

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/20/2002 Time: 09:47:21

Sample: AE10209
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/20/02 09:46 Ended: 5/20/02 09:46 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		80		10.0

Comments for Sample AE10209 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-20-2002 Time: 09:48:03

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

Data File : C:\MSDCHEM\1\DATA\020509\10209.D

Acq On : 9 May 2002 8:30 pm

Sample : sample

Misc :

MS Integration Params: lscint.e

Quant Time: May 10 08:14:10 2002

Vial: 11

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	527929	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1984357	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	1065733	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1778158	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1352569	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	930878	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.54	207	68193	8.01	ug/l	-0.04
Spiked Amount	10.000		Recovery	=	80.10%	

Target Compounds

Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
10209.D SCAN020507.M Tue May 14 14:13:39 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020509\10209.D

Vial: 11

Acq On : 9 May 2002 8:30 pm

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: lscint.e

Quant Time: May 10 8:15 2002

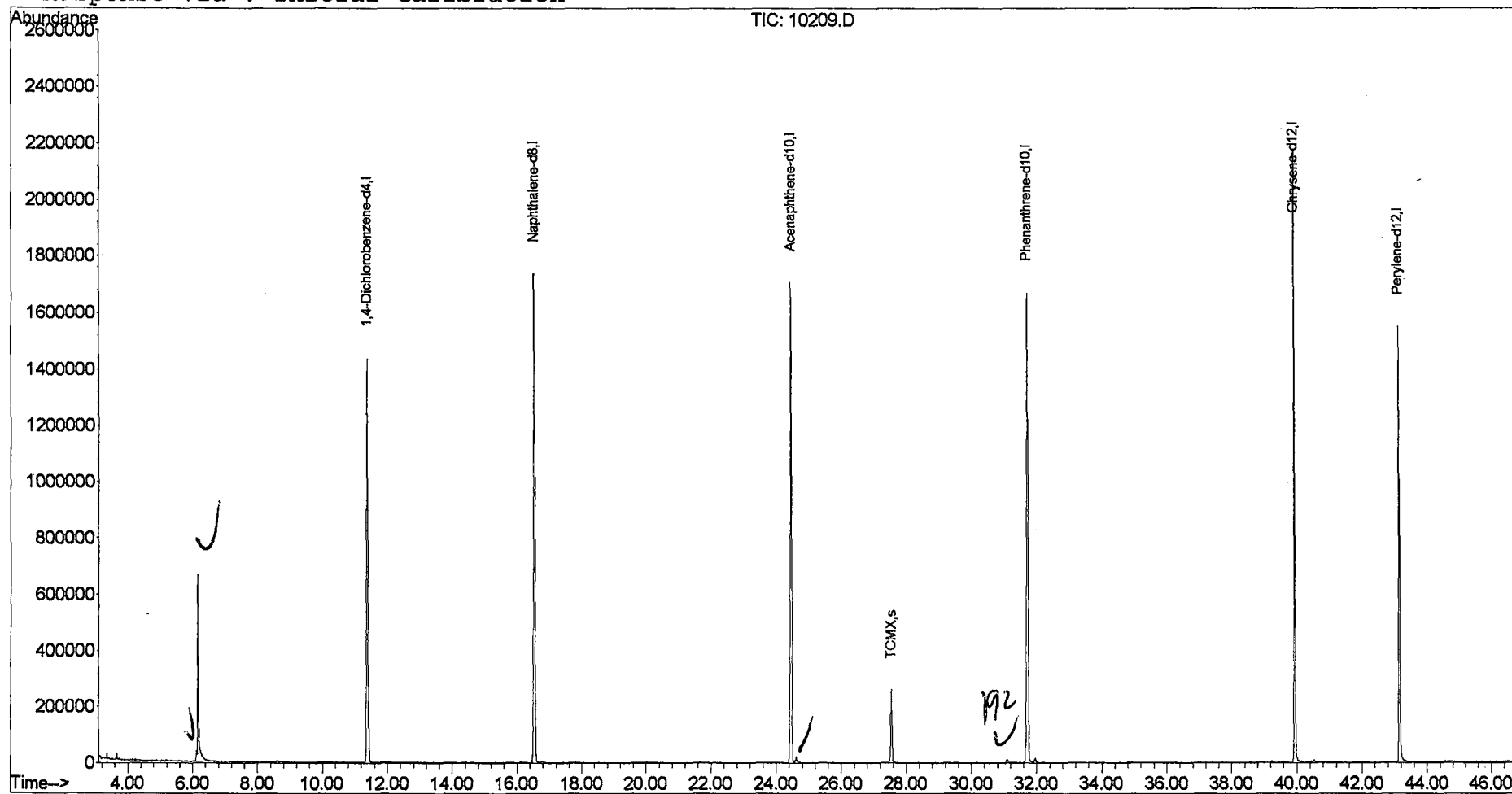
Quant Results File: SCAN020507.RES

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\020509\10209.D

Vial: 11

Acq On : 9 May 2002 8:30 pm

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

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

Title : Method 508 GC/MS Scan

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 0.7 % 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

