User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/07/2002 Time: 11:09:04

Sample: AE08960
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/7/02 11:08 Ended: 5/7/02 11:08 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		73		10.0

Comments for Sample AE08960 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-07-2002 Time: 11:09:35

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.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020424\08960.D Vial: 11
Acq On : 24 Apr 2002 7:42 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 26 09:48:46 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

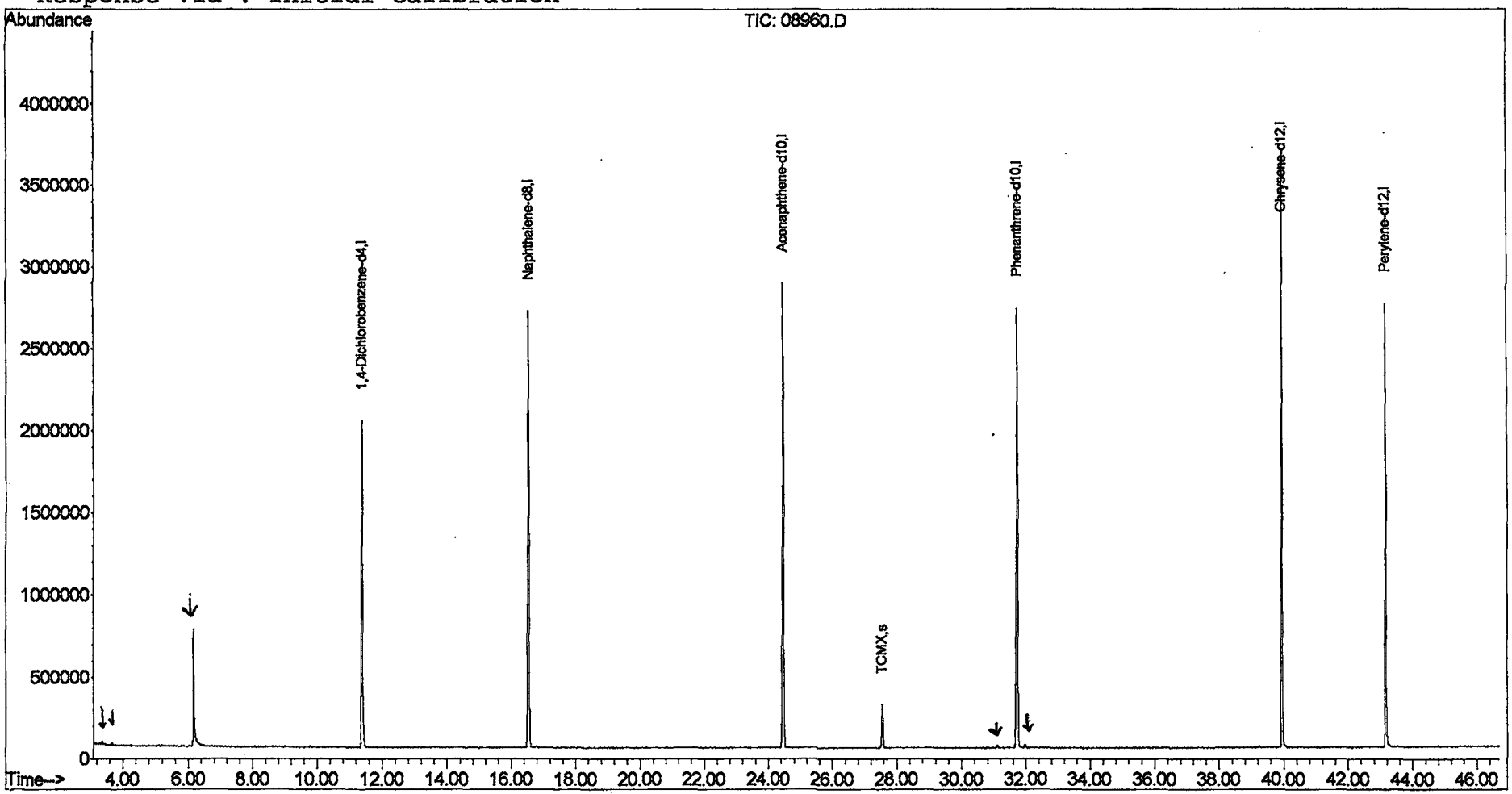
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.38	152	9586110	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	37224076	40.00	ug/l	-0.03
17) Acenaphthene-d10	24.46	164	20559710	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	30188277	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	23082857	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	14608281	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.54	207	842419	7.28	ug/l	-0.03
Spiked Amount 10.000			Recovery = 72.80%			
Target Compounds						Qvalue

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020424\08960.D Vial: 11
Acq On : 24 Apr 2002 7:42 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 26 9:50 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\08960.D Vial: 11
Acq On : 24 Apr 2002 7:42 pm 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

