

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/29/2002 Time: 13:49:54

Sample: AE11425
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/29/02 13:49 Ended: 5/29/02 13:49 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		87		10.0

Comments for Sample AE11425 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-29-2002 Time: 13:50:50

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\020521\11425.D
 Acq On : 21 May 2002 6:15 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 24 09:25:35 2002

Vial: 11
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Results File: SCAN020521.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Last Update : Fri May 24 09:17:56 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	453174	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1688203	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.45	164	901945	40.00	ug/l	-0.03
30) Phenanthrene-d10	31.72	188	1530033	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1203223	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	713386	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.56	207	252177	34.86	ug/l	-0.04
Spiked Amount	40.000		Recovery	=	87.15%	

Target Compounds

35) Di-n-butylphthalate	34.81	149	15126	0.31	ug/l	Qvalue 92
43) Bis(2-ethylhexyl)phthalate	40.51	149	941	0.04	ug/l	# 55

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 11425.D SCAN020521.M Fri May 24 09:26:40 2002 Page 1

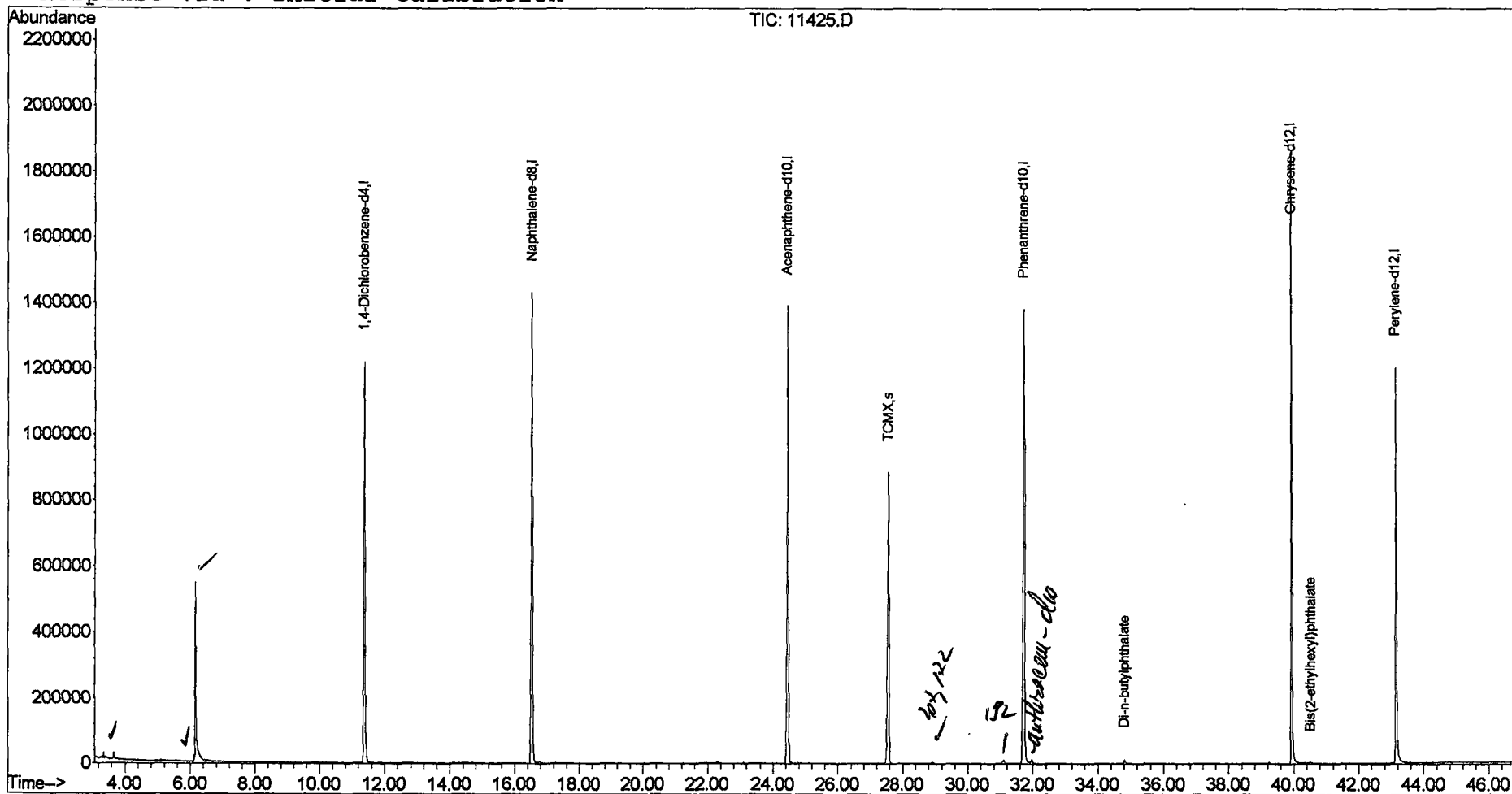
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020521\11425.D
 Acq On : 21 May 2002 6:15 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 24 9:26 2002

Vial: 11
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Results File: SCAN020521.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
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 Last Update : Fri May 24 09:17:56 2002
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020521\11425.D

Vial: 11

Acq On : 21 May 2002 6:15 pm

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)

Title : Method 508 GC/MS Scan

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 0.5 % 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

