

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/14/2002 Time: 14:24:37

Sample: AE10023
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/14/02 14:23 Ended: 5/14/02 14:23 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		78		10.0

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/14/2002 Time: 14:25:02

Sample: AE10023
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/14/02 14:23 Ended: 5/14/02 14:23 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Quantity	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		78		10.0

Comments for Sample AE10023 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-14-2002 Time: 14:25:04

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Data File : C:\MSDCHEM\1\DATA\020507\10023.D

Acq On : 8 May 2002 8:49 am

Sample : sample

Misc :

MS Integration Params: lscint.e

Quant Time: May 09 09:49:40 2002

Vial: 22

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Results File: SCAN020507.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)

Title : Method 508 GC/MS Scan

Last Update : Thu May 09 09:21:01 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	487244	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1826270	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.45	164	979360	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1664793	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1352765	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	875648	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.53	207	60941	7.79	ug/l	-0.04
Spiked Amount	10.000		Recovery	=	77.90%	
Target Compounds						
43) Bis(2-ethylhexyl)phthalate	40.52	149	32635	1.13	ug/l	Qvalue 98

(#) = qualifier out of range (m) = manual integration (+) = signals summed
10023.D SCAN020507.M Thu May 09 09:50:52 2002 Page 1

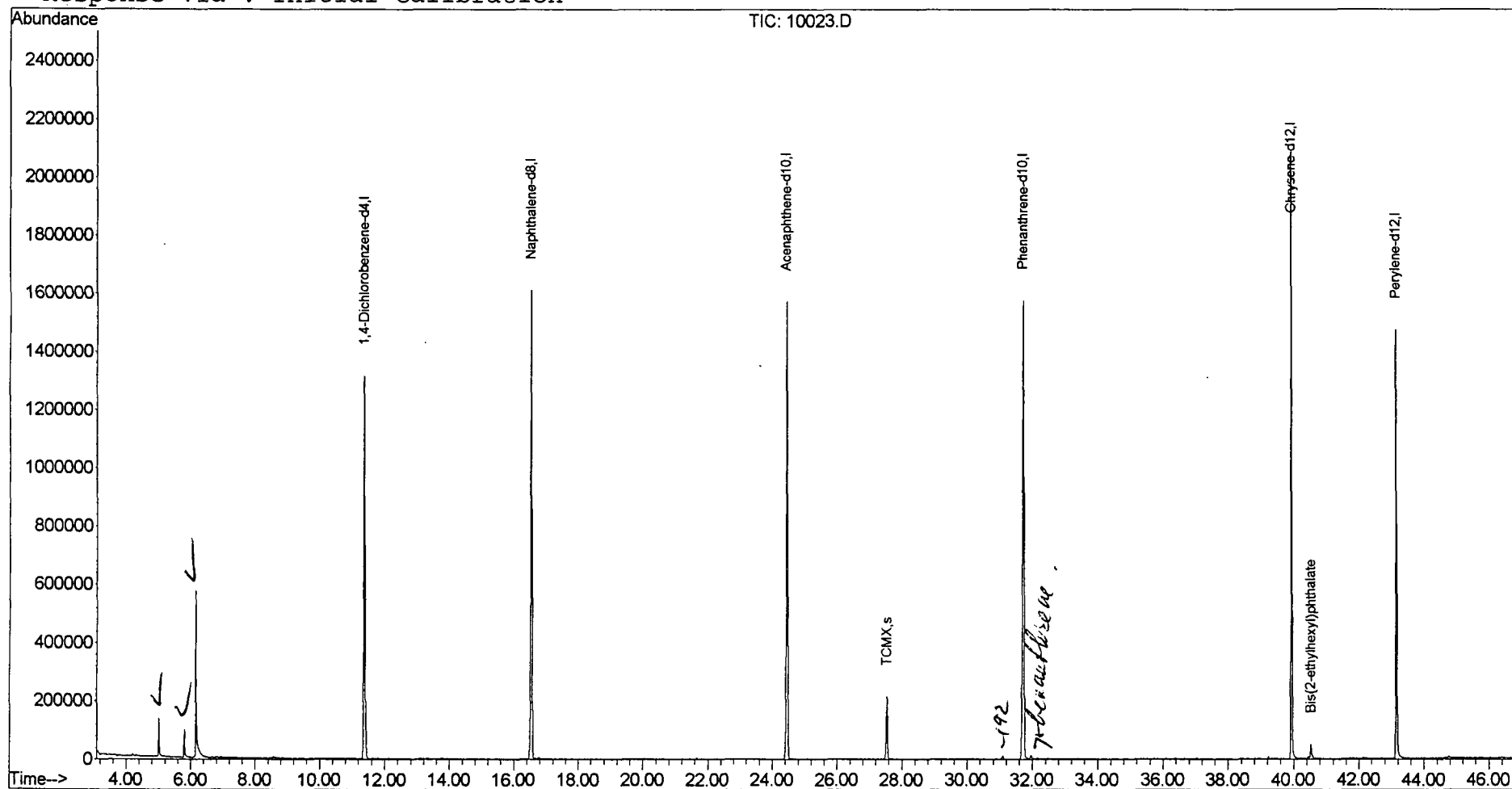
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020507\10023.D
Acq On : 8 May 2002 8:49 am
Sample : sample
Misc :
MS Integration Params: lscint.e
Quant Time: May 9 9:50 2002

Vial: 22
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Results File: SCAN020507.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu May 09 09:21:01 2002
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\020507\10023.D

Acq On : 8 May 2002 8:49 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 22

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)

Title : Method 508 GC/MS Scan

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0.7 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

