User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/03/2002 Time: 12:00:56

Sample: AE06406
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/3/02 12:00 Ended: 5/3/02 12:00 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Comments for Sample AE06406 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-03-2002 Time: 12:06:08

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The Surrogate Standard recovery for this sample was below 70%. There was no additional sample available to re-extract. There will be no charge for this analysis.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020409\6406.D Vial: 10
Acq On : 9 Apr 2002 11:32 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 26 13:33:12 2002 Quant Results File: SCANAPR0902.R

Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Fri Apr 26 13:24:19 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

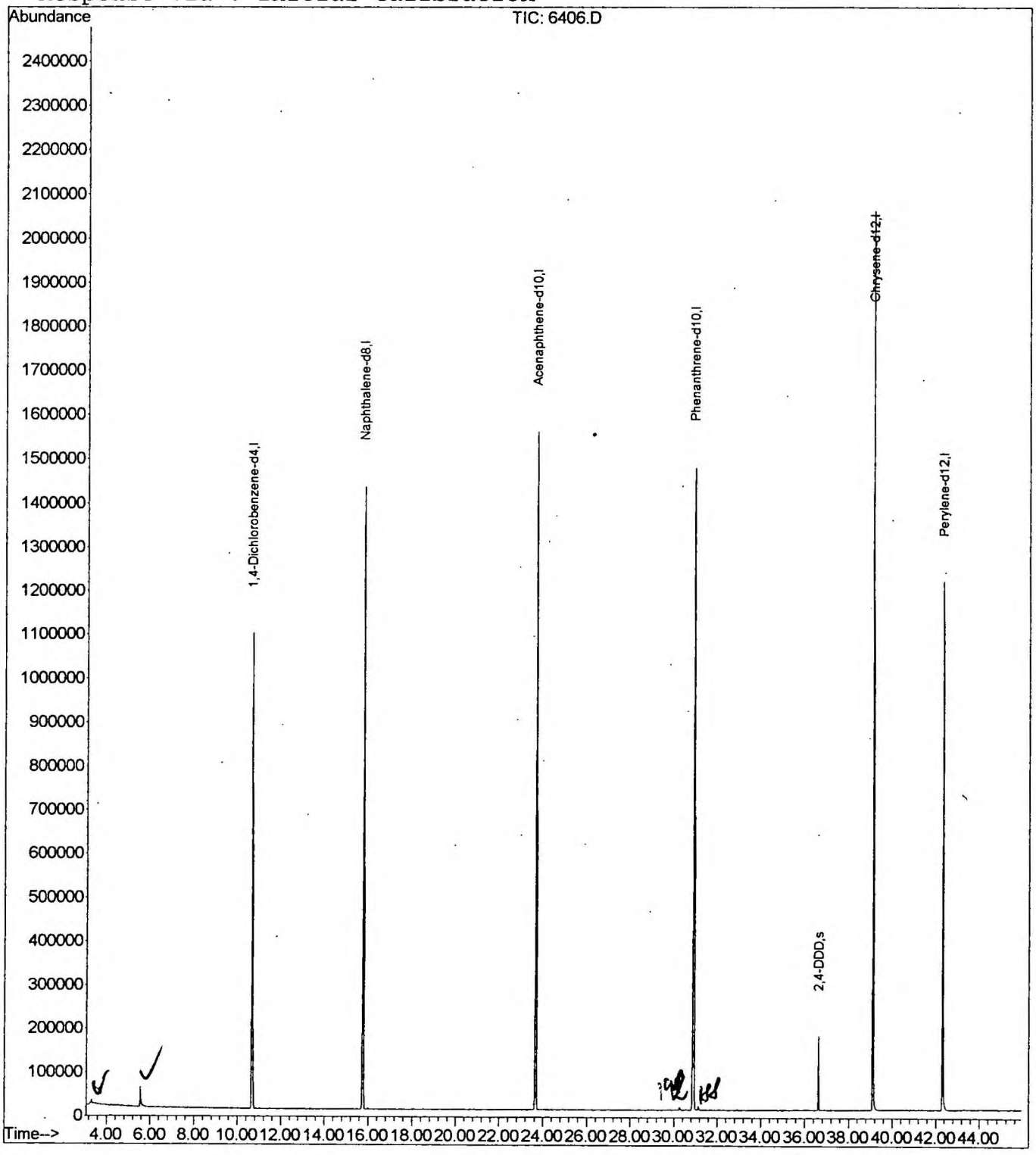
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.67	152	5134464	40.00	ug/l	0.00
10) Naphthalene-d8	15.78	136	19219617	40.00	ug/l	0.00
17) Acenaphthene-d10	23.67	164	10998164	40.00	ug/l	0.00
30) Phenanthrene-d10	30.91	188	17775500	40.00	ug/l	0.00
38) Chrysene-d12	39.11	240	14536256	40.00	ug/l	0.00
44) Perylene-d12	42.31	264	7271913	40.00	ug/l	0.00
System Monitoring Compounds						
27) TCMX	0.00	207	0	0.00	ug/l	
Spiked Amount 4.000			Recovery =	0.00%		
37) 2,4-DDD	36.62	235	570878	2.55	ug/ml	0.00
Spiked Amount ~~4.000~~ 5			Recovery =	~~63.75%~~ 51% (ar		
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
6406.D SCANAPR0902.M Thu May 02 15:08:54 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020409\6406.D Vial: 10
Acq On : 9 Apr 2002 11:32 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 2 15:08 2002 Quant Results File: SCANAPR090

