User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/09/2002 Time: 09:46:38

Sample: AE07628
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/9/02 09:46 Ended: 4/9/02 09:46 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		89		5.0

Comments for Sample AE07628 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-09-2002 Time: 09:46:58

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\020403\07628.D Vial: 19
Acq On : 4 Apr 2002 1:43 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 04 08:15:16 2002 Quant Results File: SCAN020403.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu Apr 04 08:10:12 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

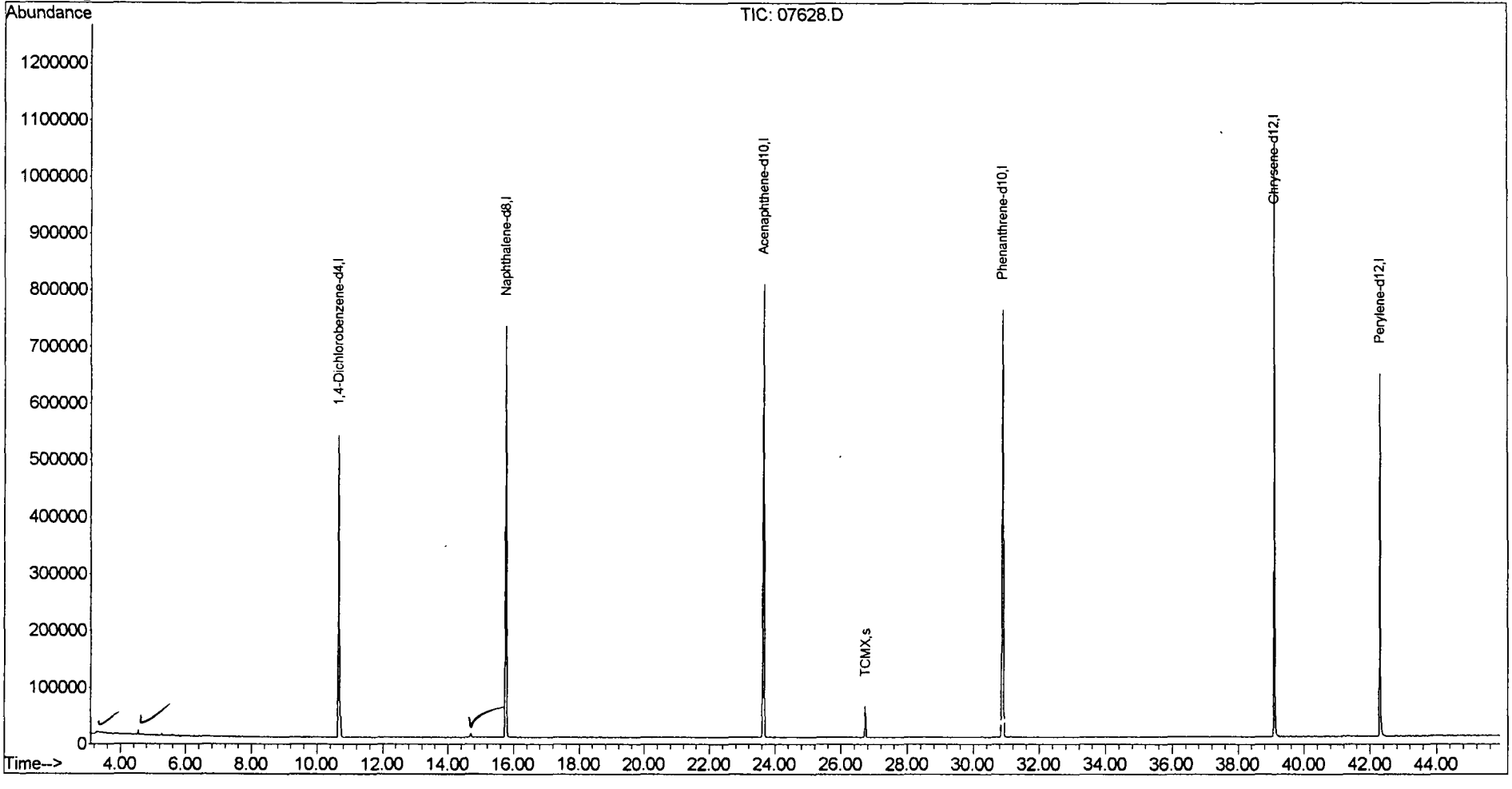
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.66	152	2543269	20.00	ug/l	0.00
10) Naphthalene-d8	15.77	136	9276148	20.00	ug/l	0.00
17) Acenaphthene-d10	23.66	164	5338604	20.00	ug/l	-0.01
31) Phenanthrene-d10	30.89	188	8695779	20.00	ug/l	0.00
39) Chrysene-d12	39.09	240	6700530	20.00	ug/l	-0.02
45) Perylene-d12	42.30	264	3456595	20.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	26.72	207	186265	3.57	ug/l	0.00
Spiked Amount 5.000			Recovery = 71.40%			
4.0			89			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
07628.D SCAN020403.M Thu Apr 04 10:36:13 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020403\07628.D Vial: 19
Acq On : 4 Apr 2002 1:43 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 4 10:36 2002 Quant Results File: SCAN020403.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu Apr 04 08:40:00 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020403\07628.D Vial: 19
Acq On : 4 Apr 2002 1:43 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan

