

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/07/2002 Time: 10:20:50

Sample: AE08483
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/7/02 10:20 Ended: 5/7/02 10:20 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		74		10.0

Comments for Sample AE08483 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-07-2002 Time: 10:21:16

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\020419\08483.D
 Acq On : 20 Apr 2002 2:50 am
 Sample : sample
 Misc :
 MS Integration Params: EVENTS.E
 Quant Time: Apr 26 15:12:27 2002

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

Quant Results File: SCAN020418.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
 Title : Method 508 GC/MS Scan
 Last Update : Mon Apr 22 08:00:39 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	10805953	40.00	ug/l	-0.05
10) Naphthalene-d8	16.54	136	41377172	40.00	ug/l	-0.07
17) Acenaphthene-d10	24.46	164	22702540	40.00	ug/l	-0.06
30) Phenanthrene-d10	31.72	188	34202412	40.00	ug/l	-0.06
38) Chrysene-d12	39.93	240	26648460	40.00	ug/l	-0.08
44) Perylene-d12	43.15	264	19168850	40.00	ug/l	-0.04

System Monitoring Compounds

27) TCMX	27.54	207	1039165	7.37	ug/l	-0.07
Spiked Amount	10.000		Recovery	=	73.70%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
35) Di-n-butylphthalate	34.80	149	132715	0.11	ug/l	97
43) Bis(2-ethylhexyl)phthalate	40.53	149	126457	0.19	ug/l	97

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 08483.D SCAN020418.M Fri Apr 26 15:14:56 2002 Page 1

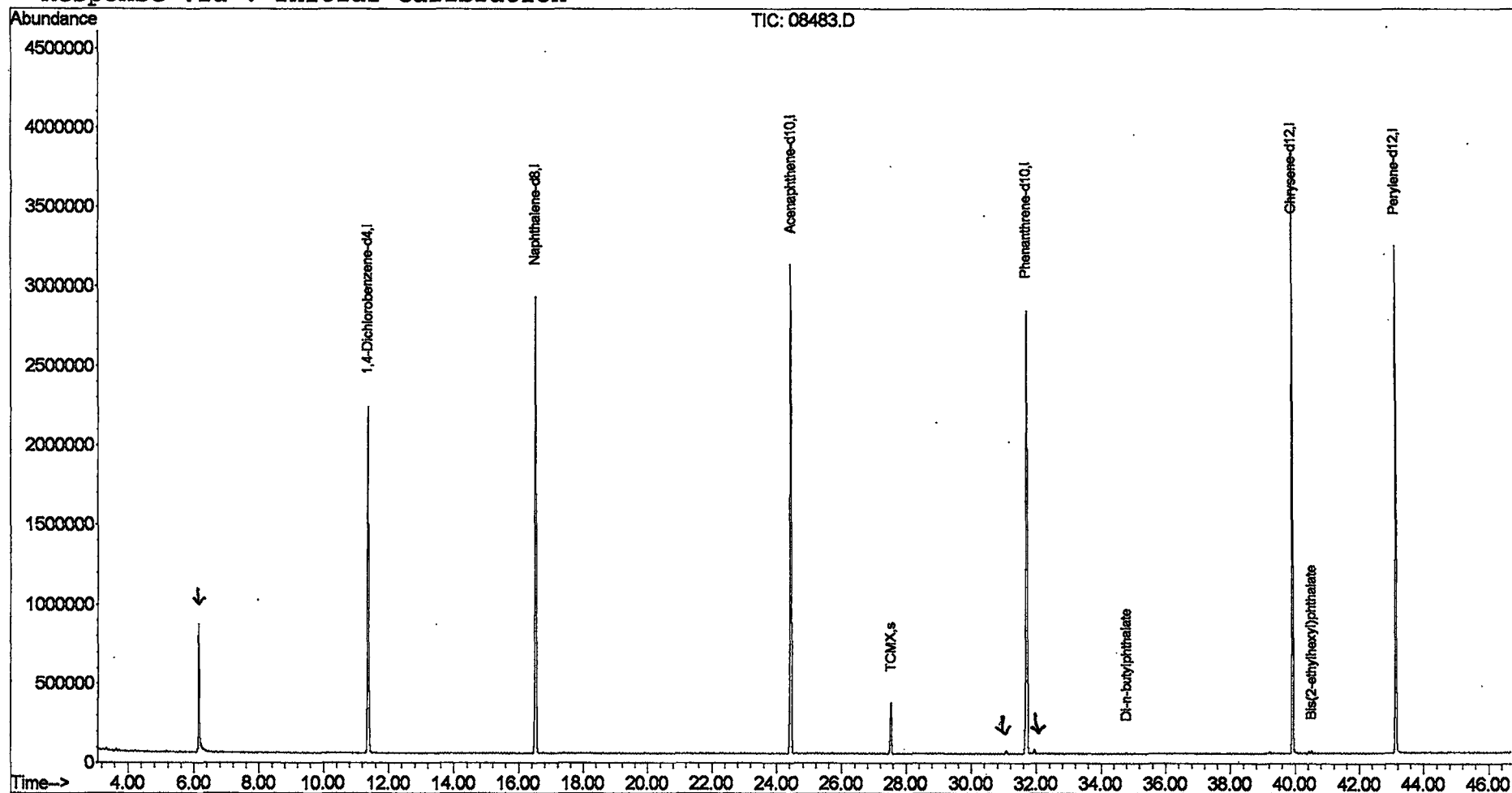
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020419\08483.D
Acq On : 20 Apr 2002 2:50 am
Sample : sample
Misc :
MS Integration Params: EVENTS.E
Quant Time: Apr 26 15:14 2002

