

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/29/2002 Time: 15:10:35

Sample: AE11567
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/29/02 15:10 Ended: 5/29/02 15:10 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		84		10.0

Comments for Sample AE11567 - Analysis \$GCMS

Nestchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-29-2002 Time: 15:11:14

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020521\11567.D
 Acq On : 22 May 2002 3:08 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 24 09:40:12 2002

Vial: 20
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Results File: SCAN020521.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Last Update : Fri May 24 09:17:56 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	427184	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1585011	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.45	164	850421	40.00	ug/l	-0.03
30) Phenanthrene-d10	31.71	188	1451369	40.00	ug/l	-0.03
38) Chrysene-d12	39.93	240	1138739	40.00	ug/l	-0.05
44) Perylene-d12	43.14	264	628293	40.00	ug/l	-0.04

System Monitoring Compounds

27) TCMX	27.55	207	229071	33.58	ug/l	-0.04
Spiked Amount	40.000		Recovery	=	83.95%	

Target Compounds

43) Bis(2-ethylhexyl)phthalate	40.52	149	2281	0.09	ug/l	Qvalue # 66
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 11567.D SCAN020521.M Fri May 24 09:41:11 2002 Page 1

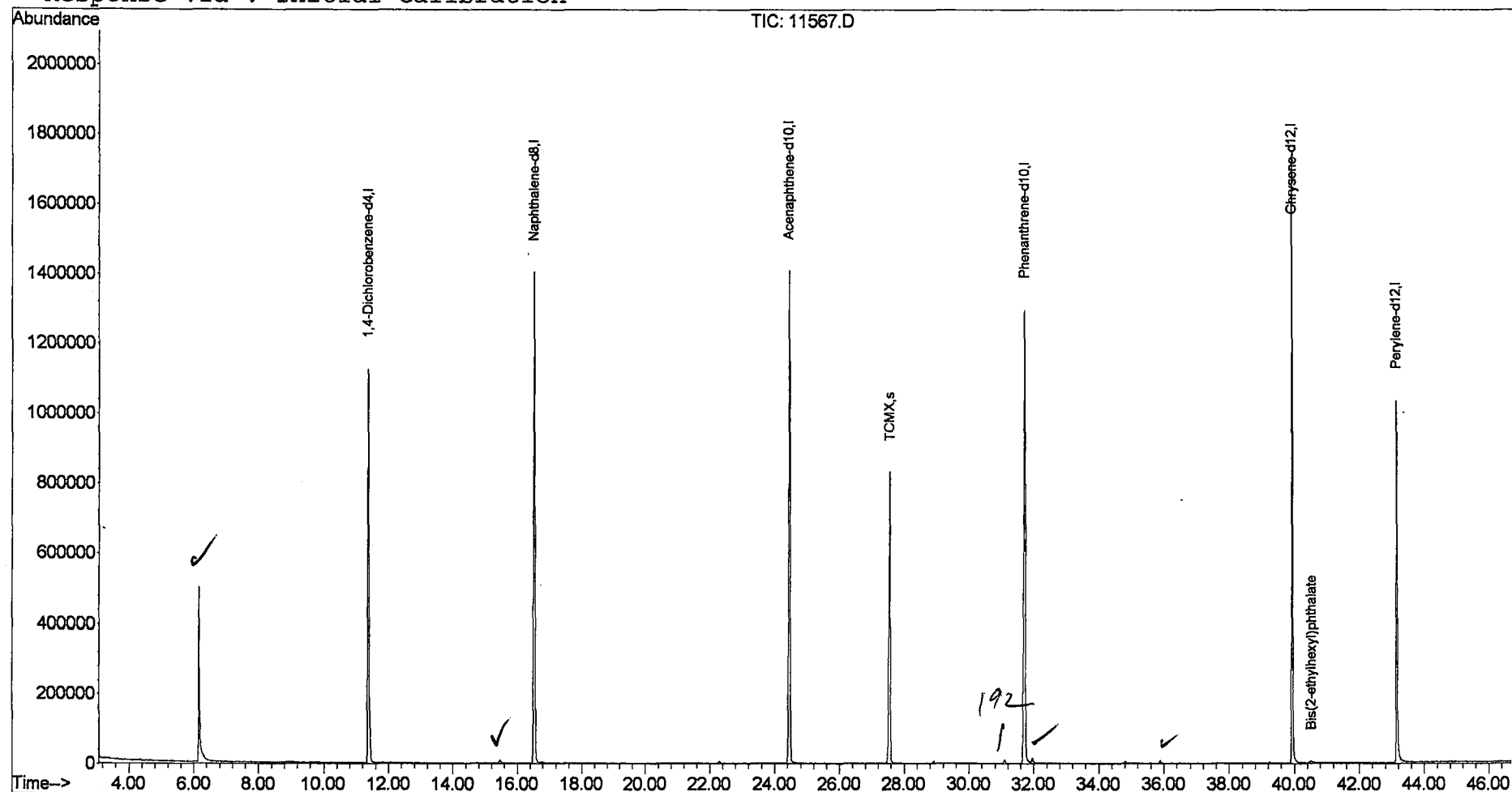
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020521\11567.D
Acq On : 22 May 2002 3:08 am
Sample : sample
Misc :
MS Integration Params: rteint.e
Quant Time: May 24 9:41 2002

Vial: 20
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Results File: SCAN020521.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Fri May 24 09:17:56 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020521\11567.D

