

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/07/2002 Time: 10:33:12

Sample: AE08489
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/7/02 10:26 Ended: 5/7/02 10:26 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		73		10.0

Comments for Sample AE08489 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-07-2002 Time: 10:33:38

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\08489.D
Acq On : 20 Apr 2002 8:45 am
Sample : sample
Misc :
MS Integration Params: EVENTS.E
Quant Time: Apr 26 15:26:52 2002

Vial: 26
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	10427262	40.00	ug/l	-0.05
10) Naphthalene-d8	16.54	136	39816659	40.00	ug/l	-0.07
17) Acenaphthene-d10	24.46	164	21866893	40.00	ug/l	-0.06
30) Phenanthrene-d10	31.72	188	32958444	40.00	ug/l	-0.06
38) Chrysene-d12	39.93	240	25636045	40.00	ug/l	-0.08
44) Perylene-d12	43.16	264	18822018	40.00	ug/l	-0.04

System Monitoring Compounds

27) TCMX	27.54	207	996160	7.33	ug/l	-0.08
Spiked Amount	10.000		Recovery	=	73.30%	

Target Compounds

35) Di-n-butylphthalate	34.81	149	154759	0.13	ug/l	98
43) Bis(2-ethylhexyl)phthalate	40.52	149	78768	0.12	ug/l	82

(#) = qualifier out of range (m) = manual integration (+) = signals summed
08489.D SCAN020418.M Fri Apr 26 15:28:17 2002 Page 1

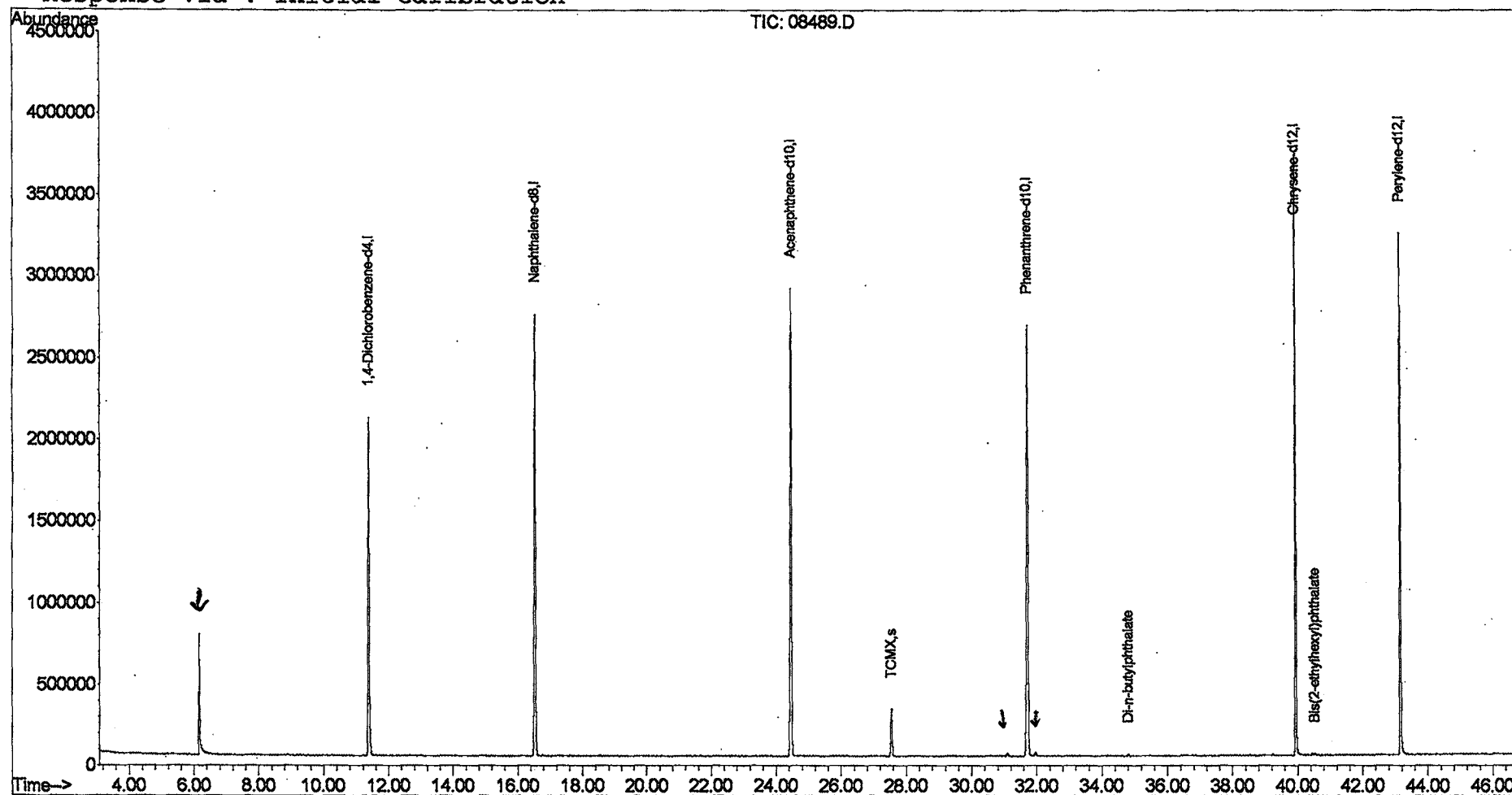
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020419\08489.D
 Acq On : 20 Apr 2002 8:45 am
 Sample : sample
 Misc :
 MS Integration Params: EVENTS.E
 Quant Time: Apr 26 15:28 2002

