

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/06/2002 Time: 13:56:07

Sample: AE08427
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/6/02 13:55 Ended: 5/6/02 13:55 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		70		10.0

Comments for Sample AE08427 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-06-2002 Time: 13:56:31

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\08427.D Vial: 14
 Acq On : 19 Apr 2002 8:56 pm Operator: Nefliu
 Sample : sample Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: EVENTS.E
 Quant Time: Apr 22 15:57:51 2002 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	11232262	40.00	ug/l	-0.05
10) Naphthalene-d8	16.54	136	43379057	40.00	ug/l	-0.07
17) Acenaphthene-d10	24.46	164	23729003	40.00	ug/l	-0.06
30) Phenanthrene-d10	31.72	188	35788649	40.00	ug/l	-0.05
38) Chrysene-d12	39.94	240	27560229	40.00	ug/l	-0.07
44) Perylene-d12	43.16	264	20208713	40.00	ug/l	-0.04
System Monitoring Compounds						
27) TCMX	27.54	207	821727	5.58	ug/l	-0.08
Spiked Amount	10.000 P.C		Recovery	=	55.80% 69.8	
Target Compounds						
35) Di-n-butylphthalate	34.80	149	183406	0.15	ug/l	Qvalue 97

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 08427.D SCAN020418.M Fri Apr 26 14:47:19 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020419\08427.D

Vial: 14

Acq On : 19 Apr 2002 8:56 pm

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: EVENTS.E

Quant Time: Apr 22 15:58 2002

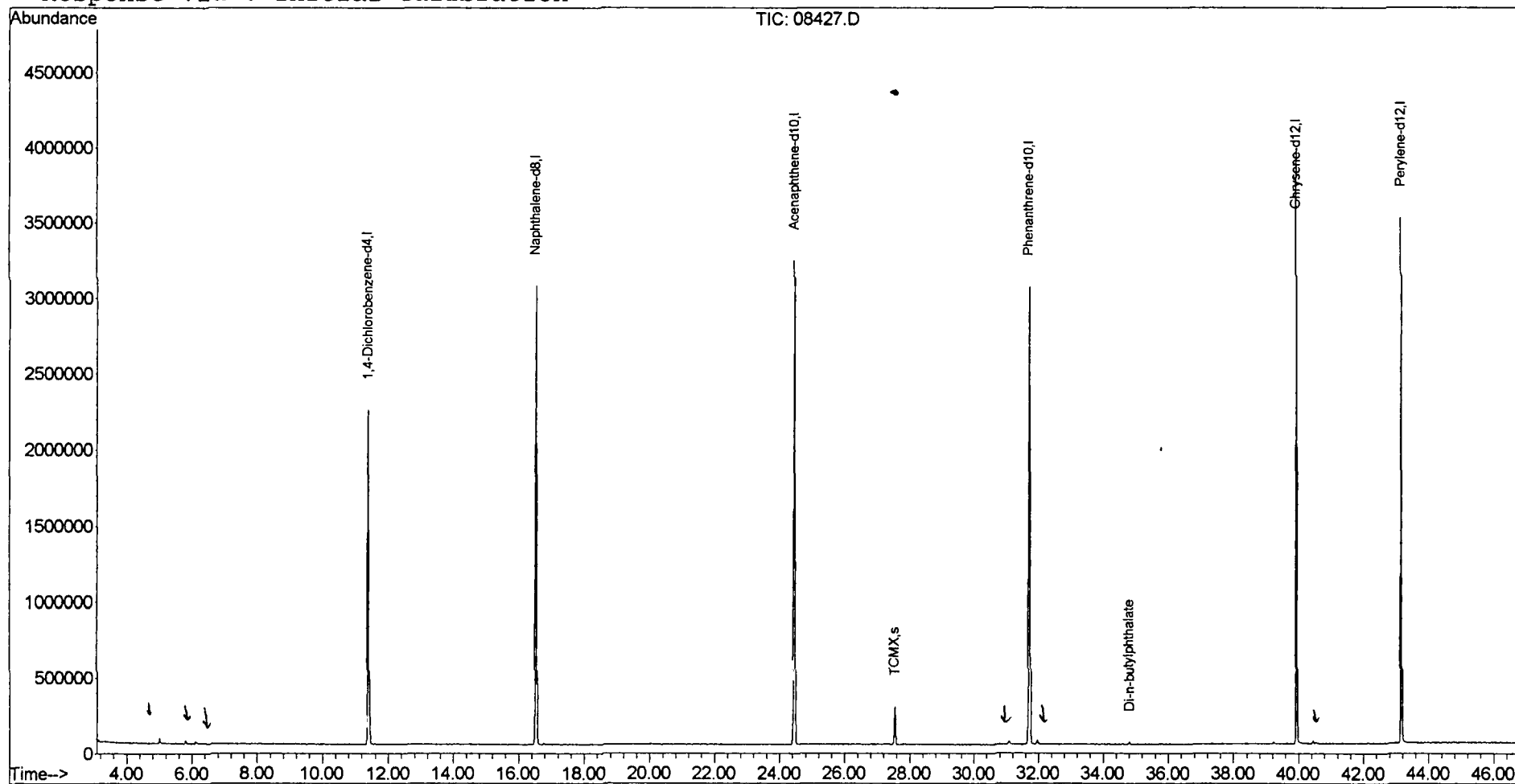
Quant Results File: SCAN020418.RES

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



08427.D SCAN020418.M

Fri Apr 26 14:47:20 2002

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LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020419\08427.D

