

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/29/2002 Time: 15:16:34

Sample: AE11571
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/29/02 15:15 Ended: 5/29/02 15:15 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		87		10.0

Comments for Sample AE11571 - Analysis \$GCMS

Nestchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-29-2002 Time: 15:16:59

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\11571.D
Acq On : 22 May 2002 7:05 am
Sample : sample
Misc :
MS Integration Params: rteint.e
Quant Time: May 24 09:48:59 2002

Vial: 24
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	451457	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1689526	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	908576	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1544484	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1233988	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	682158	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.55	207	253321	34.76	ug/l	-0.04
Spiked Amount	40.000		Recovery	=	86.90%	

Target Compounds

Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
11571.D SCAN020521.M Fri May 24 09:49:55 2002 Page 1

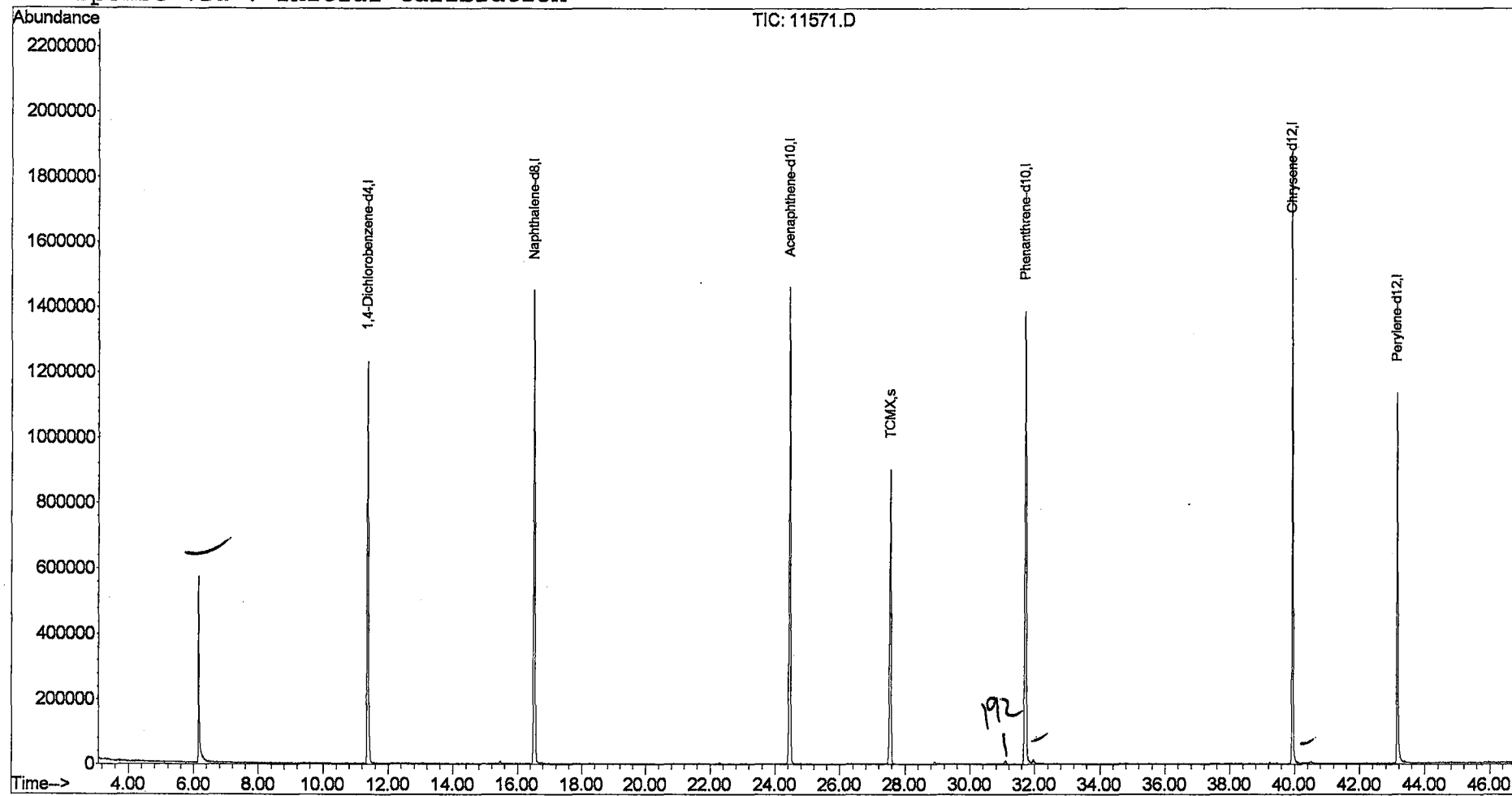
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020521\11571.D
 Acq On : 22 May 2002 7:05 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 24 9:49 2002