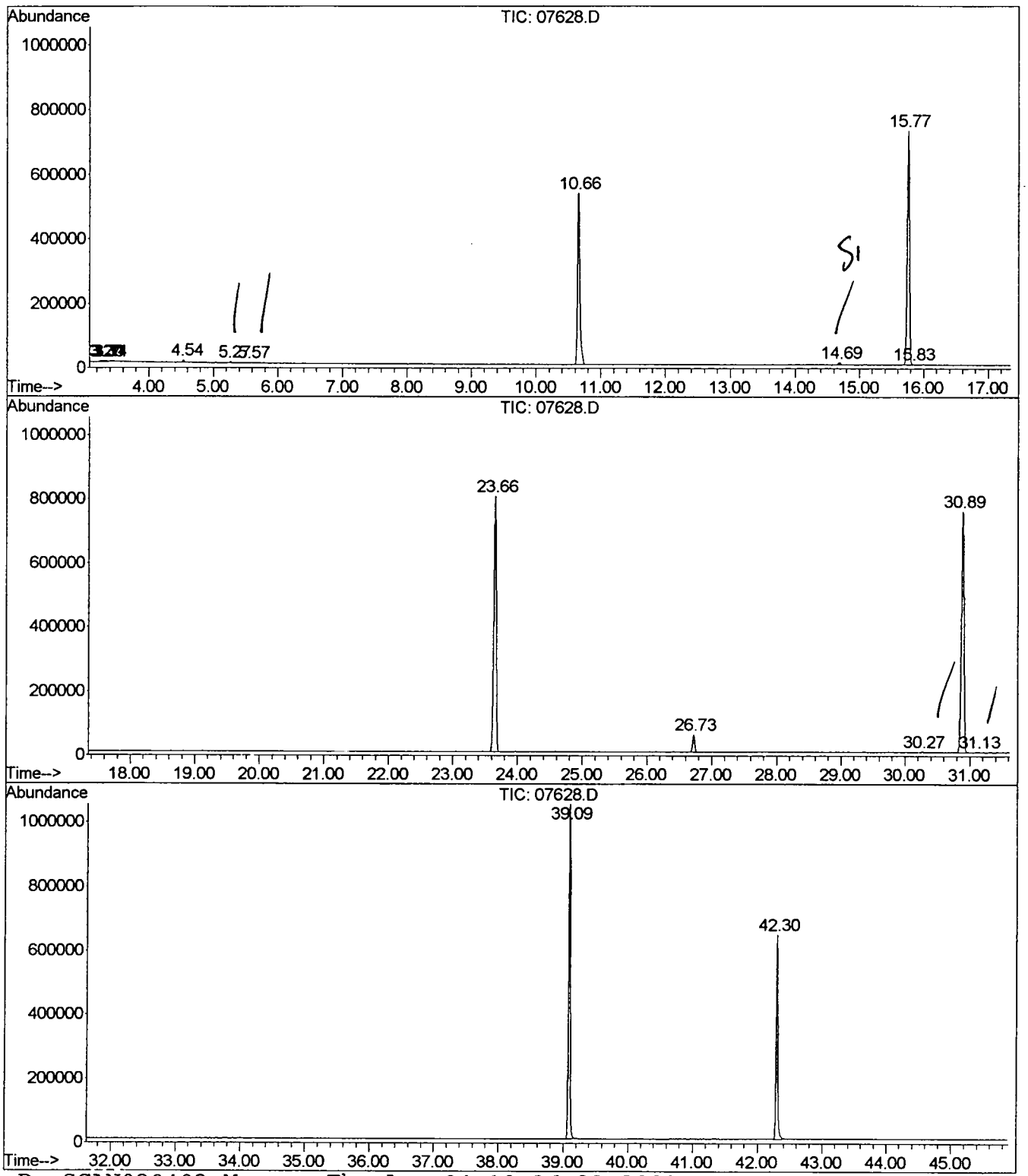
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.267	21	32	34	PV 3	3681	92108	0.43%	0.088%
2	3.297	34	37	39	VV 2	4028	63174	0.30%	0.061%
3	3.314	39	40	43	VV 2	3988	63538	0.30%	0.061%
4	3.344	43	45	51	VV 3	3765	90339	0.42%	0.087%
5	4.536	242	248	256	VV 2	8351	138260	0.65%	0.133%
6	5.271	362	373	377	VV 4	4402	65693	0.31%	0.063%
7	5.570	421	424	428	PV 2	2017	27062	0.13%	0.026%
8	10.659	1279	1290	1309	PV	525040	13205433	62.11%	12.665%
9	14.689	1967	1976	1987	VV 3	6764	180235	0.85%	0.173%
10	15.764	2146	2159	2169	VV	715641	17441621	82.04%	16.728%
11	15.829	2169	2170	2178	VV 2	2178	40555	0.19%	0.039%
12	23.655	3477	3502	3517	PV	782993	20593223	96.86%	19.751%
13	26.722	4016	4024	4033	VV 2	52805	1171907	5.51%	1.124%
14	30.271	4621	4628	4638	VV 2	2378	62833	0.30%	0.060%
15	30.894	4713	4734	4751	PV 2	750877	21260418	100.00%	20.391%
16	31.129	4765	4774	4780	PV 2	1887	57212	0.27%	0.055%
17	39.091	6120	6129	6147	PV 2	1025466	18479666	86.92%	17.724%
18	42.299	6665	6675	6704	PV	636156	11231020	52.83%	10.772%

