

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/29/2002 Time: 15:14:50

Sample: AE11570
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/29/02 15:14 Ended: 5/29/02 15:14 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		86		10.0

Comments for Sample AE11570 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-29-2002 Time: 15:15:13

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\11570.D
Acq On : 22 May 2002 6:05 am
Sample : sample
Misc :
MS Integration Params: rteint.e
Quant Time: May 24 09:44:16 2002

Vial: 23
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	402774	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1519270	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	816970	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1379539	40.00	ug/l	-0.02
38) Chrysene-d12	39.92	240	1029837	40.00	ug/l	-0.06
44) Perylene-d12	43.14	264	577686	40.00	ug/l	-0.04

System Monitoring Compounds

27) TCMX	27.55	207	225824	34.46	ug/l	-0.04
Spiked Amount	40.000		Recovery	=	86.15%	

Target Compounds

Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
11570.D SCAN020521.M Fri May 24 09:48:49 2002 Page 1

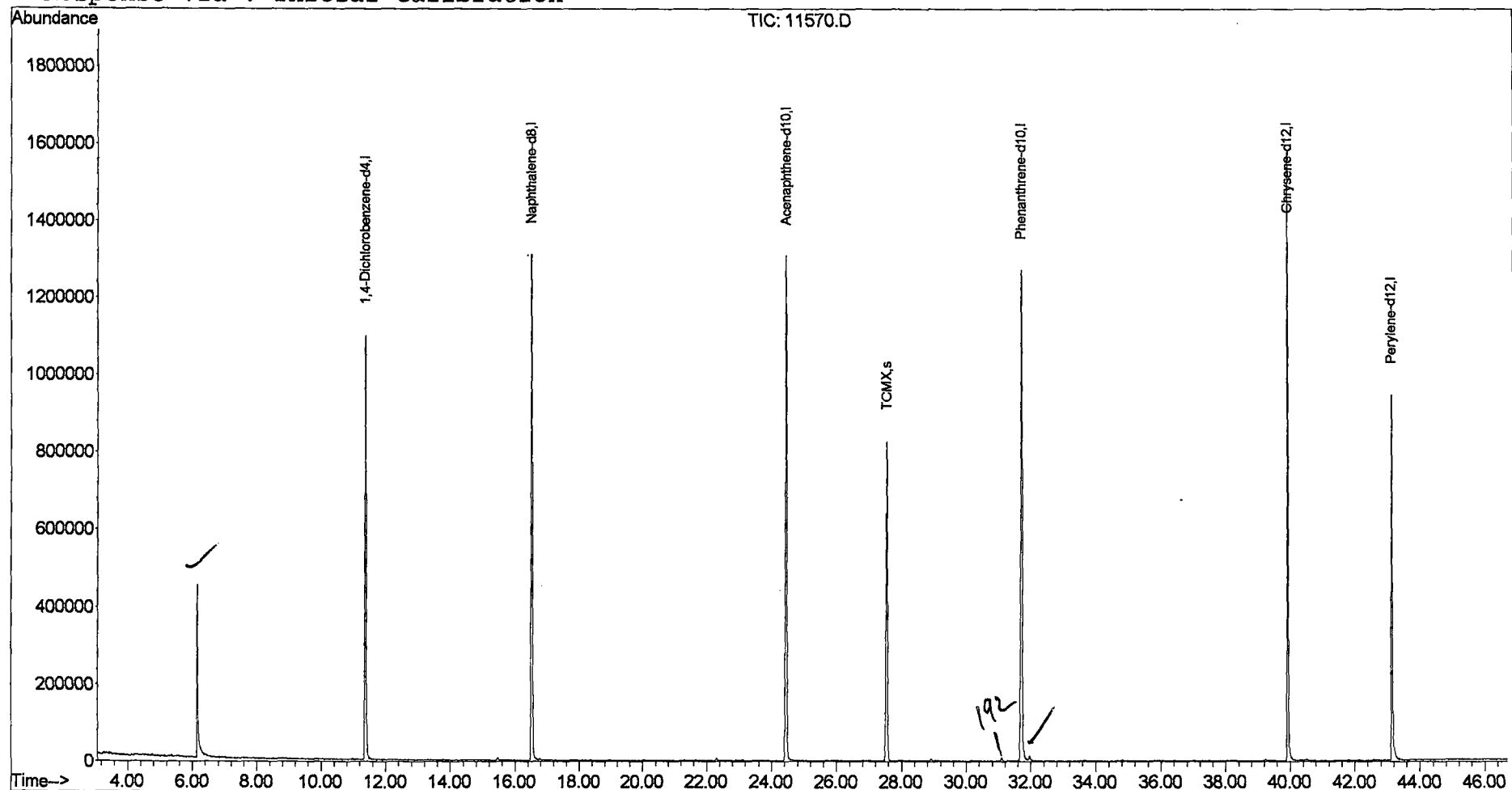
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020521\11570.D
 Acq On : 22 May 2002 6:05 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 24 9:48 2002