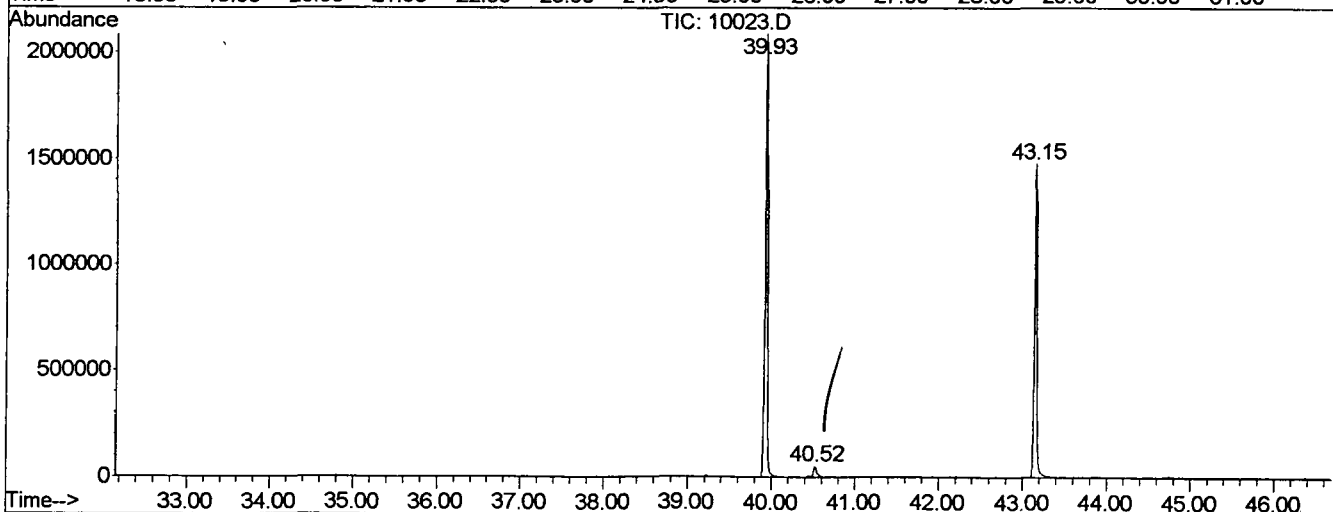
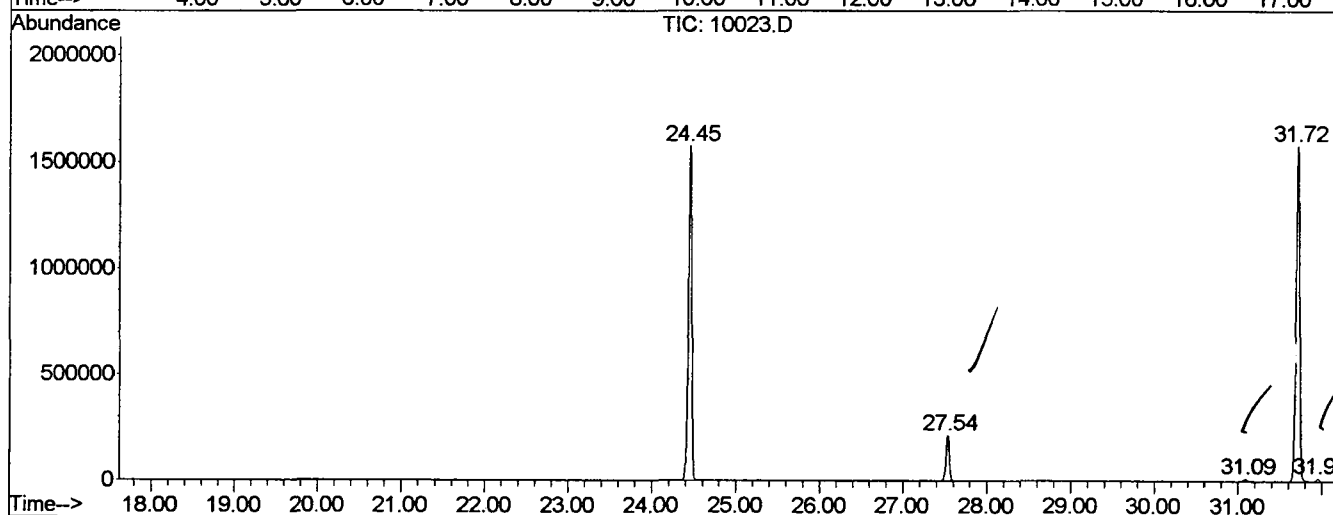
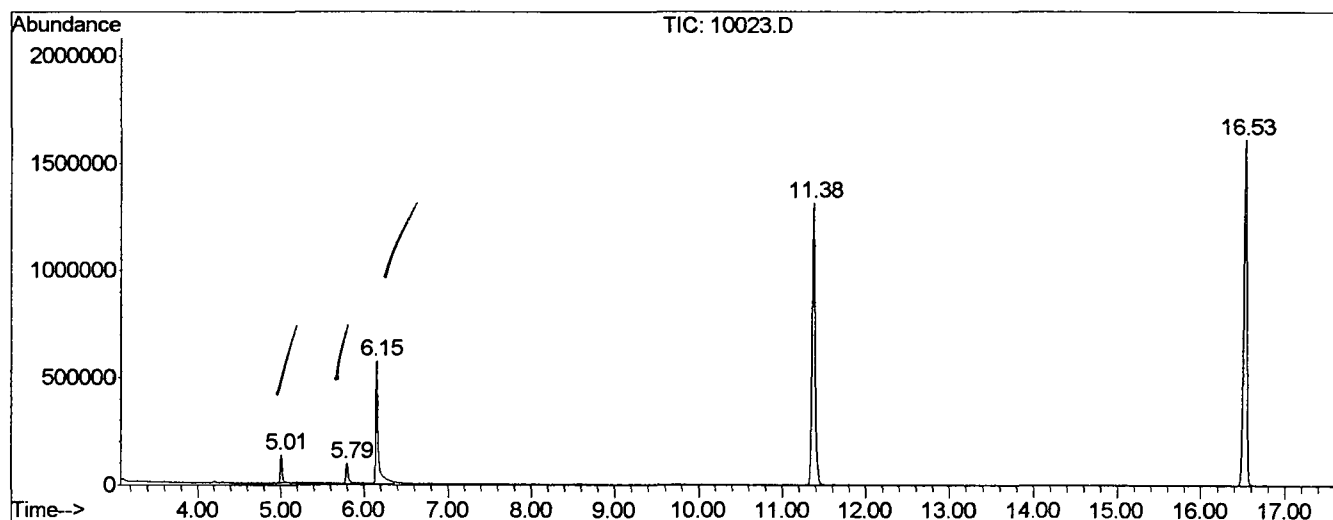
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.006	322	328	336	rBV2	129126	194078	4.14%	0.739%
2	5.794	454	462	482	rBV	94635	206343	4.40%	0.785%
3	6.152	513	523	559	rBV	571629	1201868	25.61%	4.575%
4	11.376	1399	1412	1432	rBV	1314052	3349435	71.36%	12.750%
5	16.534	2272	2290	2308	rBV	1610919	4220182	89.92%	16.065%
6	24.455	3619	3638	3654	rBV	1571969	4346227	92.60%	16.545%
7	27.539	4147	4163	4175	rBV4	214620	611441	13.03%	2.328%
8	31.094	4755	4768	4775	rBV5	12608	39265	0.84%	0.149%
9	31.717	4856	4874	4895	rBV2	1576407	4693463	100.00%	17.867%
10	31.958	4904	4915	4922	rVB4	13141	38814	0.83%	0.148%
11	39.931	6259	6272	6303	rBV2	2084385	4162299	88.68%	15.845%
12	40.518	6366	6372	6389	rVB2	49178	138837	2.96%	0.529%
13	43.151	6808	6820	6844	rBV2	1475094	3067042	65.35%	11.675%

