

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/07/2002 Time: 10:18:10

Sample: AE08482
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/7/02 10:17 Ended: 5/7/02 10:17 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		75		10.0

Comments for Sample AE08482 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-07-2002 Time: 10:18:53

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\08482.D
 Acq On : 20 Apr 2002 1:51 am
 Sample : sample
 Misc :
 MS Integration Params: EVENTS.E
 Quant Time: Apr 26 15:07:52 2002

Vial: 19
 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	10948903	40.00	ug/l	-0.05
10) Naphthalene-d8	16.54	136	42078106	40.00	ug/l	-0.07
17) Acenaphthene-d10	24.46	164	23149722	40.00	ug/l	-0.06
30) Phenanthrene-d10	31.72	188	34206522	40.00	ug/l	-0.06
38) Chrysene-d12	39.93	240	24657458	40.00	ug/l	-0.08
44) Perylene-d12	43.15	264	17669170	40.00	ug/l	-0.04
System Monitoring Compounds						
27) TCMX	27.54	207	1074312	7.47	ug/l	-0.08
Spiked Amount	10.000		Recovery	=	74.70%	
Target Compounds						
35) Di-n-butylphthalate	34.81	149	102576	0.09	ug/l	98
43) Bis(2-ethylhexyl)phthalate	40.52	149	94986	0.15	ug/l	88

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 08482.D SCAN020418.M Fri Apr 26 15:09:49 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020419\08482.D

Vial: 19

Acq On : 20 Apr 2002 1:51 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: EVENTS.E

Quant Time: Apr 26 15:09 2002

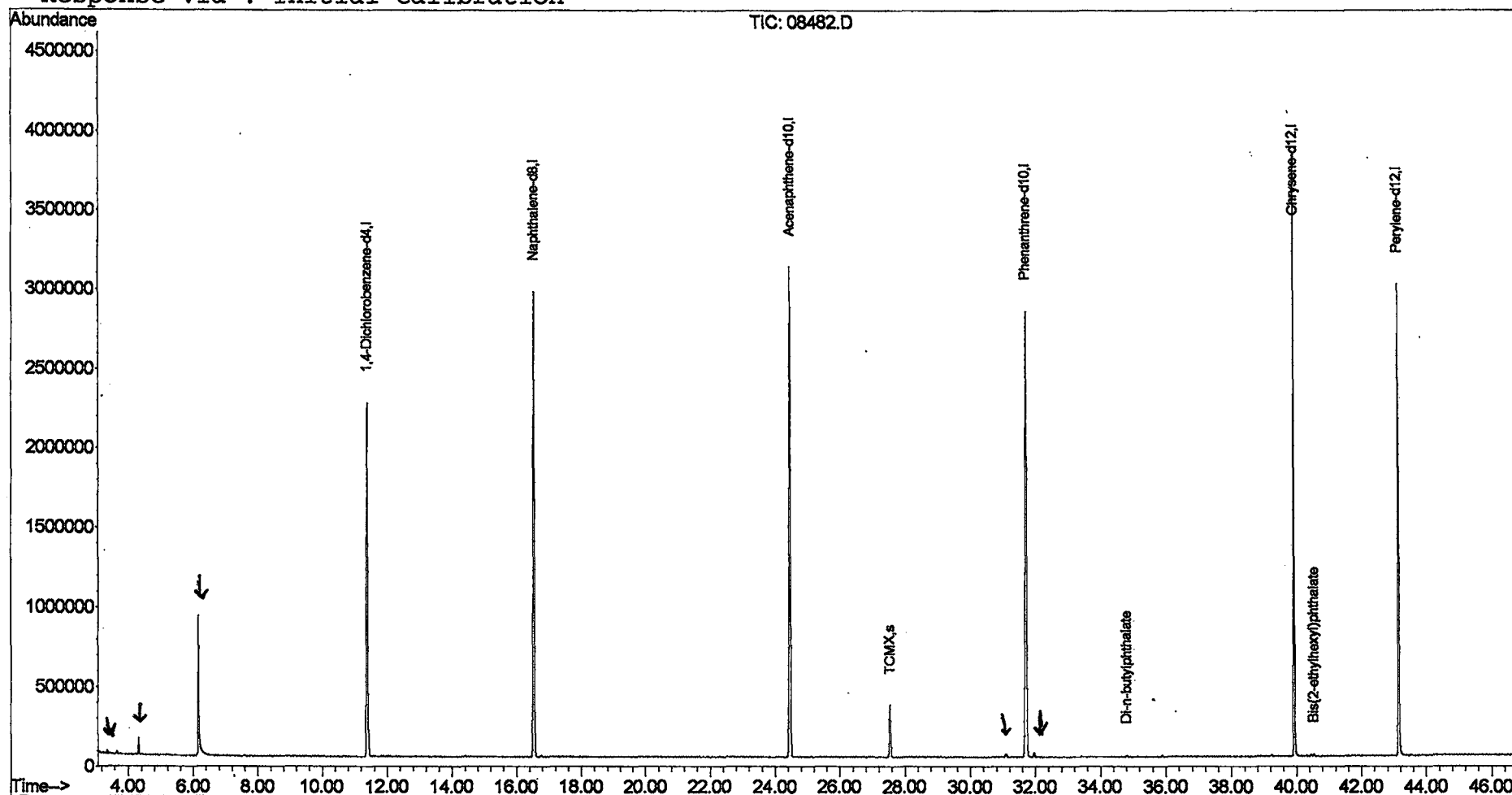
Quant Results File: SCAN020418.RES

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\08482.D
 Acq On : 20 Apr 2002 1:51 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

