User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/03/2002 Time: 13:27:09

Sample: AE06409
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/3/02 13:26 Ended: 5/3/02 13:26 Analyst: DLV
Page: 1

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

Comments for Sample AE06409 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-03-2002 Time: 13:27:24

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\6409.D Vial: 13
Acq On : 10 Apr 2002 2:20 am Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 26 13:36:04 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	10.66	152	5219977	40.00	ug/l	0.00
10) Naphthalene-d8	15.78	136	19525941	40.00	ug/l	0.00
17) Acenaphthene-d10	23.67	164	11168743	40.00	ug/l	0.00
30) Phenanthrene-d10	30.91	188	18031187	40.00	ug/l	0.00
38) Chrysene-d12	39.10	240	14048256	40.00	ug/l	-0.01
44) Perylene-d12	42.31	264	7349217	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	489285	2.16	ug/ml	0.00
Spiked Amount ~~4.000~~ 5			Recovery =	~~54.00%~~ ~~67.5~~		43% (4N)

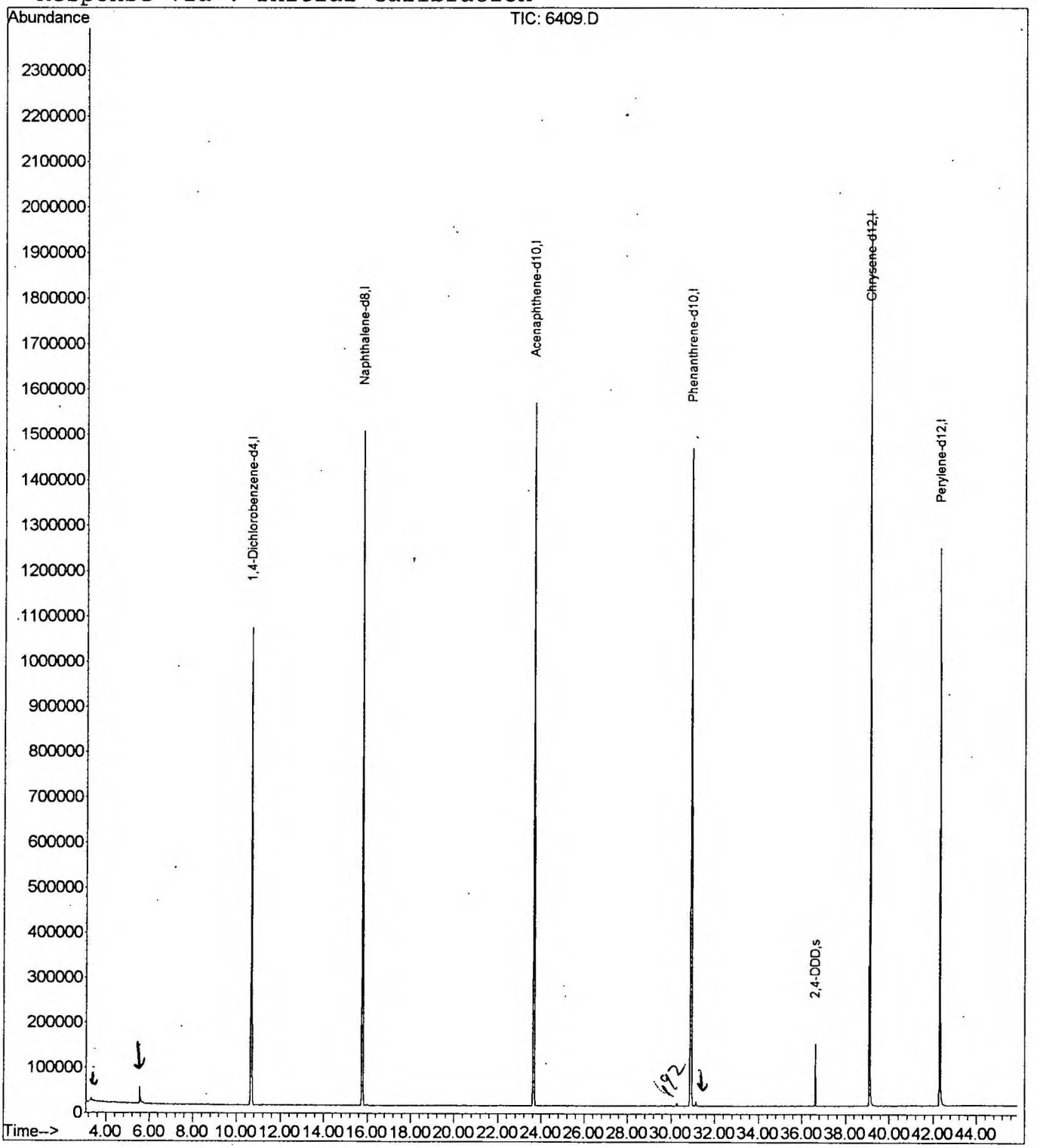
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
6409.D SCANAPR0902.M Fri Apr 26 13:36:52 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020409\6409.D Vial: 13
Acq On : 10 Apr 2002 2:20 am Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 26 13:36 2002 Quant Results File: SCANAPR090