Vial: 23
 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\11570.D

Acq On : 22 May 2002 6:05 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 23

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

Title : Method 508 GC/MS Scan

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 0.5 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

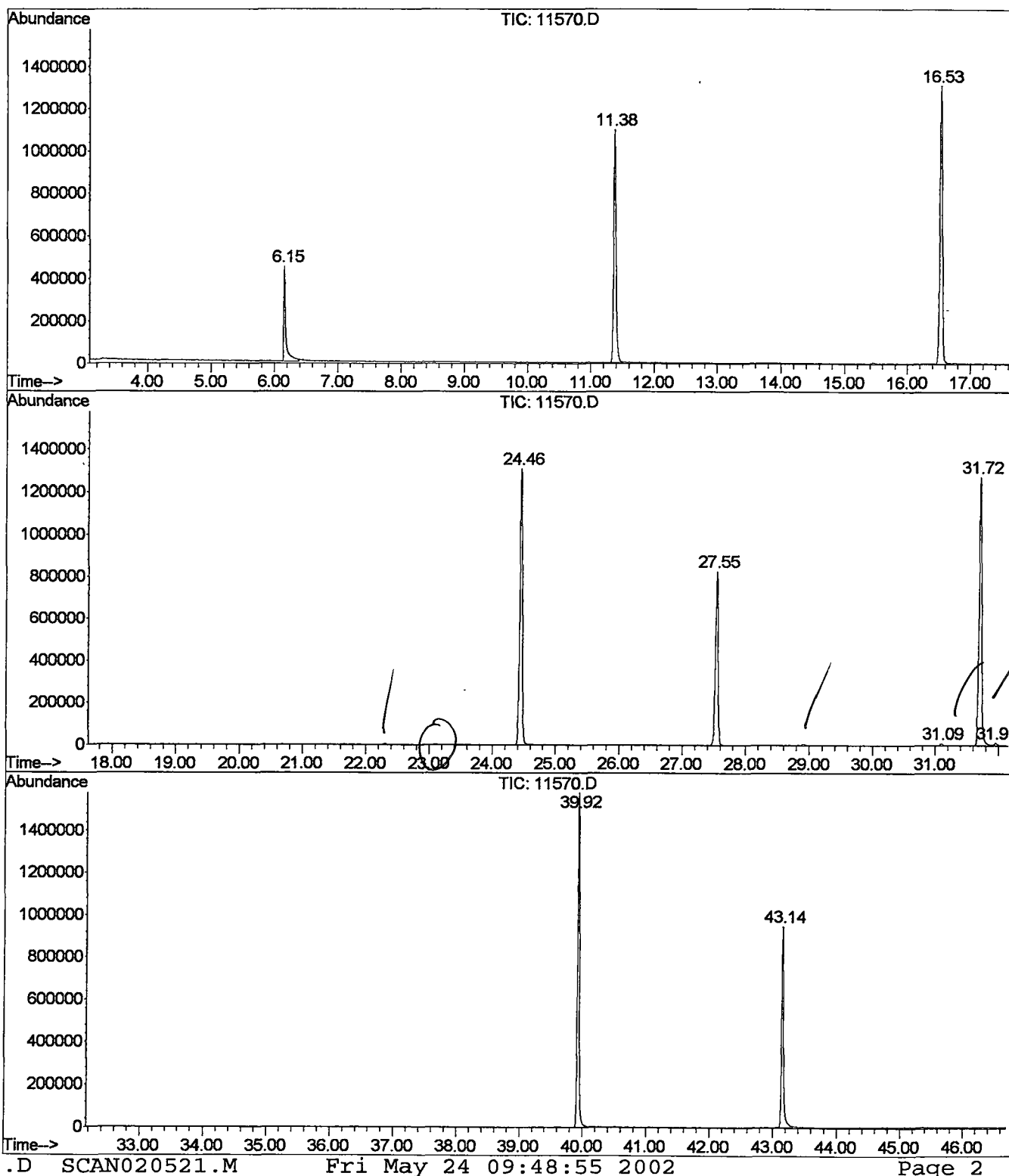
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.152	519	523	563	rBV	446895	981124	25.15%	4.367%
2	11.375	1400	1412	1434	rBV	1097226	2811192	72.07%	12.511%
3	16.534	2275	2290	2312	rBV	1310859	3529482	90.49%	15.708%
4	24.460	3619	3639	3656	rBV	1308400	3660803	93.86%	16.293%
5	27.551	4145	4165	4177	rBV2	828185	2336595	59.91%	10.399%
6	31.094	4760	4768	4778	rVB6	9729	25343	0.65%	0.113%
7	31.717	4857	4874	4904	rBV2	1271710	3900454	100.00%	17.359%
8	31.952	4910	4914	4930	rVB5	12612	33502	0.86%	0.149%
9	39.925	6260	6271	6299	rBV2	1577251	3170986	81.30%	14.113%
10	43.145	6810	6819	6848	rBV2	946009	2019548	51.78%	8.988%