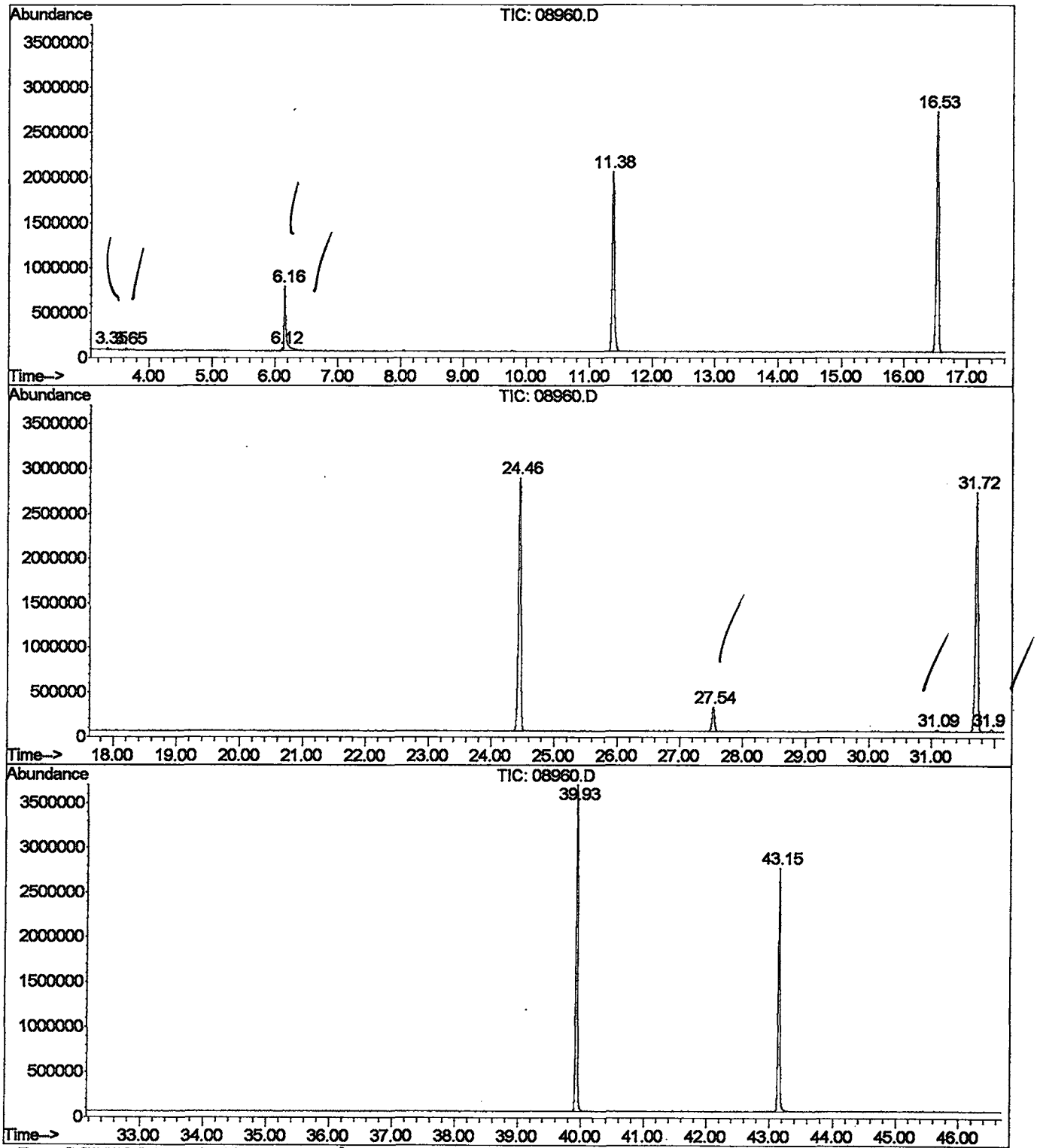
If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.350	36	46	51	PV	2 20182	288818	0.37%	0.070%
2	3.649	93	97	104	PV	2 21509	297711	0.38%	0.072%
3	6.123	508	518	520	PV	2 34191	473819	0.61%	0.114%
4	6.158	520	524	573	VV	692423	14631199	18.86%	3.530%
5	11.376	1394	1412	1433	BV	1983546	49338077	63.61%	11.903%
6	16.534	2275	2290	2309	PV	2648131	68641729	88.50%	16.560%
7	24.460	3620	3639	3650	PV	2823793	77561231	100.00%	18.712%
8	27.539	4150	4163	4175	PV	3 267578	7464006	9.62%	1.801%
9	31.088	4750	4767	4777	BV	5 15112	430840	0.56%	0.104%
10	31.717	4857	4874	4891	VV	2 2639600	75991245	97.98%	18.334%
11	31.958	4903	4915	4927	VV	3 25463	845046	1.09%	0.204%
12	39.931	6262	6272	6298	PV	2 3580751	67635219	87.20%	16.318%
13	43.157	6810	6821	6852	PV	2 2658719	50894269	65.62%	12.279%

Sum of corrected areas: 414493208

File : C:\MSDCHEM\1\DATA\020424\08960.D
Operator : Nefliu
Acquired : 24 Apr 2002 7:42 pm using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 11
Quant File :SCAN020424.RES (Chemstation Integrator)



Data File : C:\MSDCHEM\1\DATA\020424\08960.D
Acq On : 24 Apr 2002 7:42 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