Vial: 24
 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\11571.D

Acq On : 22 May 2002 7:05 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 24

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\SCAN020521.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

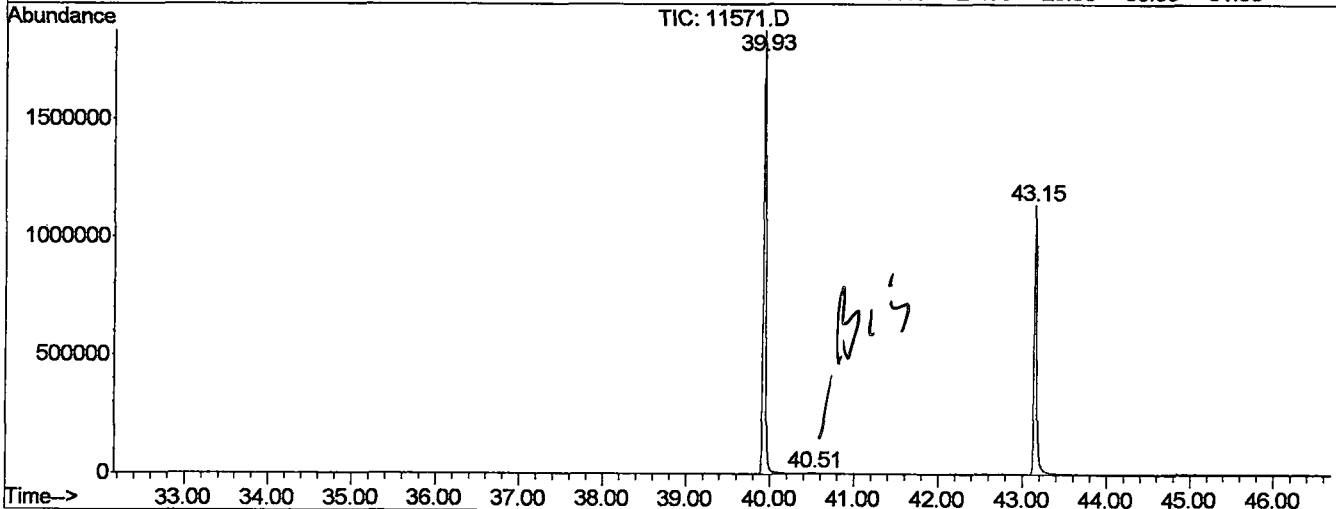
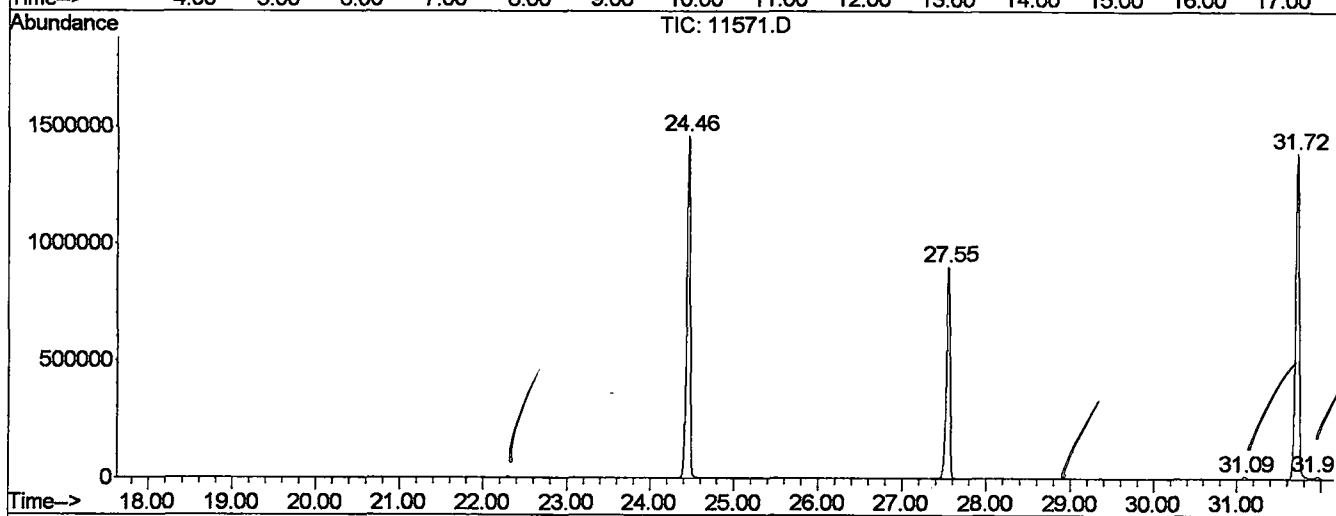
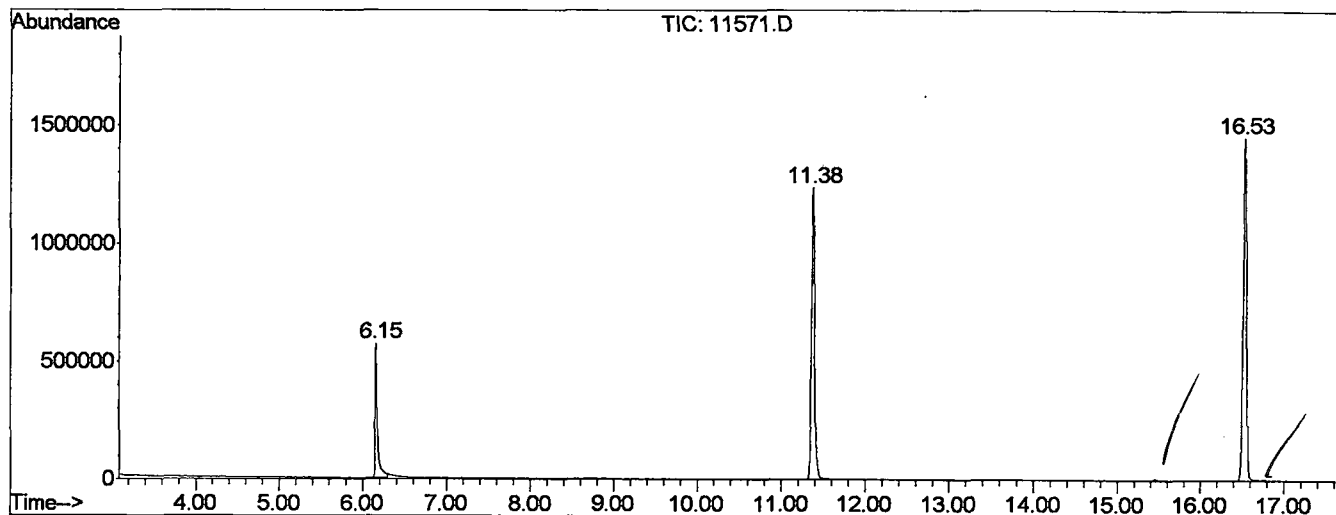
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.152	518	523	547	rBV	570724	1066400	24.37%	4.184%
2	11.375	1399	1412	1436	rBV	1233329	3132574	71.59%	12.290%
3	16.534	2272	2290	2315	rBV	1450807	3914870	89.46%	15.359%
4	24.460	3620	3639	3655	rBV2	1460159	4081460	93.27%	16.013%
5	27.551	4146	4165	4176	rBV2	902793	2652645	60.62%	10.407%
6	31.088	4753	4767	4778	rBV4	10674	32572	0.74%	0.128%
7	31.717	4854	4874	4907	rBV2	1388595	4375934	100.00%	17.168%
8	31.952	4907	4914	4926	rVB6	11071	36057	0.82%	0.141%
9	39.931	6258	6272	6290	rBV2	1876256	3749958	85.70%	14.712%
10	40.507	6360	6370	6380	rVB7	5901	21895	0.50%	0.086%
11	43.151	6808	6820	6852	rBV	1135839	2424651	55.41%	9.513%

