

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/07/2002 Time: 11:16:17

Sample: AE08965
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/7/02 11:15 Ended: 5/7/02 11:15 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		82		10.0

Comments for Sample AE08965 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-07-2002 Time: 11:16:24

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was low.

Data File : C:\MSDCHEM\1\DATA\020424\08965.D
 Acq On : 25 Apr 2002 12:36 am
 Sample : sample
 Misc :
 MS Integration Params: events.e
 Quant Time: Apr 26 10:06:19 2002

Vial: 16
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Results File: SCAN020424.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
 Title : Method 508 GC/MS Scan
 Last Update : Wed Apr 24 08:54:34 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	9460196	40.00	ug/l	-0.01
10) Naphthalene-d8	16.54	136	36964176	40.00	ug/l	-0.03
17) Acenaphthene-d10	24.46	164	20389191	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	30303241	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	23107064	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	15368808	40.00	ug/l	-0.02

System Monitoring Compounds

27) TCMX 27.54 207 937519 8.17 ug/l -0.03
 Spiked Amount 10.000 Recovery = 81.70%

Target Compounds

Qvalue

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 08965.D SCAN020424.M Fri Apr 26 10:09:32 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020424\08965.D

Acq On : 25 Apr 2002 12:36 am

Sample : sample

Misc :

MS Integration Params: events.e

Quant Time: Apr 26 10:09 2002

Vial: 16

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

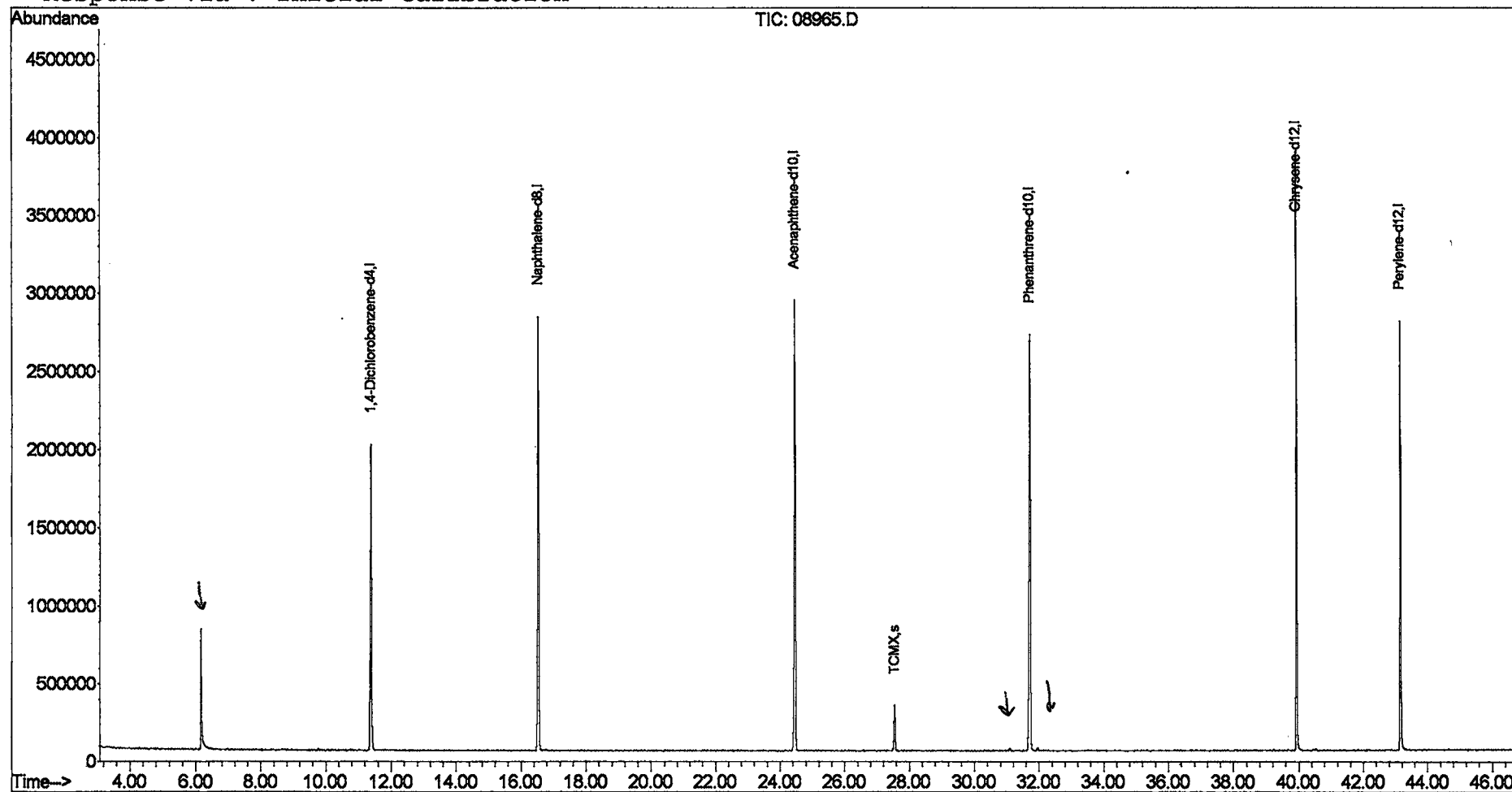
Quant Results File: SCAN020424.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)

