

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/06/2002 Time: 13:57:33

Sample: AE08428
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/6/02 13:57 Ended: 5/6/02 13:57 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		70		10.0

Comments for Sample AE08428 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-06-2002 Time: 13:57:58

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\08428.D
Acq On : 19 Apr 2002 9:55 pm
Sample : sample
Misc :
MS Integration Params: EVENTS.E
Quant Time: Apr 22 07:59:21 2002

Vial: 15
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 07:58:45 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	11807697	40.00	ug/l	-0.05
10) Naphthalene-d8	16.54	136	45318391	40.00	ug/l	-0.07
17) Acenaphthene-d10	24.46	164	24850742	40.00	ug/l	-0.06
31) Phenanthrene-d10	31.72	188	37079712	40.00	ug/l	-0.05
39) Chrysene-d12	39.94	240	28381524	40.00	ug/l	-0.07
45) Perylene-d12	43.16	264	20078098	40.00	ug/l	-0.04

System Monitoring Compounds

28) TCMX	27.54	207	863970	5.60	ug/l	-0.08
Spiked Amount	8.000		Recovery	=	70.00%	

Target Compounds

						Qvalue
36) Di-n-butylphthalate	34.81	149	122406	0.09	ug/l	92
44) Bis(2-ethylhexyl)phthalate	40.53	149	44842	0.06	ug/l	85

(#) = qualifier out of range (m) = manual integration (+) = signals summed
08428.D SCAN020418.M Fri Apr 26 14:51:06 2002 Page 1

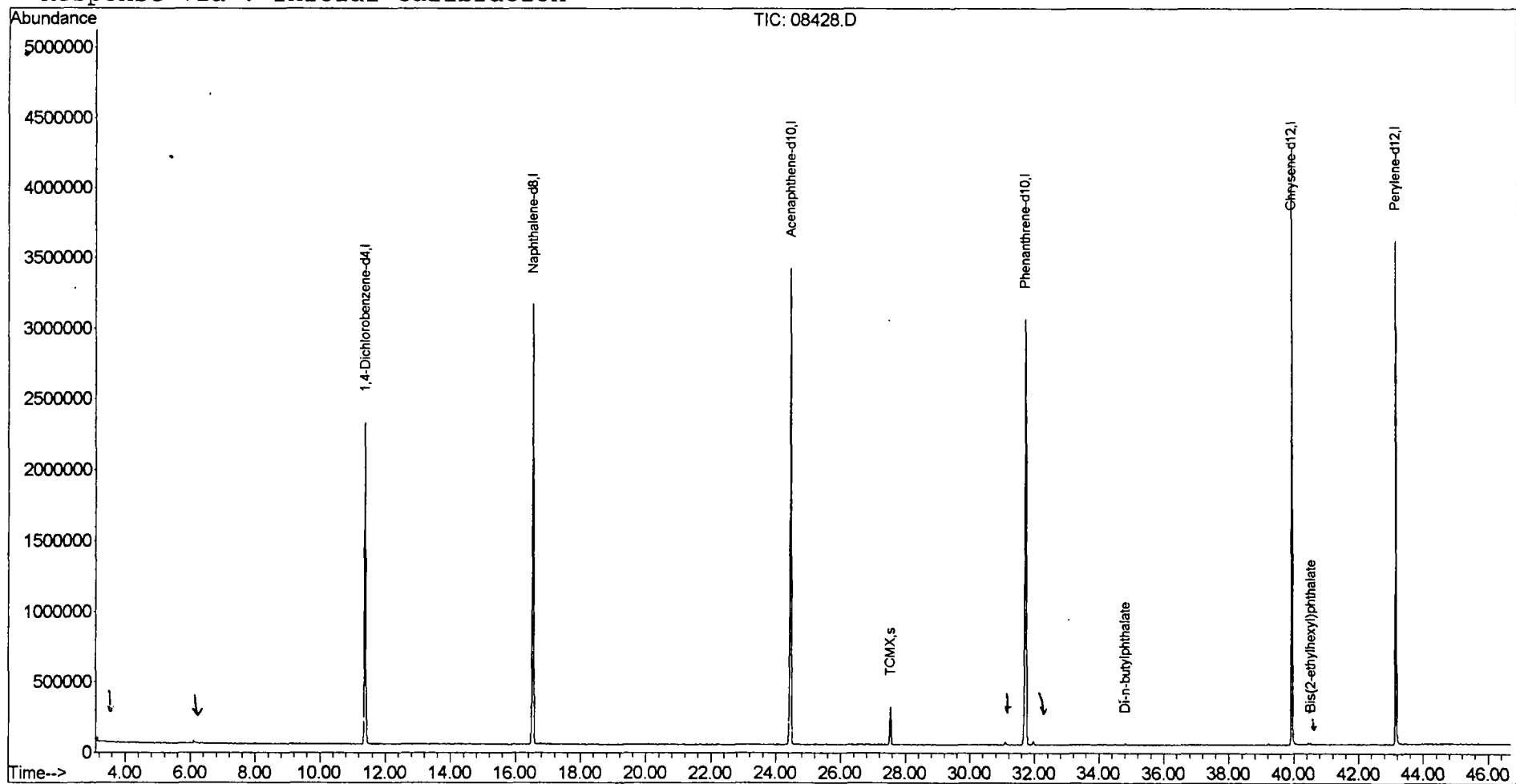
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020419\08428.D
 Acq On : 19 Apr 2002 9:55 pm
 Sample : sample
 Misc :
 MS Integration Params: EVENTS.E
 Quant Time: Apr 26 14:51 2002