Vial: 26
 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



08489.D SCAN020418.M

Fri Apr 26 15:28:18 2002

Page 2

LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020419\08489.D
 Acq On : 20 Apr 2002 8:45 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

Vial: 26
 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

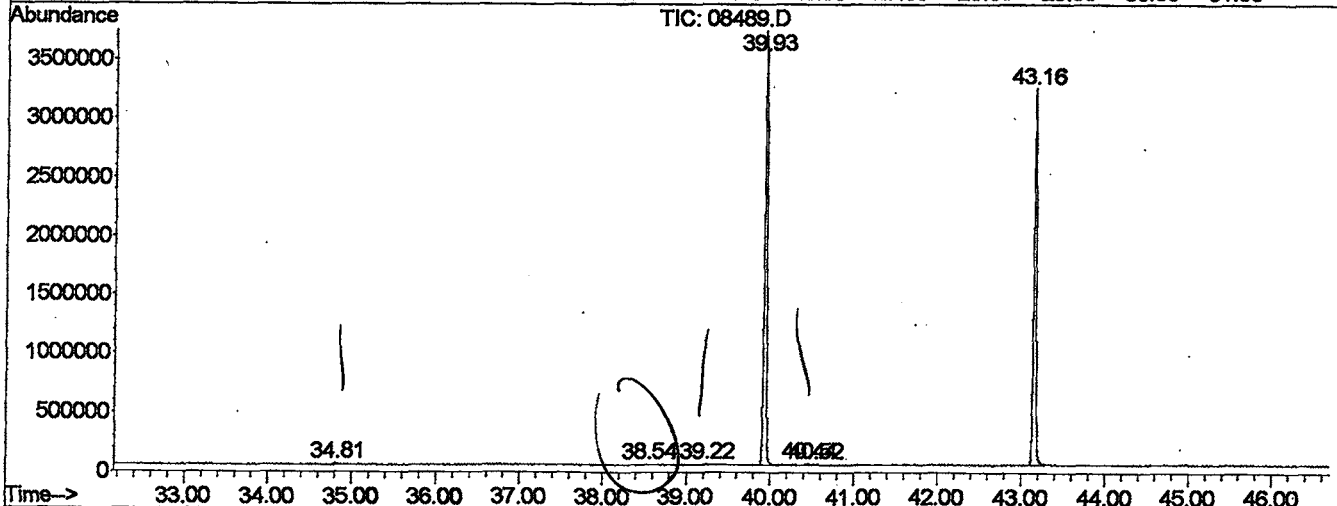
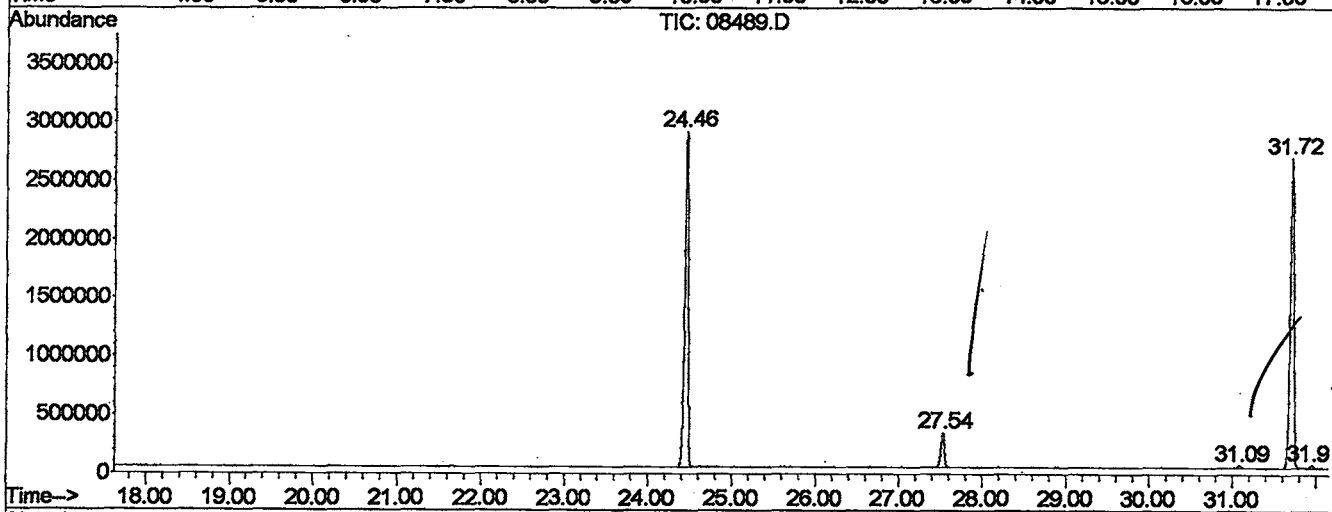
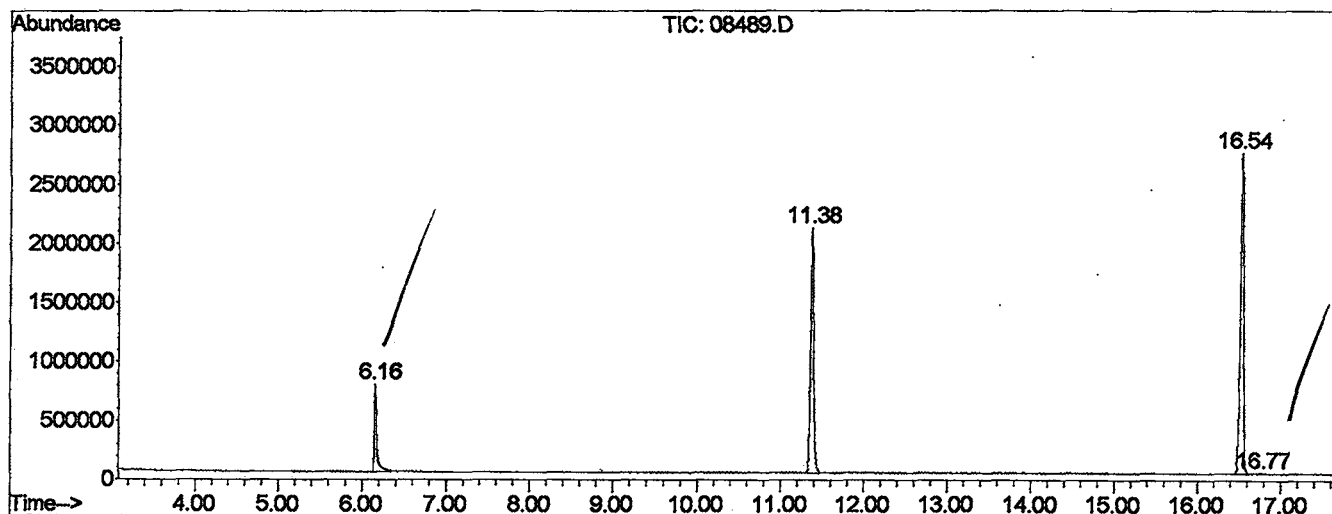
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.158	519	524	558	PV	725264	14550763	17.70%	3.203%
2	11.375	1398	1412	1430	PV	2058334	52279498	63.60%	11.506%
3	16.534	2276	2290	2306	PV	2690378	72121549	87.74%	15.873%
4	16.769	2321	2330	2338	PV	2 7058	163329	0.20%	0.036%
5	24.460	3612	3639	3652	PV	2872302	82168829	99.97%	18.085%
6	27.539	4150	4163	4174	PV	3 291232	8334226	10.14%	1.834%
7	31.088	4760	4767	4786	VV	5 20819	652135	0.79%	0.144%
8	31.722	4855	4875	4890	VV	2 2624267	82195409	100.00%	18.091%
9	31.957	4906	4915	4924	PV	3 24858	678368	0.83%	0.149%
10	34.807	5395	5400	5410	VV	2 14187	348021	0.42%	0.077%
11	38.538	6027	6035	6043	PV	7117	134714	0.16%	0.030%
12	39.225	6144	6152	6157	PV	2 9841	215880	0.26%	0.048%
13	39.936	6262	6273	6300	PV	2 3657590	74827836	91.04%	16.469%
14	40.442	6347	6359	6364	PV	3 10898	270017	0.33%	0.059%
15	40.524	6367	6373	6387	VV	3 11090	346458	0.42%	0.076%
16	43.156	6807	6821	6843	PV	2 3154015	65069159	79.16%	14.321%