Method : C:\MSDCHEM\1\METHODS\SCANAPR0902.M (Chemstation Integrator
Title : Method 508 GC/MS Scan
Last Update : Mon Apr 15 14:13:03 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020409\6406.D
Acq On : 9 Apr 2002 11:32 pm
Sample : 3/18
Misc :
MS Integration Params: LSCINT.e

Vial: 10
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan

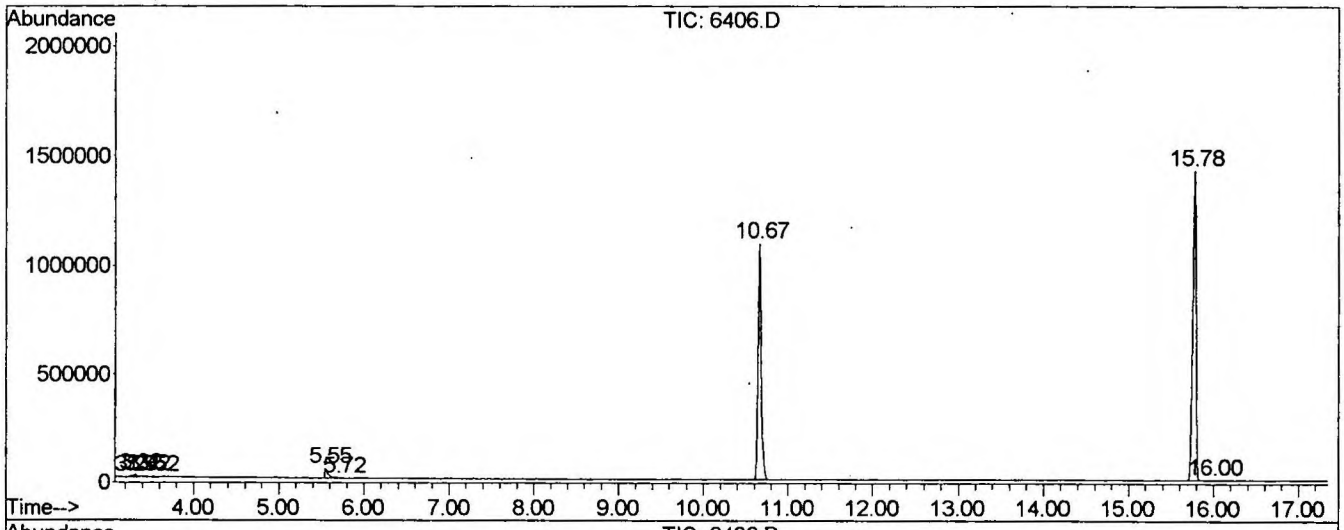
Signal : TIC

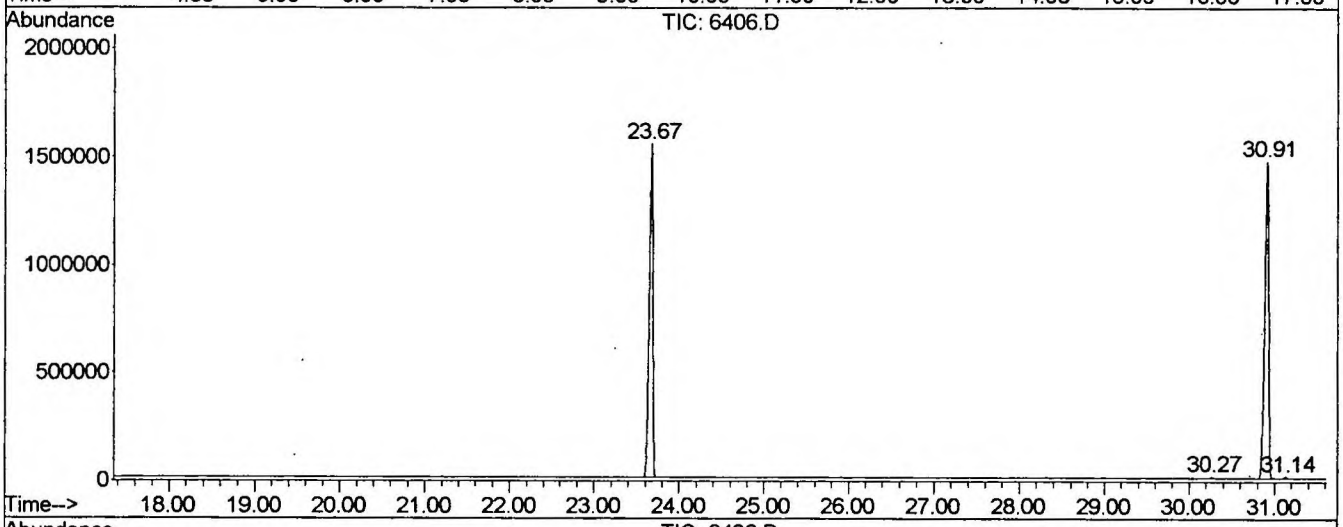
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.267	20	32	34	PV 3	4599	119609	0.26%	0.053%
2	3.320	34	41	47	VV 3	12061	320806	0.70%	0.141%
3	3.361	47	48	50	VV 2	4754	50180	0.11%	0.022%
4	3.420	54	58	68	VV 3	5041	202926	0.44%	0.089%
5	3.520	71	75	88	VV 4	4695	189677	0.41%	0.083%
6	5.553	416	421	447	PV	45712	1172925	2.54%	0.515%
7	5.717	447	449	457	VV 3	1689	31678	0.07%	0.014%
8	10.665	1273	1291	1310	VV	1075619	28791453	62.41%	12.638%
9	15.782	2147	2162	2175	PV	1425867	37656698	81.63%	16.530%
10	16.000	2192	2199	2206	PV 2	2580	51276	0.11%	0.023%
11	23.673	3488	3505	3516	PV	1532524	44365078	96.17%	19.475%
12	30.265	4617	4627	4638	PV 4	6993	176320	0.38%	0.077%
13	30.912	4719	4737	4755	VV 2	1455026	46131675	100.00%	20.250%
14	31.135	4764	4775	4786	VV 3	8806	223997	0.49%	0.098%
15	36.623	5701	5709	5717	PV	168668	2649351	5.74%	1.163%
16	39.108	6117	6132	6160	PV	2081361	41556847	90.08%	18.242%
17	42.310	6664	6677	6702	PV	1209109	24111682	52.27%	10.584%
18	42.469	6702	6704	6706	VV	1198	8380	0.02%	0.004%