Vial: 15
 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\08428.D

Acq On : 19 Apr 2002 9:55 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 15

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (RTE Integrator)

Title : Method 508 GC/MS Scan

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 5 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0.01

Peak Location: TOP

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

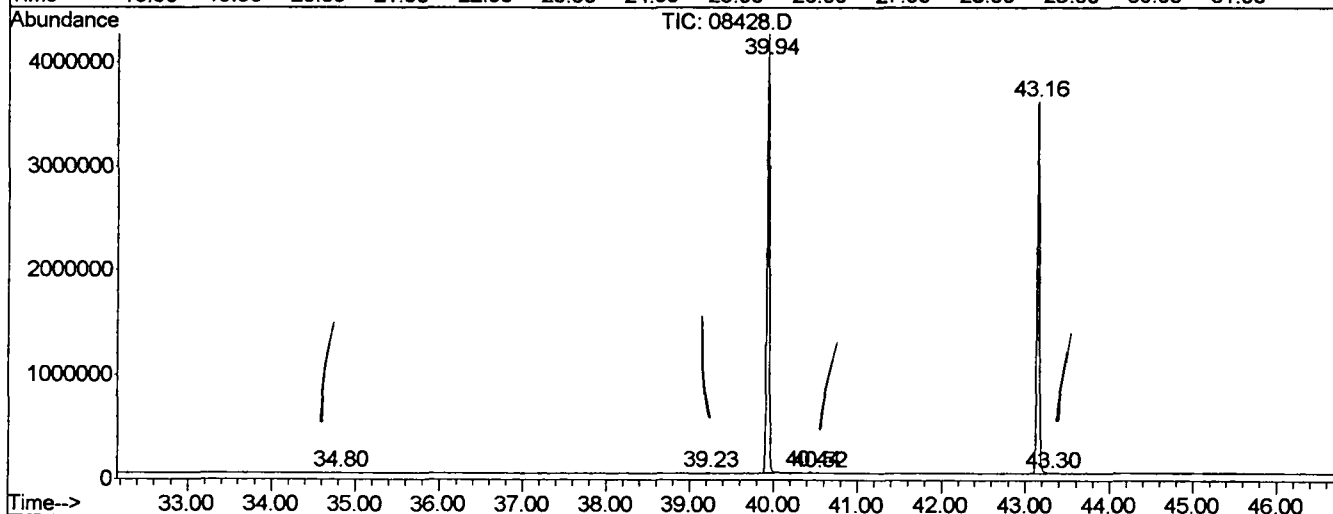
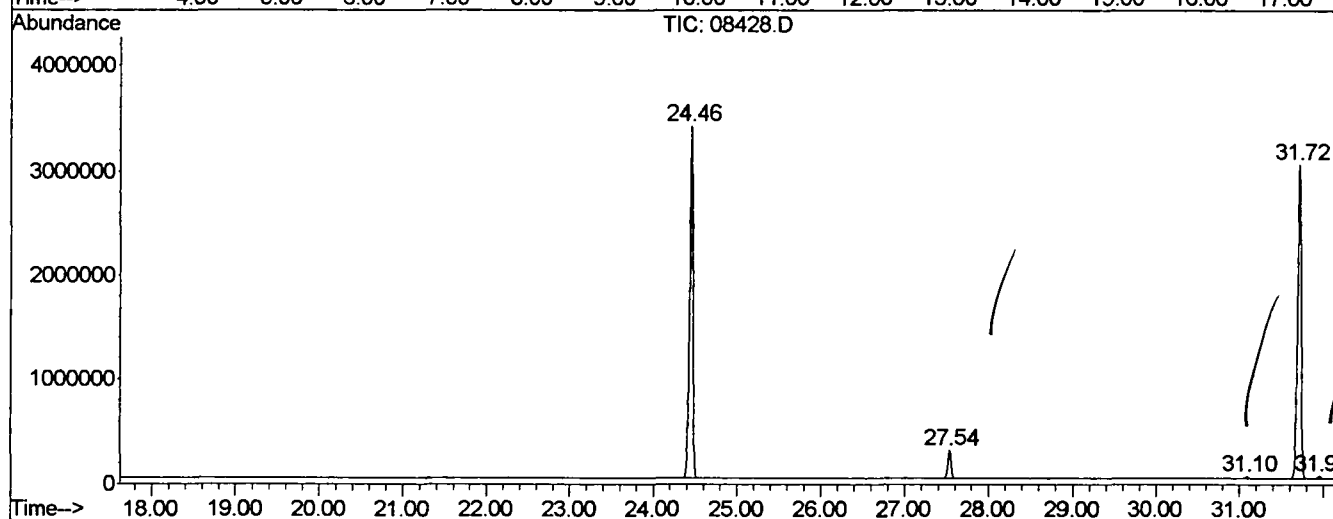
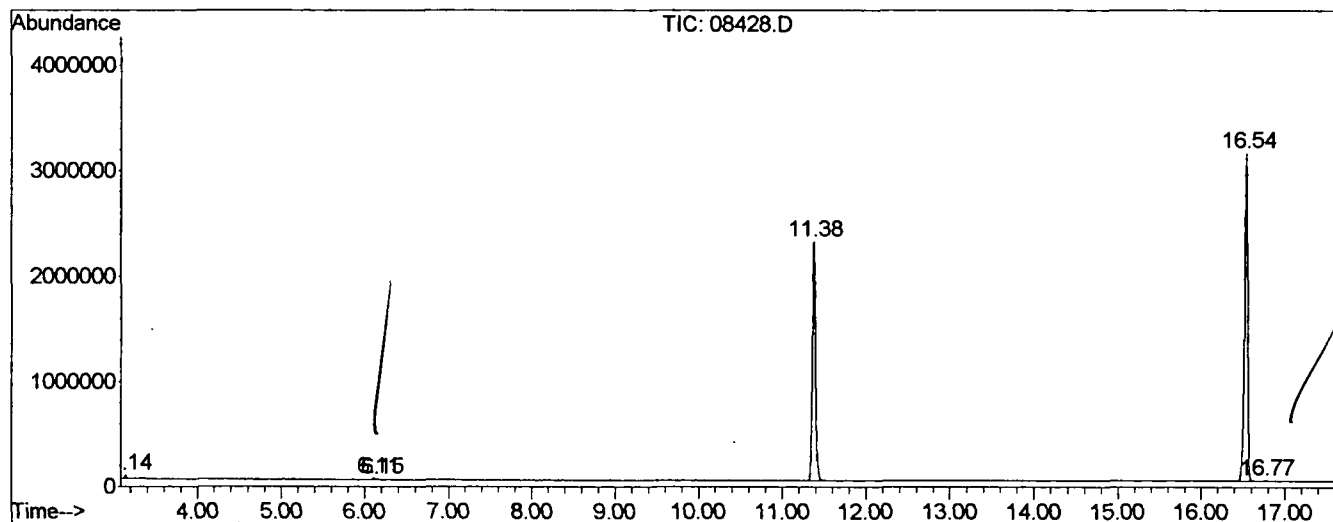
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.144	5	11	21	BV	2 29939	385014	0.41%	0.078%
2	6.105	507	515	522	PV	2 18191	399027	0.43%	0.081%
3	6.152	522	523	540	VV	4 8351	203670	0.22%	0.041%
4	11.375	1398	1412	1445	PV	2272732	59636628	63.86%	12.127%
5	16.540	2274	2291	2317	PV	3080774	82626641	88.48%	16.802%
6	16.763	2325	2329	2339	VB	9728	198615	0.21%	0.040%
7	24.460	3621	3639	3652	PV	3339730	93385092	100.00%	18.989%
8	27.539	4144	4163	4174	PV	2 268673	7330991	7.85%	1.491%
9	31.094	4757	4768	4778	VV	4 22193	675994	0.72%	0.137%
10	31.722	4854	4875	4888	PV	2 3001029	92725591	99.29%	18.855%
11	31.957	4906	4915	4923	VV	3 24983	641759	0.69%	0.130%
12	34.807	5392	5400	5407	PV	2 10351	215807	0.23%	0.044%
13	39.226	6147	6152	6158	PV	2 10504	199518	0.21%	0.041%
14	39.936	6260	6273	6289	BV	2 4150919	82644140	88.50%	16.805%
15	40.442	6346	6359	6367	PV	5 15394	416050	0.45%	0.085%
16	40.524	6367	6373	6378	VV	2 10773	214050	0.23%	0.044%
17	43.156	6809	6821	6843	PV	2 3492732	69803534	74.75%	14.194%
18	43.303	6843	6846	6852	VV	5341	75306	0.08%	0.015%