Sum of corrected areas: 454356189

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020419\08489.D
 Operator : Nefliu
 Acquired : 20 Apr 2002 8:45 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 26
 Quant File :SCAN020418.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08489.D
 Acq On : 20 Apr 2002 8:45 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

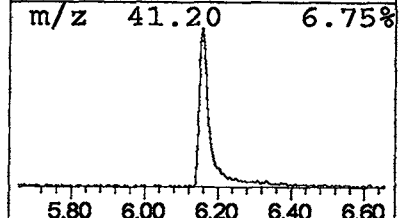
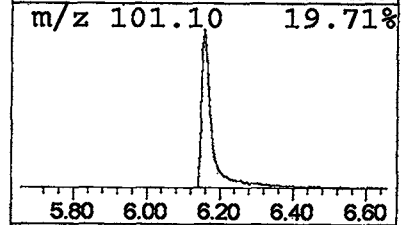
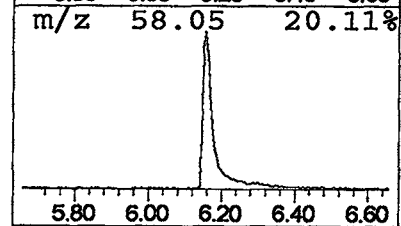
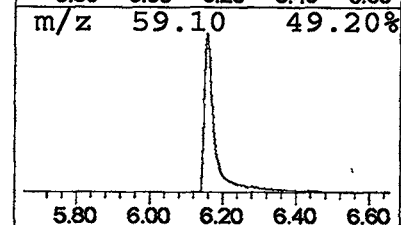