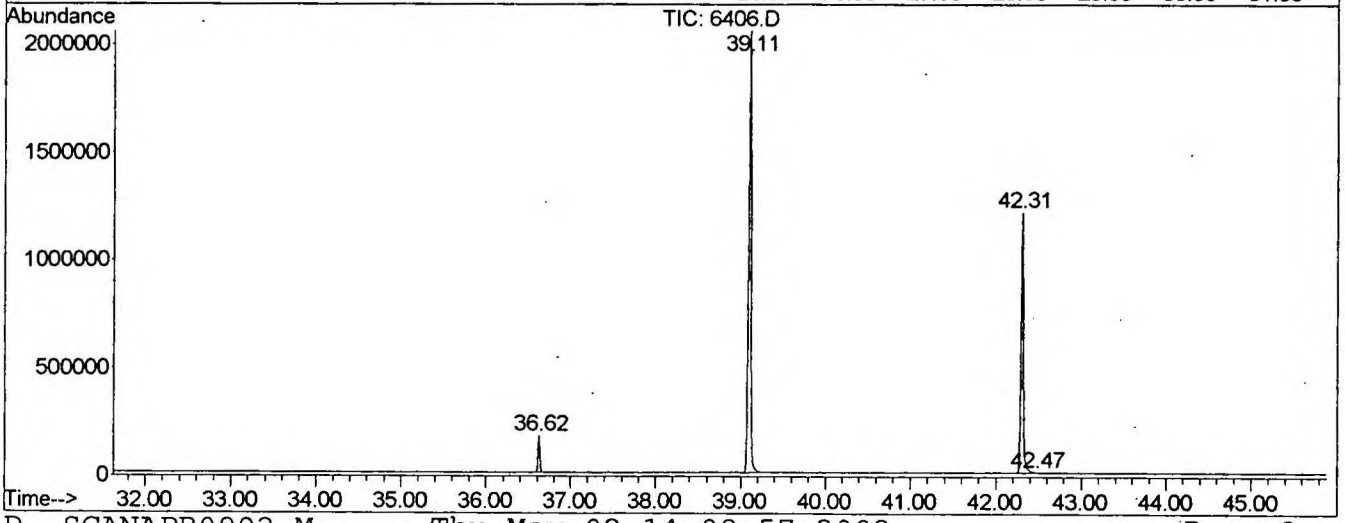
Sum of corrected areas: 227810560

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020409\6406.D
Operator : McLean
Acquired : 9 Apr 2002 11:32 pm using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: 3/18
Misc Info :
Vial Number: 10
Quant File :SCANAPR0902.RES (Chemstation Integrator)







Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020409\6406.D
Acq On : 9 Apr 2002 11:32 pm
Sample : 3/18
Misc :
MS Integration Params: LSCINT.e

