

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/07/2002 Time: 11:15:04

Sample: AE08964
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/7/02 11:14 Ended: 5/7/02 11:14 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		86		10.0

Comments for Sample AE08964 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-07-2002 Time: 11:15:24

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

Data File : C:\MSDCHEM\1\DATA\020424\08964.D
 Acq On : 24 Apr 2002 11:37 pm
 Sample : sample
 Misc :
 MS Integration Params: events.e
 Quant Time: Apr 26 10:04:14 2002

Vial: 15
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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	9236710	40.00	ug/l	-0.01
10) Naphthalene-d8	16.54	136	35703779	40.00	ug/l	-0.03
17) Acenaphthene-d10	24.46	164	19749832	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	28414327	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	20319946	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	14112008	40.00	ug/l	-0.02

System Monitoring Compounds

27) TCMX	27.54	207	961741	8.65	ug/l	-0.03
Spiked Amount	10.000		Recovery	=	86.50%	

Target Compounds

Qvalue

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 08964.D SCAN020424.M Fri Apr 26 10:06:07 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020424\08964.D

Acq On : 24 Apr 2002 11:37 pm

Sample : sample

Misc :

MS Integration Params: events.e

Quant Time: Apr 26 10:05 2002

Vial: 15

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

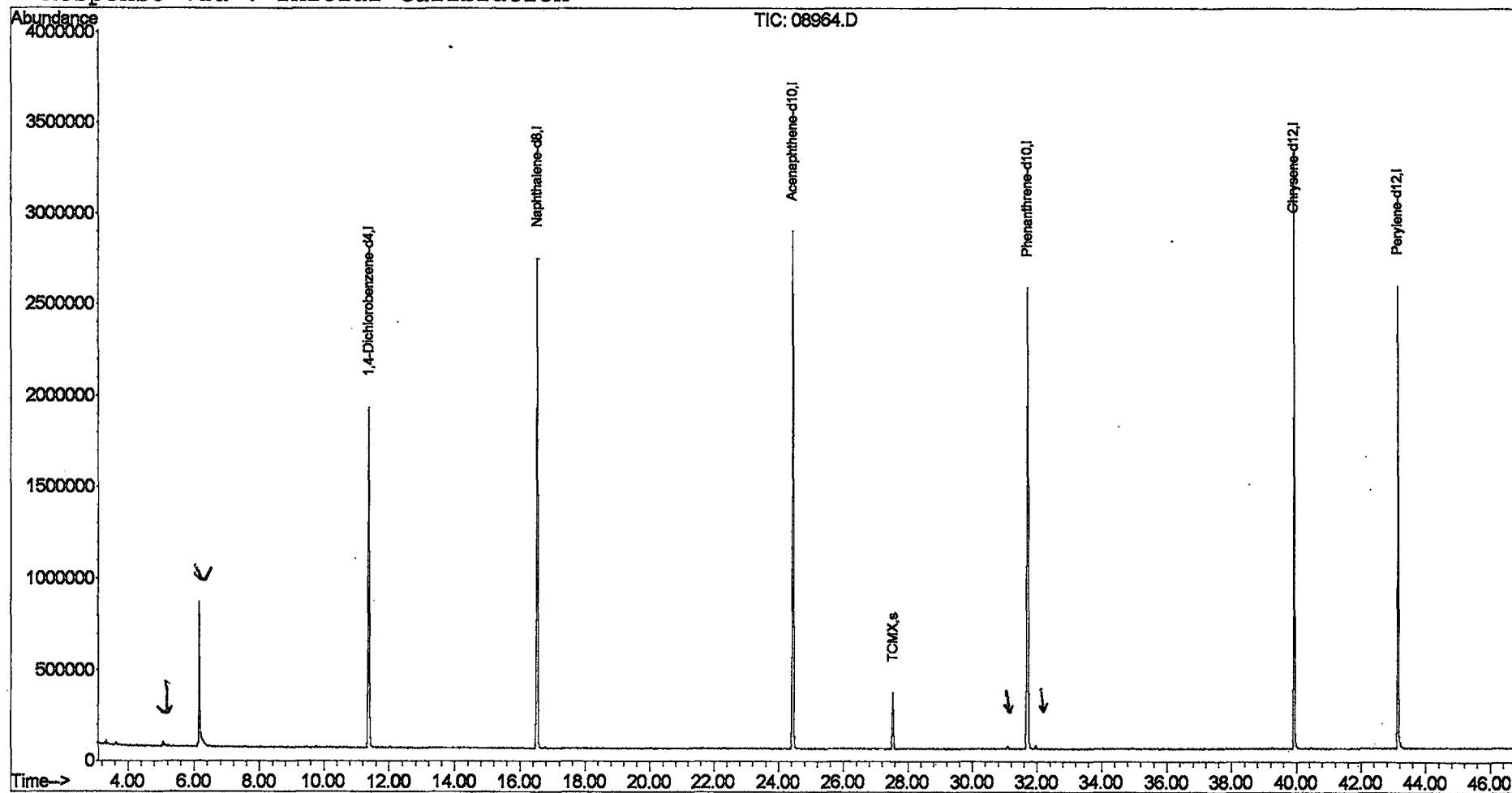
Quant Results File: SCAN020424.RES

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\08964.D
 Acq On : 24 Apr 2002 11:37 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

