User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 08:35:51

Sample: AE06336
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/18/02 08:35 Ended: 4/18/02 08:35 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		98		5.0

Comments for Sample AE06336 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-18-2002 Time: 08:36:01

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\6336.D Vial: 20
Acq On : 9 Apr 2002 4:33 am Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 09 15:21:25 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	10.67	152	5660462	20.00	ug/l	0.00
10) Naphthalene-d8	15.78	136	21119088	20.00	ug/l	0.00
17) Acenaphthene-d10	23.68	164	12056509	20.00	ug/l	0.00
31) Phenanthrene-d10	30.92	188	19333989	20.00	ug/l	0.01
39) Chrysene-d12	39.11	240	14671052	20.00	ug/l	0.00
45) Perylene-d12	42.31	264	7732605	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	458971	2.12	ug/ml	0.00
Spiked Amount 5.000			Recovery = 42.40%			
Target Compounds			4.8807 = 97.6%			Qvalue
2) N-nitrosodimethylamine	0.00	74	0	N.D. 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	0.00	77	0	N.D. d		
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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Acq On : 9 Apr 2002 4:33 am Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 09 15:21:25 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

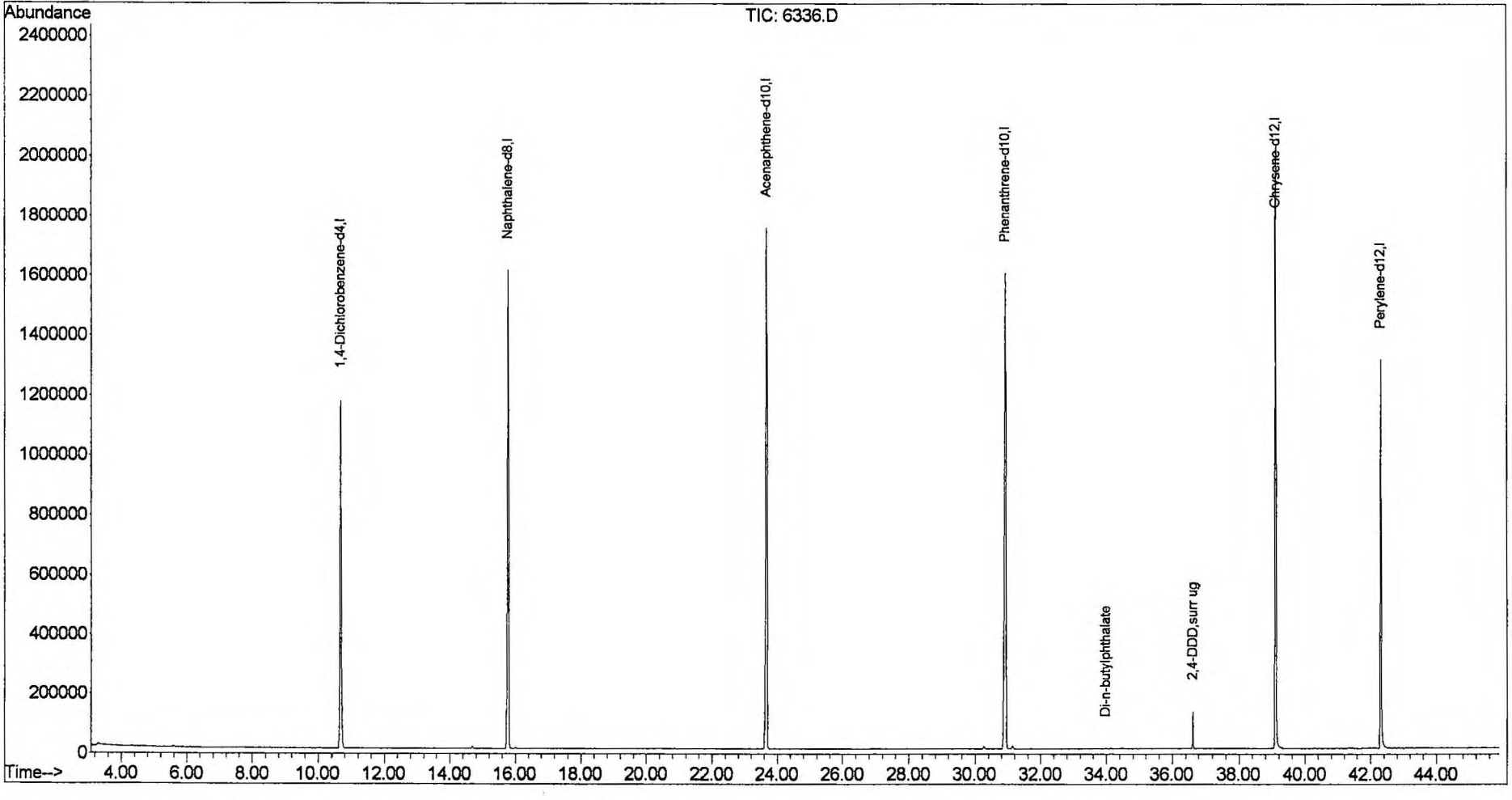
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
34) Phenanthrene	0.00	178	0	N.D.	
35) Anthracene	0.00	178	0	N.D.	
36) Di-n-butylphthalate	33.98	149	34221	0.03 ug/l	79
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Buthylbenzylphthalate	0.00	149	0	N.D.	
42) Benz(a)anthracene	0.00	228	0	N.D. d	
43) Chrysene	0.00	228	0	N.D. 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\6336.D Vial: 20
Acq On : 9 Apr 2002 4:33 am Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 9 15:21 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\6336.D Vial: 20
Acq On : 9 Apr 2002 4:33 am 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