Sum of corrected areas: 25489016

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020521\11571.D
 Operator : Nefliu
 Acquired : 22 May 2002 7:05 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 24
 Quant File :SCAN020521.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11571.D
 Acq On : 22 May 2002 7:05 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

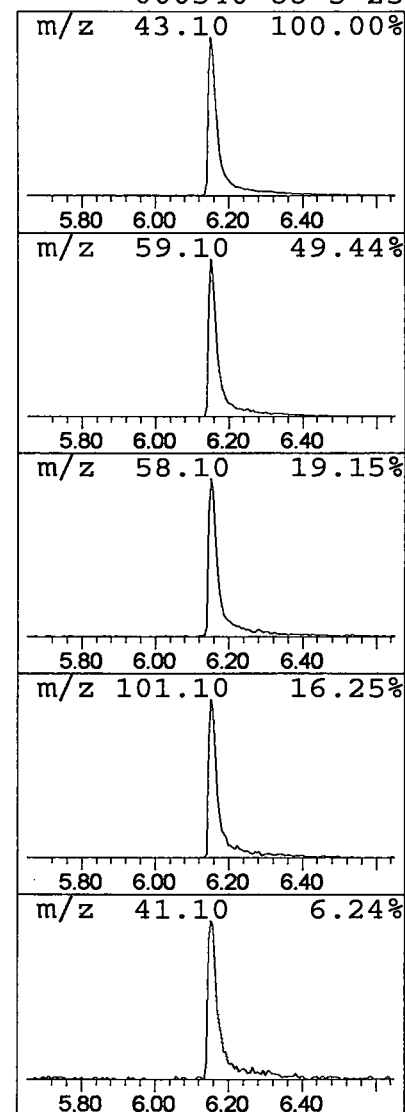
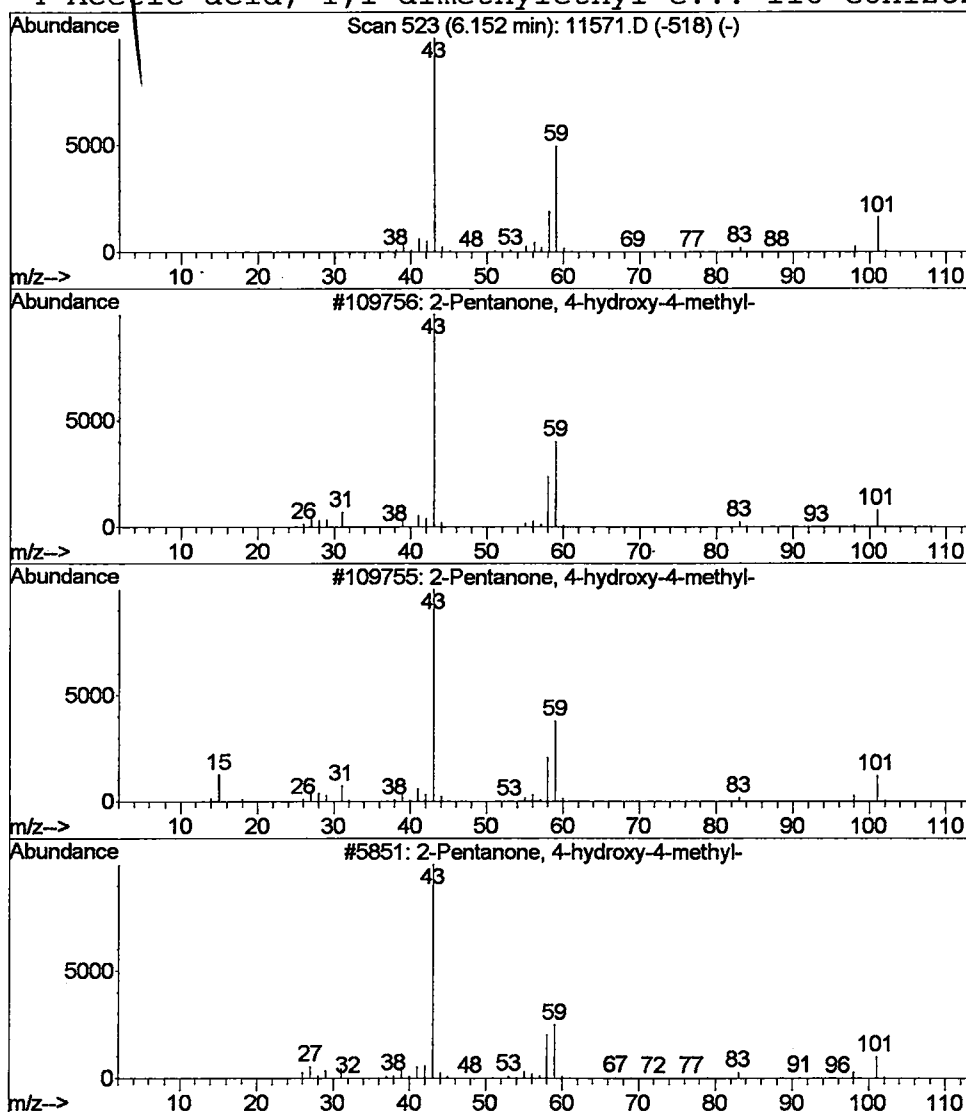
Vial: 24
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	13.62 ug/l	1066400	1,4-Dichlorobenzene-d4	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
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	45
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11571.D
Acq On : 22 May 2002 7:05 am
Sample : sample
Misc :
MS Integration Params: rteint.e