Vial: 15
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

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

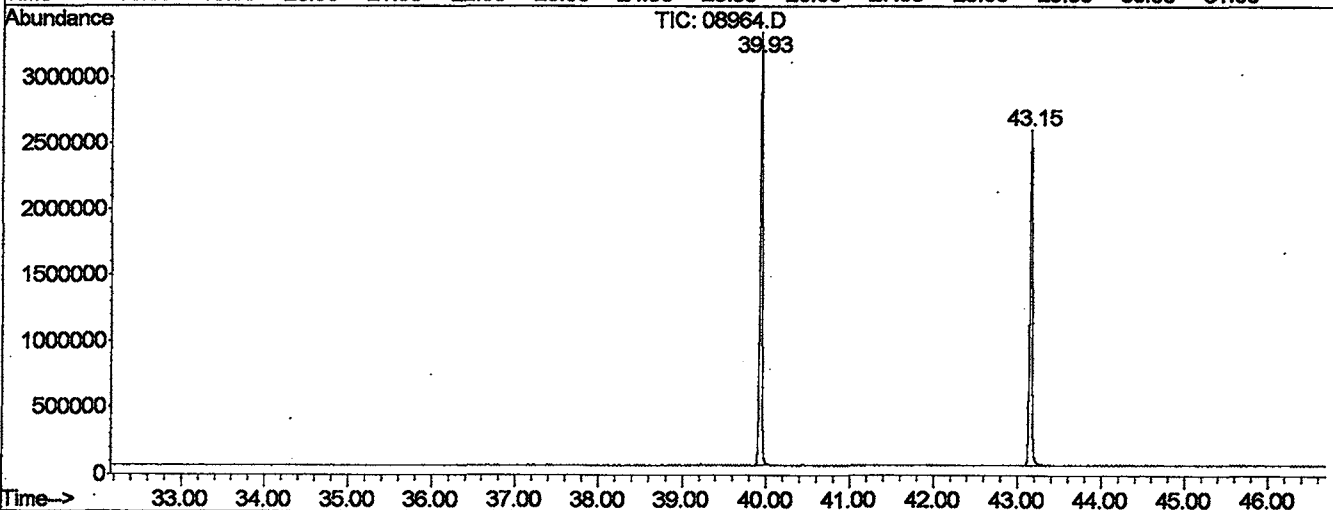
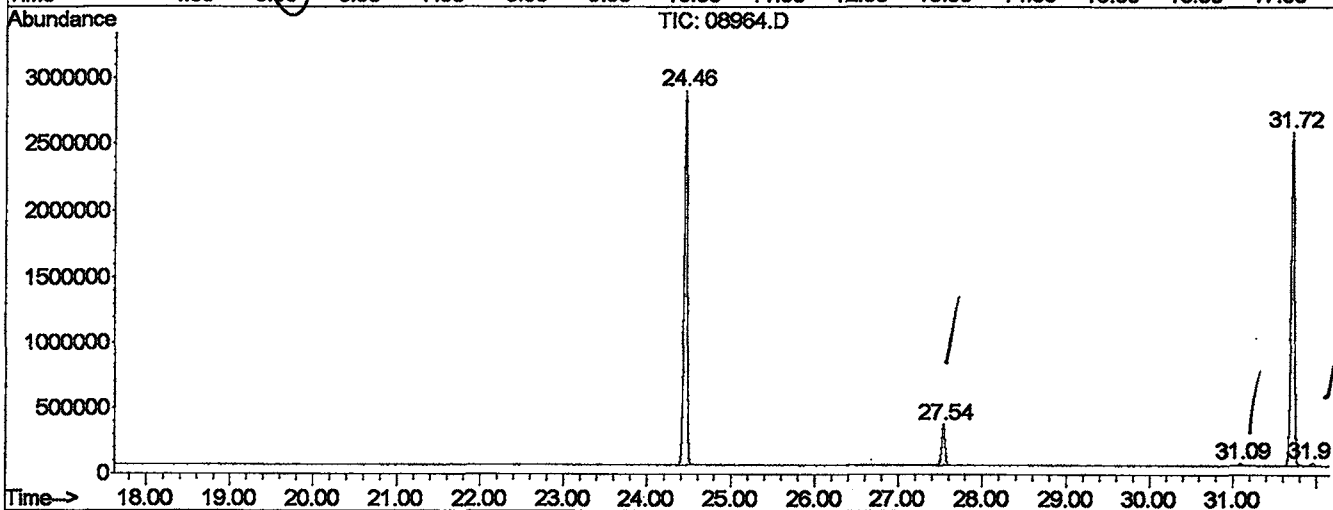
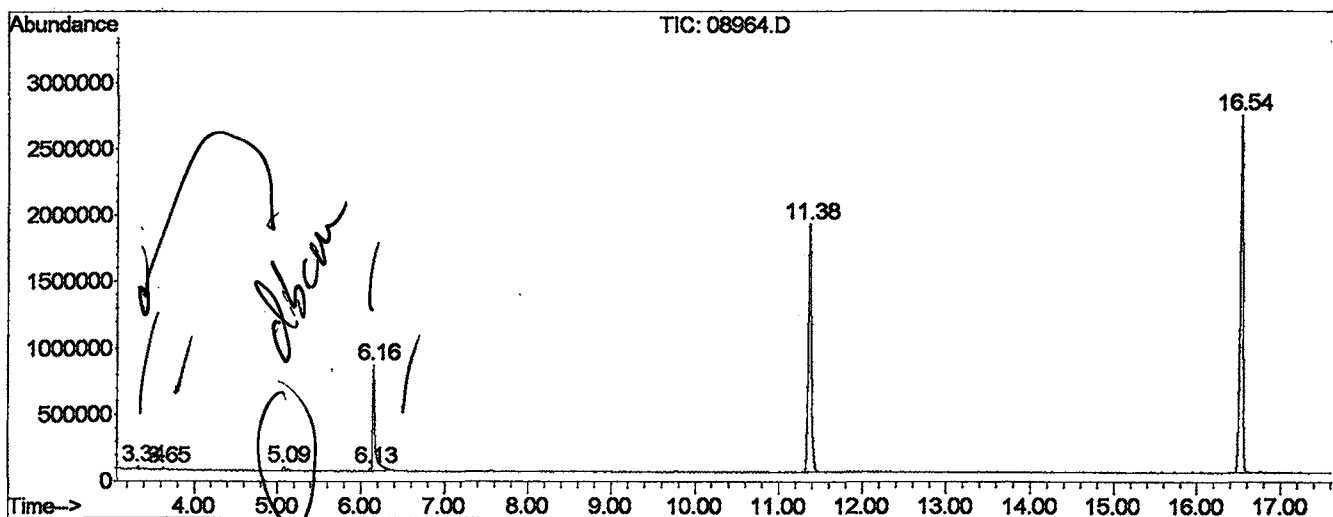
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.344	42	45	49	VV	20601	234019	0.31%	0.059%
2	3.643	84	96	103	BV	14638	220555	0.30%	0.056%
3	5.089	329	342	347	PV	27042	502953	0.67%	0.127%
4	6.129	512	519	520	PV	22817	343222	0.46%	0.087%
5	6.158	520	524	561	VV	768176	16062773	21.54%	4.069%
6	11.376	1396	1412	1428	PV	1857400	47507272	63.71%	12.034%
7	16.534	2277	2290	2308	PV	2647727	65941738	88.44%	16.704%
8	24.461	3623	3639	3657	PV	2833276	74563213	100.00%	18.888%
9	27.539	4149	4163	4174	VV	310733	8374652	11.23%	2.121%
10	31.094	4757	4768	4779	VV	16681	535985	0.72%	0.136%
11	31.717	4854	4874	4886	VV	2511120	71426689	95.79%	18.094%
12	31.958	4903	4915	4929	VV	21425	623020	0.84%	0.158%
13	39.931	6257	6272	6288	BV	3203968	59070171	79.22%	14.964%
14	43.157	6810	6821	6853	PV	2494720	49353135	66.19%	12.502%

