User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 11:04:56

Sample: AE07638
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/18/2002 11:04 Ended: 4/18/2002 11:04 Analyst: DLV
Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		.	
2	Surr_2,4-DDD		72	5.0

omments for Sample AE07638 - Analysis $GCMS

/estchester Dept. of Labs & Research
ser: Vinci, David L
ate: 04-18-2002 Time: 11:05:00

he GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual
ɔmpounds.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020410\07638.D Vial: 10
Acq On : 10 Apr 2002 6:51 pm Operator: Nefliu
Sample : field blk Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 11 15:57:02 2002 Quant Results File: SCANAPR0902.R

Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu Apr 11 15:44:30 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	2313734	20.00	ug/l	-0.01
10) Naphthalene-d8	15.77	136	8718563	20.00	ug/l	-0.02
17) Acenaphthene-d10	23.66	164	4781722	20.00	ug/l	-0.01
31) Phenanthrene-d10	30.89	188	7601425	20.00	ug/l	-0.01
39) Chrysene-d12	39.09	240	5473942	20.00	ug/l	-0.02
45) Perylene-d12	42.30	264	2581516	20.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	26.73	207	165558	2.89	ug/l	0.17
Spiked Amount 4.000			Recovery = 72.25%			
38) 2,4-DDD	0.00	235	0	0.00	ug/ml	
Spiked Amount 5.000			Recovery = 0.00%			

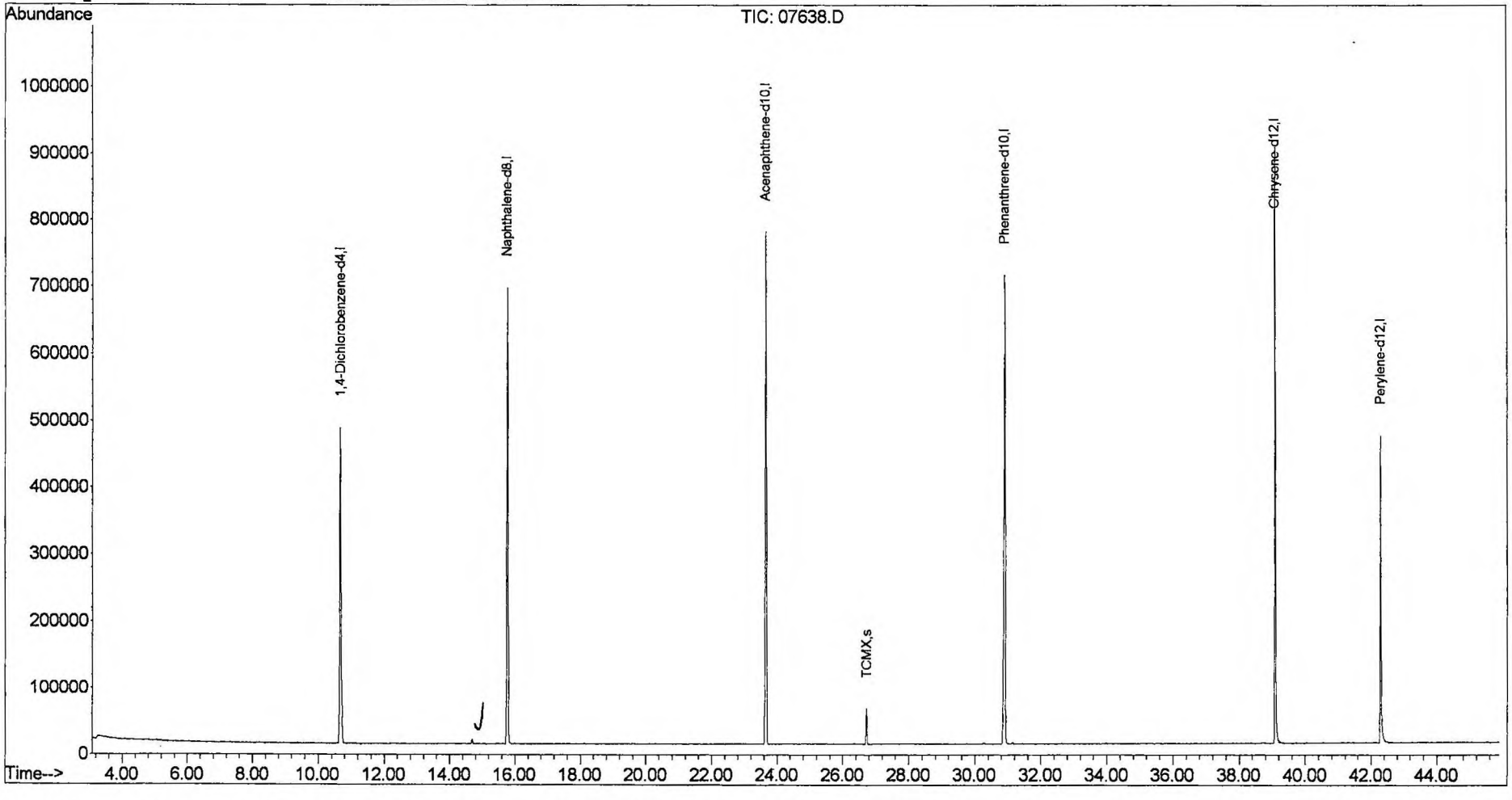
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020410\07638.D Vial: 10
Acq On : 10 Apr 2002 6:51 pm Operator: Nefliu
Sample : field blk Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 11 15:57 2002 Quant Results File: SCANAPR0902.RES