Title : Method 508 GC/MS Scan

Last Update : Wed Apr 24 08:54:34 2002

Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\020424\08965.D Vial: 16
 Acq On : 25 Apr 2002 12:36 am Operator: Nefliu
 Sample : sample Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: rteint.e

Method : C:\MSDCHEM\1\METHODS\SCAN020424.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

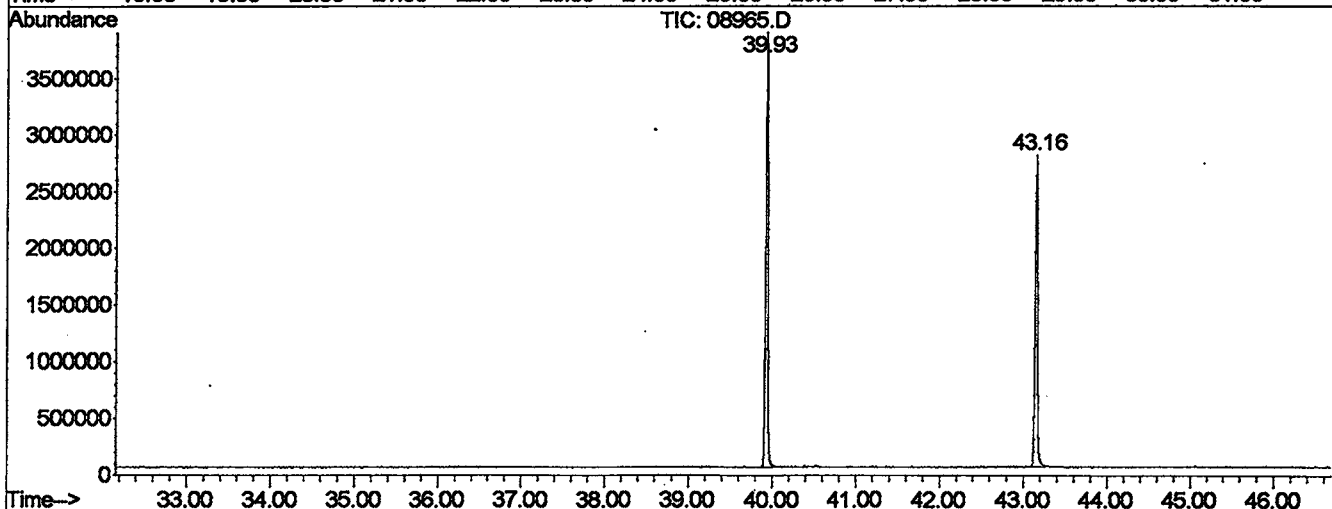
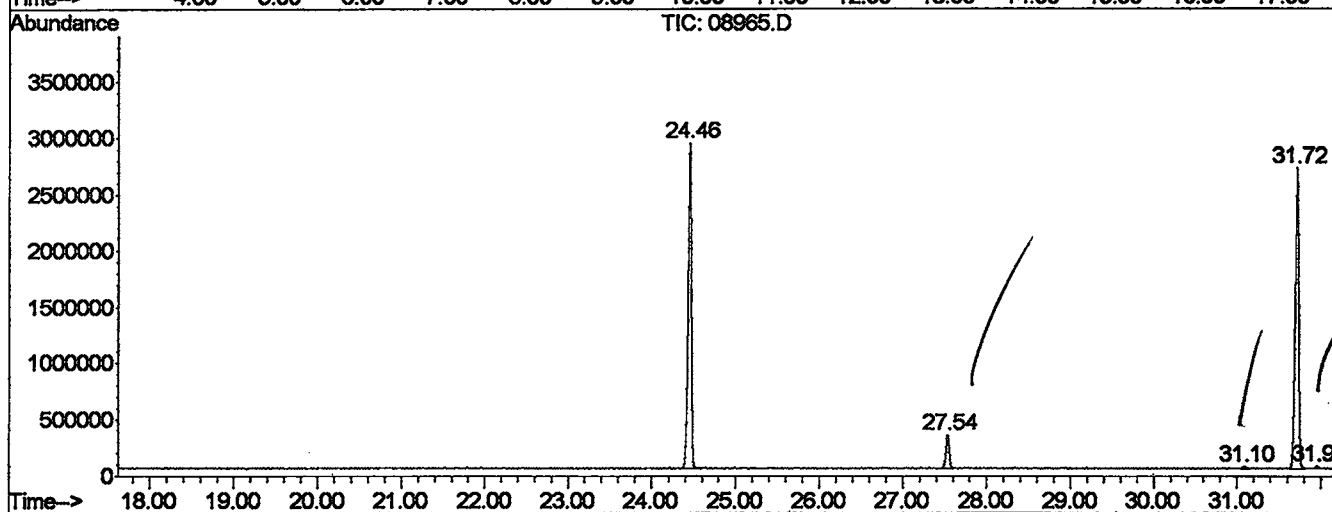
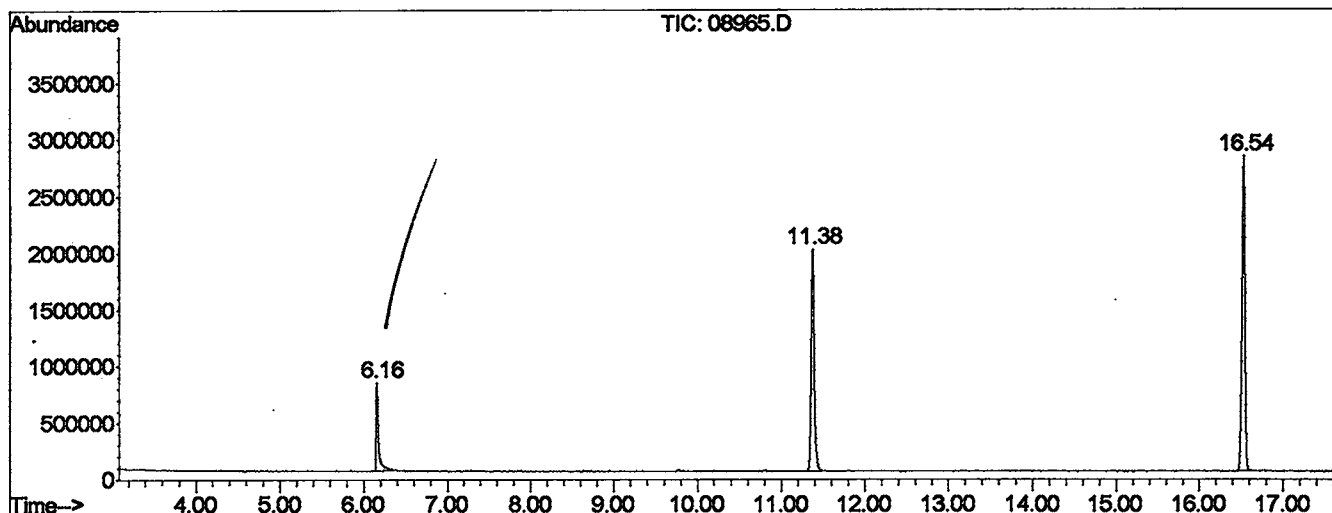
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.158	518	524	559	PV	749165	14864210	19.23%	3.584%
2	11.376	1386	1412	1433	BV	1959164	48963778	63.33%	11.806%
3	16.534	2276	2290	2304	PV	2730698	67943863	87.88%	16.383%
4	24.461	3620	3639	3663	PV	2888969	77313761	100.00%	18.642%
5	27.539	4139	4163	4175	PV 2	296513	7978658	10.32%	1.924%
6	31.094	4759	4768	4777	VV 4	17855	542934	0.70%	0.131%
7	31.717	4858	4874	4890	VV 2	2624962	75788125	98.03%	18.275%
8	31.958	4905	4915	4924	VV 3	21144	537001	0.69%	0.129%
9	39.937	6258	6273	6296	PV 2	3765052	67323133	87.08%	16.233%
10	43.157	6810	6821	6843	PV 2	2753043	53465012	69.15%	12.892%