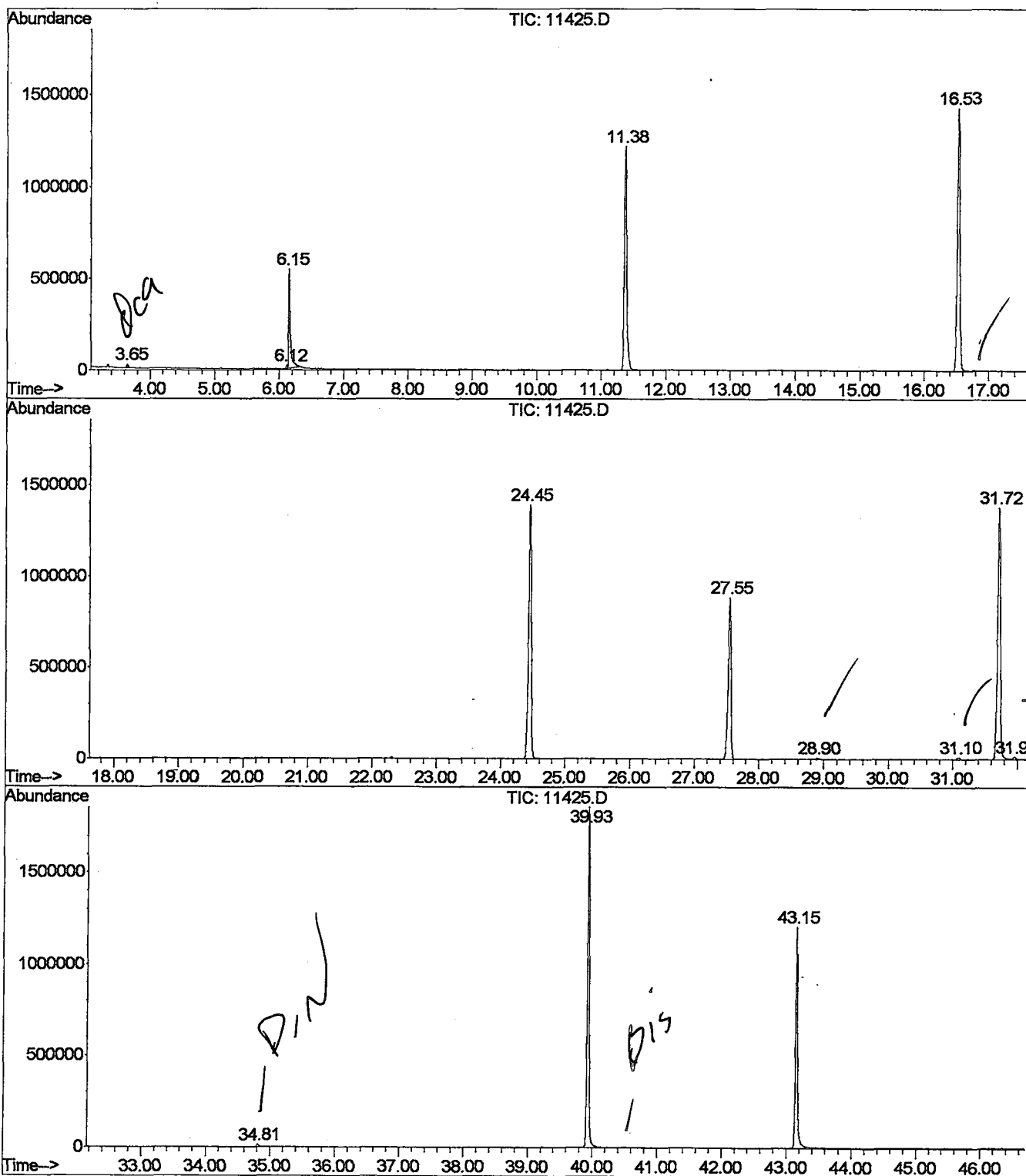
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.649	93	97	105	rVB3	20523	28509	0.66%	0.112%
2	6.123	512	518	520	rBV2	21941	35267	0.81%	0.139%
3	6.152	520	523	551	rVB	541323	1010874	23.36%	3.977%
4	11.376	1400	1412	1433	rBV	1219832	3136863	72.48%	12.341%
5	16.534	2275	2290	2310	rBV	1431056	3899854	90.10%	15.342%
6	24.455	3621	3638	3651	rBV	1392265	4047124	93.51%	15.922%
7	27.551	4144	4165	4182	rBV3	885623	2605395	60.20%	10.250%
8	28.902	4387	4395	4407	rVB8	7669	22198	0.51%	0.087%
9	31.100	4758	4769	4781	rVB3	10862	32641	0.75%	0.128%
10	31.717	4855	4874	4901	rBV3	1382473	4328161	100.00%	17.027%
11	31.964	4908	4916	4925	rVB4	12523	33541	0.77%	0.132%
12	34.807	5392	5400	5409	rBV	14624	28580	0.66%	0.112%
13	39.931	6260	6272	6297	rBV2	1857985	3693388	85.33%	14.530%
14	43.151	6808	6820	6845	rBV	1204361	2516828	58.15%	9.901%

Sum of corrected areas: 25419223

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020521\11425.D
 Operator : Nefliu
 Acquired : 21 May 2002 6:15 pm using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 11
 Quant File :SCAN020521.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11425.D

Acq On : 21 May 2002 6:15 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 11

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)