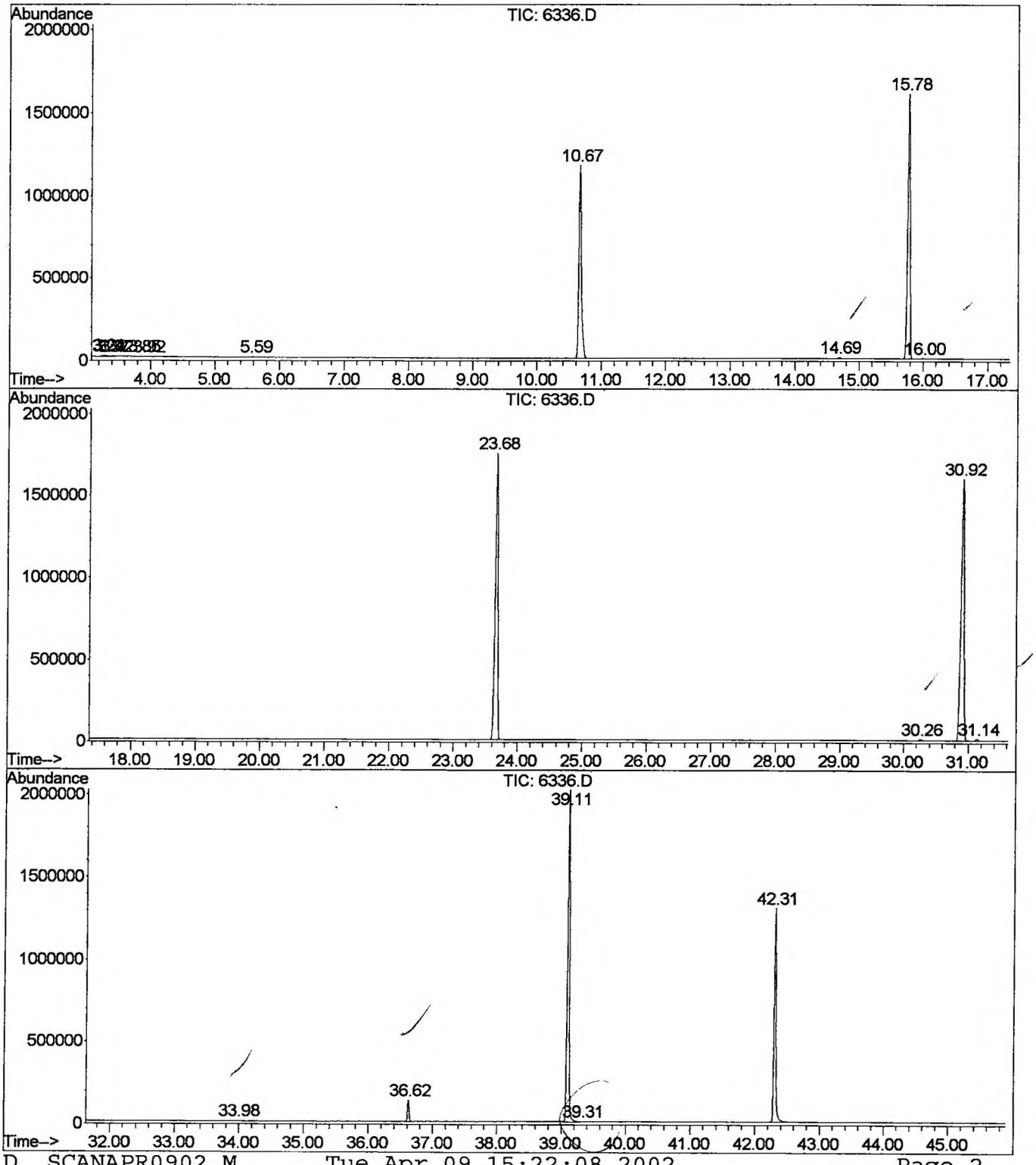
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.285	22	35	37	PV 5	6333	164738	0.33%	0.068%
2	3.308	37	39	48	VV 5	8373	200867	0.40%	0.082%
3	3.367	48	49	51	VV	3754	40766	0.08%	0.017%
4	3.420	55	58	61	VV	4482	82472	0.16%	0.034%
5	3.843	122	130	134	VV 5	3039	59351	0.12%	0.024%
6	3.919	134	143	147	VV 5	2742	57812	0.12%	0.024%
7	5.588	423	427	432	PV 2	3280	53319	0.11%	0.022%
8	10.665	1278	1291	1310	PV	1156472	31767345	63.45%	13.039%
9	14.689	1964	1976	1987	VV 3	7279	191140	0.38%	0.078%
10	15.782	2148	2162	2176	VV	1590509	41617128	83.12%	17.082%
11	16.000	2193	2199	2209	VV 2	3062	78450	0.16%	0.032%
12	23.679	3488	3506	3517	VV	1729211	48756980	97.38%	20.012%
13	30.260	4615	4626	4640	PV 3	7233	205309	0.41%	0.084%
14	30.918	4719	4738	4757	PV 2	1566731	50067196	100.00%	20.550%
15	31.141	4765	4776	4790	PV 2	10273	263209	0.53%	0.108%
16	33.979	5252	5259	5267	PV	2706	60490	0.12%	0.025%
17	36.623	5698	5709	5721	PV	129327	2081044	4.16%	0.854%
18	39.108	6118	6132	6164	PV	2006569	42097516	84.08%	17.279%
19	39.314	6164	6167	6170	VV	1904	34280	0.07%	0.014%
20	42.310	6663	6677	6714	PV	1266022	25759146	51.45%	10.573%