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

Quant Results File: SCAN020418.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Mon Apr 22 08:00:39 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020419\08483.D
 Acq On : 20 Apr 2002 2:50 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

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

Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0.01
 Filtering: 5
 Min Area: 5 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

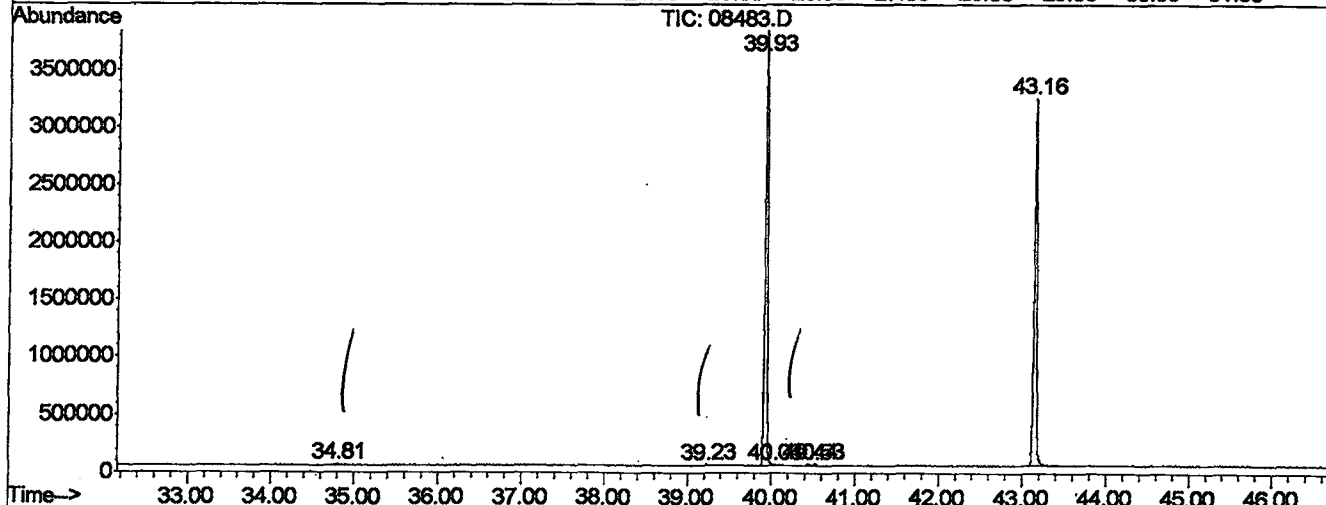
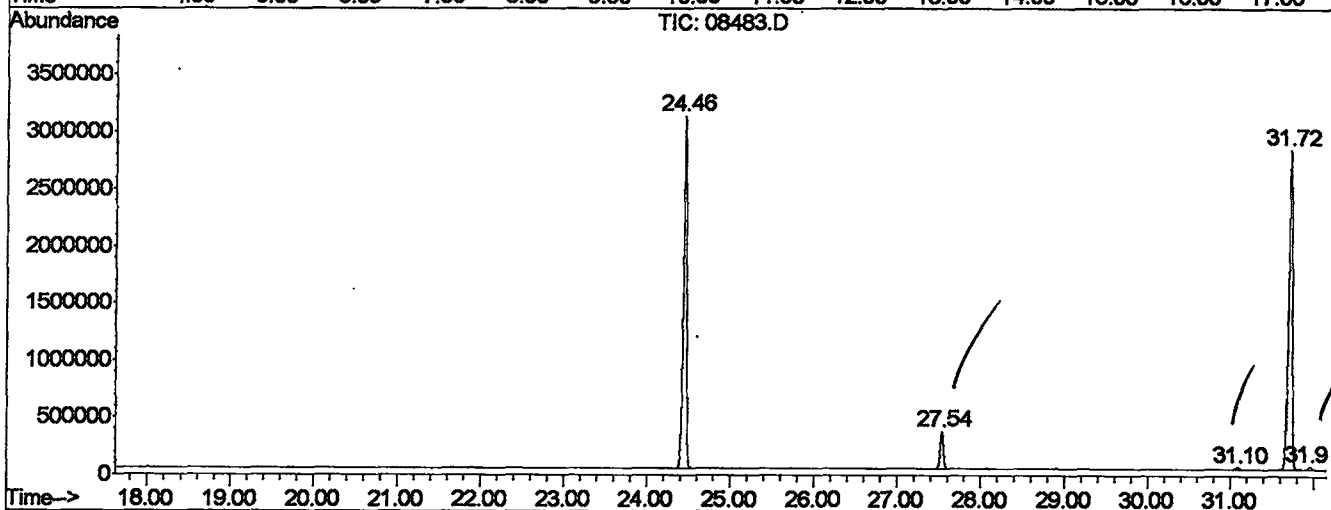
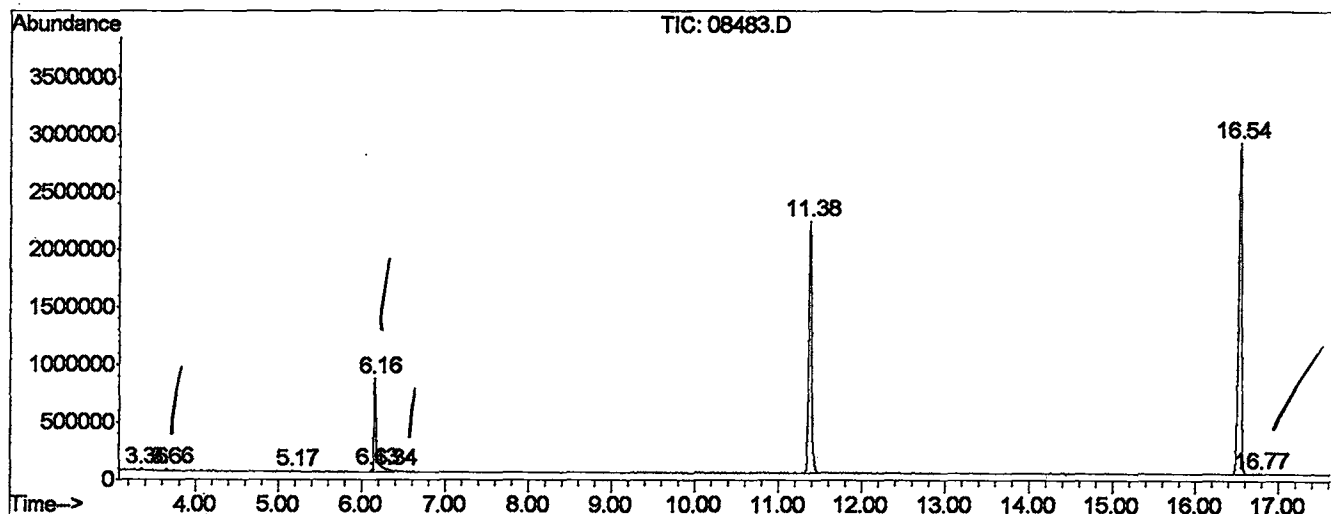
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.355	43	47	53	PV	12720	148464	0.17%	0.031%
2	3.655	91	98	107	PV	16929	266454	0.31%	0.056%
3	5.171	353	356	362	VV	7839	120266	0.14%	0.025%
4	6.128	512	519	520	PV	26998	362359	0.42%	0.076%
5	6.158	520	524	554	VV	798426	16220868	19.01%	3.420%