Sum of corrected areas: 104264299

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020403\07628.D
Operator : Nefliu
Acquired : 4 Apr 2002 1:43 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 19
Quant File :SCAN020403.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020403\07628.D Vial: 19
Acq On : 4 Apr 2002 1:43 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

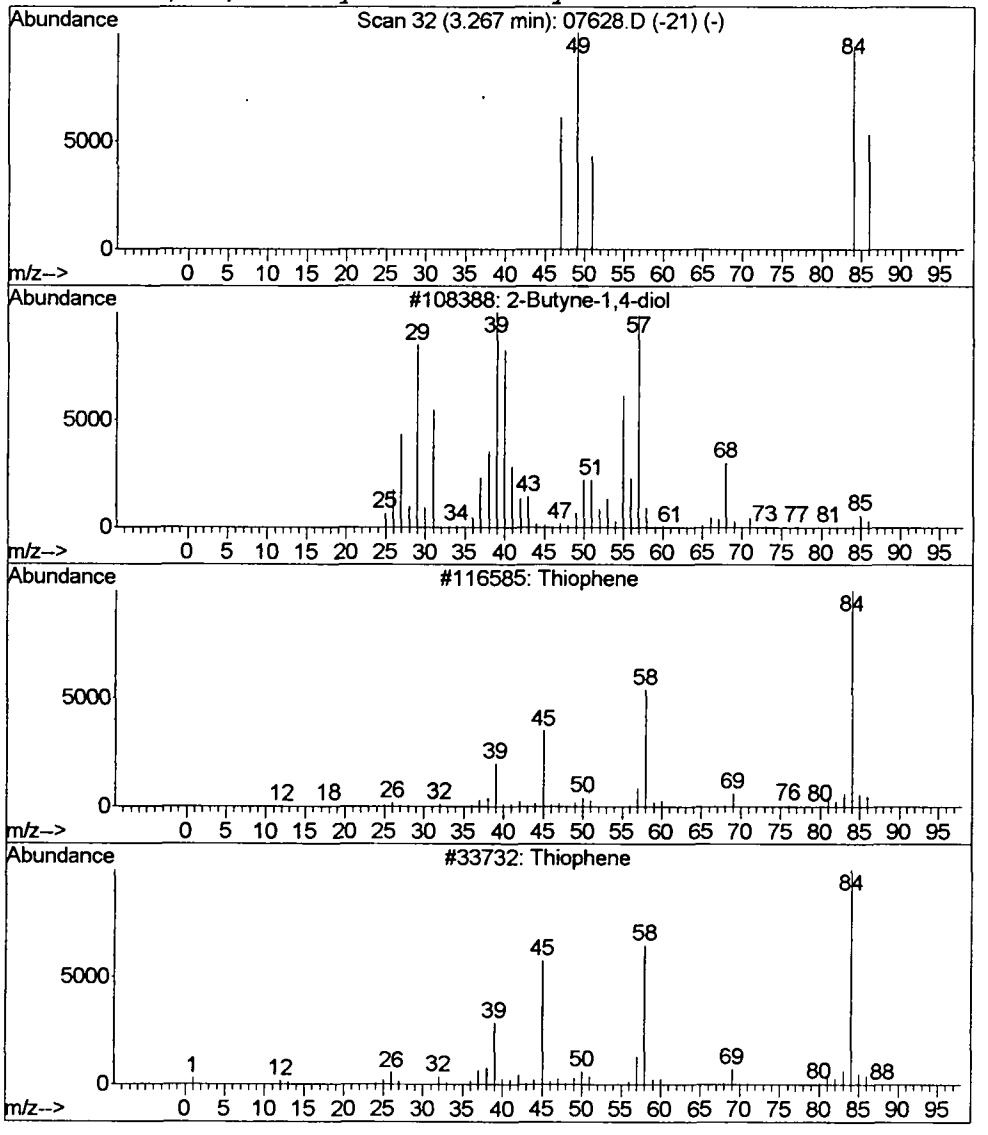
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

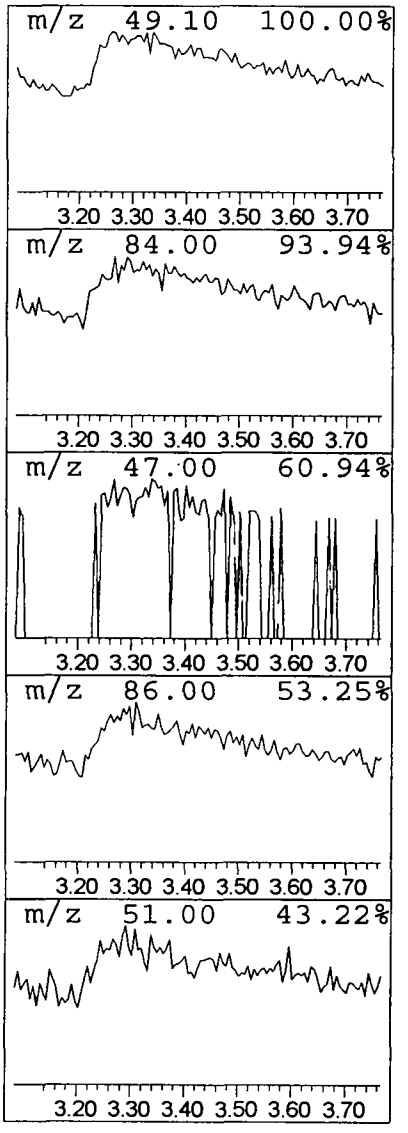
****

Peak Number 1 2-Butyne-1,4-diol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	0.14 ug/l	92108	1,4-Dichlorobenzene-d4	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyne-1,4-diol	86	C4H6O2	000110-65-6	3
2	Thiophene	84	C4H4S	000110-02-1	2
3	Thiophene	84	C4H4S	000110-02-1	2
4	Furan, 2,5-dihydro-3-methyl-	84	C5H8O	001708-31-2	2





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020403\07628.D Vial: 19
Acq On : 4 Apr 2002 1:43 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