Sum of corrected areas: 394759398

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020424\08964.D
 Operator : Nefliu
 Acquired : 24 Apr 2002 11:37 pm using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 15
 Quant File :SCAN020424.RES (Chemstation Integrator)



Data File : C:\MSDCHEM\1\DATA\020424\08964.D

Acq On : 24 Apr 2002 11:37 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 15

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)

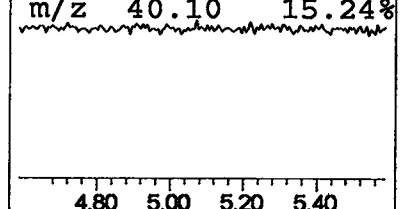
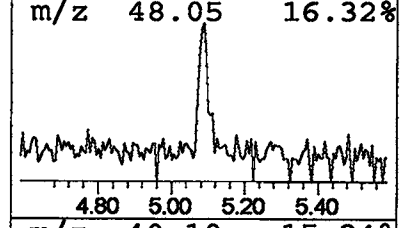
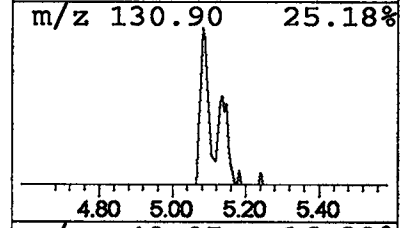
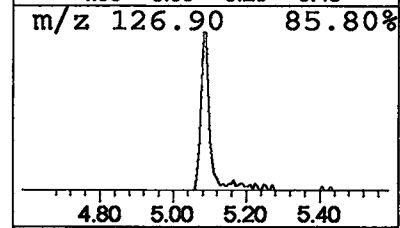
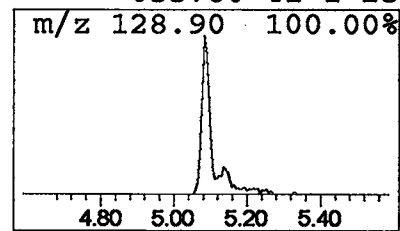
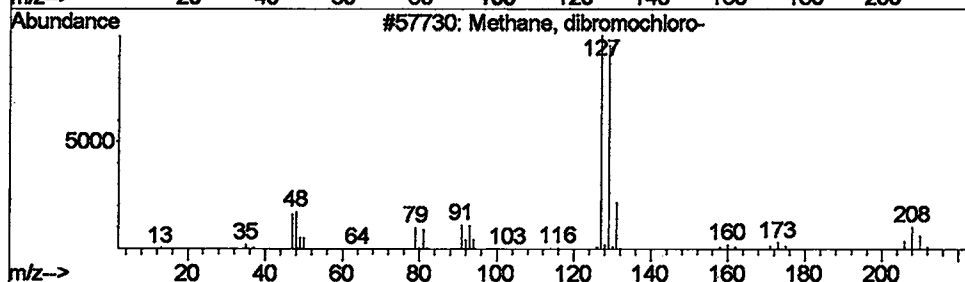
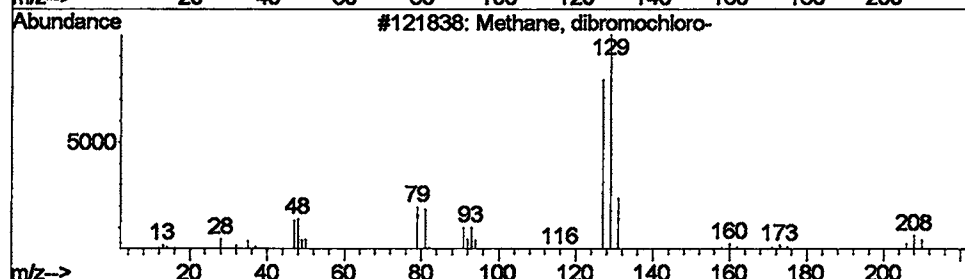
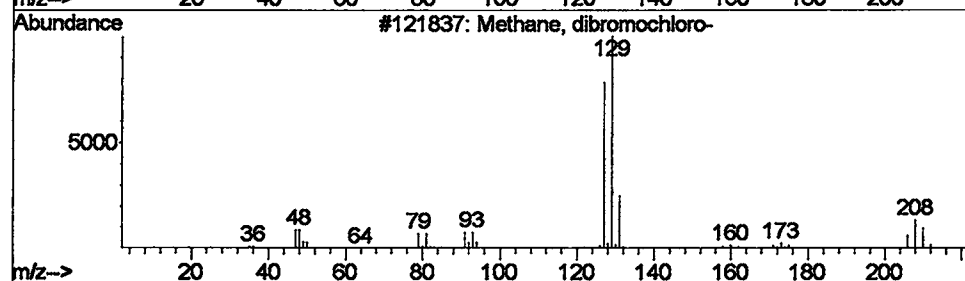
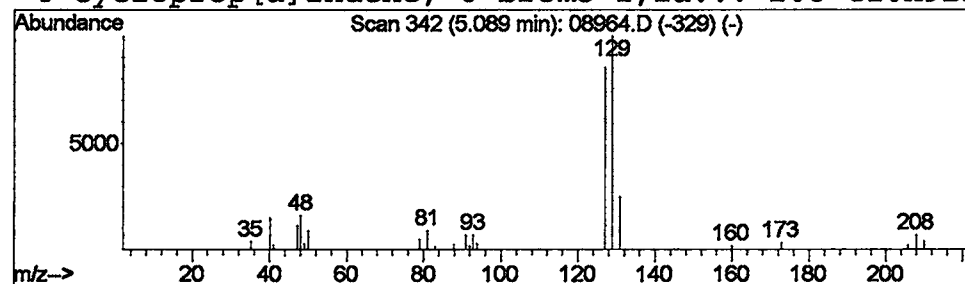
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 1 Methane, dibromochloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	0.42 ug/l	502953	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methane, dibromochloro-	206	CHBr2Cl	000124-48-1	91
2			Methane, dibromochloro-	206	CHBr2Cl	000124-48-1	76
3			Methane, dibromochloro-	206	CHBr2Cl	000124-48-1	55
4			Cycloprop[a]indene, 6-bromo-1,1a...	208	C10H9Br	055780-41-1	25



Data File : C:\MSDCHEM\1\DATA\020424\08964.D
 Acq On : 24 Apr 2002 11:37 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