Acq On : 22 May 2002 3:08 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 20

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)

Title : Method 508 GC/MS Scan

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 0.5 % 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

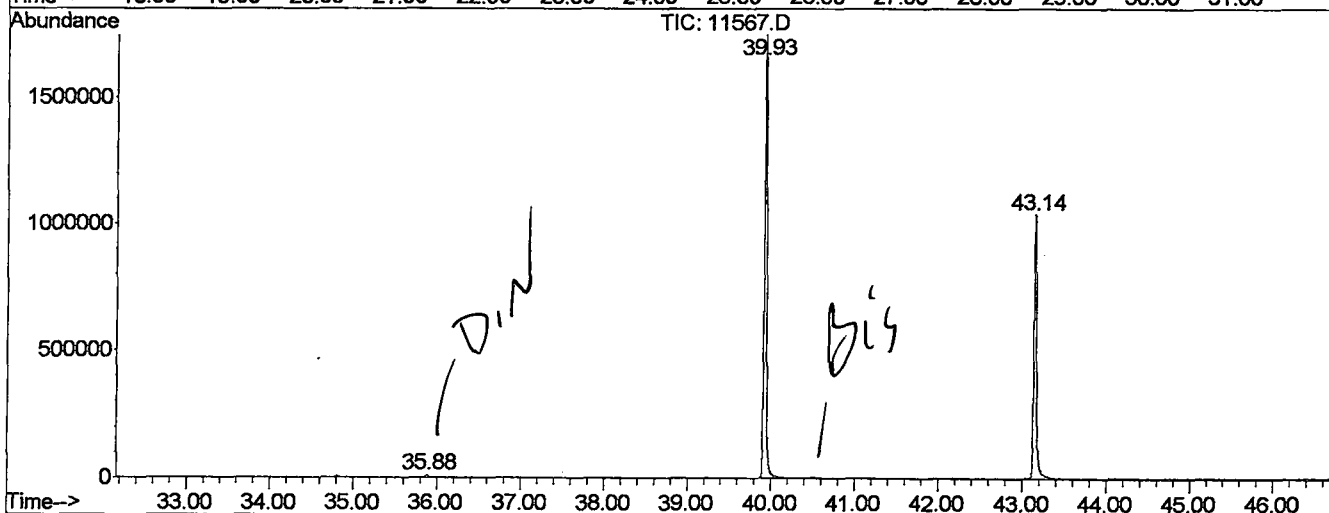
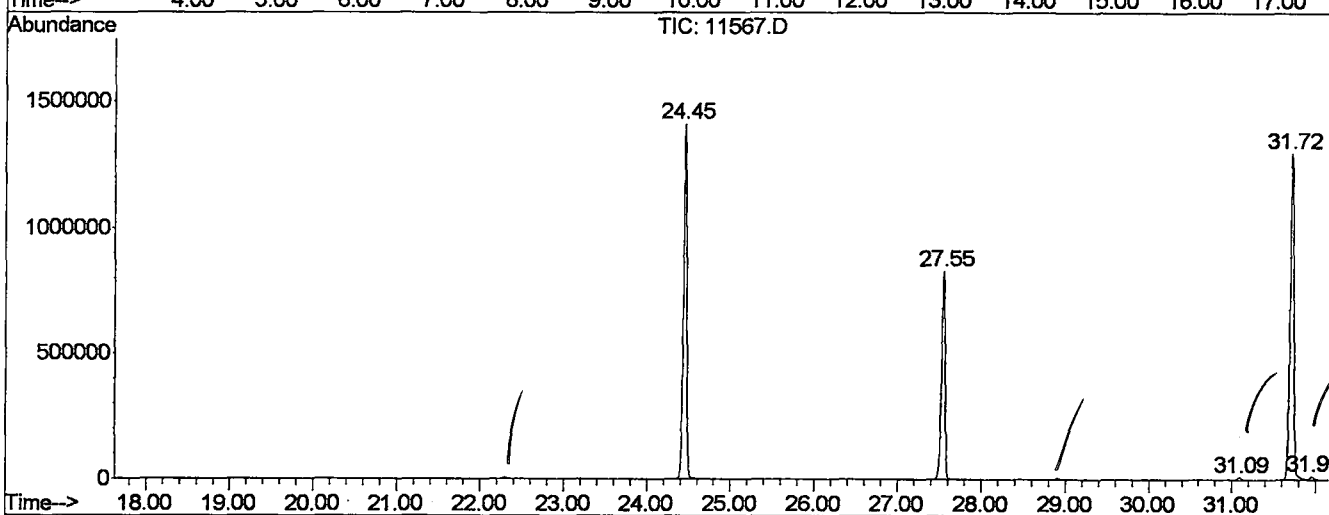
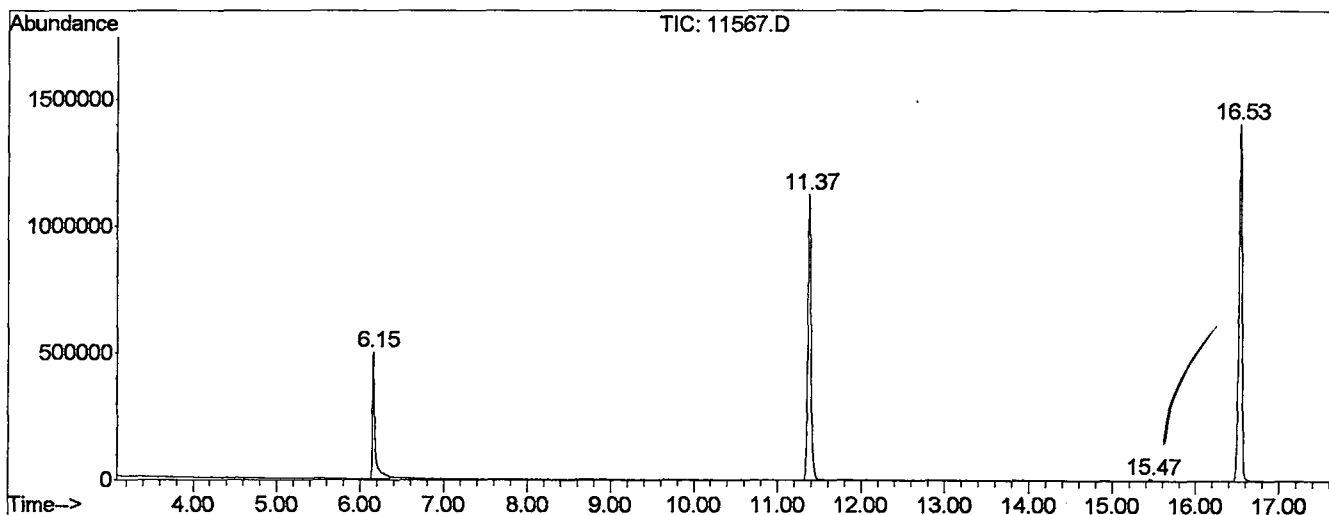
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.152	517	523	557	rBV	497280	1038394	25.35%	4.353%
2	11.370	1398	1411	1434	rBV	1124995	2963155	72.34%	12.422%
3	15.465	2097	2108	2113	rBV2	7839	20614	0.50%	0.086%
4	16.534	2276	2290	2310	rBV	1403956	3672588	89.66%	15.396%
5	24.455	3622	3638	3664	rBV2	1408599	3846560	93.91%	16.125%
6	27.551	4148	4165	4184	rVB2	830674	2379496	58.09%	9.975%
7	31.088	4758	4767	4780	rBV4	11113	30796	0.75%	0.129%
8	31.717	4855	4874	4904	rBV2	1298390	4095972	100.00%	17.171%
9	31.952	4904	4914	4930	rVB3	13486	43707	1.07%	0.183%
10	35.883	5572	5583	5593	rBV3	9743	24131	0.59%	0.101%
11	39.931	6260	6272	6304	rBV2	1744877	3475860	84.86%	14.571%
12	43.145	6805	6819	6853	rBV2	1036845	2263011	55.25%	9.487%

