User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 08:26:25

Sample: AE06306
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/18/02 08:23 Ended: 4/18/02 08:23 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		111		5.0

Comments for Sample AE06306 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-18-2002 Time: 08:25:52

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\020408\6306.D Vial: 14
Acq On : 8 Apr 2002 10:58 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 09 15:15:57 2002 Quant Results File: SCANAPR0902.R

Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Tue Apr 09 15:05:54 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	2603070	20.00	ug/l	0.00
10) Naphthalene-d8	15.77	136	9862278	20.00	ug/l	-0.02
17) Acenaphthene-d10	23.66	164	5548721	20.00	ug/l	-0.01
31) Phenanthrene-d10	30.89	188	8903636	20.00	ug/l	0.00
39) Chrysene-d12	39.09	240	6558404	20.00	ug/l	-0.02
45) Perylene-d12	42.30	264	3367496	20.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	0.00	207	0	0.00	ug/l	
Spiked Amount 5.000			Recovery = 0.00%			
38) 2,4-DDD	36.62	235	523187	5.25	ug/ml	0.00
Spiked Amount 5.000			Recovery = 105.00%			
			5.5635 = 111.3%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1.3-Dichlorbenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'oxybis(1-Chloropropane	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	43	0	N.D.		
9) Hexachloroethane	0.00	119	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy) methan	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	0.00	128	0	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Acenaphthylene	0.00	152	0	N.D.		
21) Dimethyl phthalate	0.00	163	0	N.D.		
22) 2,6-Dinitrotoluene	23.66	77	5435	0.31	ug/l #	1
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Fluorene	0.00	166	0	N.D.		
26) Diethyl phthalate	0.00	149	0	N.D.		
27) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
29) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
30) Azobenzene	0.00	77	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

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Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
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Title : Method 508 GC/MS Scan
Last Update : Tue Apr 09 15:05:54 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