Vial: 19
 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

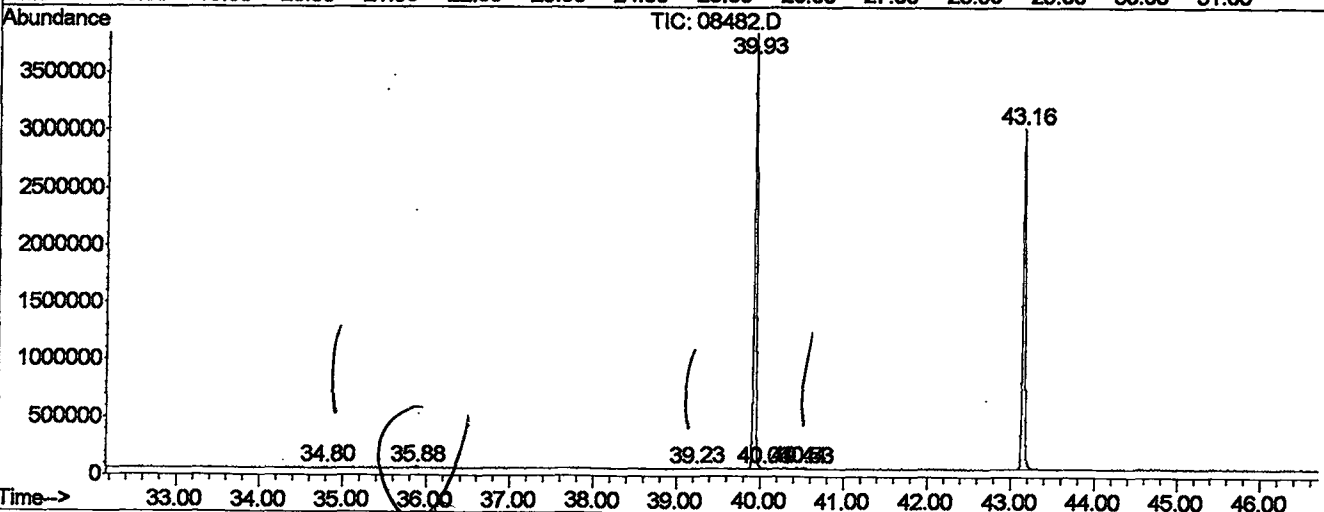
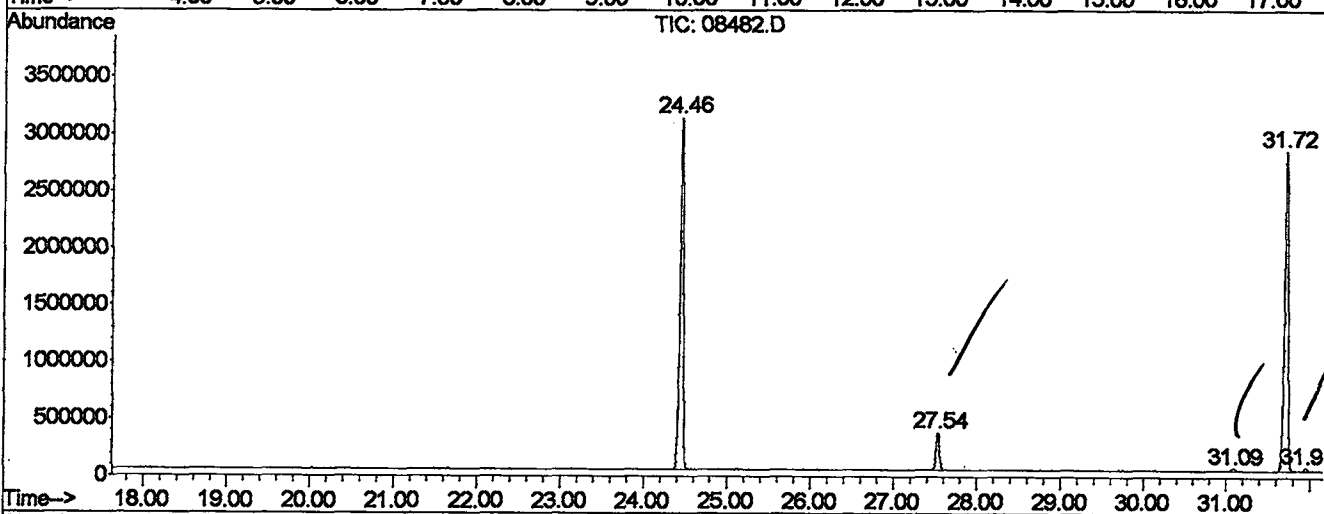
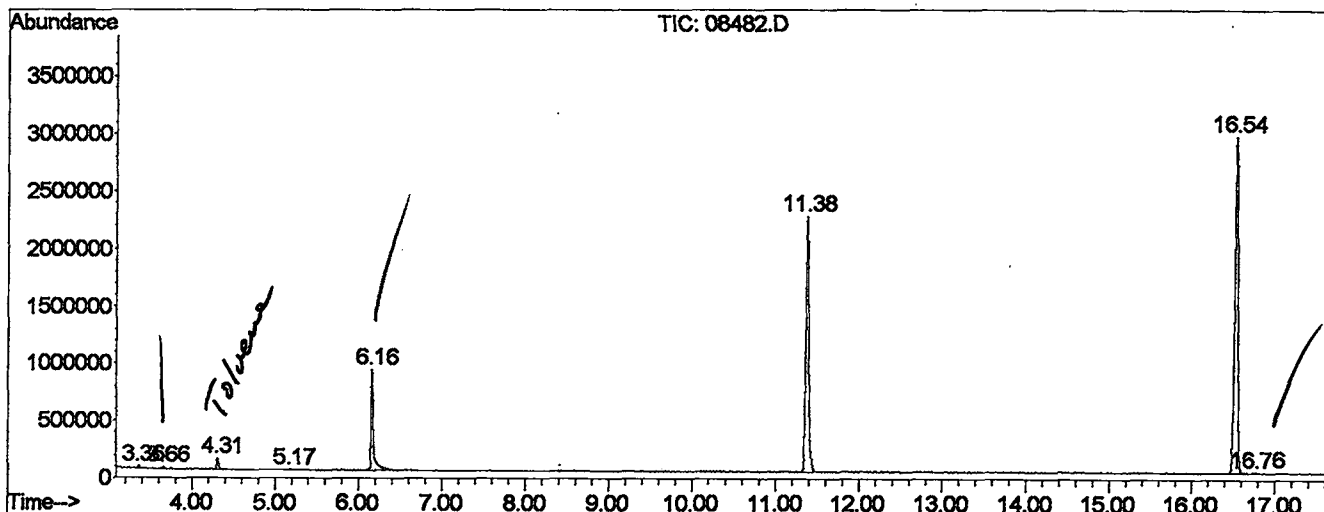
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.361	45	48	51	VV	2 23359	250586	0.29%	0.053%
2	3.661	82	99	110	PV	2 20054	385496	0.44%	0.082%
3	4.307	201	209	220	PV	100028	1433223	1.65%	0.305%
4	5.171	354	356	360	VV	4 6008	77924	0.09%	0.017%
5	6.158	515	524	563	PV	868528	17753146	20.48%	3.778%
6	11.375	1400	1412	1434	PV	2205883	55160088	63.62%	11.739%
7	16.534	2270	2290	2310	VV	2899038	76670694	88.43%	16.317%
8	16.763	2316	2329	2340	PV	2 9851	328441	0.38%	0.070%
9	24.460	3622	3639	3658	PV	3089494	86705818	100.00%	18.453%
10	27.539	4142	4163	4174	PV	2 326234	9172605	10.58%	1.952%
11	31.088	4756	4767	4776	VV	3 22996	736271	0.85%	0.157%
12	31.717	4857	4874	4895	VV	2 2795850	85510809	98.62%	18.198%
13	31.952	4907	4914	4924	VV	5 27245	733203	0.85%	0.156%
14	34.807	5392	5400	5406	PV	9805	199651	0.23%	0.042%
15	35.882	5577	5583	5591	VV	3 13586	269754	0.31%	0.057%
16	39.226	6144	6152	6158	PV	4 9359	206204	0.24%	0.044%
17	39.931	6260	6272	6288	PV	2 3723013	72178479	83.25%	15.361%
18	40.031	6288	6289	6293	VV	8784	124754	0.14%	0.027%
19	40.442	6349	6359	6367	VV	4 13535	357694	0.41%	0.076%
20	40.530	6367	6374	6385	VV	3 13531	394667	0.46%	0.084%
21	43.156	6807	6821	6839	PV	2 3001372	61232359	70.62%	13.031%