Sum of corrected areas: 22469029

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020521\11570.D
Operator : Nefliu
Acquired : 22 May 2002 6:05 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 23
Quant File :SCAN020521.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11570.D
 Acq On : 22 May 2002 6:05 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

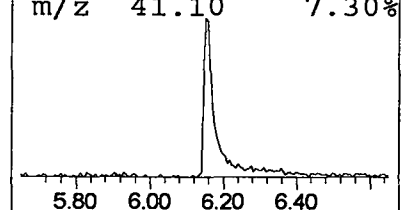
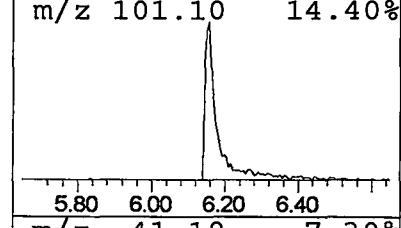
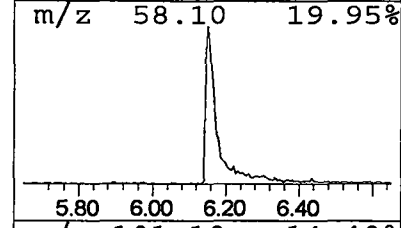
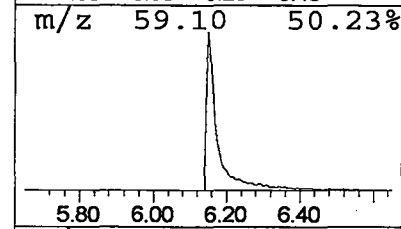