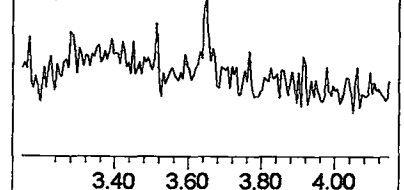
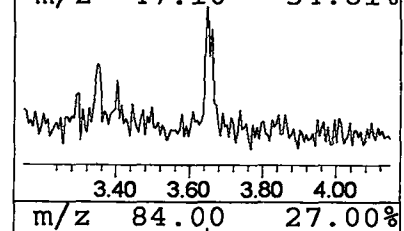
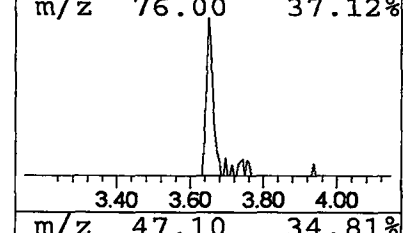
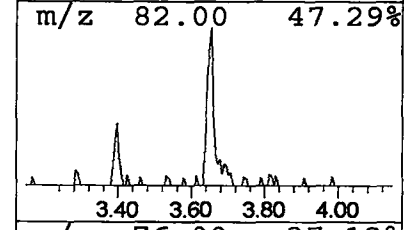
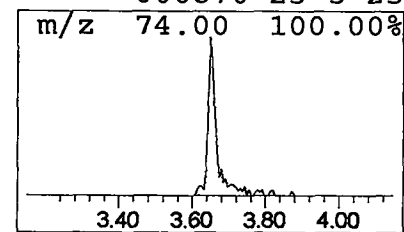
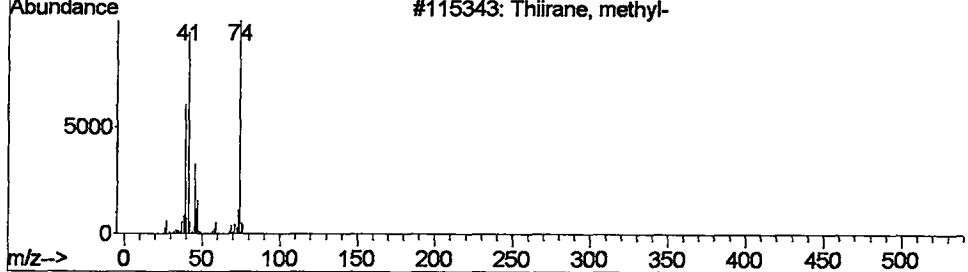
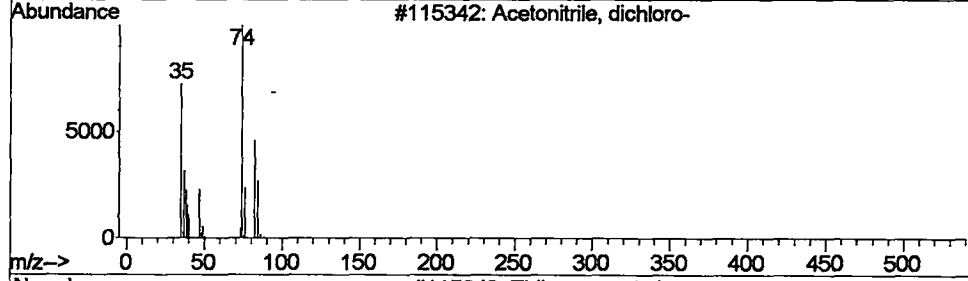
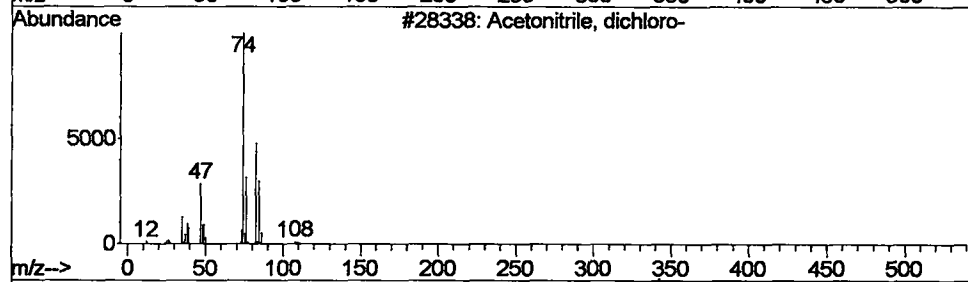
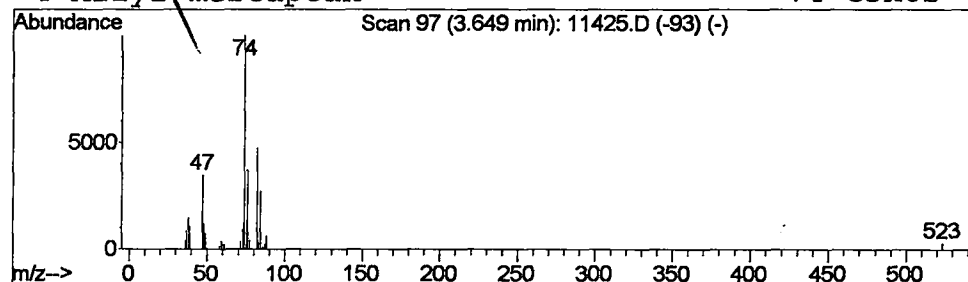
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	0.36 ug/l	28509	1,4-Dichlorobenzene-d4	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	74
2		Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	37
3		Thiirane, methyl-	74	C3H6S	001072-43-1	25
4		Allyl mercaptan	74	C3H6S	000870-23-5	25



Library Search Compound Report

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Misc :

MS Integration Params: rteint.e

Vial: 11

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)