Vial: 14

Acq On : 19 Apr 2002 8:56 pm

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

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

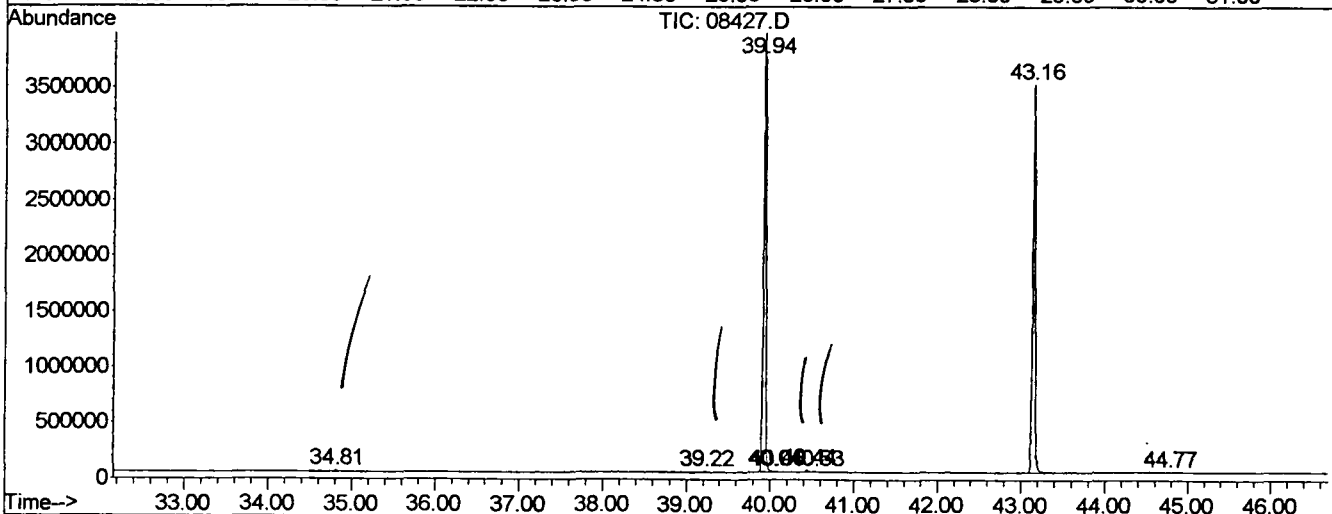
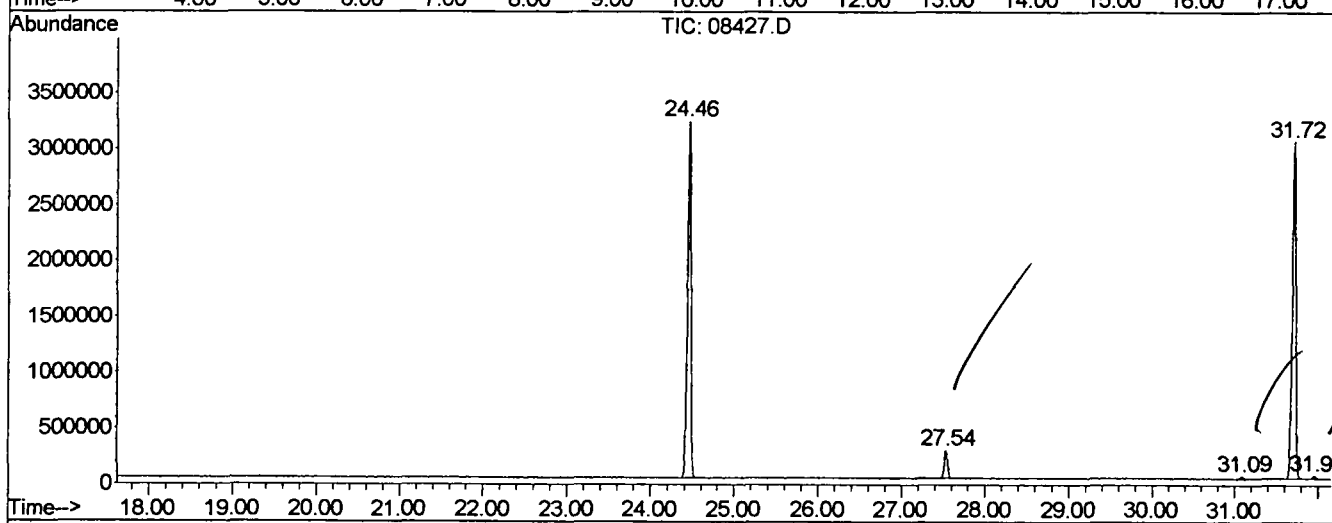
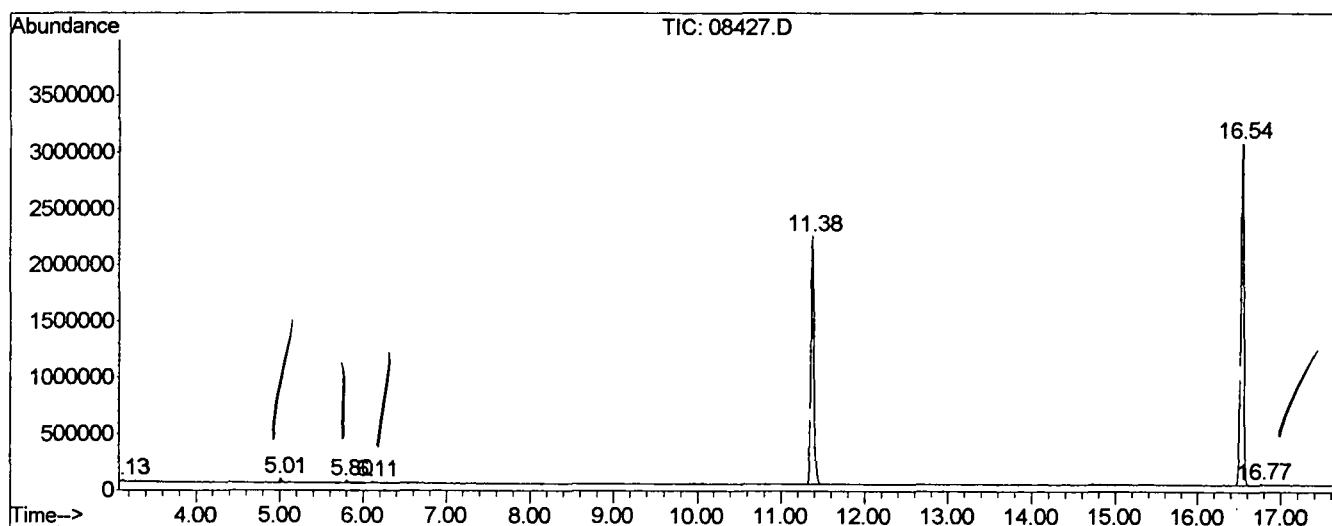
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.132	3	9	16	BV	2 14820	161508	0.18%	0.034%
2	5.012	323	329	339	PV	2 37198	686942	0.77%	0.144%
3	5.805	458	464	472	PV	3 23975	479810	0.54%	0.100%
4	6.117	506	517	529	VV	2 15777	549792	0.61%	0.115%
5	11.375	1397	1412	1435	PV	2180254	56931102	63.59%	11.894%
6	16.540	2275	2291	2304	PV	3044551	78769234	87.98%	16.457%
7	16.769	2315	2330	2336	BV	2 8389	198213	0.22%	0.041%
8	24.466	3621	3640	3653	PV	3179536	89526414	100.00%	18.704%
9	27.539	4150	4163	4173	VV	251489	7015488	7.84%	1.466%
10	31.094	4751	4768	4776	PV	4 23570	772249	0.86%	0.161%
11	31.723	4856	4875	4888	VV	2 3010889	89382314	99.84%	18.674%
12	31.963	4903	4916	4924	PV	3 28866	806229	0.90%	0.168%
13	34.807	5392	5400	5411	PV	2 13513	306814	0.34%	0.064%
14	39.226	6145	6152	6166	PV	2 14375	322941	0.36%	0.067%
15	39.937	6260	6273	6289	VV	2 3888513	81177342	90.67%	16.960%
16	40.042	6289	6291	6293	VV	2 8524	104525	0.12%	0.022%
17	40.066	6293	6295	6300	VV	9805	164027	0.18%	0.034%
18	40.442	6347	6359	6368	PV	22015	482083	0.54%	0.101%
19	40.530	6368	6374	6384	VV	4 11131	267471	0.30%	0.056%
20	43.156	6810	6821	6847	PV	2 3389589	70412732	78.65%	14.711%
21	44.766	7089	7095	7101	PV	2 5311	123912	0.14%	0.026%