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



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020409\6409.D Vial: 13
Acq On : 10 Apr 2002 2:20 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

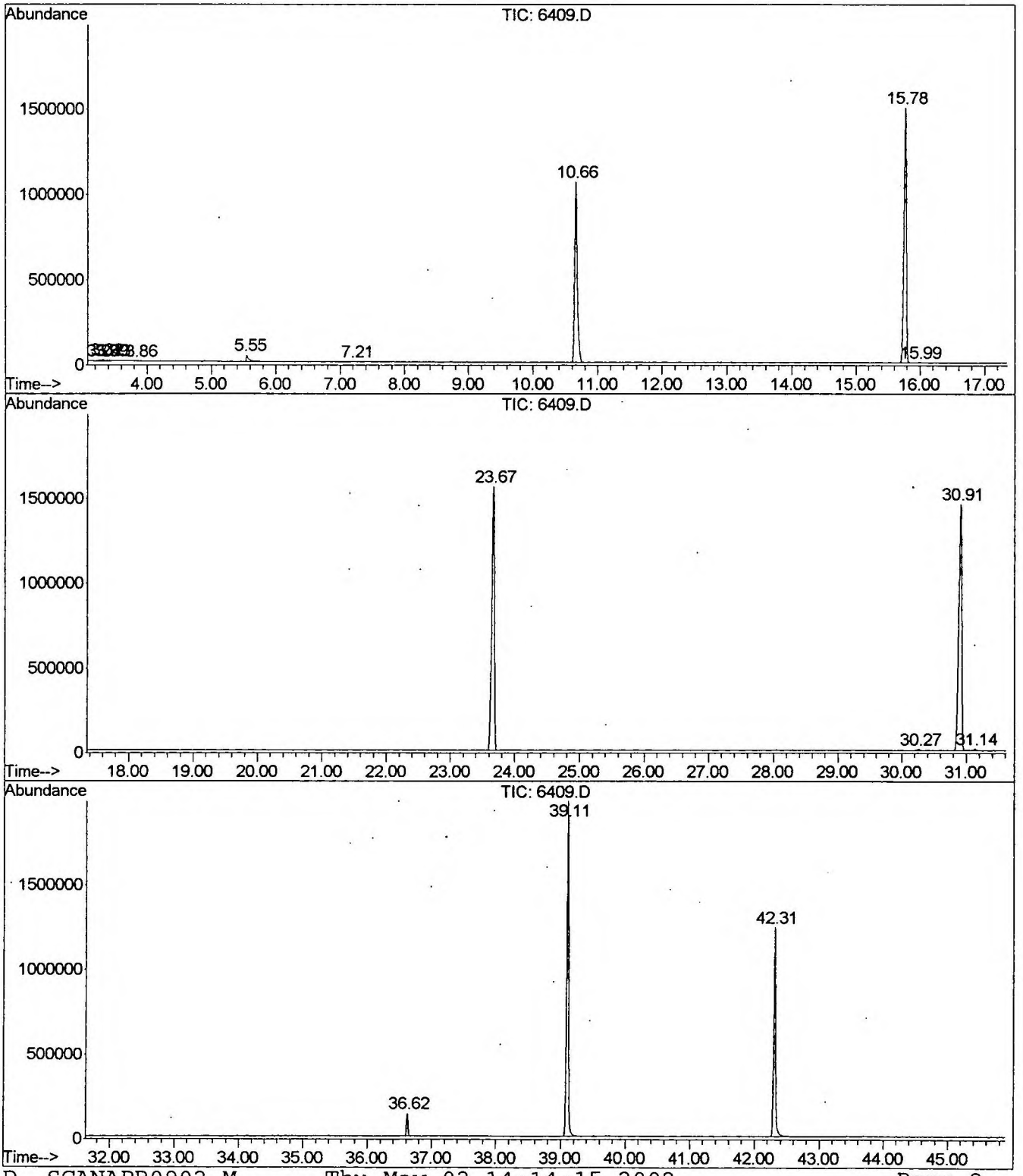
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.261	21	31	33	PV 3	4010	87777	0.19%	0.038%
2	3.320	33	41	50	VV 4	8620	296044	0.63%	0.129%
3	3.391	50	53	57	VV 3	3781	78861	0.17%	0.034%
4	3.432	57	60	63	VV 3	4486	83397	0.18%	0.036%
5	3.855	130	132	136	VV 4	2369	35294	0.08%	0.015%
6	5.553	414	421	457	PV	37033	1001577	2.15%	0.438%
7	7.204	697	702	706	PV	1411	9684	0.02%	0.004%
8	10.665	1279	1291	1317	PV	1059887	29305790	62.85%	12.815%
9	15.776	2142	2161	2175	PV	1471712	38510811	82.59%	16.840%
10	15.988	2191	2197	2208	VV 2	2473	64191	0.14%	0.028%
11	23.673	3488	3505	3516	PV	1549222	45185750	96.91%	19.758%
12	30.266	4619	4627	4636	VV 3	7735	196320	0.42%	0.086%
13	30.912	4711	4737	4758	BV 2	1440117	46627128	100.00%	20.389%
14	31.135	4762	4775	4786	VV 3	10048	252818	0.54%	0.111%
15	36.623	5702	5709	5720	VV	136454	2220117	4.76%	0.971%
16	39.102	6120	6131	6173	PV 2	1944848	40341509	86.52%	17.640%
17	42.311	6666	6677	6712	PV 2	1235774	24394569	52.32%	10.667%