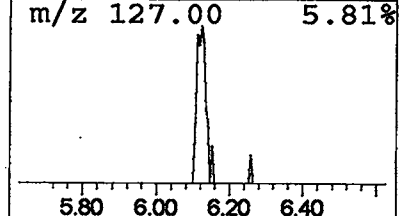
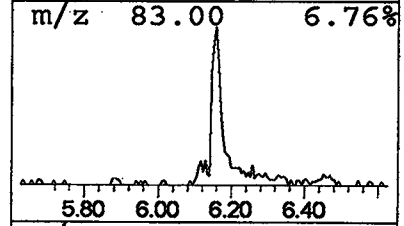
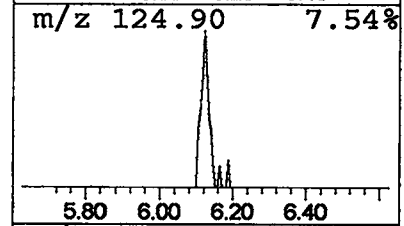
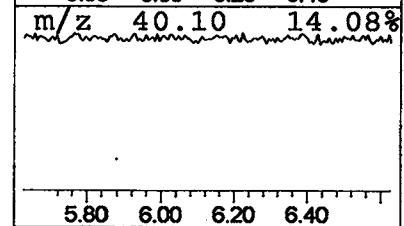
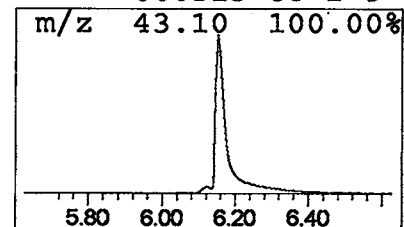
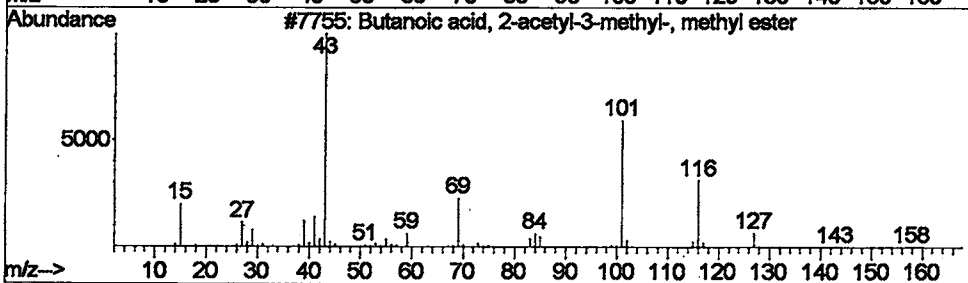
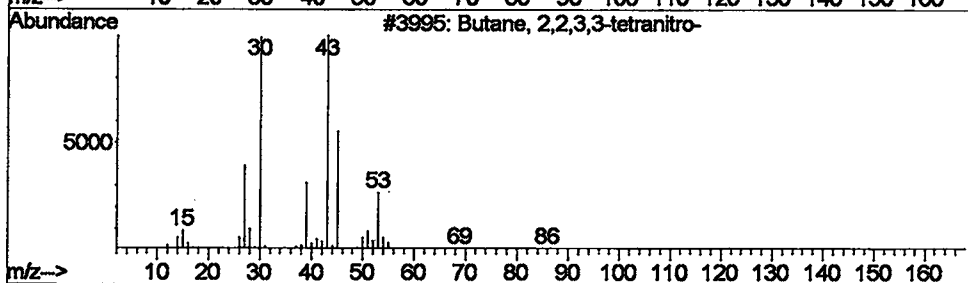
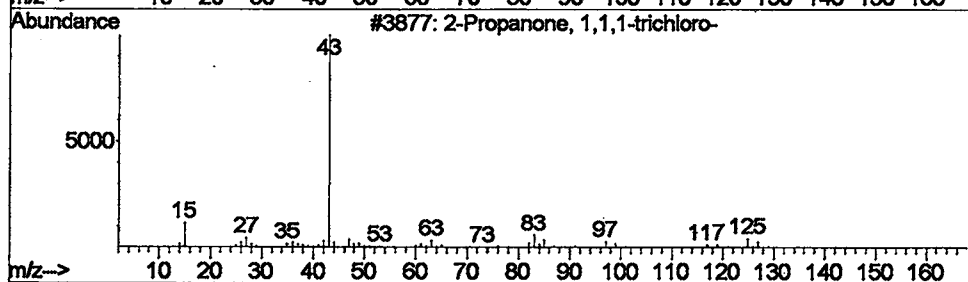
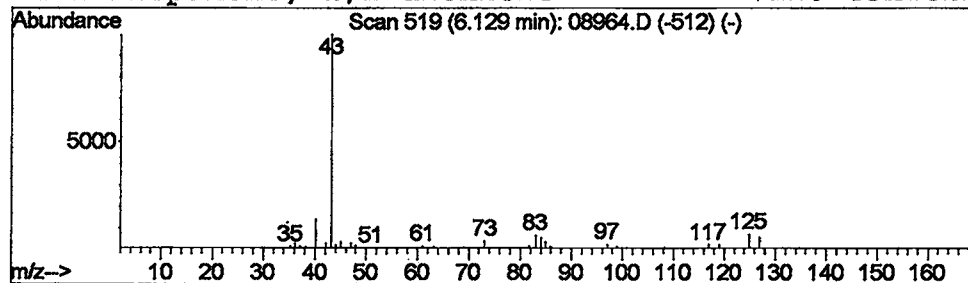
Vial: 15
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	0.29 ug/l	343222	1,4-Dichlorobenzene-d4	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	42
2		Butane, 2,2,3,3-tetranitro-	238	C4H6N4O8	020919-97-5	9
3		Butanoic acid, 2-acetyl-3-methyl...	158	C8H14O3	051756-10-6	9
4		2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9



Data File : C:\MSDCHEM\1\DATA\020424\08964.D
 Acq On : 24 Apr 2002 11:37 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