6	6.340	554	555	562	VV	16623	354282	0.42%	0.075%
7	11.375	1399	1412	1431	PV	2152238	54061377	63.36%	11.398%
8	16.534	2275	2290	2306	PV	2852364	75108403	88.03%	15.836%
9	16.769	2323	2330	2337	VV	8463	203789	0.24%	0.043%
10	24.460	3618	3639	3655	BV	3047776	85322485	100.00%	17.989%
11	27.539	4146	4163	4187	PV	323679	9025070	10.58%	1.903%
12	31.094	4755	4768	4780	PV	20974	755726	0.89%	0.159%
13	31.722	4856	4875	4889	VV	2780189	85131535	99.78%	17.949%
14	31.952	4901	4914	4922	VV	26614	732285	0.86%	0.154%
15	34.807	5395	5400	5406	VV	10846	212978	0.25%	0.045%
16	39.225	6143	6152	6158	PV	10969	245782	0.29%	0.052%
17	39.936	6258	6273	6287	VV	3759935	78044040	91.47%	16.455%
18	40.025	6287	6288	6304	VV	9118	344631	0.40%	0.073%
19	40.436	6352	6358	6365	PV	15660	348692	0.41%	0.074%
20	40.530	6365	6374	6382	VV	15332	421371	0.49%	0.089%
21	43.156	6809	6821	6841	PV	3224451	66864948	78.37%	14.098%