Sum of corrected areas: 469881864

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020419\08482.D
Operator : Nefliu
Acquired : 20 Apr 2002 1:51 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 19
Quant File :SCAN020418.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08482.D
 Acq On : 20 Apr 2002 1:51 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

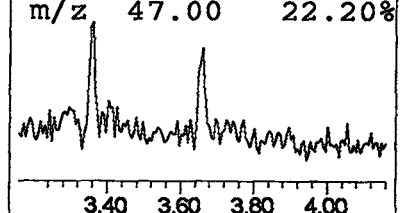
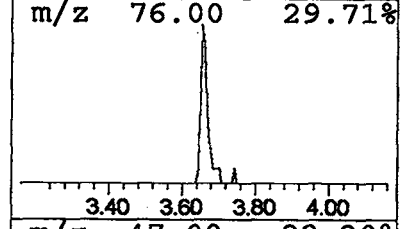
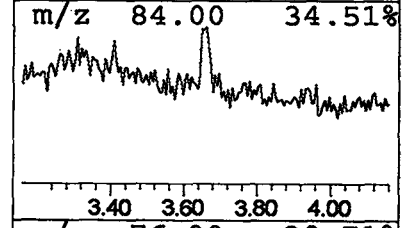
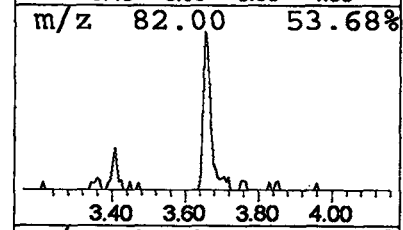
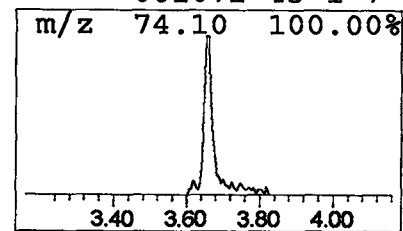
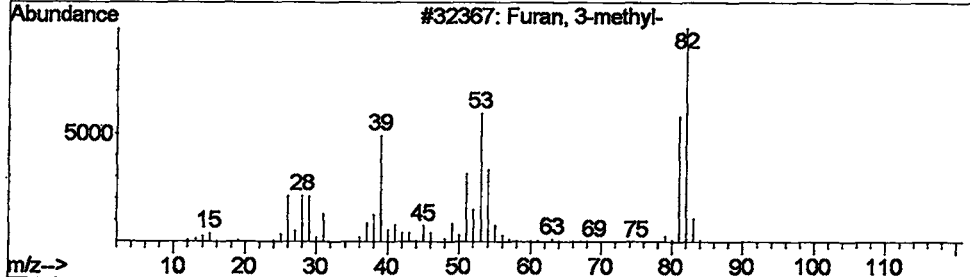
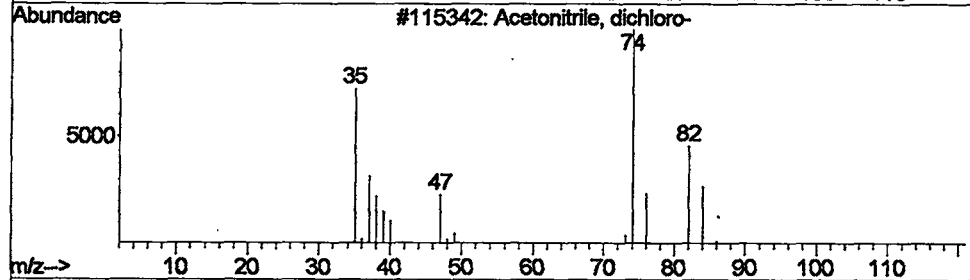
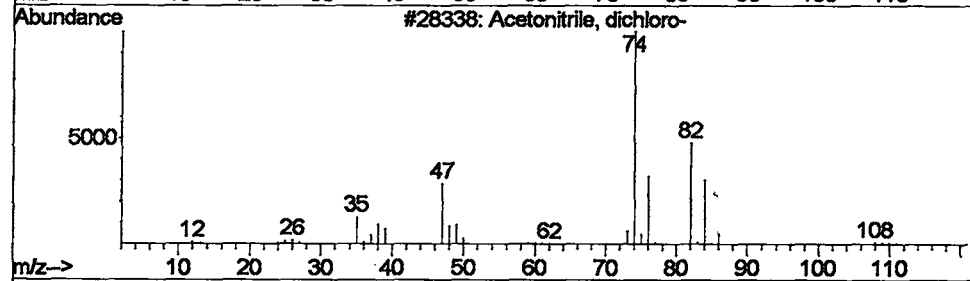
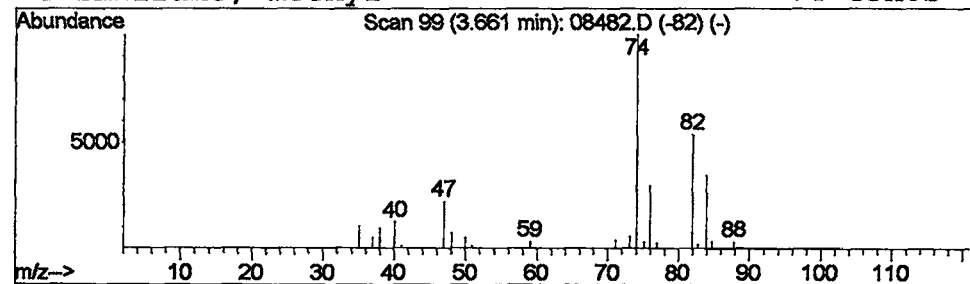
Vial: 19
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 1 Acetonitrile, dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.66	0.28 ug/l	385496	1,4-Dichlorobenzene-d4	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	83
2		Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	50
3		Furan, 3-methyl-	82	C5H6O	000930-27-8	7
4		Thiirane, methyl-	74	C3H6S	001072-43-1	7



Library Search Compound Report

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Acq On : 20 Apr 2002 1:51 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 19