Sum of corrected areas: 478641143

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020419\08427.D
 Operator : Nefliu
 Acquired : 19 Apr 2002 8:56 pm using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 14
 Quant File :SCAN020418.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08427.D
Acq On : 19 Apr 2002 8:56 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

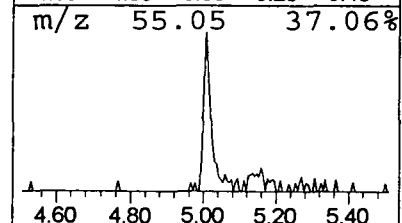
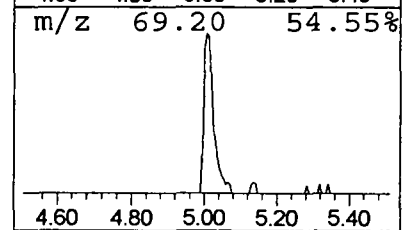
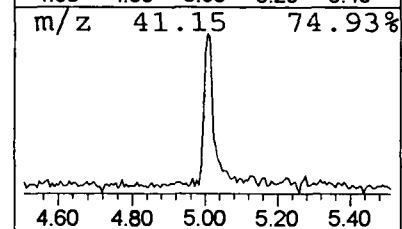
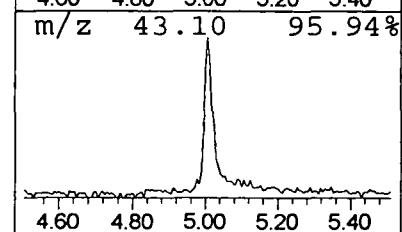
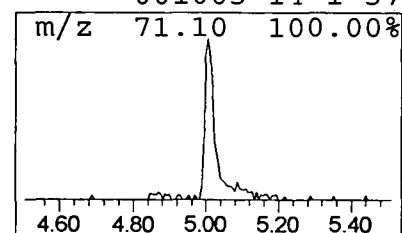
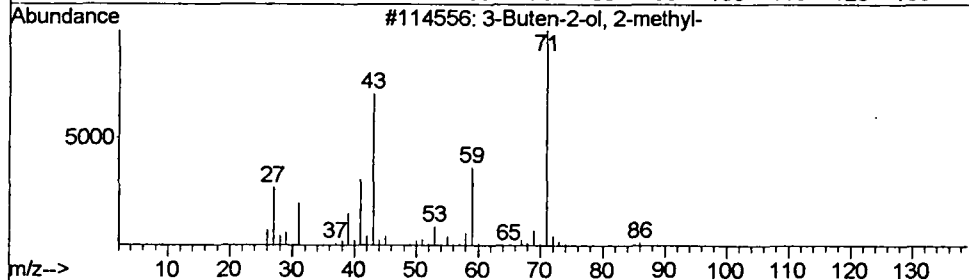
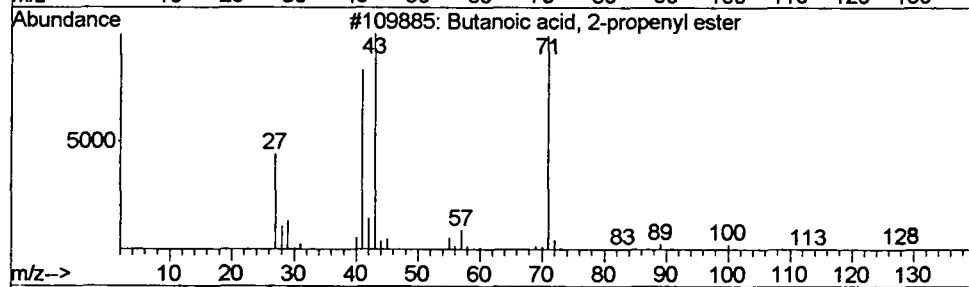
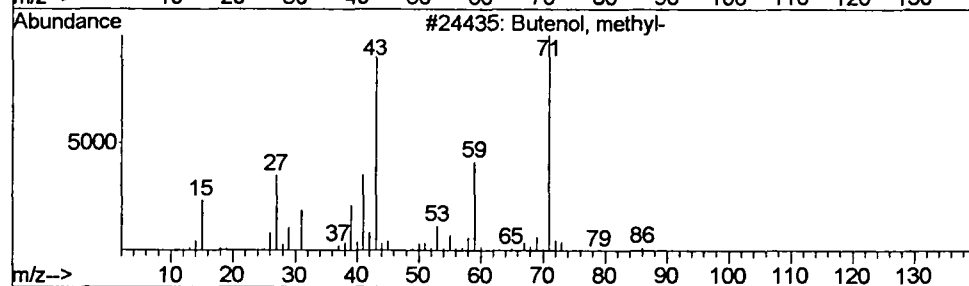
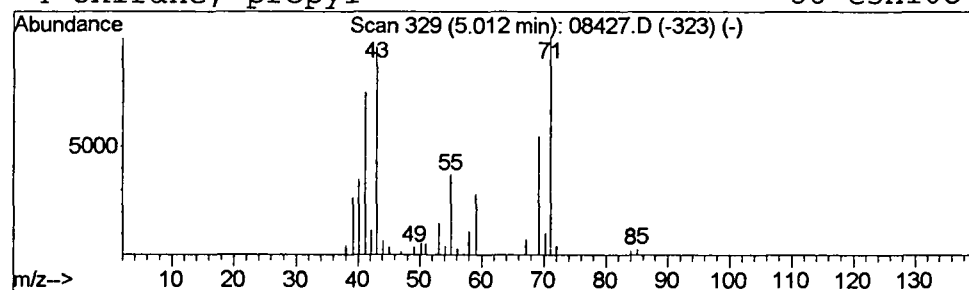
Vial: 14
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 1 Butenol, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	0.48 ug/l	686942	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butenol, methyl-	86	C5H10O	060766-00-9	59
2			Butanoic acid, 2-propenyl ester	128	C7H12O2	002051-78-7	47
3			3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	38
4			Oxirane, propyl-	86	C5H10O	001003-14-1	37