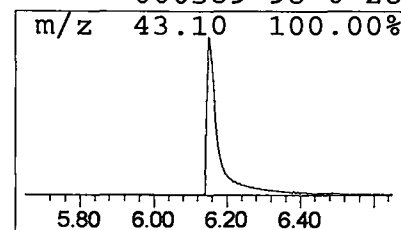
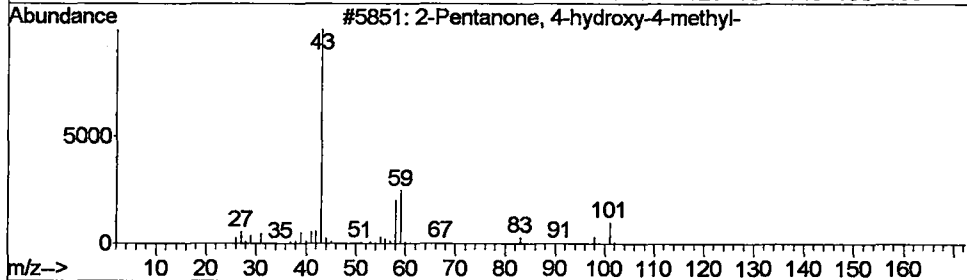
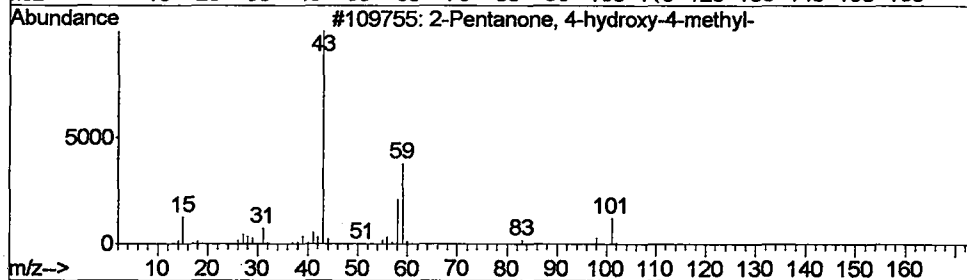
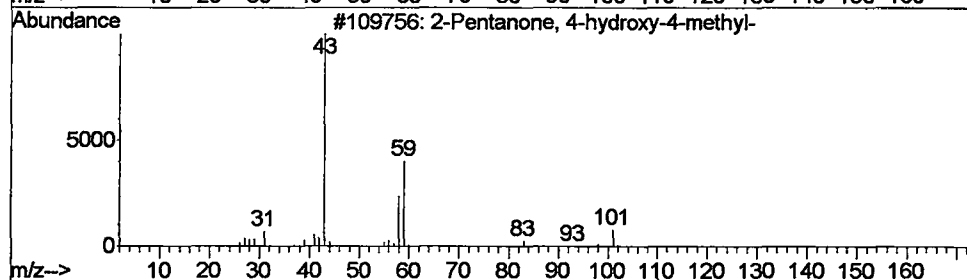
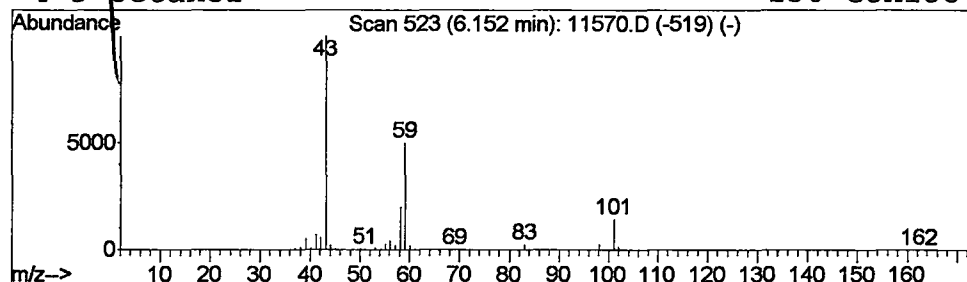
Vial: 23
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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	13.96 ug/l	981124	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	78	
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64	
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45	
4	3-Octanol	130	C8H18O	000589-98-0	28	