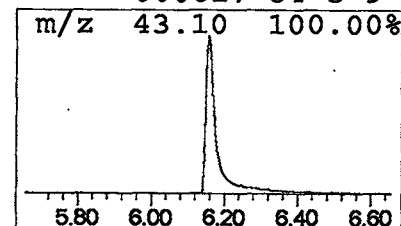
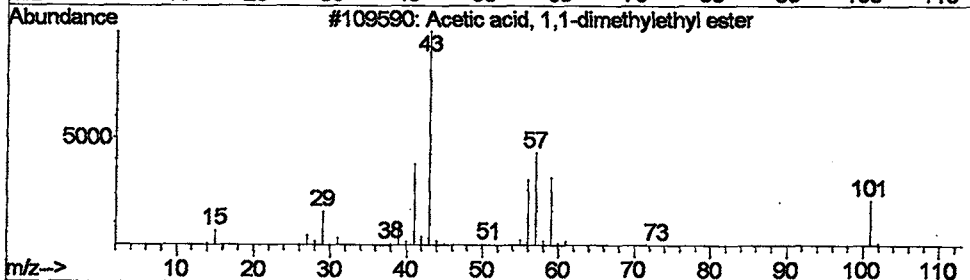
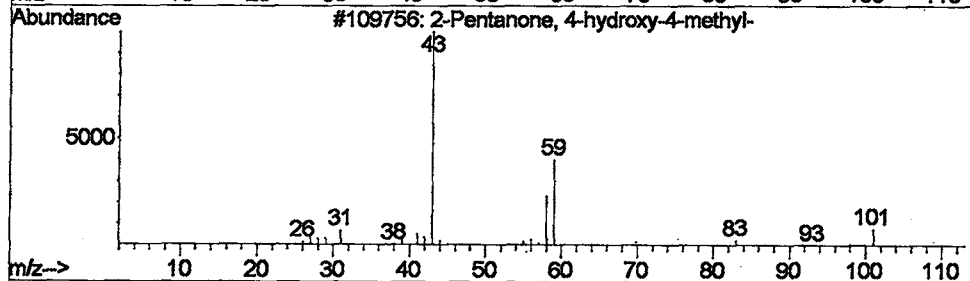
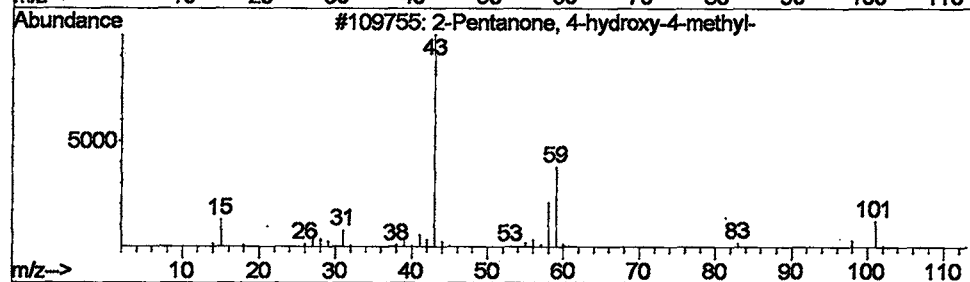
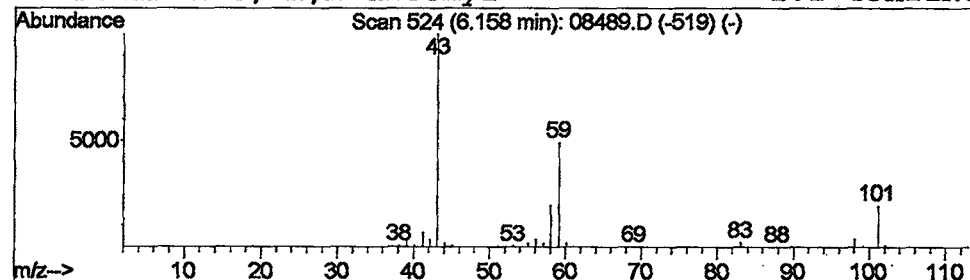
Vial: 26
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	11.13 ug/l	14550800	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	72
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	28
4			Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08489.D
 Acq On : 20 Apr 2002 8:45 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