Vial: 11
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

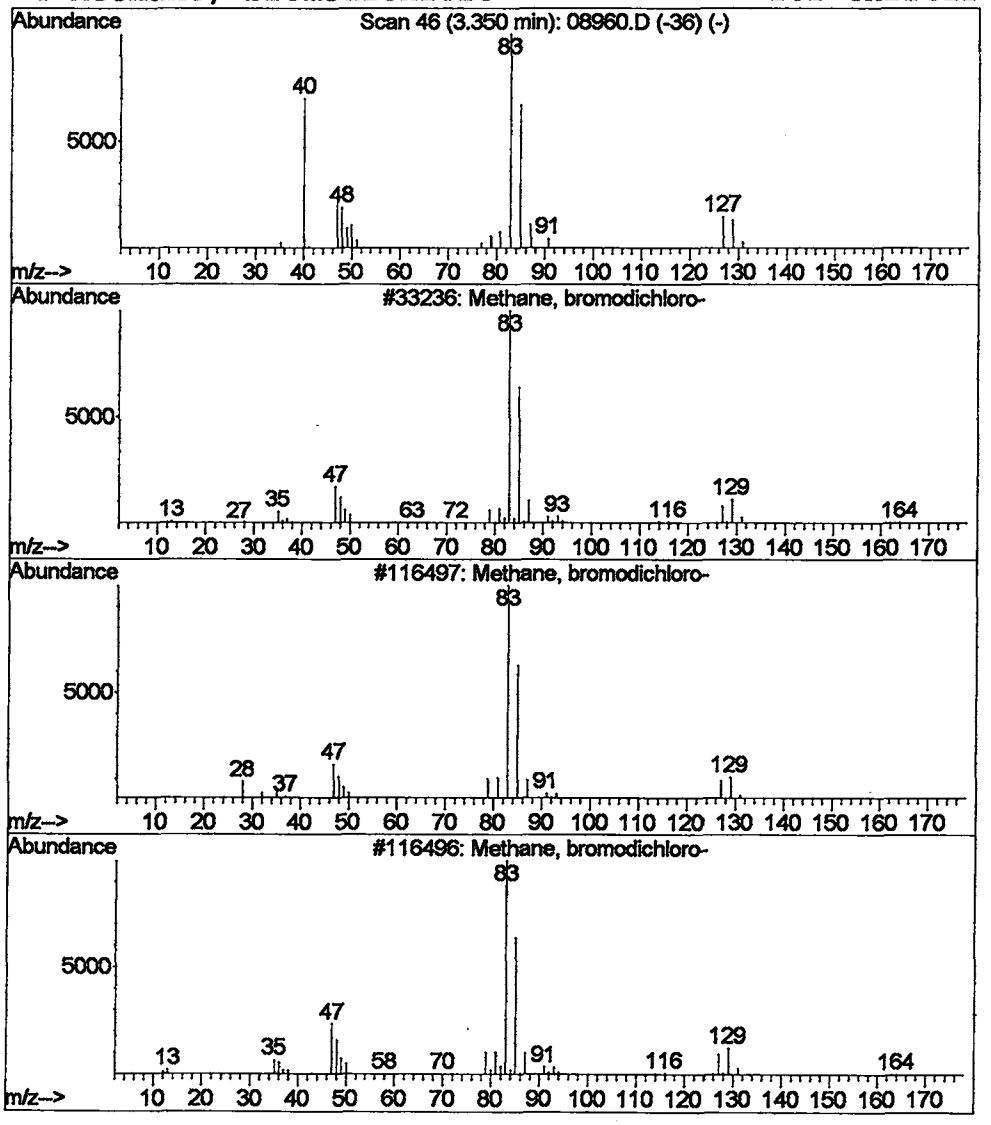
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

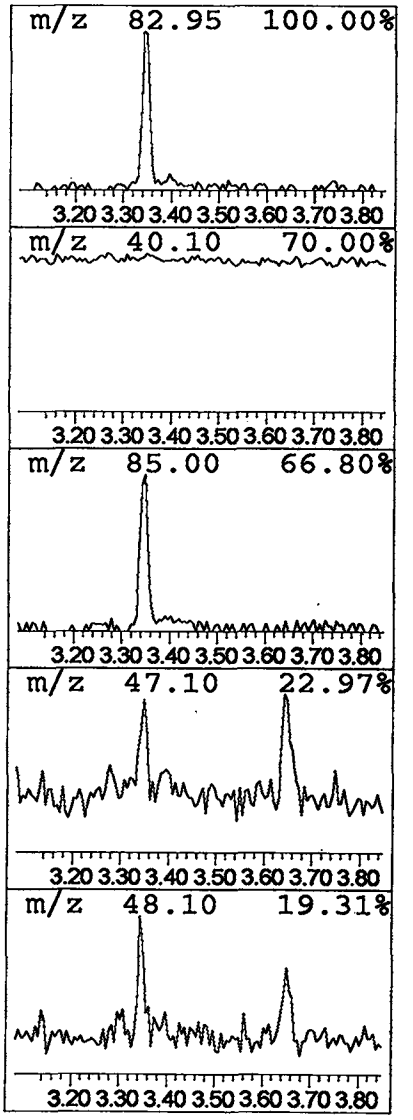
****

Peak Number 1 Methane, bromodichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.35	0.23 ug/l	288818	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, bromodichloro-	162	CHBrCl2	000075-27-4	78
3	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	74
4	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	72