Library Search Compound Report

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Acq On : 19 Apr 2002 8:56 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

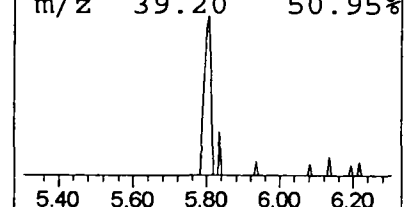
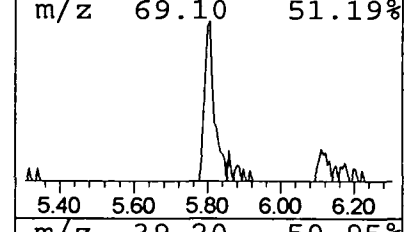
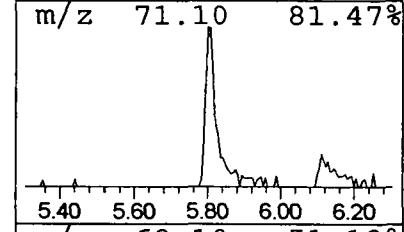
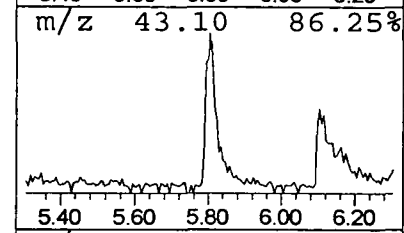
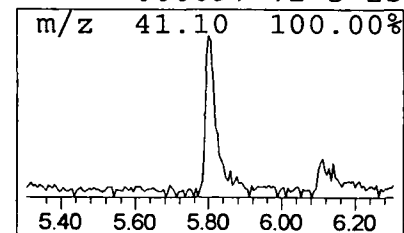
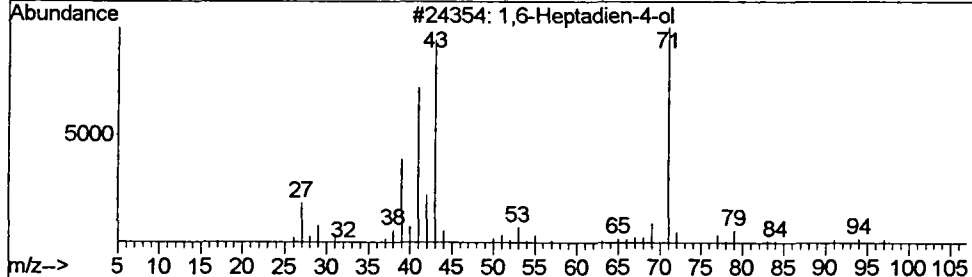
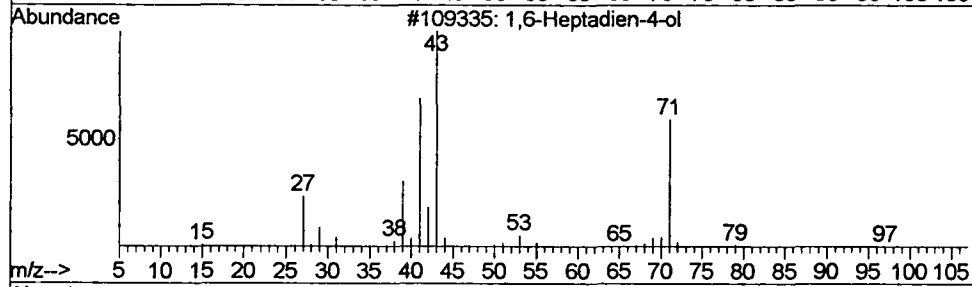
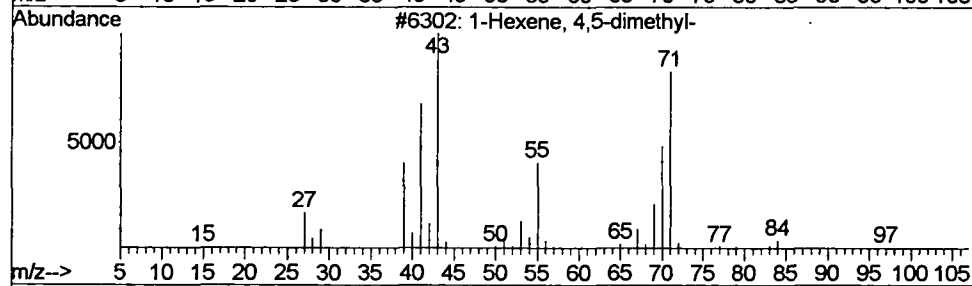
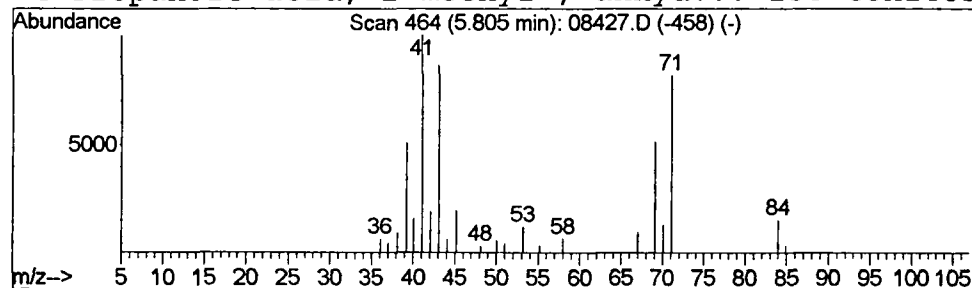
Vial: 14
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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-Hexene, 4,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	0.34 ug/l	479810	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	36
2			1,6-Heptadien-4-ol	112	C7H12O	002883-45-6	32
3			1,6-Heptadien-4-ol	112	C7H12O	002883-45-6	23
4			Propanoic acid, 2-methyl-, anhyd...	158	C8H14O3	000097-72-3	23