Sum of corrected areas: 414720476

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020424\08965.D
 Operator : Nefliu
 Acquired : 25 Apr 2002 12:36 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 16
 Quant File :SCAN020424.RES (Chemstation Integrator)



Data File : C:\MSDCHEM\1\DATA\020424\08965.D

Acq On : 25 Apr 2002 12:36 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 16

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)

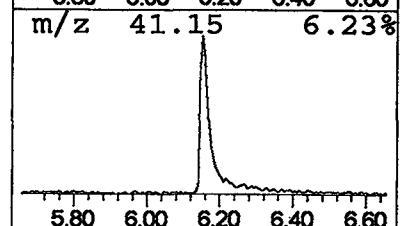
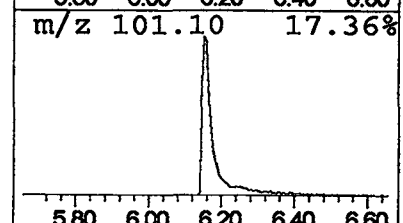
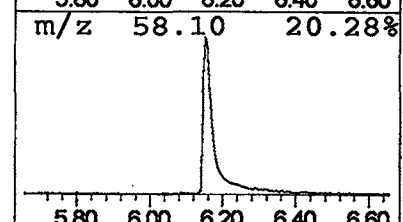