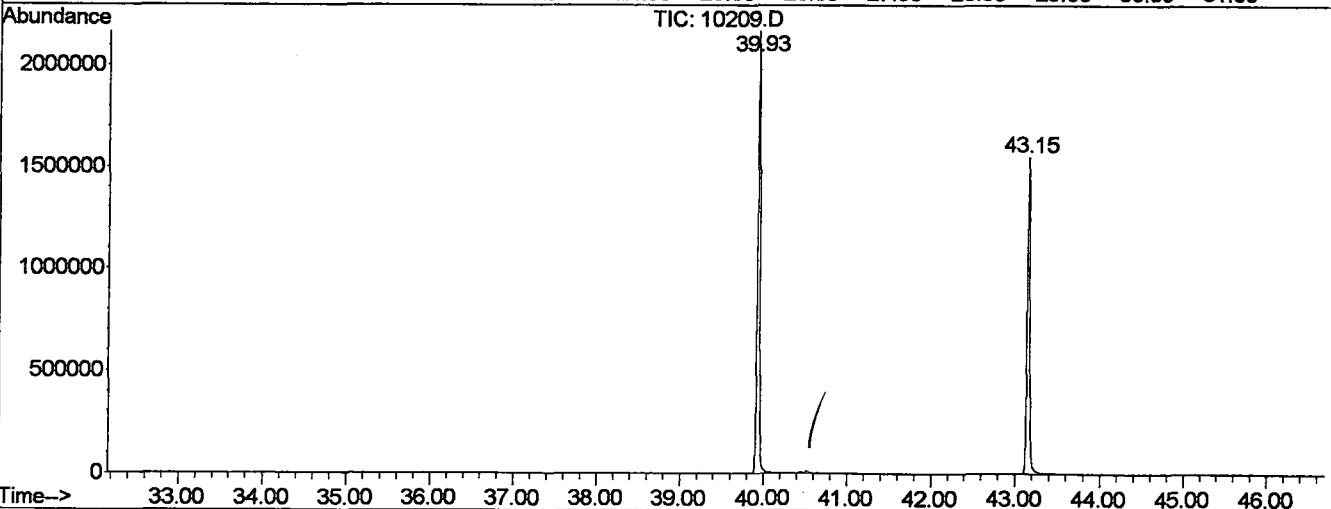
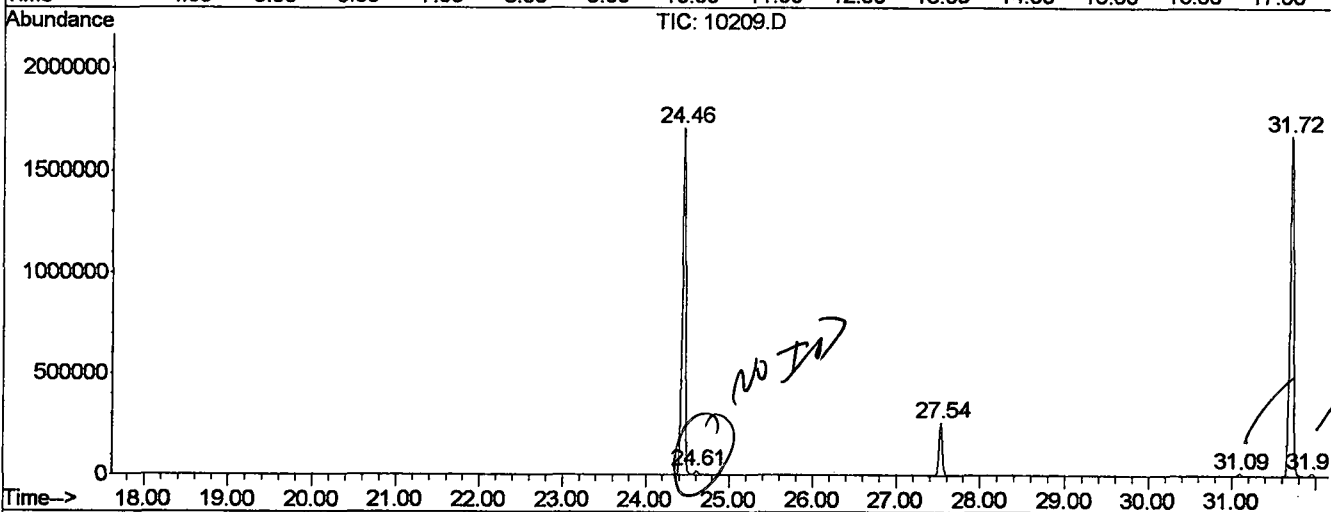
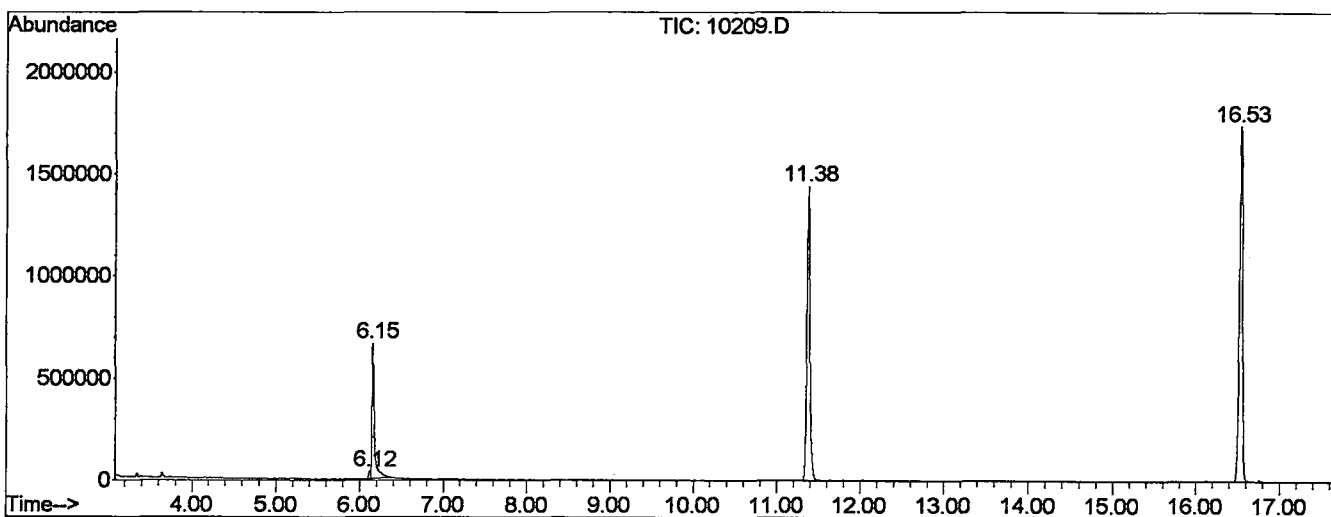
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.123	511	518	519	rBV2	36797	53586	1.08%	0.194%
2	6.152	519	523	559	rVB	662182	1301781	26.13%	4.719%
3	11.376	1400	1412	1431	rBV	1438493	3653264	73.33%	13.243%
4	16.534	2274	2290	2309	rBV	1738267	4579287	91.92%	16.600%
5	24.460	3623	3639	3654	rBV	1706226	4778211	95.91%	17.321%
6	24.613	3657	3665	3680	rVB5	21443	61492	1.23%	0.223%
7	27.539	4144	4163	4174	rBV2	261636	713435	14.32%	2.586%
8	31.094	4757	4768	4779	rBV4	12881	40137	0.81%	0.145%
9	31.717	4857	4874	4903	rBV3	1670149	4981726	100.00%	18.059%
10	31.958	4906	4915	4926	rVB4	15092	46424	0.93%	0.168%
11	39.931	6260	6272	6289	rBV2	2166607	4103344	82.37%	14.875%
12	43.151	6807	6820	6846	rBV2	1550571	3273231	65.70%	11.866%