Sum of corrected areas: 26269294

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020507\10023.D
 Operator : Nefliu
 Acquired : 8 May 2002 8:49 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 22
 Quant File :SCAN020507.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\DATA\020507\10023.D

Acq On : 8 May 2002 8:49 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 22

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)

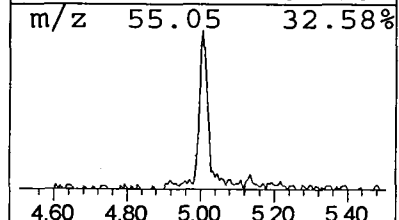
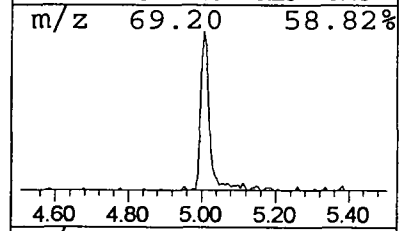
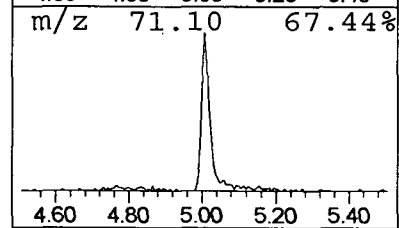
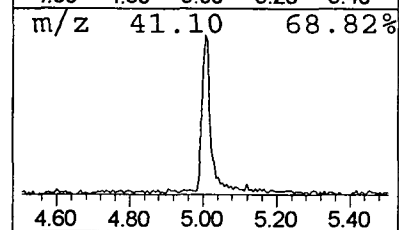
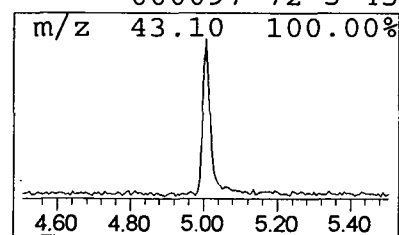
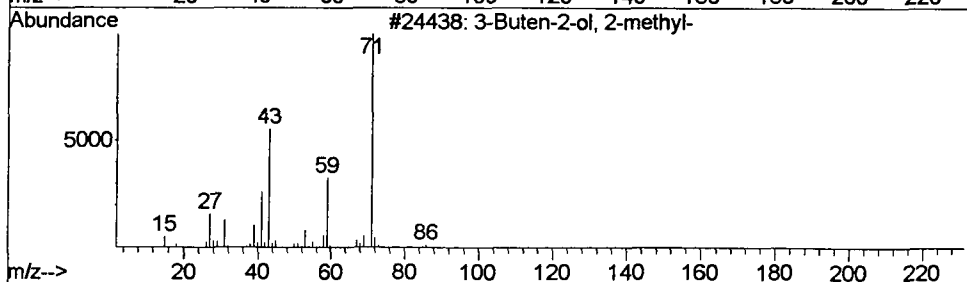
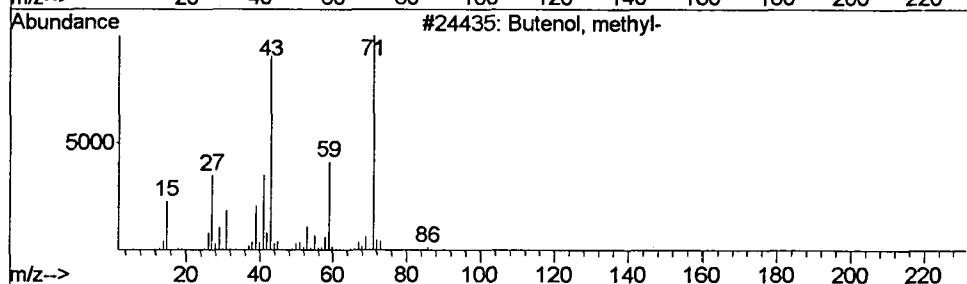
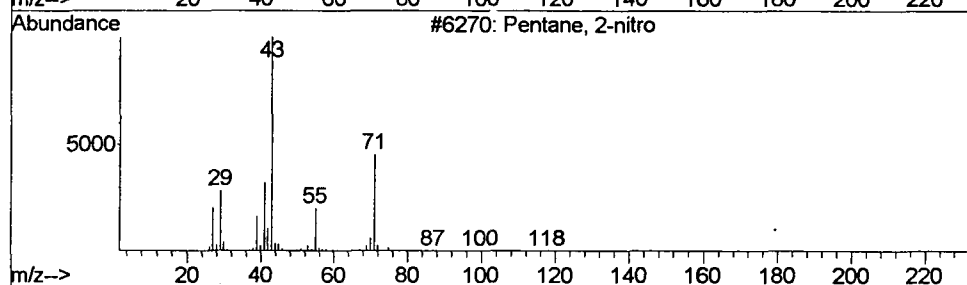
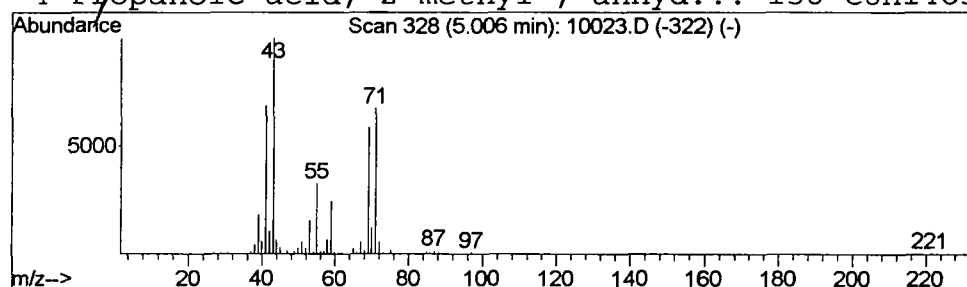
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 1 Pentane, 2-nitro Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	2.32 ug/l	194078	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-nitro	117	C5H11NO2	1000196-88-0	53
2			Butenol, methyl-	86	C5H10O	060766-00-9	50
3			3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	47
4			Propanoic acid, 2-methyl-, anhyd...	158	C8H14O3	000097-72-3	43



Data File : C:\MSDCHEM\1\DATA\020507\10023.D
 Acq On : 8 May 2002 8:49 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