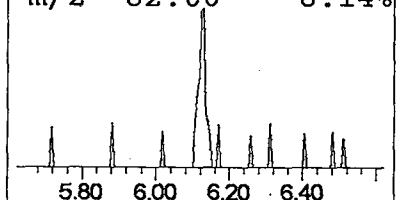
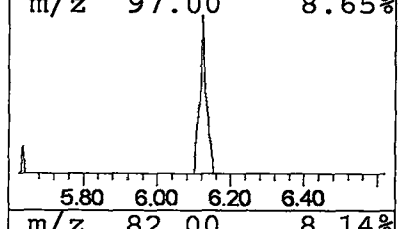
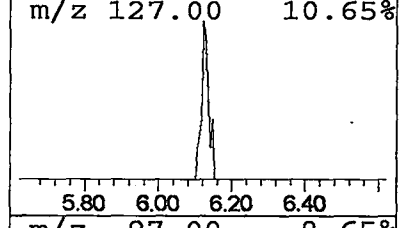
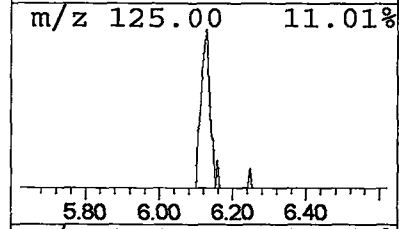
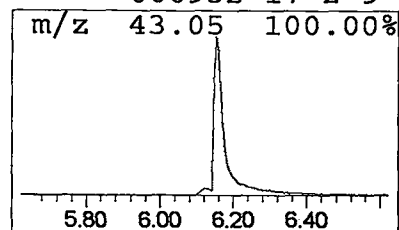
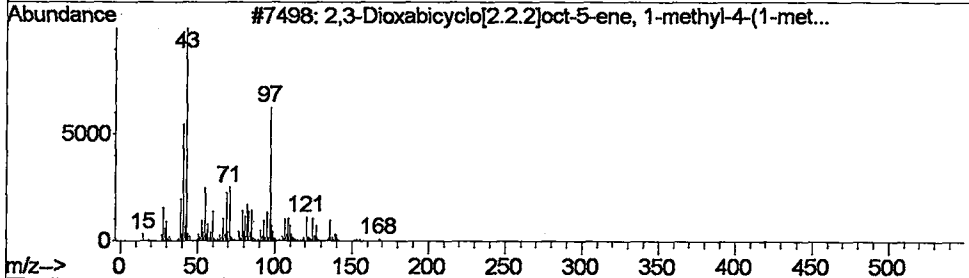
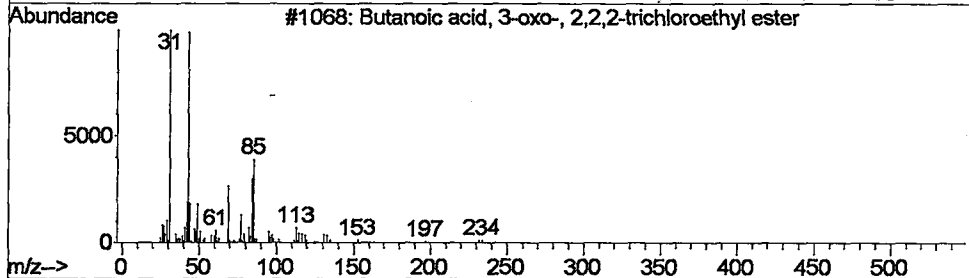
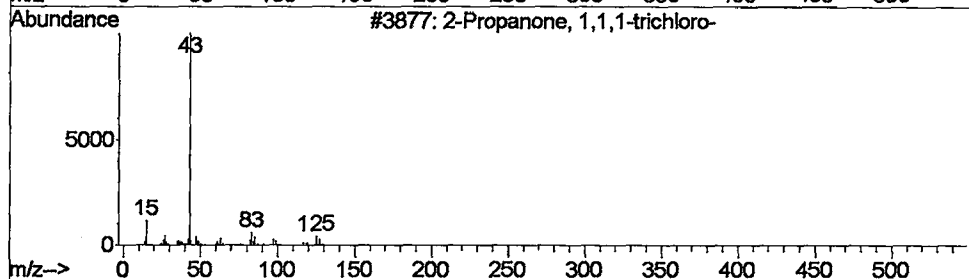
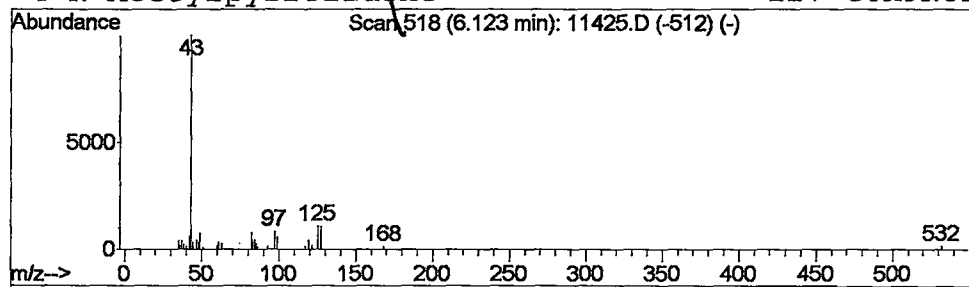
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	0.45 ug/l	35267	1,4-Dichlorobenzene-d4	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	72
2		Butanoic acid, 3-oxo-, 2,2,2-tri...	232	C6H7Cl3O3	058547-15-2	10
3		2,3-Dioxabicyclo[2.2.2]oct-5-ene...	168	C10H16O2	000512-85-6	9
4		N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	9



