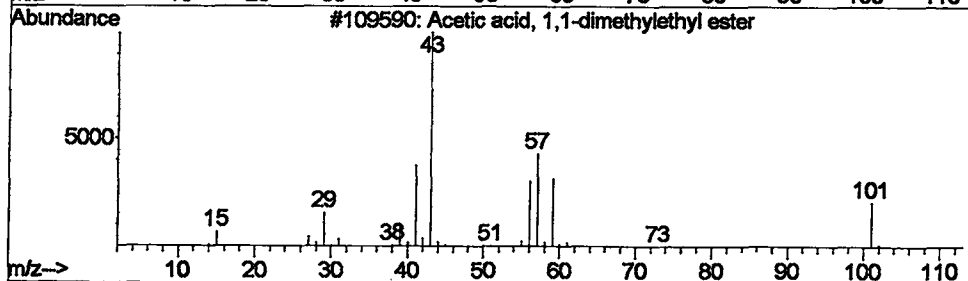
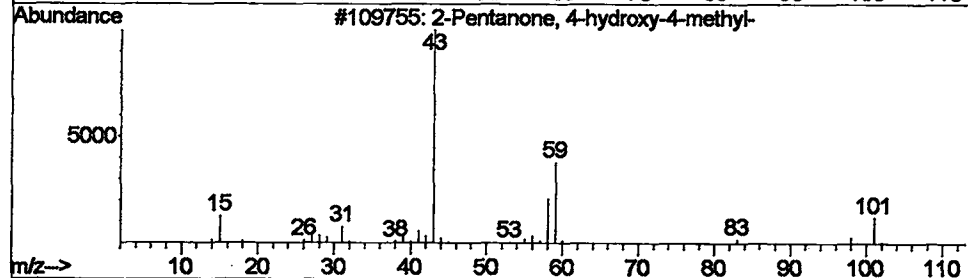
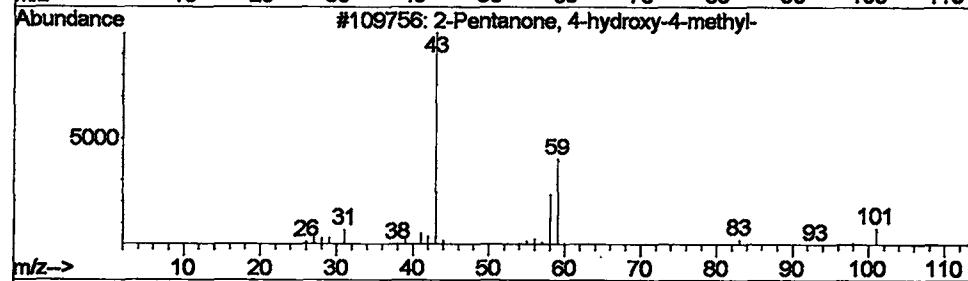
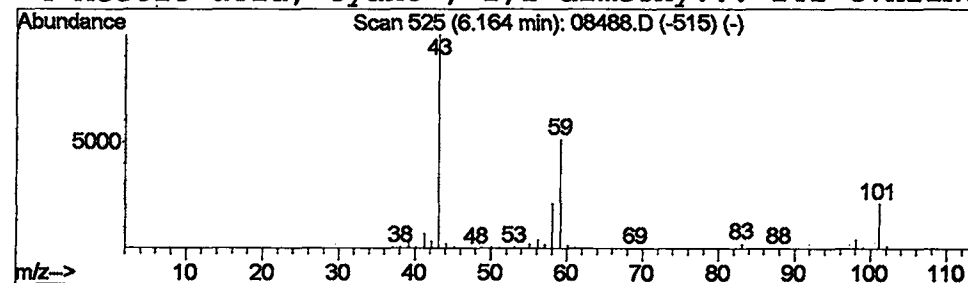
Vial: 25
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation 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	10.28 ug/l	12873900	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	78
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08488.D
 Acq On : 20 Apr 2002 7:45 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

