

Jser: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/22/2002 Time: 10:54:29

Sample: AE11152
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/22/02 10:53 Ended: 5/22/02 10:53 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		88		10.0

omments for Sample AE11152 - Analysis \$GCMS

/estchester Dept. of Labs & Research

ser: Vinci, David L

ate: 05-22-2002 Time: 10:54:43

he GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual
ompounds.

he level for Bis(2-ethylhexyl)phthalate of 5.4 ug/l is probably due to
aboratory contamination, which was also observed in the Laboratory Blank anf
CS Standard.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020515\11152.D

Vial: 18

Acq On : 16 May 2002 4:35 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

Quant Time: May 16 08:39:59 2002

Quant Results File: SCAN020507.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)

Title : Method 508 GC/MS Scan

Last Update : Wed May 15 15:22:39 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	466648	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1749370	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	948810	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1613098	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1311109	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	809633	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.55	207	266810	35.20	ug/l	-0.02
Spiked Amount	40.000		Recovery	=	88.00%	

Target Compounds

43) Bis(2-ethylhexyl)phthalate	40.52	149	150639	5.36	ug/l	Qvalue 95
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(#) = qualifier out of range (m) = manual integration (+) = signals summed
11152.D SCAN020507.M Thu May 16 09:28:25 2002 Page 1

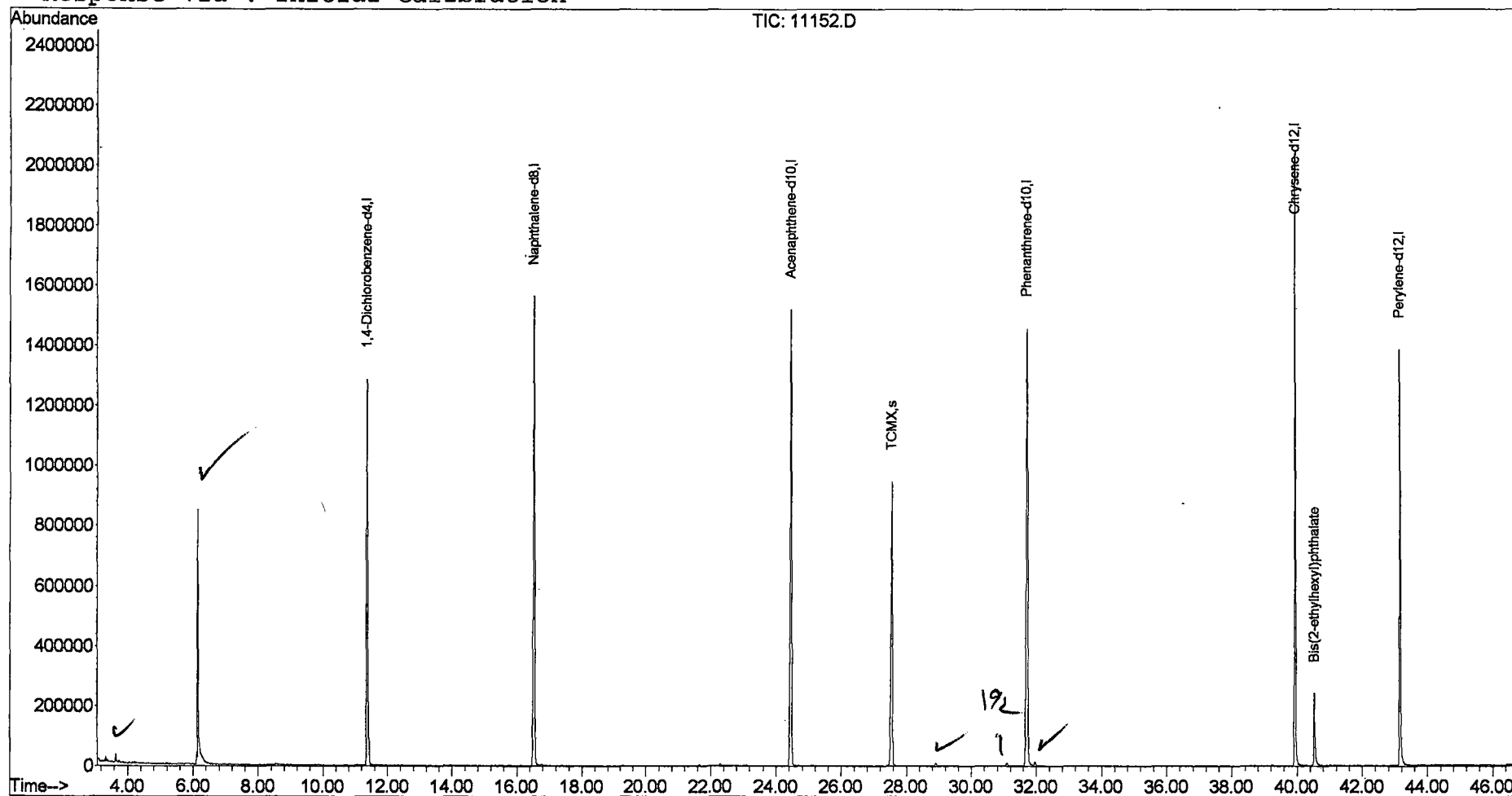
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020515\11152.D
 Acq On : 16 May 2002 4:35 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 16 9:28 2002