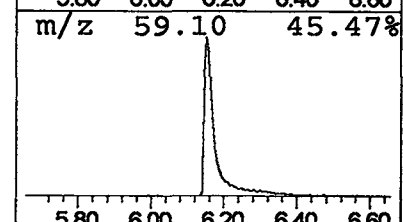
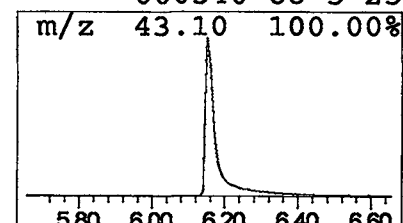
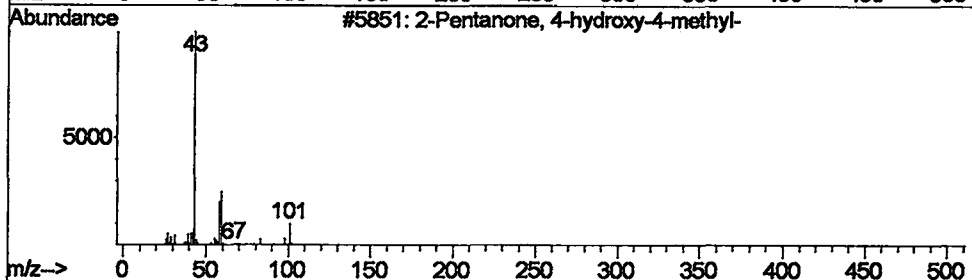
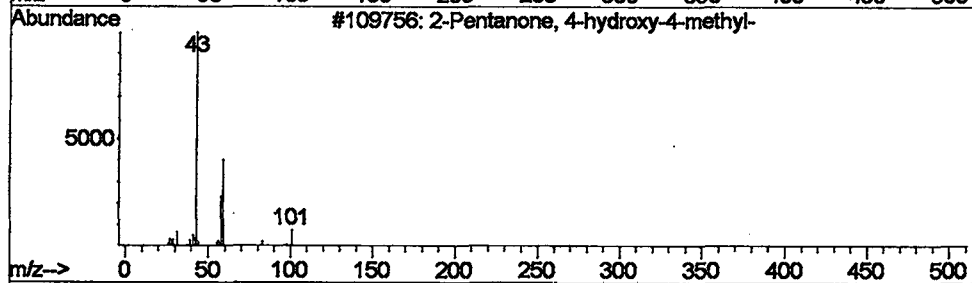
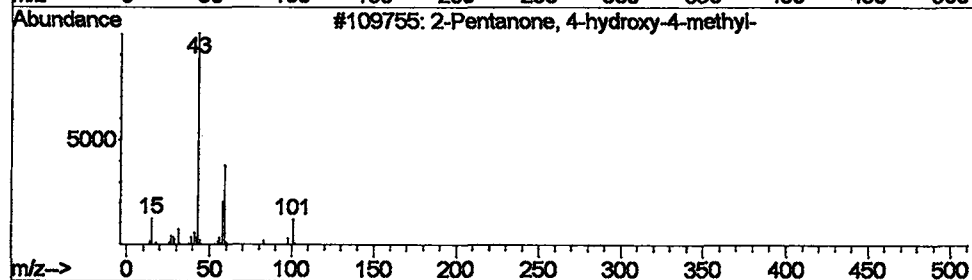
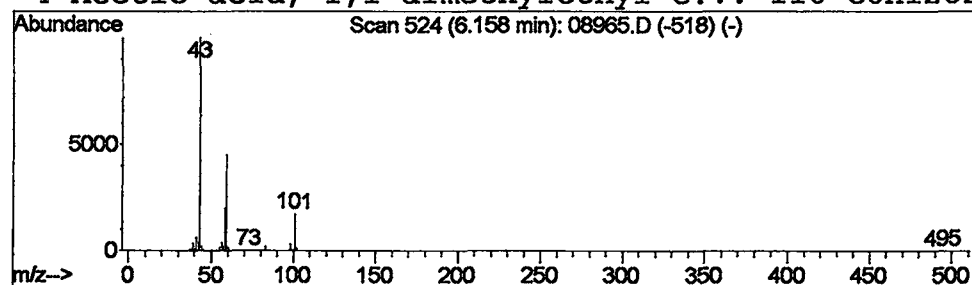
Title : Method 508 GC/MS Scan

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	12.14 ug/l	14864200	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	83
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25



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Acq On : 25 Apr 2002 12:36 am
Sample : sample
Misc :
MS Integration Params: rteint.e