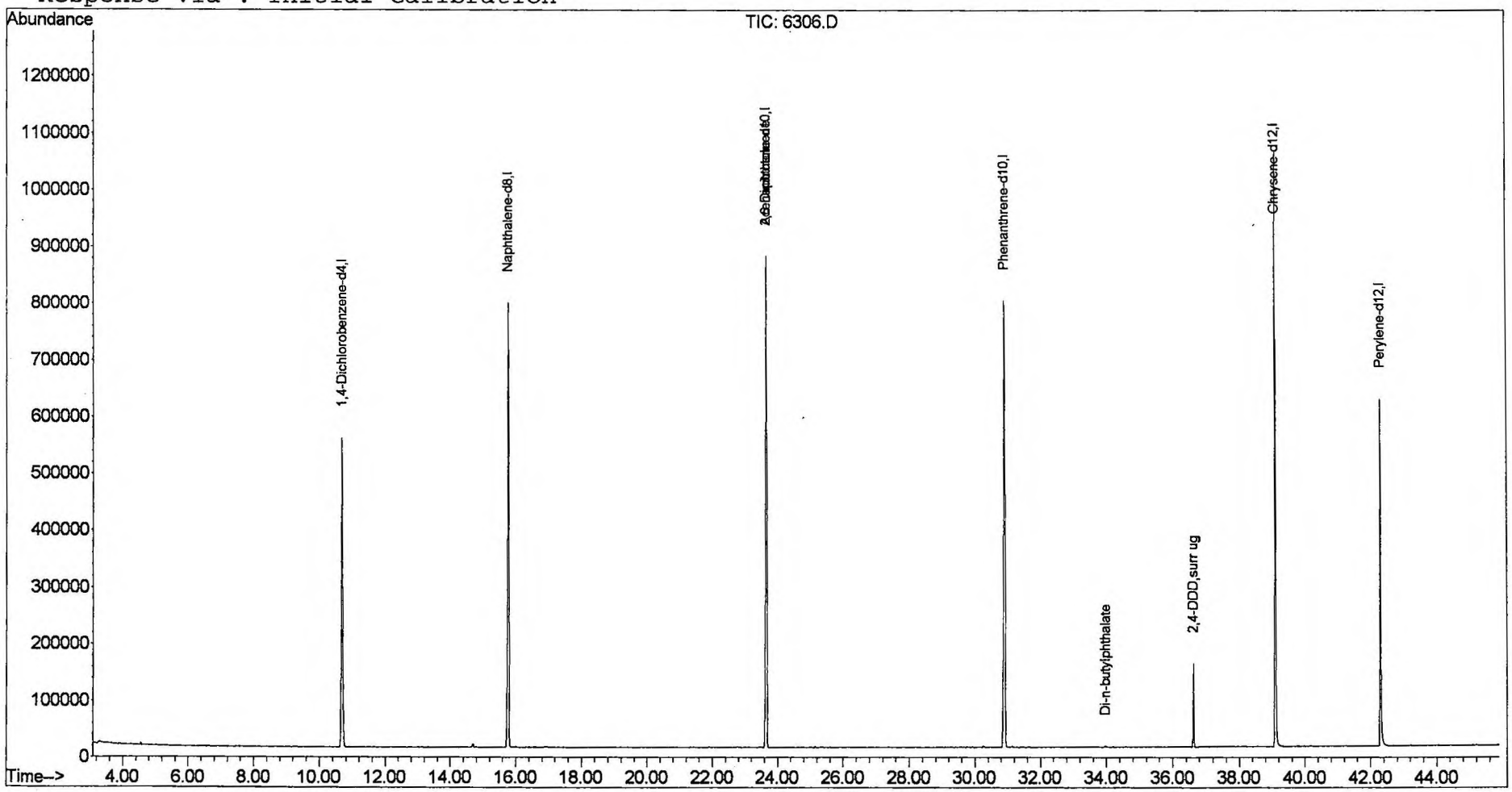
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
34)	Phenanthrene	0.00	178	0	N.D.	
35)	Anthracene	0.00	178	0	N.D.	
36)	Di-n-butylphthalate	33.98	149	42628	0.08 ug/l	79
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Buthylbenzylphthalate	0.00	149	0	N.D.	
42)	Benz(a)anthracene	0.00	228	0	N.D.	
43)	Chrysene	0.00	228	0	N.D.	
44)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
46)	Di-n-Octyl phthalate	0.00	149	0	N.D.	
47)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
49)	Benzo(a)pyrene	0.00	252	0	N.D.	
50)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
51)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
52)	Benzo(ghi)perylene	0.00	276	0	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020408\6306.D Vial: 14
Acq On : 8 Apr 2002 10:58 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 9 15:15 2002 Quant Results File: SCANAPR0902.RES

Method : C:\MSDCHEM\1\METHODS\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Tue Apr 09 15:05:54 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020408\6306.D Vial: 14
Acq On : 8 Apr 2002 10:58 pm Operator: McLean
Sample : 3/18 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