Sum of corrected areas: 228691638

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020409\6409.D
Operator : McLean
Acquired : 10 Apr 2002 2:20 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: 3/18
Misc Info :
Vial Number: 13
Quant File :SCANAPR0902.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020409\6409.D
Acq On : 10 Apr 2002 2:20 am
Sample : 3/18
Misc :
MS Integration Params: LSCINT.e

Vial: 13
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

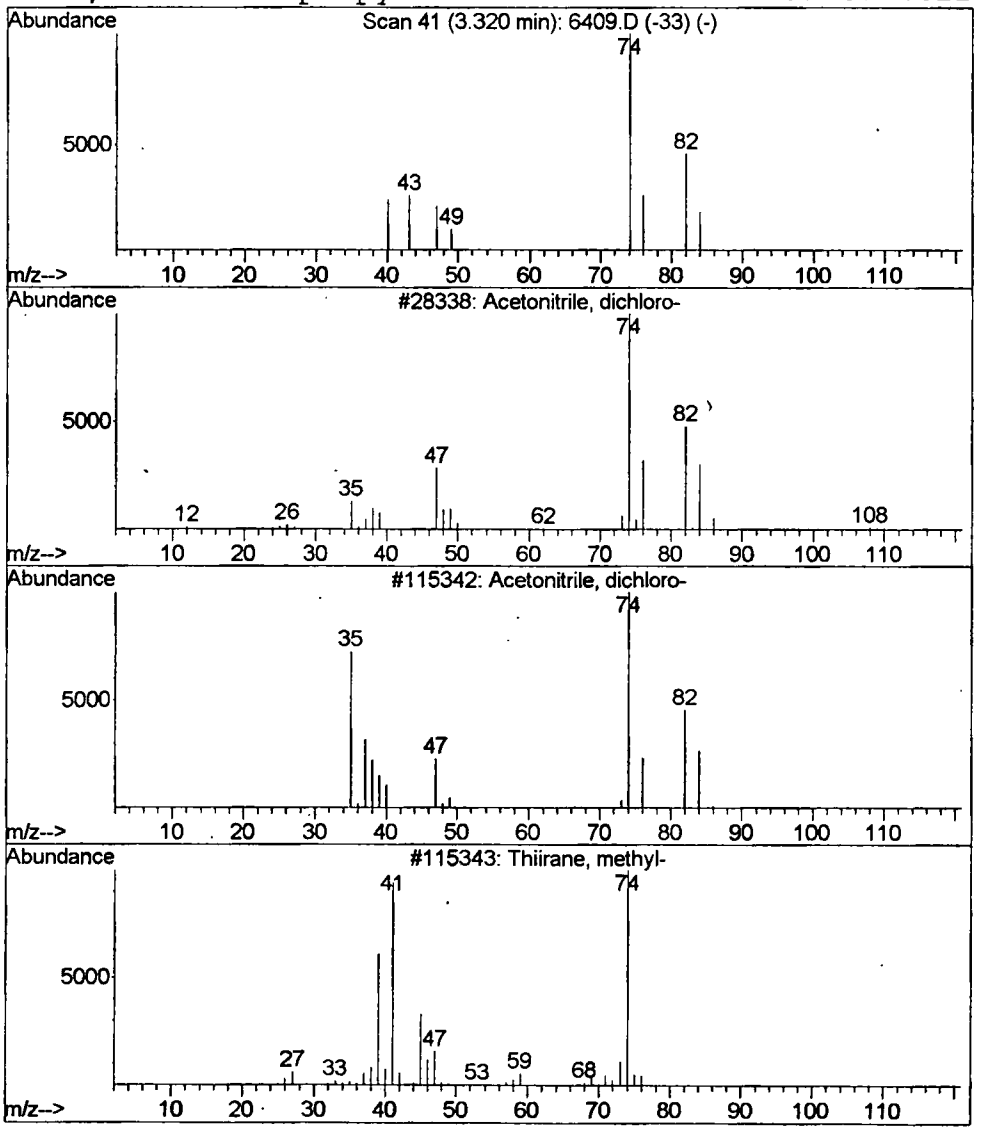
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

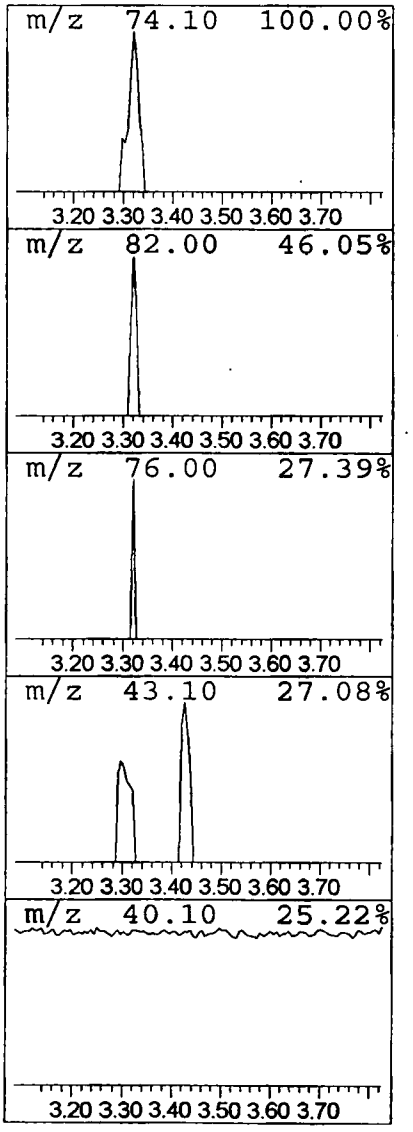
****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	0.40 ug/l	296044	1,4-Dichlorobenzene-d4	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	64
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	64
3	Thiirane, methyl-	74	C3H6S	001072-43-1	4
4	3,3-Dichloropropyne	108	C3H2Cl2	1000222-23-9	4