Sum of corrected areas: 23854284

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020521\11567.D
 Operator : Nefliu
 Acquired : 22 May 2002 3:08 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 20
 Quant File :SCAN020521.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11567.D
 Acq On : 22 May 2002 3:08 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

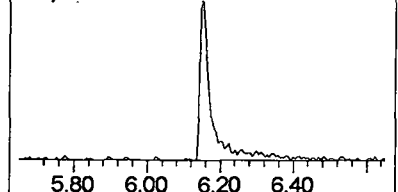
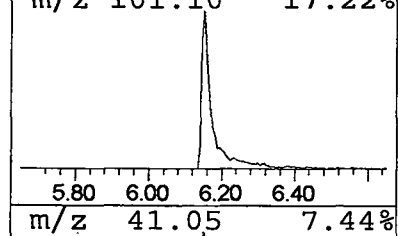
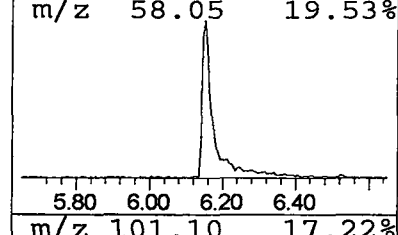
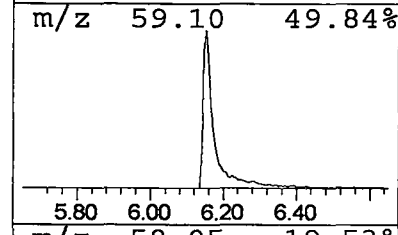
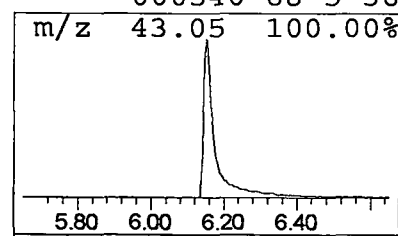
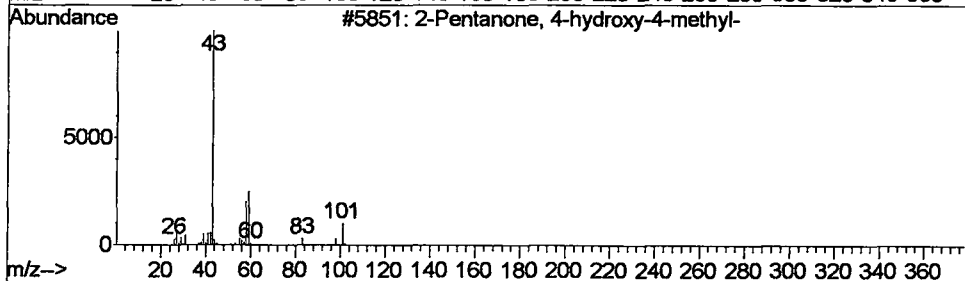
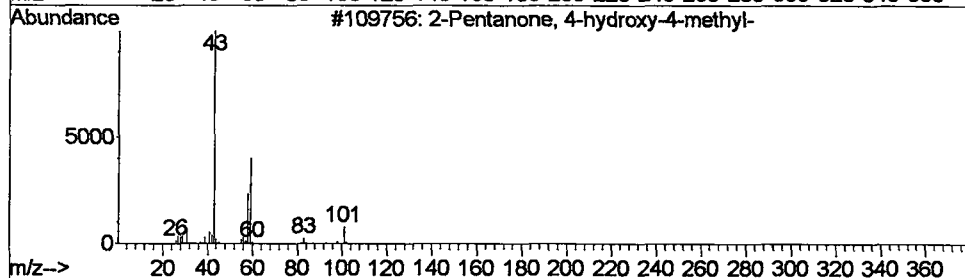
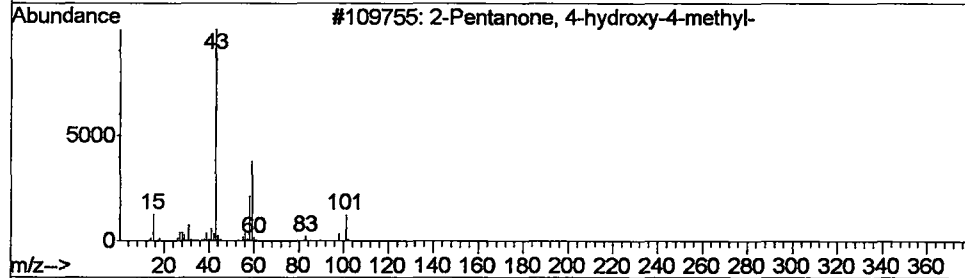
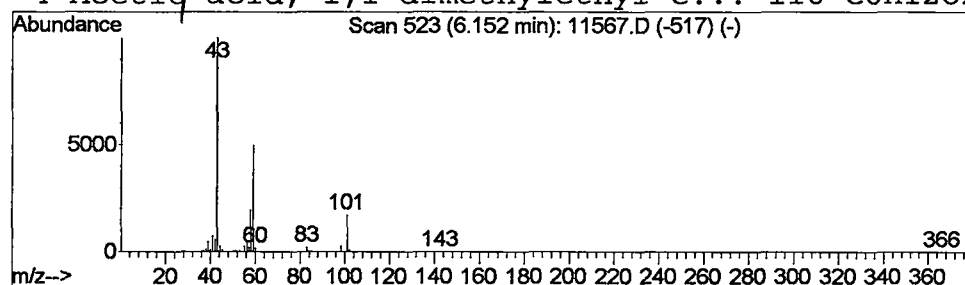
Vial: 20
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.l

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	14.02 ug/l	1038390	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	74
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	59
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36



Library Search Compound Report

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Sample : sample
Misc :
MS Integration Params: rteint.e