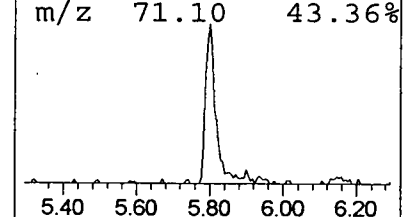
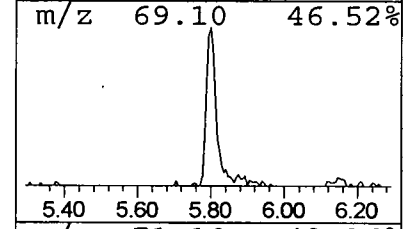
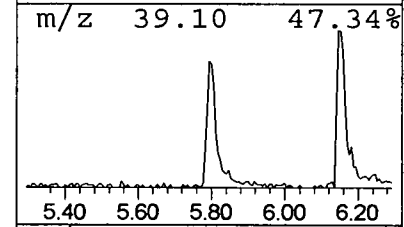
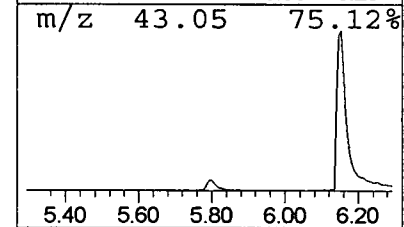
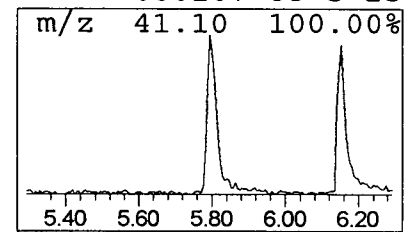
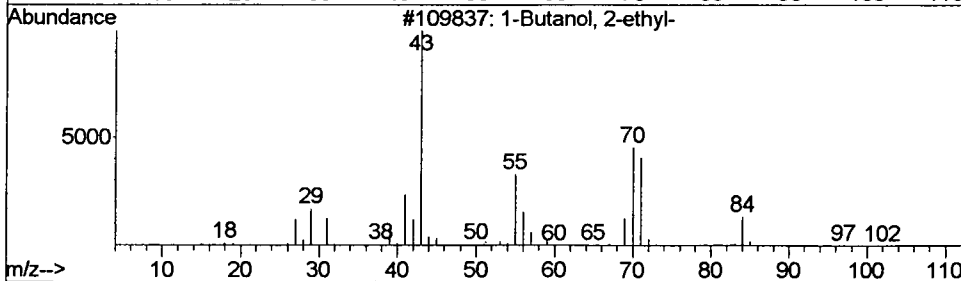
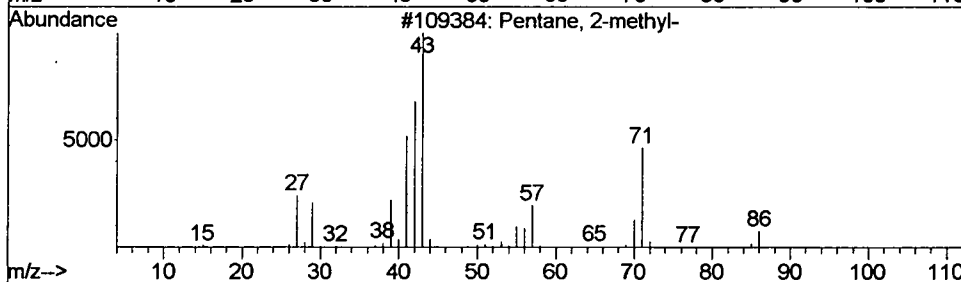
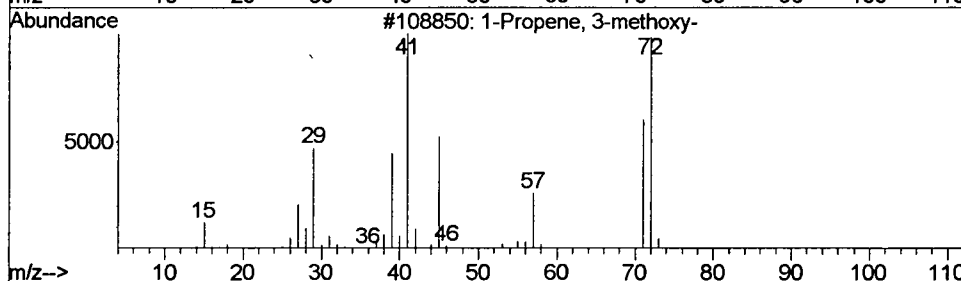
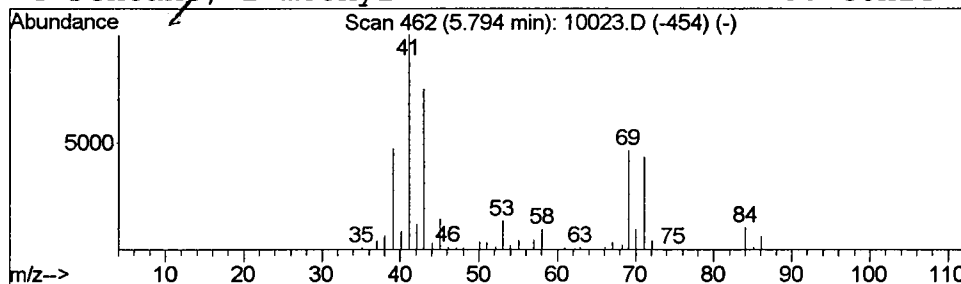
Vial: 22
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

 Peak Number 2 1-Propene, 3-methoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	2.46 ug/l	206343	1,4-Dichlorobenzene-d4	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	28
2		Pentane, 2-methyl-	86	C6H14	000107-83-5	27
3		1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	25
4		Pentane, 2-methyl-	86	C6H14	000107-83-5	25



Data File : C:\MSDCHEM\1\DATA\020507\10023.D
Acq On : 8 May 2002 8:49 am
Sample : sample
Misc :
MS Integration Params: rteint.e