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

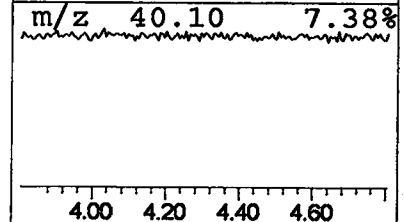
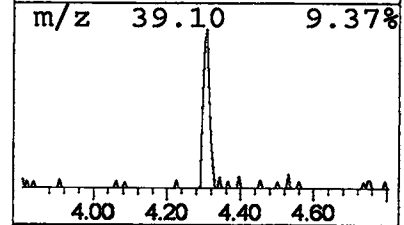
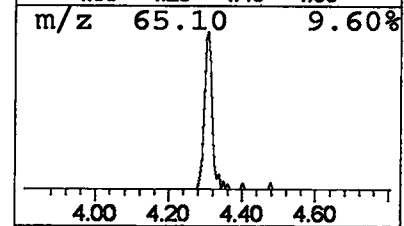
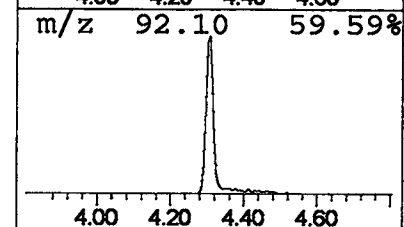
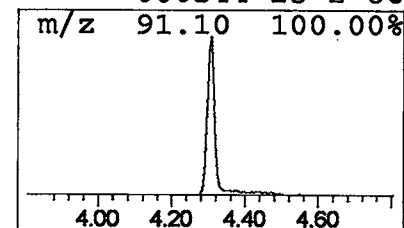
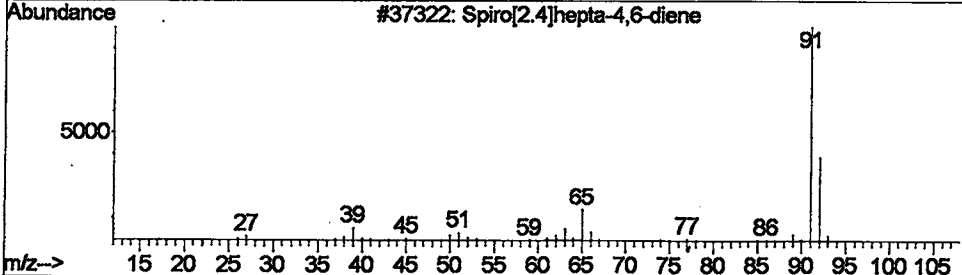
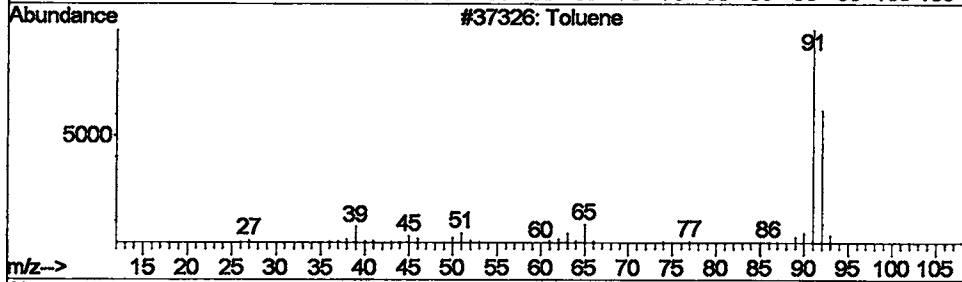
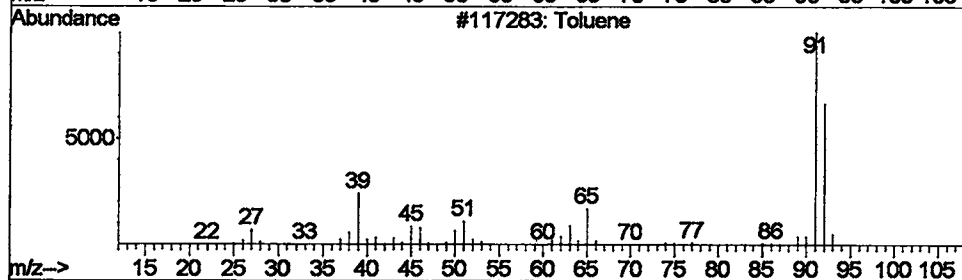
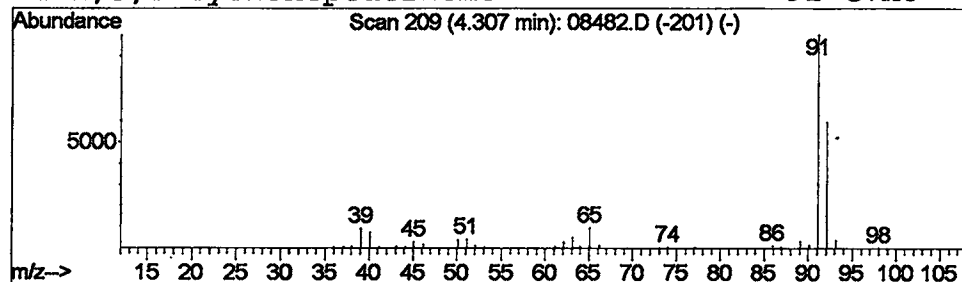
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 2 Toluene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.31	1.04 ug/l	1433220	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Toluene	92	C7H8	000108-88-3	91
2			Toluene	92	C7H8	000108-88-3	90
3			Spiro[2.4]hepta-4,6-diene	92	C7H8	000765-46-8	86
4			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	86



Library Search Compound Report

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Acq On : 20 Apr 2002 1:51 am
Sample : sample
Misc :
MS Integration Params: rteint.e