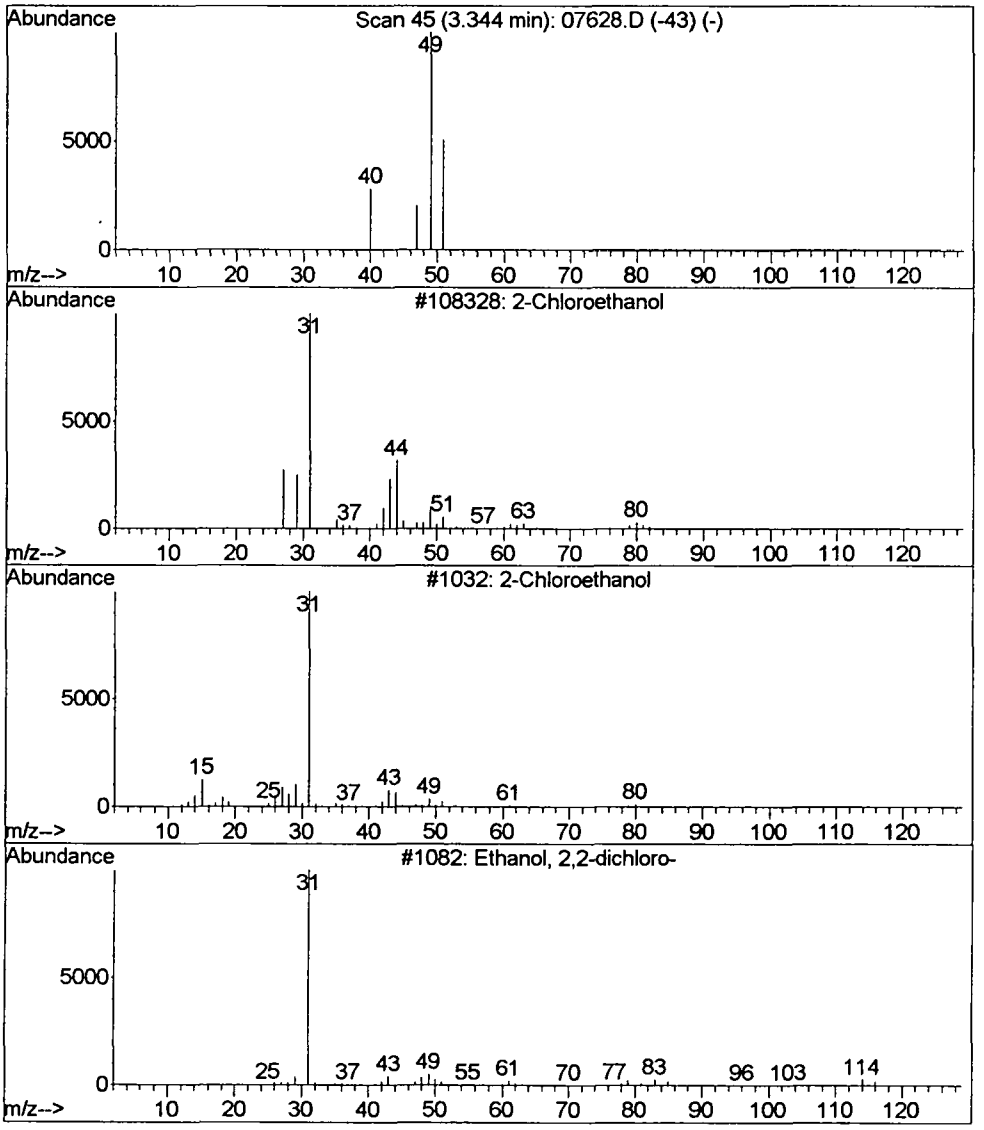
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