Library Search Compound Report

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 Acq On : 19 Apr 2002 8:56 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

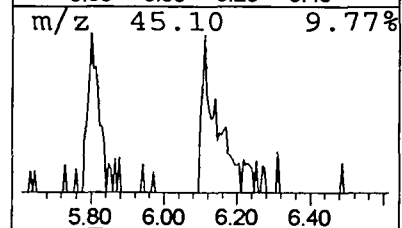
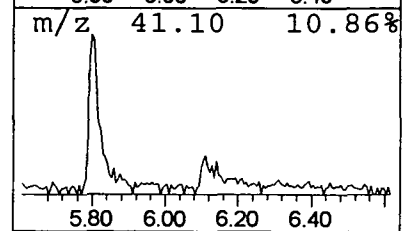
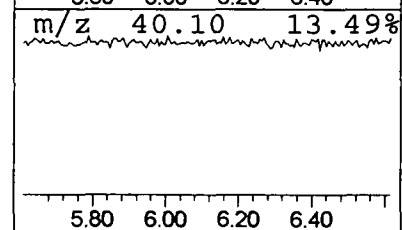
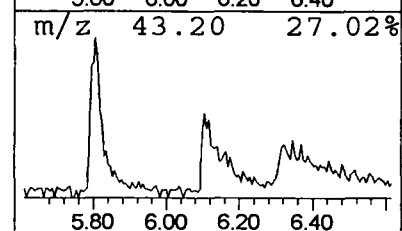
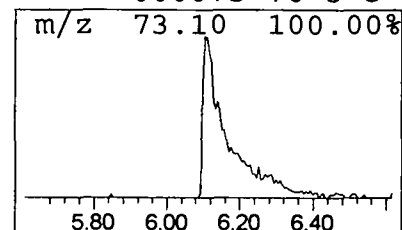
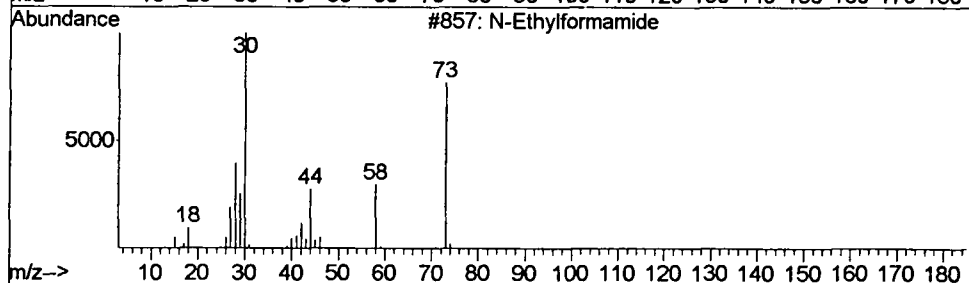
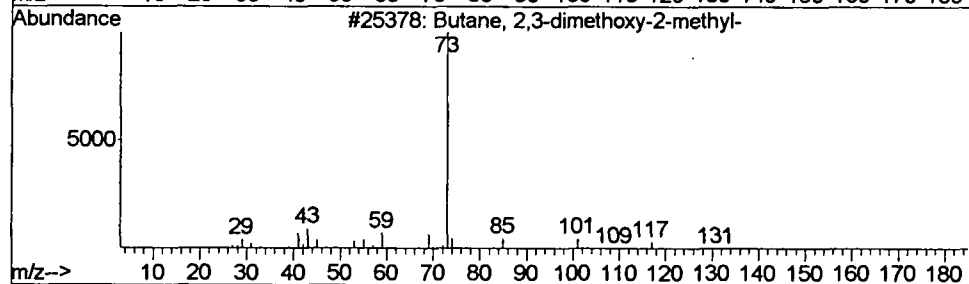
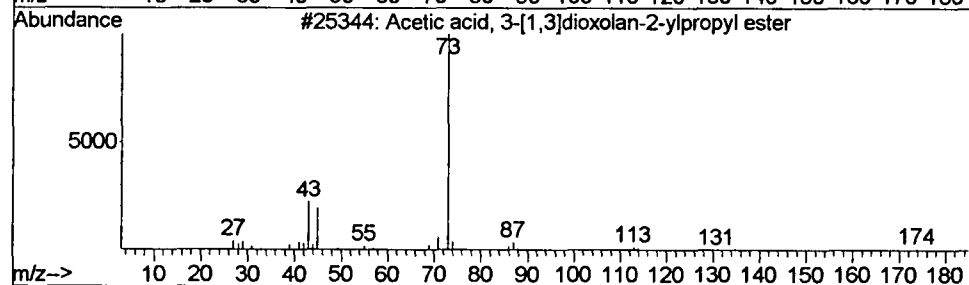
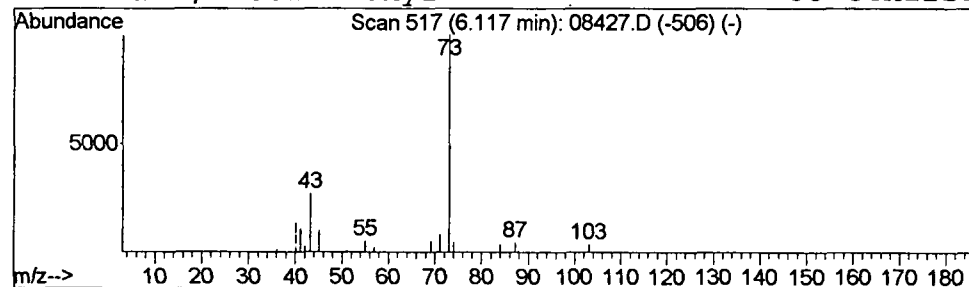
Vial: 14
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 3 Acetic acid, 3-[1,3]dioxola... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	0.39 ug/l	549792	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9
2			Butane, 2,3-dimethoxy-2-methyl-	132	C7H16O2	074421-00-4	9
3			N-Ethylformamide	73	C3H7NO	000627-45-2	5
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	5