Vial: 10
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

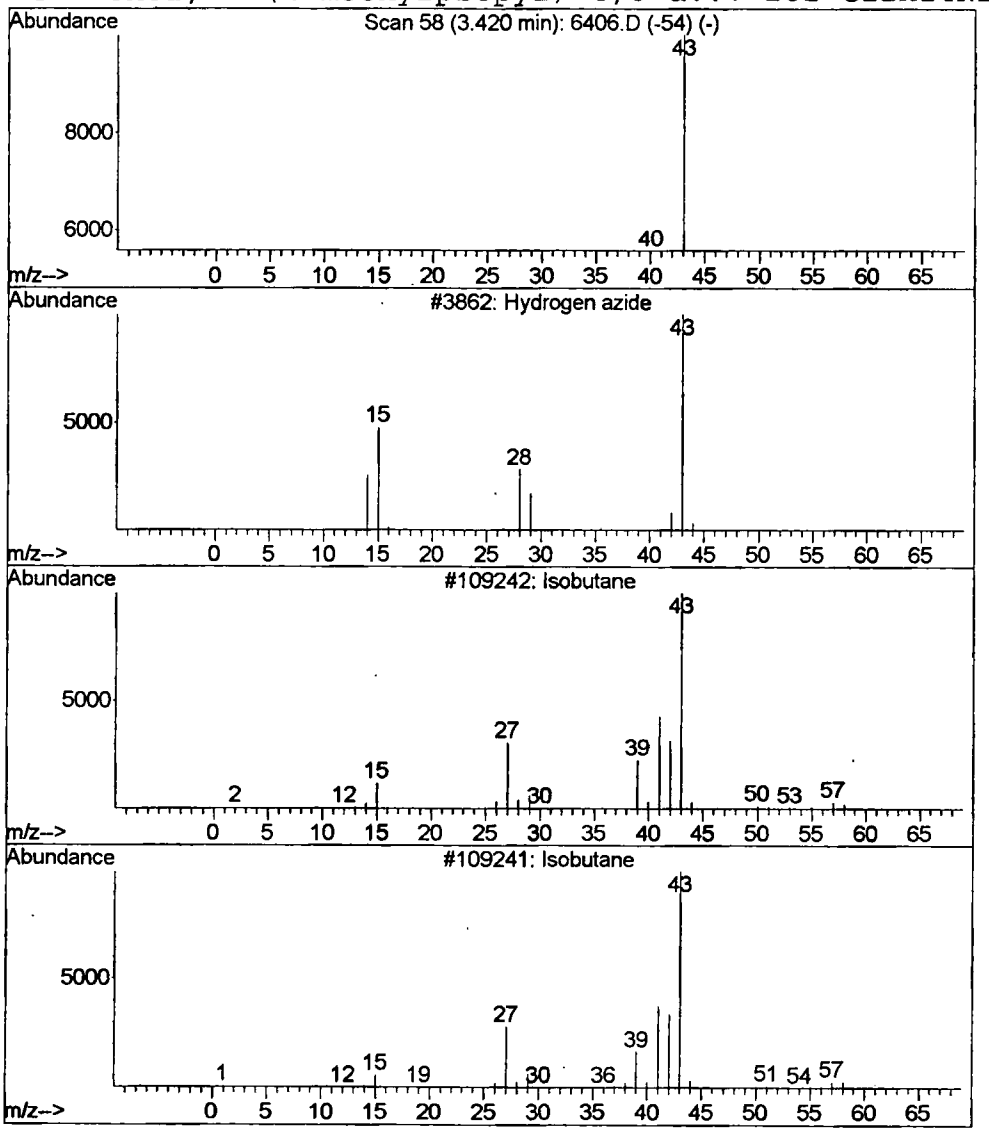
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

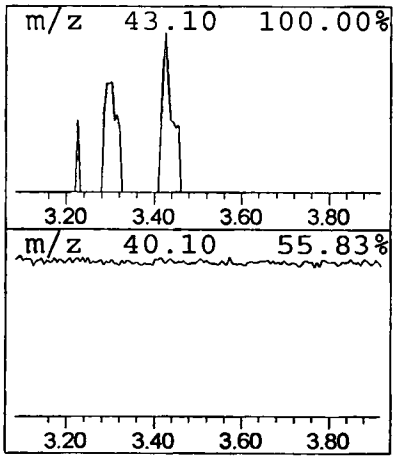
****

Peak Number 1 Hydrogen azide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.42	0.28 ug/l	202926	1,4-Dichlorobenzene-d4	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrogen azide	43	HN3	007782-79-8	1
2	Isobutane	58	C4H10	000075-28-5	1
3	Isobutane	58	C4H10	000075-28-5	1
4	Phenol, 2-(1-methylpropyl)-4,6-d...	282	C12H14N2O6	002813-95-8	1





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020409\6406.D
Acq On : 9 Apr 2002 11:32 pm
Sample : 3/18
Misc :
MS Integration Params: LSCINT.e