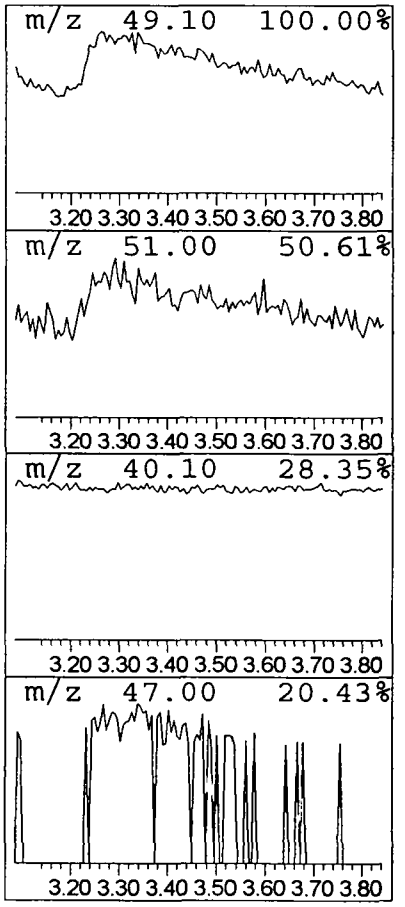
****

Peak Number 2 2-Chloroethanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.34	0.14 ug/l	90339	1,4-Dichlorobenzene-d4	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloroethanol	80	C2H5ClO	000107-07-3	2
2	2-Chloroethanol	80	C2H5ClO	000107-07-3	2
3	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	1
4	2-Chloroethanol	80	C2H5ClO	000107-07-3	1





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020403\07628.D
Acq On : 4 Apr 2002 1:43 am
Sample : sample
Misc :
MS Integration Params: LSCINT.e

Vial: 19
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

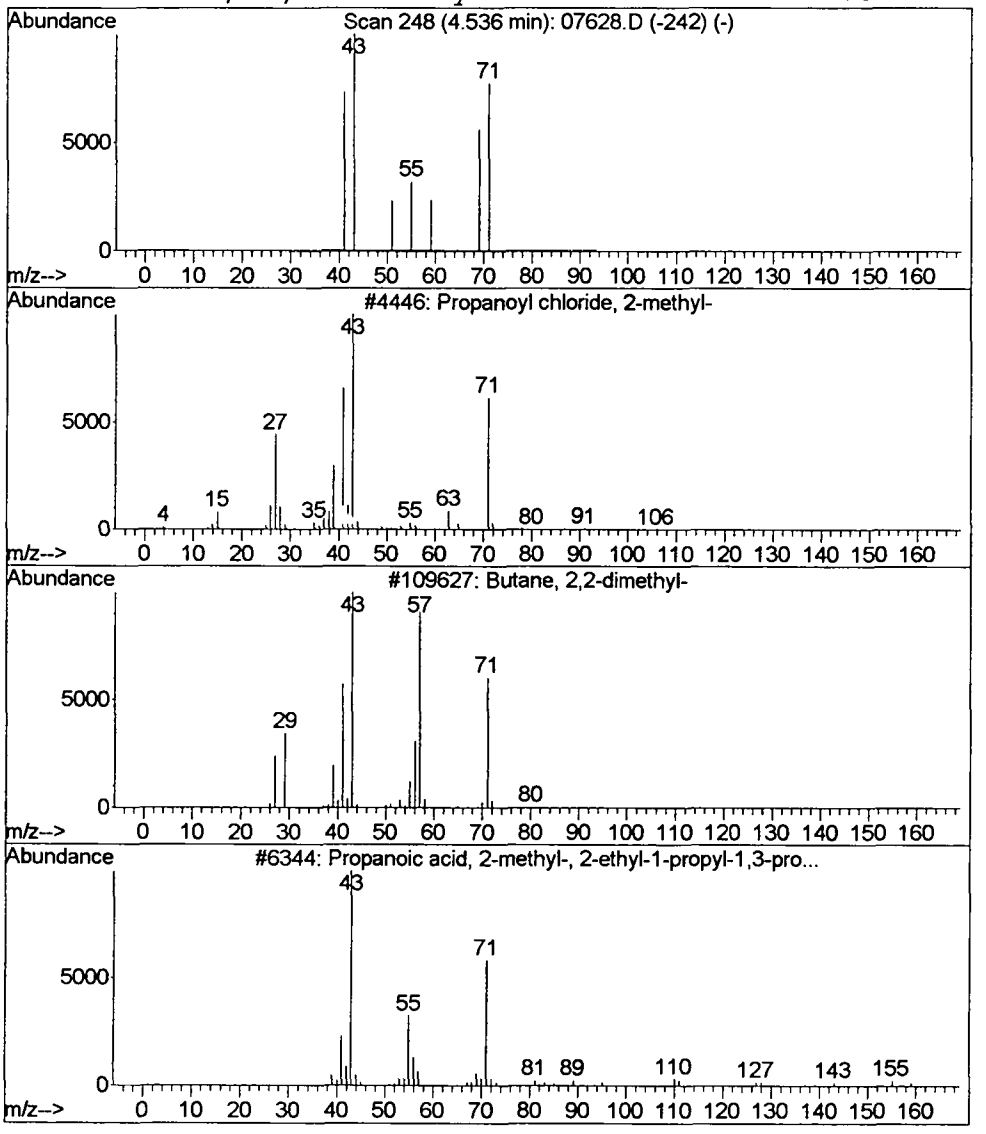
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