Sum of corrected areas: 27585918

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020509\10209.D
Operator : Nefliu
Acquired : 9 May 2002 8:30 pm using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 11
Quant File :SCAN020507.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\DATA\020509\10209.D
 Acq On : 9 May 2002 8:30 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

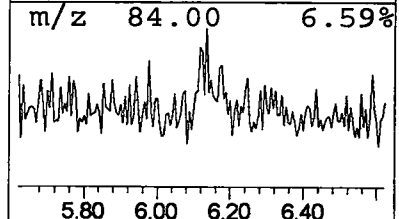
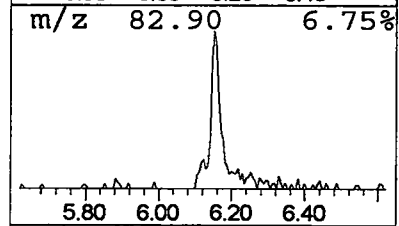
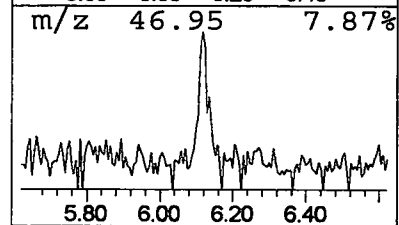
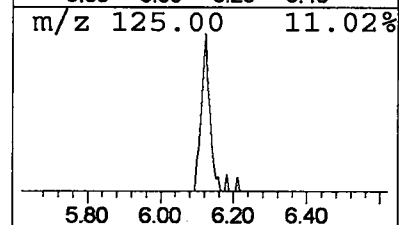
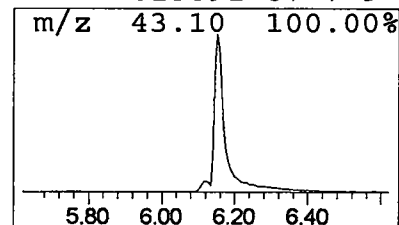
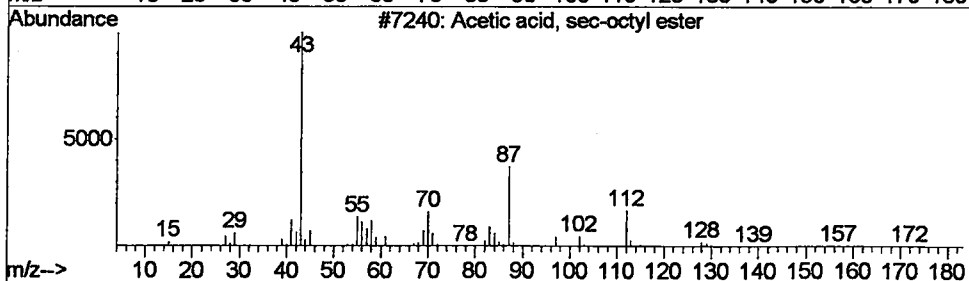
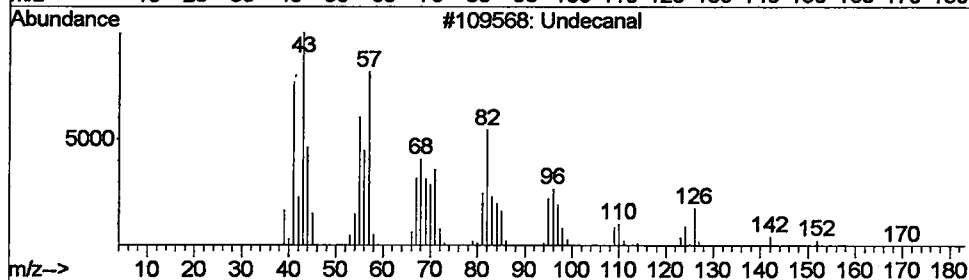
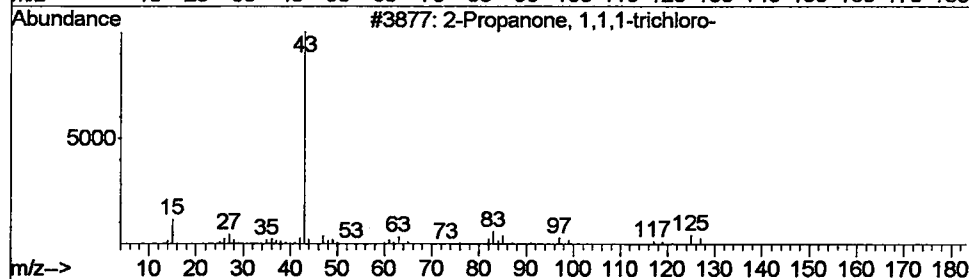
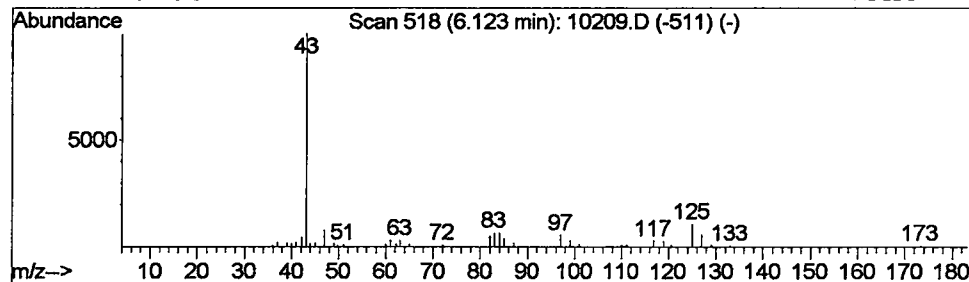
Vial: 11
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	0.59 ug/l	53586	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	40
2	Undecanal	170	C11H22O	000112-44-7	25
3	Acetic acid, sec-octyl ester	172	C10H20O2	054515-77-4	23
4	4-Penten-2-one	84	C5H8O	013891-87-7	9



Data File : C:\MSDCHEM\1\DATA\020509\10209.D
 Acq On : 9 May 2002 8:30 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

