

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:47:58

Sample: AE09684
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/15/02 11:47 Ended: 5/15/02 11:47 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		116		10.0

Comments for Sample AE09684 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-15-2002 Time: 11:49:32

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\020507\09684.D Vial: 10
Acq On : 7 May 2002 9:01 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: lscint.e
Quant Time: May 09 09:23:52 2002 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	470437	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1783240	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.45	164	939521	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1612889	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1325350	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	870554	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.54	207	86840	11.57	ug/l	-0.04
Spiked Amount	10.000		Recovery	=	115.70%	

Target Compounds

43) Bis(2-ethylhexyl)phthalate	40.52	149	11647	0.41	ug/l	Qvalue 93
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(#) = qualifier out of range (m) = manual integration (+) = signals summed
09684.D SCAN020507.M Thu May 09 09:25:34 2002 Page 1

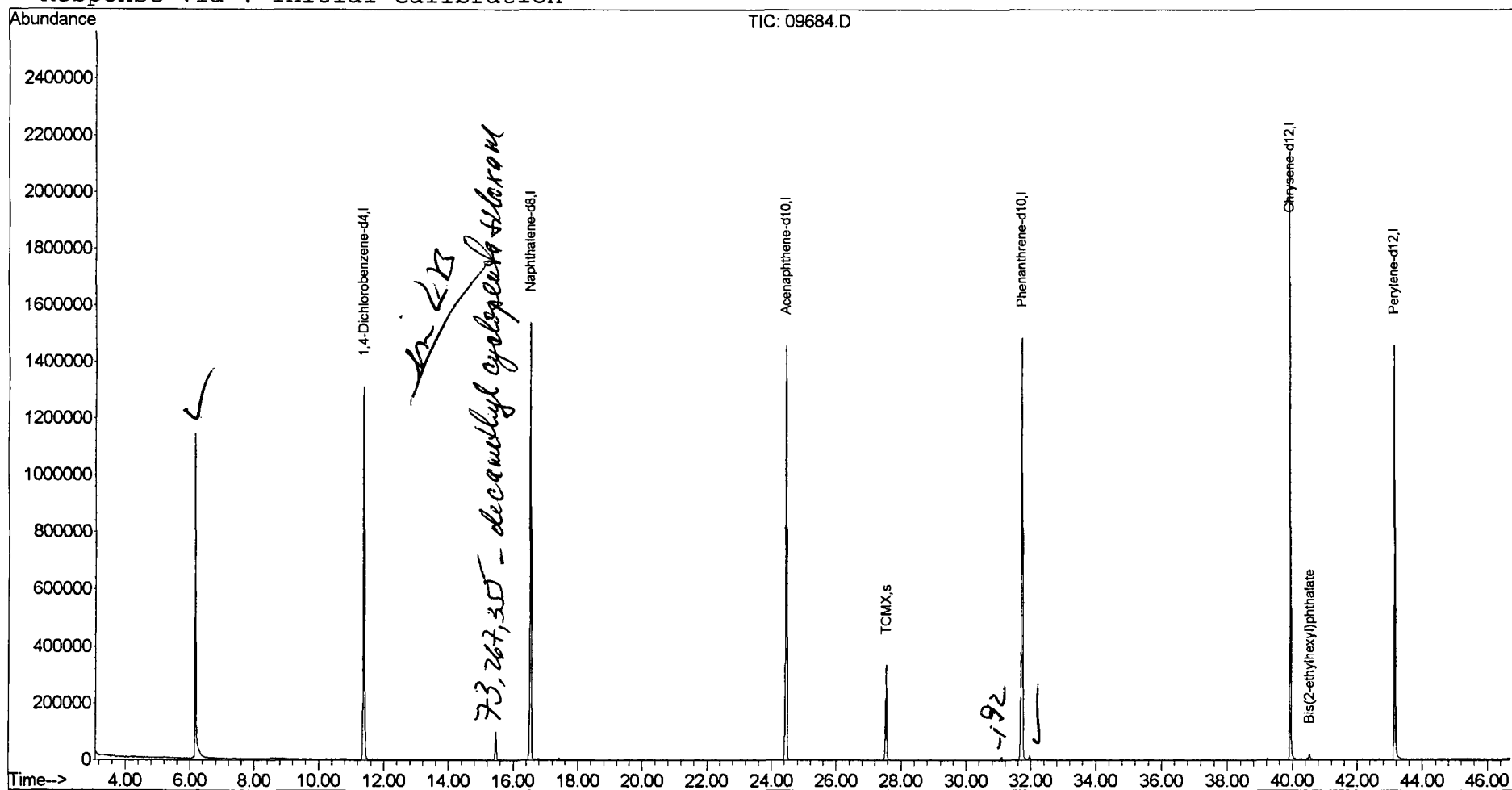
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020507\09684.D
Acq On : 7 May 2002 9:01 pm
Sample : sample
Misc :
MS Integration Params: lscint.e
Quant Time: May 9 9:25 2002

