User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/07/2002 Time: 11:19:11

Sample: AE08970
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/7/02 11:18 Ended: 5/7/02 11:18 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		87		10.0

Comments for Sample AE08970 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-07-2002 Time: 11:19:16

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveyr for 1 of the 43 compounds in the LCS Standard was low.

Data File : C:\MSDCHEM\1\DATA\020424\08970.D Vial: 18
Acq On : 25 Apr 2002 2:34 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 26 10:30:23 2002 Quant Results File: SCAN020424.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Wed Apr 24 08:54:34 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.38	152	9297017	40.00	ug/l	-0.01
10) Naphthalene-d8	16.54	136	36176606	40.00	ug/l	-0.03
17) Acenaphthene-d10	24.46	164	19995193	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	29520549	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	21603228	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	14051087	40.00	ug/l	-0.02
System Monitoring Compounds						
27) TCMX	27.54	207	983953	8.74	ug/l	-0.03
Spiked Amount 10.000			Recovery = 87.40%			
Target Compounds						Qvalue
43) Bis(2-ethylhexyl)phthalate	40.53	149	104434	0.27	ug/l	91

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

Quantitation Report (QT Reviewed)

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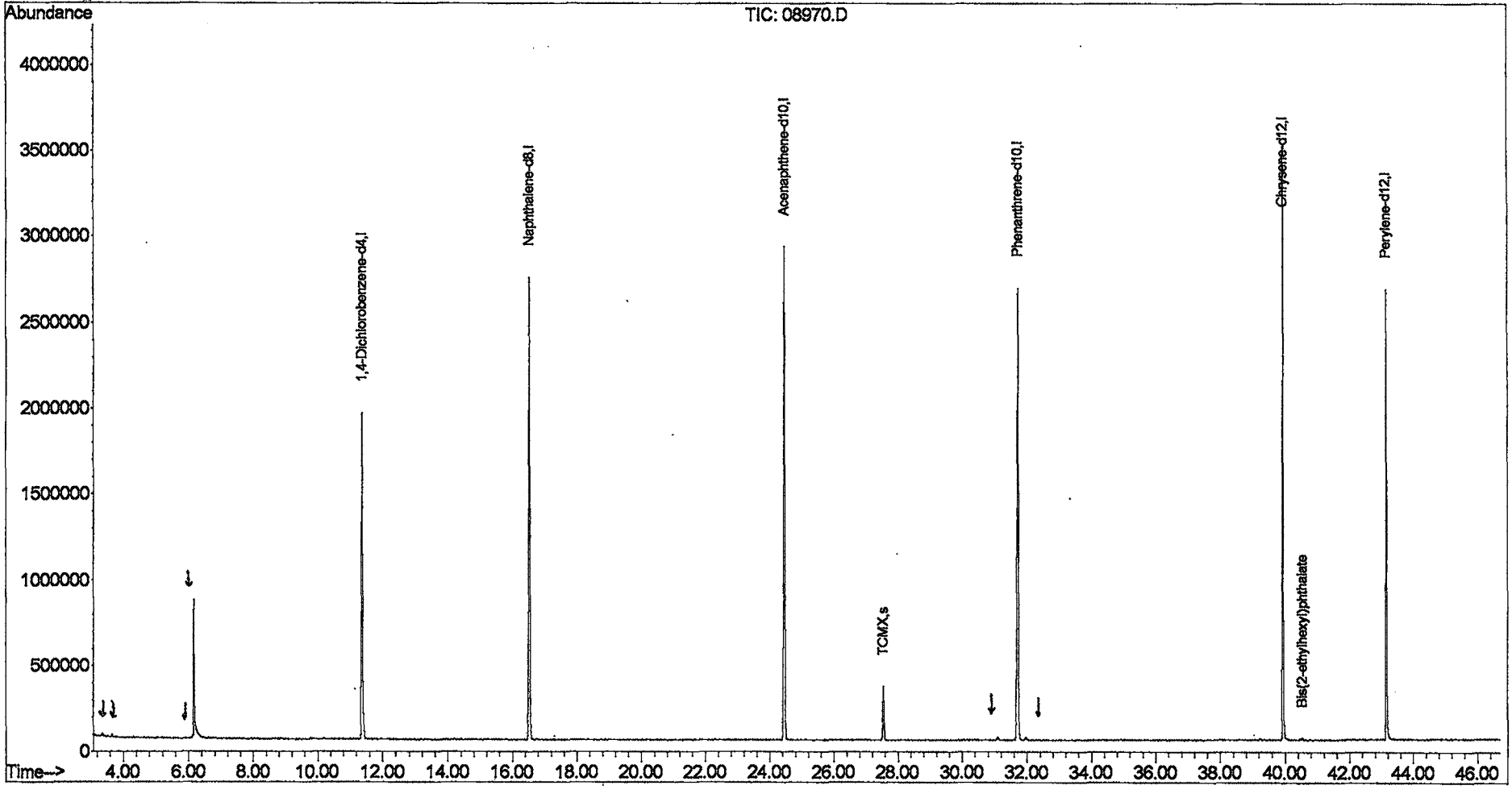
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 26 10:34 2002 Quant Results File: SCAN020424.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Wed Apr 24 08:54:34 2002
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\020424\08970.D Vial: 18
Acq On : 25 Apr 2002 2:34 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 5 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