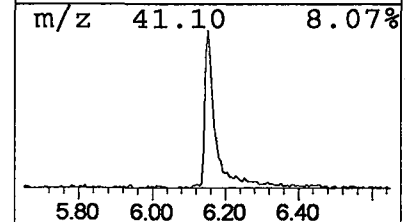
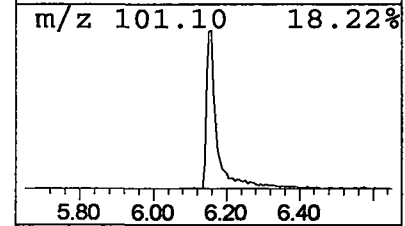
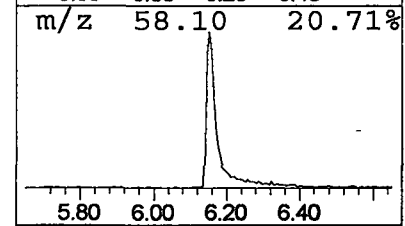
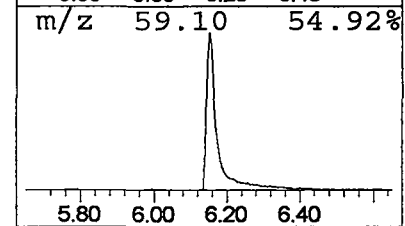
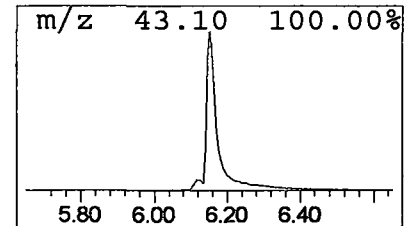
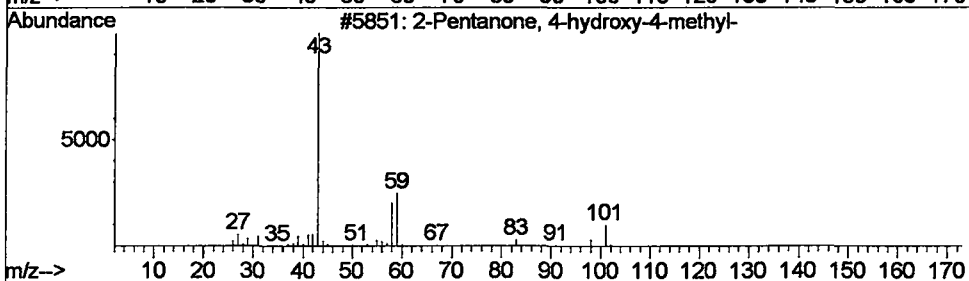
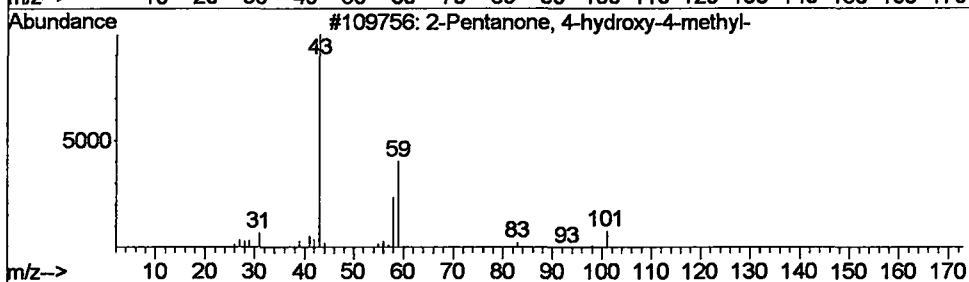
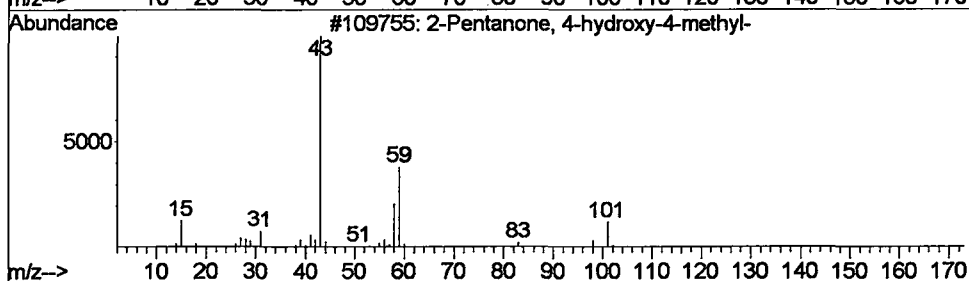
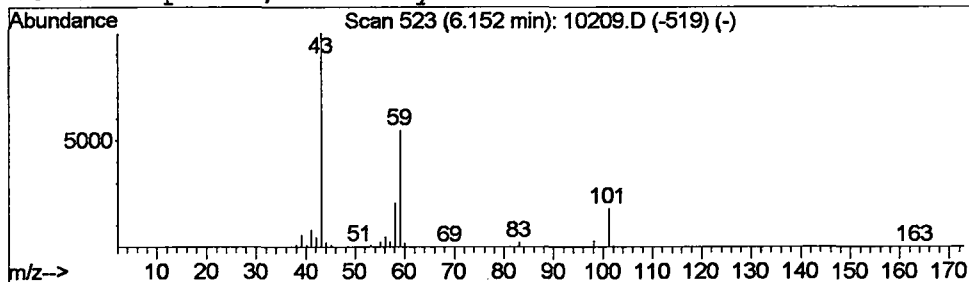
Vial: 11
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	14.25 ug/l	1301780	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	45
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
4		2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	23



Data File : C:\MSDCHEM\1\DATA\020509\10209.D
Acq On : 9 May 2002 8:30 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