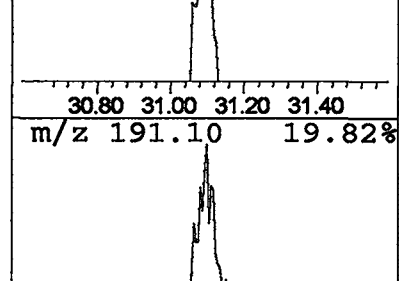
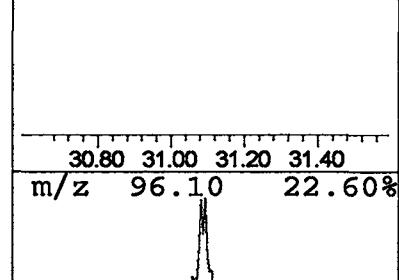
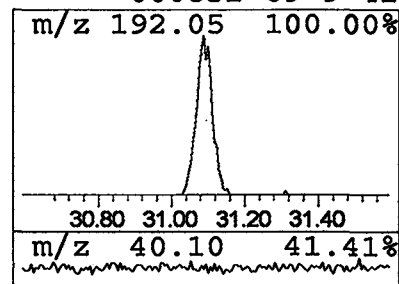
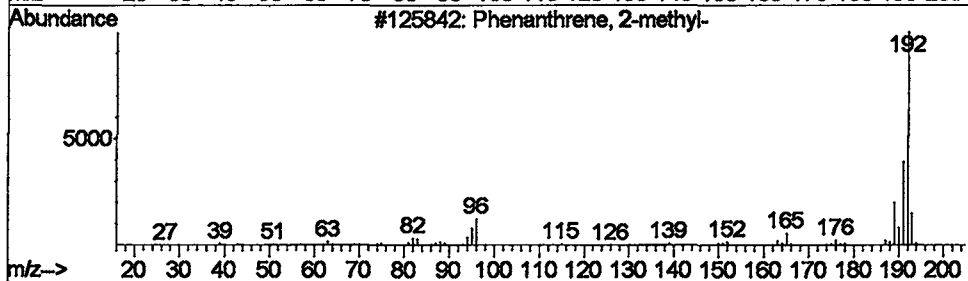
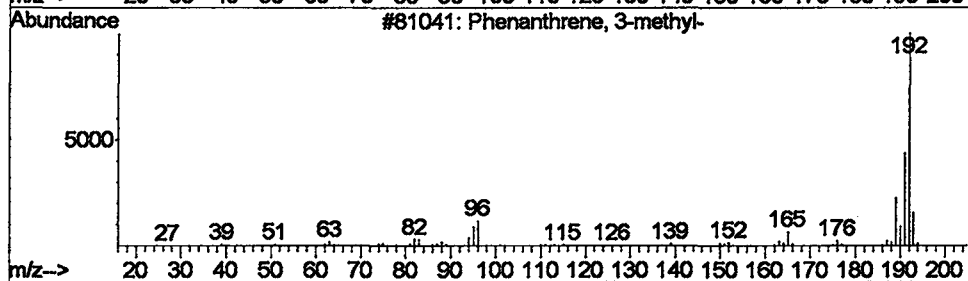
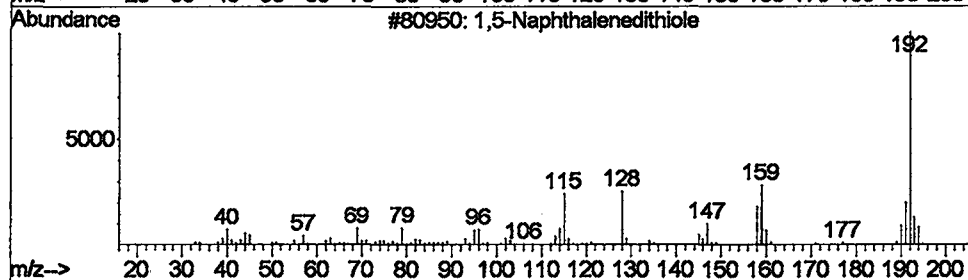
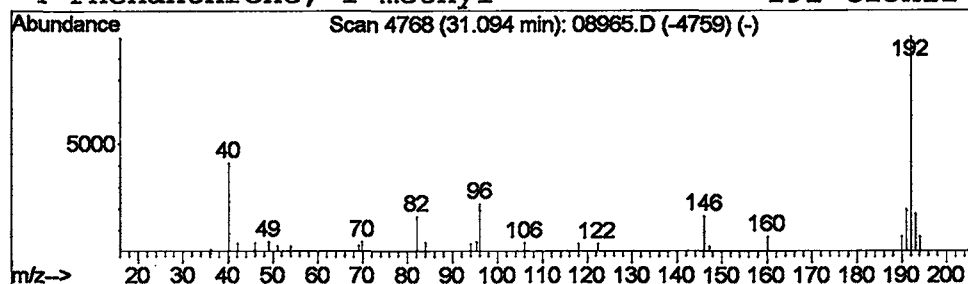
Vial: 16
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.1