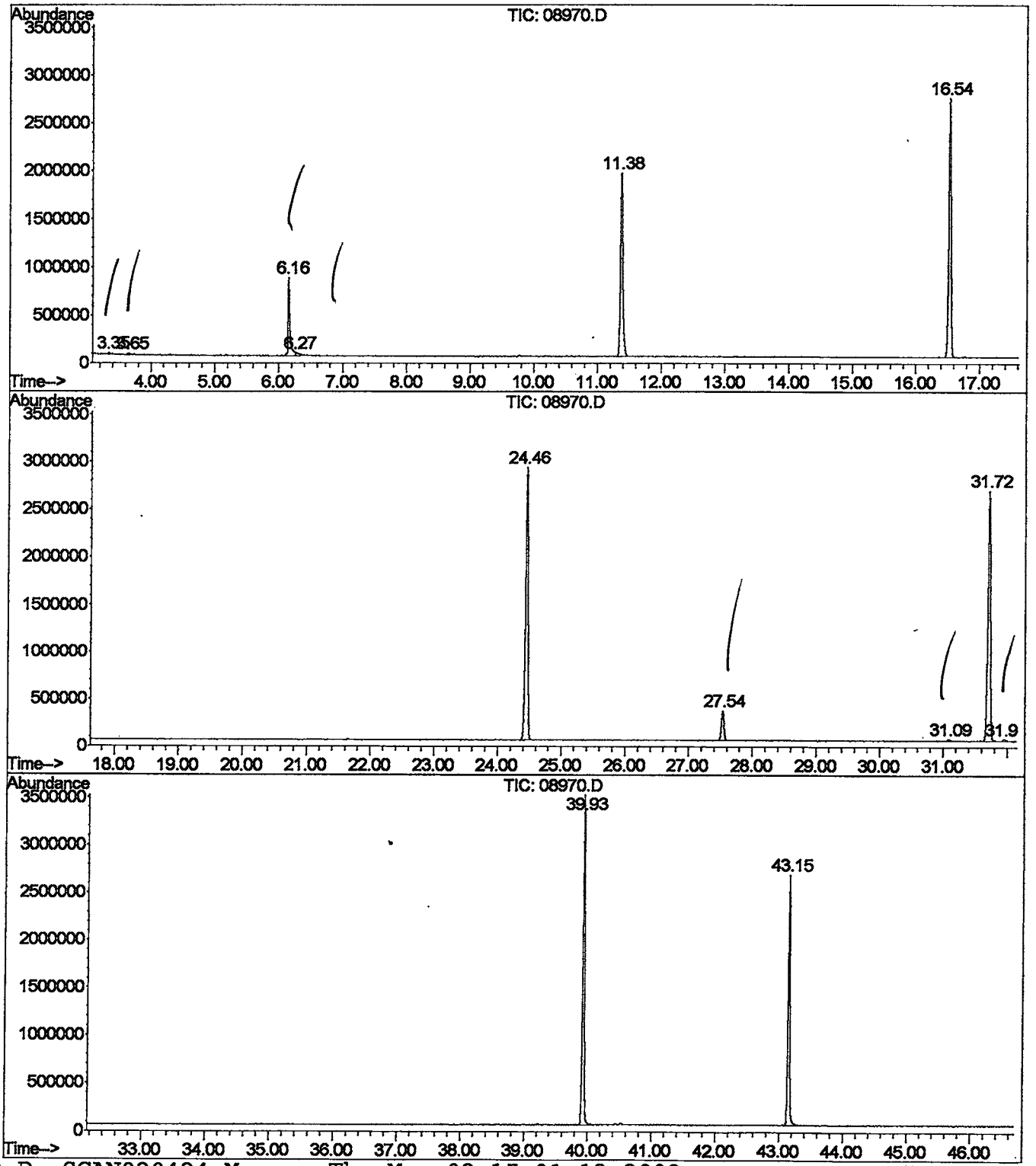
If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.349	43	46	60	VV	2 17291	259928	0.34%	0.064%
2	3.655	92	98	104	PV	3 15784	242045	0.32%	0.060%
3	6.158	511	524	542	PV	782591	15803203	20.87%	3.911%
4	6.276	542	544	567	VV	2 31853	1285583	1.70%	0.318%
5	11.376	1398	1412	1432	PV	1902999	48005424	63.39%	11.881%
6	16.534	2275	2290	2306	PV	2673983	66845811	88.26%	16.544%
7	24.460	3620	3639	3662	PV	2880967	75734827	100.00%	18.743%
8	27.539	4150	4163	4176	PV	3 312948	8461028	11.17%	2.094%
9	31.094	4755	4768	4783	PV	4 18018	652091	0.86%	0.161%
10	31.717	4858	4874	4896	PV	2 2596383	73760317	97.39%	18.255%
11	31.958	4908	4915	4924	VV	4 18288	526355	0.69%	0.130%
12	39.931	6261	6272	6302	PV	2 3382215	63491507	83.83%	15.713%
13	43.157	6807	6821	6847	PV	2 2569184	48992078	64.69%	12.125%

Sum of corrected areas: 404060197

File : C:\MSDCHEM\1\DATA\020424\08970.D
Operator : Nefliu
Acquired : 25 Apr 2002 2:34 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 18
Quant File :SCAN020424.RES (Chemstation Integrator)



Data File : C:\MSDCHEM\1\DATA\020424\08970.D Vial: 18
Acq On : 25 Apr 2002 2:34 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