Sum of corrected areas: 243638559

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020408\6336.D
Operator : McLean
Acquired : 9 Apr 2002 4:33 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: 3/18
Misc Info :
Vial Number: 20
Quant File :SCANAPR0902.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020408\6336.D Vial: 20
Acq On : 9 Apr 2002 4:33 am Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

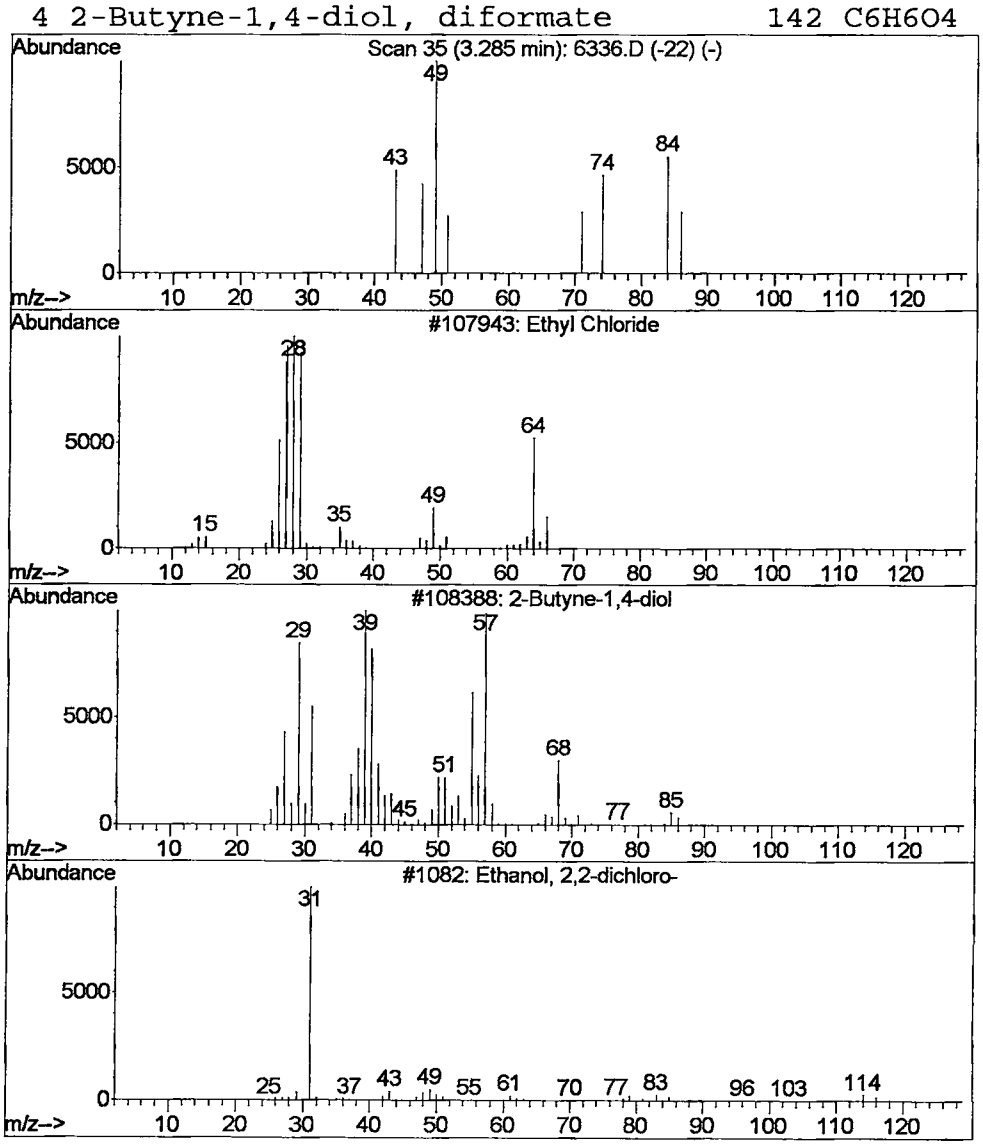
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