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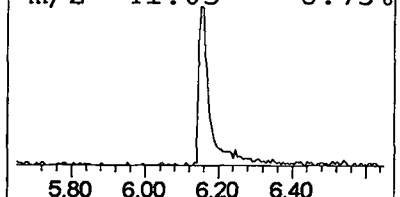
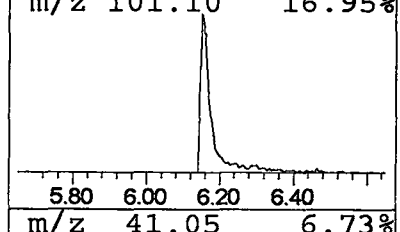
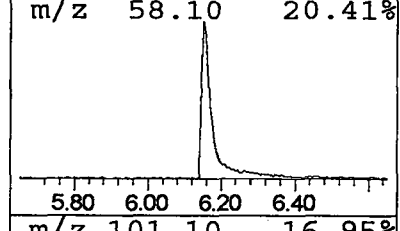
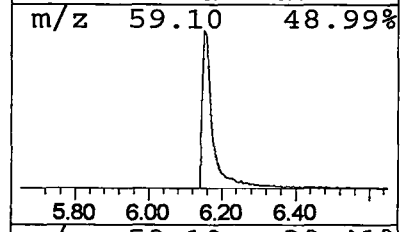
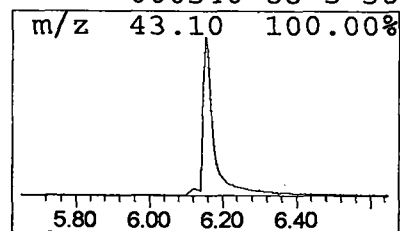
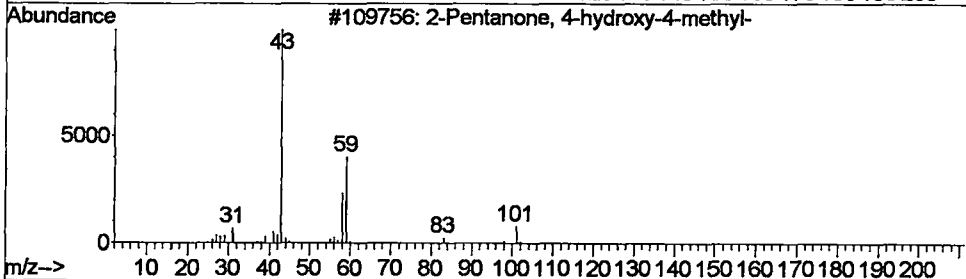
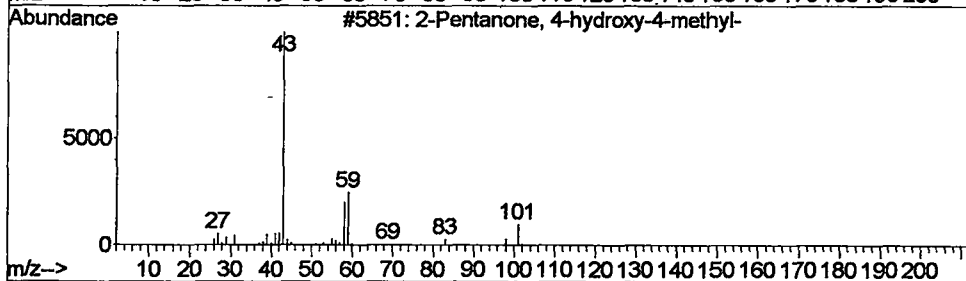
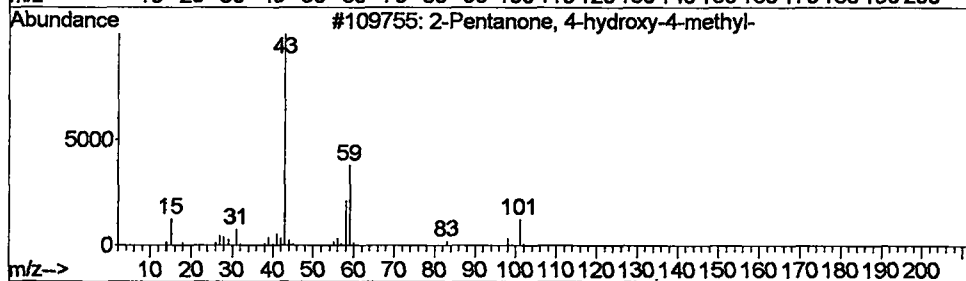
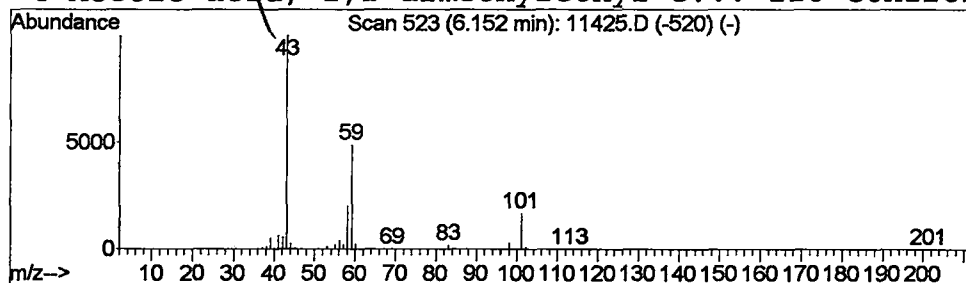
Vial: 11
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

 Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	12.89 ug/l	1010870	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	45
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36