Peak Number 2 1,5-Naphthalenedithiolo Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.10	0.29 ug/l	542934	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,5-Naphthalenedithiolo	192	C10H8S2	1000223-69-5	45
2			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	42
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	42
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42



Data File : C:\MSDCHEM\1\DATA\020424\08965.D
 Acq On : 25 Apr 2002 12:36 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

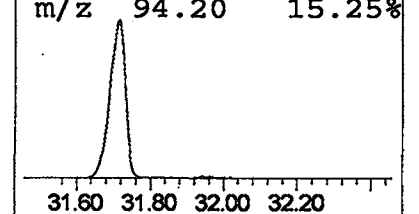
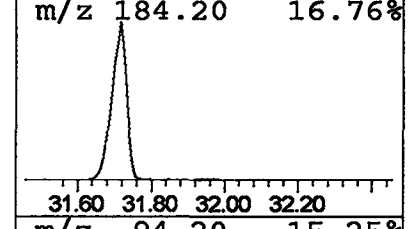
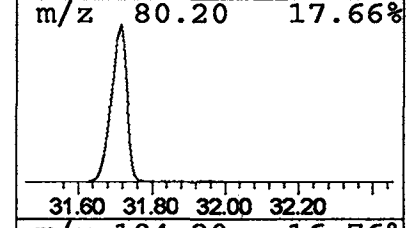
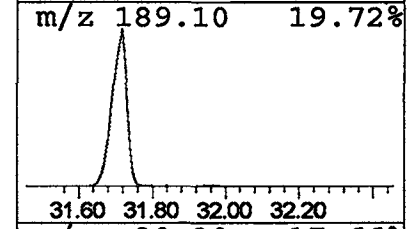
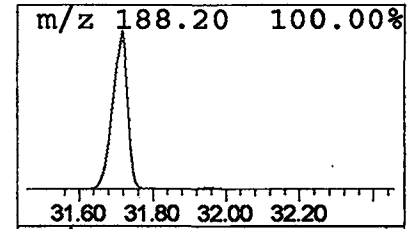
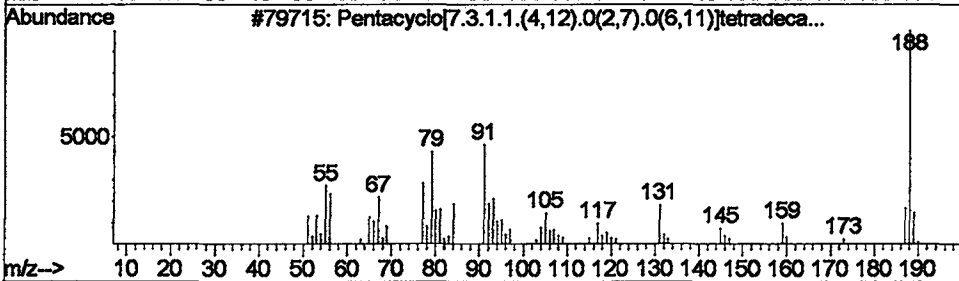
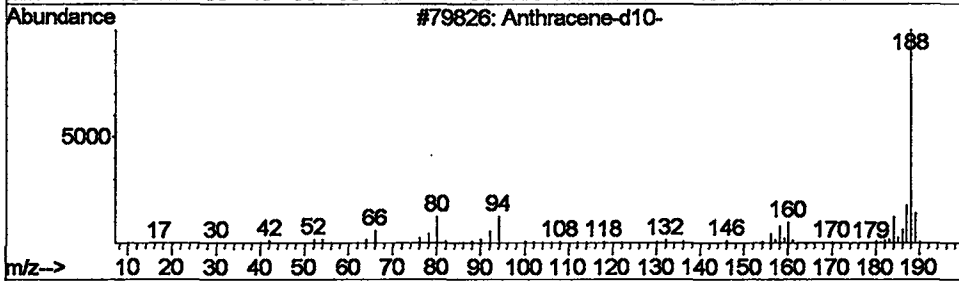
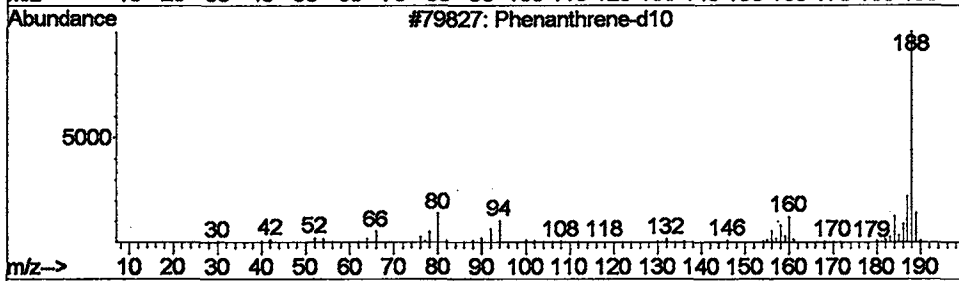
