

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/28/2002 Time: 11:42:46

Sample: AE11283
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/28/02 11:41 Ended: 5/28/02 11:41 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		91		10.0

Comments for Sample AE11283 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-28-2002 Time: 11:42:40

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\020516\11283.D
 Acq On : 16 May 2002 7:15 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 17 13:01:57 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 16 14:49:15 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	296037	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1111403	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.45	164	593369	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.71	188	1008620	40.00	ug/l	-0.03
38) Chrysene-d12	39.93	240	793634	40.00	ug/l	-0.05
44) Perylene-d12	43.14	264	488637	40.00	ug/l	-0.04

System Monitoring Compounds

27) TCMX	27.55	207	171853	36.26	ug/l	-0.02
Spiked Amount	40.000		Recovery	=	90.65%	

Target Compounds

43) Bis(2-ethylhexyl)phthalate	40.52	149	29421	1.73	ug/l	Qvalue 94
--------------------------------	-------	-----	-------	------	------	--------------

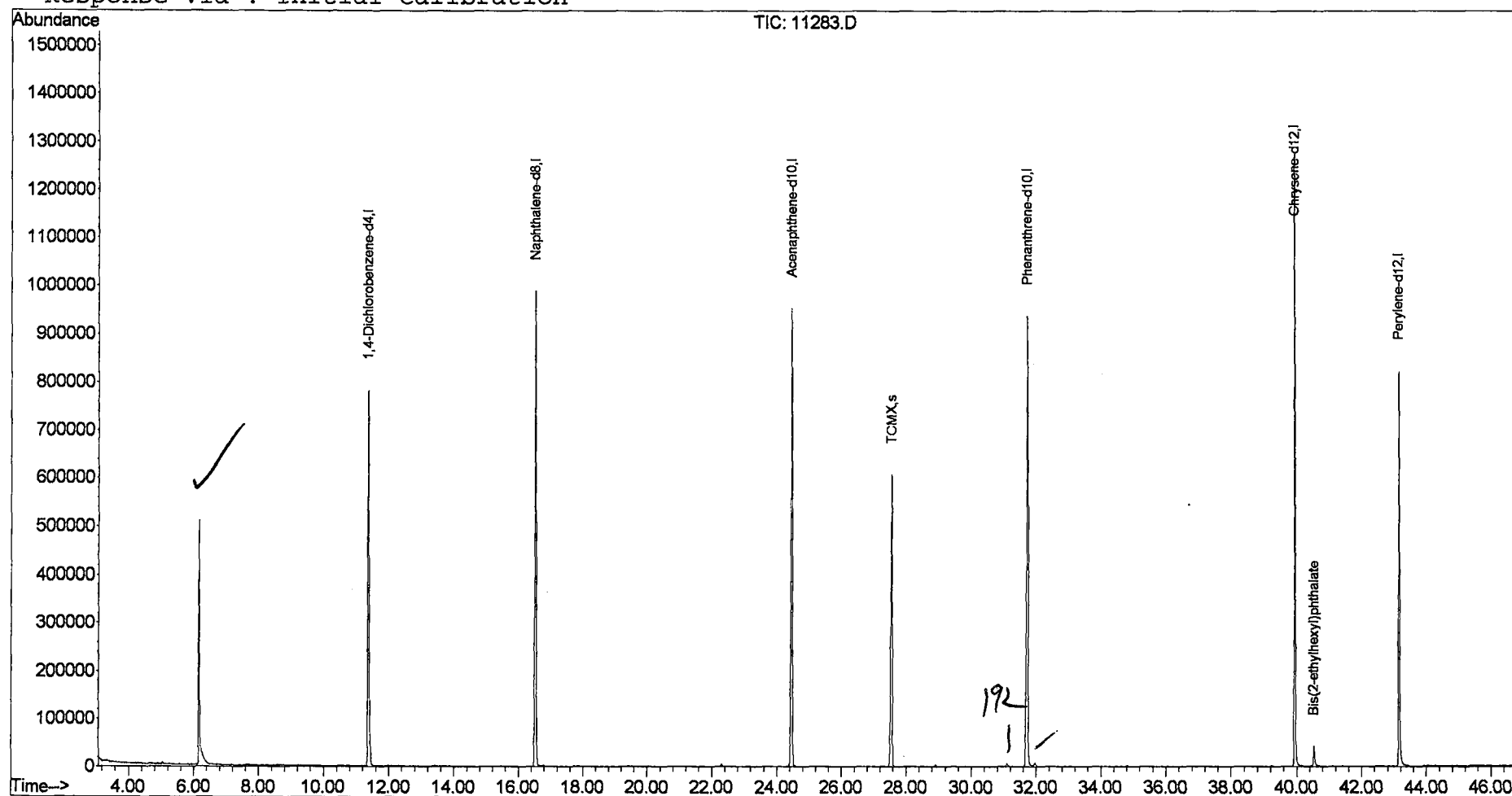
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020516\11283.D
 Acq On : 16 May 2002 7:15 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 17 13:03 2002