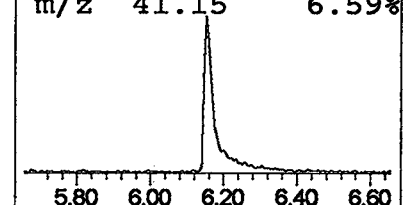
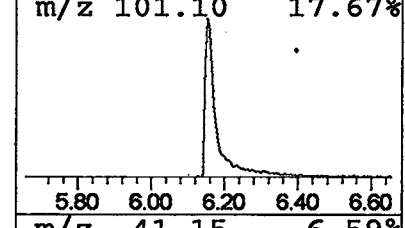
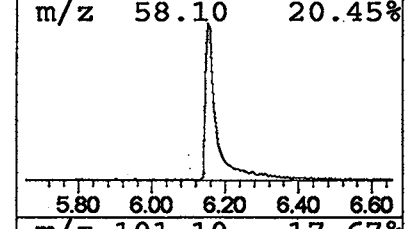
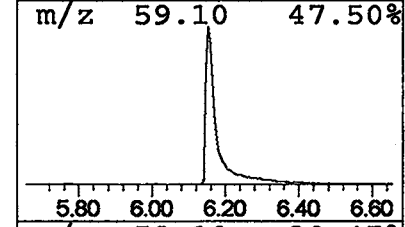
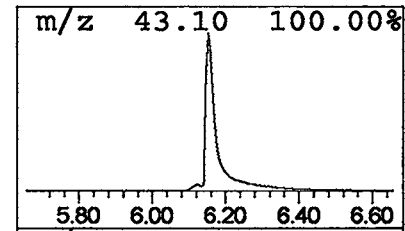
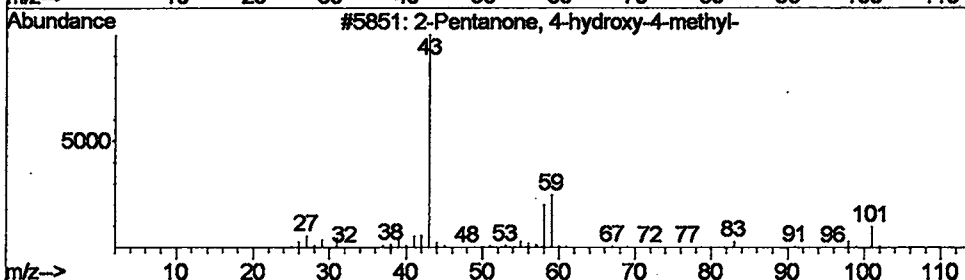
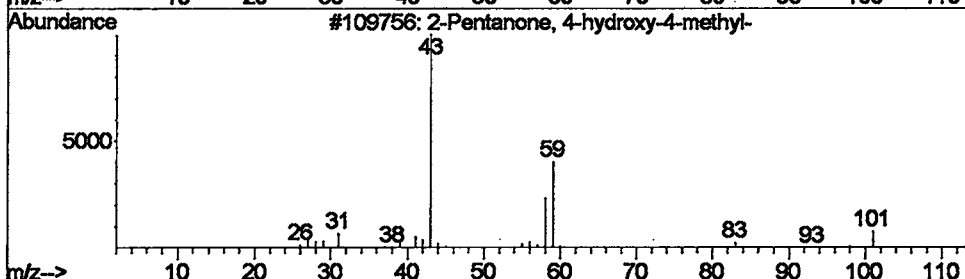
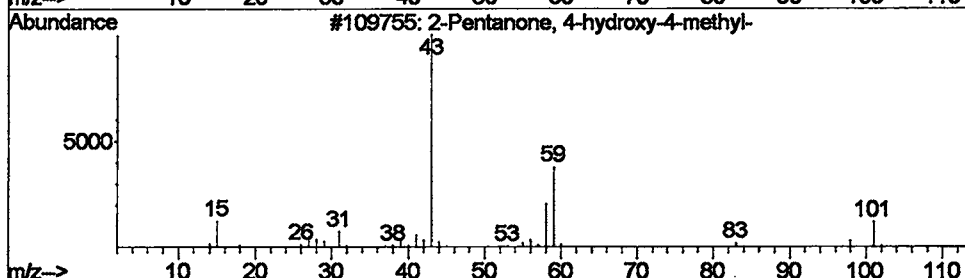
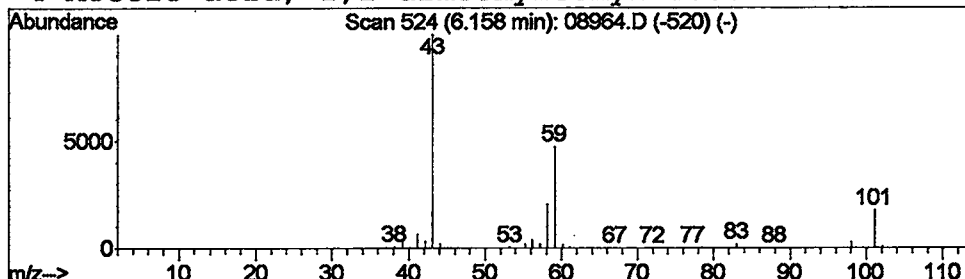
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 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	13.52 ug/l	16062800	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	64
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	23



Data File : C:\MSDCHEM\1\DATA\020424\08964.D

Acq On : 24 Apr 2002 11:37 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 15

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)