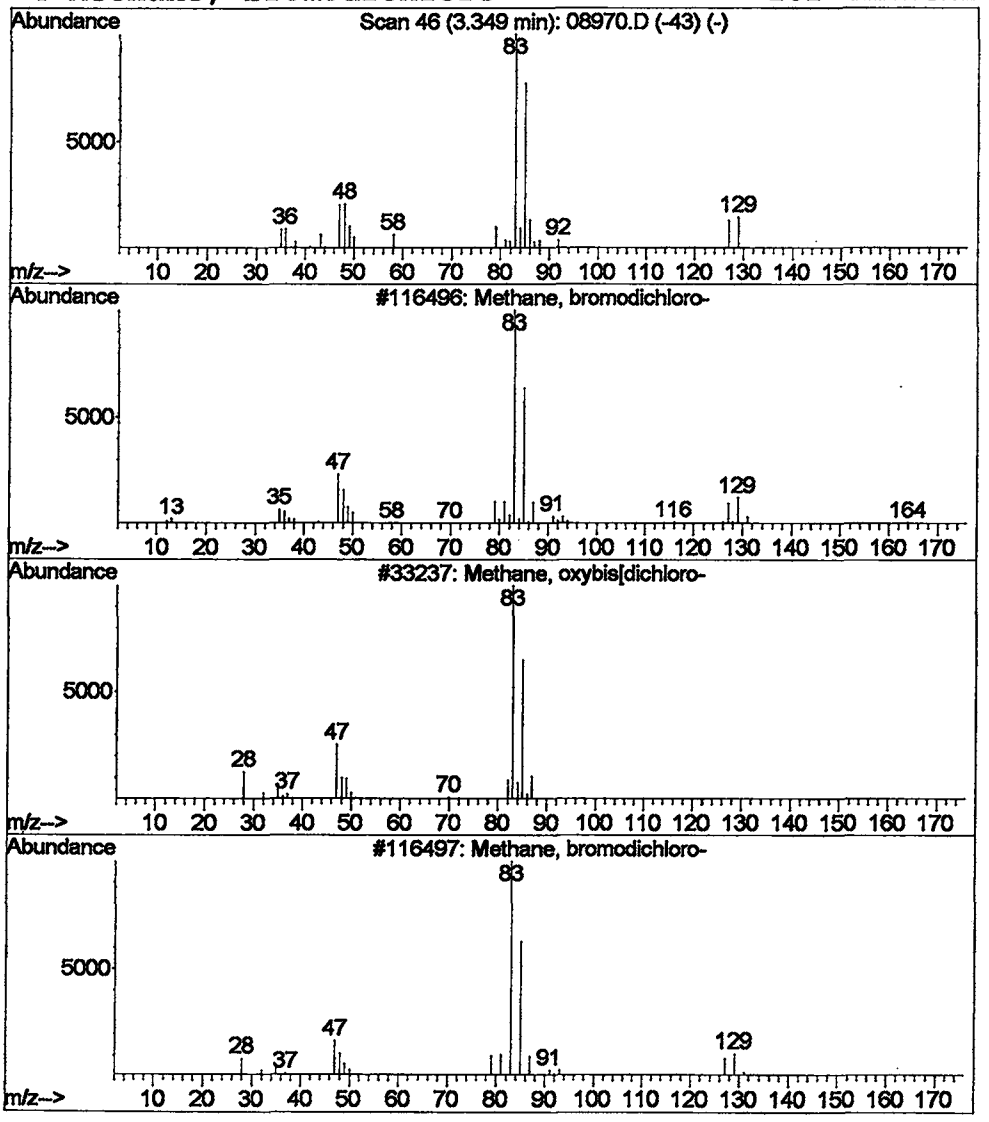
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

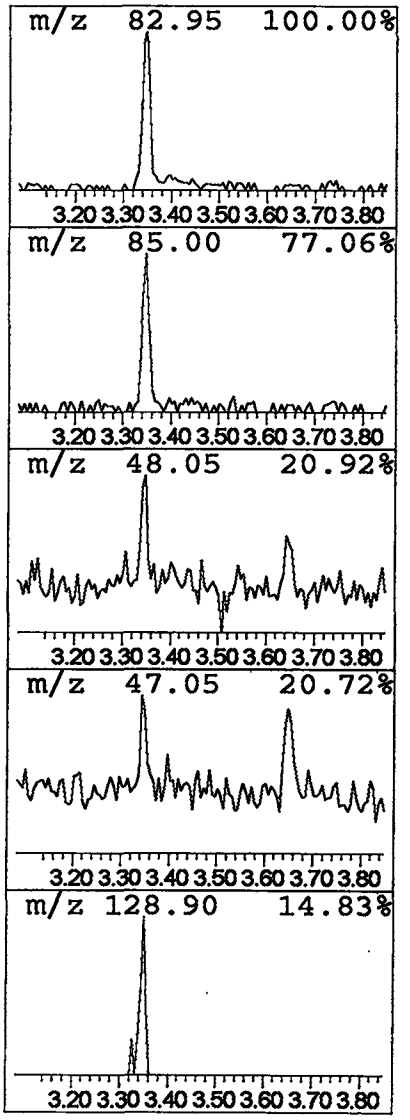
****

Peak Number 1 Methane, bromodichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.35	0.22 ug/l	259928	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	78
2	Methane, oxybis[dichloro-	182	C2H2Cl4O	020524-86-1	64
3	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	64
4	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	64