Vial: 11
 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 16 14:49:15 2002
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020516\11283.D
 Acq On : 16 May 2002 7:15 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

Vial: 11
 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: 0.5 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

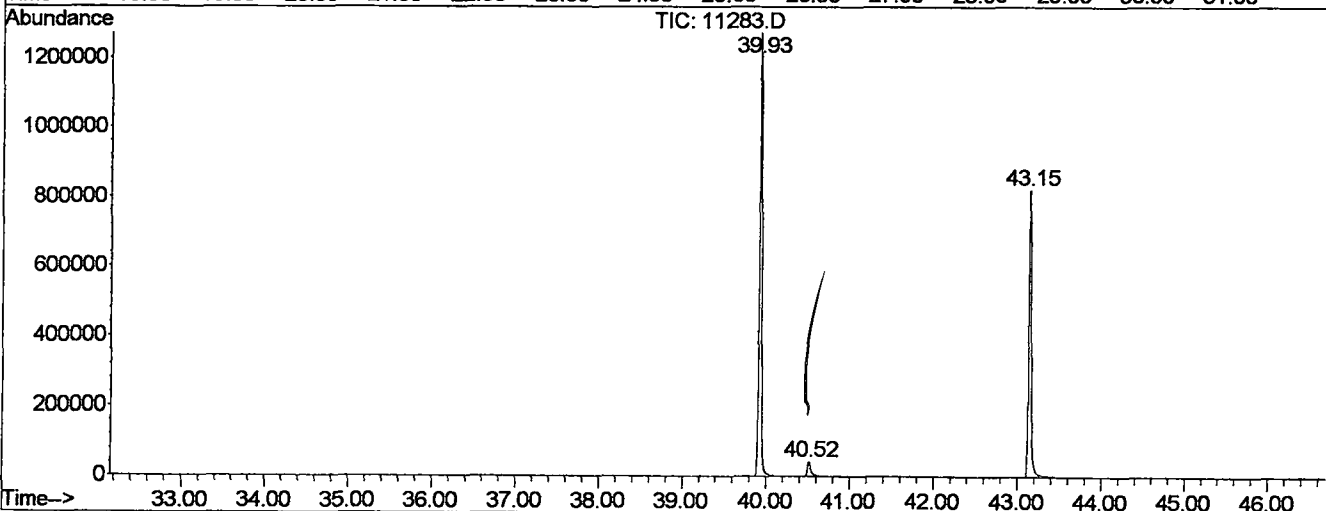
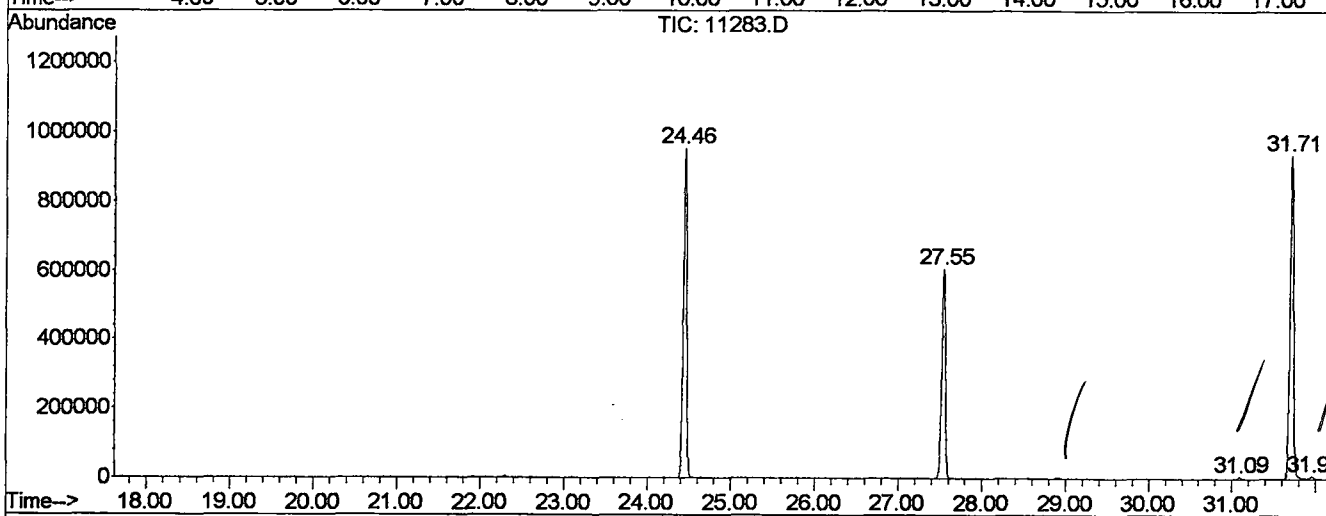
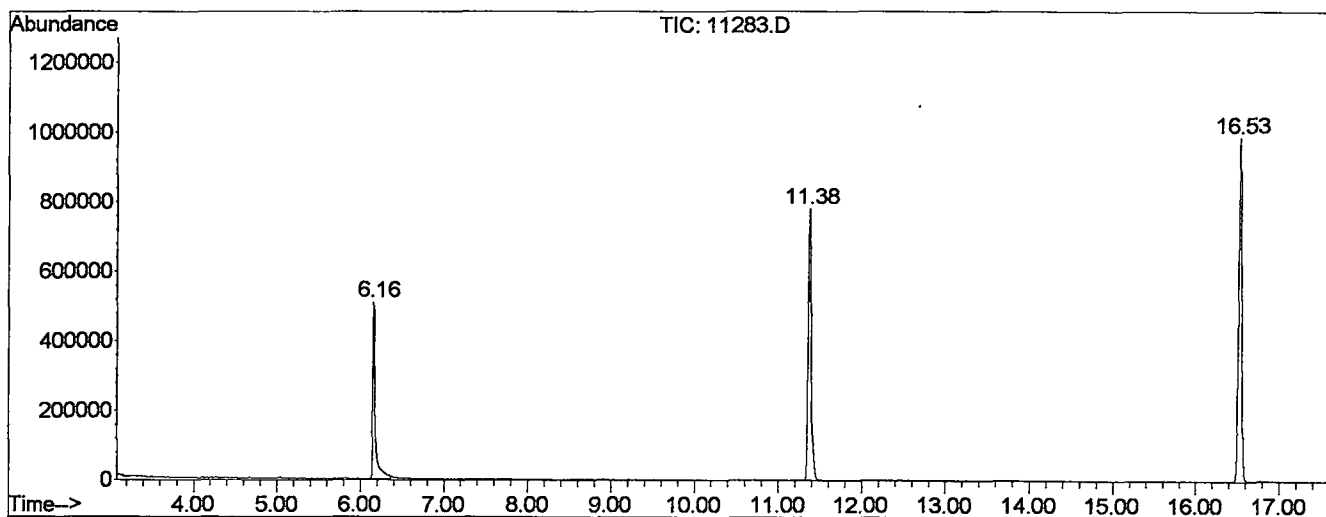
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.158	515	524	559	rBV	509221	1081658	38.04%	6.284%
2	11.376	1400	1412	1435	rBV	780117	2038528	71.70%	11.843%
3	16.534	2275	2290	2307	rBV	989068	2551307	89.73%	14.822%
4	24.460	3623	3639	3651	rBV2	953623	2662615	93.65%	15.468%
5	27.551	4143	4165	4182	rBV3	607772	1758228	61.84%	10.214%
6	31.088	4759	4767	4777	rBV3	6549	15757	0.55%	0.092%
7	31.711	4855	4873	4897	rBV2	937277	2843238	100.00%	16.518%
8	31.958	4906	4915	4927	rVB4	7671	23641	0.83%	0.137%
9	39.931	6257	6272	6296	rBV	1273120	2414921	84.94%	14.029%
10	40.518	6364	6372	6391	rBV4	41234	118994	4.19%	0.691%
11	43.151	6809	6820	6838	rBV2	821976	1704407	59.95%	9.902%