Sum of corrected areas: 474295805

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020419\08483.D
 Operator : Nefliu
 Acquired : 20 Apr 2002 2:50 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 20
 Quant File :SCAN020418.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08483.D
 Acq On : 20 Apr 2002 2:50 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

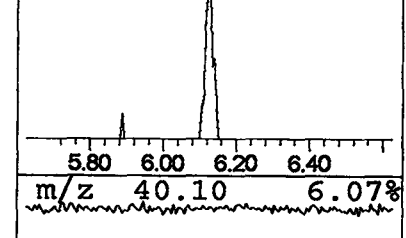
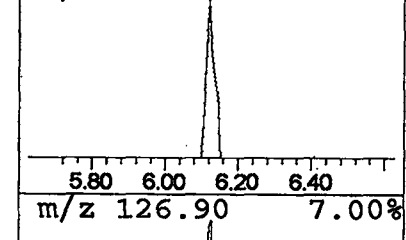
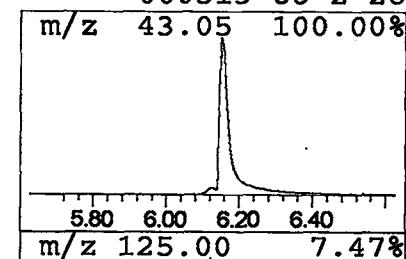
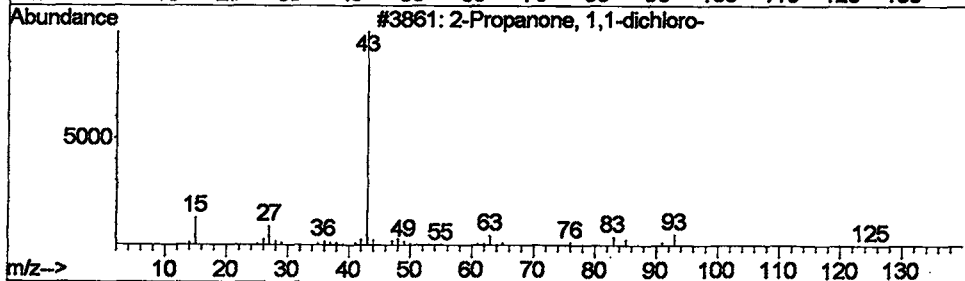
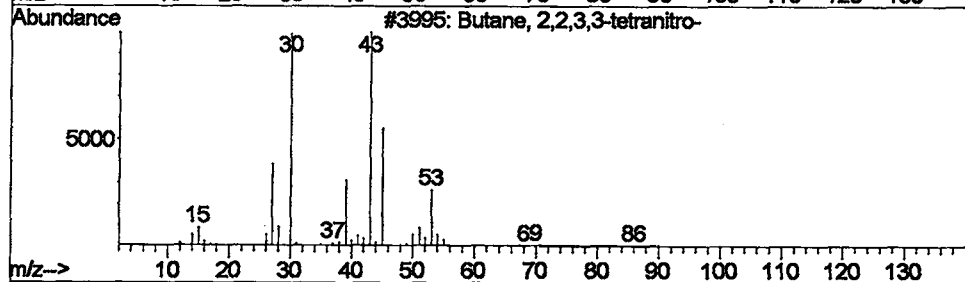
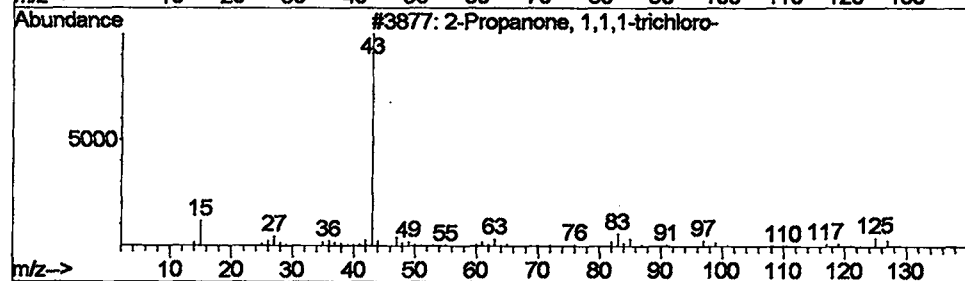
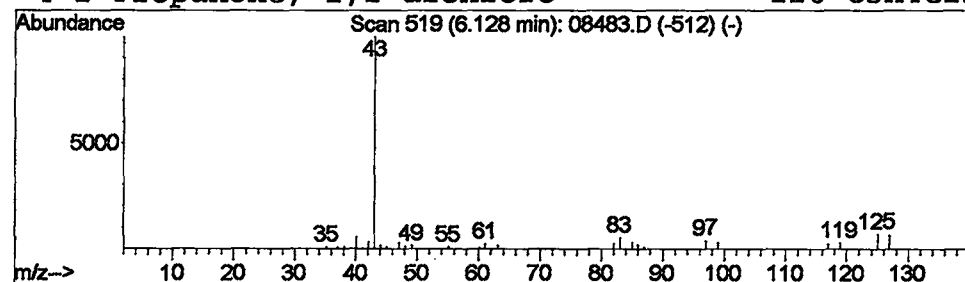
Vial: 20
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.l

 Peak Number 1 2-Propanone, 1,1,1-trichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	0.27 ug/l	362359	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	45
2		Butane, 2,2,3,3-tetranitro-	238	C4H6N4O8	020919-97-5	32
3		2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	28
4		2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	28



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08483.D
 Acq On : 20 Apr 2002 2:50 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