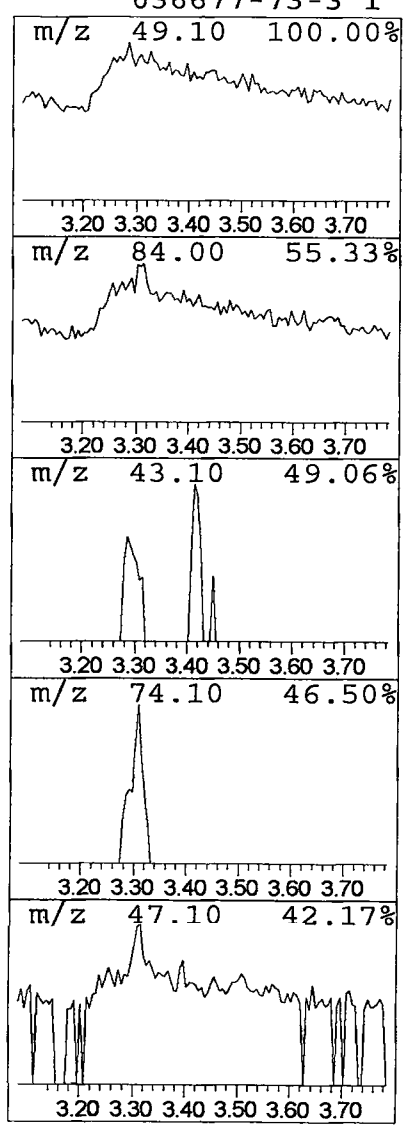
****

Peak Number 1 Ethyl Chloride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	0.10 ug/l	164738	1,4-Dichlorobenzene-d4	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Chloride	64	C2H5Cl	000075-00-3	1
2	2-Butyne-1,4-diol	86	C4H6O2	000110-65-6	1
3	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	1
4	2-Butyne-1,4-diol, diformate	142	C6H6O4	036677-73-3	1





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020408\6336.D Vial: 20
Acq On : 9 Apr 2002 4:33 am Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

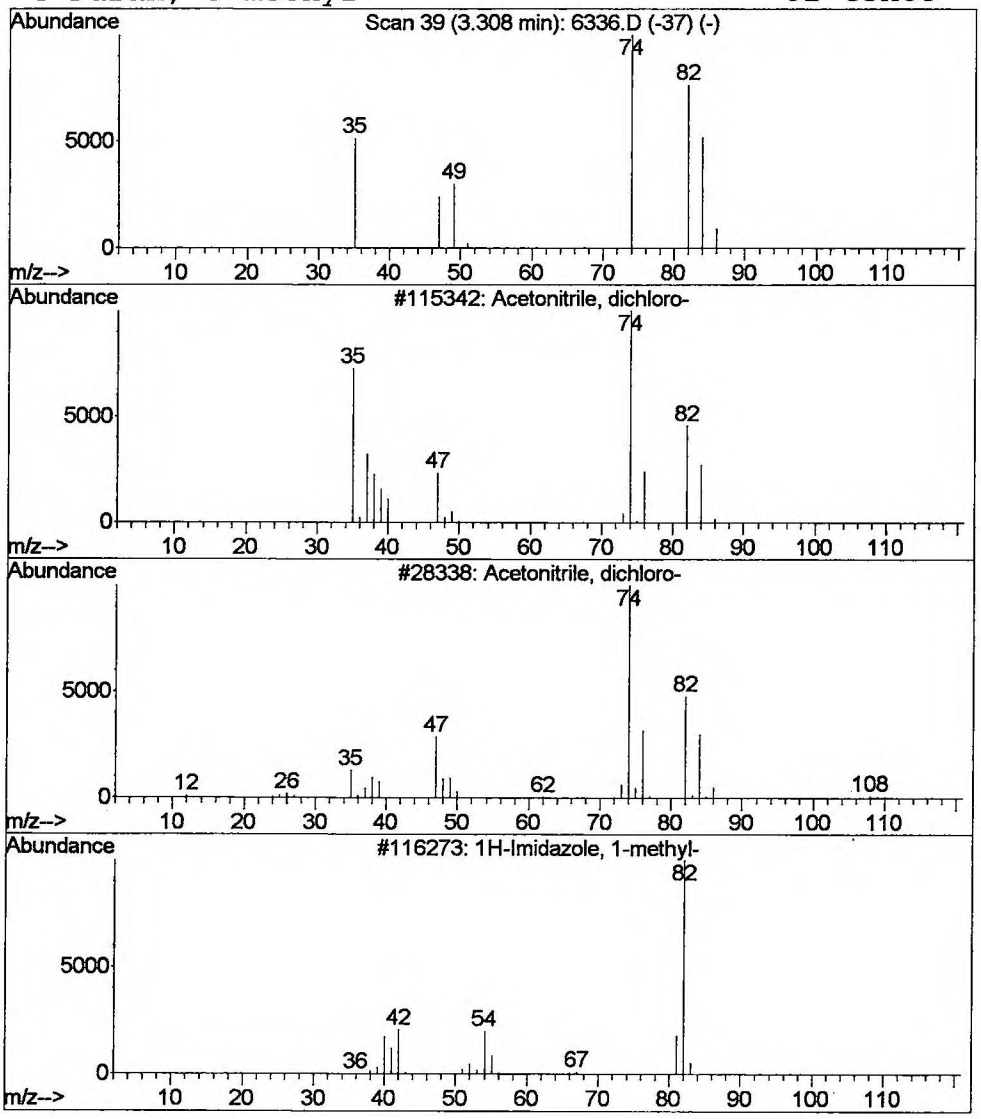
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