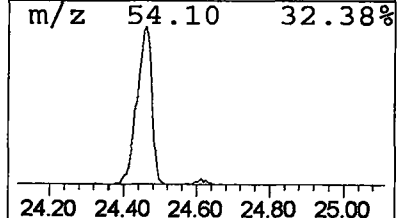
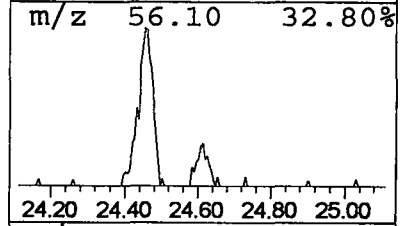
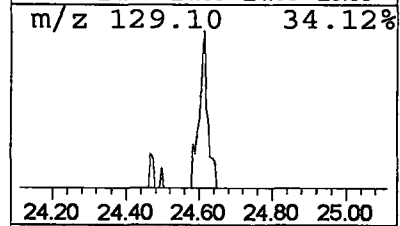
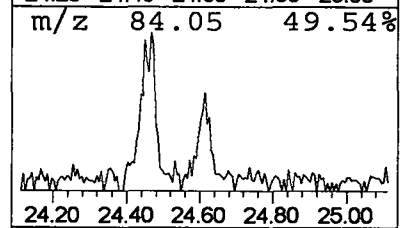
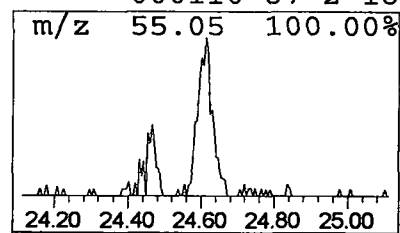
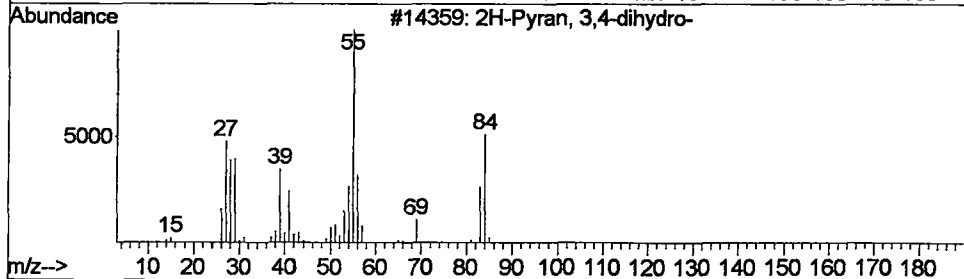
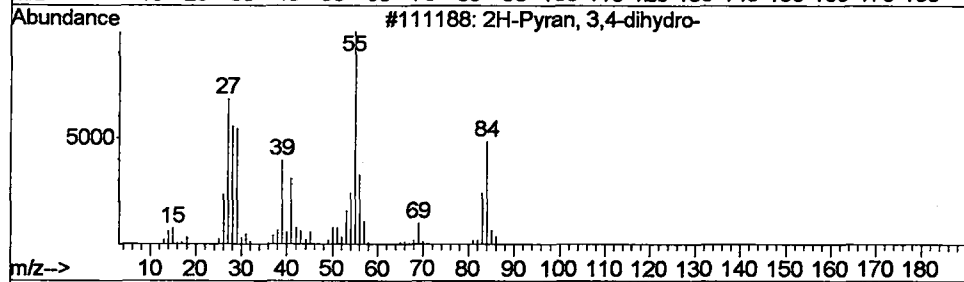
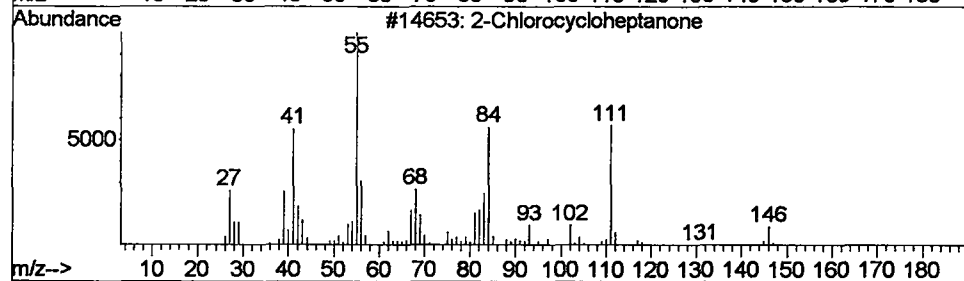
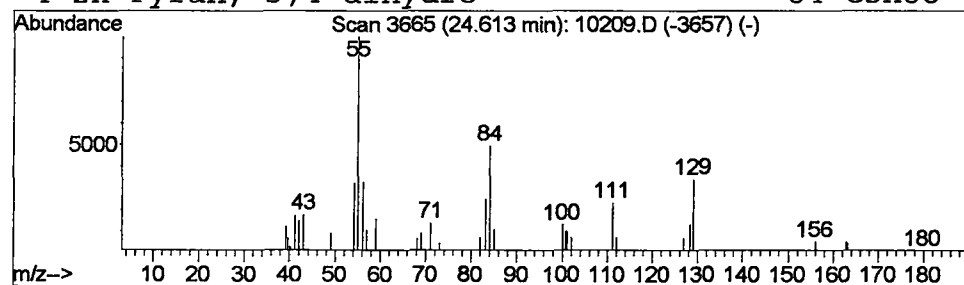
Vial: 11
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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-Chlorocycloheptanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.61	0.51 ug/l	61492	Acenaphthene-d10	24.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Chlorocycloheptanone	146	C7H11ClO	1000194-46-7	27
2			2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	20
3			2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	18
4			2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	18



Data File : C:\MSDCHEM\1\DATA\020509\10209.D
 Acq On : 9 May 2002 8:30 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