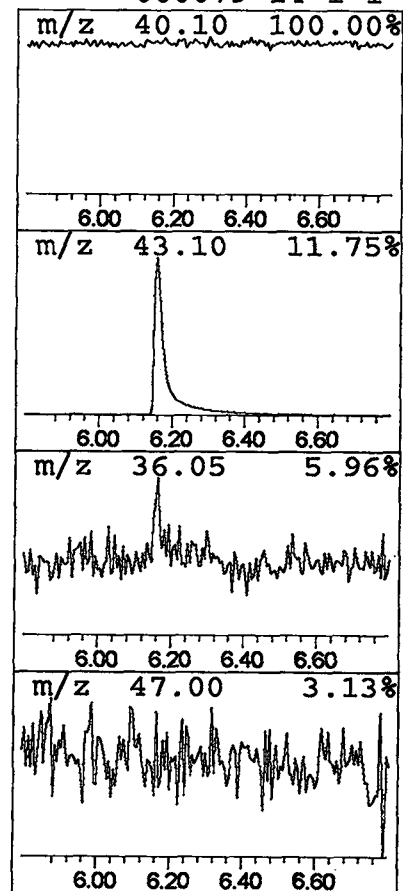
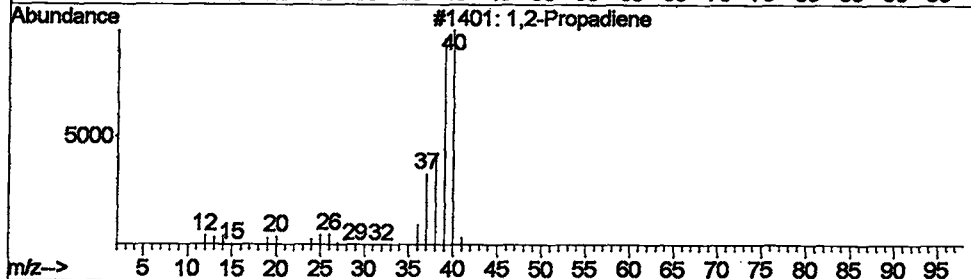
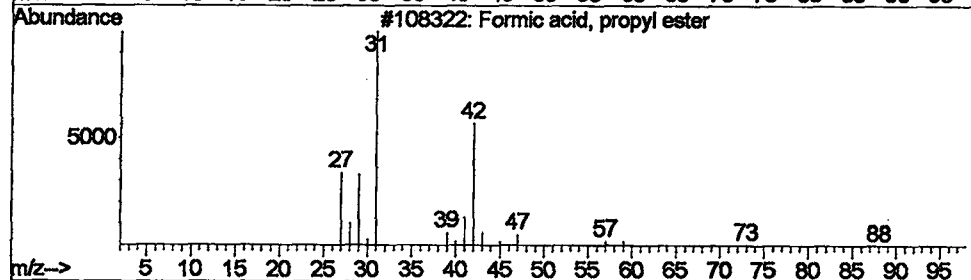
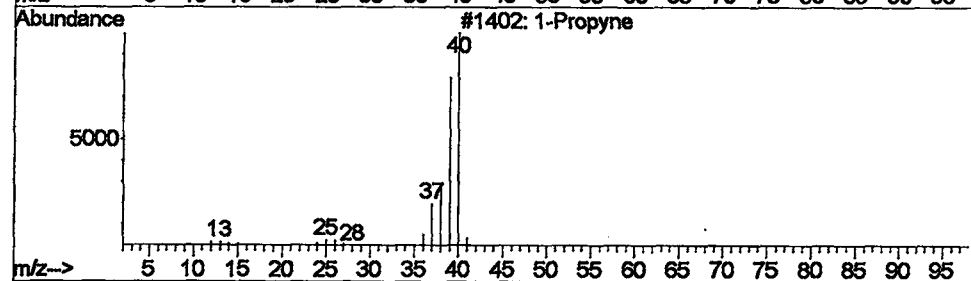
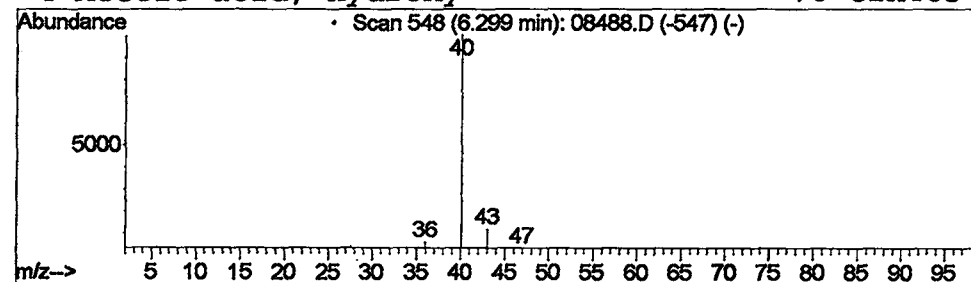
Vial: 25
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