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020409\6409.D
Acq On : 10 Apr 2002 2:20 am
Sample : 3/18
Misc :
MS Integration Params: LSCINT.e

Vial: 13
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

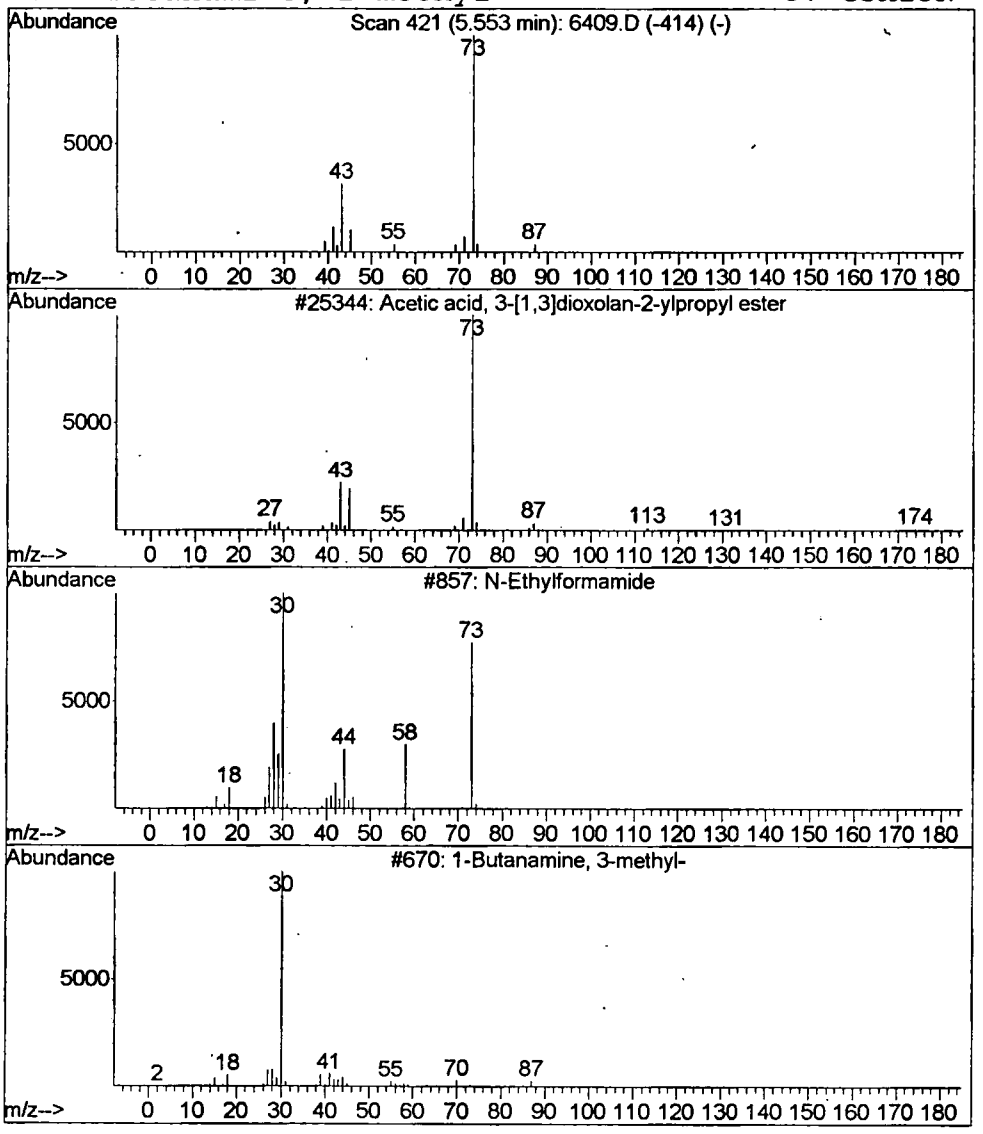
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