Sum of corrected areas: 17213294

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020516\11283.D
Operator : Nefliu
Acquired : 16 May 2002 7:15 pm using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 11
Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\11283.D

Acq On : 16 May 2002 7:15 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)

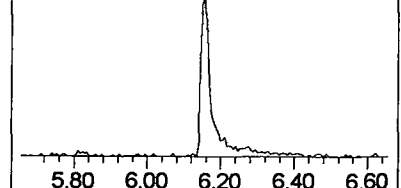
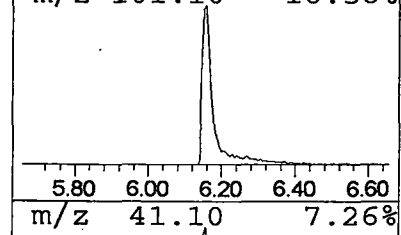
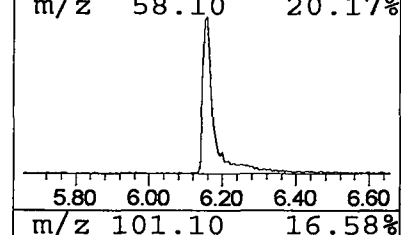
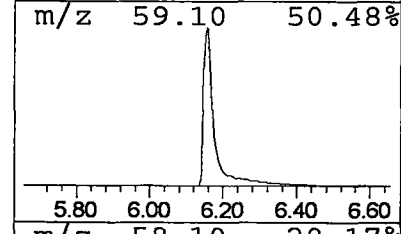
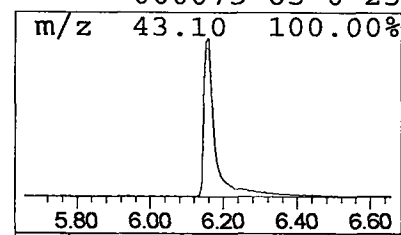