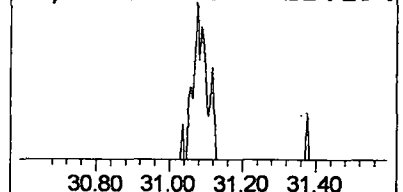
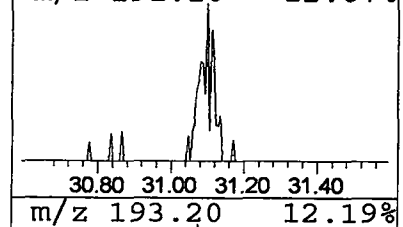
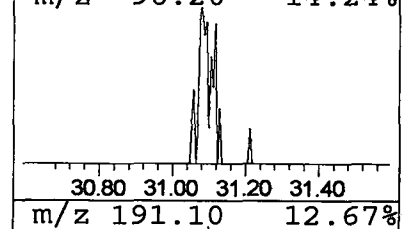
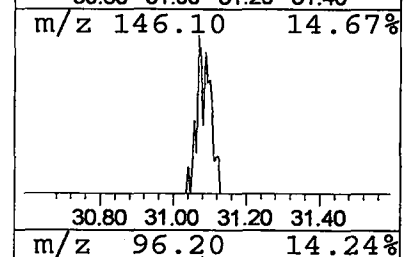
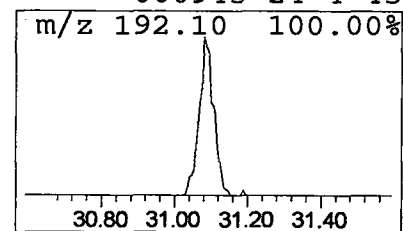
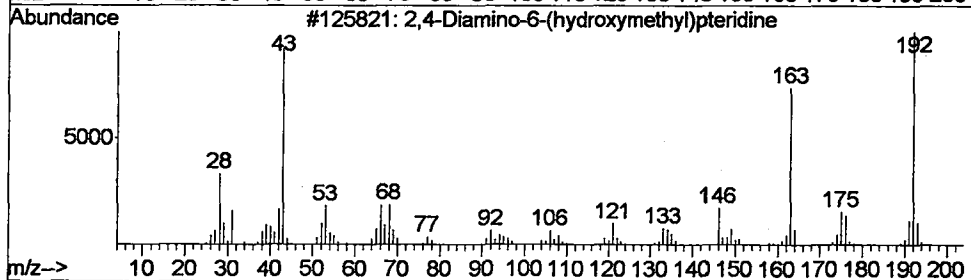
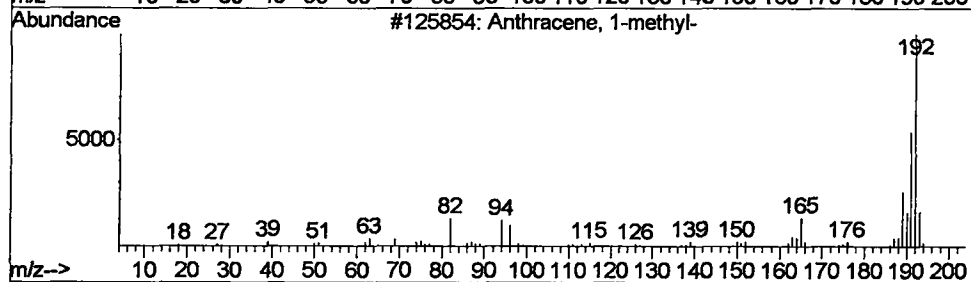
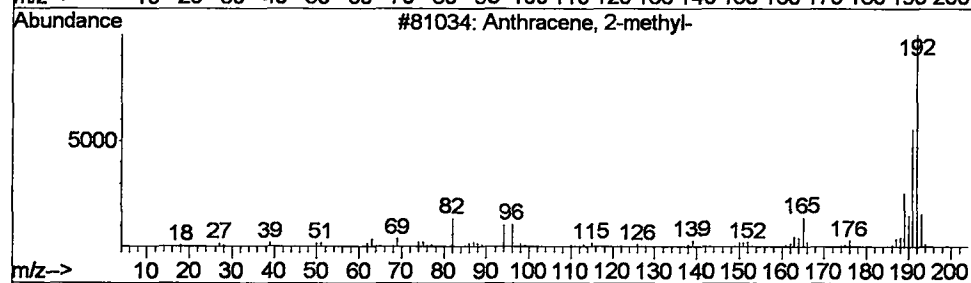
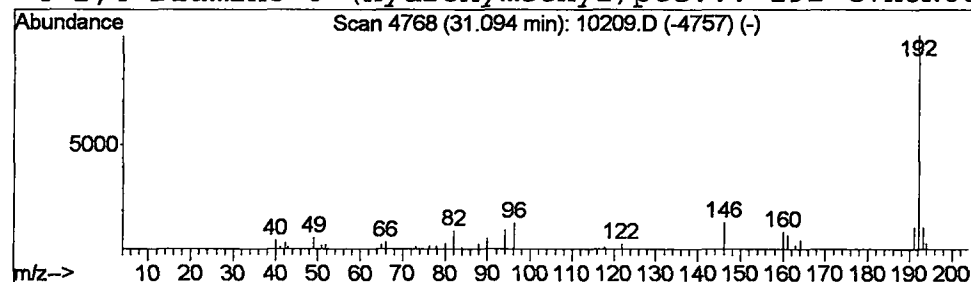
Vial: 11
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 4 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.32 ug/l	40137	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	59
3			2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	45
4			2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	45



Data File : C:\MSDCHEM\1\DATA\020509\10209.D
Acq On : 9 May 2002 8:30 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