Library Search Compound Report

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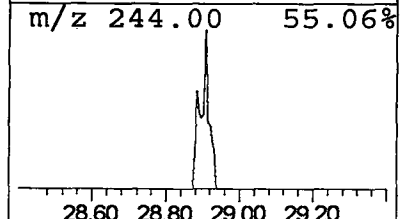
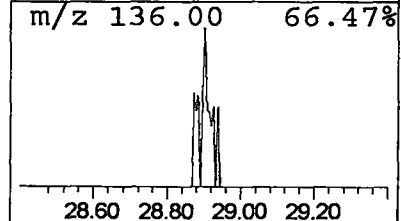
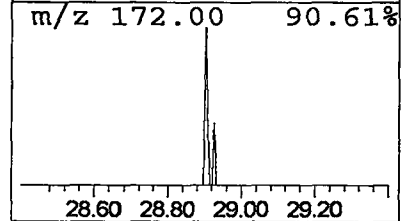
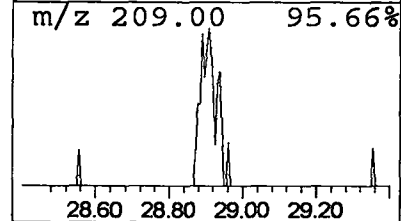
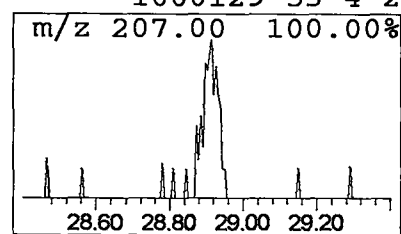
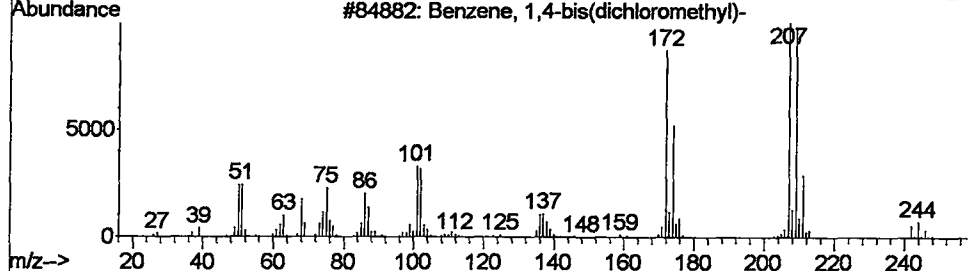
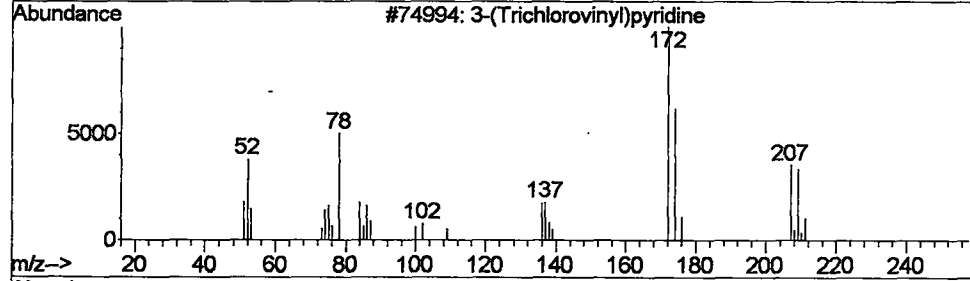
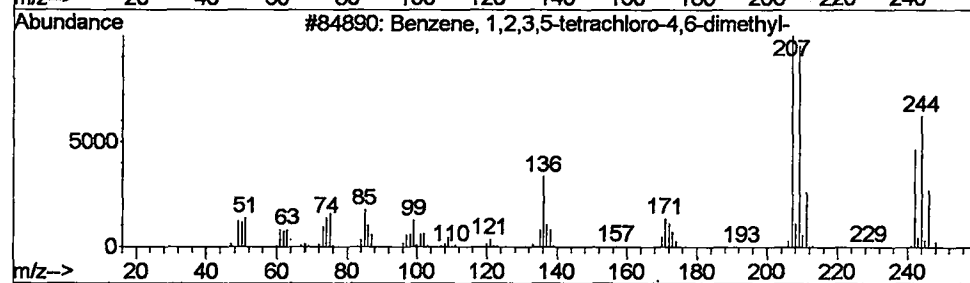
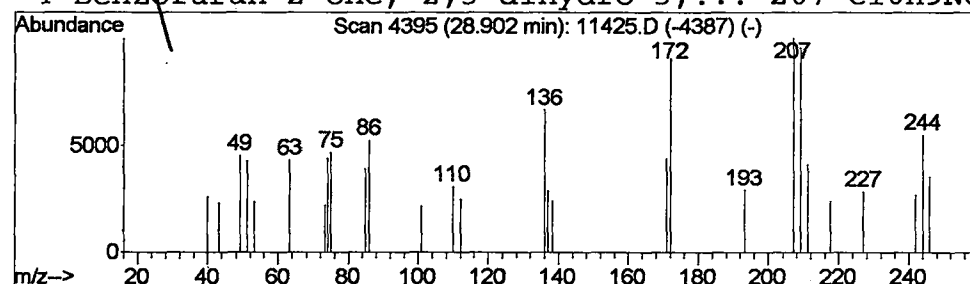
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 Operator: Nefliu
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 Peak Number 4 Benzene, 1,2,3,5-tetrachlor... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.90	0.21 ug/l	22198	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3,5-tetrachloro-4,6...	242	C8H6Cl4	000877-09-8	37
2		3-(Trichlorovinyl)pyridine	207	C7H4Cl3N	1000140-10-7	27
3		Benzene, 1,4-bis(dichloromethyl)-	242	C8H6Cl4	007398-82-5	27
4		Benzofuran-2-one, 2,3-dihydro-3,...	207	C10H9NO4	1000129-53-4	27