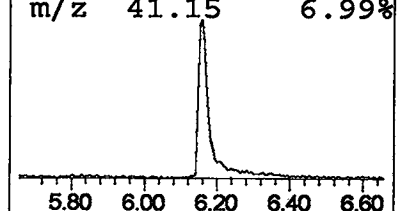
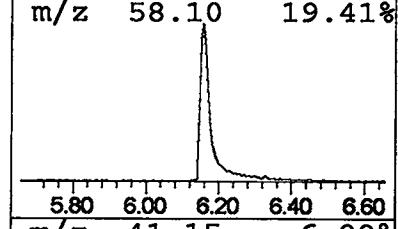
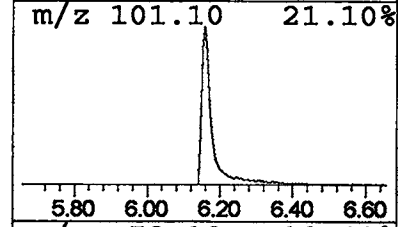
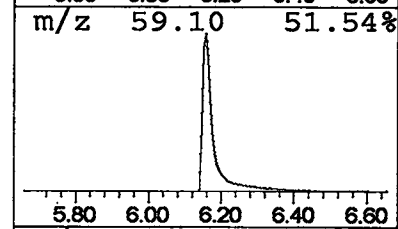
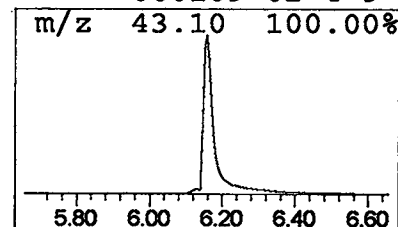
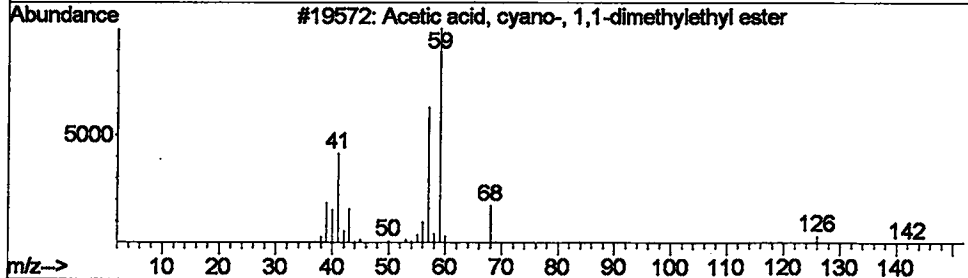
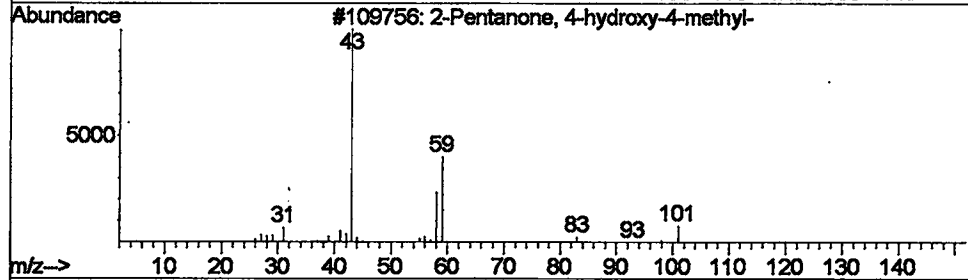
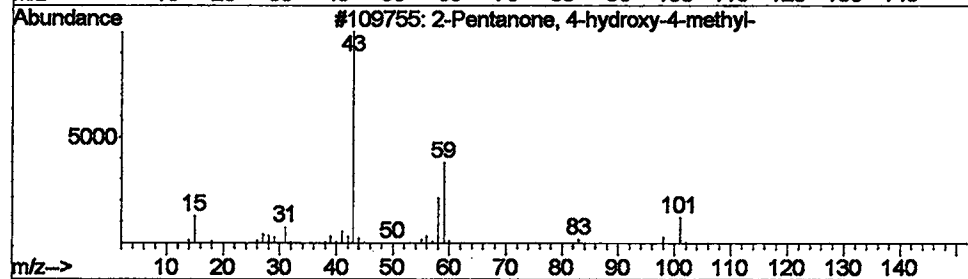
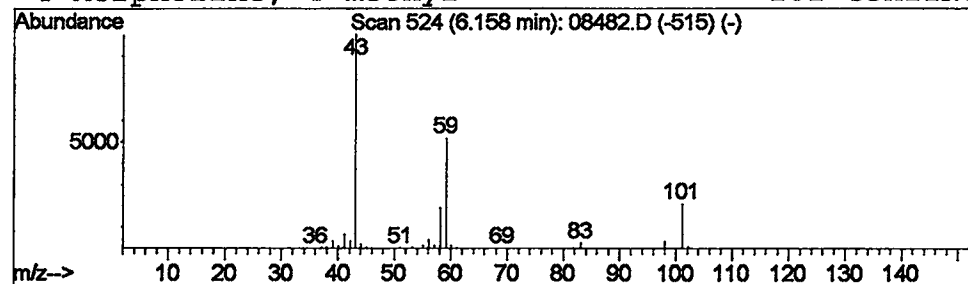
Vial: 19
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	12.87 ug/l	17753100	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	38
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Library Search Compound Report