Sum of corrected areas: 491777427

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020419\08428.D
 Operator : Nefliu
 Acquired : 19 Apr 2002 9:55 pm using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 15
 Quant File :SCAN020418.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08428.D
 Acq On : 19 Apr 2002 9:55 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

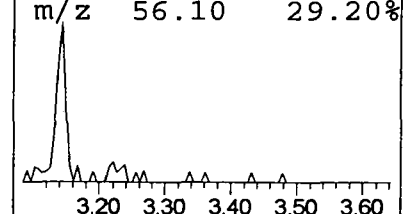
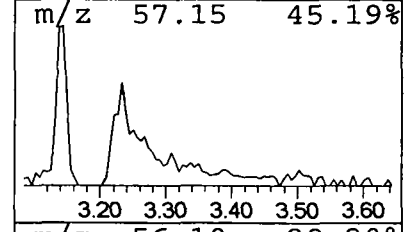
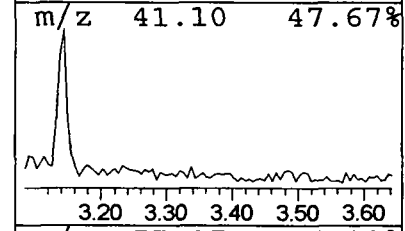
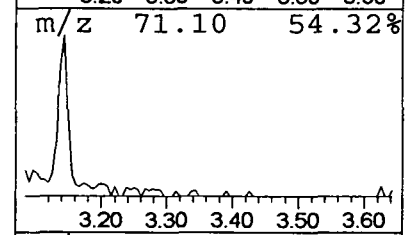
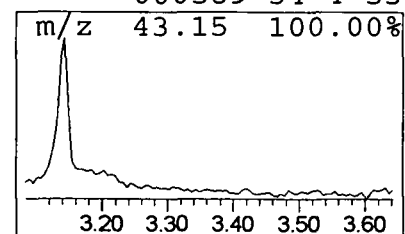
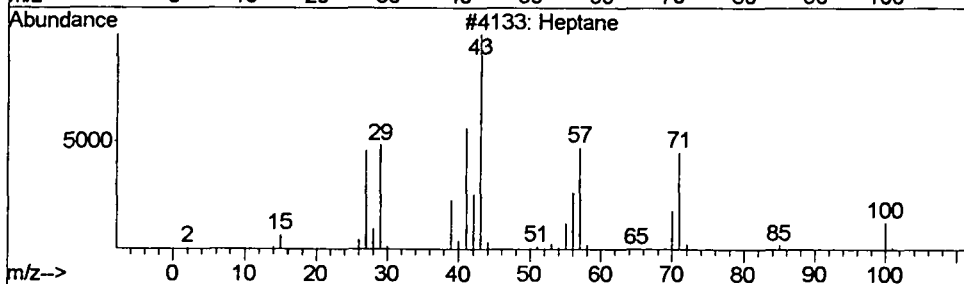
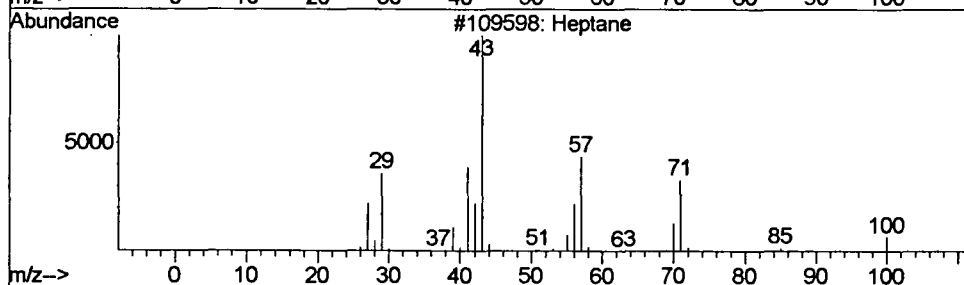
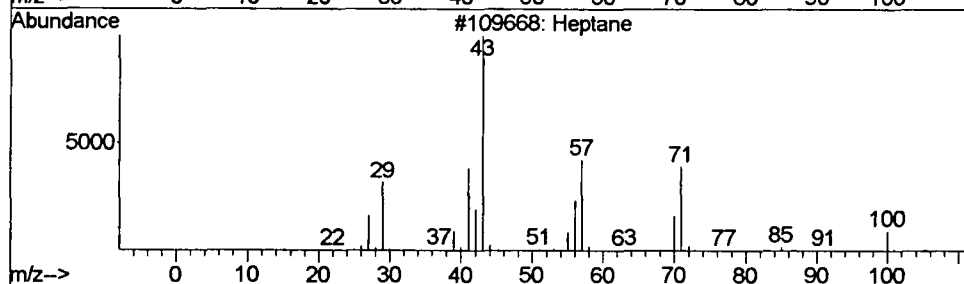
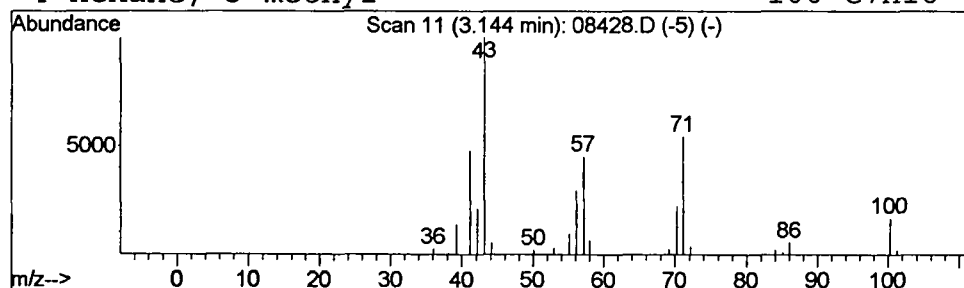
Vial: 15
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 1 Heptane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	0.26 ug/l	385014	1,4-Dichlorobenzene-d4	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane		100	C7H16	000142-82-5	91
2	Heptane		100	C7H16	000142-82-5	83
3	Heptane		100	C7H16	000142-82-5	72
4	Hexane, 3-methyl-		100	C7H16	000589-34-4	53



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08428.D
 Acq On : 19 Apr 2002 9:55 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