Library Search Compound Report

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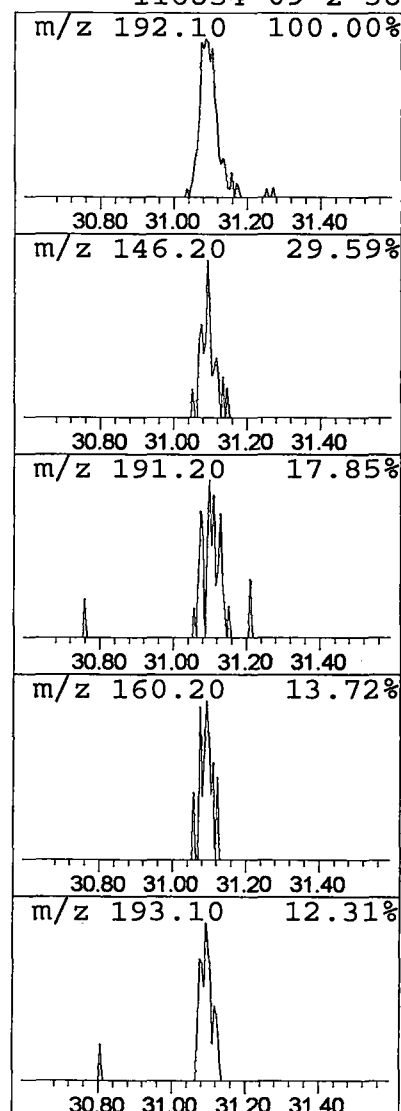
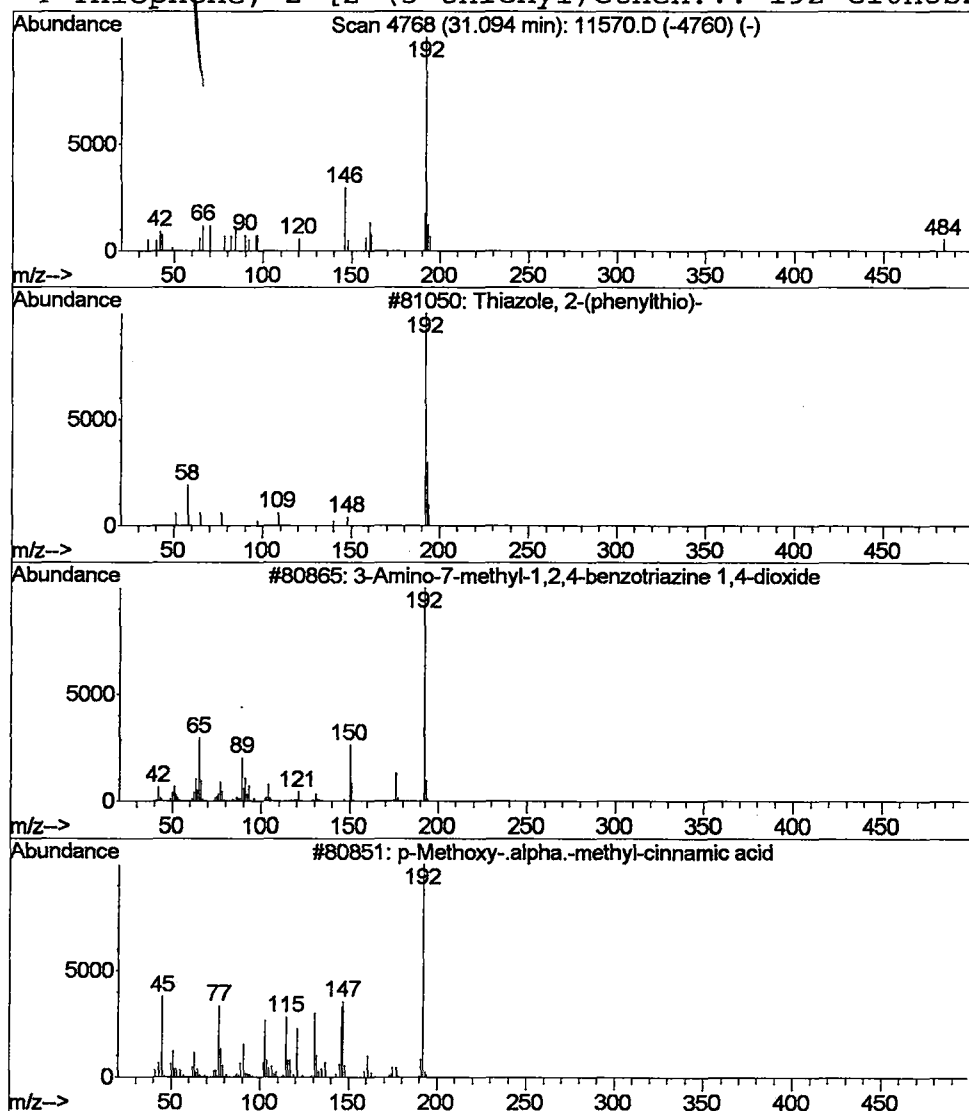
Vial: 23
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 2 Thiazole, 2-(phenylthio)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.26 ug/l	25343	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Thiazole, 2-(phenylthio)-	193	C9H7NS2	033342-67-5	38
2		3-Amino-7-methyl-1,2,4-benzotria...	192	C8H8N4O2	1000213-87-8	38
3		p-Methoxy-.alpha.-methyl-cinnami...	192	C11H12O3	1000227-16-5	38
4		Thiophene, 2-[2-(3-thienyl)ethen...	192	C10H8S2	116854-09-2	38