Method : C:\MSDCHEM\1\METHODS\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu Apr 11 15:44:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020410\07638.D Vial: 10
Acq On : 10 Apr 2002 6:51 pm Operator: Nefliu
Sample : field blk Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

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

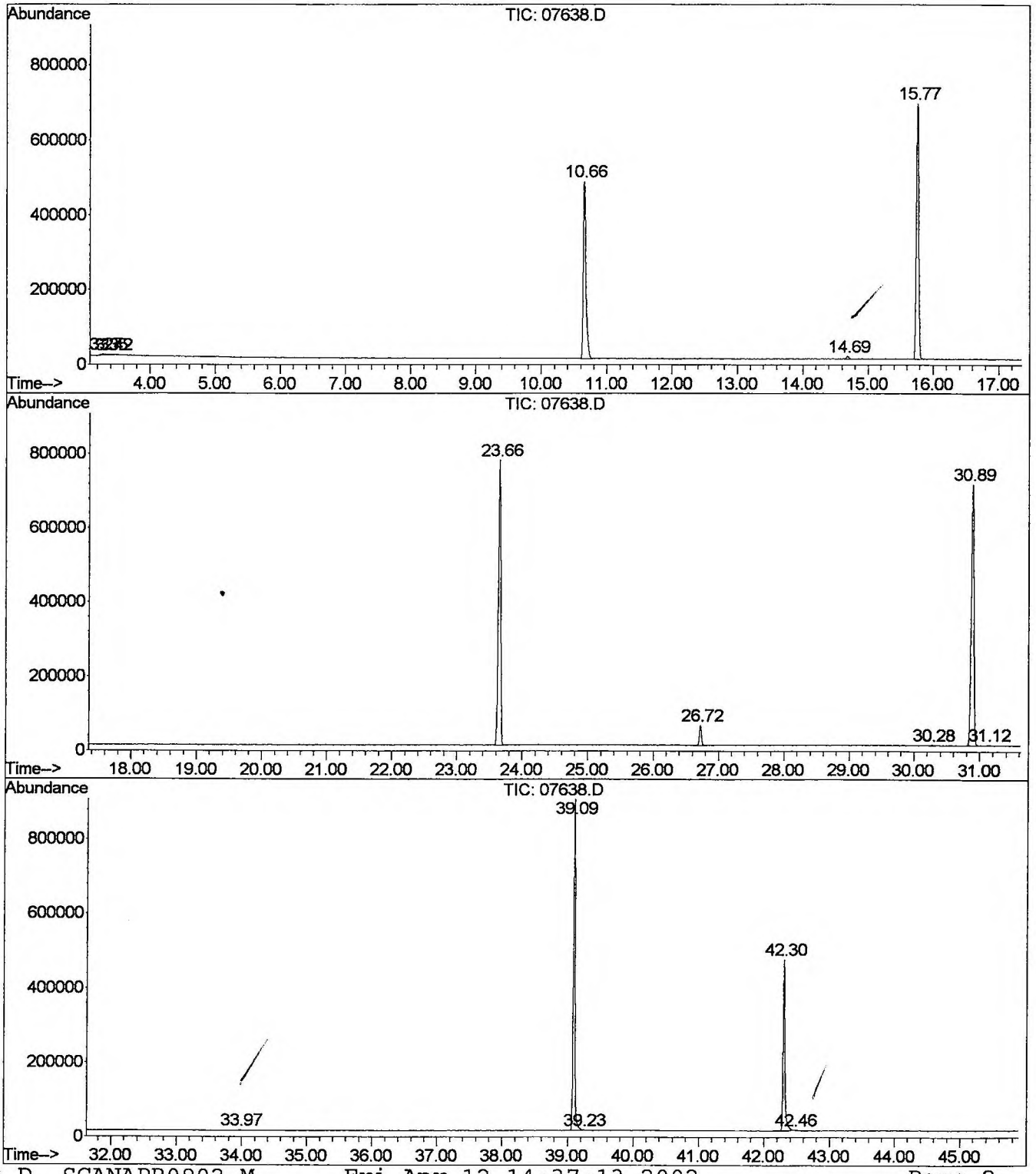
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.273	13	33	45	BV 6	3148	139098	0.71%	0.146%
2	3.349	45	46	55	VV 3	2187	64573	0.33%	0.068%
3	3.420	55	58	61	VV 3	1193	15542	0.08%	0.016%
4	10.659	1280	1290	1310	VV	474680	12985792	66.38%	13.674%
5	14.689	1968	1976	1991	VV 4	7025	183651	0.94%	0.193%
6	15.770	2147	2160	2180	VV	687495	17075374	87.28%	17.981%
7	23.655	3488	3502	3514	PV	748869	19339515	98.86%	20.365%
8	26.722	4009	4024	4034	VV 3	51845	1128685	5.77%	1.189%
9	30.277	4620	4629	4637	VV 2	1654	56890	0.29%	0.060%
10	30.894	4717	4734	4749	PV 2	699291	19563140	100.00%	20.601%
11	31.123	4769	4773	4783	VV 2	1814	56931	0.29%	0.060%
12	33.973	5254	5258	5266	VV 2	1721	38842	0.20%	0.041%
13	39.091	6119	6129	6152	PV 2	864470	15741445	80.46%	16.576%
14	39.232	6152	6153	6155	VV	1107	7376	0.04%	0.008%
15	42.299	6665	6675	6700	PV	448383	8546754	43.69%	9.000%
16	42.457	6700	6702	6709	VV 3	1213	20166	0.10%	0.021%