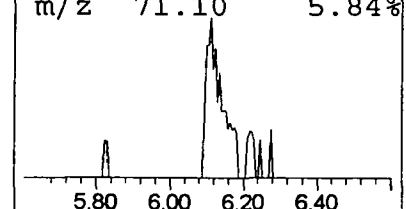
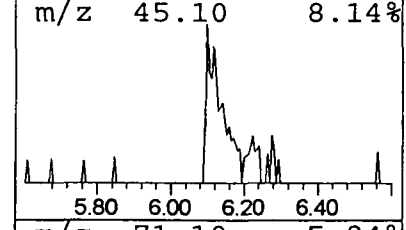
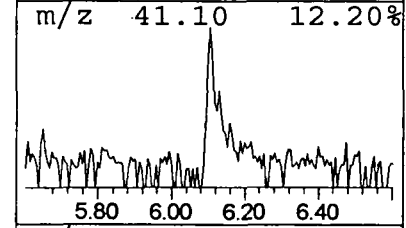
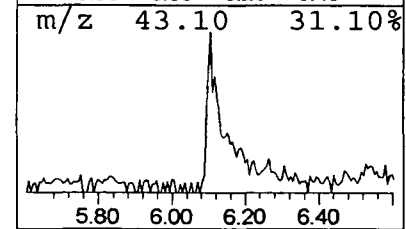
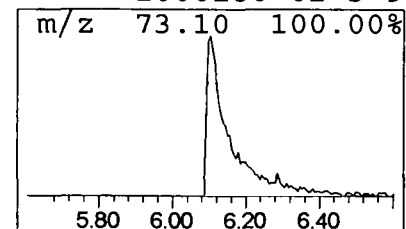
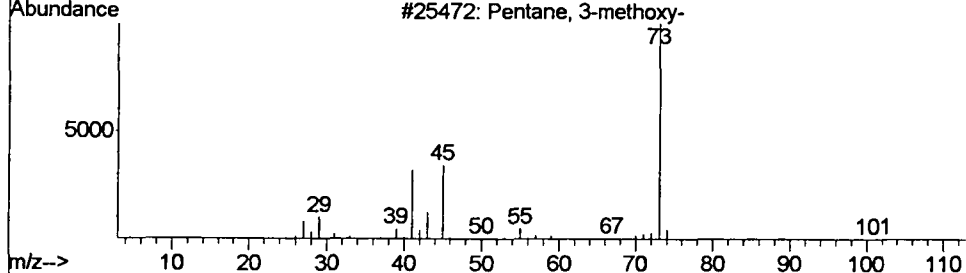
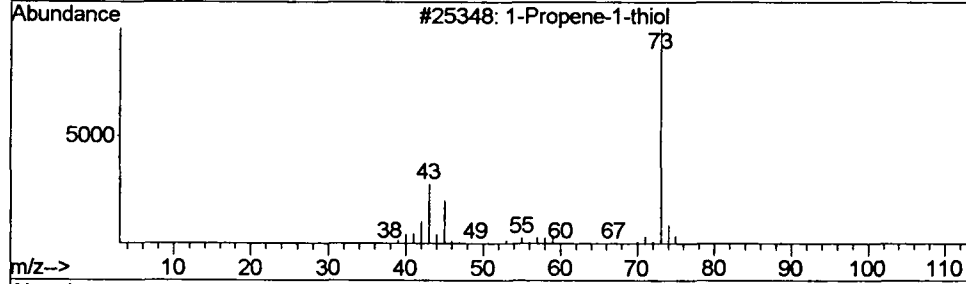
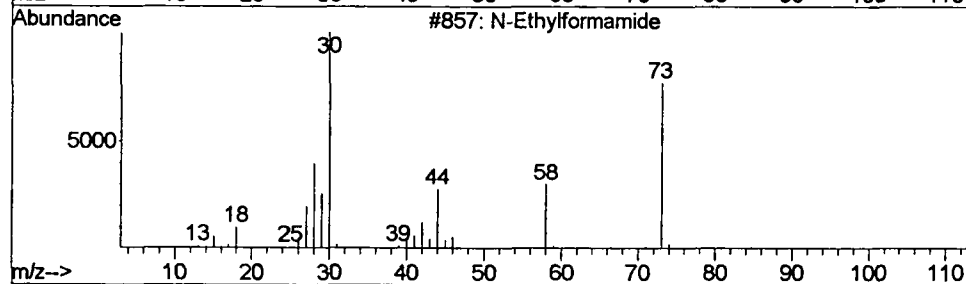
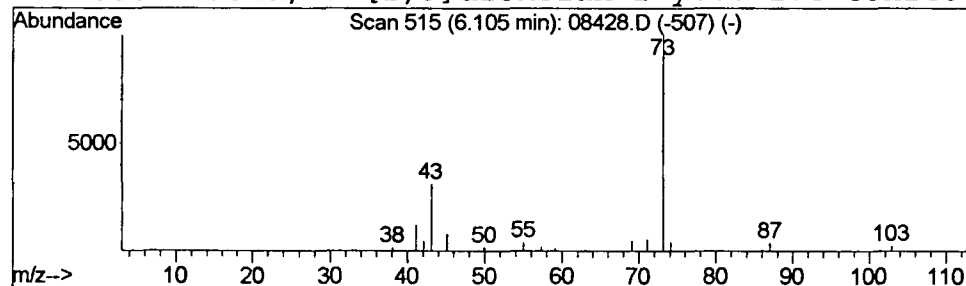
Vial: 15
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 2 N-Ethylformamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	0.27 ug/l	399027	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			N-Ethylformamide	73	C3H7NO	000627-45-2	9
2			1-Propene-1-thiol	74	C3H6S	000925-89-3	9
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4			Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08428.D
 Acq On : 19 Apr 2002 9:55 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