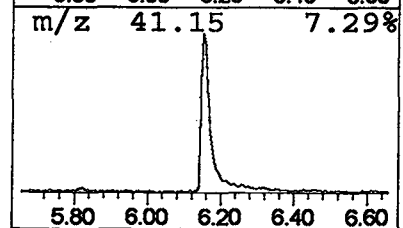
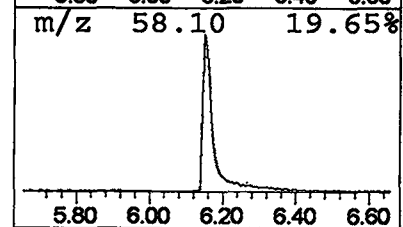
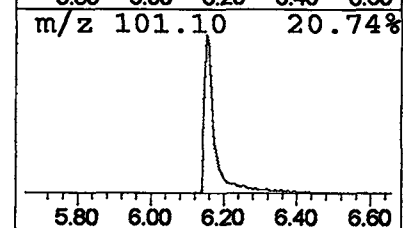
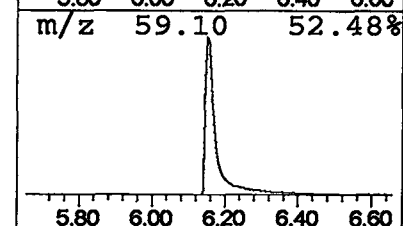
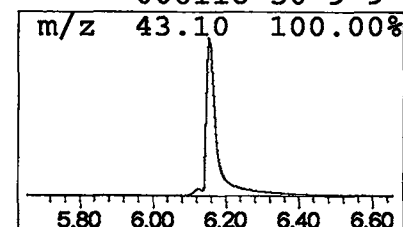
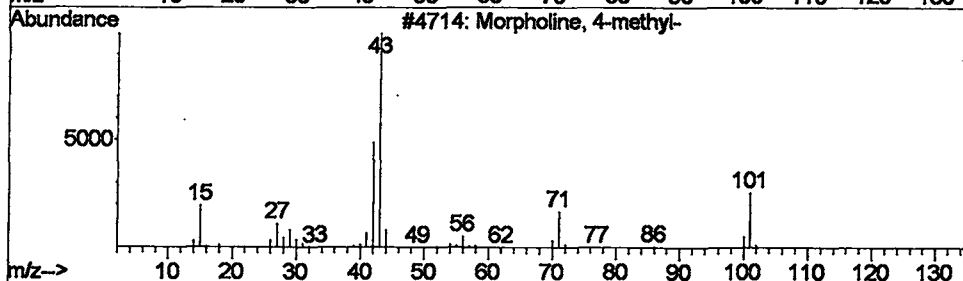
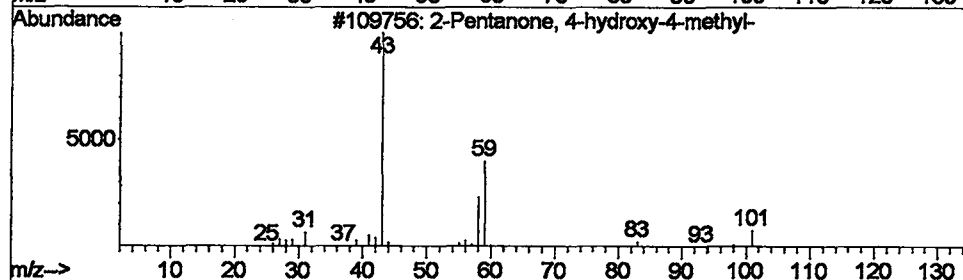
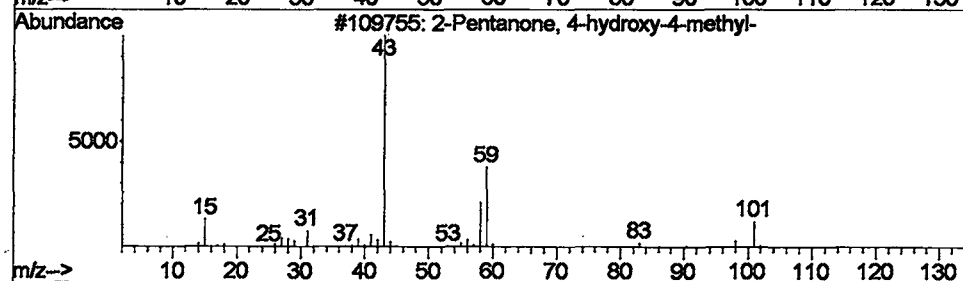
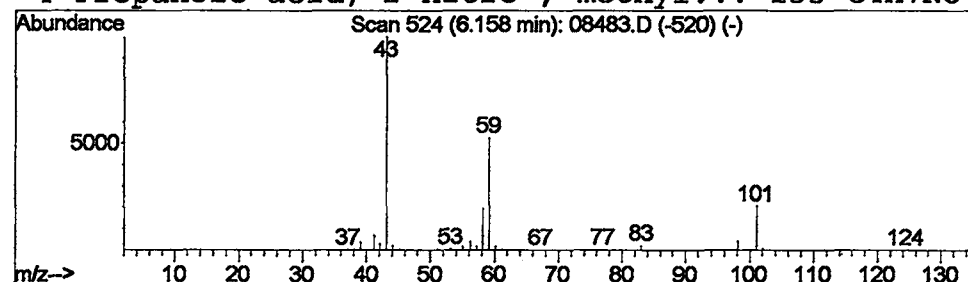
Vial: 20
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation 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.
6.16	12.00 ug/l	16220900	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	38
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9



Library Search Compound Report

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Acq On : 20 Apr 2002 2:50 am
Sample : sample
Misc :
MS Integration Params: rteint.e