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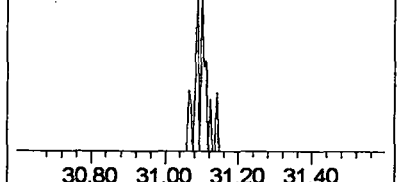
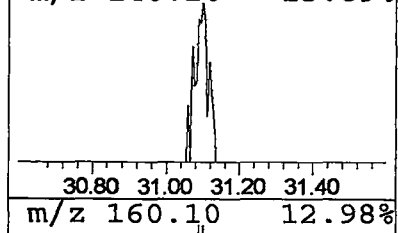
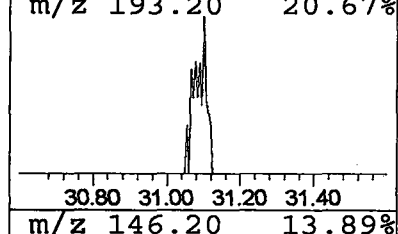
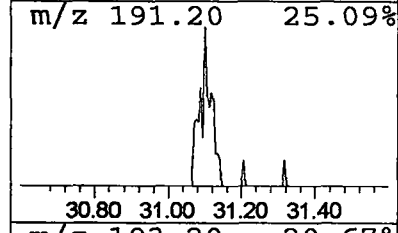
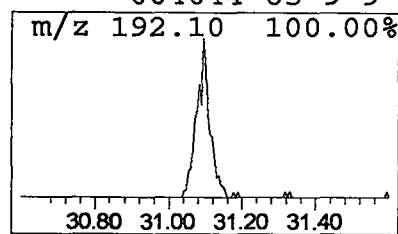
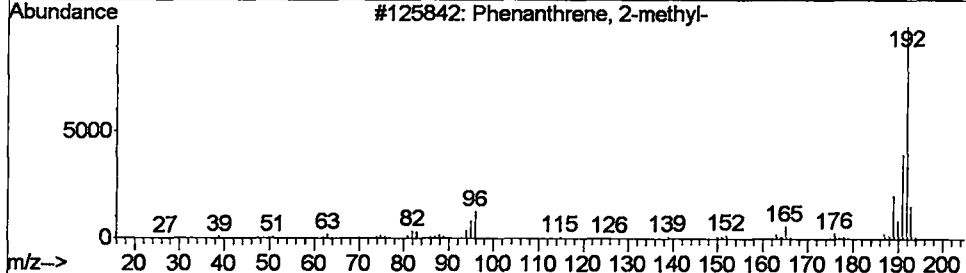
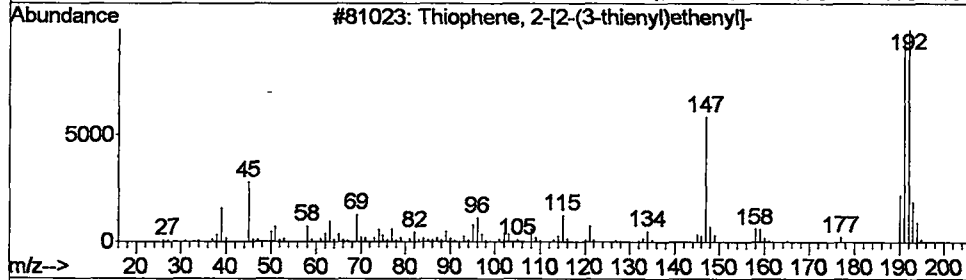
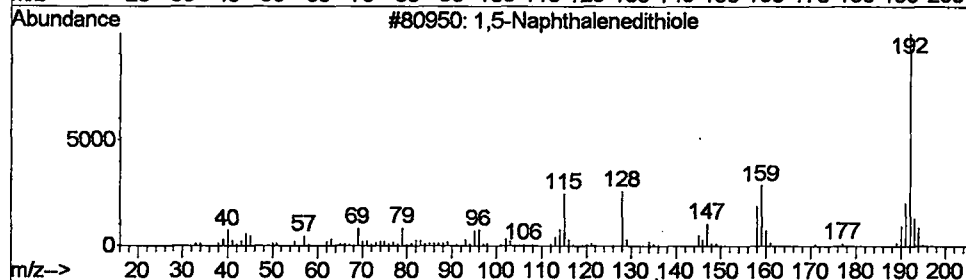
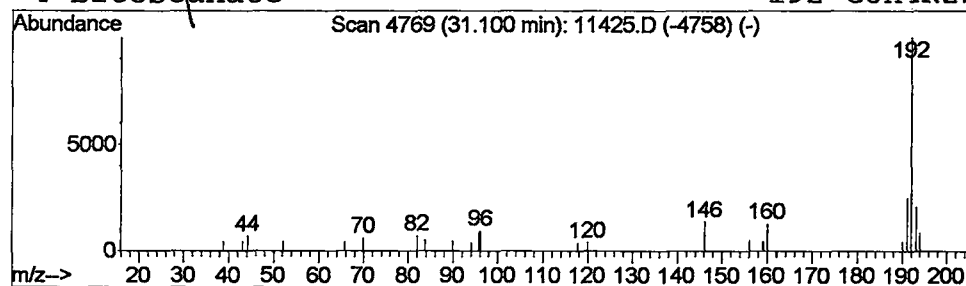
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 Peak Number 5 1,5-Naphthalenedithiolo Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.10	0.30 ug/l	32641	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Naphthalenedithiolo	192	C10H8S2	1000223-69-5	42	
2	Thiophene, 2-[2-(3-thienyl)ethen...	192	C10H8S2	116854-09-2	36	
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	33	
4	Bitoscanate	192	C8H4N2S2	004044-65-9	9	



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Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)