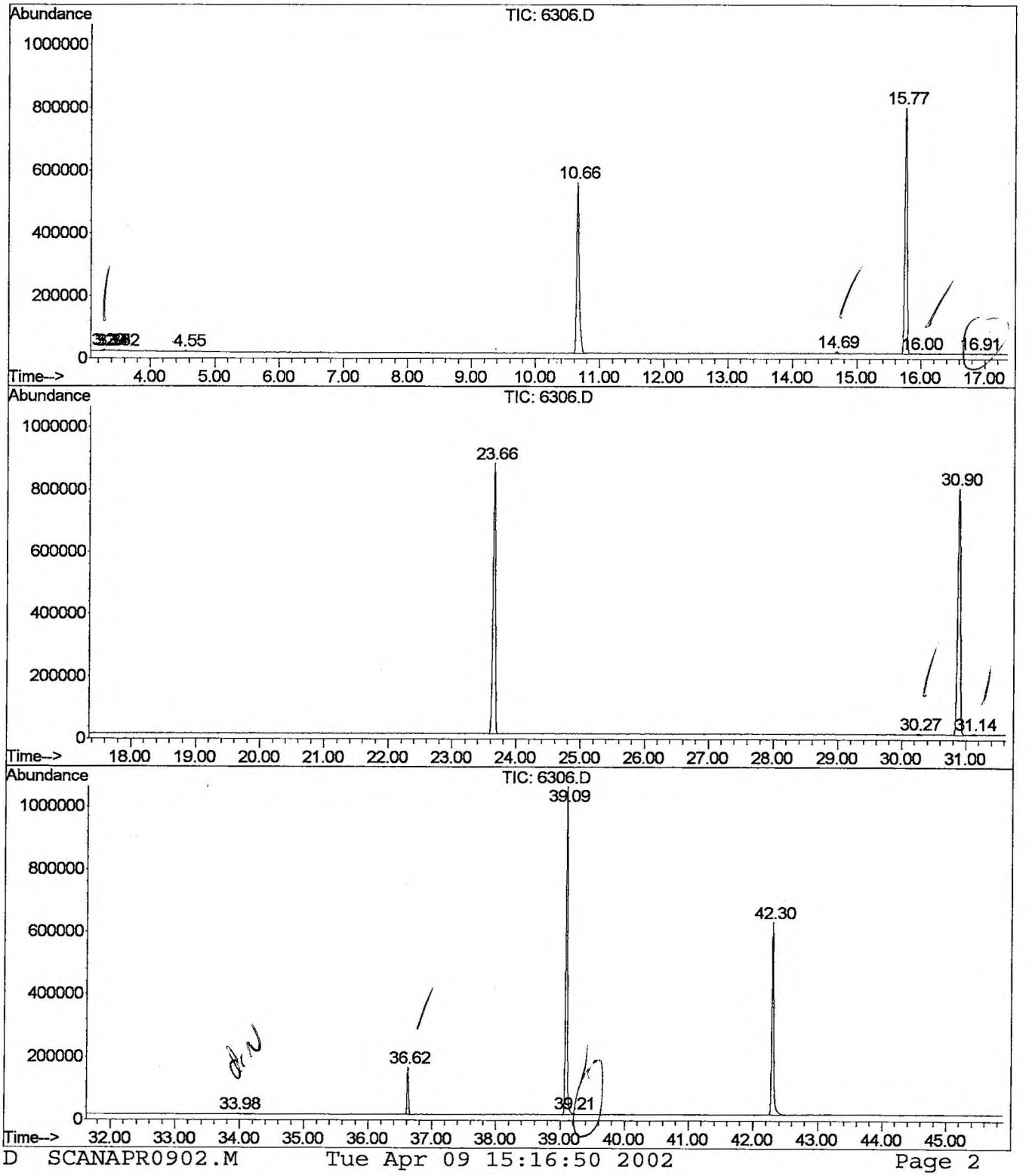
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.290	23	36	42	PV 6	4692	164105	0.72%	0.145%
2	3.337	42	44	48	VV 2	2415	37482	0.16%	0.033%
3	3.378	48	51	57	VV 3	1377	27454	0.12%	0.024%
4	3.520	72	75	81	PV 3	1849	21597	0.09%	0.019%
5	4.548	247	250	254	VV 3	3795	47666	0.21%	0.042%
6	10.658	1277	1290	1314	PV	539322	14683693	63.99%	12.998%
7	14.689	1968	1976	1984	VV 4	5948	146723	0.64%	0.130%
8	15.770	2139	2160	2178	BV	777924	19388734	84.49%	17.162%
9	15.999	2195	2199	2203	VV	1841	30436	0.13%	0.027%
10	16.904	2346	2353	2358	PV	1259	21076	0.09%	0.019%
11	23.661	3488	3503	3517	PV	860118	22507319	98.08%	19.923%
12	30.265	4619	4627	4636	VV 2	2815	87283	0.38%	0.077%
13	30.894	4719	4734	4752	VV 2	784070	22948086	100.00%	20.313%
14	31.135	4759	4775	4782	VV 2	2900	93172	0.41%	0.082%
15	33.979	5252	5259	5271	VV 2	2245	60645	0.26%	0.054%
16	36.623	5700	5709	5717	PV	149165	2385415	10.39%	2.111%
17	39.096	6117	6130	6148	PV 2	1022349	18895929	82.34%	16.726%
18	39.208	6148	6149	6157	VV 2	3019	39037	0.17%	0.035%
19	42.298	6664	6675	6716	PV	604224	11387080	49.62%	10.079%