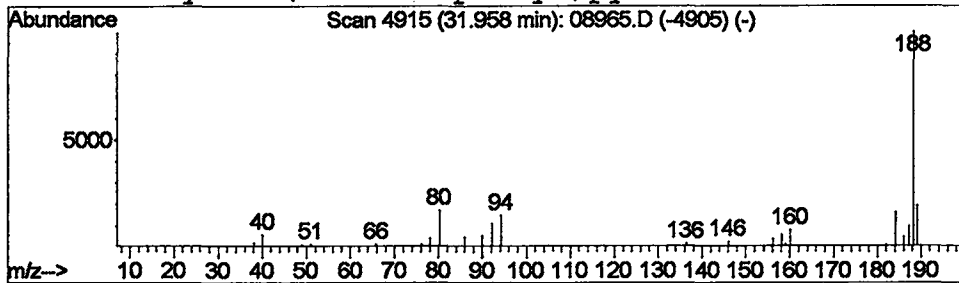
Vial: 16
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

 Peak Number 3 Phenanthrene-d10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.28 ug/l	537001	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene-d10	188	C14D10	001517-22-2	56
2			Anthracene-d10-	188	C14D10	001719-06-8	47
3			Pentacyclo[7.3.1.1.(4,12).0(2,7)...]	188	C14H20	1000215-61-8	45
4			4-Methyl-2-(4-fluorophenyl)pyrim...	188	C11H9FN2	076128-67-1	9



Operator ID: Nefliu Date Acquired: 25 Apr 2002 12:36 am
 , Data File: C:\MSDCHEM\1\DATA\020424\08965.D
 Name: sample
 Misc:
 Method: C:\MSDCHEM\1\METHODS\SCAN020424.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	12.1	ug/l	14864200	1	11.38	48963800	40.0
1,5-Naphthalenedi...	31.10	0.3	ug/l	542934	4	31.72	75788100	40.0
/ Phenanthrene-d10	31.96	0.3	ug/l	537001	4	31.72	75788100	40.0