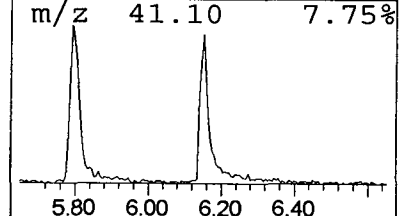
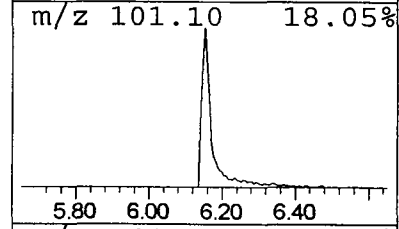
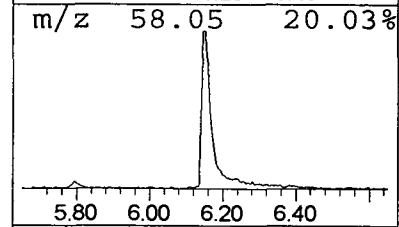
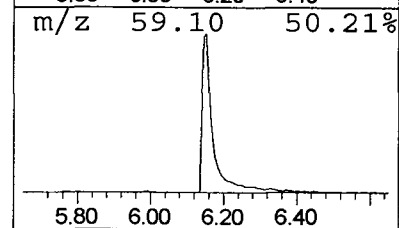
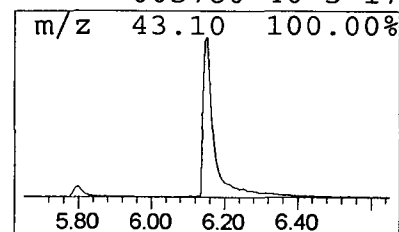
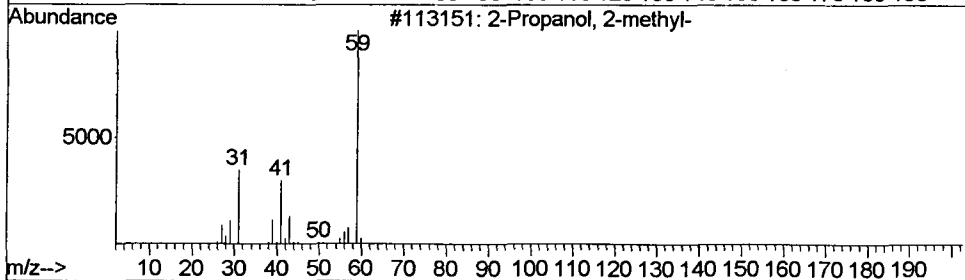
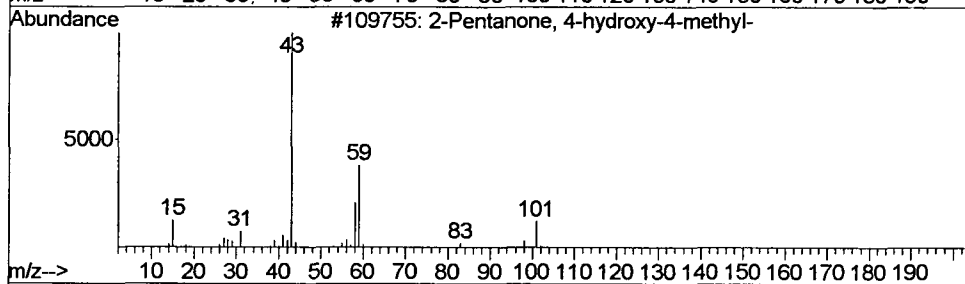
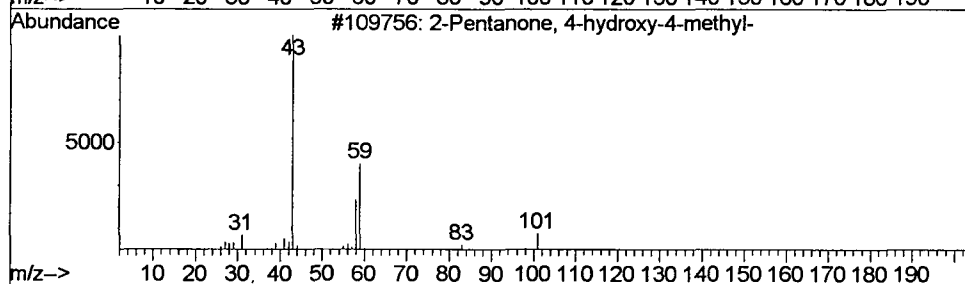
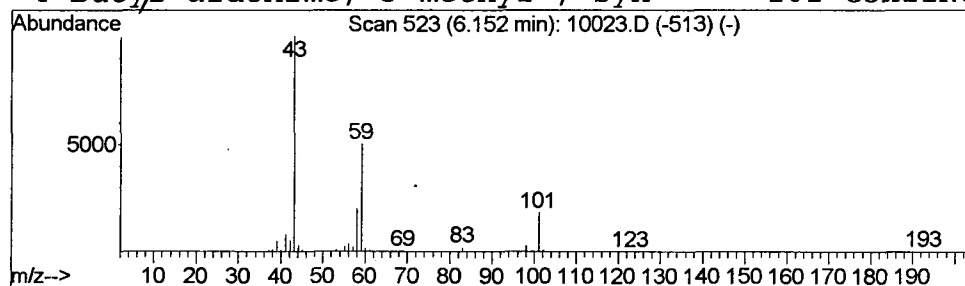
Vial: 22
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE 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.
6.15	14.35 ug/l	1201870	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	56
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3			2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	23
4			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17



Data File : C:\MSDCHEM\1\DATA\020507\10023.D
Acq On : 8 May 2002 8:49 am
Sample : sample
Misc :
MS Integration Params: rteint.e