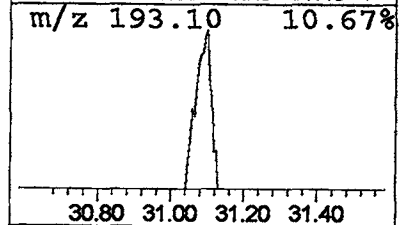
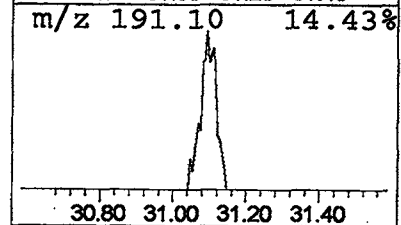
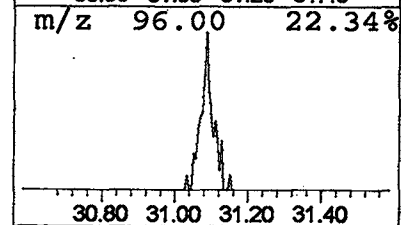
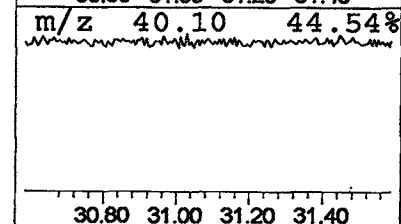
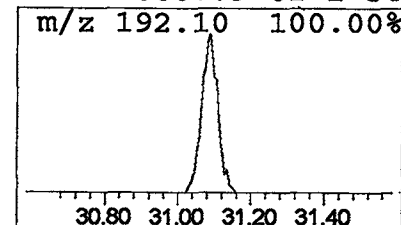
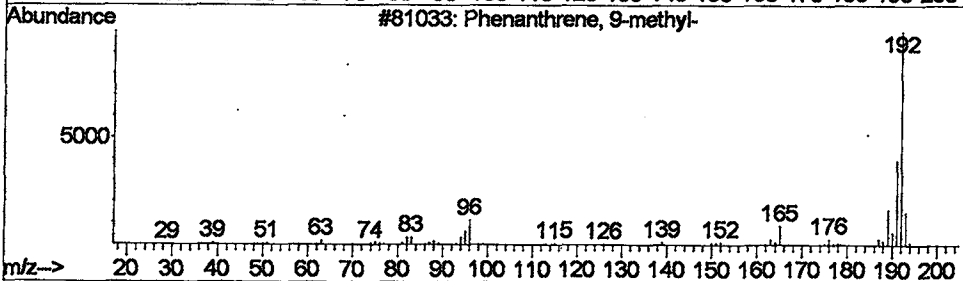
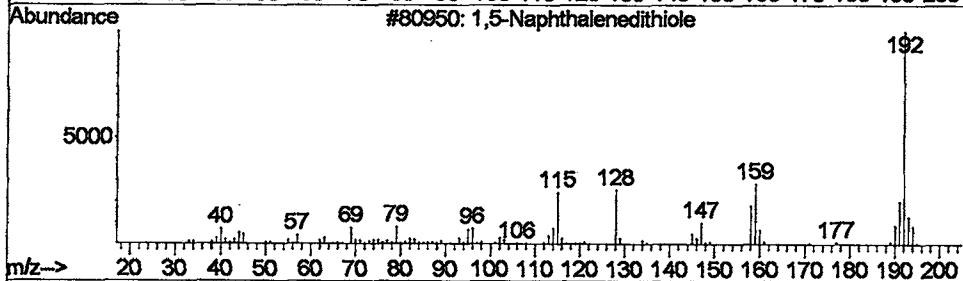
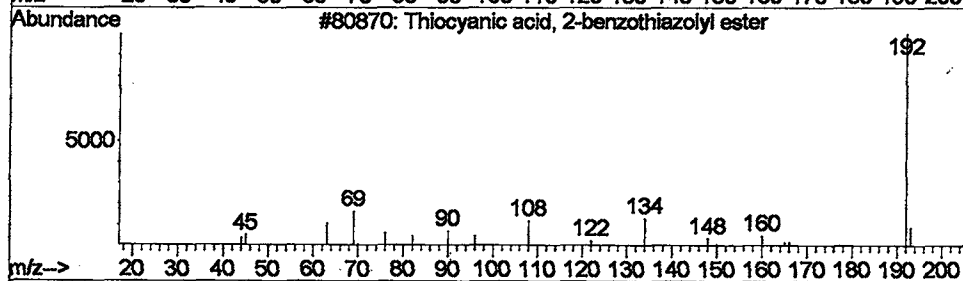
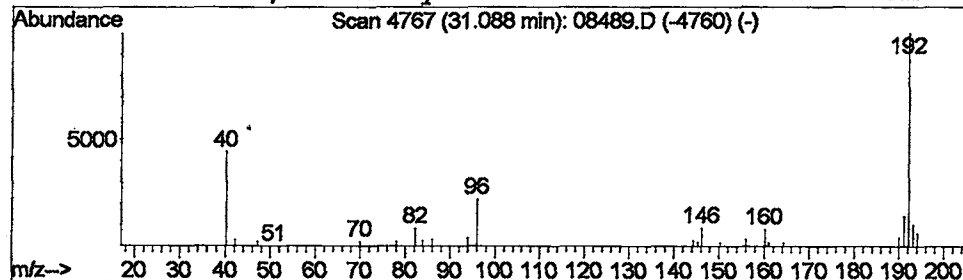
Vial: 26
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.32 ug/l	652135	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	50
2			1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	42
3			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	36
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	36