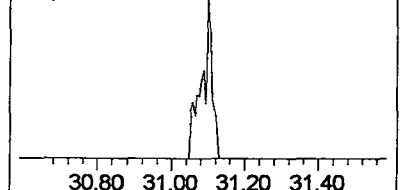
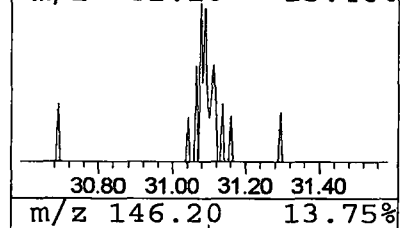
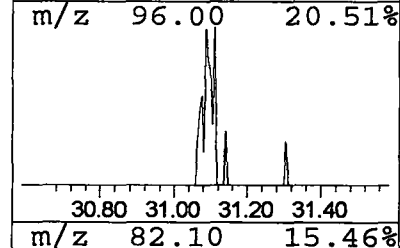
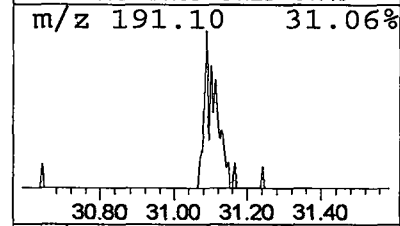
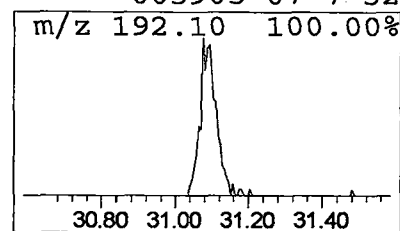
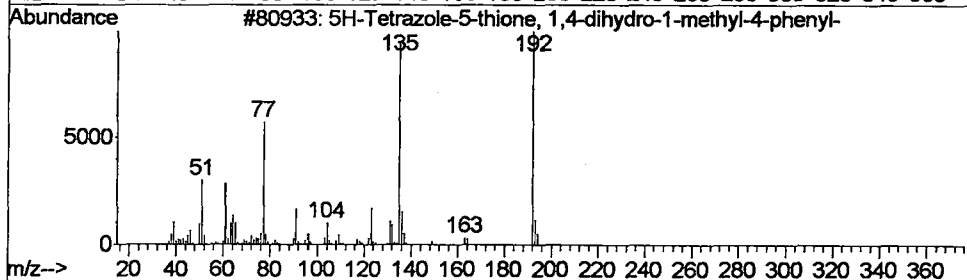
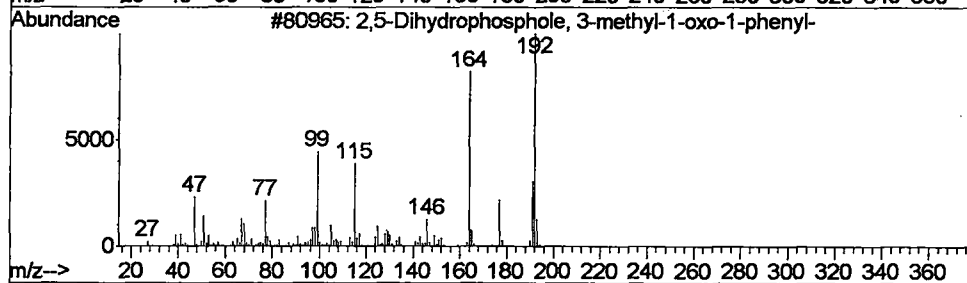
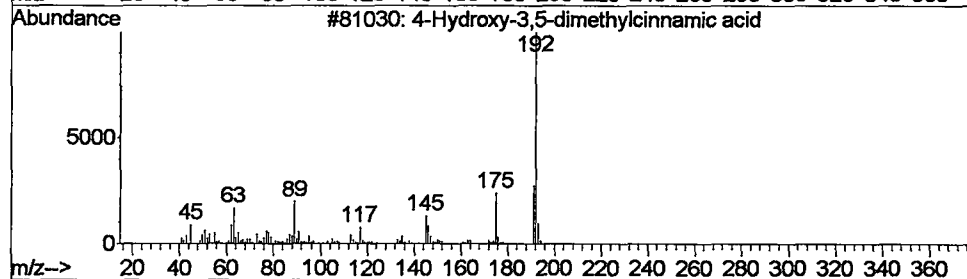
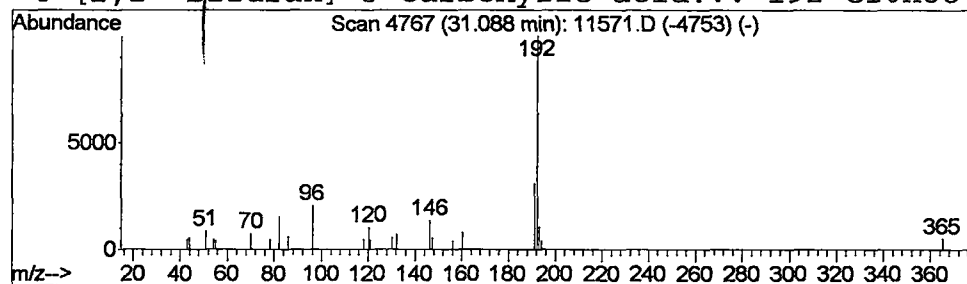
Vial: 24
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.30 ug/l	32572	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	53
2			2,5-Dihydrophosphole, 3-methyl-1...	192	C11H13OP	1000196-97-5	53
3			5H-Tetrazole-5-thione, 1,4-dihyd...	192	C8H8N4S	1000142-22-5	37
4			[2,2'-Bifuran]-3-carboxylic acid...	192	C10H8O4	005905-07-7	32