Vial: 10
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



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020507\09684.D
 Acq On : 7 May 2002 9:01 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

Vial: 10
 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

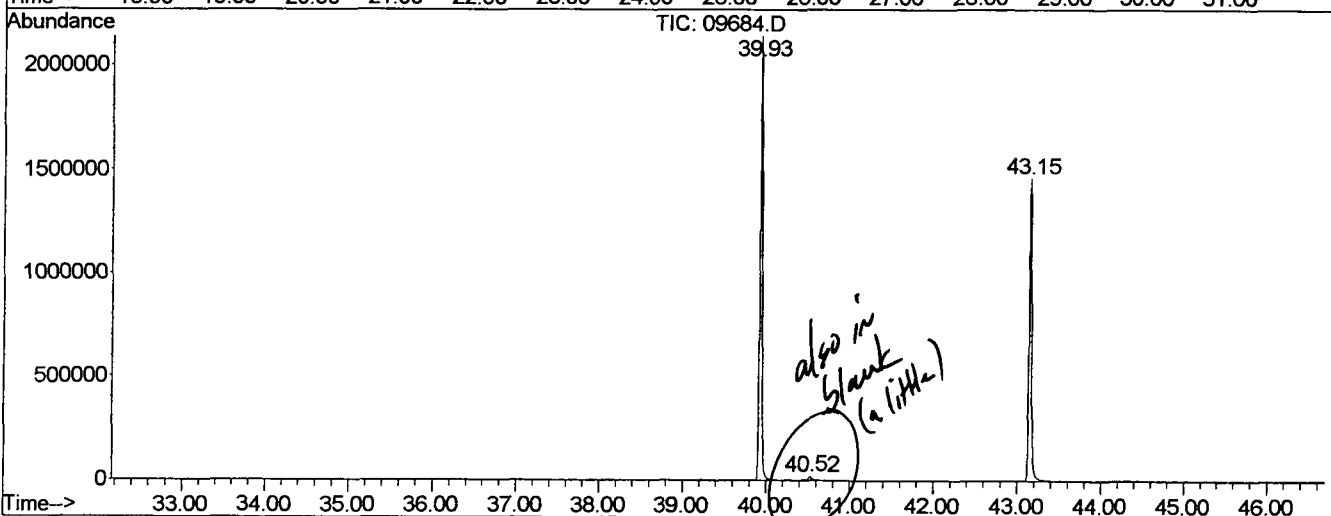
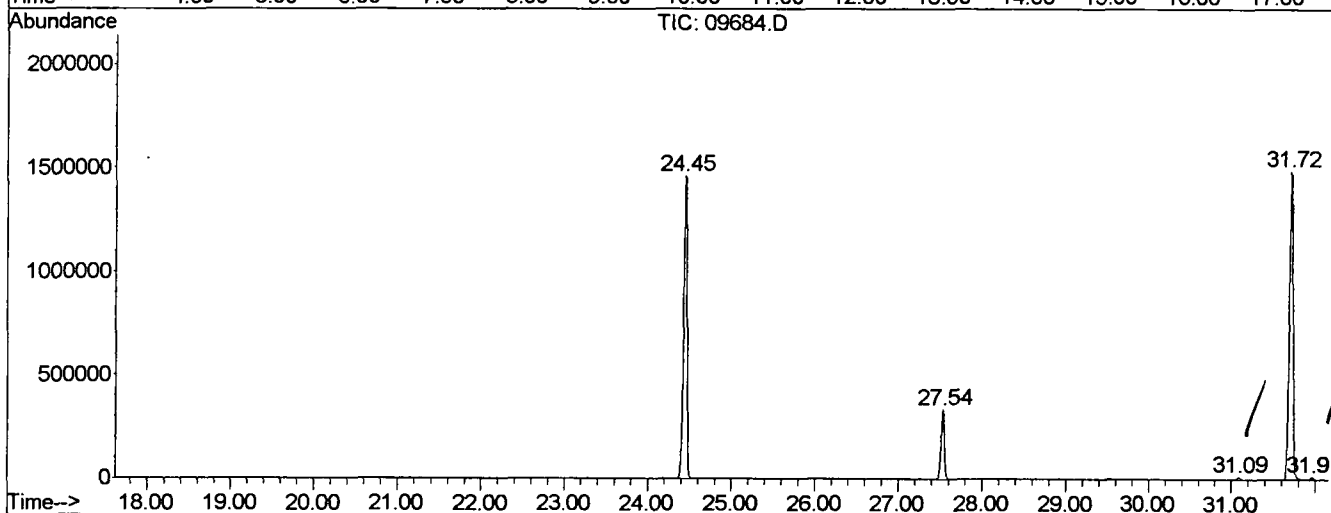
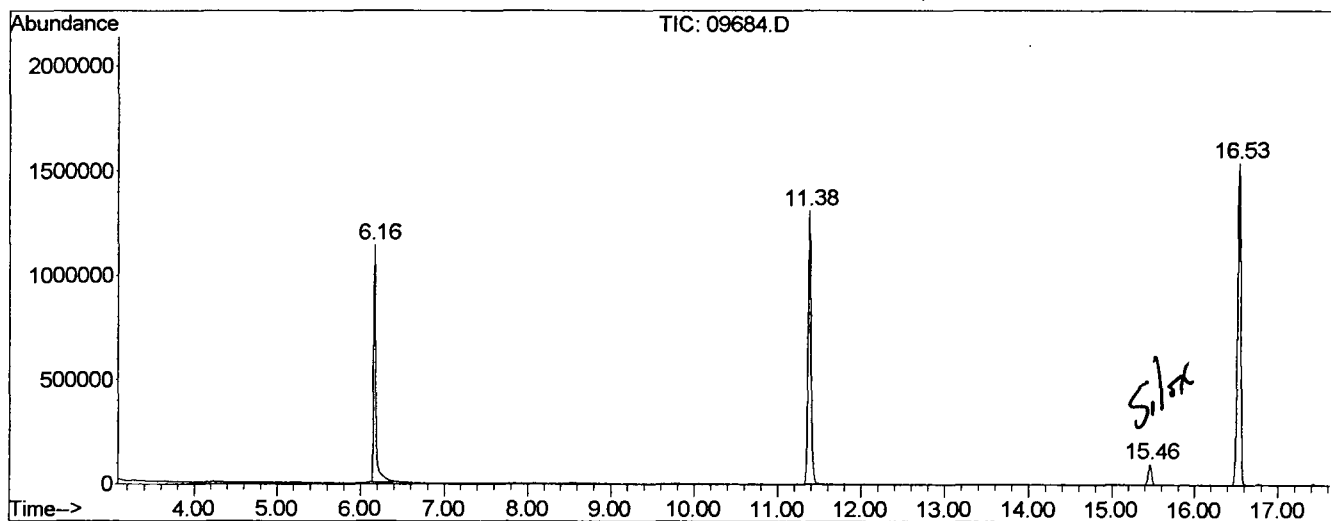
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.164	519	525	566	rBV	1137472	2205171	48.32%	8.225%
2	11.376	1401	1412	1437	rBV	1310235	3272128	71.71%	12.204%
3	15.459	2096	2107	2120	rVB	99565	275033	6.03%	1.026%
4	16.534	2274	2290	2308	rBV	1539358	4121504	90.32%	15.372%
5	24.455	3622	3638	3658	rBV2	1460654	4241862	92.96%	15.821%
6	27.539	4145	4163	4176	rBV3	334973	905547	19.84%	3.377%
7	31.088	4752	4767	4777	rVB4	12475	41357	0.91%	0.154%
8	31.717	4857	4874	4899	rBV2	1484603	4563282	100.00%	17.020%
9	31.964	4906	4916	4927	rVB3	13136	40632	0.89%	0.152%
10	39.931	6261	6272	6291	rBV2	2138968	4041088	88.56%	15.072%
11	40.524	6365	6373	6385	rVB6	17588	53505	1.17%	0.200%
12	43.151	6807	6820	6844	rBV2	1459030	3050690	66.85%	11.378%