Data File : C:\MSDCHEM\1\DATA\020424\08960.D Vial: 11
Acq On : 24 Apr 2002 7:42 pm 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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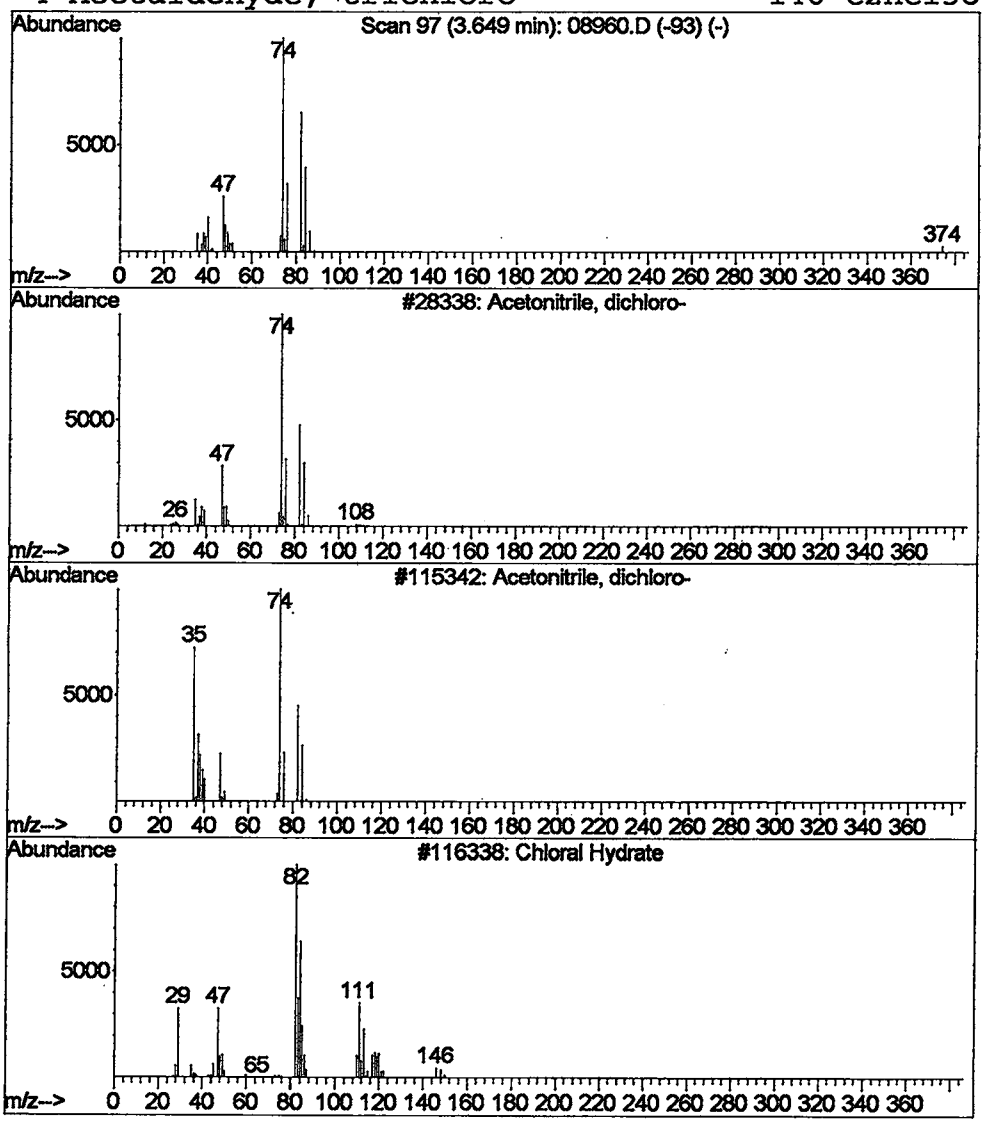
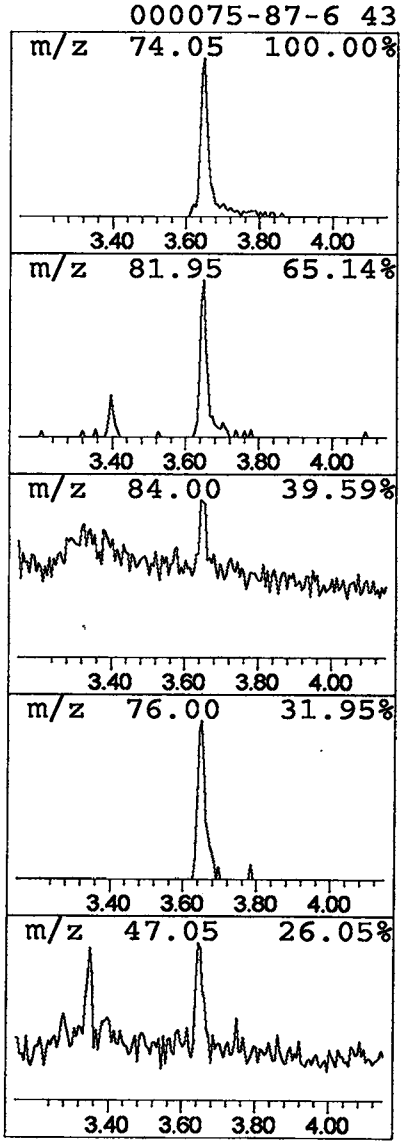
Peak Number 2 Acetonitrile, dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	0.24 ug/l	297711	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	72
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	64
3	Chloral Hydrate	164	C2H3Cl3O2	000302-17-0	43
4	Acetaldehyde, trichloro-	146	C2HCl3O	000075-87-6	43