Data File : C:\MSDCHEM\1\DATA\020424\08970.D Vial: 18
Acq On : 25 Apr 2002 2:34 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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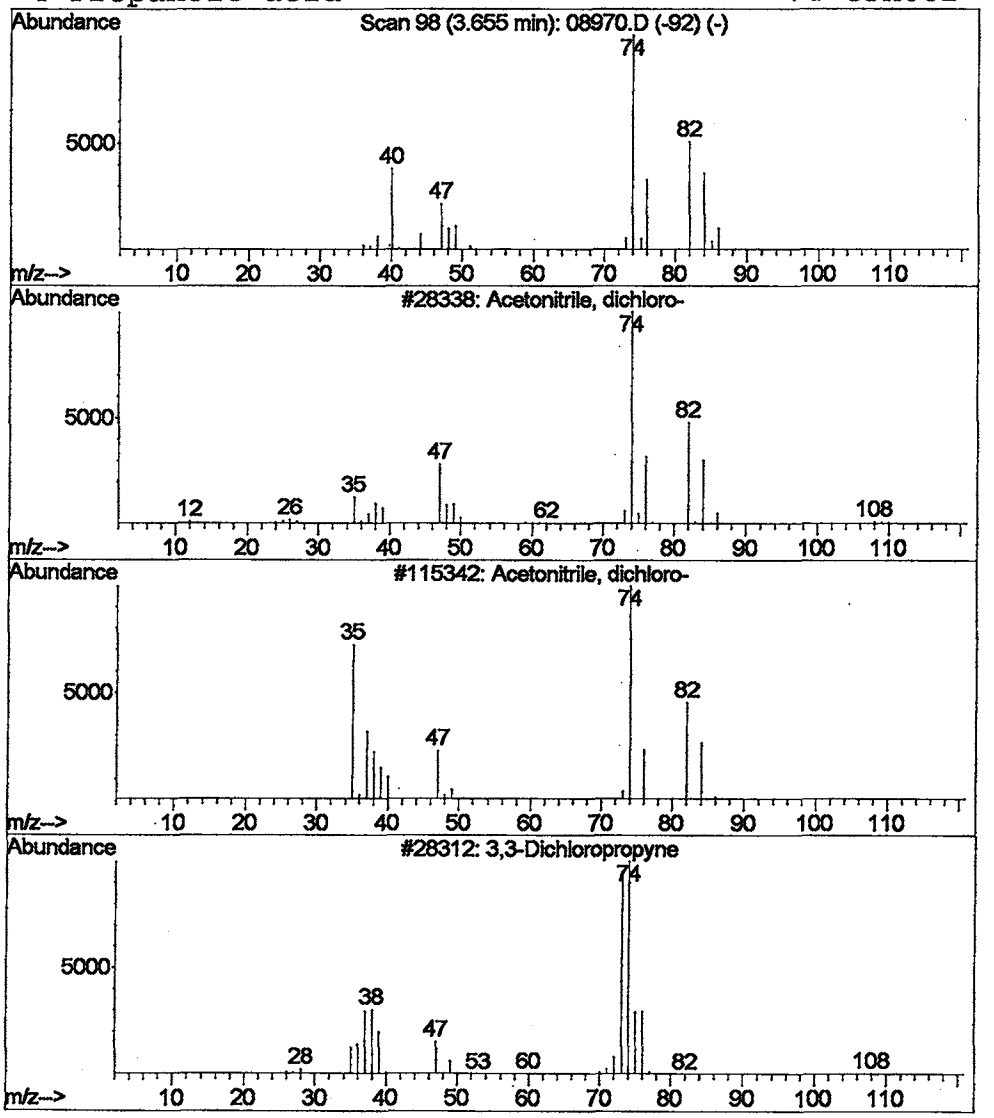
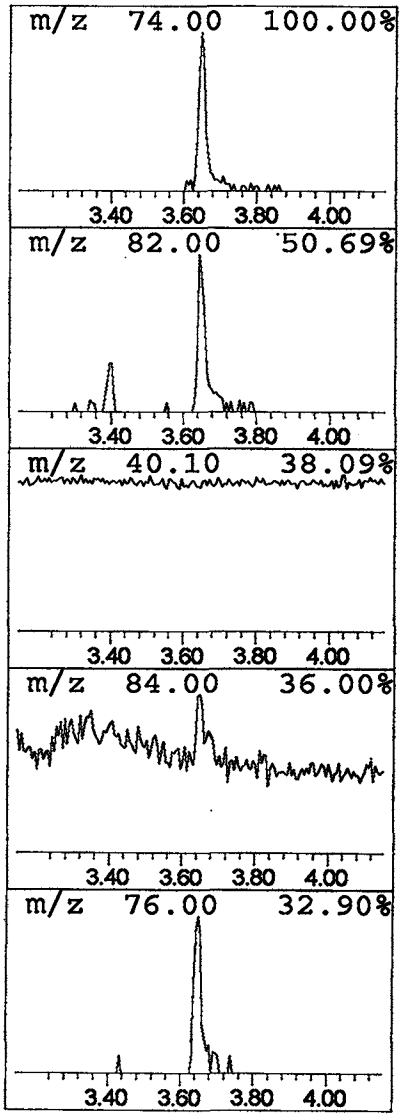
Peak Number 2 Acetonitrile, dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	0.20 ug/l	242045	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	83
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	64
3	3,3-Dichloropropyne	108	C3H2Cl2	1000222-23-9	9
4	Propanoic acid	74	C3H6O2	000079-09-4	5