Library Search Compound Report

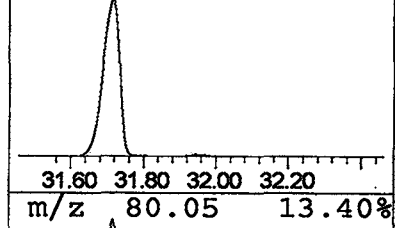
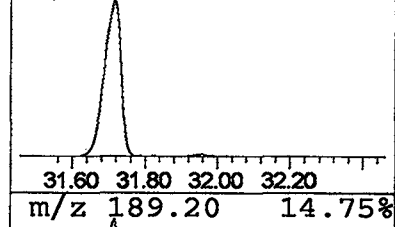
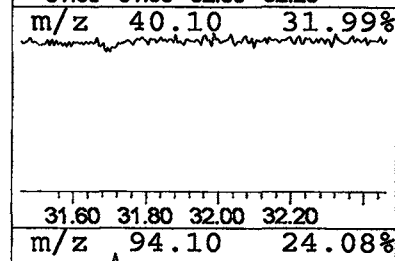
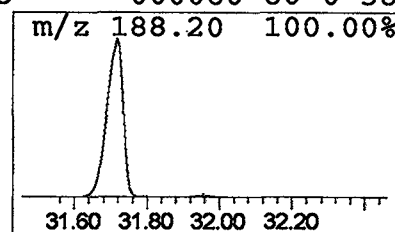
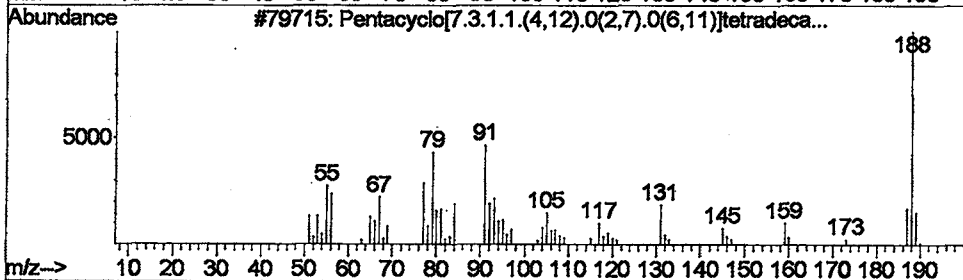
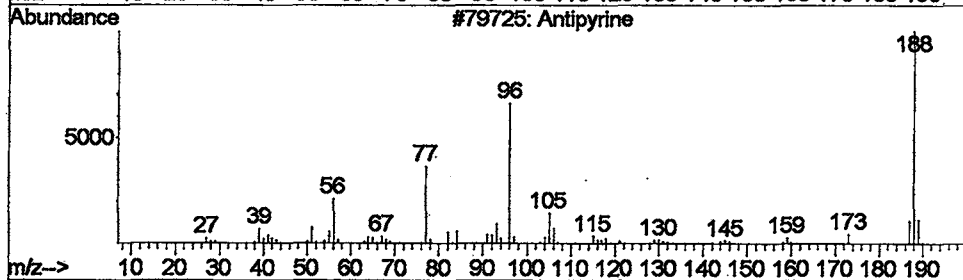
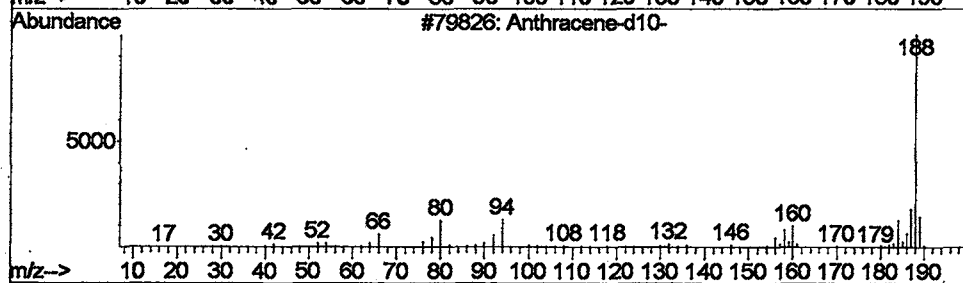
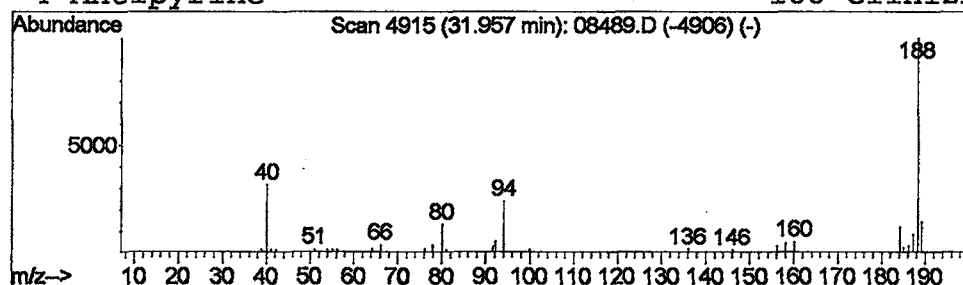
Data File : C:\MSDCHEM\1\DATA\020419\08489.D
Acq On : 20 Apr 2002 8:45 am
Sample : sample
Misc :
MS Integration Params: rteint.e

Vial: 26
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 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
31.96	0.33 ug/l	678368	Phenanthrene-d10	31.72		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene-d10-	188	C14D10	001719-06-8	59
2		Antipyrine	188	C11H12N2O	000060-80-0	47
3		Pentacyclo[7.3.1.1.(4,12).0(2,7)...]	188	C14H20	1000215-61-8	38
4		Antipyrine	188	C11H12N2O	000060-80-0	38



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 20 Apr 2002 8:45 am
Data File: C:\MSDCHEM\1\DATA\020419\08489.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-Pentanone, 4-hy...	6.16	11.1	ug/l	14550800	1	11.38	52279500	40.0
Phiocyanic acid, ...	31.09	0.3	ug/l	652135	4	31.72	82195400	40.0
Anthracene-d10-	31.96	0.3	ug/l	678368	4	31.72	82195400	40.0
<i>phenanthrene-dis</i>								