Sum of corrected areas: 94963774

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020410\07638.D
Operator : Nefliu
Acquired : 10 Apr 2002 6:51 pm using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: field blk
Misc Info :
Vial Number: 10
Quant File :SCANAPR0902.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020410\07638.D Vial: 10
Acq On : 10 Apr 2002 6:51 pm Operator: Nefliu
Sample : field blk Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

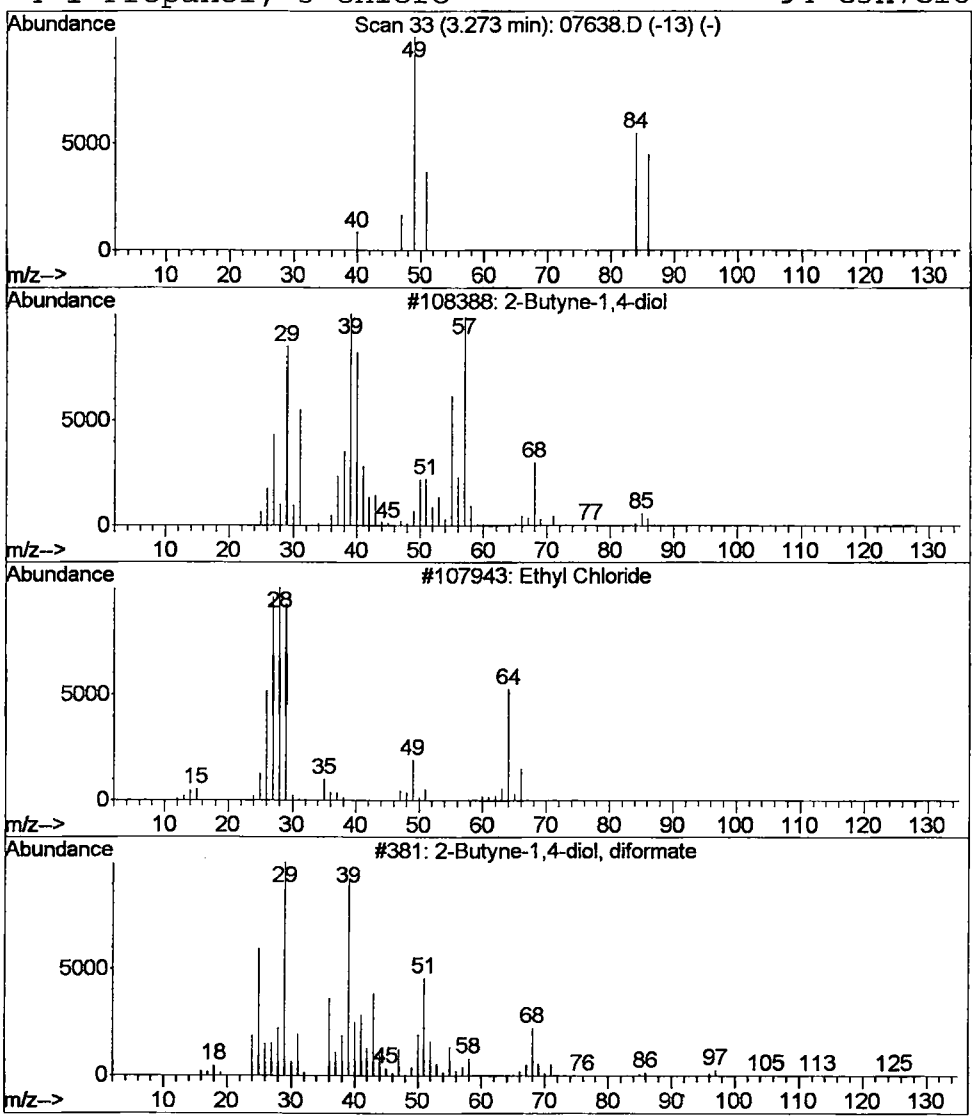
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