Library Search Compound Report

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Sample : sample
Misc :
MS Integration Params: rteint.e

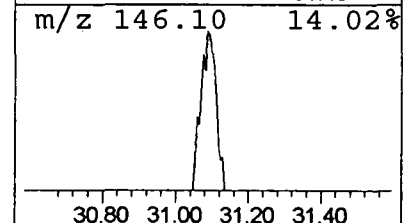
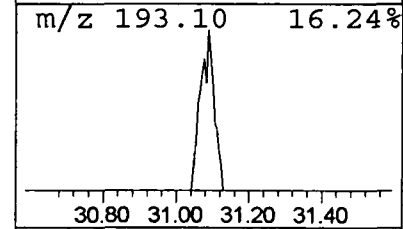
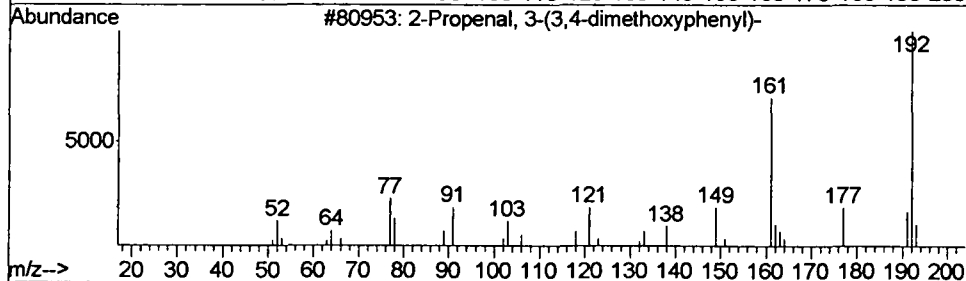
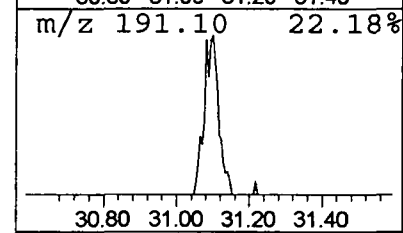
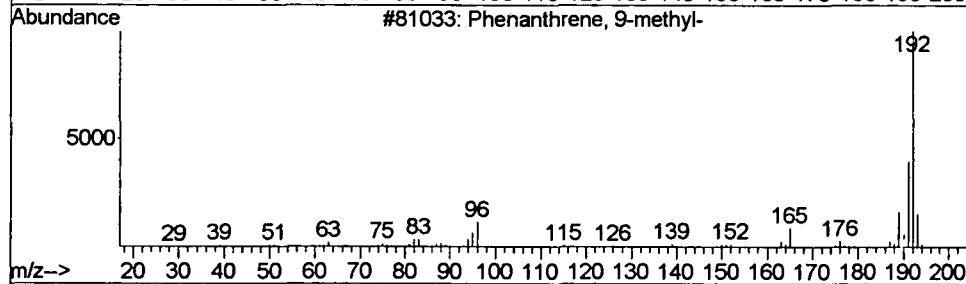
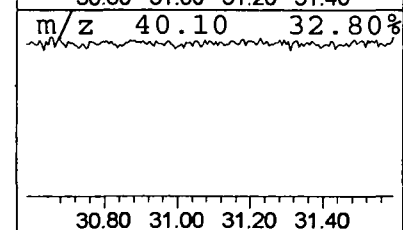
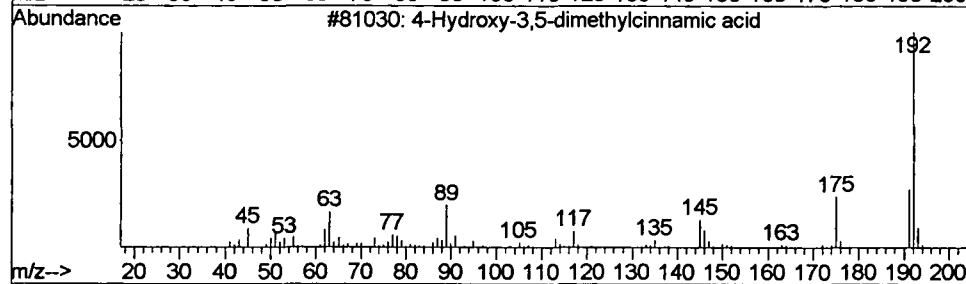
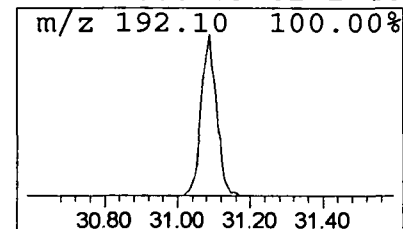
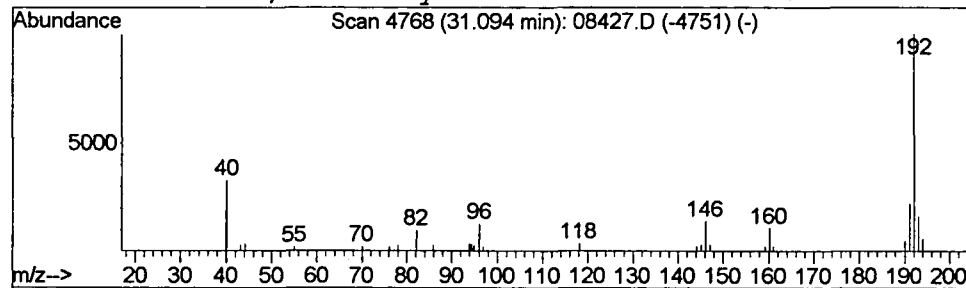
Vial: 14
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.35 ug/l	772249	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	53
2			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	53
3			2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	42
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	40