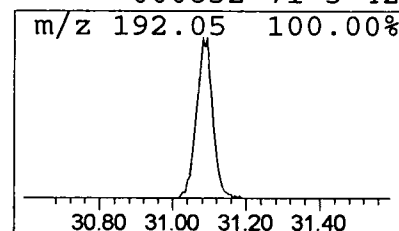
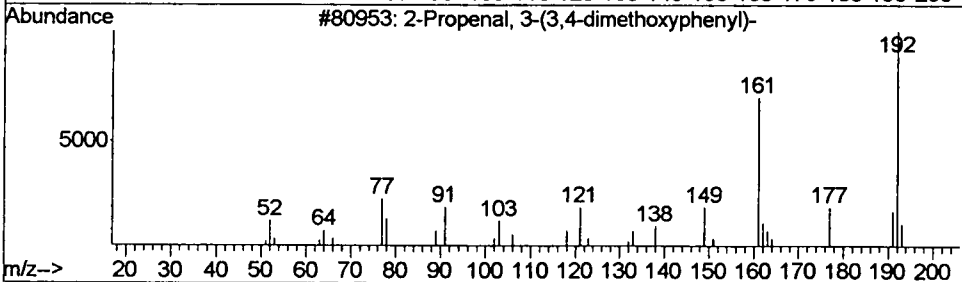
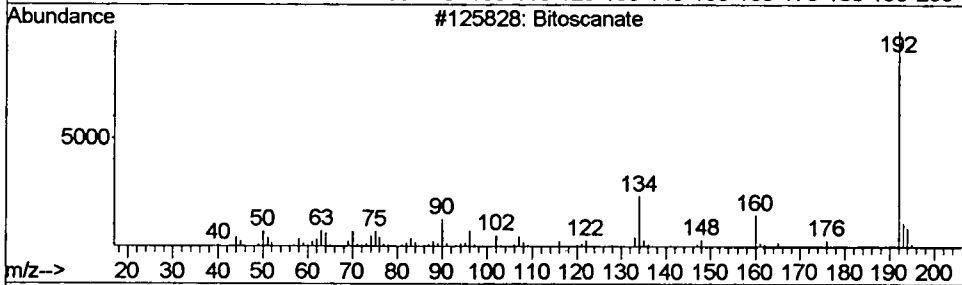
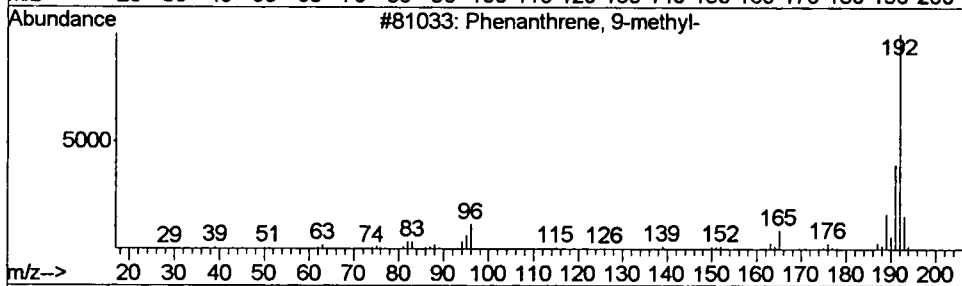
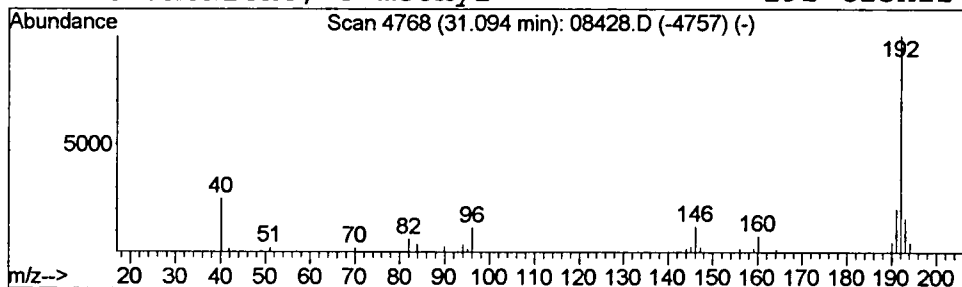
Vial: 15
 Operator: Nefliu
 Inst : Instrumen
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Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

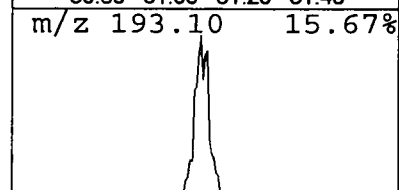
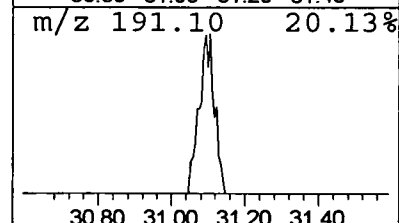
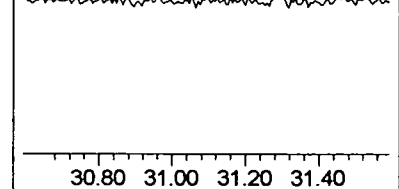
 Peak Number 3 Phenanthrene, 9-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.10	0.29 ug/l	675994	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	53
2		Bitoscanate	192	C8H4N2S2	004044-65-9	47
3		2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	45
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	42



m/z 40.10 25.15%



Library Search Compound Report

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Acq On : 19 Apr 2002 9:55 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