Data File : C:\MSDCHEM\1\DATA\020424\08970.D Vial: 18
Acq On : 25 Apr 2002 2:34 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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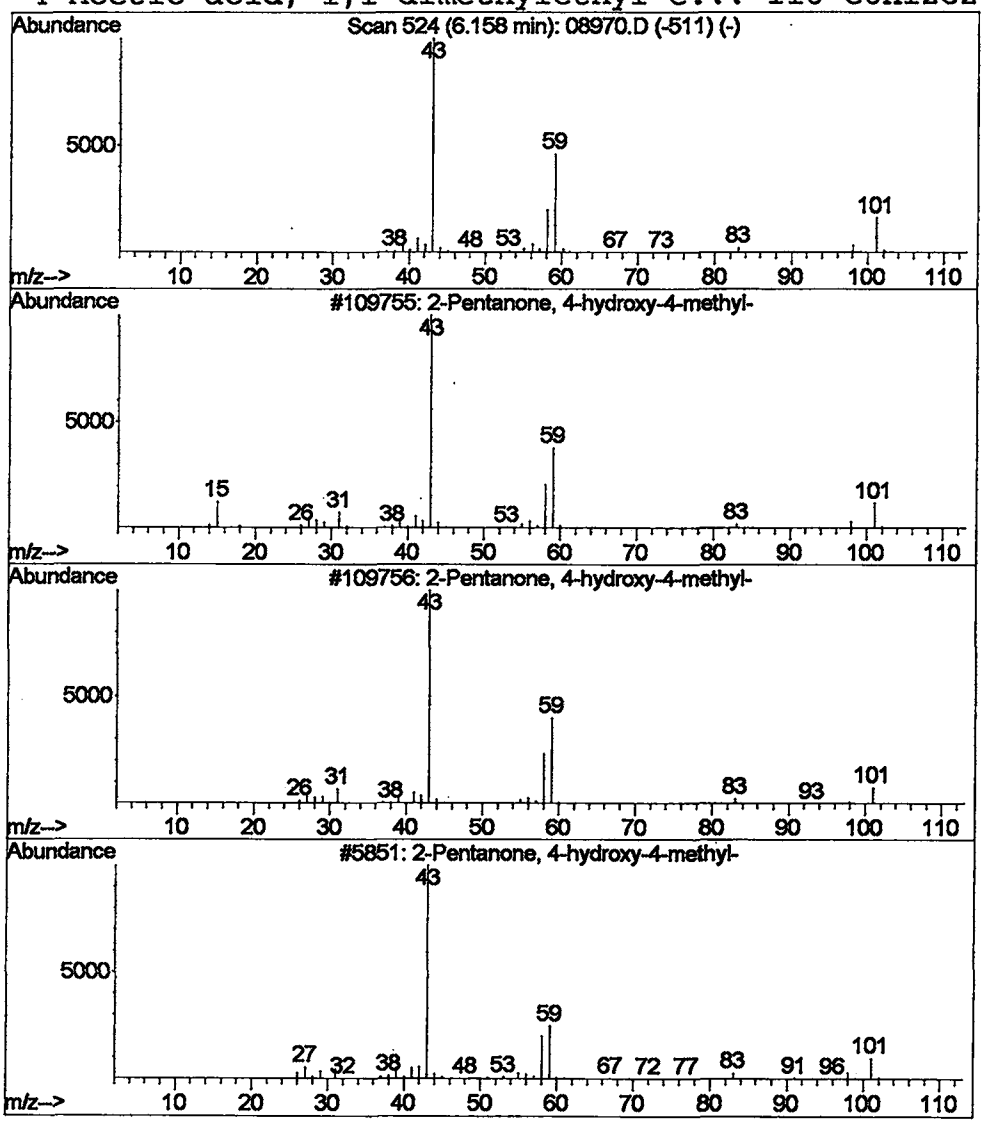
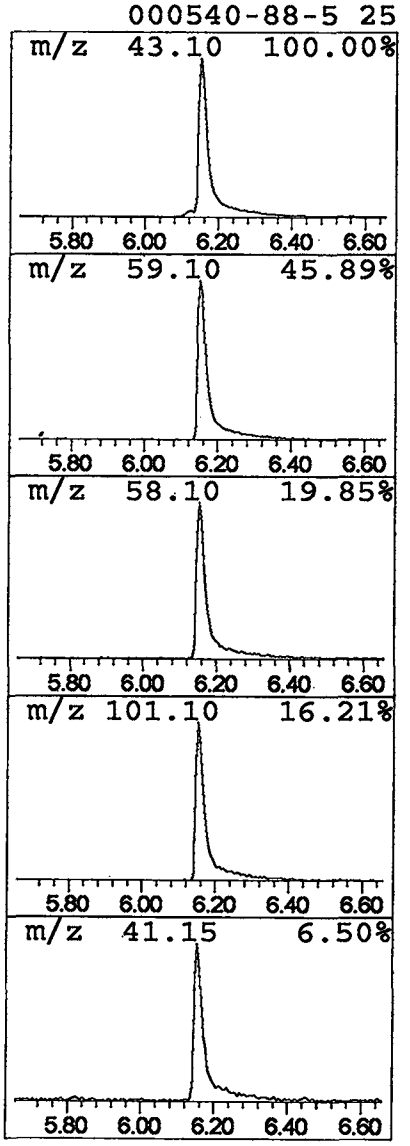
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	13.17 ug/l	15803200	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25