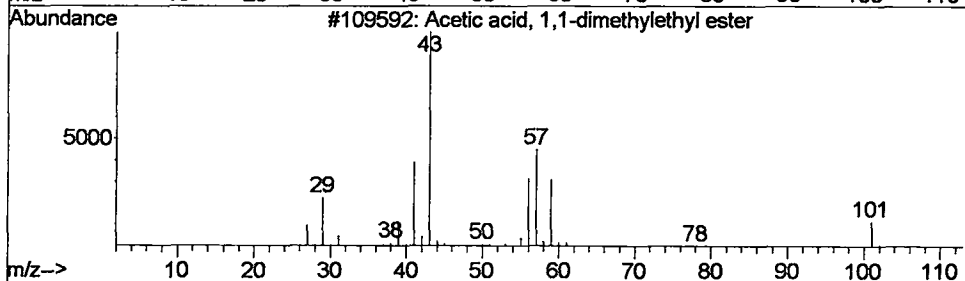
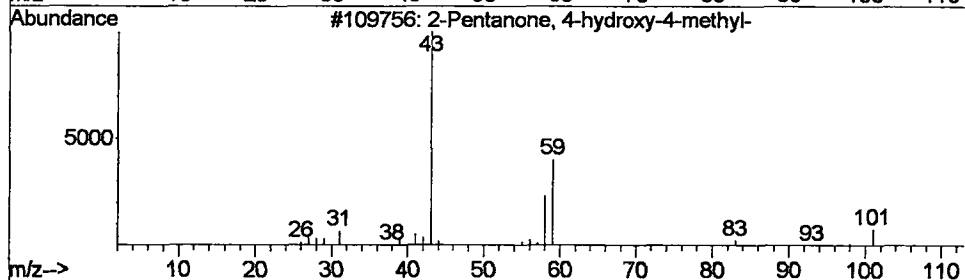
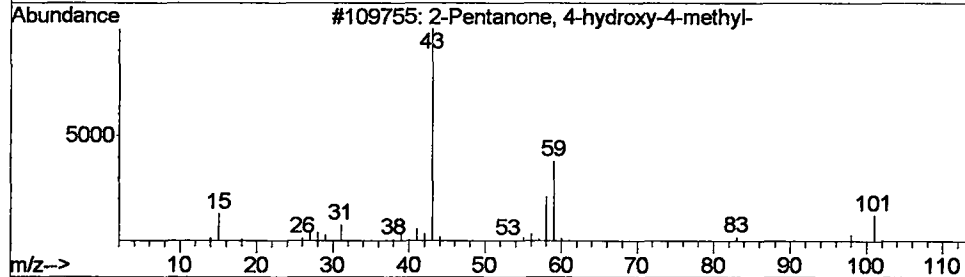
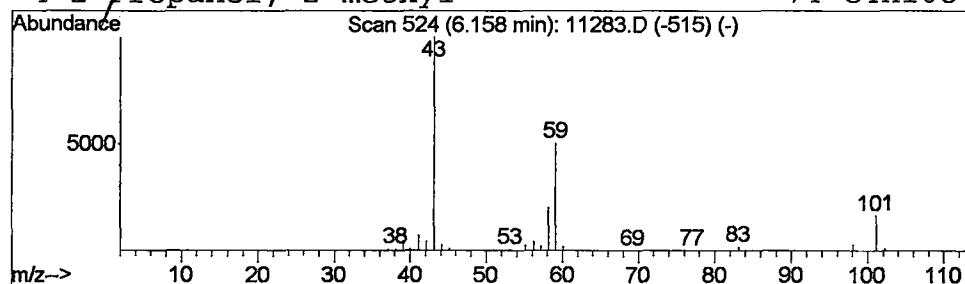
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	21.22 ug/l	1081660	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	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25		
4	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	23		



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\11283.D

Acq On : 16 May 2002 7:15 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)