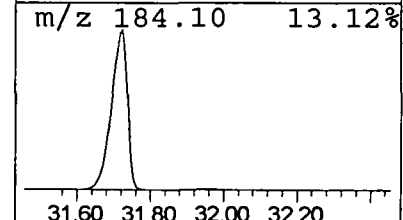
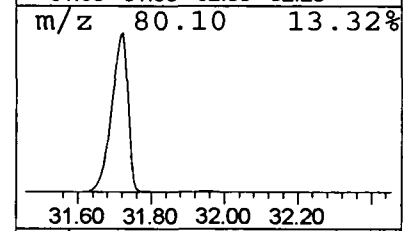
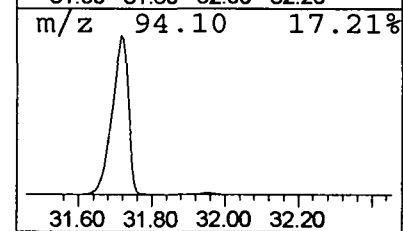
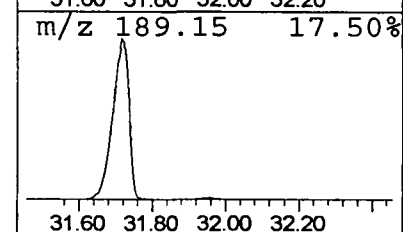
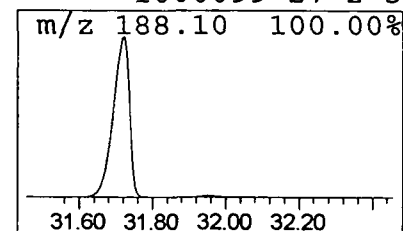
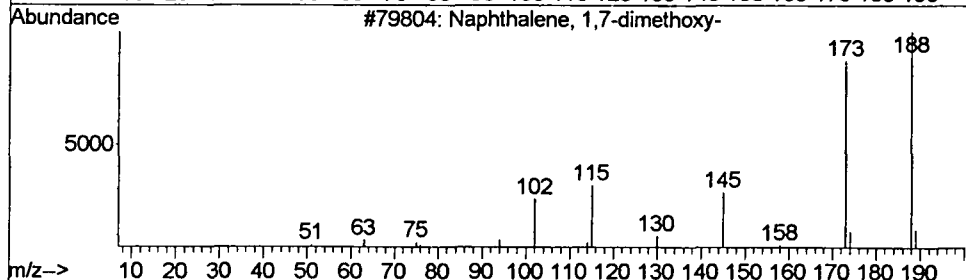
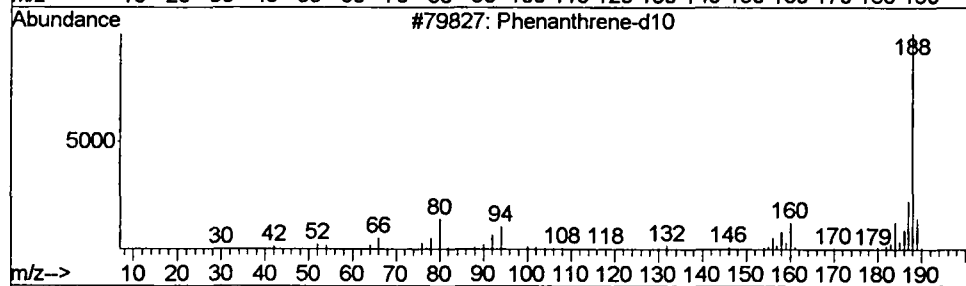
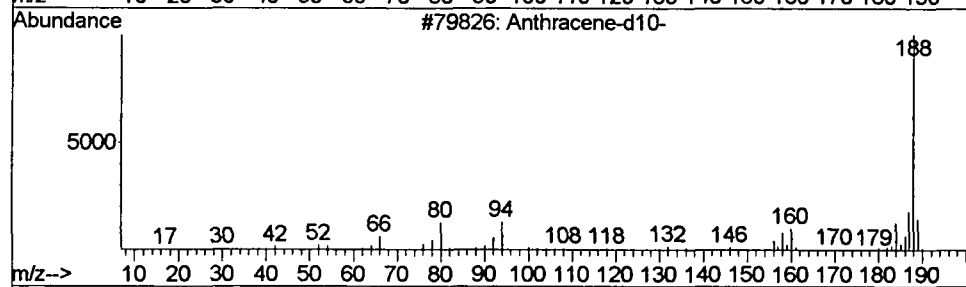
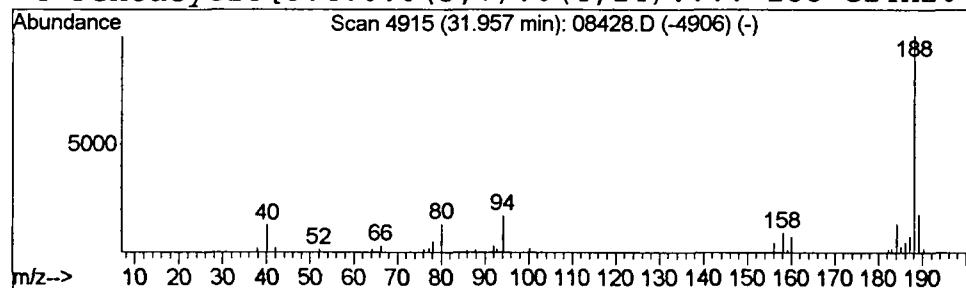
Vial: 15
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 4 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.28 ug/l	641759	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene-d10-	188	C14D10	001719-06-8	90
2			Phenanthrene-d10	188	C14D10	001517-22-2	40
3			Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	36
4			Pentacyclo[8.4.0.0(3,7).0(4,14)....	188	C14H20	1000099-27-2	36



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08428.D
 Acq On : 19 Apr 2002 9:55 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