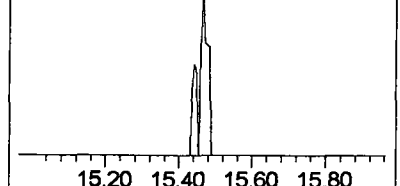
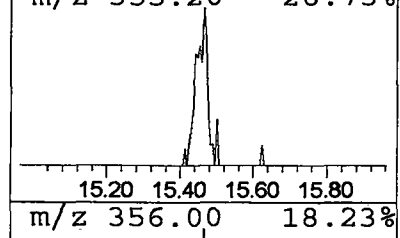
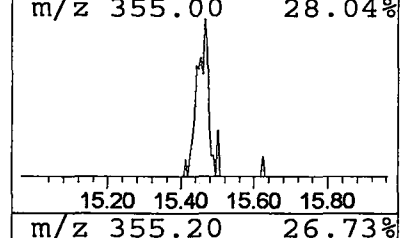
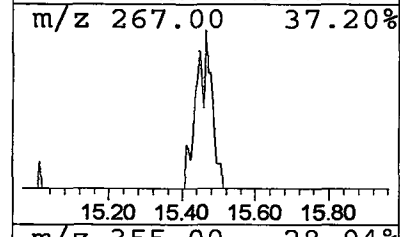
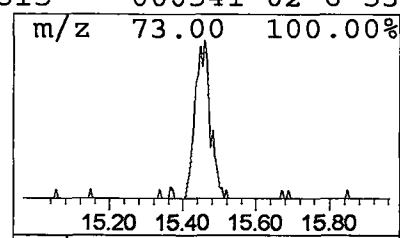
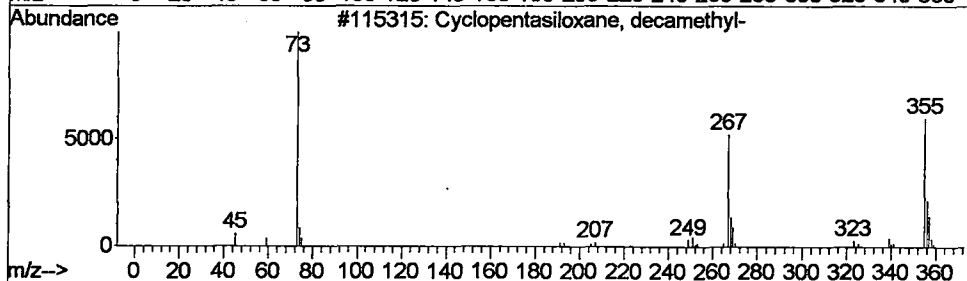
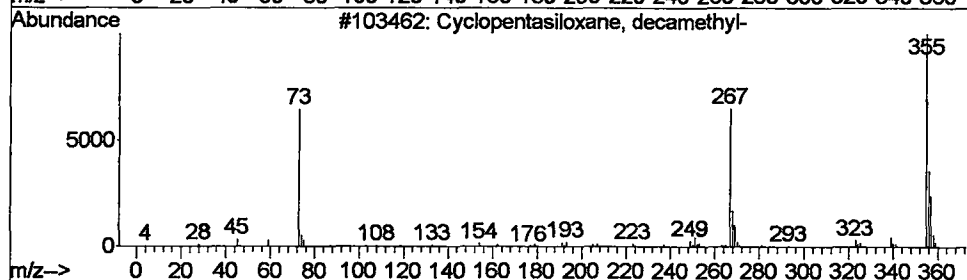
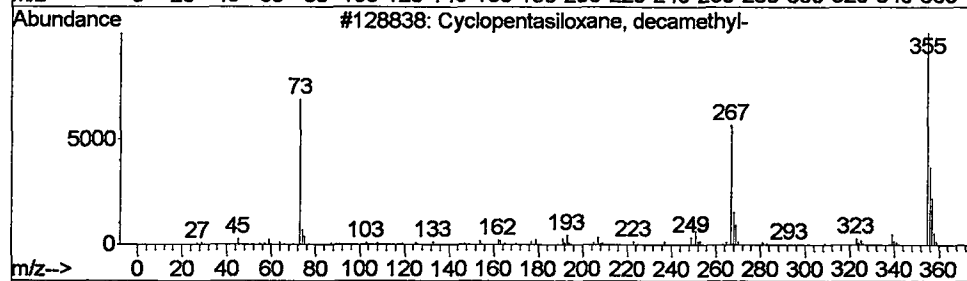
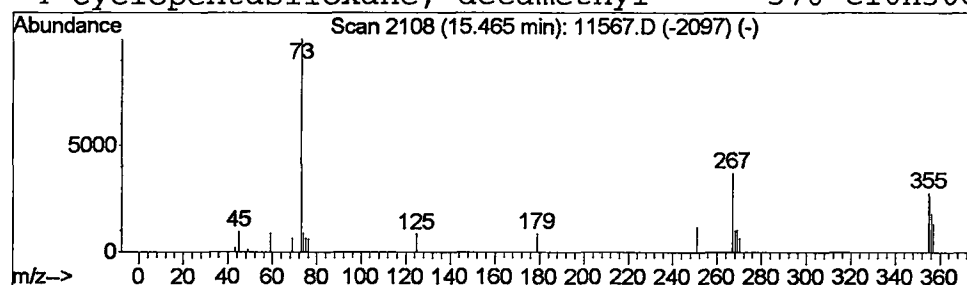
Vial: 20
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	0.22 ug/l	20614	Naphthalene-d8	16.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1	5	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	78
2		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	78
3		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	78
4		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	53



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11567.D

Acq On : 22 May 2002 3:08 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 20

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)