Sum of corrected areas: 26811799

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020507\09684.D
Operator : Nefliu
Acquired : 7 May 2002 9:01 pm using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 10
Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020507\09684.D
Acq On : 7 May 2002 9:01 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

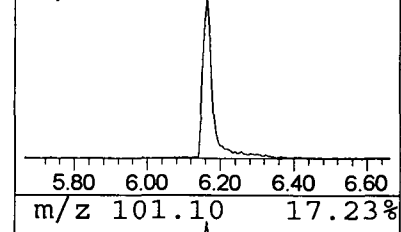
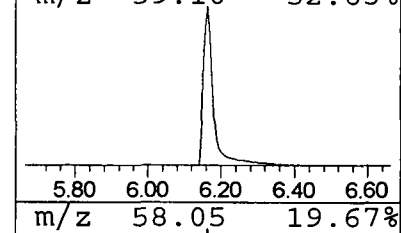
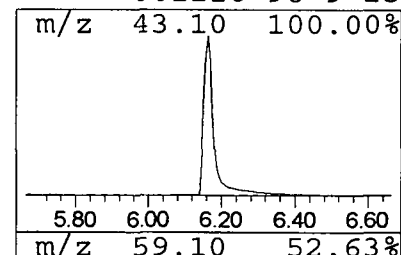
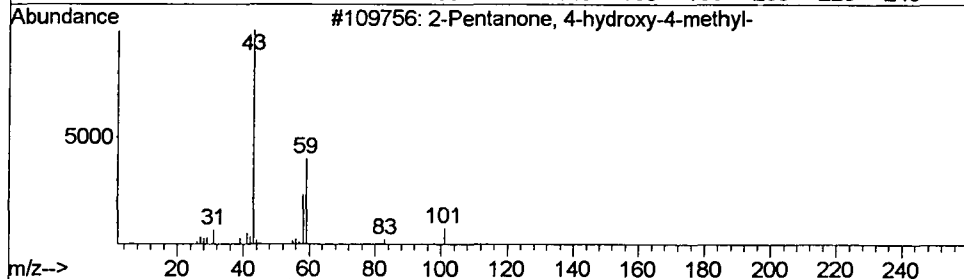
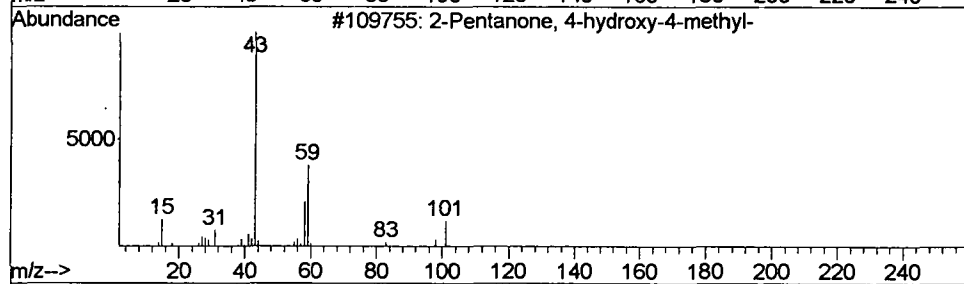
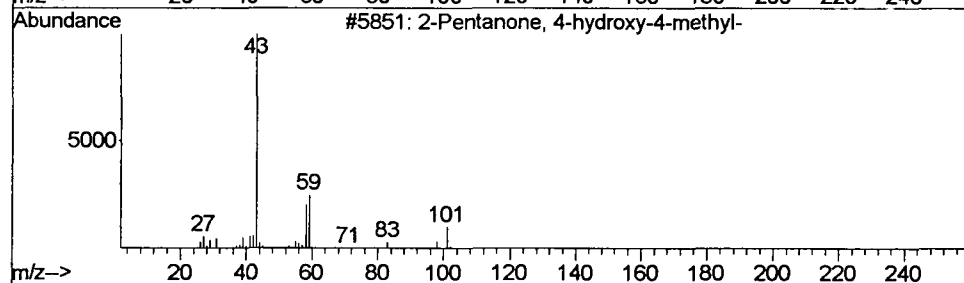
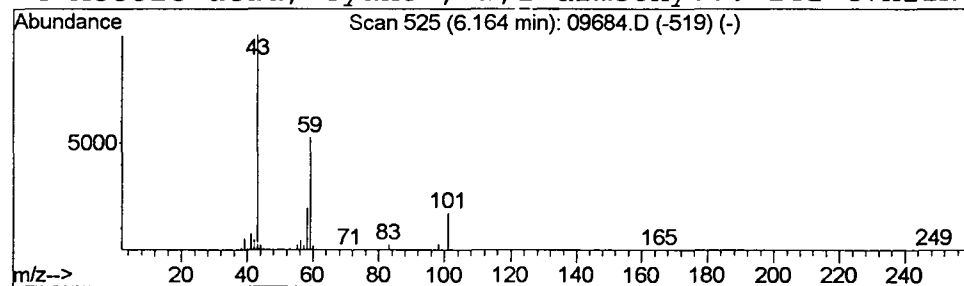
Vial: 10
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	26.96 ug/l	2205170	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	53		
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	40		
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23		



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020507\09684.D
Acq On : 7 May 2002 9:01 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