Data File : C:\MSDCHEM\1\DATA\020424\08960.D Vial: 11
Acq On : 24 Apr 2002 7:42 pm 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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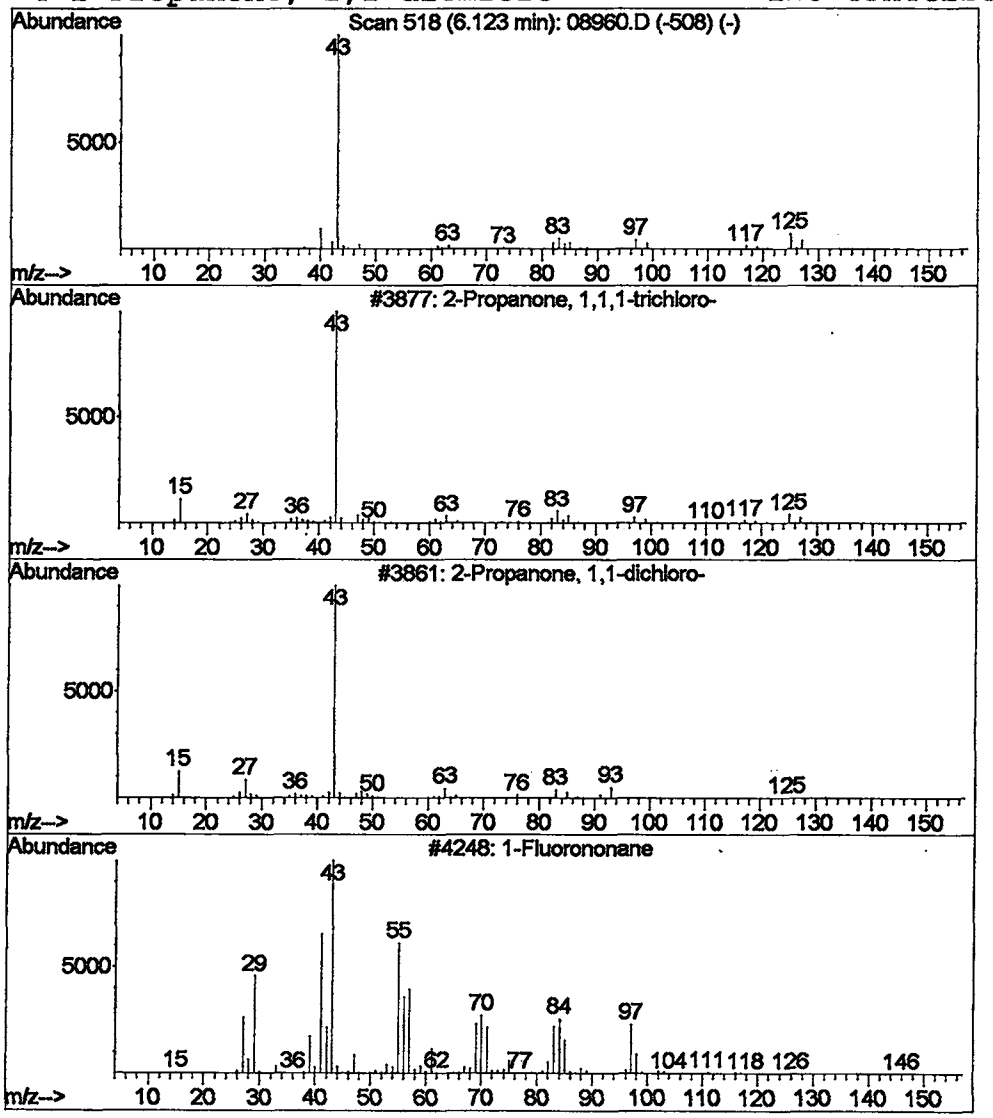
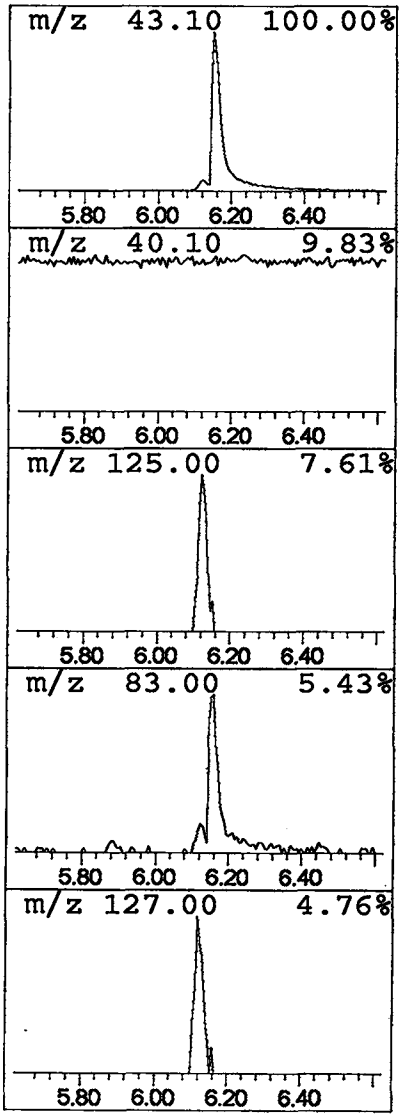
Peak Number 3 2-Propanone, 1,1,1-trichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	0.38 ug/l	473819	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	50
2	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9
3	1-Fluorononane	146	C9H19F	000463-18-3	9
4	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	7