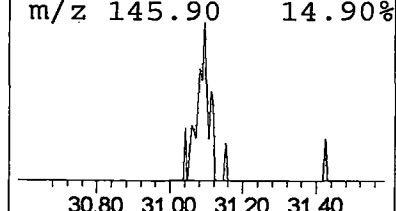
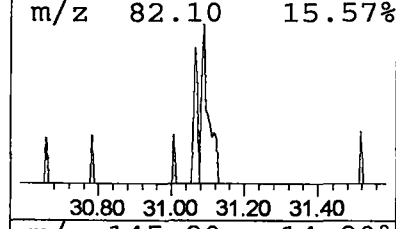
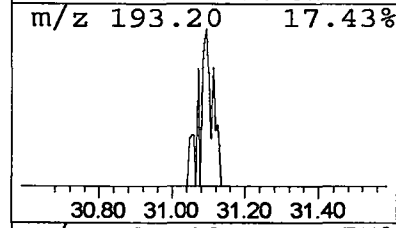
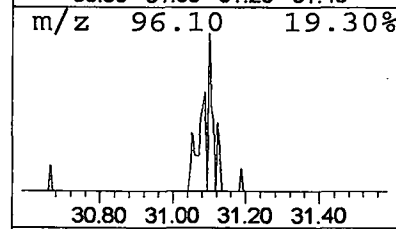
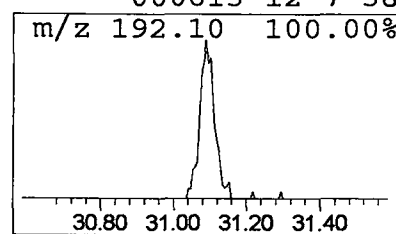
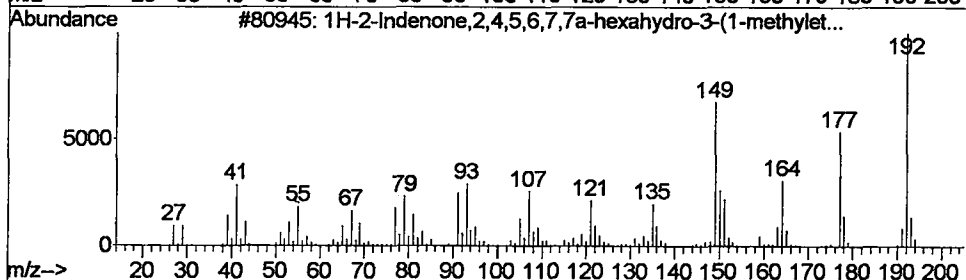
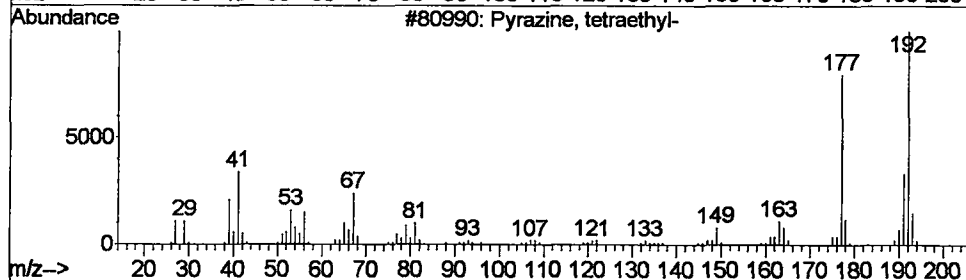
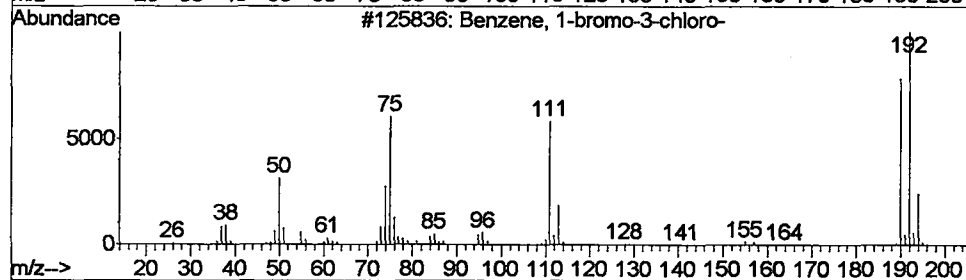
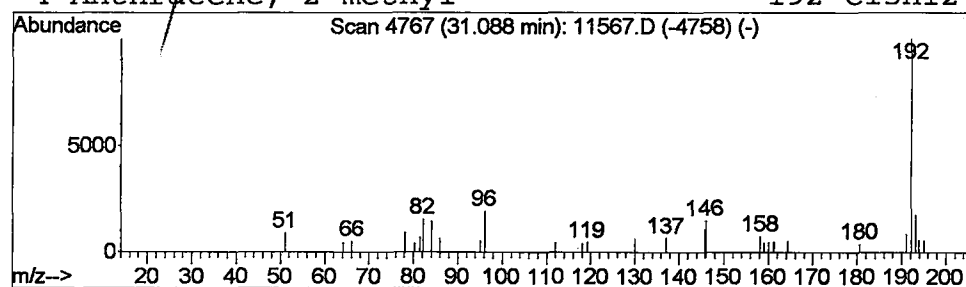
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

Peak Number 3 Benzene, 1-bromo-3-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.30 ug/l	30796	Phenanthrene-d10	31.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	47
2		Pyrazine, tetraethyl-	192	C12H20N2	038325-19-8	47
3		1H-2-Indenone, 2,4,5,6,7,7a-hexah...	192	C13H20O	1000196-69-5	40
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	38



Library Search Compound Report

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 MS Integration Params: rteint.e