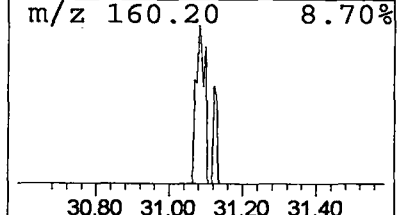
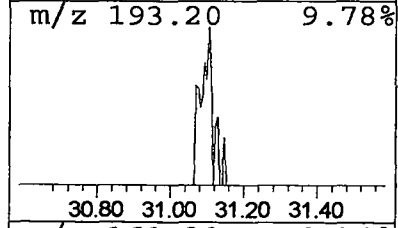
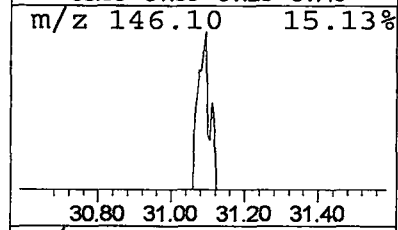
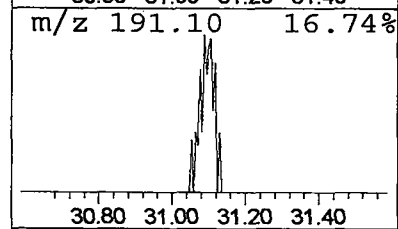
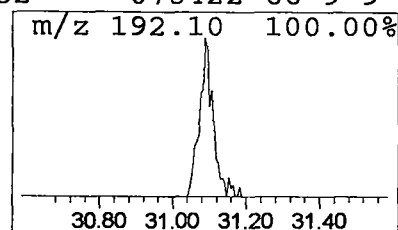
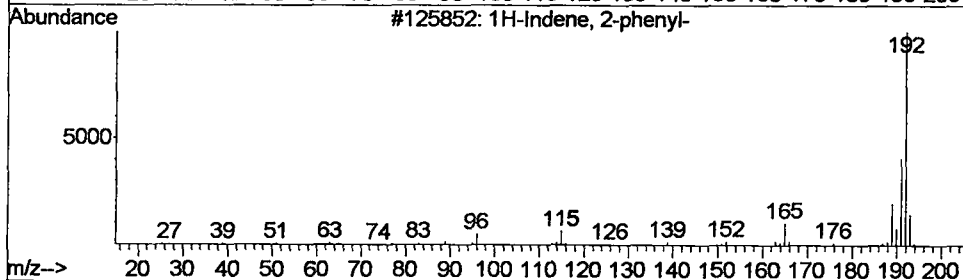
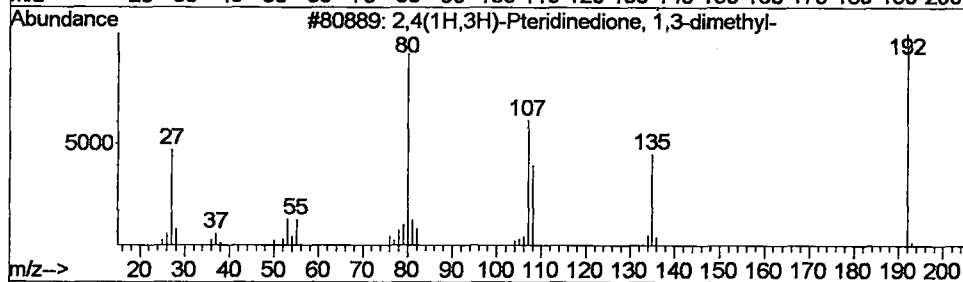
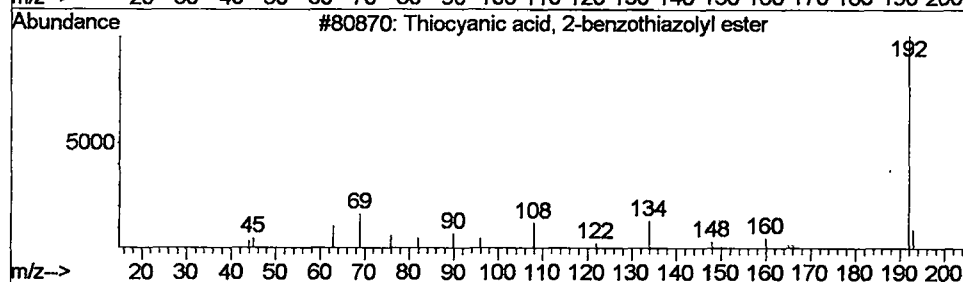
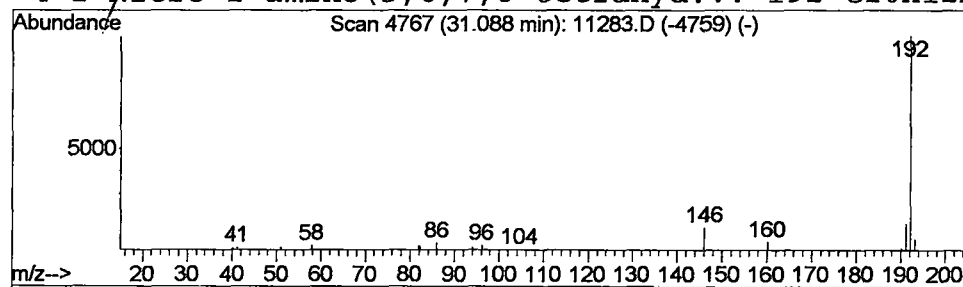
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