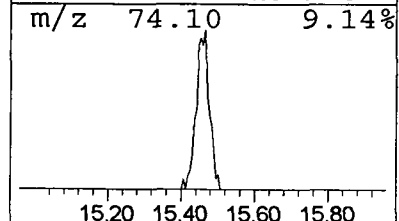
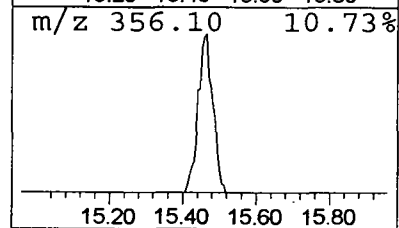
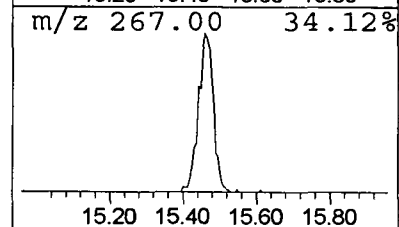
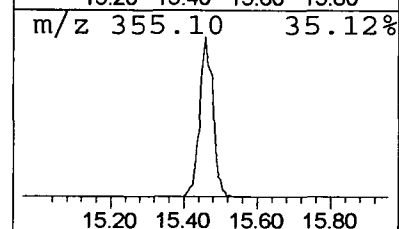
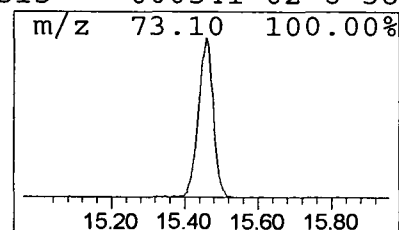
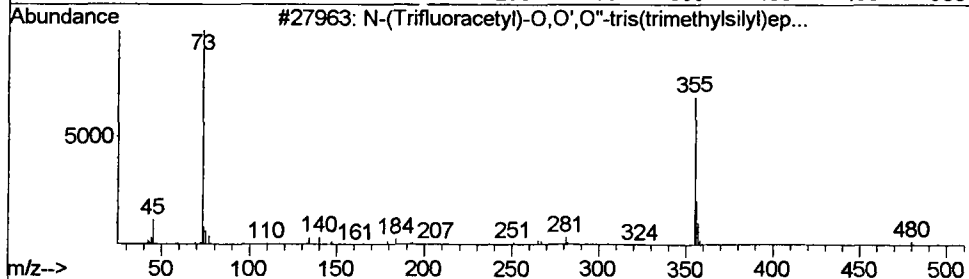
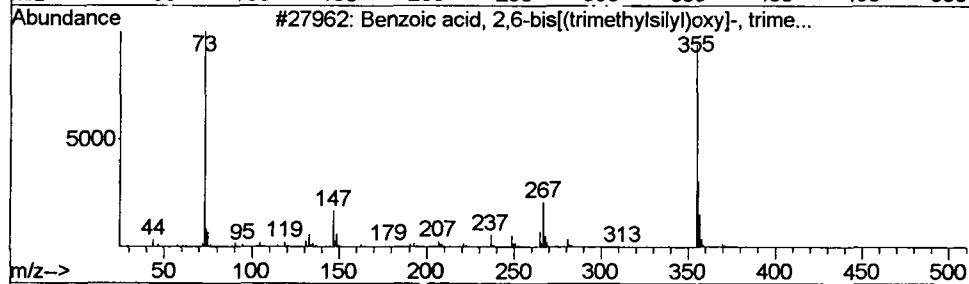
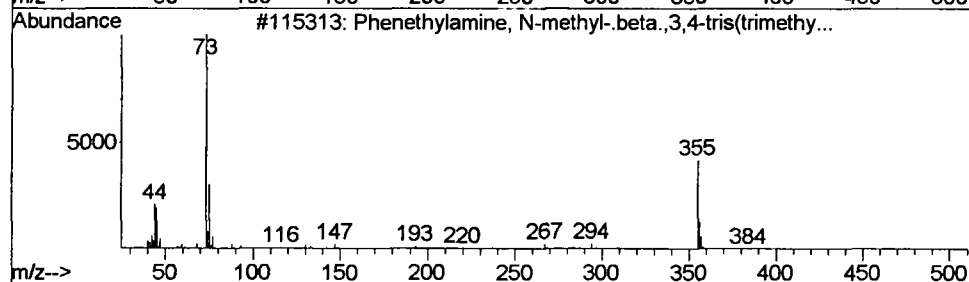
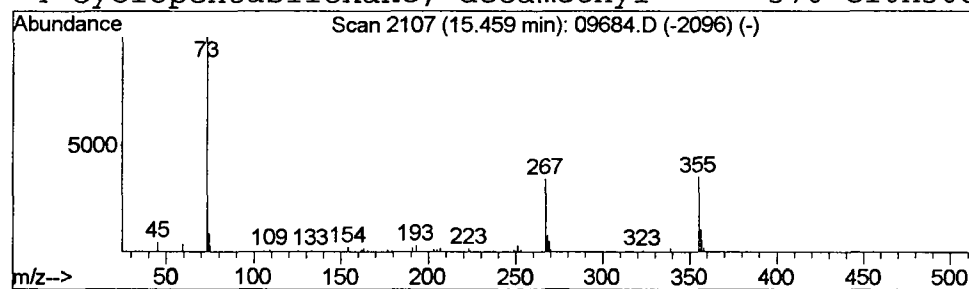
Vial: 10
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 2 Phenethylamine, N-methyl-.b... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	2.67 ug/l	275033	Naphthalene-d8	16.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	40
2			Benzoic acid, 2,6-bis[(trimethyl...	370	C16H30O4Si3	003782-85-2	40
3			N-(Trifluoroacetyl)-O,O',O''-tris...	495	C20H36F3NO4Si3	054135-51-2	40
4			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	38