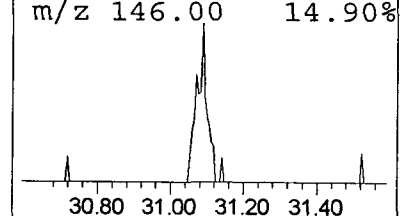
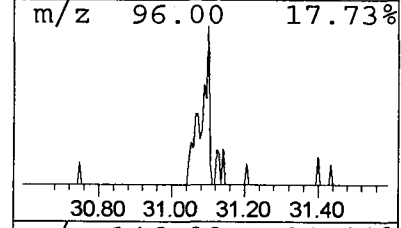
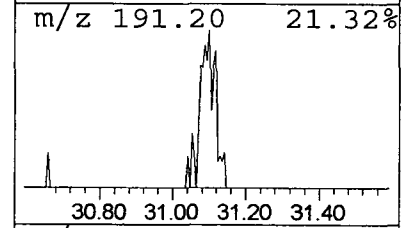
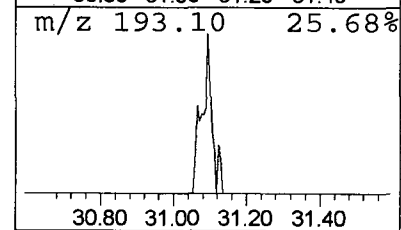
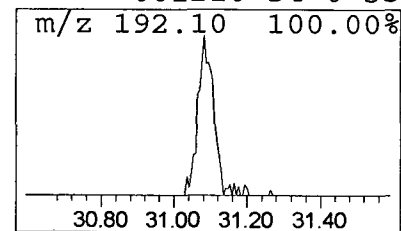
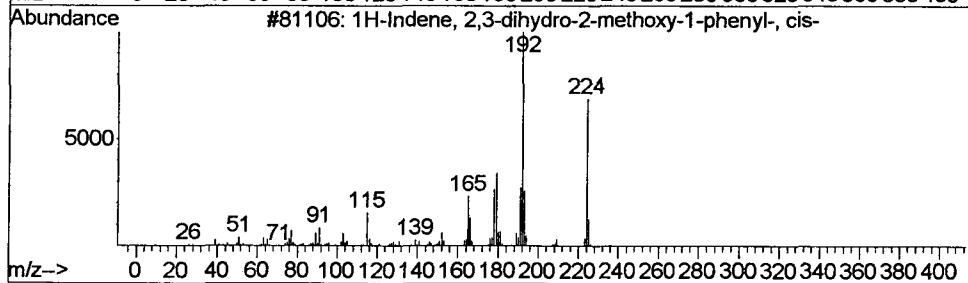
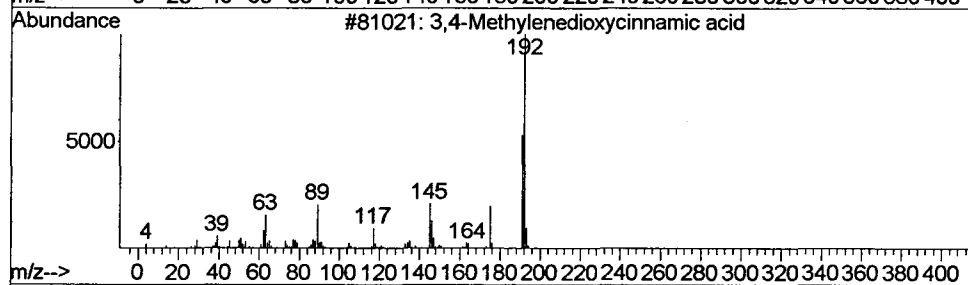
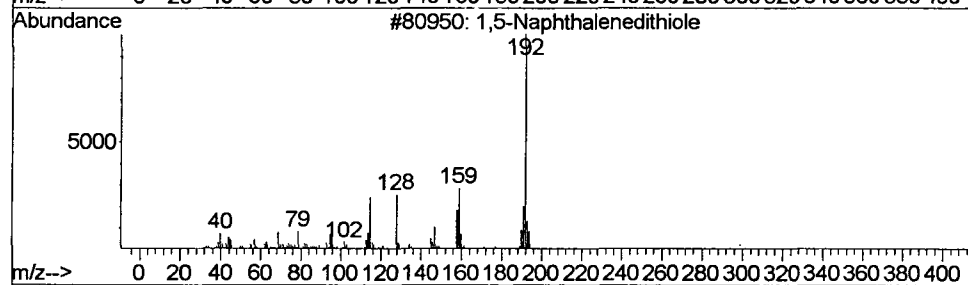
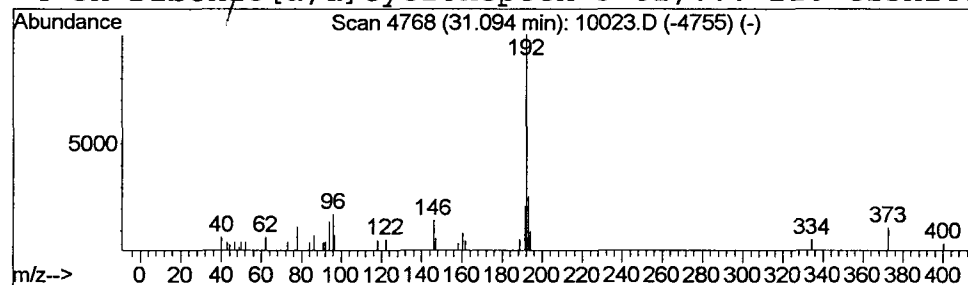
Vial: 22
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE 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	0.33 ug/l	39265	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	40
2			3,4-Methylenedioxycinnamic acid	192	C10H8O4	002373-80-0	37
3			1H-Indene, 2,3-dihydro-2-methoxy...	224	C16H16O	111864-82-5	36
4			5H-Dibenzo[a,d]cyclohepten-5-ol,...	210	C15H14O	001210-34-0	33