Peak Number 2 Thiocyanic acid, 2-benzothi... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.22 ug/l	15757	Phenanthrene-d10	31.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	42
2			2,4(1H,3H)-Pteridinedione, 1,3-d...	192	C8H8N4O2	013401-18-8	40
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	36
4			2-Nitro-1-amino(5,6,7,8-tetrahyd...	192	C10H12N2O2	078422-66-9	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\11283.D
Acq On : 16 May 2002 7:15 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

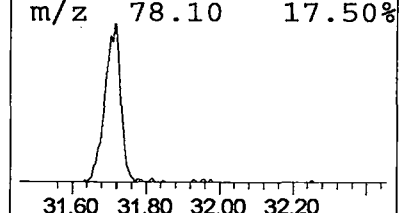
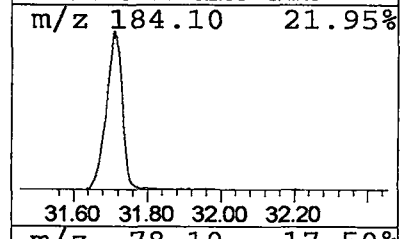
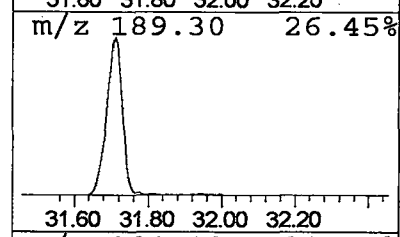
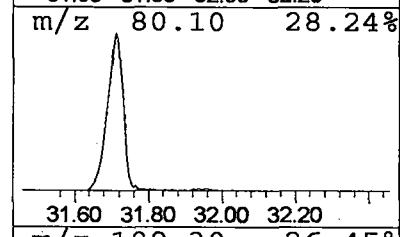
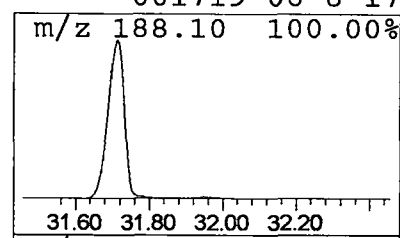
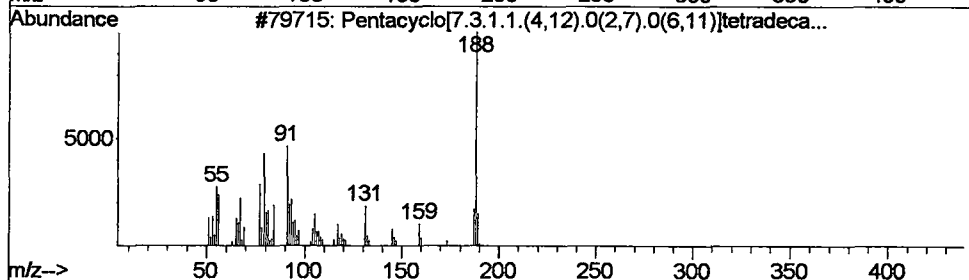
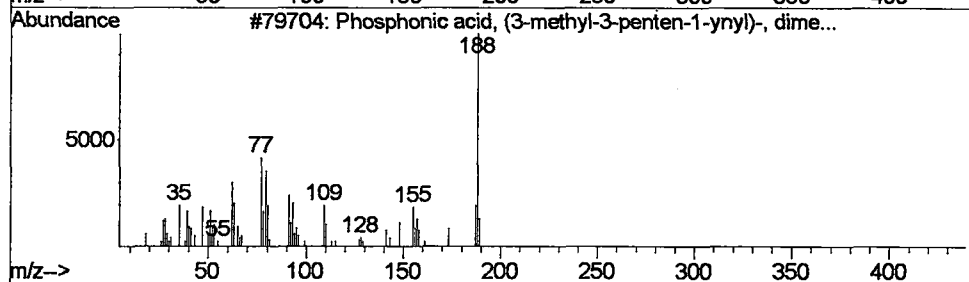
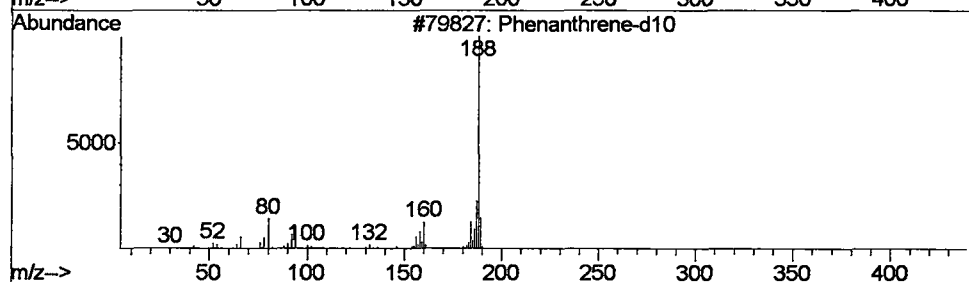