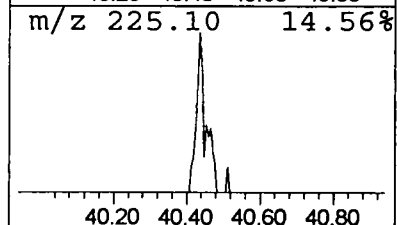
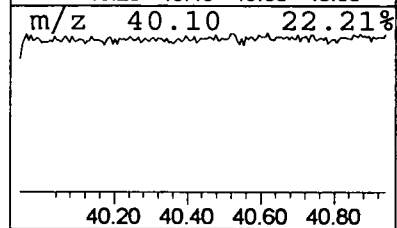
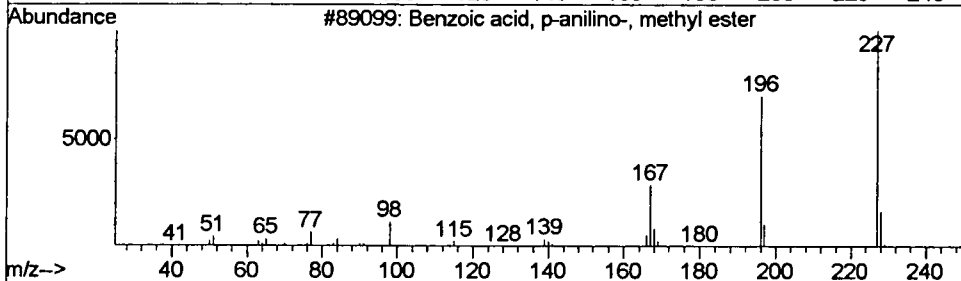
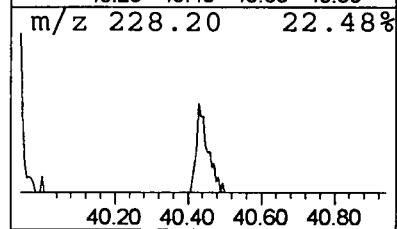
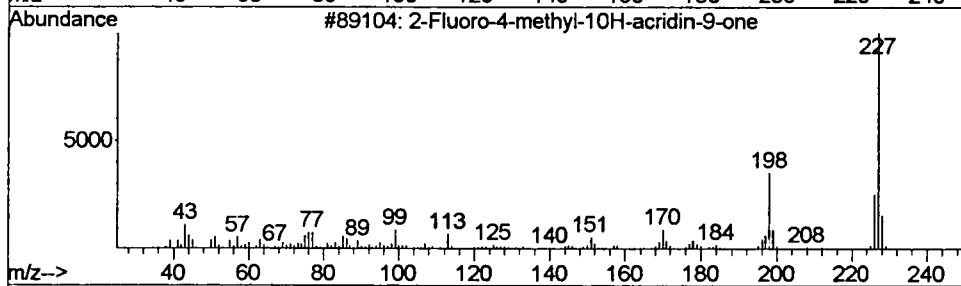
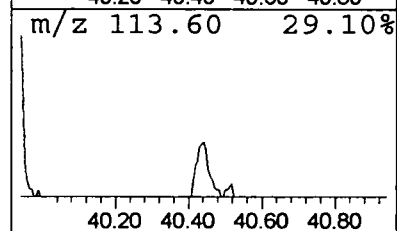
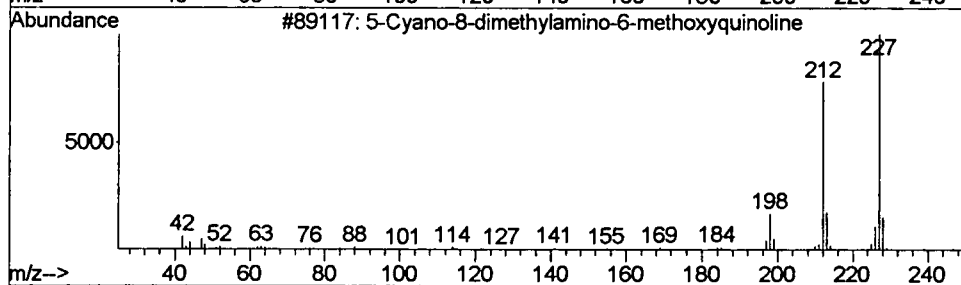
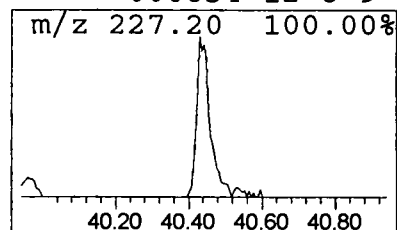
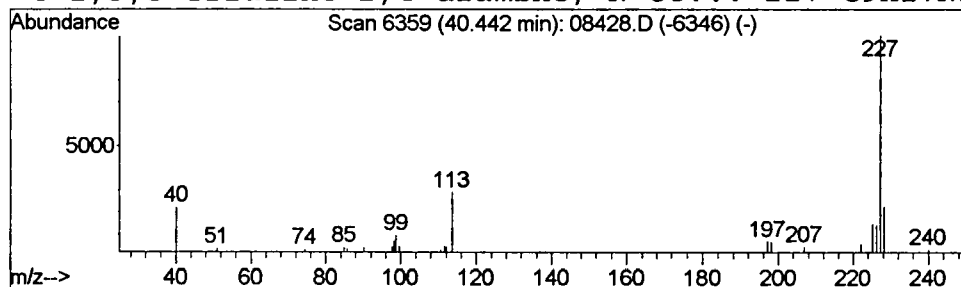
Vial: 15
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 5 5-Cyano-8-dimethylamino-6-m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.44	0.20 ug/l	416050	Chrysene-d12	39.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Cyano-8-dimethylamino-6-methox...	227	C13H13N3O	1000213-20-5	33
2		2-Fluoro-4-methyl-10H-acridin-9-one	227	C14H10FNO	1000210-25-9	33
3		Benzoic acid, p-anilino-, methyl...	227	C14H13NO2	004058-18-8	28
4		1,3,5-Triazine-2,4-diamine, N-et...	227	C9H17N5S	000834-12-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 19 Apr 2002 9:55 pm
Data File: C:\MSDCHEM\1\DATA\020419\08428.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
✓ Heptane	3.14	0.3	ug/l	385014	1	11.38	59636600	40.0
N-Ethylformamide	6.11	0.3	ug/l	399027	1	11.38	59636600	40.0
Phenanthrene, 9-m...	31.10	0.3	ug/l	675994	4	31.72	92725600	40.0
Anthracene-d10-	31.96	0.3	ug/l	641759	4	31.72	92725600	40.0
5-Cyano-8-dimethy...	40.44	0.2	ug/l	416050	5	39.94	82644100	40.0
→ Phenanthrene-d10								