Library Search Compound Report

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Acq On : 19 Apr 2002 8:56 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

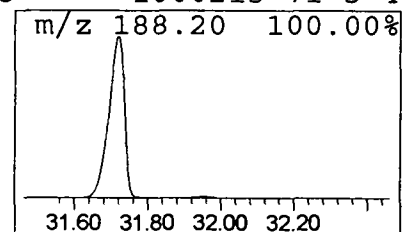
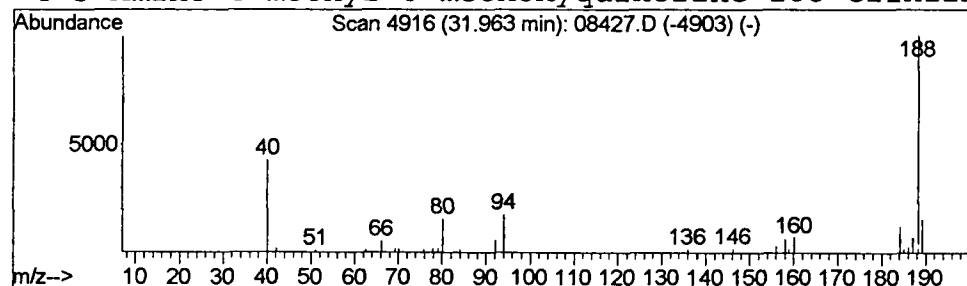
Vial: 14
Operator: Nefliu
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Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
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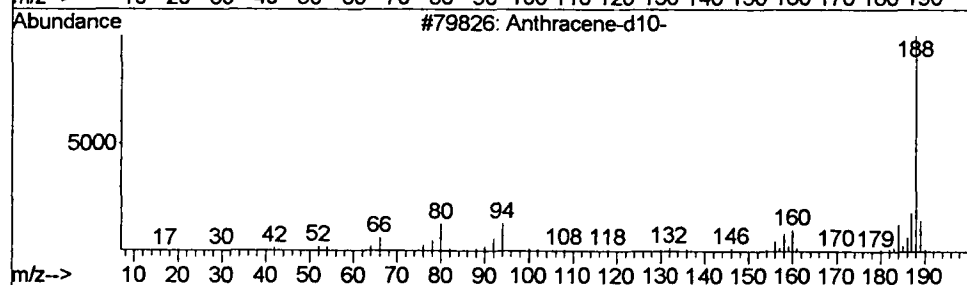
Peak Number 5 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.36 ug/l	806229	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene-d10-	188	C14D10	001719-06-8	91
2			Phenanthrene-d10	188	C14D10	001517-22-2	86
3			2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	42
4			3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	42

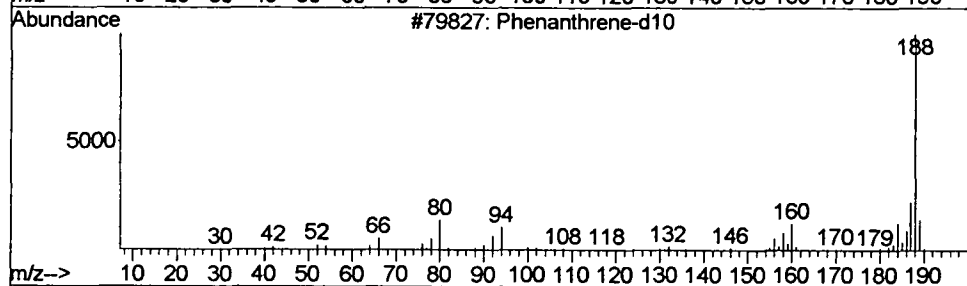


m/z 40.10 42.99%



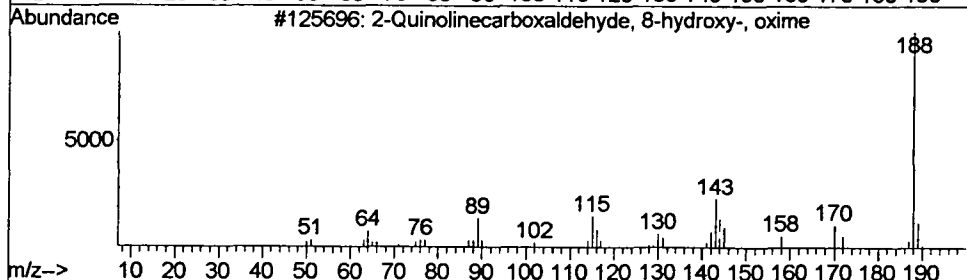
31.60 31.80 32.00 32.20

m/z 94.10 17.88%



31.60 31.80 32.00 32.20

m/z 80.10 15.72%



31.60 31.80 32.00 32.20

m/z 189.20 15.60%

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08427.D
Acq On : 19 Apr 2002 8:56 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