Sum of corrected areas: 112972933

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020408\6306.D
Operator : McLean
Acquired : 8 Apr 2002 10:58 pm using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: 3/18
Misc Info :
Vial Number: 14
Quant File :SCANAPR0902.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020408\6306.D
Acq On : 8 Apr 2002 10:58 pm
Sample : 3/18
Misc :
MS Integration Params: LSCINT.e

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

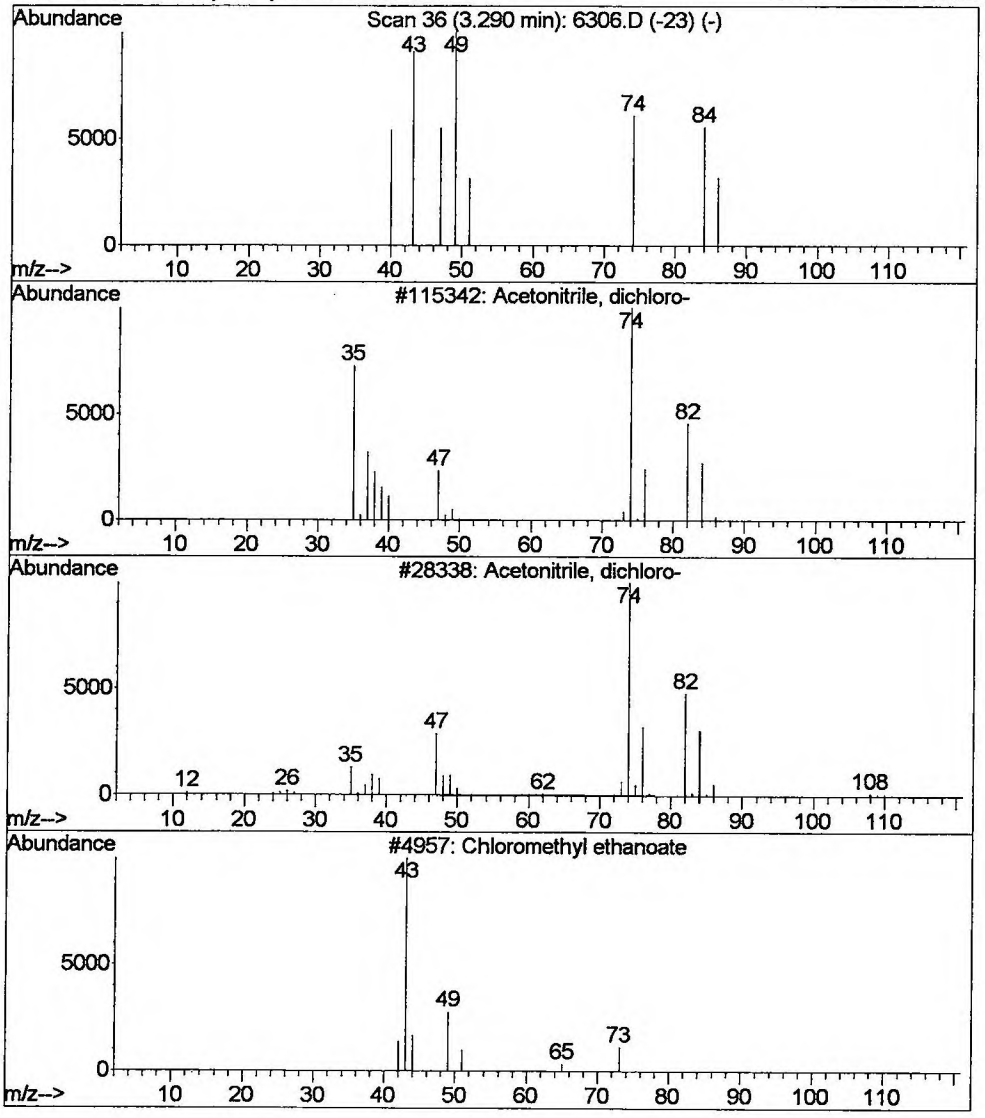
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