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020507\09684.D
Acq On : 7 May 2002 9:01 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

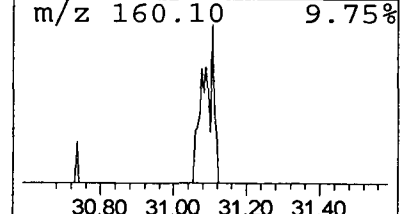
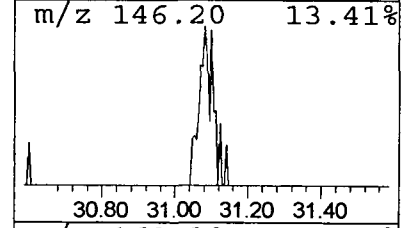
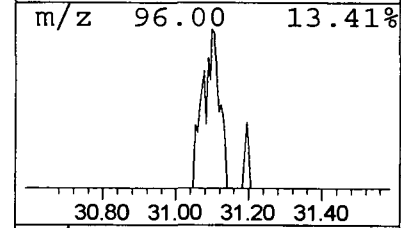
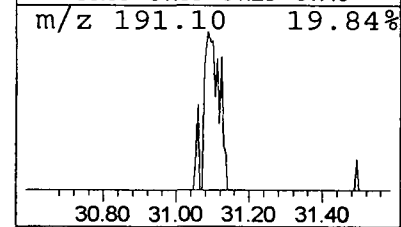
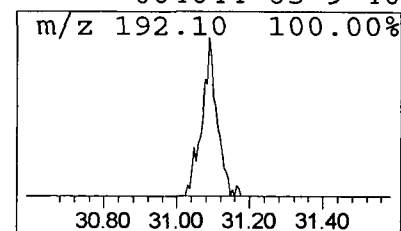
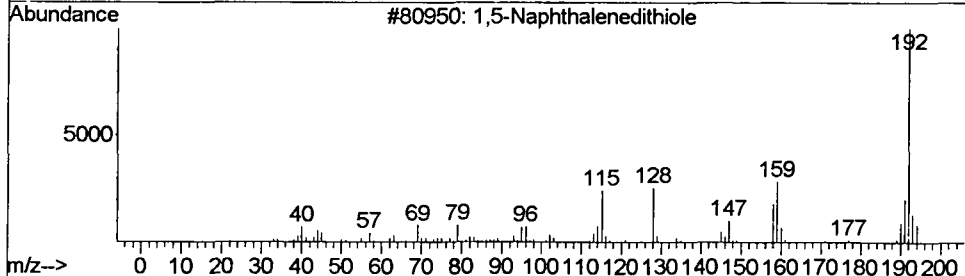
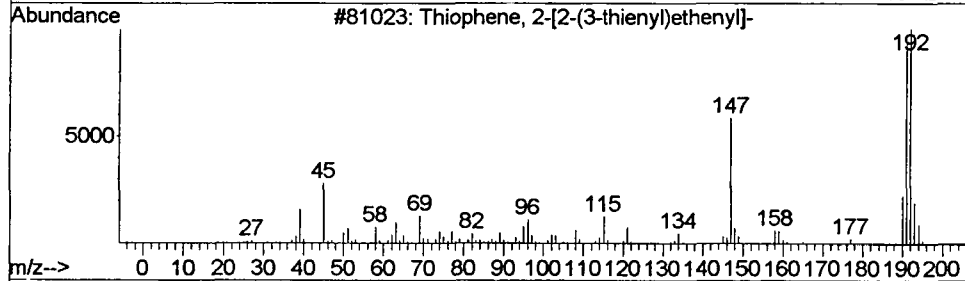
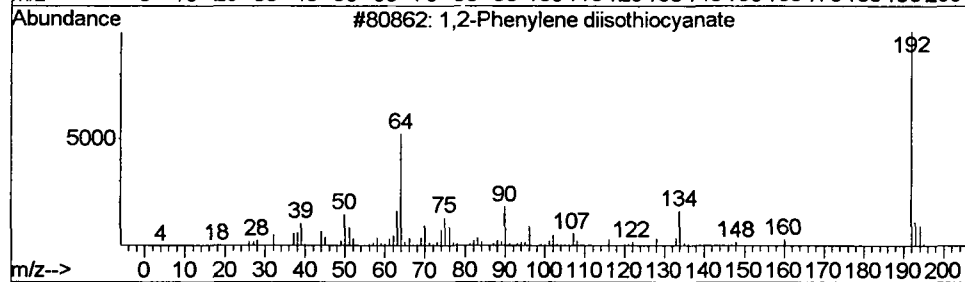
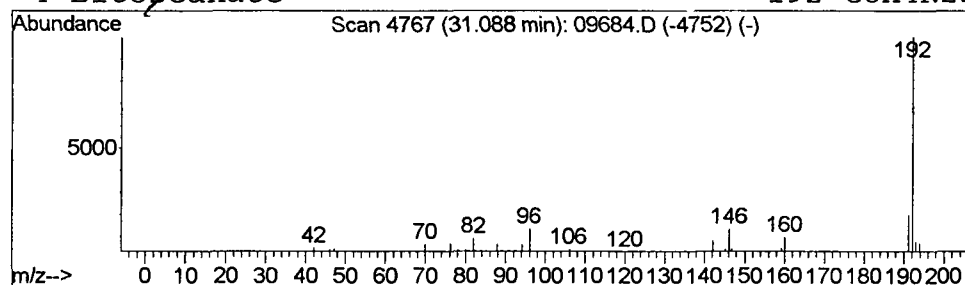
Vial: 10
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 3 1,2-Phenylene diisothiocyanate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.36 ug/l	41357	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Phenylene diisothiocyanate	192	C8H4N2S2	071105-17-4	52
2			Thiophene, 2-[2-(3-thienyl)ethen...	192	C10H8S2	116854-09-2	47
3			1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	45
4			Bitoscanate	192	C8H4N2S2	004044-65-9	40