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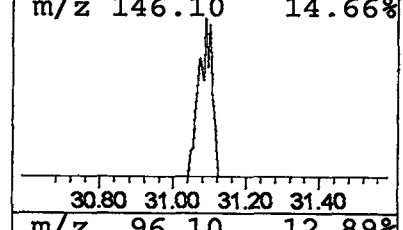
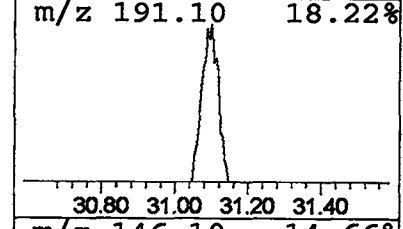
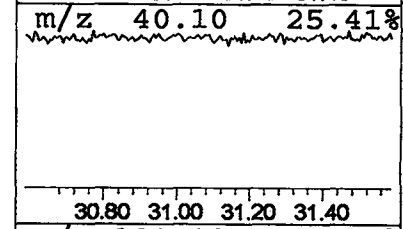
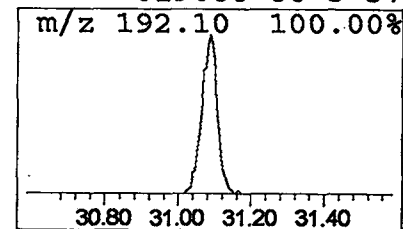
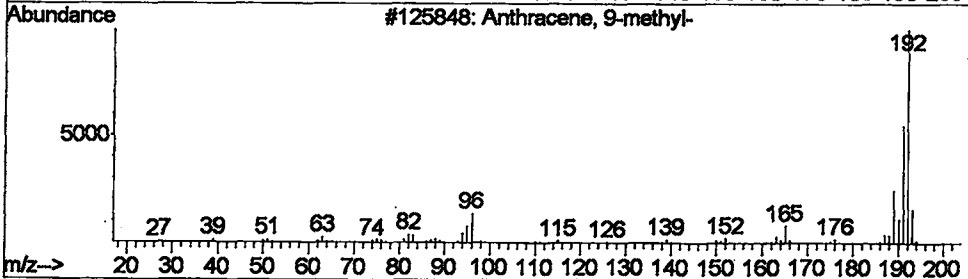
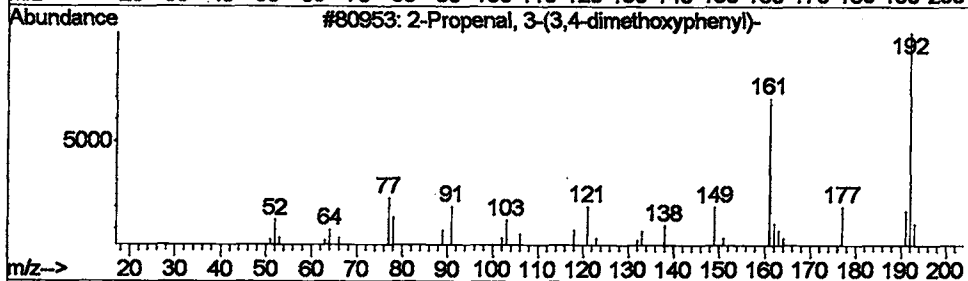
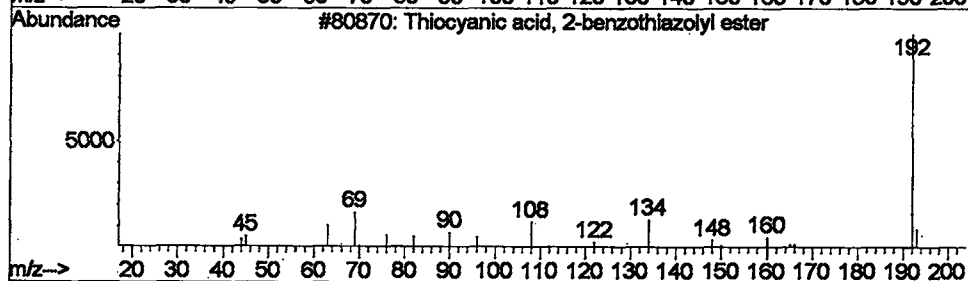
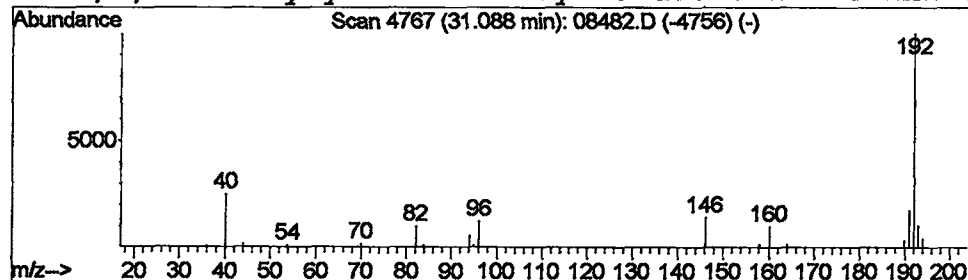
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 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 4 Thiocyanic acid, 2-benzothi... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.34 ug/l	736271	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	45
2			2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	40
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	40
4			6,2,5-Ethanylylidene-2H-cyclobut...	192	C11H12OS	019086-86-3	37



Library Search Compound Report

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Sample : sample
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MS Integration Params: rteint.e