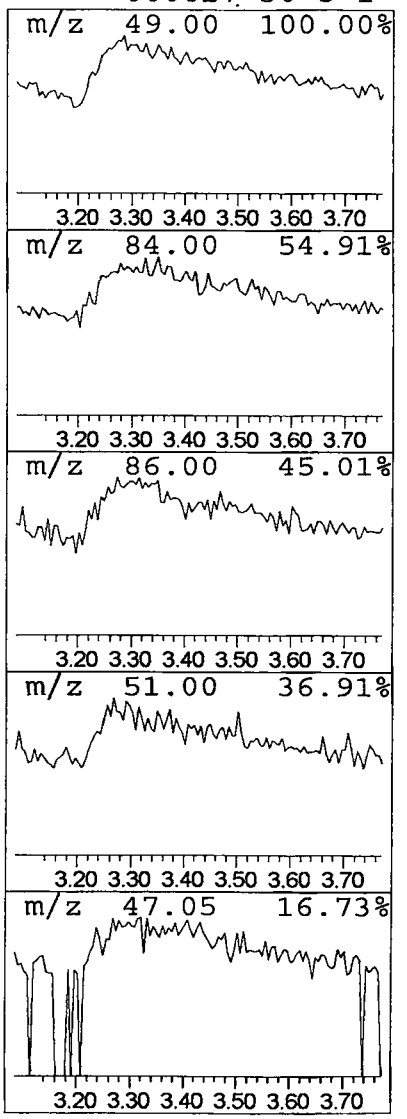
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	0.21 ug/l	139098	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	Ethyl Chloride	64	C2H5Cl	000075-00-3	2
3	2-Butyne-1,4-diol, diformate	142	C6H6O4	036677-73-3	1
4	1-Propanol, 3-chloro-	94	C3H7ClO	000627-30-5	1





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020410\07638.D Vial: 10
Acq On : 10 Apr 2002 6:51 pm Operator: Nefliu
Sample : field blk Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