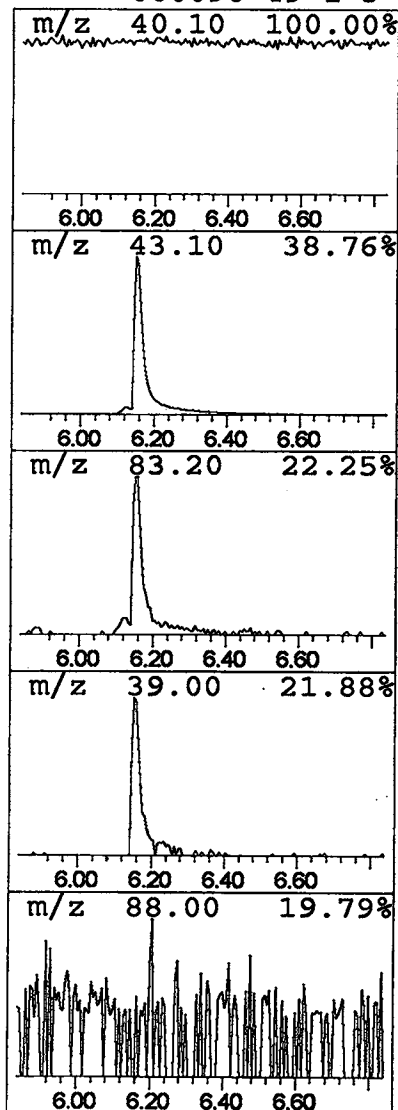
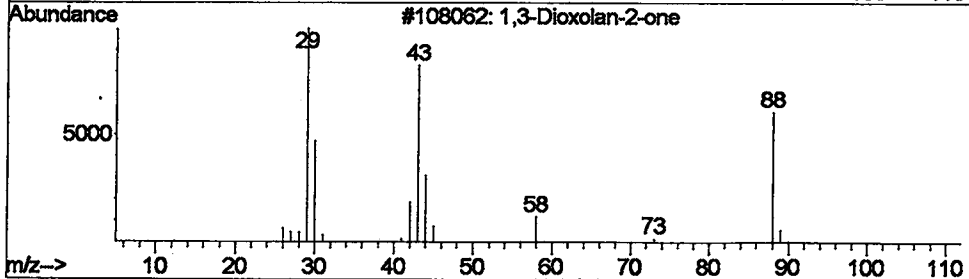
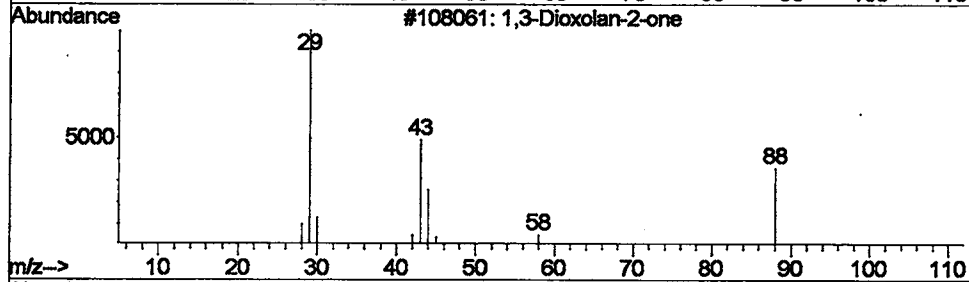
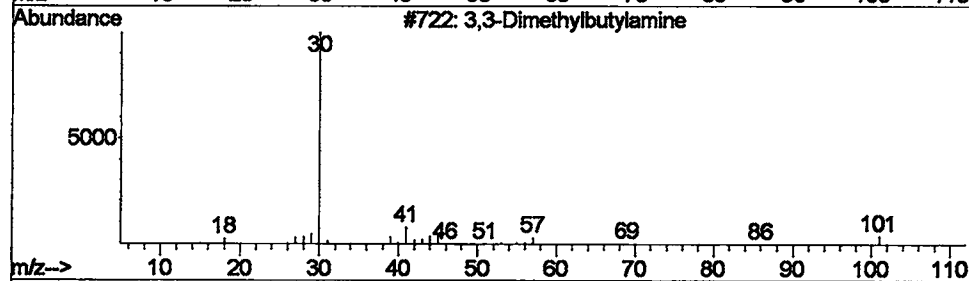
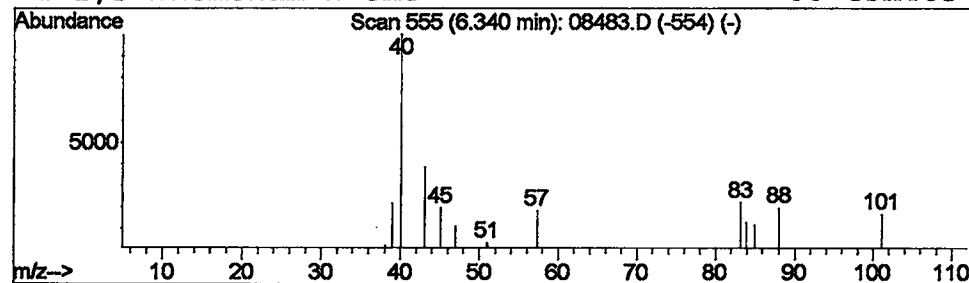
Vial: 20
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.1

Peak Number 3 3,3-Dimethylbutylamine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	0.26 ug/l	354282	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,3-Dimethylbutylamine	101	C6H15N	015673-00-4	4
2			1,3-Dioxolan-2-one	88	C3H4O3	000096-49-1	3
3			1,3-Dioxolan-2-one	88	C3H4O3	000096-49-1	3
4			1,3-Dioxolan-2-one	88	C3H4O3	000096-49-1	3