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11571.D

Acq On : 22 May 2002 7:05 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 24

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

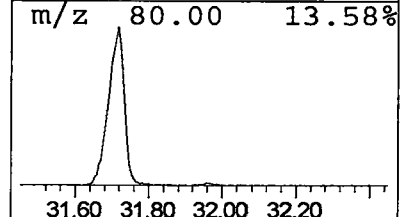
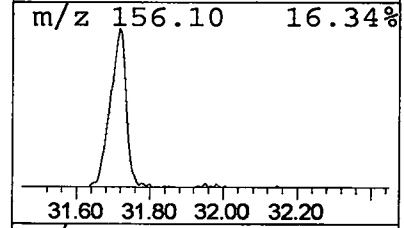
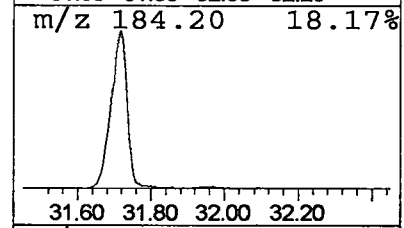
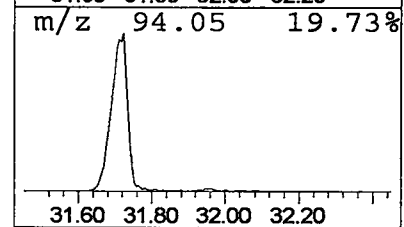
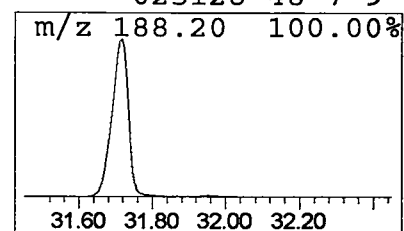
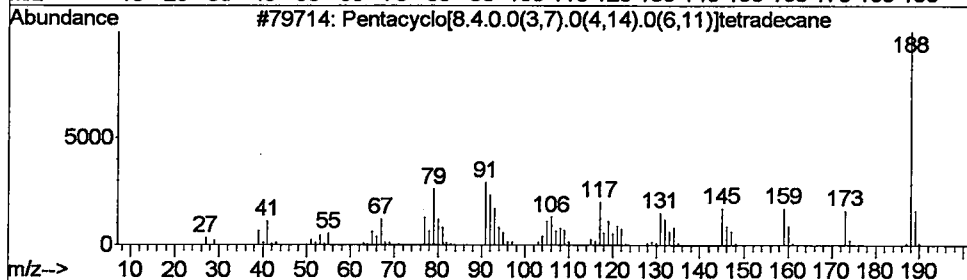
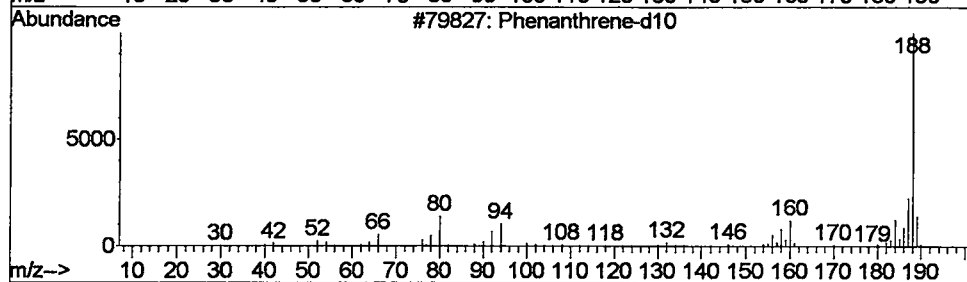
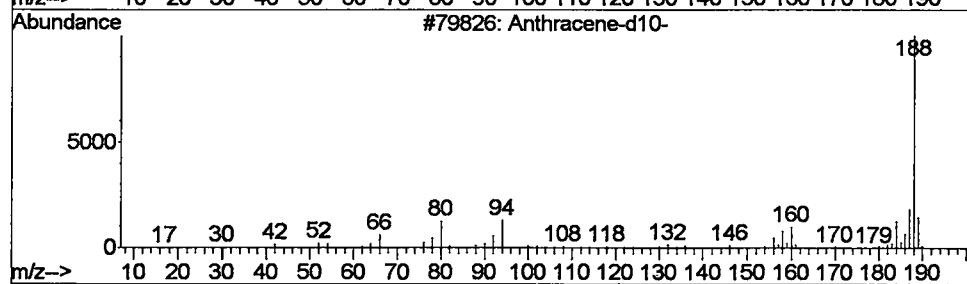
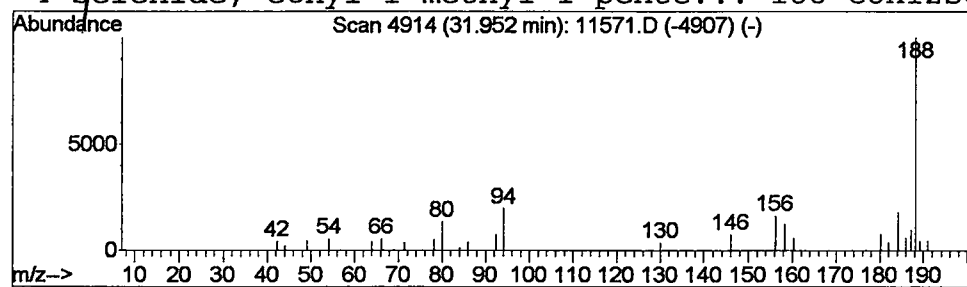
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

Peak Number 3 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.33 ug/l	36057	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene-d10-	188	C14D10	001719-06-8	72
2			Phenanthrene-d10	188	C14D10	001517-22-2	45
3			Pentacyclo[8.4.0.0(3,7).0(4,14)....	188	C14H20	1000099-27-2	25
4			Selenide, ethyl 1-methyl-1-pente...	188	C8H12Se	025128-48-7	9



Library Search Compound Report

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Acq On : 22 May 2002 7:05 am
Sample : sample
Misc :
MS Integration Params: rteint.e