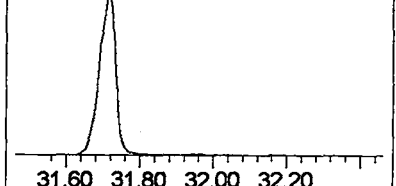
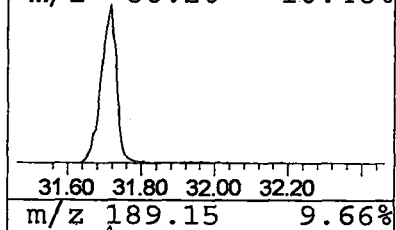
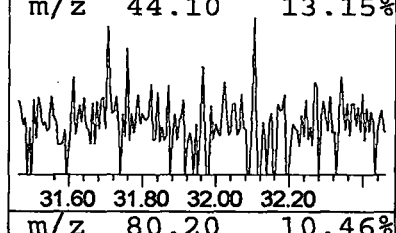
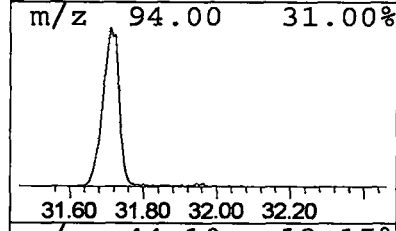
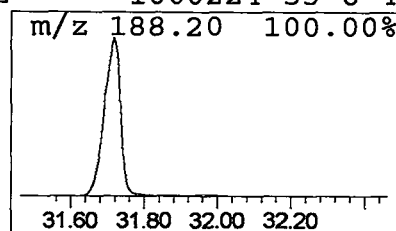
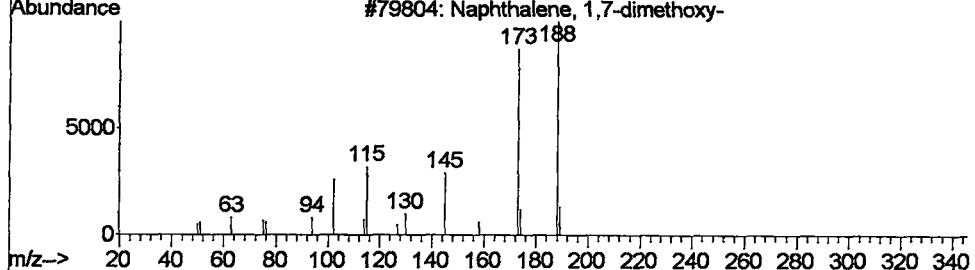
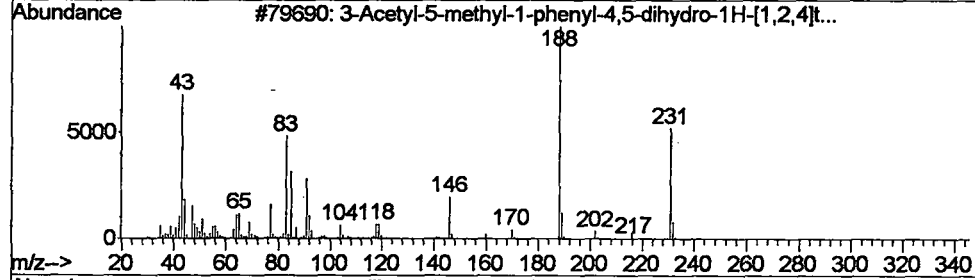
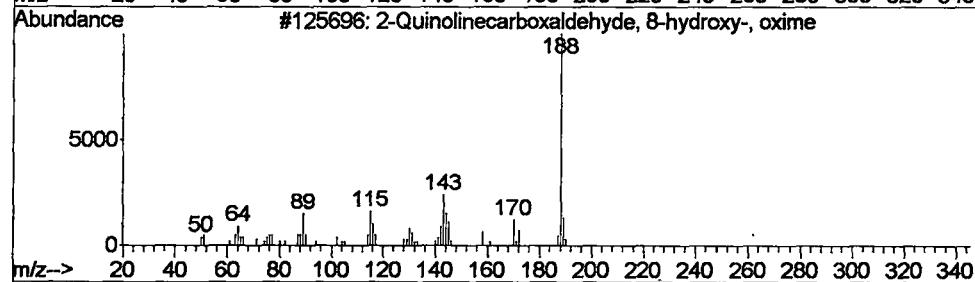
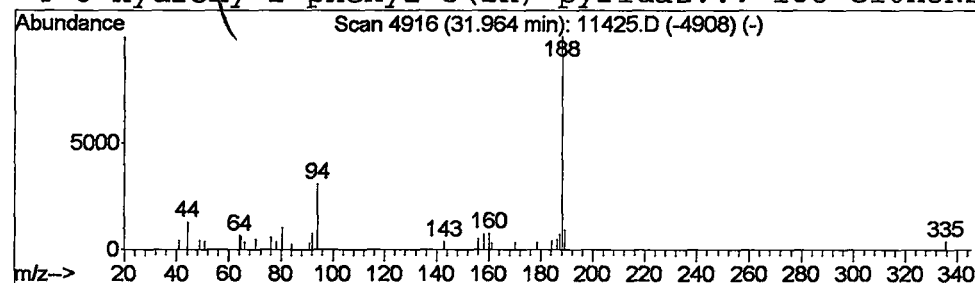
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 6 2-Quinolinecarboxaldehyde, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.31 ug/l	33541	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	50
2		3-Acetyl-5-methyl-1-phenyl-4,5-d...	231	C12H13N3O2	1000210-22-7	50
3		Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	47
4		6-Hydroxy-2-phenyl-3(2H)-pyridaz...	188	C10H8N2O2	1000224-53-6	40



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 21 May 2002 6:15 pm
Data File: C:\MSDCHEM\1\DATA\020521\11425.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020521.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
- Acetonitrile, dic...	3.65	0.4	ug/l	28509	1	11.38	3136860	40.0
- 2-Propanone, 1,1,...	6.12	0.4	ug/l	35267	1	11.38	3136860	40.0
- 2-Pentanone, 4-hy...	6.15	12.9	ug/l	1010870	1	11.38	3136860	40.0
Benzene, 1,2,3,5-...	28.90	0.2	ug/l	22198	4	31.72	4328160	40.0
1,5-Naphthalenedi...	31.10	0.3	ug/l	32641	4	31.72	4328160	40.0
2-Quinolinecarbox...	31.96	0.3	ug/l	33541	4	31.72	4328160	40.0

Anthracene-d10