Library Search Compound Report

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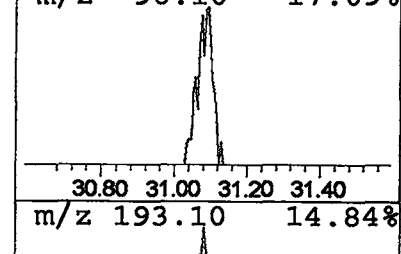
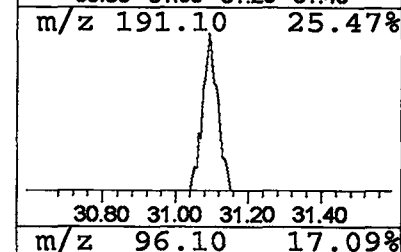
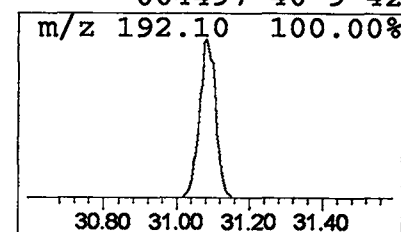
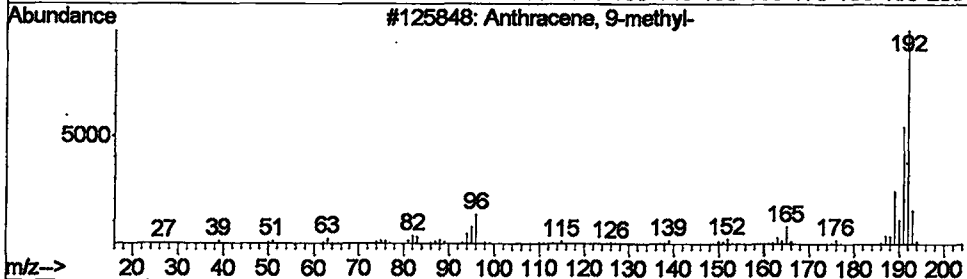
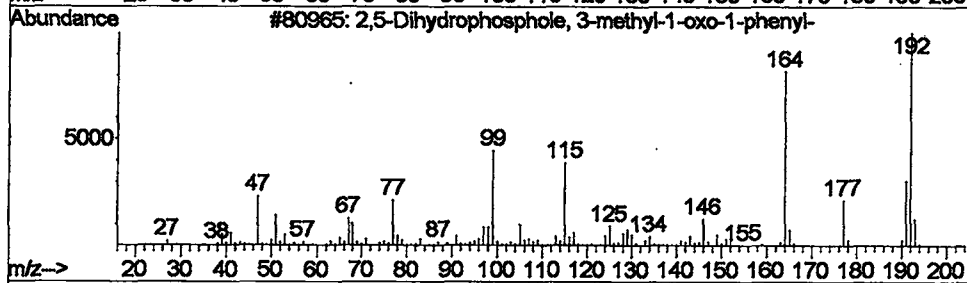
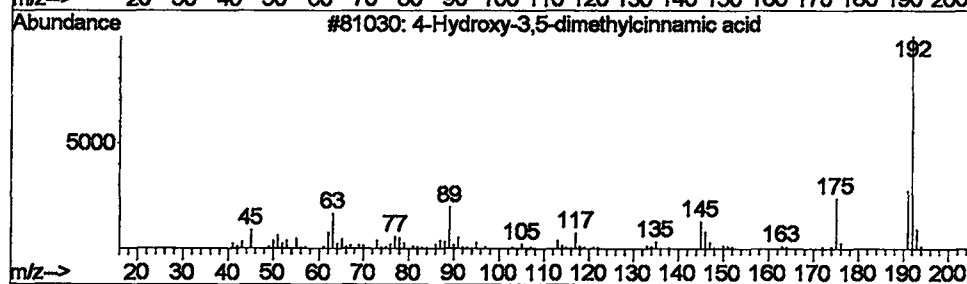
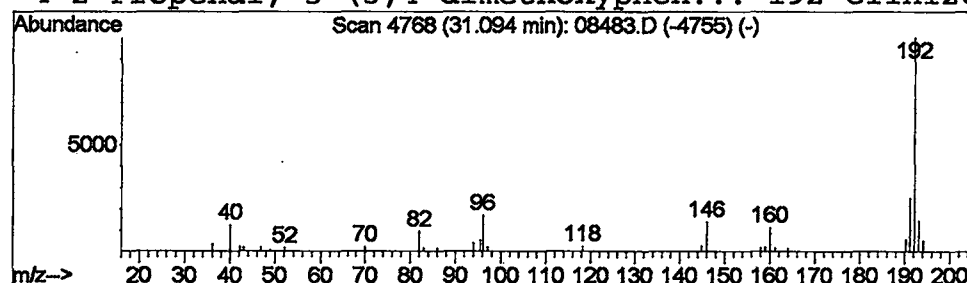
Vial: 20
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

 Peak Number 4 4-Hydroxy-3,5-dimethylcinna... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.10	0.36 ug/l	755726	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	64
2			2,5-Dihydrophosphole, 3-methyl-1...	192	C11H13OP	1000196-97-5	59
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	50
4			2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	42