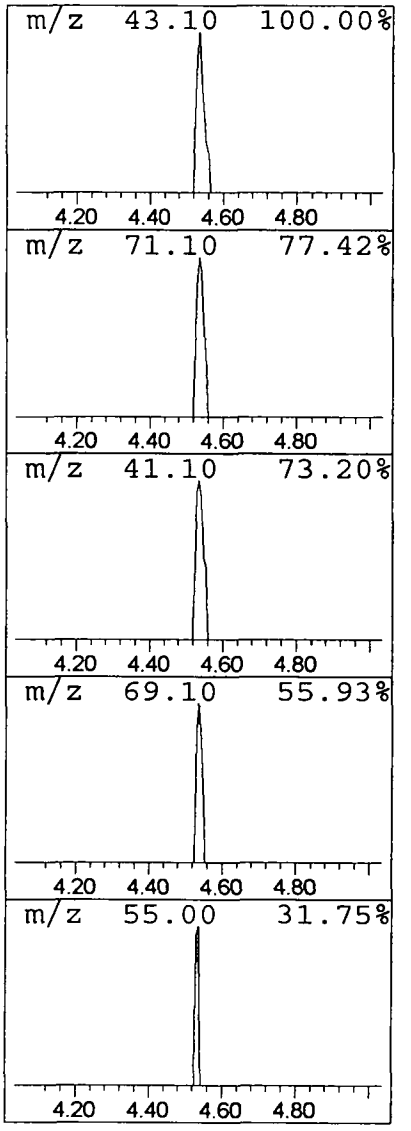
****

Peak Number 3 Propanoyl chloride, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.54	0.21 ug/l	138260	1,4-Dichlorobenzene-d4	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoyl chloride, 2-methyl-	106	C4H7ClO	000079-30-1	2
2	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	2
3	Propanoic acid, 2-methyl-, 2-eth...	286	C16H30O4	074367-30-9	2
4	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	2





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020403\07628.D Vial: 19
Acq On : 4 Apr 2002 1:43 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

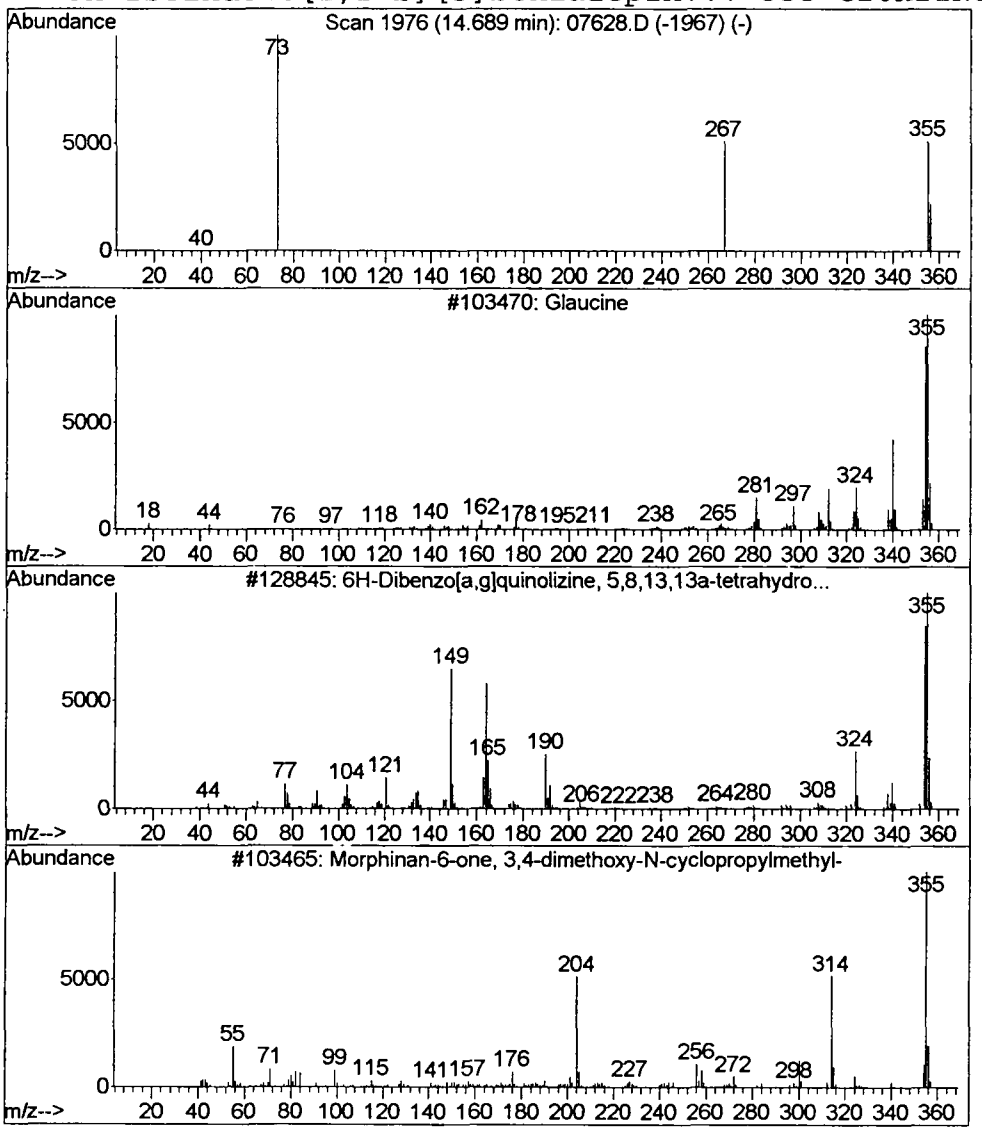
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