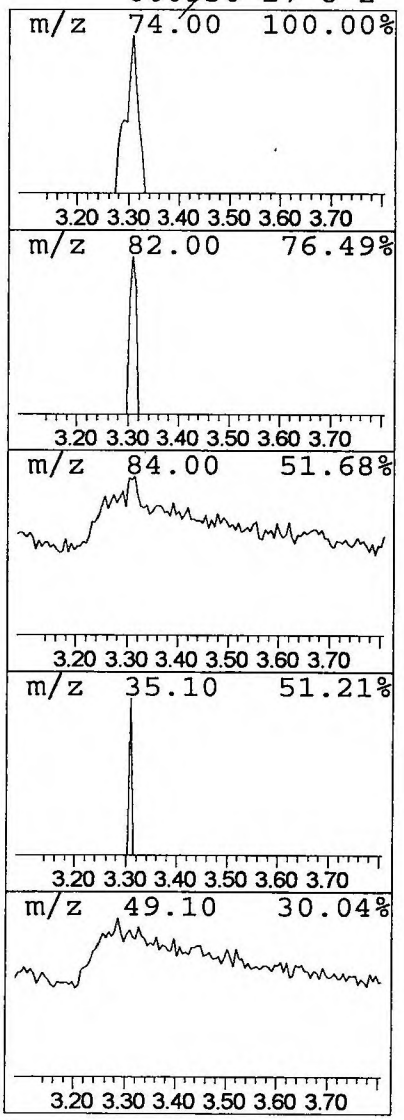
****

Peak Number 2 Acetonitrile, dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.31	0.13 ug/l	200867	1,4-Dichlorobenzene-d4	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	9
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	4
3	1H-Imidazole, 1-methyl-	82	C4H6N2	000616-47-7	3
4	Furan, 3-methyl-	82	C5H6O	000930-27-8	2





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020408\6336.D Vial: 20
Acq On : 9 Apr 2002 4:33 am Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