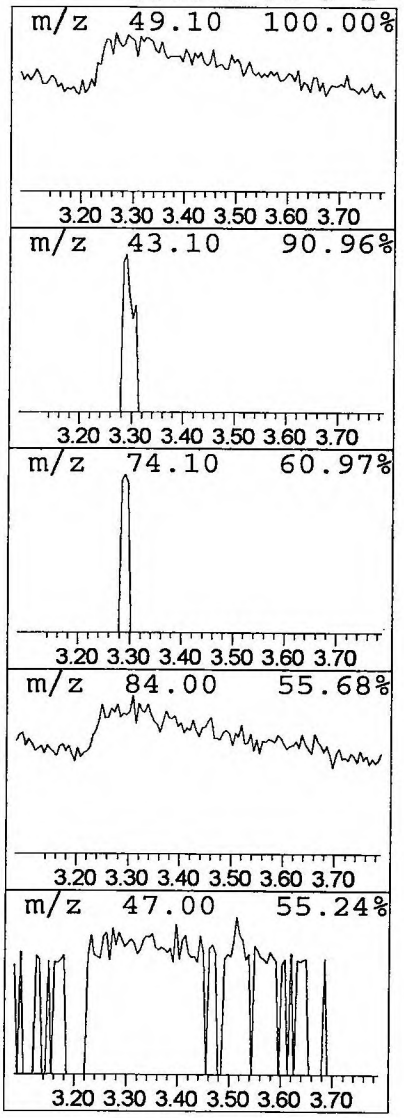
****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	0.22 ug/l	164105	1,4-Dichlorobenzene-d4	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	2
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	2
3	Chloromethyl ethanoate	108	C3H5ClO2	1000143-34-6	2
4	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	1





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020408\6306.D Vial: 14
Acq On : 8 Apr 2002 10:58 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