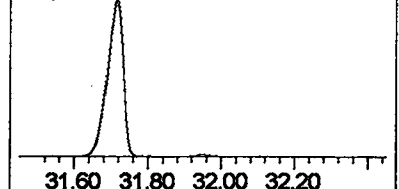
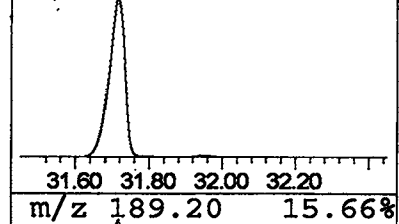
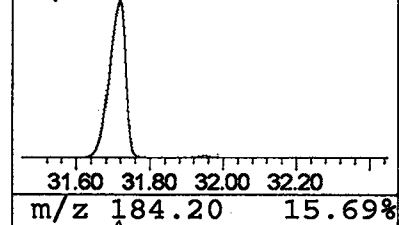
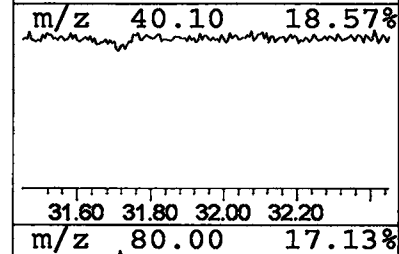
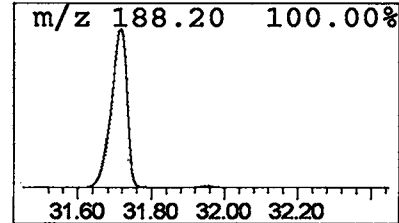
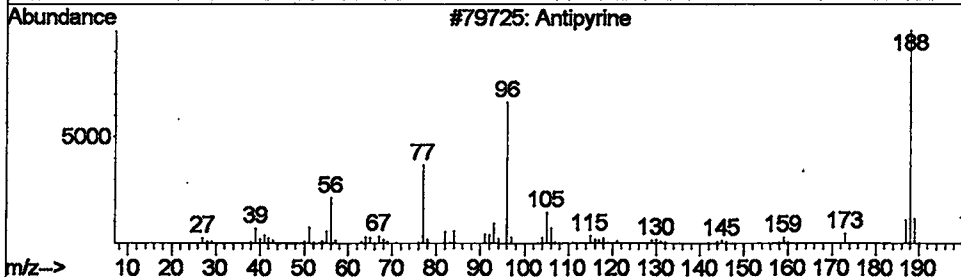
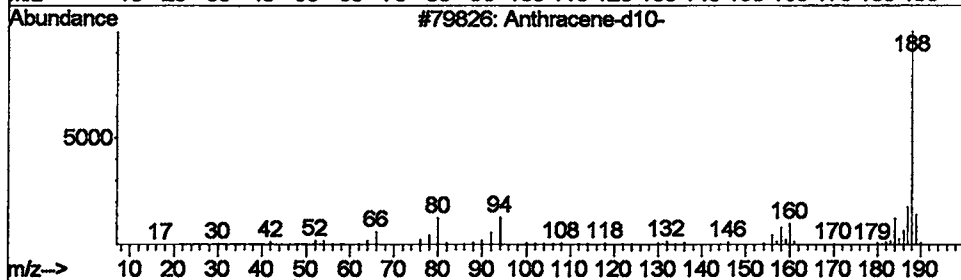
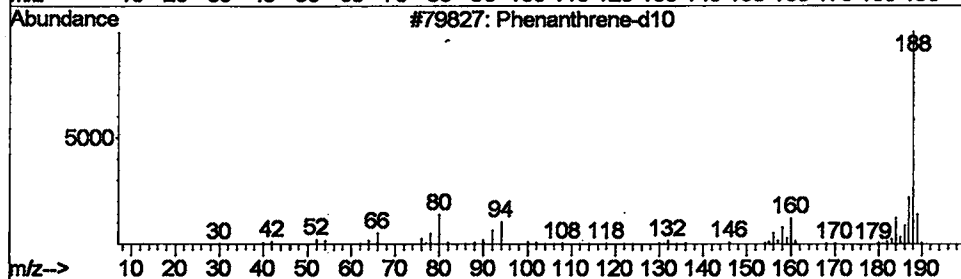
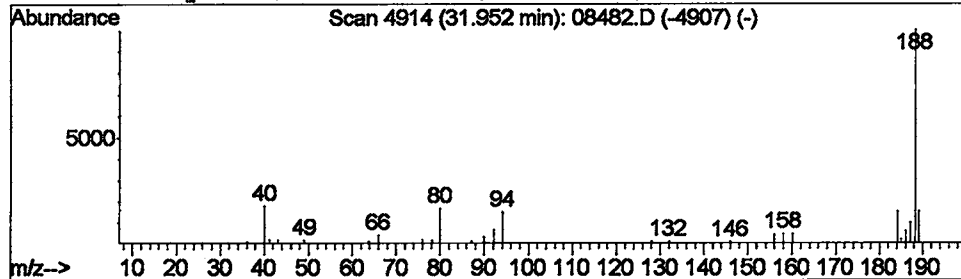
Vial: 19
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 5 Phenanthrene-d10 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.34 ug/l	733203	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene-d10	188	C14D10	001517-22-2	86
2		Anthracene-d10-	188	C14D10	001719-06-8	80
3		Antipyrine	188	C11H12N2O	000060-80-0	50
4		Pentacyclo[7.3.1.1.(4,12).0(2,7)...]	188	C14H20	1000215-61-8	45



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 20 Apr 2002 1:51 am
Data File: C:\MSDCHEM\1\DATA\020419\08482.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	#	RT	Resp	Conc
✓ Acetonitrile, dic...	3.66	0.3	ug/l	385496	1	11.38	55160100	40.0
✓ Toluene	4.31	1.0	ug/l	1433220	1	11.38	55160100	40.0
✓ 2-Pentanone, 4-hy...	6.16	12.9	ug/l	17753100	1	11.38	55160100	40.0
Thiocyanic acid, ...	31.09	0.3	ug/l	736271	4	31.72	85510800	40.0
✓ Phenanthrene-d10	31.95	0.3	ug/l	733203	4	31.72	85510800	40.0