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Acq On : 24 Apr 2002 7:42 pm 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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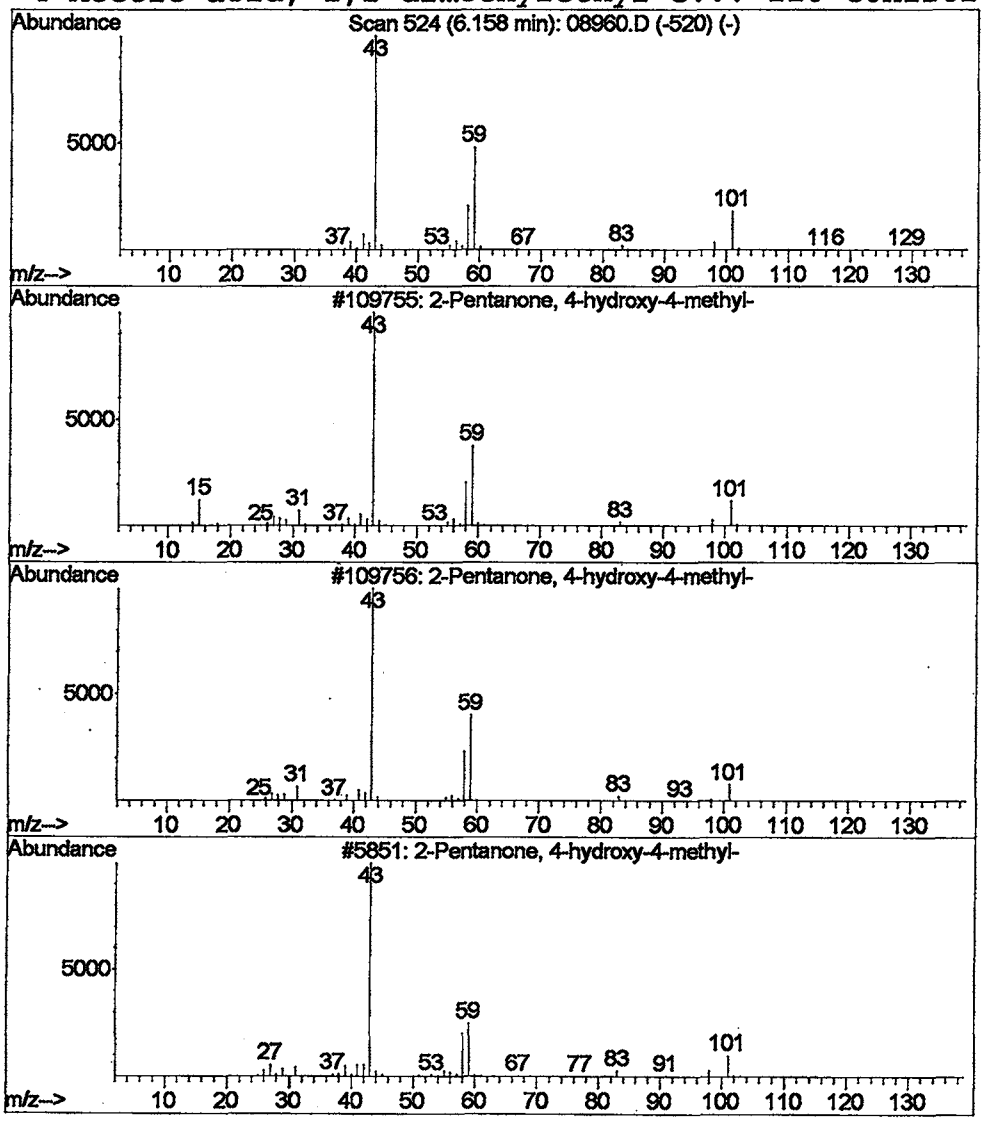
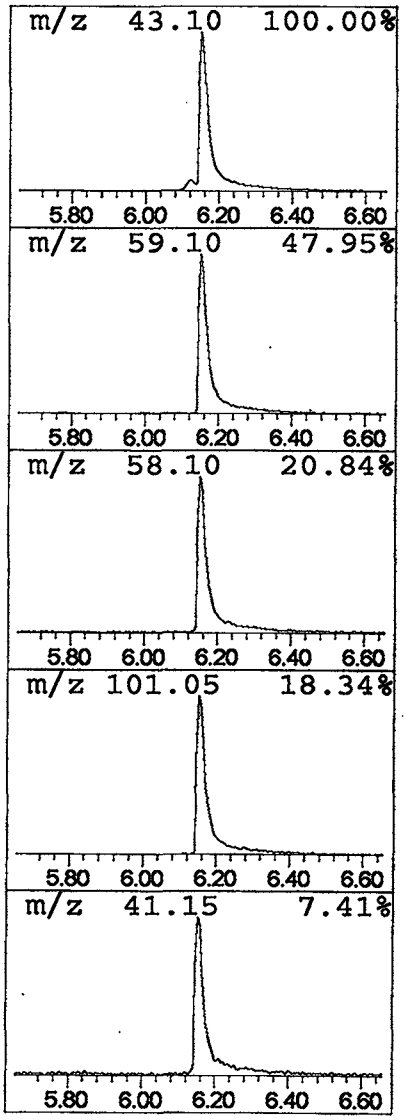
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	11.86 ug/l	14631200	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	72
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25