 Peak Number 2 1-Propyne Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	0.53 ug/l	659647	1,4-Dichlorobenzene-d4	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Propyne	40	C3H4	000074-99-7	3
2		Formic acid, propyl ester	88	C4H8O2	000110-74-7	1
3		1,2-Propadiene	40	C3H4	000463-49-0	1
4		Acetic acid, hydroxy-	76	C2H4O3	000079-14-1	1



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08488.D

Acq On : 20 Apr 2002 7:45 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 25

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)

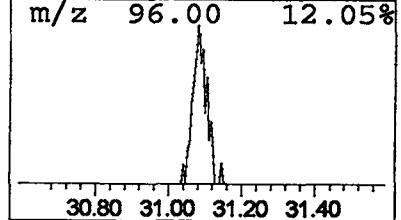
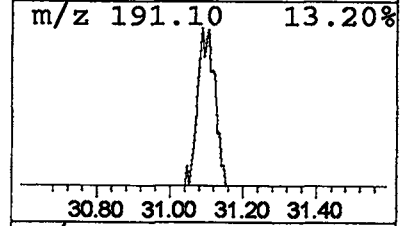
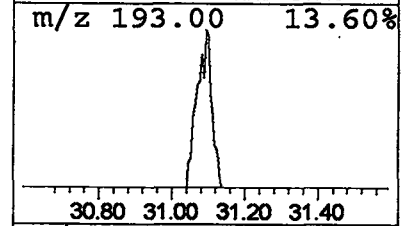
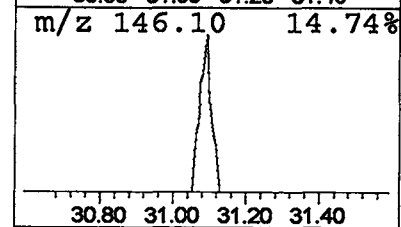
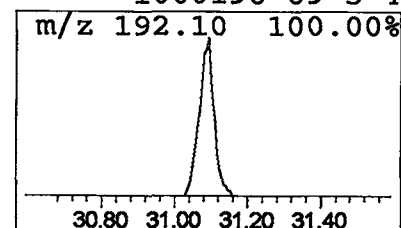
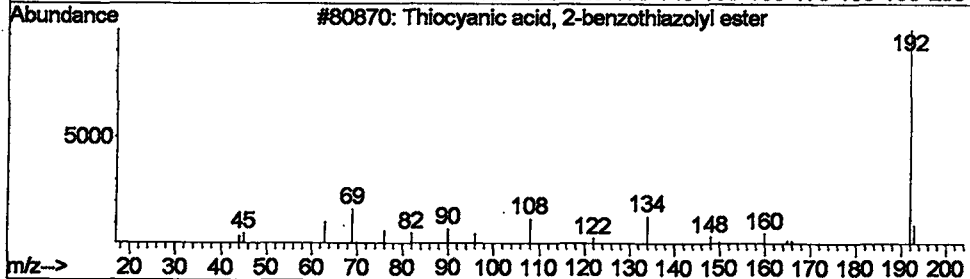
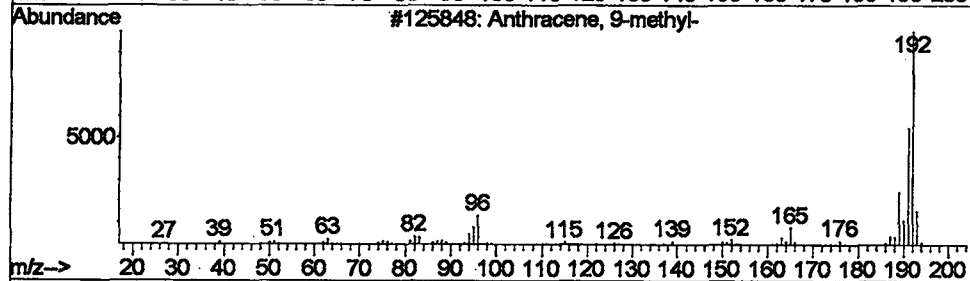
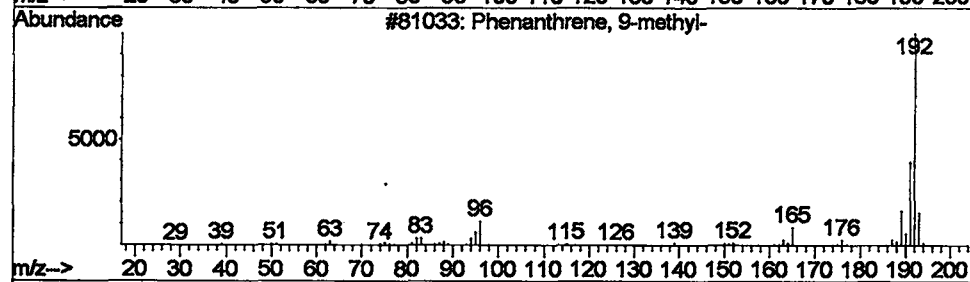
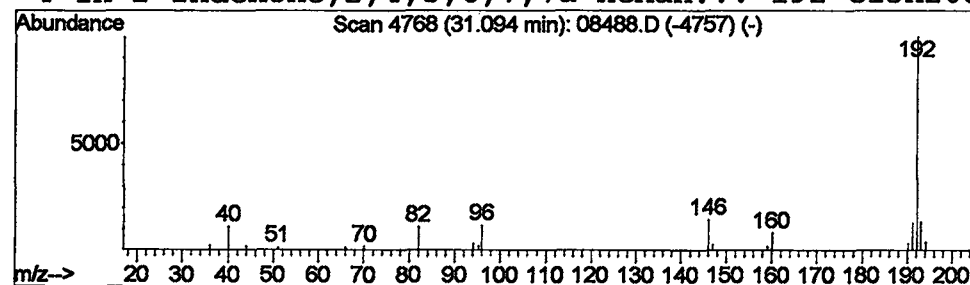
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