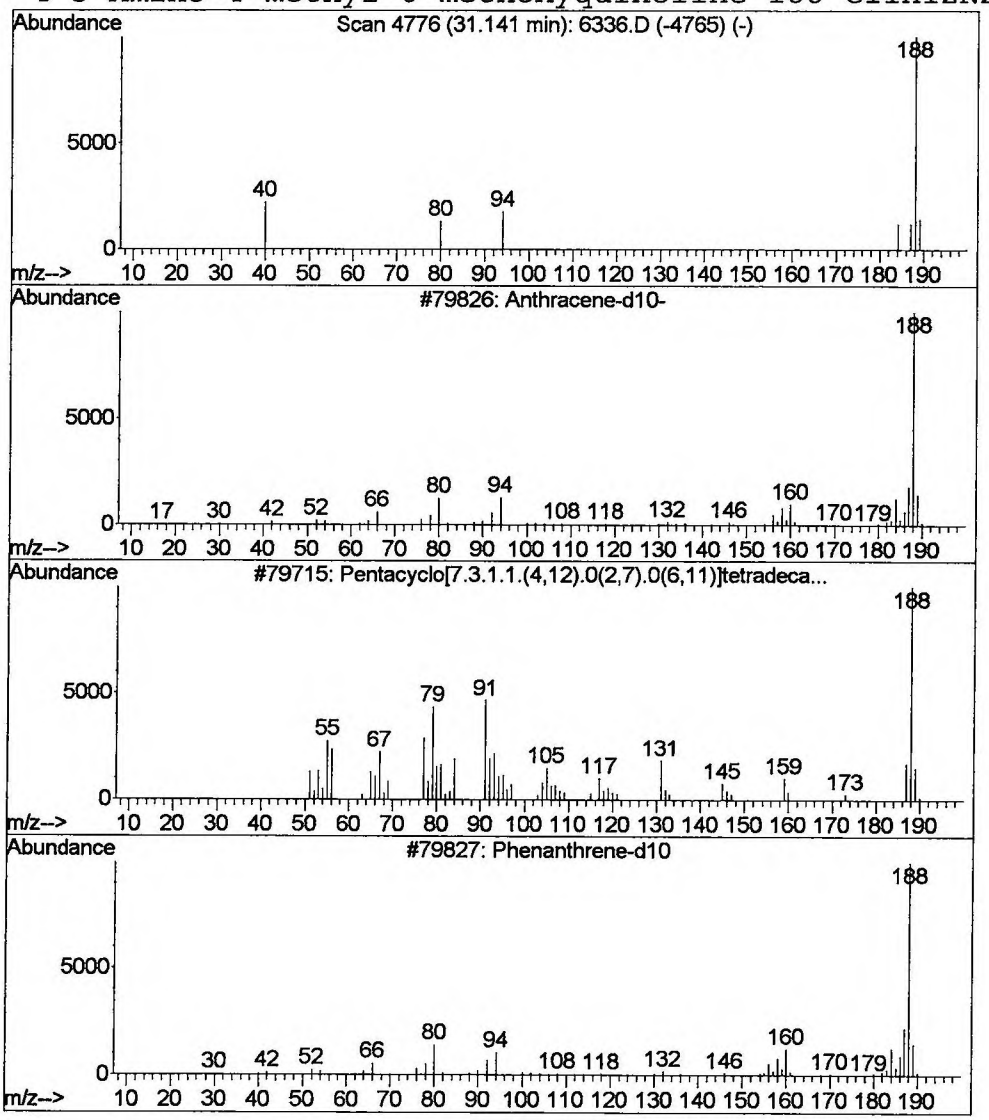
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

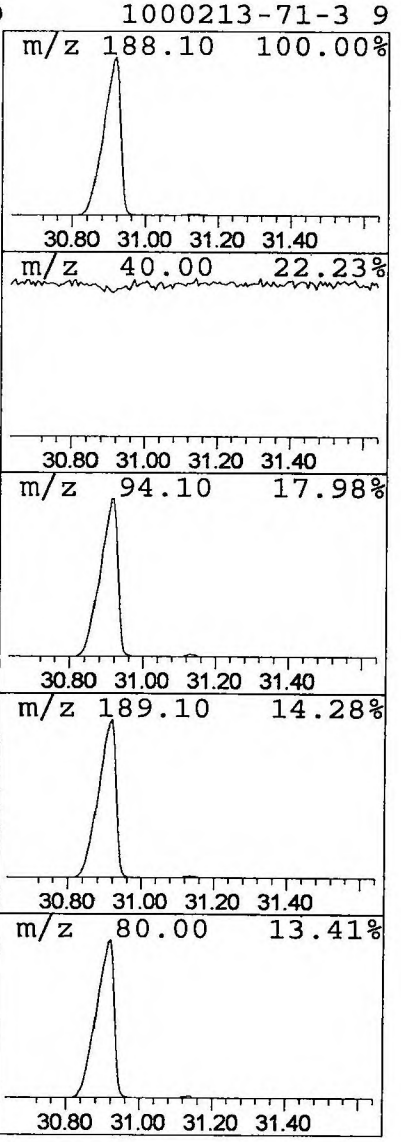
****

Peak Number 3 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.14	0.11 ug/l	263209	Phenanthrene-d10	30.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	90
2	Pentacyclo[7.3.1.1.(4,12).0(2,7)...	188	C14H20	1000215-61-8	78
3	Phenanthrene-d10	188	C14D10	001517-22-2	78
4	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	9





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 9 Apr 2002 4:33 am
Data File: C:\MSDCHEM\1\DATA\020408\6336.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
Ethyl Chloride	3.29	0.1	ug/l	164738	1	10.67	31767300	20.0
Acetonitrile, dic...	3.31	0.1	ug/l	200867	1	10.67	31767300	20.0
Anthracene-d10-	31.14	0.1	ug/l	263209	4	30.92	50067200	20.0