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Acq On : 24 Apr 2002 7:42 pm 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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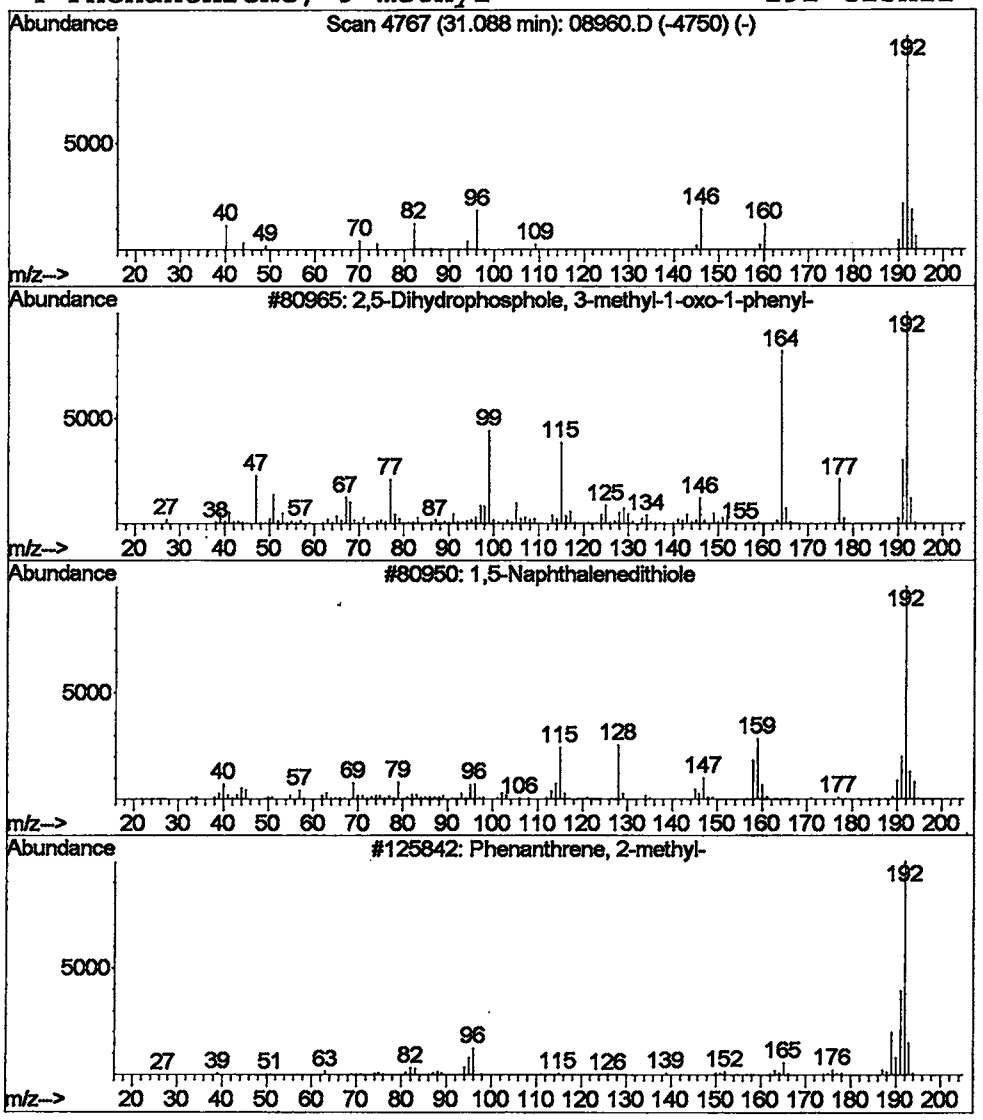
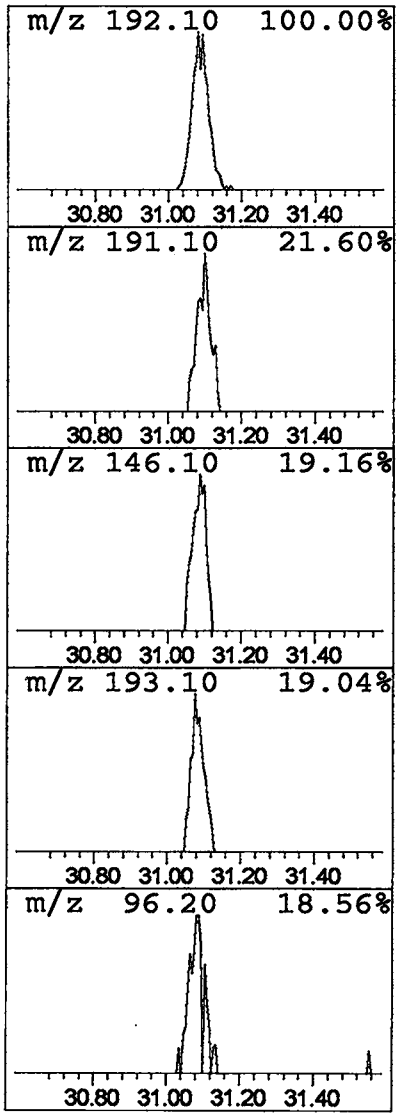
Peak Number 5 2,5-Dihydrophosphole, 3-met... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.23 ug/l	430840	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dihydrophosphole, 3-methyl-1...	192	C11H13OP	1000196-97-5	45
2	1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	36
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	28
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	28