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Acq On : 25 Apr 2002 2:34 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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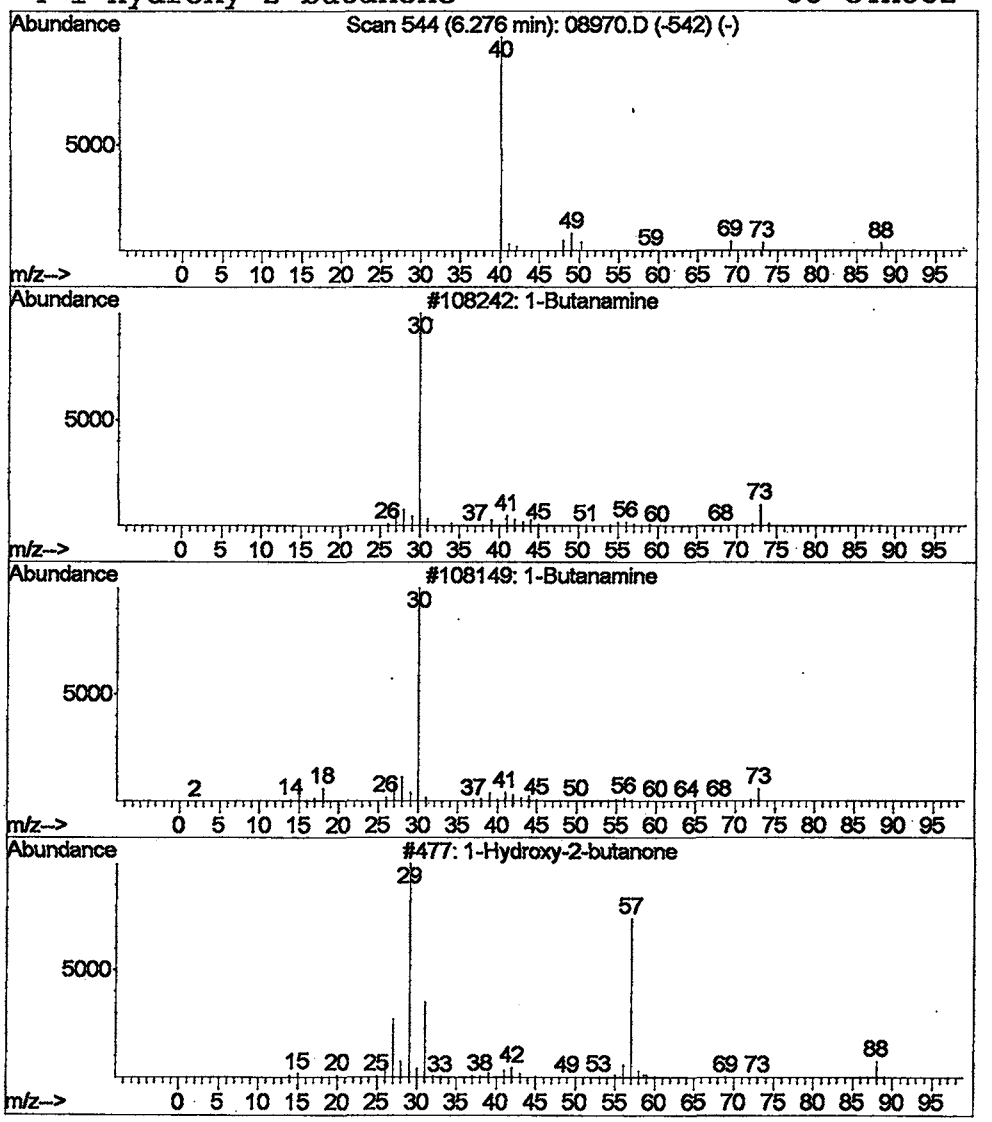
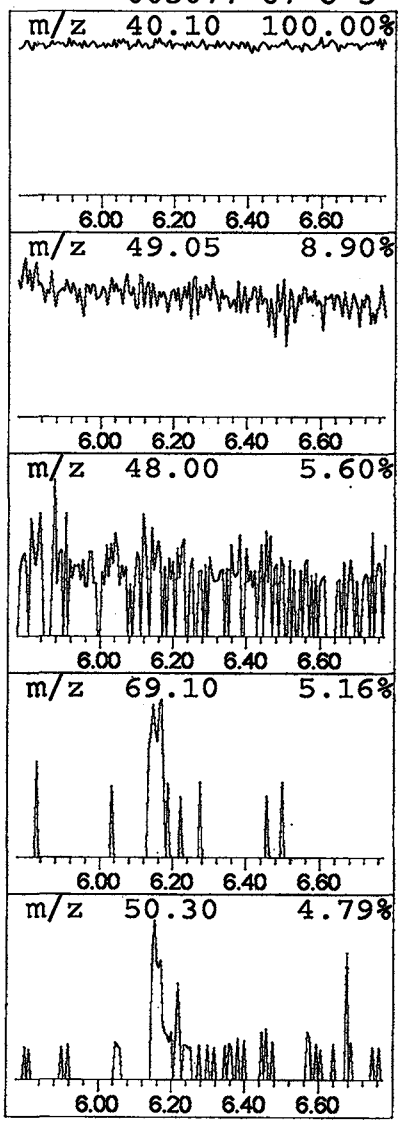
Peak Number 4 1-Butanamine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	1.07 ug/l	1285580	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanamine	73	C4H11N	000109-73-9	4
2	1-Butanamine	73	C4H11N	000109-73-9	4
3	1-Hydroxy-2-butanone	88	C4H8O2	005077-67-8	4
4	1-Hydroxy-2-butanone	88	C4H8O2	005077-67-8	3