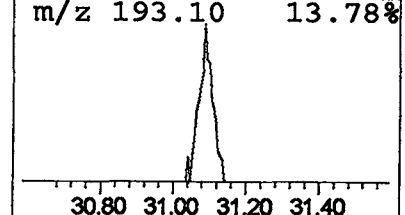
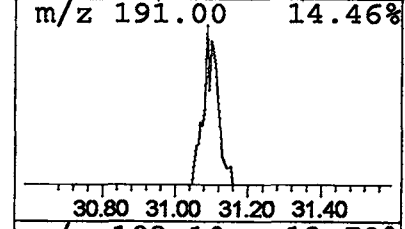
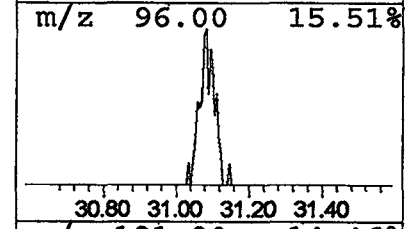
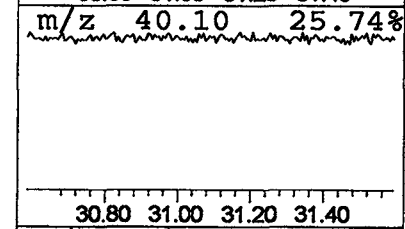
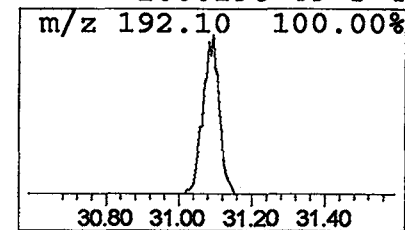
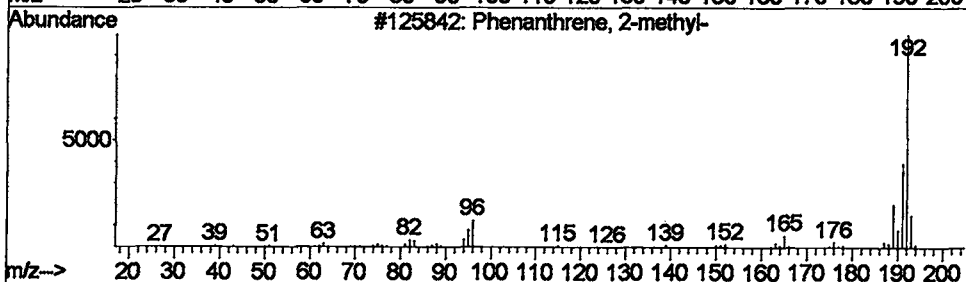
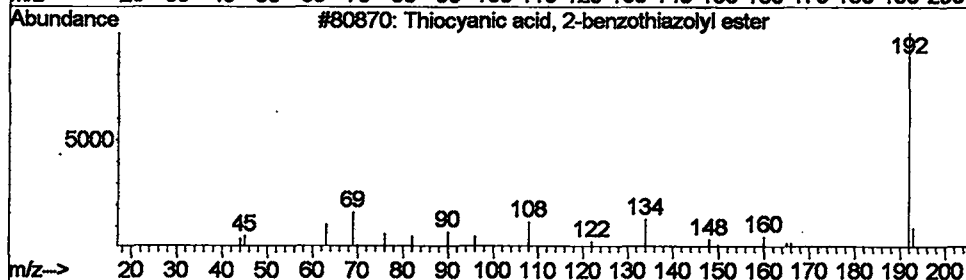
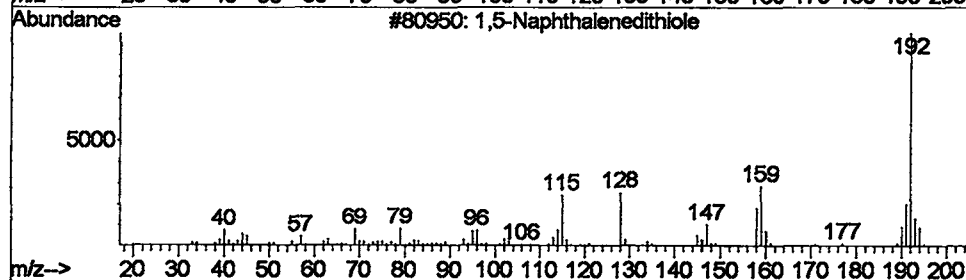
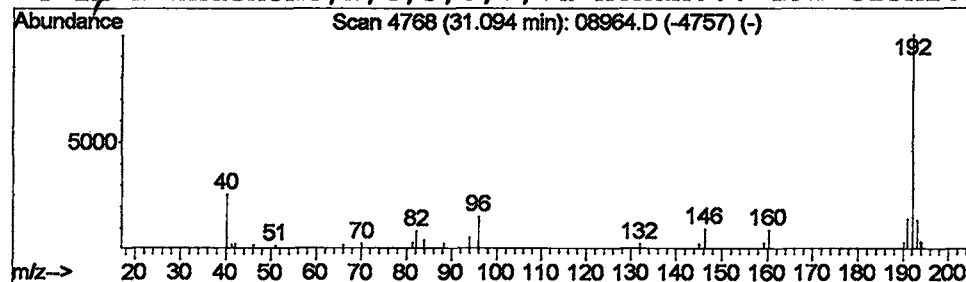
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 4 1,5-Naphthalenedithiole Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.30 ug/l	535985	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	45
2		Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	42
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	42
4		1H-2-Indenone, 2,4,5,6,7,7a-hexah...	192	C13H20O	1000196-69-5	42