Data File : C:\MSDCHEM\1\DATA\020424\08960.D Vial: 11
Acq On : 24 Apr 2002 7:42 pm 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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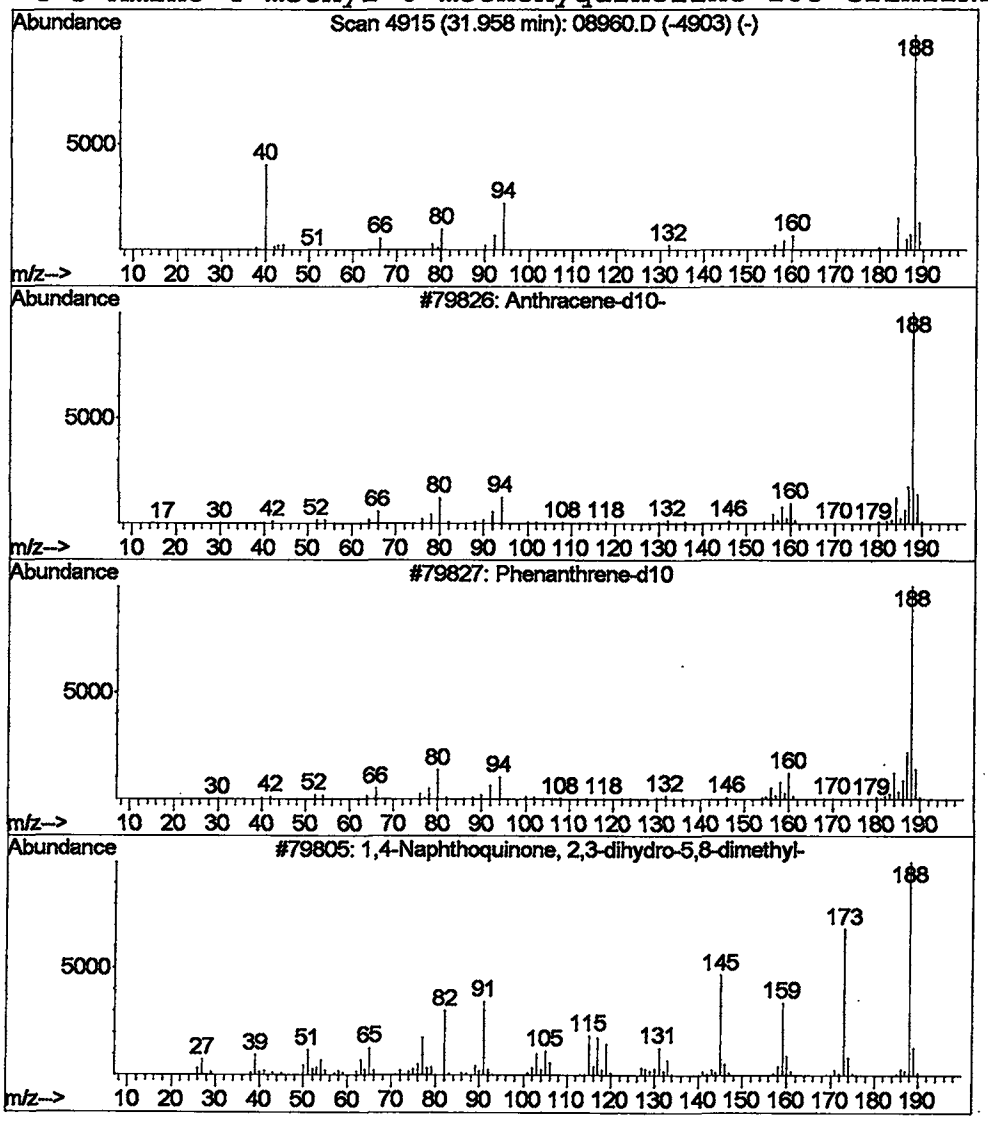
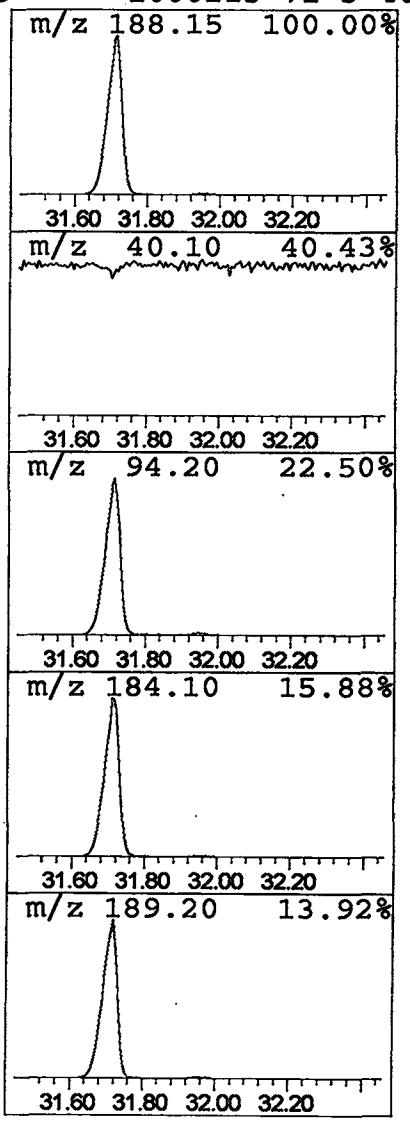
Peak Number 6 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.44 ug/l	845046	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	83
2	Phenanthrene-d10	188	C14D10	001517-22-2	47
3	1,4-Naphthoquinone, 2,3-dihydro-...	188	C12H12O2	1000157-22-3	40
4	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	40





Operator ID: Nefliu Date Acquired: 24 Apr 2002 7:42 pm
Data File: C:\MSDCHEM\1\DATA\020424\08960.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	288818	1	11.38	49338100	40.0
Acetonitrile, dic...	3.65	0.2	ug/l	297711	1	11.38	49338100	40.0
~~2-Propanone, 1,1,~~...	6.12	0.4	ug/l	473819	1	11.38	49338100	40.0
2-Pentanone, 4-hy...	6.16	11.9	ug/l	14631200	1	11.38	49338100	40.0
~~2,5-Dihydrophosph~~...	31.09	0.2	ug/l	430840	4	31.72	75991200	40.0
~~Anthracene-d10-~~ Phenanthrene-d10	31.95	0.4	ug/l	845046	4	31.72	75991200	40.0