Data File : C:\MSDCHEM\1\DATA\020507\10023.D
 Acq On : 8 May 2002 8:49 am
 Sample : sample
 Misc :
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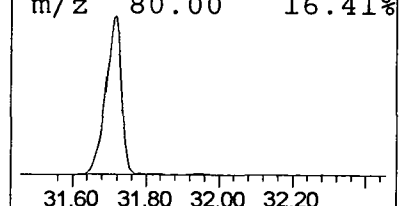
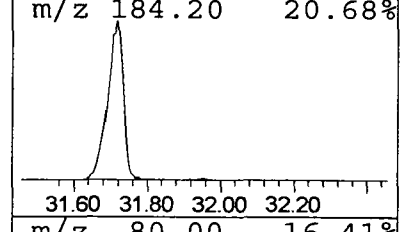
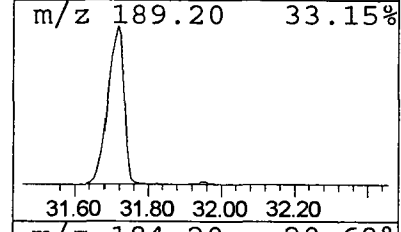
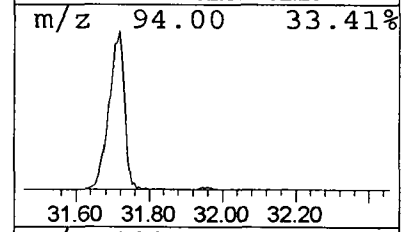
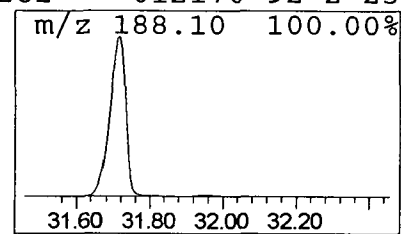
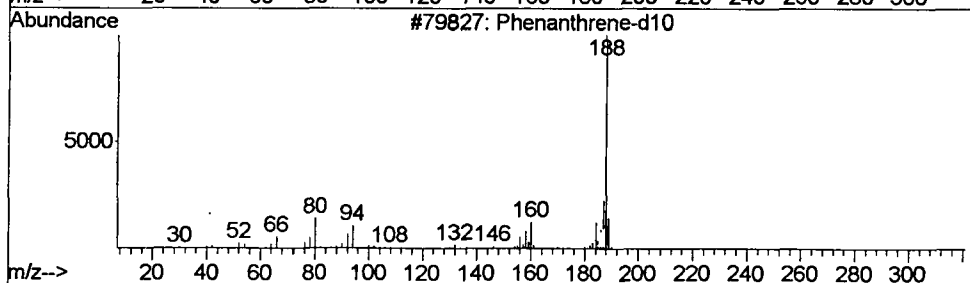
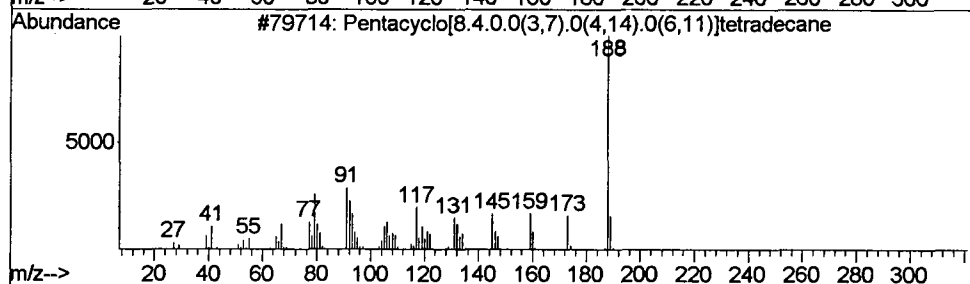
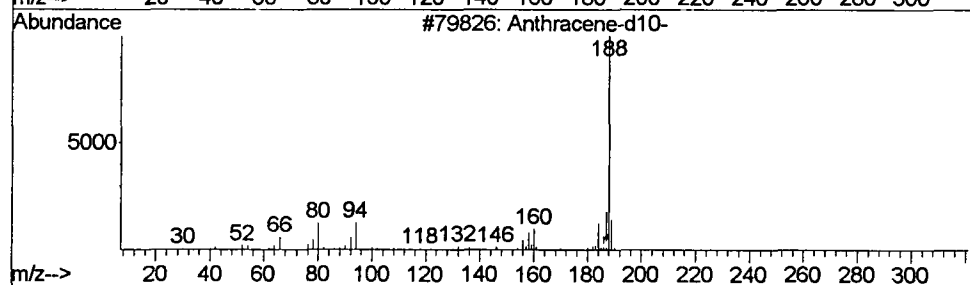
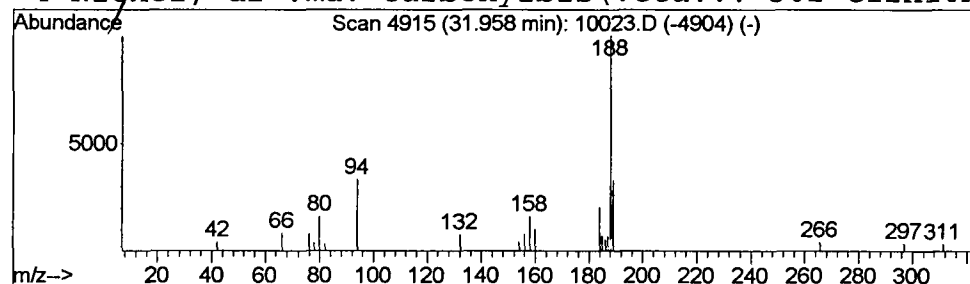
Vial: 22
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

 Peak Number 5 Anthracene-d10- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.33 ug/l	38814	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene-d10-	188	C14D10	001719-06-8	53
2		Pentacyclo[8.4.0.0(3,7).0(4,14)....	188	C14H20	1000099-27-2	37
✓3		Phenanthrene-d10	188	C14D10	001517-22-2	33
4		Nickel, di-.mu.-carbonylbis(.eta...	302	C12H10Ni2O2	012170-92-2	23



Operator ID: Nefliu Date Acquired: 8 May 2002 8:49 am
Data File: C:\MSDCHEM\1\DATA\020507\10023.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title: Method 508 GC/MS Scan
Library Searched: C:\DATABASE\nist98.1

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-buten-2-ol, 2-acetyl								
Pentane, 2-nitro	5.01	2.3	ug/l	194078	1	11.38	3349440	40.0
1-Propene, 3-meth...	5.79	2.5	ug/l	206343	1	11.38	3349440	40.0
2-Pentanone, 4-hy...	6.15	14.4	ug/l	1201870	1	11.38	3349440	40.0
1,5-Naphthalenedi...	31.09	0.3	ug/l	39265	4	31.72	4693460	40.0
Anthracene, d10-	31.96	0.3	ug/l	38814	4	31.72	4693460	40.0
Phenanthrene, d10								