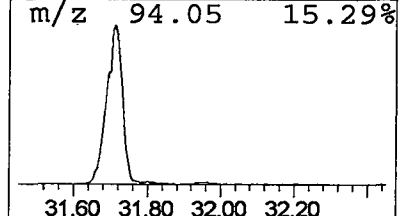
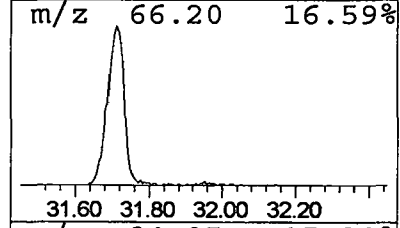
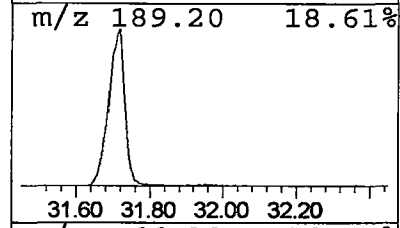
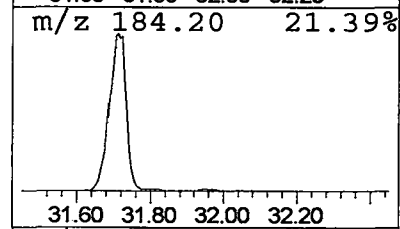
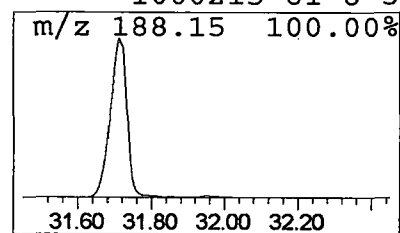
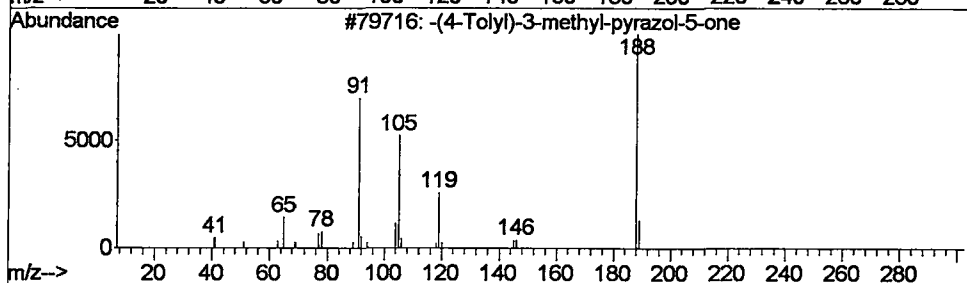
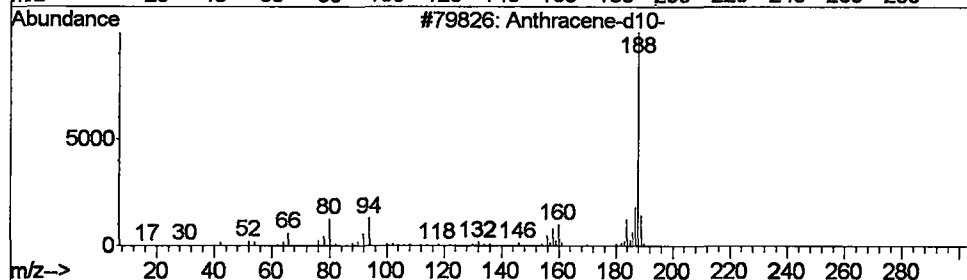
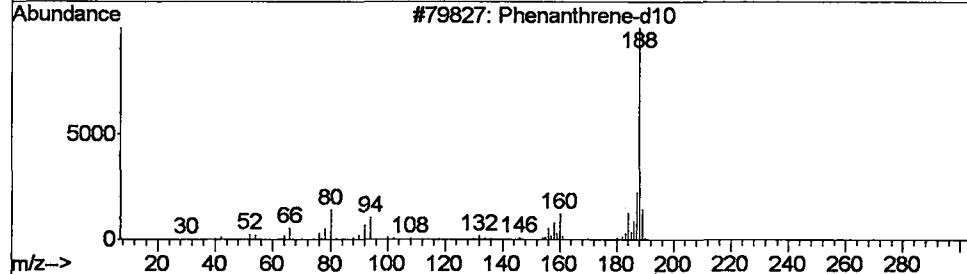
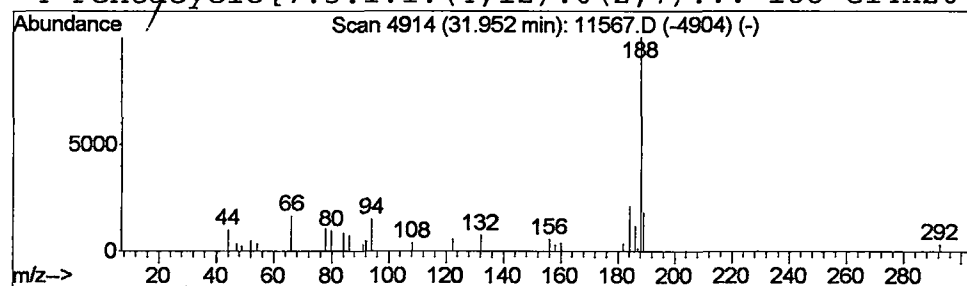
Vial: 20
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

 Peak Number 4 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.43 ug/l	43707	Phenanthrene-d10	31.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene-d10	188	C14D10	001517-22-2	72
2		Anthracene-d10-	188	C14D10	001719-06-8	64
3		-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	38
4		Pentacyclo[7.3.1.1.(4,12).0(2,7)...]	188	C14H20	1000215-61-8	33



Library Search Compound Report

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Acq On : 22 May 2002 3:08 am
Sample : sample
Misc :
MS Integration Params: rteint.e