Library Search Compound Report

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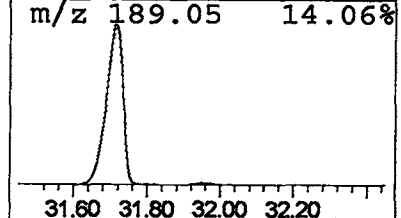
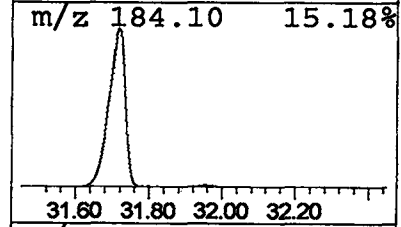
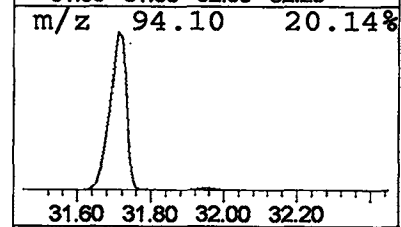
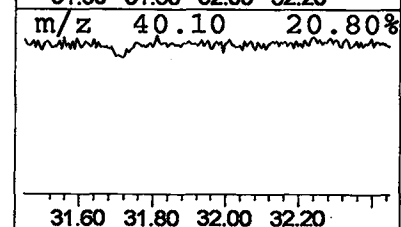
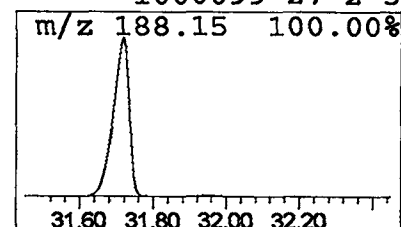
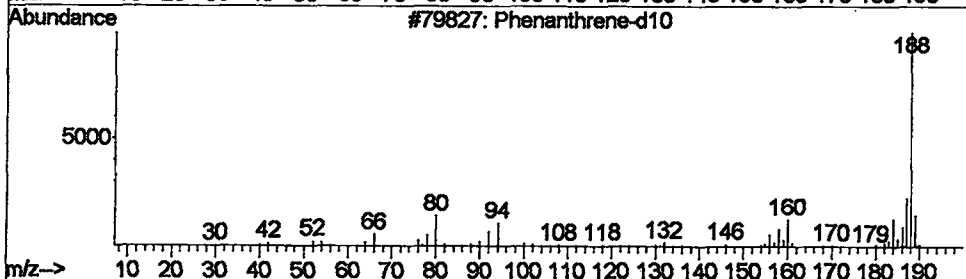
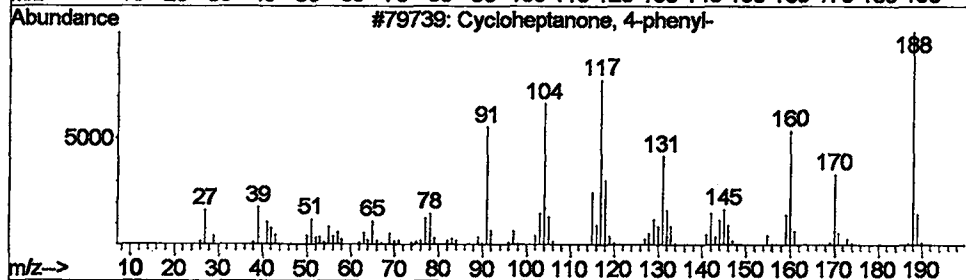
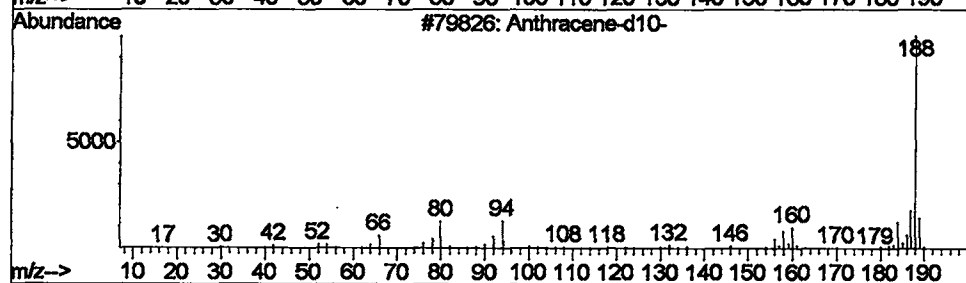
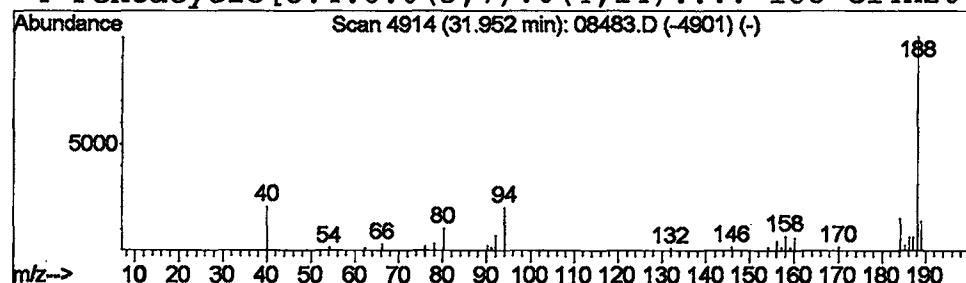
Vial: 20
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

 Peak Number 5 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.34 ug/l	732285	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	59
2	Cycloheptanone, 4-phenyl-	188	C13H16O	067688-28-2	37
3	Phenanthrene-d10	188	C14D10	001517-22-2	37
4	Pentacyclo[8.4.0.0(3,7).0(4,14)....	188	C14H20	1000099-27-2	33



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 20 Apr 2002 2:50 am
Data File: C:\MSDCHEM\1\DATA\020419\08483.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation 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,...	6.13	0.3	ug/l	362359	1	11.38	54061400	40.0
2-Pentanone, 4-hy...	6.16	12.0	ug/l	16220900	1	11.38	54061400	40.0
3,3-Dimethylbutyl...	6.34	0.3	ug/l	354282	1	11.38	54061400	40.0
4-Hydroxy-3,5-dim...	31.10	0.4	ug/l	755726	4	31.72	85131500	40.0
Anthracene-d10- Phenanthrene-d10	31.95	0.3	ug/l	732285	4	31.72	85131500	40.0