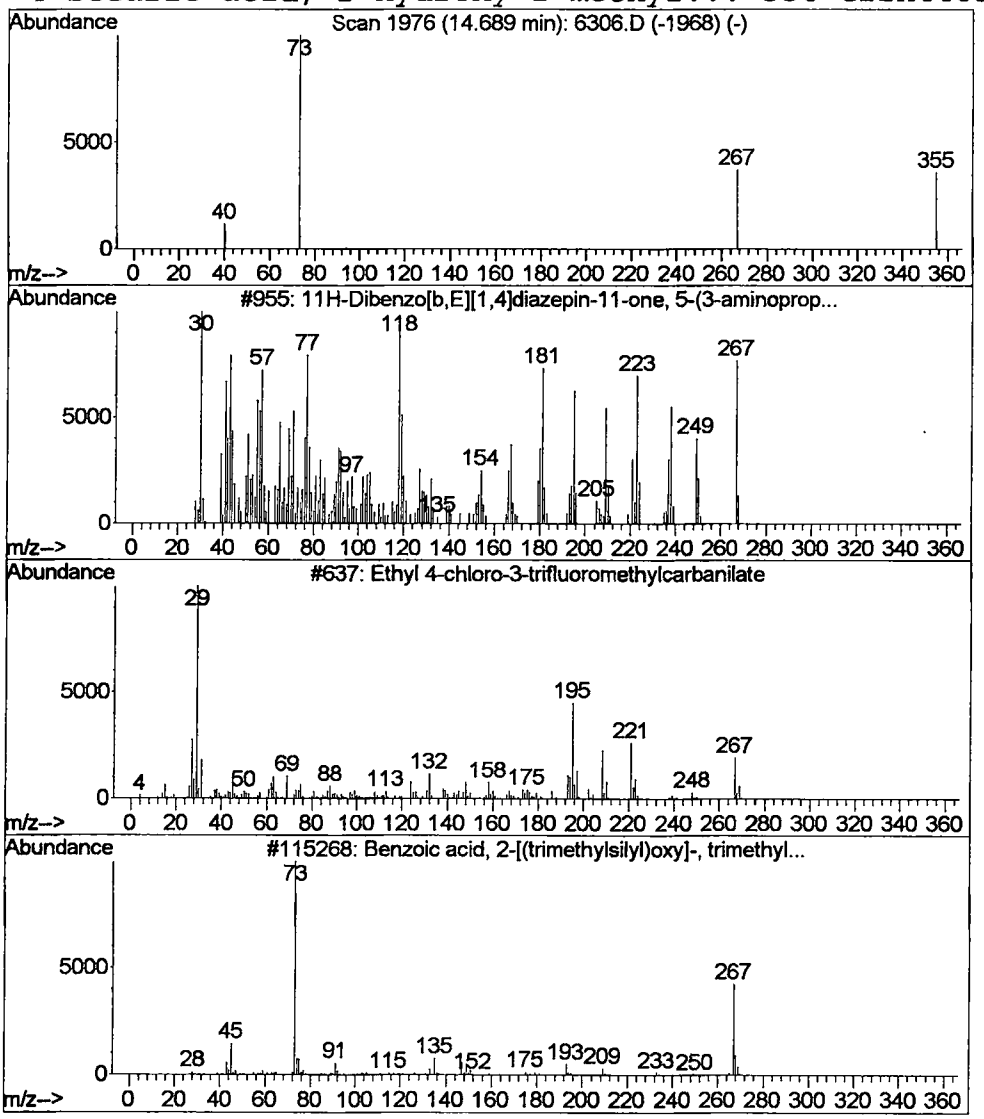
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

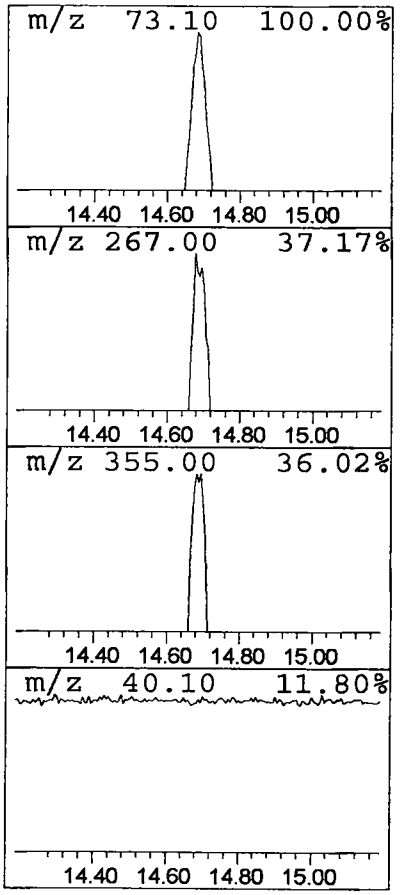
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	0.15 ug/l	146723	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	Stearic acid, 2-hydroxy-1-methyl...	356	C22H44O3	014251-39-9	1





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 8 Apr 2002 10:58 pm
Data File: C:\MSDCHEM\1\DATA\020408\6306.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
Acetonitrile, dic...	3.29	0.2	ug/l	164105	1	10.66	14683700	20.0
11H-Dibenzo[b,E][...	14.69	0.2	ug/l	146723	2	15.77	19388700	20.0