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11570.D
 Acq On : 22 May 2002 6:05 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

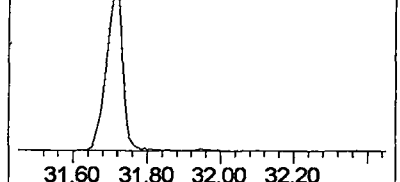
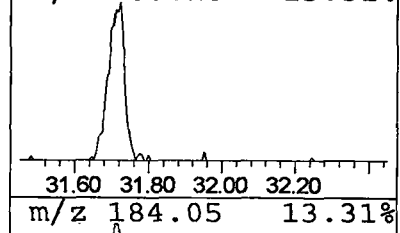
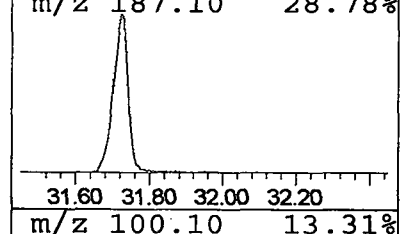
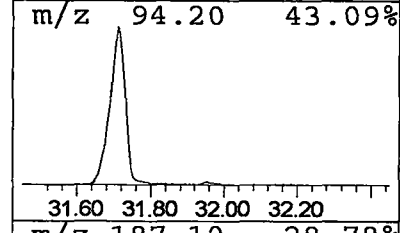
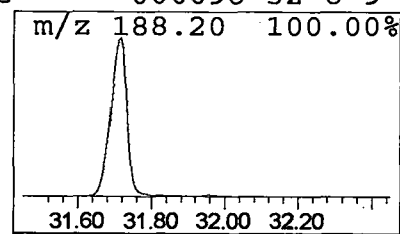
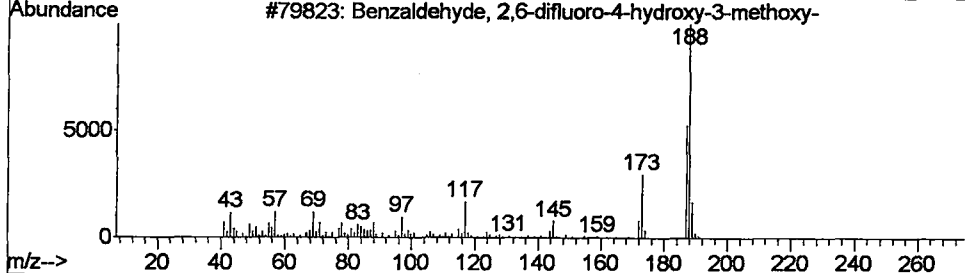
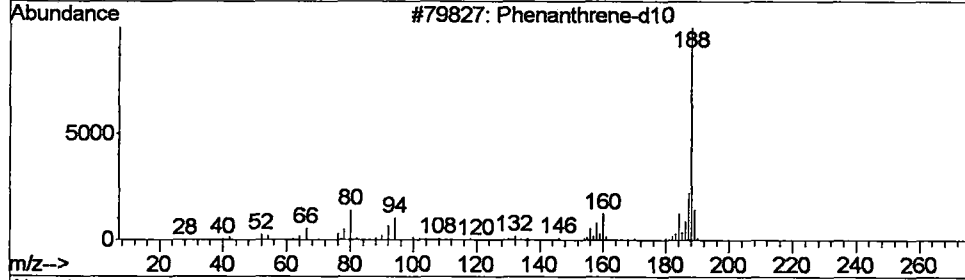
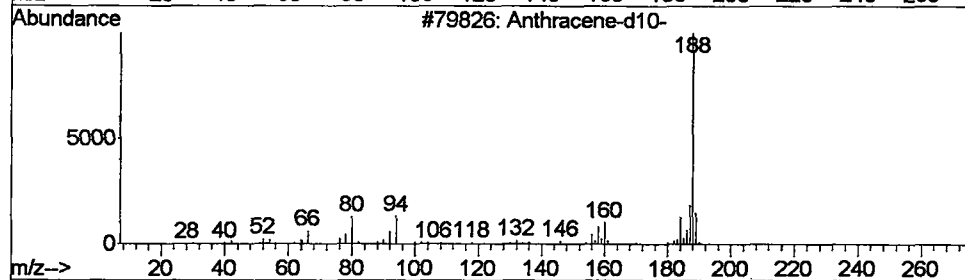
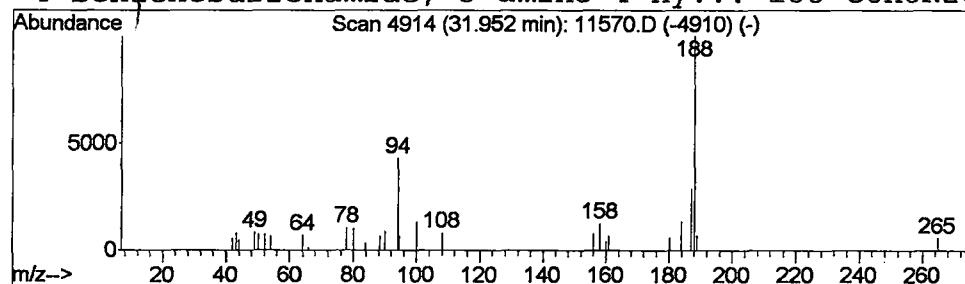
Vial: 23
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 3 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.34 ug/l	33502	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene-d10-	188	C14D10	001719-06-8	42
2		Phenanthrene-d10	188	C14D10	001517-22-2	42
3		Benzaldehyde, 2,6-difluoro-4-hyd...	188	C8H6F2O3	1000116-28-9	12
4		Benzenesulfonamide, 3-amino-4-hy...	188	C6H8N2O3S	000098-32-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 22 May 2002 6:05 am
Data File: C:\MSDCHEM\1\DATA\020521\11570.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	14.0	ug/l	981124	1	11.38	2811190	40.0
- Thiazole, 2-(phen...	31.09	0.3	ug/l	25343	4	31.72	3900450	40.0
- Anthracene-d10-	31.95	0.3	ug/l	33502	4	31.72	3900450	40.0