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020507\09684.D
Acq On : 7 May 2002 9:01 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

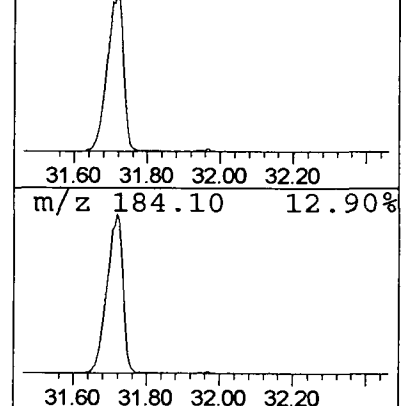
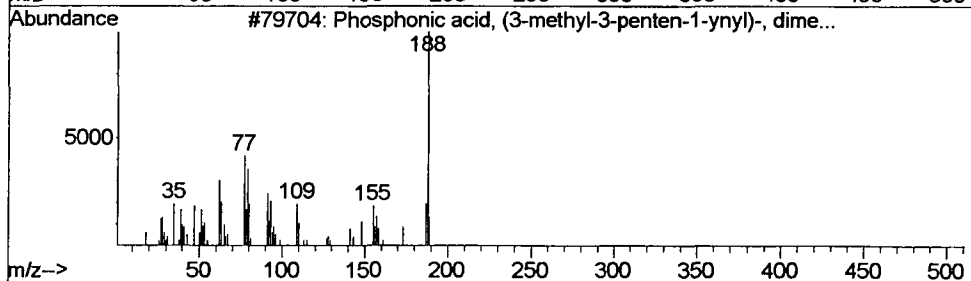
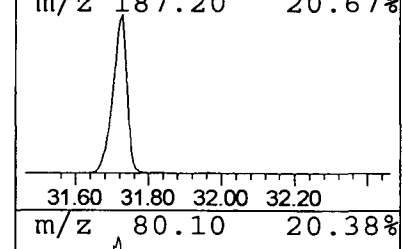
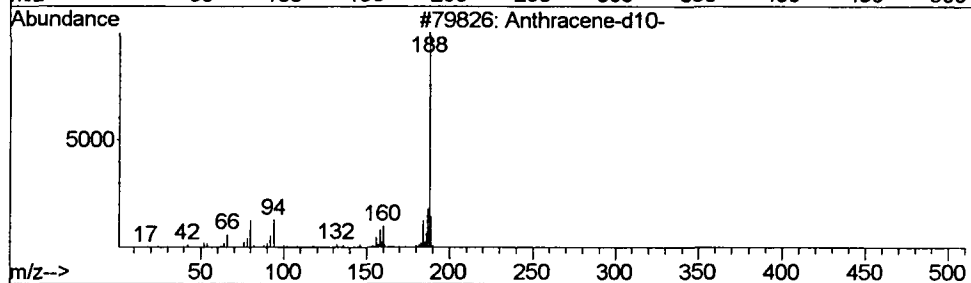
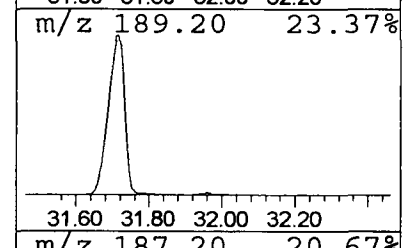
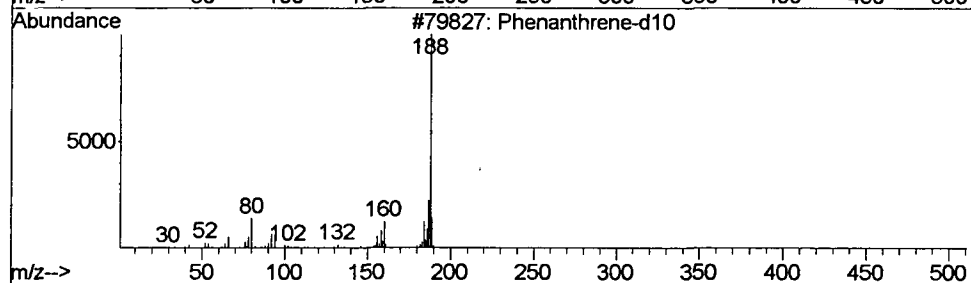
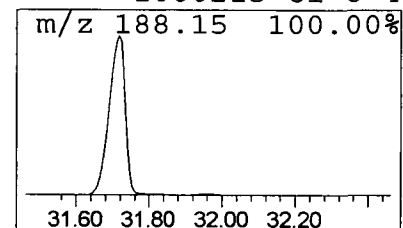
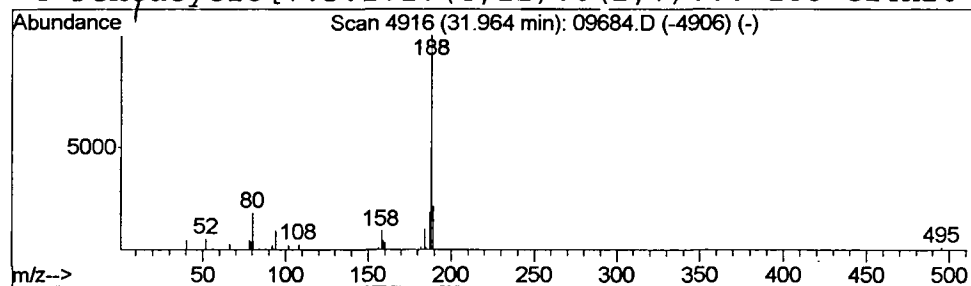
Vial: 10
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 4 Phenanthrene-d10 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.36 ug/l	40632	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1			Phenanthrene-d10	188	C14D10	001517-22-2	87
2			Anthracene-d10-	188	C14D10	001719-06-8	81
3			Phosphonic acid, (3-methyl-3-pen...	188	C8H13O3P	022152-34-7	53
4			Pentacyclo[7.3.1.1.(4,12).0(2,7)...]	188	C14H20	1000215-61-8	49



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 7 May 2002 9:01 pm
Data File: C:\MSDCHEM\1\DATA\020507\09684.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE 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
✓ 2-Pentanone, 4-hy...	6.16	27.0	ug/l	2205170	1	11.38	3272130	40.0
Phenethylamine, N...	15.46	2.7	ug/l	275033	2	16.53	4121500	40.0
✓ 1,2-Phenylene dii...	31.09	0.4	ug/l	41357	4	31.72	4563280	40.0
✓ Phenanthrene-d10	31.96	0.4	ug/l	40632	4	31.72	4563280	40.0