Vial: 10
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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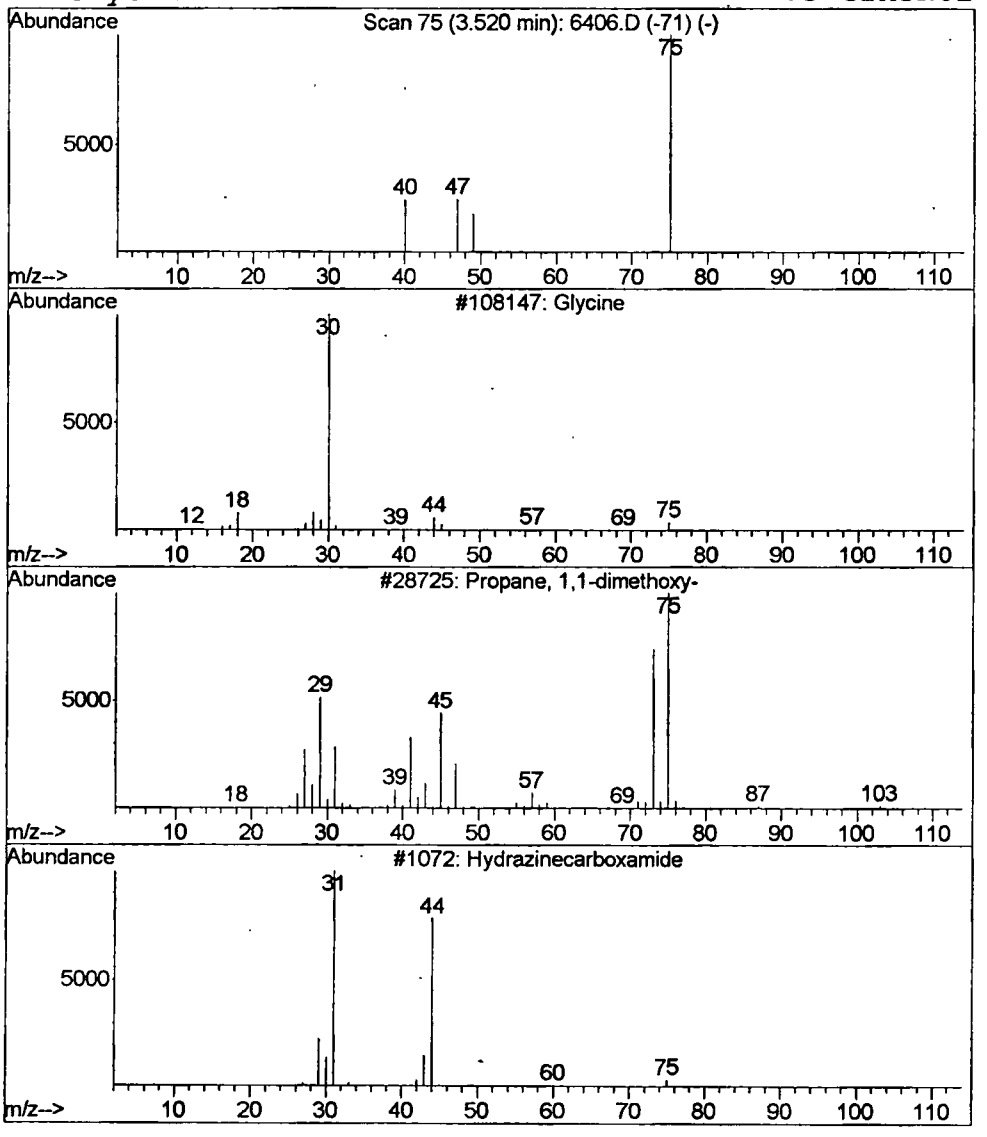
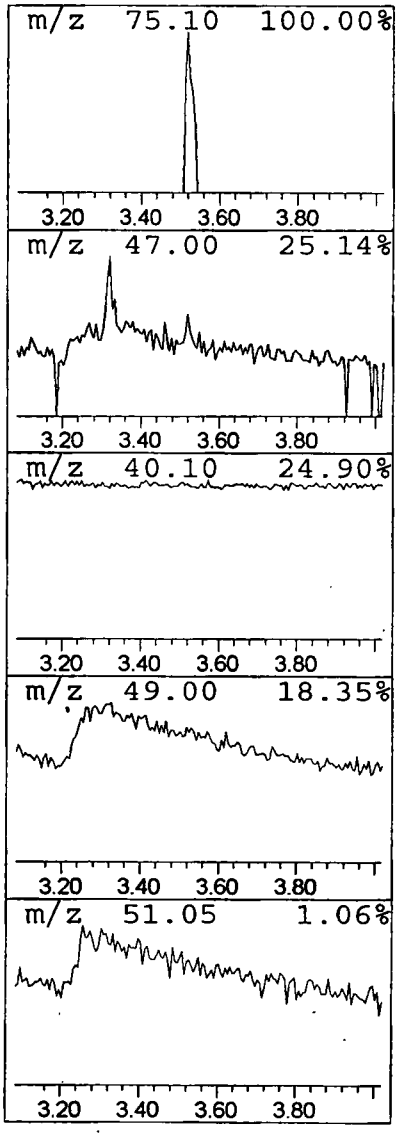
Peak Number 2 Glycine — Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.52	0.26 ug/l	189677	1,4-Dichlorobenzene-d4	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glycine	75	C2H5NO2	000056-40-6	2
2	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	2
3	Hydrazinecarboxamide	75	CH5N3O	000057-56-7	1
4	Glycine	75	C2H5NO2	000056-40-6	1