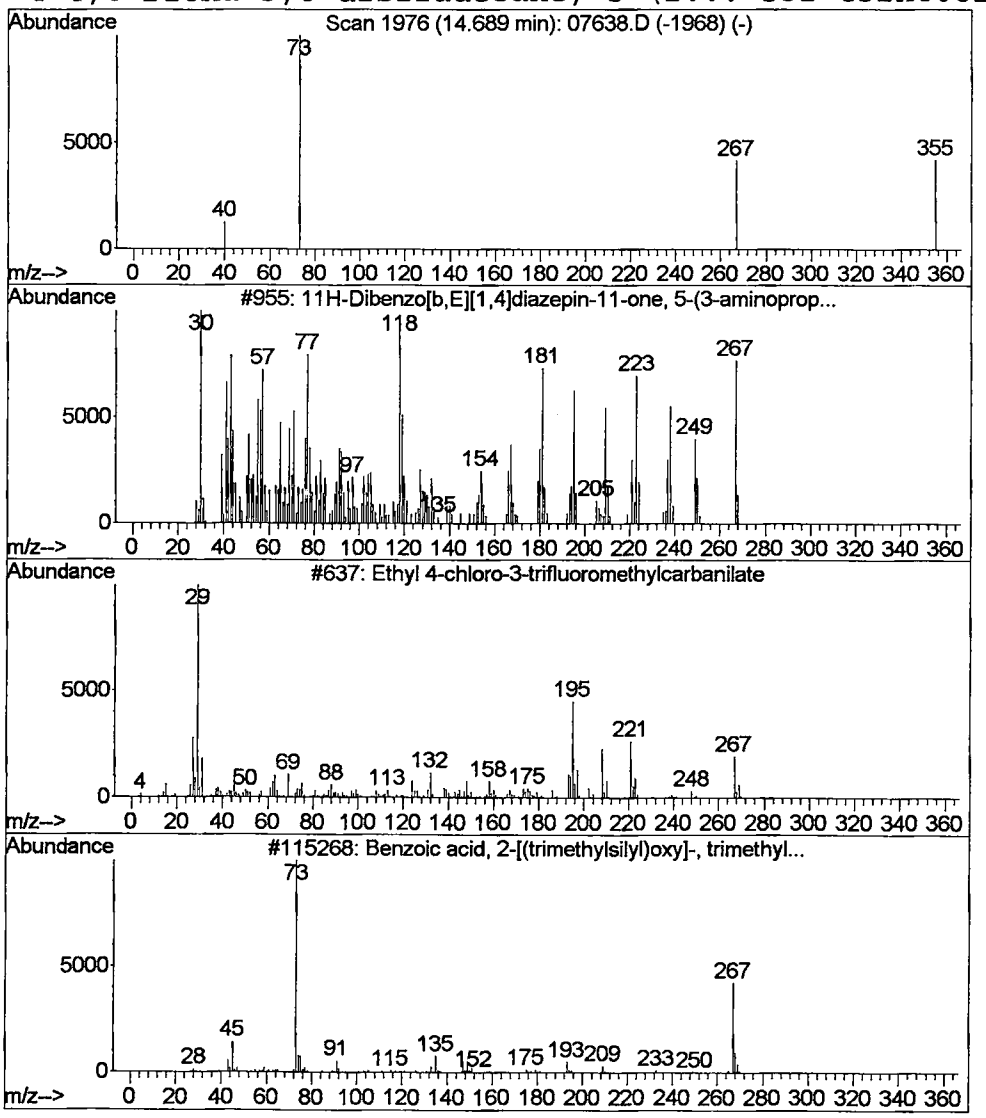
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

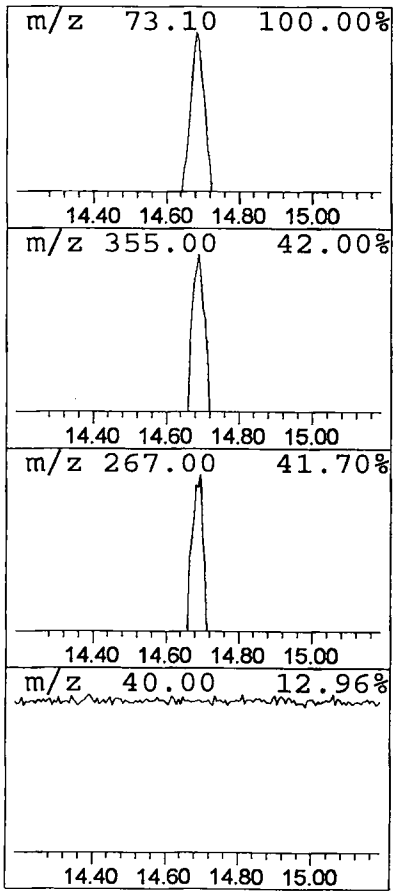
****

Peak Number 2 11H-Dibenzo[b,E][1,4]diazep... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	0.22 ug/l	183651	Naphthalene-d8	15.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Dibenzo[b,E][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	2
2	Ethyl 4-chloro-3-trifluoromethyl...	267	C10H9ClF3NO2	018585-06-3	2
3	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	2
4	4,6-Dioxa-3,8-disiladecane, 5-(2...	532	C32H60O2Si2	109629-49-4	2





Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 10 Apr 2002 6:51 pm
Data File: C:\MSDCHEM\1\DATA\020410\07638.D
Name: field blk
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
2-Butyne-1,4-diol	3.27	0.2	ug/l	139098	1	10.66	12985800	20.0
11H-Dibenzo[b,E][...	14.69	0.2	ug/l	183651	2	15.77	17075400	20.0