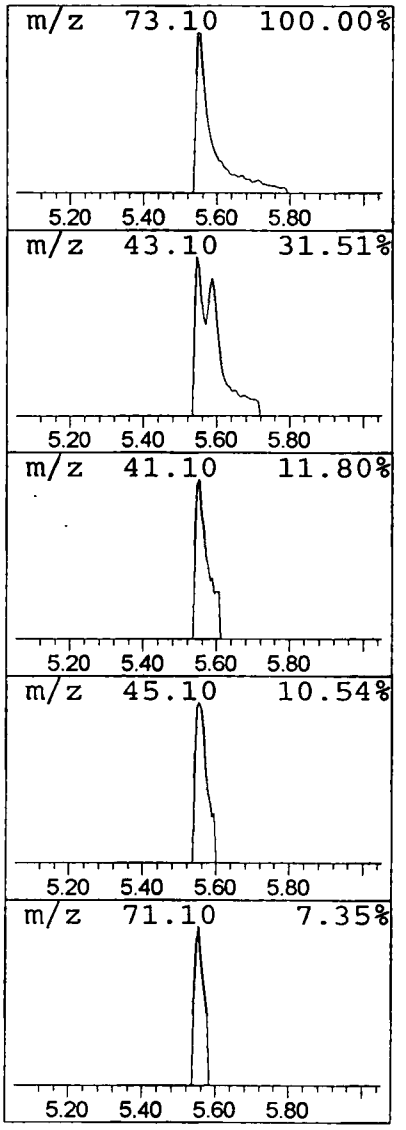
****

Peak Number 2 Acetic acid, 3-[1,3]dioxola... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	1.37 ug/l	1001580	1,4-Dichlorobenzene-d4	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	50
2	N-Ethylformamide	73	C3H7NO	000627-45-2	5
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5
4	1-Butanamine, 2-methyl-	87	C5H13N	000096-15-1	5





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020409\6409.D Vial: 13
Acq On : 10 Apr 2002 2:20 am Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

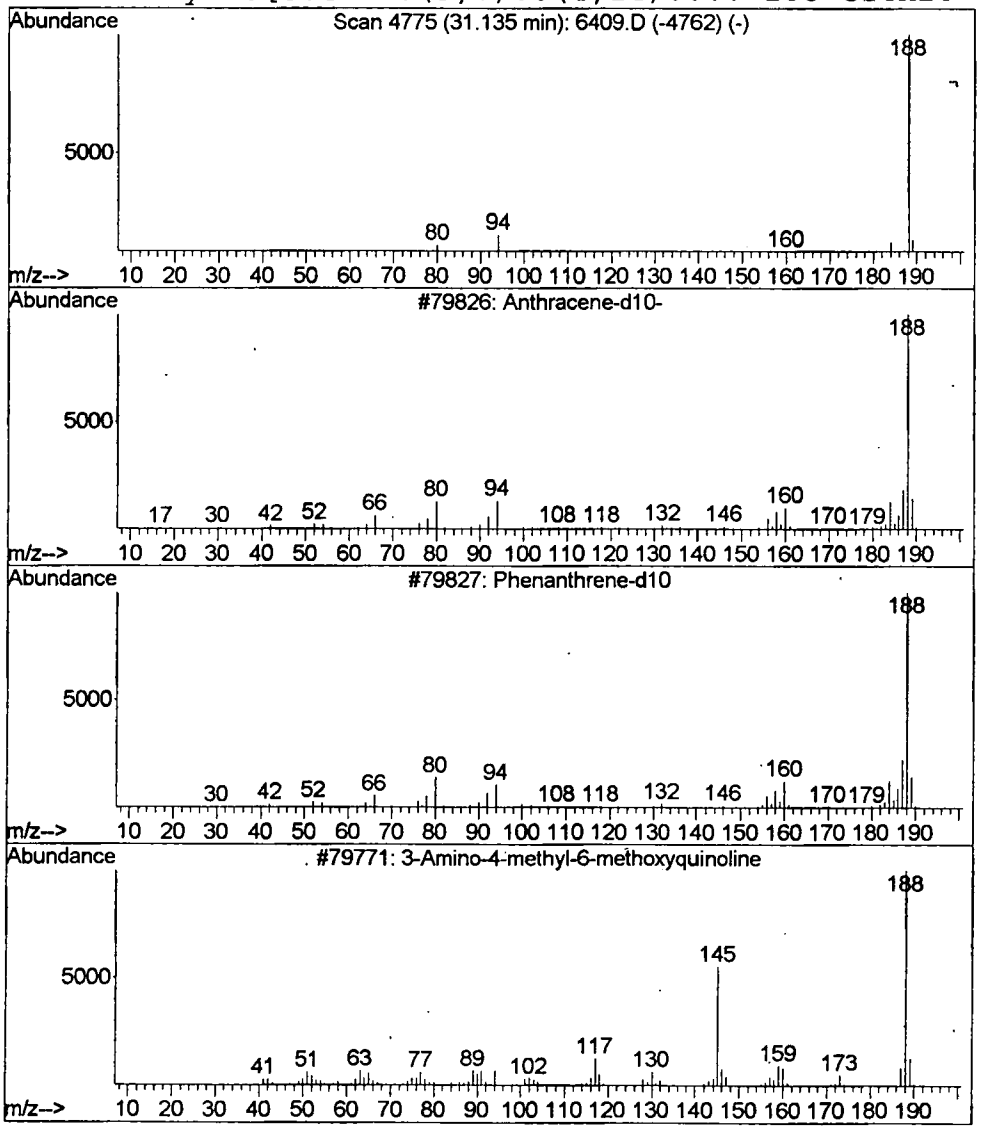
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