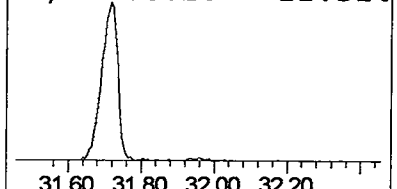
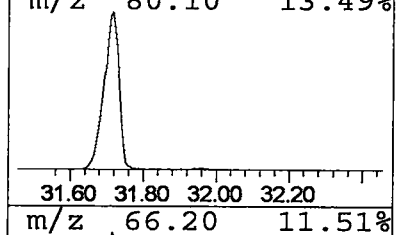
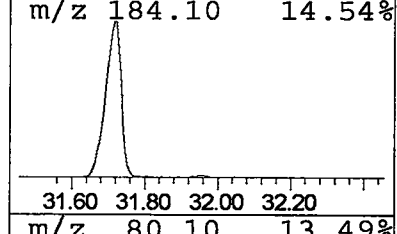
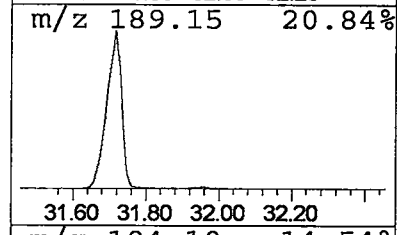
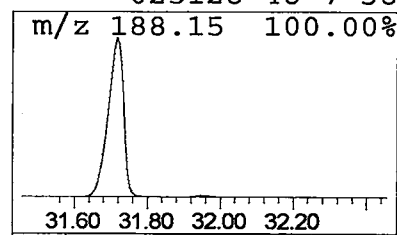
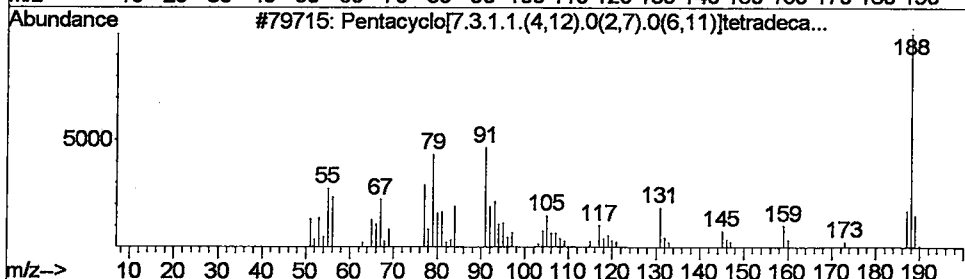
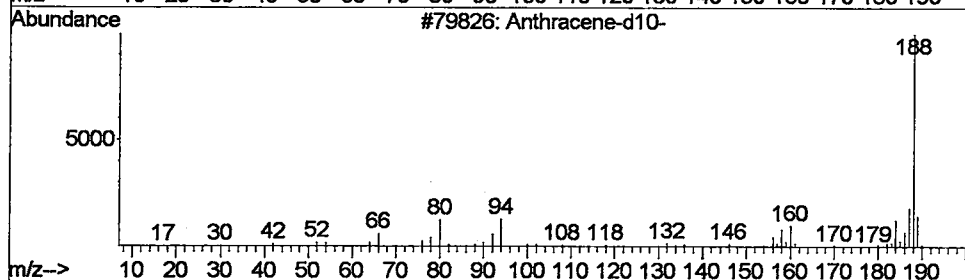
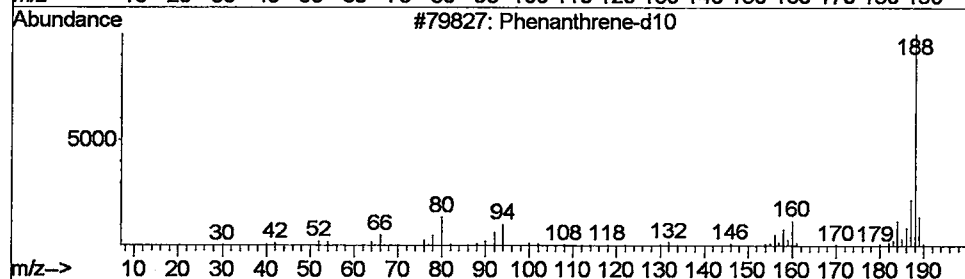
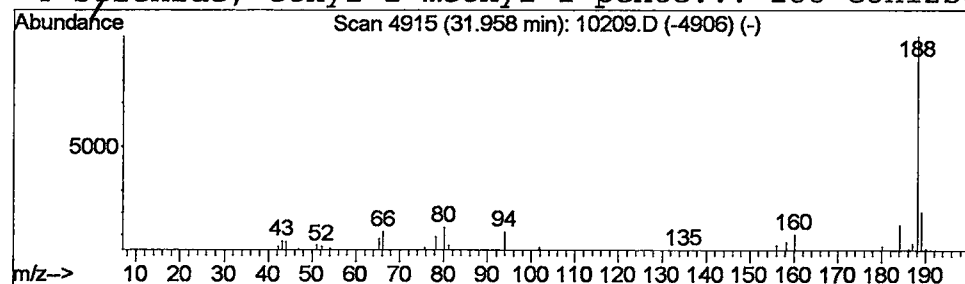
Vial: 11
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 5 Phenanthrene-d10 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.37 ug/l	46424	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene-d10	188	C14D10	001517-22-2	83
2		Anthracene-d10-	188	C14D10	001719-06-8	80
3		Pentacyclo[7.3.1.1.(4,12).0(2,7)...]	188	C14H20	1000215-61-8	59
4		Selenide, ethyl 1-methyl-1-pente...	188	C8H12Se	025128-48-7	38



Operator ID: Nefliu Date Acquired: 9 May 2002 8:30 pm
Data File: C:\MSDCHEM\1\DATA\020509\10209.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	--Internal Standard--			
					#	RT	Resp	Conc
2-Propanone, 1,1,...	6.12	0.6	ug/l	53586	1	11.38	3653260	40.0
2-Pentanone, 4-hy...	6.15	14.3	ug/l	1301780	1	11.38	3653260	40.0
2-Chlorocyclohept...	24.61	0.5	ug/l	61492	3	24.46	4778210	40.0
Anthracene, 2-met...	31.09	0.3	ug/l	40137	4	31.72	4981730	40.0
Phenanthrene-d10	31.96	0.4	ug/l	46424	4	31.72	4981730	40.0

Anthracene-d10