Data File : C:\MSDCHEM\1\DATA\020424\08970.D Vial: 18
Acq On : 25 Apr 2002 2:34 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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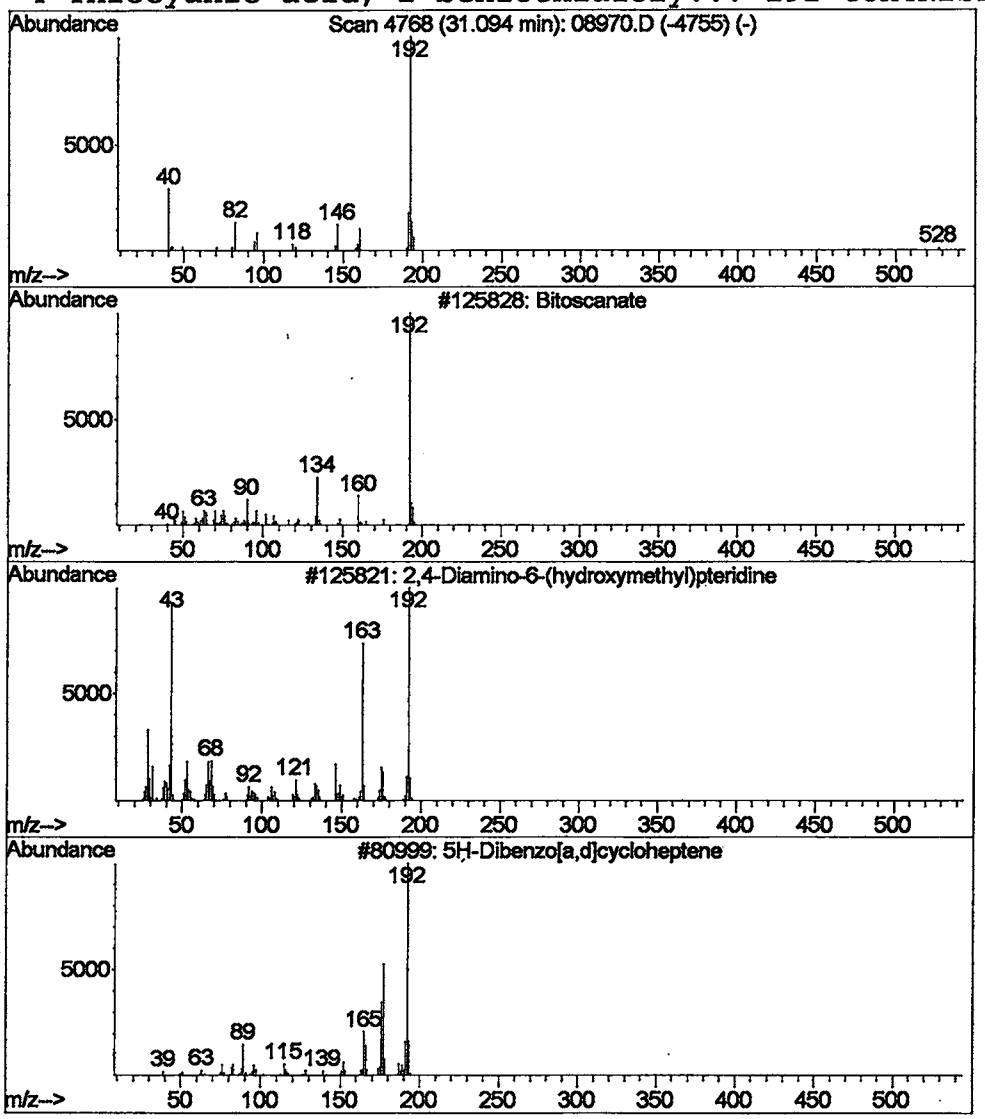
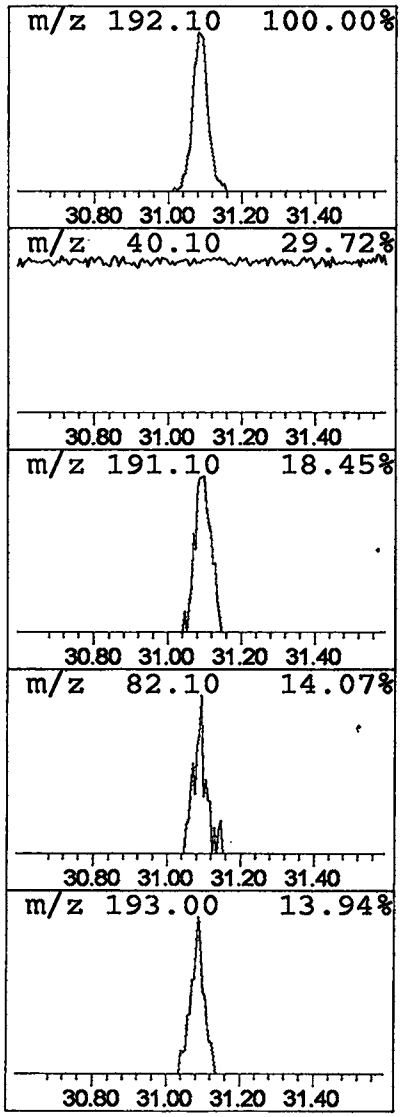
Peak Number 5 Bitoscanate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.35 ug/l	652091	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bitoscanate	192	C8H4N2S2	004044-65-9	59
2	2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	45
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	45
4	Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	42