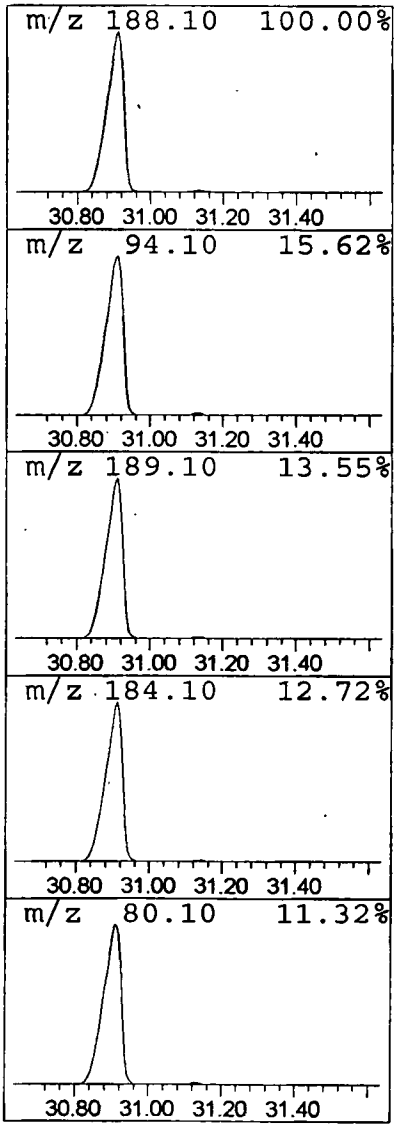
****

Peak Number 3 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.14	0.22 ug/l	252818	Phenanthrene-d10	30.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	86
2	Phenanthrene-d10	188	C14D10	001517-22-2	78
3	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	64
4	Pentacyclo[8.4.0.0(3,7).0(4,14)....	188	C14H20	1000099-27-2	50





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 10 Apr 2002 2:20 am
Data File: C:\MSDCHEM\1\DATA\020409\6409.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...	3.32	0.4	ug/l	296044	1	10.66	29305800	40.0
~~Acetic acid,~~ 3-[1...	5.55	1.4	ug/l	1001580	1	10.66	29305800	40.0
~~Anthracene~~-d10-	31.14	0.2	ug/l	252818	4	30.91	46627100	40.0

V. Phenanthrene-d10