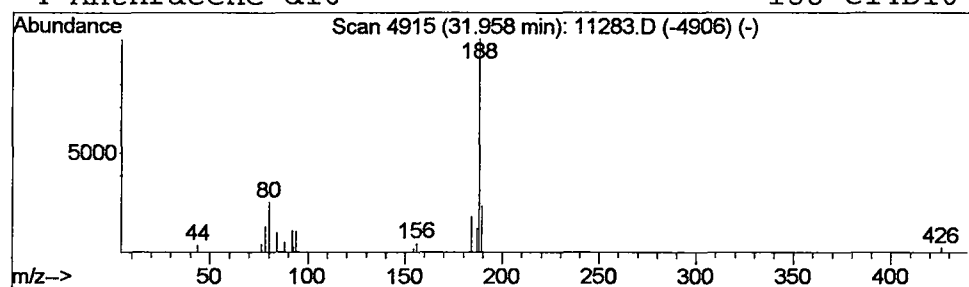
Vial: 11
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 3 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.33 ug/l	23641	Phenanthrene-d10	31.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene-d10	188	C14D10	001517-22-2	59
2			Phosphonic acid, (3-methyl-3-pen...	188	C8H13O3P	022152-34-7	53
3			Pentacyclo[7.3.1.1.(4,12).0(2,7)...]	188	C14H20	1000215-61-8	38
4			Anthracene-d10-	188	C14D10	001719-06-8	17



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 16 May 2002 7:15 pm
 Data File: C:\MSDCHEM\1\DATA\020516\11283.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-Pentanone, 4-hy...	6.16	21.2	ug/l	1081660	1	11.38	2038530	40.0
Thiocyanic acid, ...	31.09	0.2	ug/l	15757	4	31.71	2843240	40.0
Phenanthrene-d10	31.96	0.3	ug/l	23641	4	31.71	2843240	40.0
<i>Anthracene-d10</i>								