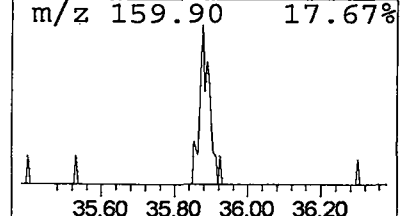
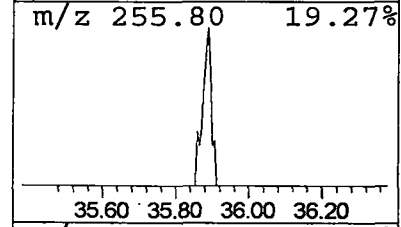
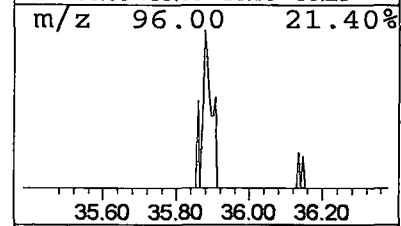
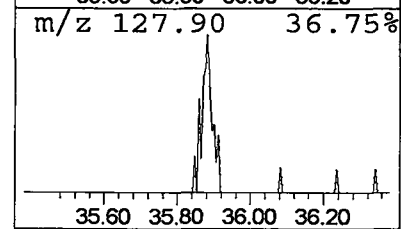
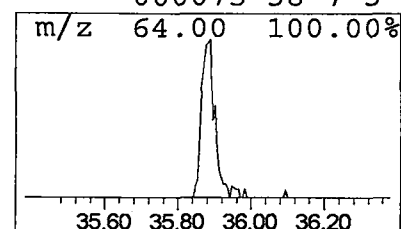
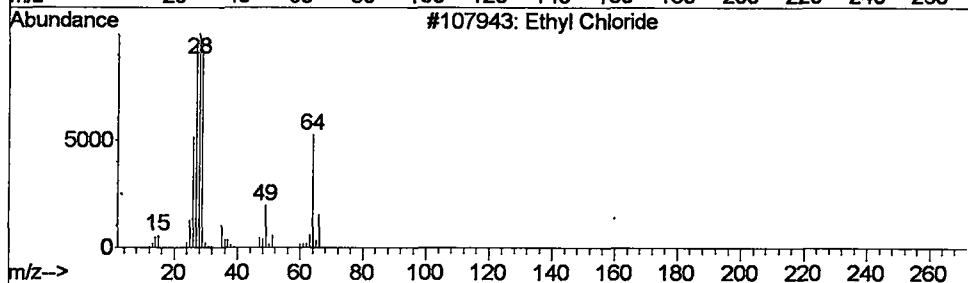
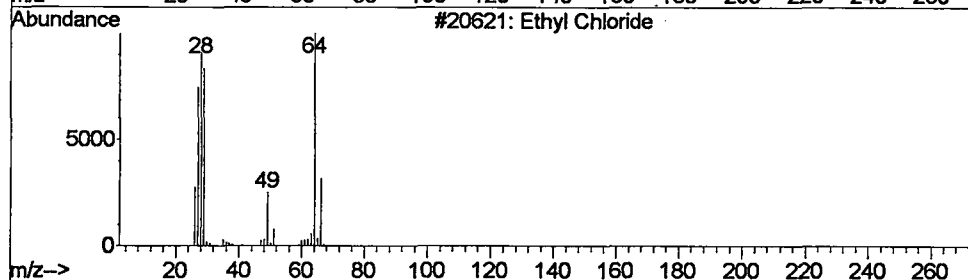
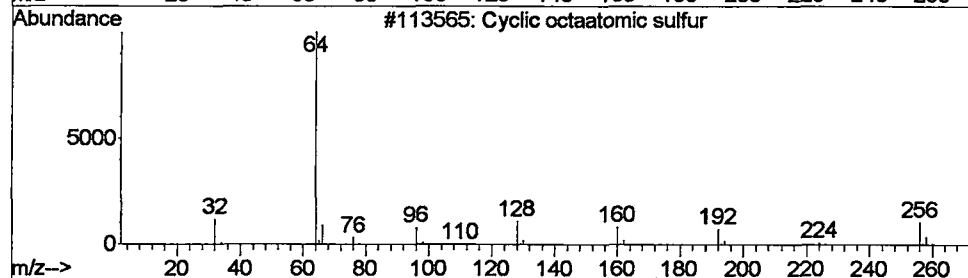
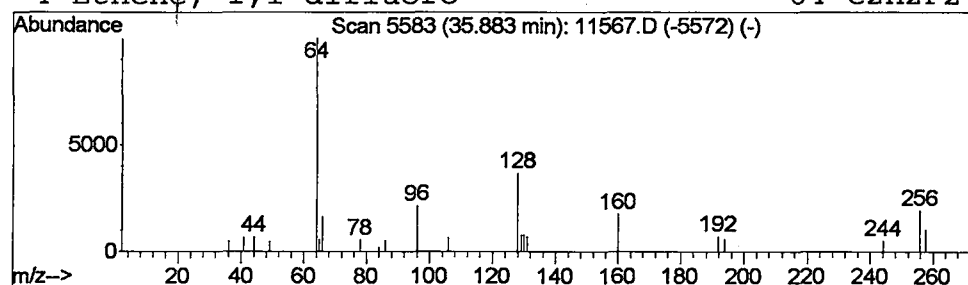
Vial: 20
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.1

Peak Number 5 Cyclic octaatomic sulfur Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.88	0.28 ug/l	24131	Chrysene-d12	39.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclic octaatomic sulfur	256	S8	010544-50-0	74	
2	Ethyl Chloride	64	C2H5Cl	000075-00-3	4	
3	Ethyl Chloride	64	C2H5Cl	000075-00-3	4	
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	3	



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 22 May 2002 3:08 am
Data File: C:\MSDCHEM\1\DATA\020521\11567.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020521.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-Pentanone, 4-hy...	6.15	14.0	ug/l	1038390	1	11.38	2963160	40.0
✓ Cyclopentasiloxan...	15.47	0.2	ug/l	20614	2	16.53	3672590	40.0
Benzene, 1-bromo...	31.09	0.3	ug/l	30796	4	31.71	4095970	40.0
Phenanthrene-d10	31.95	0.4	ug/l	43707	4	31.71	4095970	40.0
✓ Cyclic octaatomic...	35.88	0.3	ug/l	24131	5	39.93	3475860	40.0