Data File : C:\MSDCHEM\1\DATA\020424\08970.D Vial: 18
Acq On : 25 Apr 2002 2:34 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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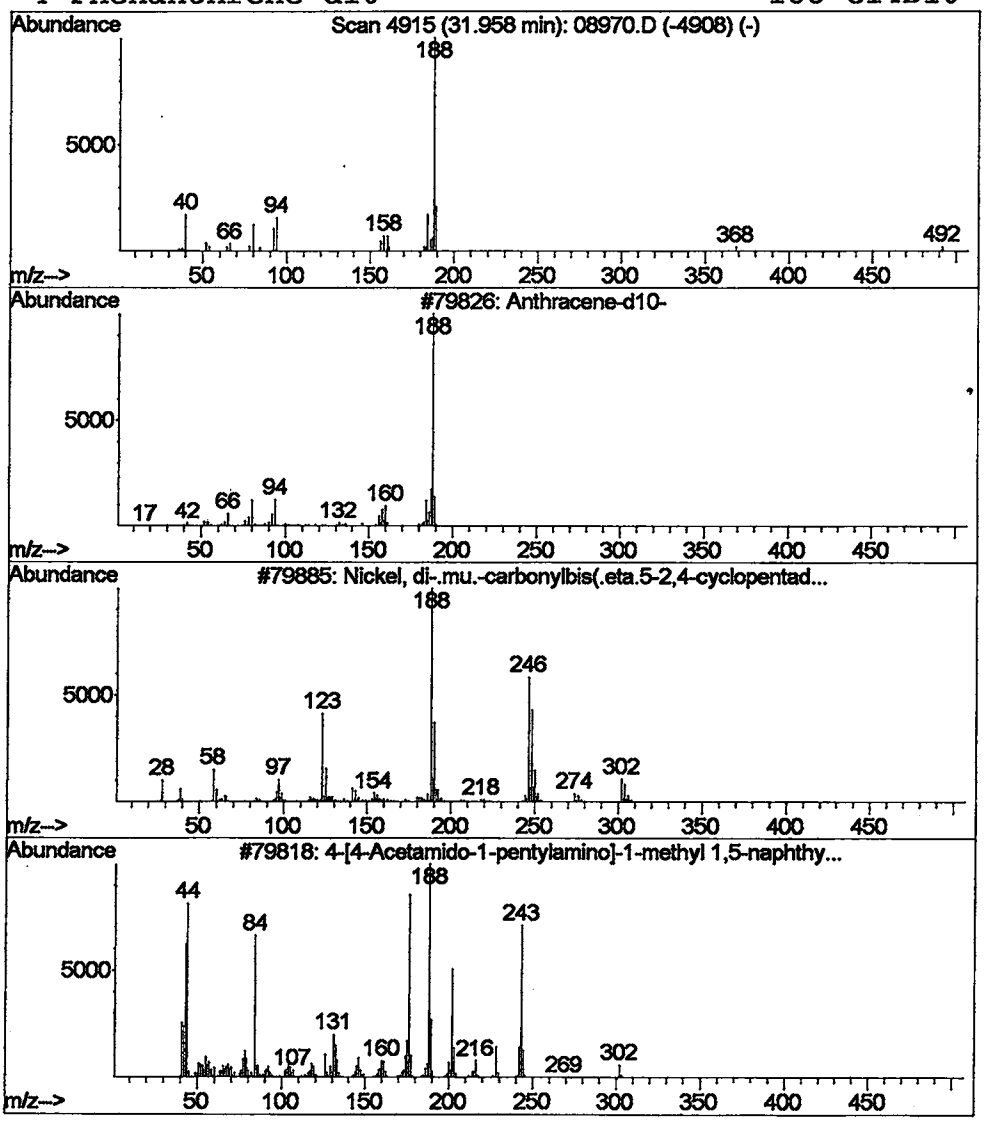
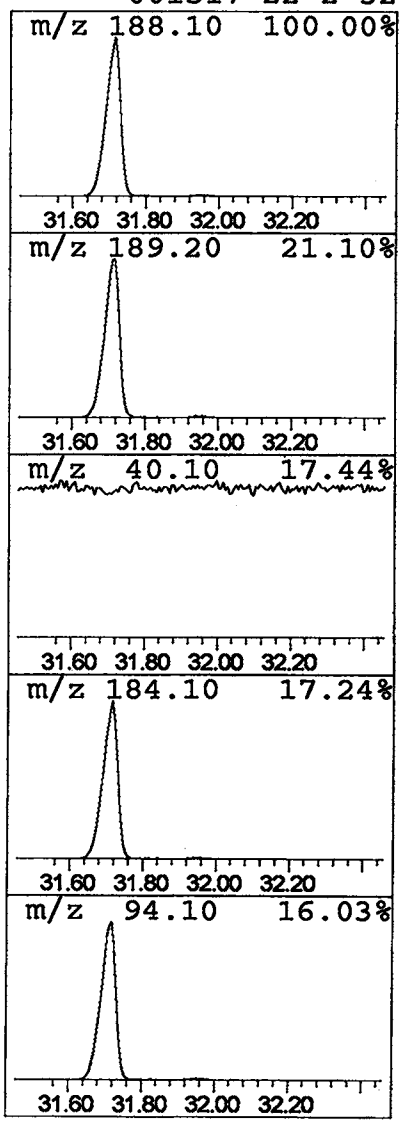
Peak Number 6 Anthracene-d10- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.29 ug/l	526355	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	86
2	Nickel, di-.mu.-carbonylbis(.eta...	302	C12H10Ni2O2	012170-92-2	43
3	4-[4-Acetamido-1-pentylamino]-1-...	302	C16H22N4O2	1000213-35-9	33
4	Phenanthrene-d10	188	C14D10	001517-22-2	32





Operator ID: Nefliu Date Acquired: 25 Apr 2002 2:34 am
Data File: C:\MSDCHEM\1\DATA\020424\08970.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020424.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
Methane, bromodic...	3.35	0.2	ug/l	259928	1	11.38	48005400	40.0
Acetonitrile, dic...	3.65	0.2	ug/l	242045	1	11.38	48005400	40.0
2-Pentanone, 4-hy...	6.16	13.2	ug/l	15803200	1	11.38	48005400	40.0
~~1-Butanamine~~	6.27	1.1	ug/l	1285580	1	11.38	48005400	40.0
~~Bitoscanate~~	31.09	0.4	ug/l	652091	4	31.72	73760300	40.0
~~Anthracene-d10-~~	31.96	0.3	ug/l	526355	4	31.72	73760300	40.0

Phenanthrene-d10