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 Acq On : 24 Apr 2002 11:37 pm
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 Misc :
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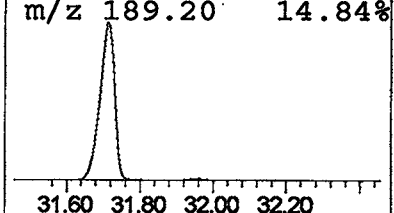
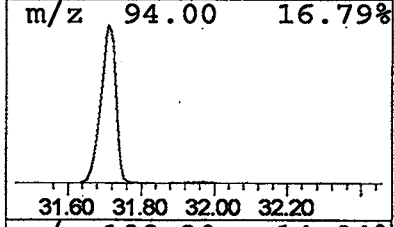
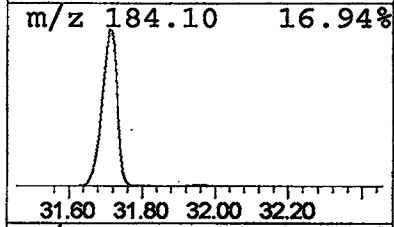
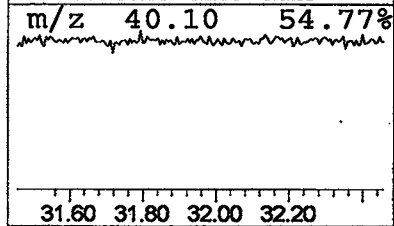
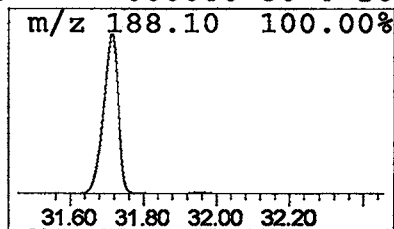
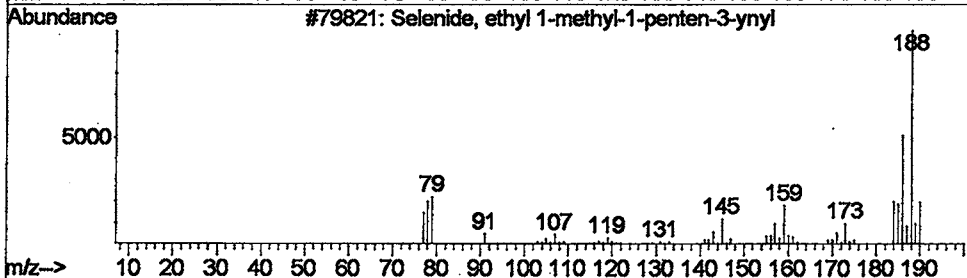
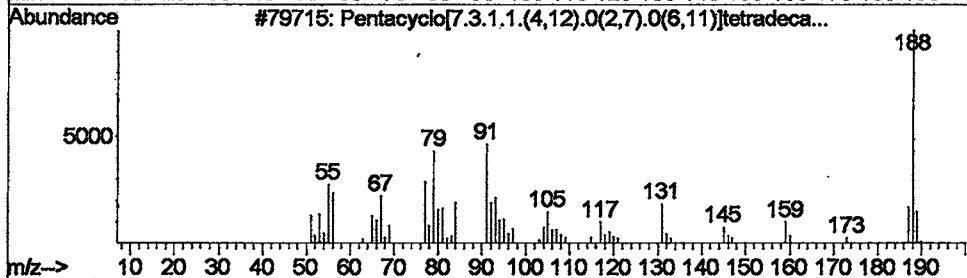
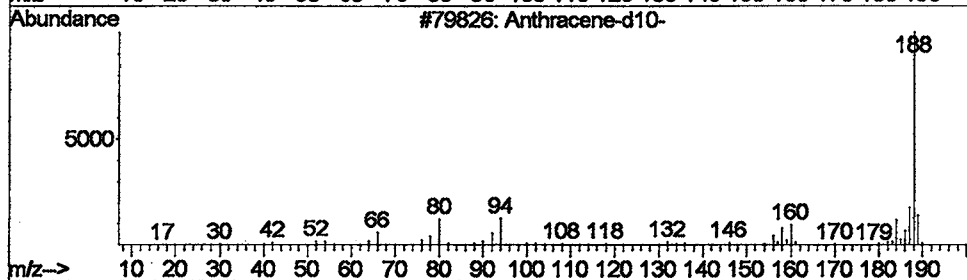
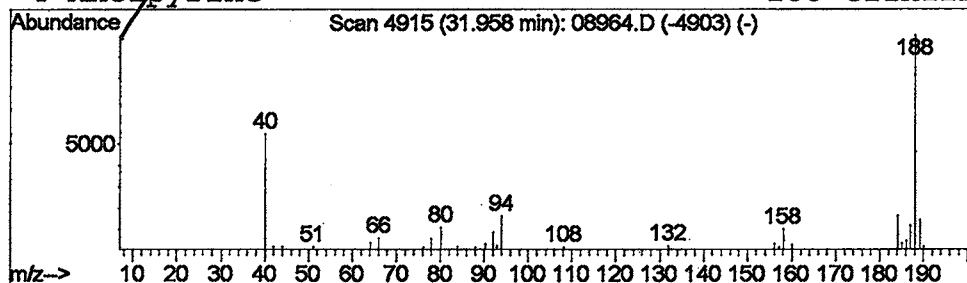
Vial: 15
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 5 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.35 ug/l	623020	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene-d10-	188	C14D10	001719-06-8	91
2		Pentacyclo[7.3.1.1.(4,12).0(2,7)...]	188	C14H20	1000215-61-8	52
3		Selenide, ethyl 1-methyl-1-pente...	188	C8H12Se	025128-48-7	50
4		Antipyrine	188	C11H12N2O	000060-80-0	50



Operator ID: Nefliu Date Acquired: 24 Apr 2002 11:37 pm
 Data File: C:\MSDCHEM\1\DATA\020424\08964.D
 Name: sample
 Misc:
 Method: C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
 Title: Method 508 GC/MS Scan
 Library Searched: C:\DATABASE\nist98.1

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
✓ Methane, dibromoc...	5.09	0.4	ug/l	502953	1	11.38	47507300	40.0
✓ 2-Propanone, 1,1,...	6.13	0.3	ug/l	343222	1	11.38	47507300	40.0
✓ 2-Pentanone, 4-hy...	6.16	13.5	ug/l	16062800	1	11.38	47507300	40.0
1,5-Naphthalenedi...	31.09	0.3	ug/l	535985	4	31.72	71426700	40.0
Anthracene-d10-	31.96	0.3	ug/l	623020	4	31.72	71426700	40.0
Phenanthrene-d10								