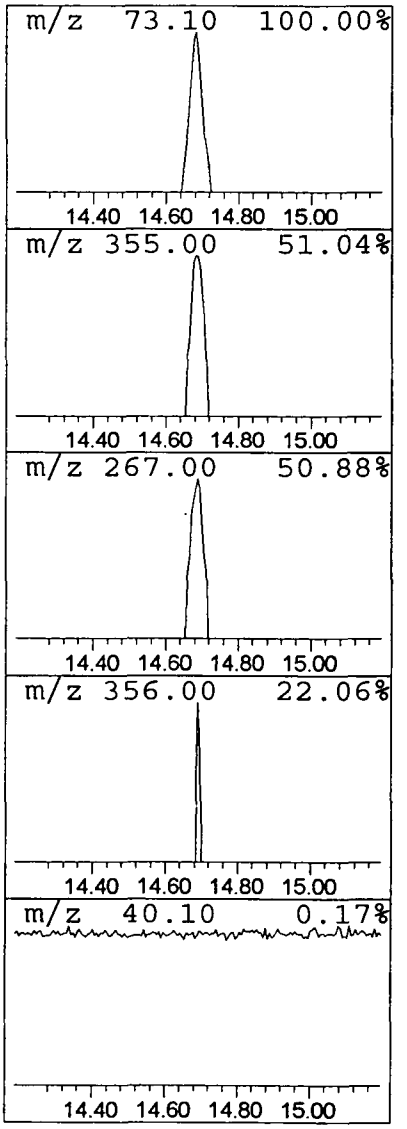
****

Peak Number 4 Glaucine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	0.21 ug/l	180235	Naphthalene-d8	15.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glaucine	355	C21H25NO4	000475-81-0	3
2	6H-Dibenzo[a,g]quinolizine, 5,8,...	355	C21H25NO4	002934-97-6	3
3	Morphinan-6-one, 3,4-dimethoxy-N...	355	C22H29NO3	1000126-19-3	3
4	5H-Isoindolo[1,2-b][3]benzazepin...	355	C20H21NO5	055228-79-0	3





Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 4 Apr 2002 1:43 am
Data File: C:\MSDCHEM\1\DATA\020403\07628.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020403.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
2-Butyne-1,4-diol	3.27	0.1	ug/l	92108	1	10.66	13205400	20.0
2-Chloroethanol	3.34	0.1	ug/l	90339	1	10.66	13205400	20.0
Propanoyl chlorid...	4.54	0.2	ug/l	138260	1	10.66	13205400	20.0
Glaucine	14.69	0.2	ug/l	180235	2	15.77	17441600	20.0