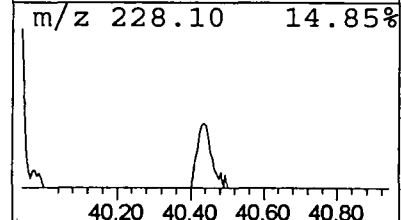
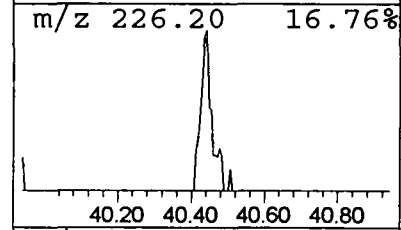
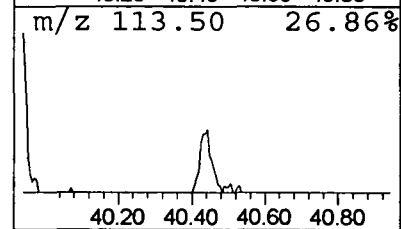
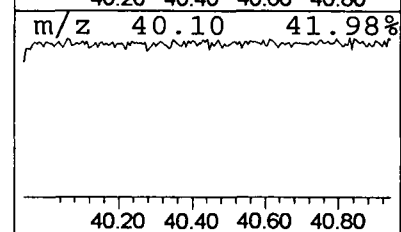
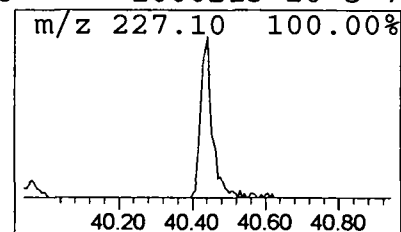
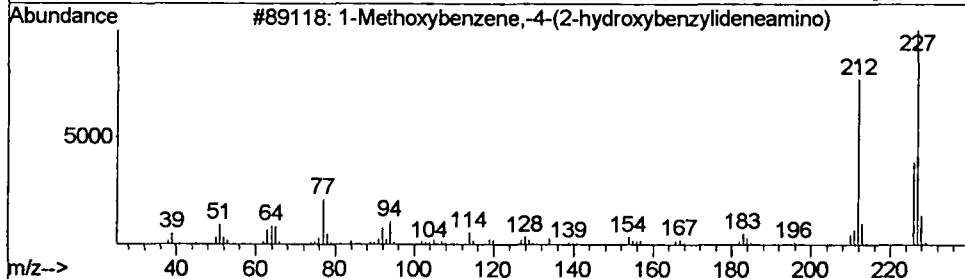
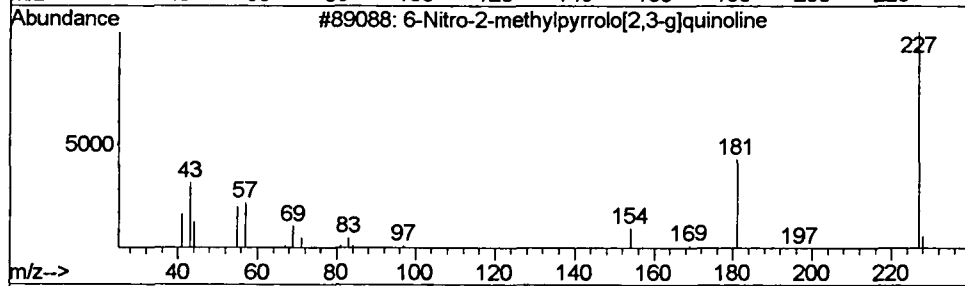
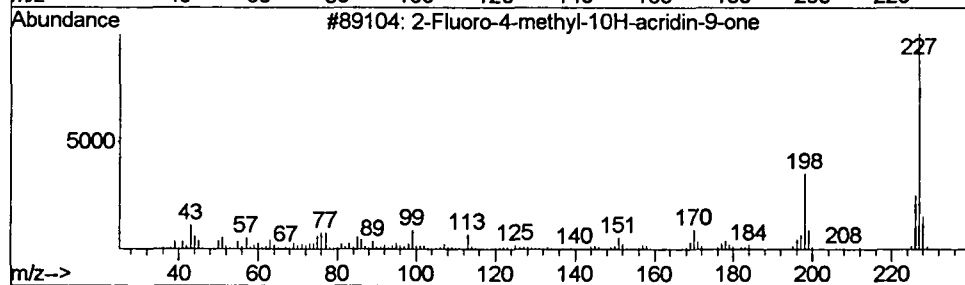
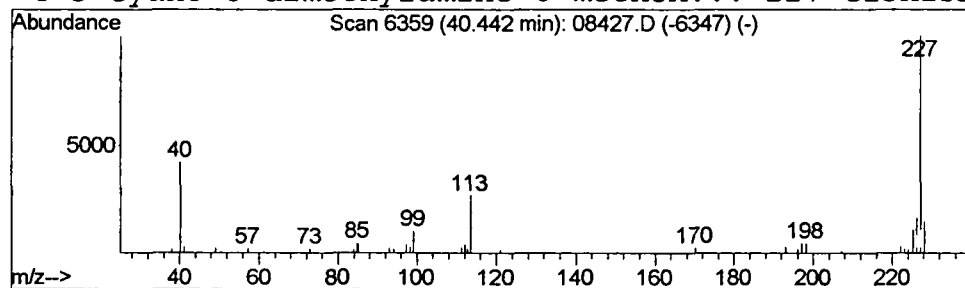
Vial: 14
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 6 2-Fluoro-4-methyl-10H-acrid... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.44	0.24 ug/l	482083	Chrysene-d12	39.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Fluoro-4-methyl-10H-acridin-9-one	227	C14H10FNO	1000210-25-9	45
2			6-Nitro-2-methylpyrrolo[2,3-g]qu...	227	C12H9N3O2	1000071-35-1	43
3			1-Methoxybenzene, -4-(2-hydroxybe...	227	C14H13NO2	1000221-93-3	7
4			5-Cyano-8-dimethylamino-6-methox...	227	C13H13N3O	1000213-20-5	7



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 19 Apr 2002 8:56 pm
Data File: C:\MSDCHEM\1\DATA\020419\08427.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
Butenol, methyl-	5.01	0.5	ug/l	686942	1	11.38	56931100	40.0
1-Hexene, 4,5-dim...	5.80	0.3	ug/l	479810	1	11.38	56931100	40.0
Acetic acid, 3-fl...	6.11	0.4	ug/l	549792	1	11.38	56931100	40.0
4-Hydroxy 3,5-dim...	31.09	0.3	ug/l	772249	4	31.72	89382300	40.0
Anthracene-d10-	31.96	0.4	ug/l	806229	4	31.72	89382300	40.0
2-Fluoro-4-methyl...	40.44	0.2	ug/l	482083	5	39.94	81177300	40.0

Phenanthrene he-d10