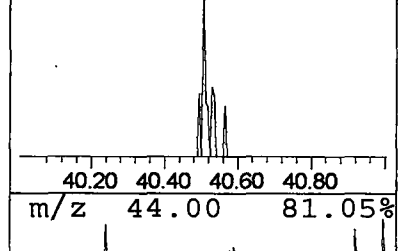
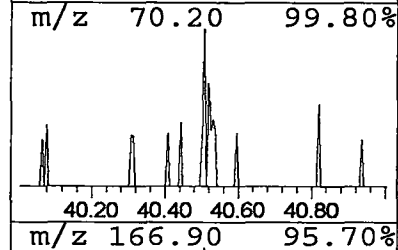
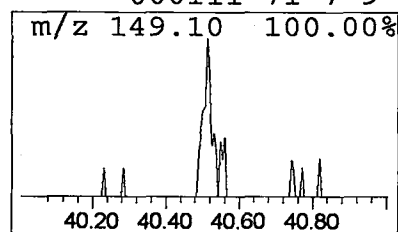
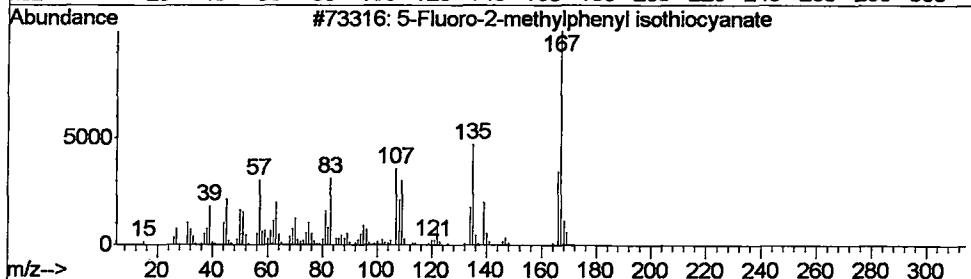
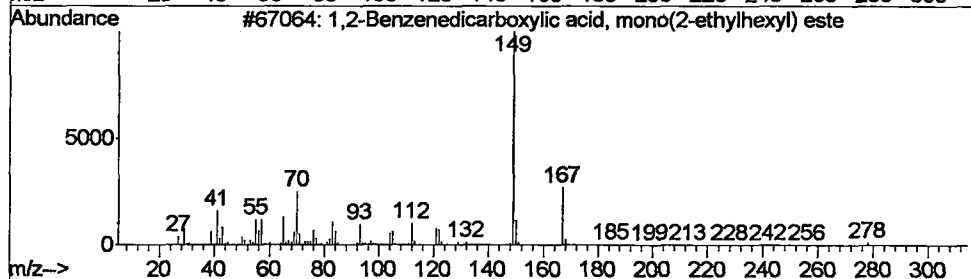
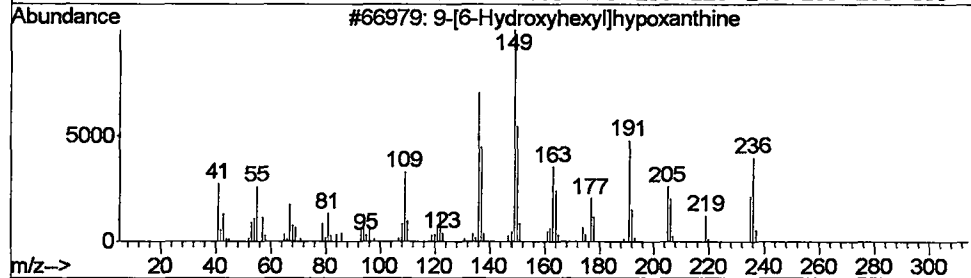
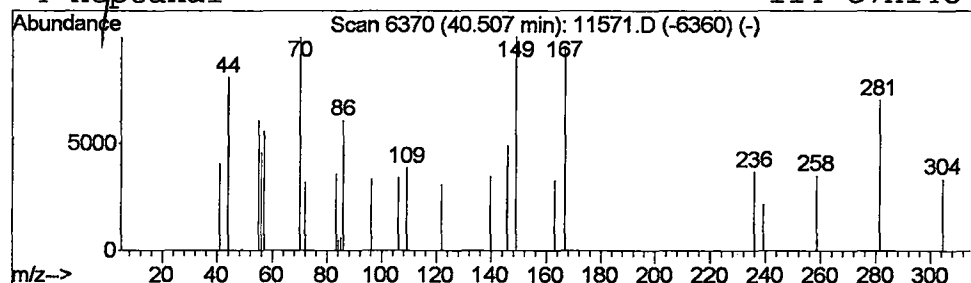
Vial: 24
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 4 9-[6-Hydroxyhexyl]hypoxanthine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.51	0.23 ug/l	21895	Chrysene-d12	39.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-[6-Hydroxyhexyl]hypoxanthine	236	C11H16N4O2	1000213-13-8	18
2			1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	10
3			5-Fluoro-2-methylphenyl isothioc...	167	C8H6FNS	1000134-57-2	9
4			Heptanal	114	C7H14O	000111-71-7	9



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 22 May 2002 7:05 am
Data File: C:\MSDCHEM\1\DATA\020521\11571.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	13.6	ug/l	1066400	1	11.38	3132570	40.0
4-Hydroxy-3,5-dim...	31.09	0.3	ug/l	32572	4	31.72	4375930	40.0
Anthracene-d10-	31.95	0.3	ug/l	36057	4	31.72	4375930	40.0
9-[6-Hydroxyhexyl]...	40.51	0.2	ug/l	21895	5	39.93	3749960	40.0