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020409\6406.D Vial: 10
Acq On : 9 Apr 2002 11:32 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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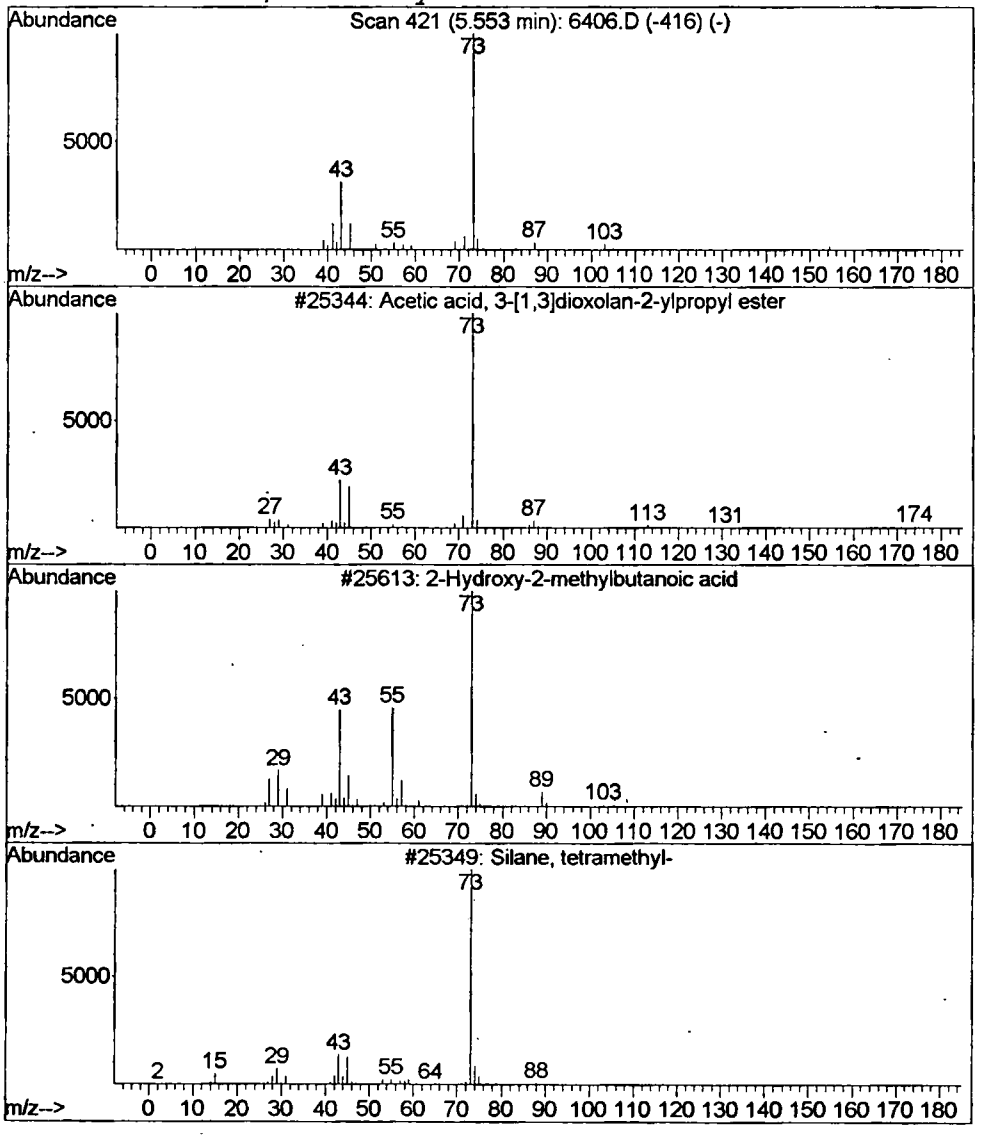
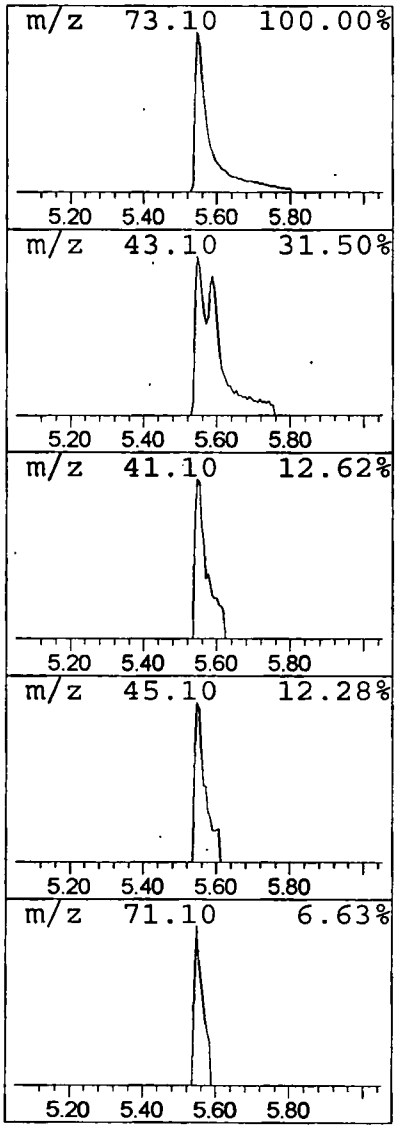
Peak Number 3 Acetic acid, 3-[1,3]dioxola... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	1.63 ug/l	1172920	1,4-Dichlorobenzene-d4	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	45
2	2-Hydroxy-2-methylbutanoic acid	118	C5H10O3	1000196-27-1	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 9 Apr 2002 11:32 pm
Data File: C:\MSDCHEM\1\DATA\020409\6406.D
Name: 3/18
Misc:
Method: C:\MSDCHEM\1\METHODS\SCANAPR0902.M (Chemstation Integrator)
Title: Method 508 GC/MS Scan
Library Searched: C:\DATABASE\nist98.l

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
~~Hydrogen azide~~	3.42	0.3	ug/l	202926	1	10.67	28791500	40.0
~~Glycine~~	3.52	0.3	ug/l	189677	1	10.67	28791500	40.0
~~Acetic acid~~, 3-[1...	5.55	1.6	ug/l	1172920	1	10.67	28791500	40.0