Peak Number 3 Phenanthrene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.28 ug/l	552477	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	45
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	42
3		Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	42
4		1H-2-Indenone, 2,4,5,6,7,7a-hexah...	192	C13H20O	1000196-69-5	42



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08488.D
 Acq On : 20 Apr 2002 7:45 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

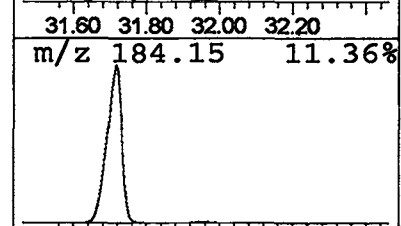
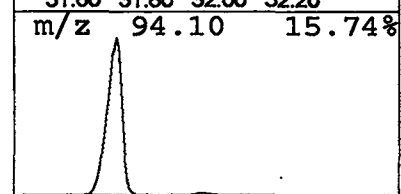
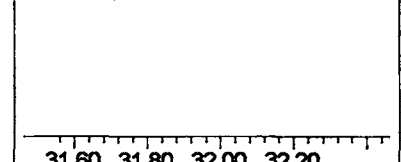
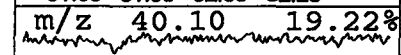
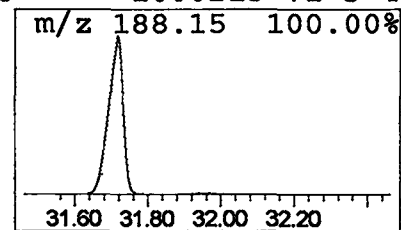
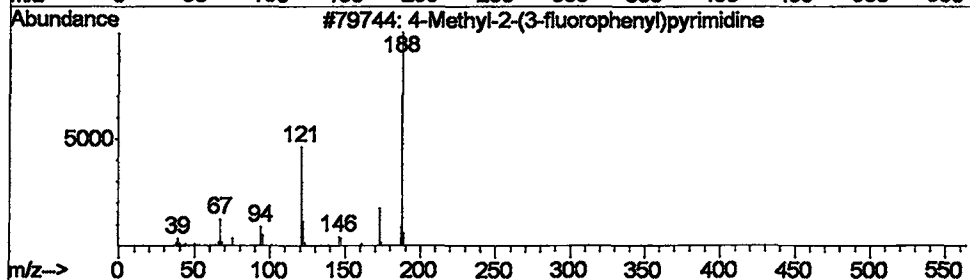
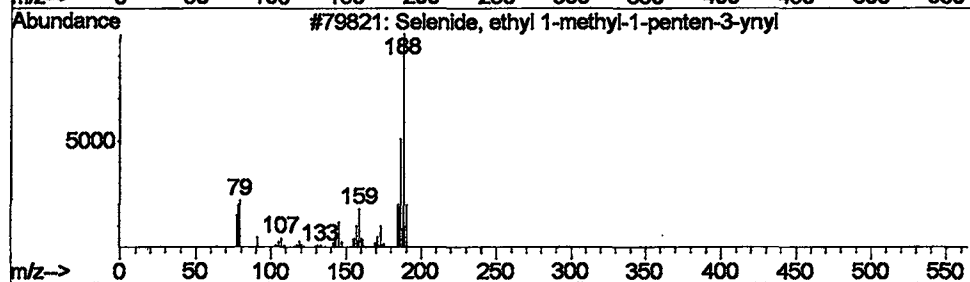
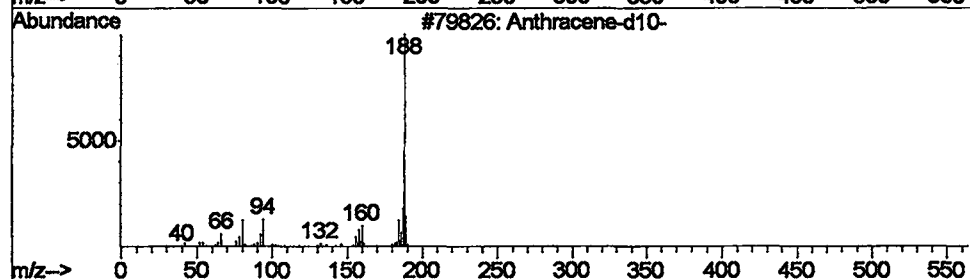
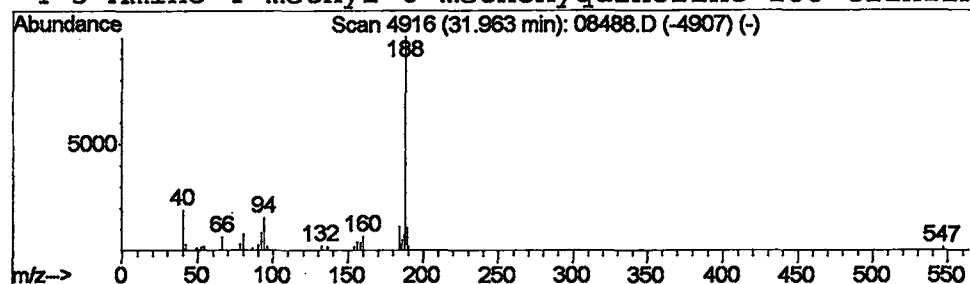
Vial: 25
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

 Peak Number 4 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.31 ug/l	607713	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene-d10-	188	C14D10	001719-06-8	86
2			Selenide, ethyl 1-methyl-1-pente...	188	C8H12Se	025128-48-7	59
3			4-Methyl-2-(3-fluorophenyl)pyrim...	188	C11H9FN2	076128-66-0	45
4			3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	45



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 20 Apr 2002 7:45 am
 Data File: C:\MSDCHEM\1\DATA\020419\08488.D
 Name: sample
 Misc:
 Method: C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation 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-Pentanone, 4-hy...	6.16	10.3	ug/l	12873900	1	11.38	50072600	40.0
1-Propyne	6.30	0.5	ug/l	659647	1	11.38	50072600	40.0
Phenanthrene, 9-m...	31.09	0.3	ug/l	552477	4	31.72	77654400	40.0
Anthracene d10	31.96	0.3	ug/l	607713	4	31.72	77654400	40.0
Phenanthrene d10								