Vial: 18
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Results File: SCAN020507.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Last Update : Wed May 15 15:22:39 2002
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020515\11152.D

Acq On : 16 May 2002 4:35 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 18

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\SCAN020507.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

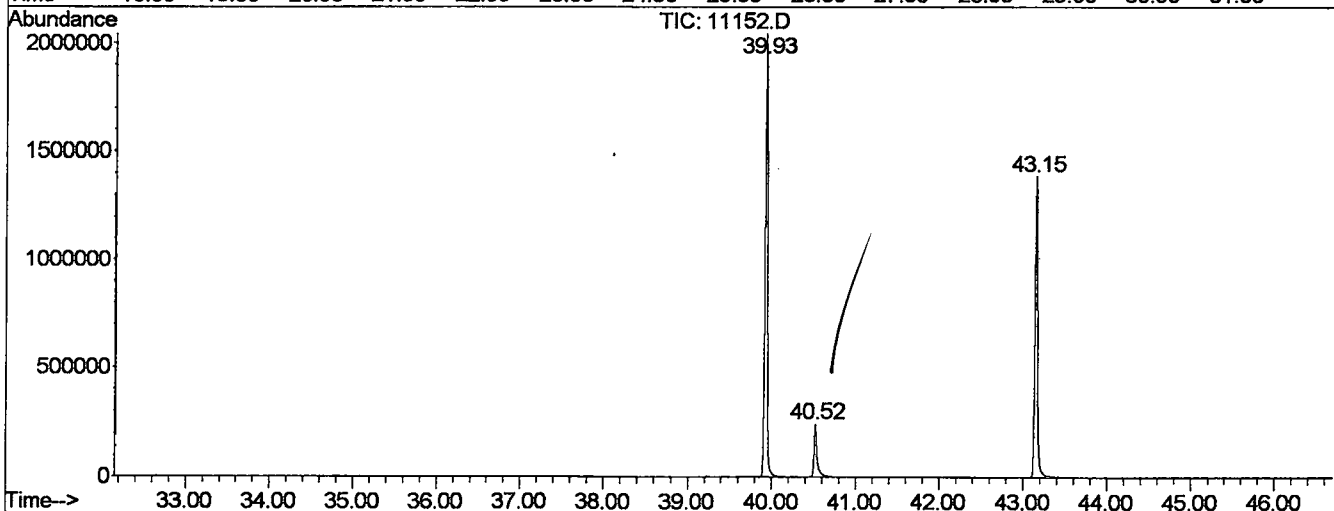
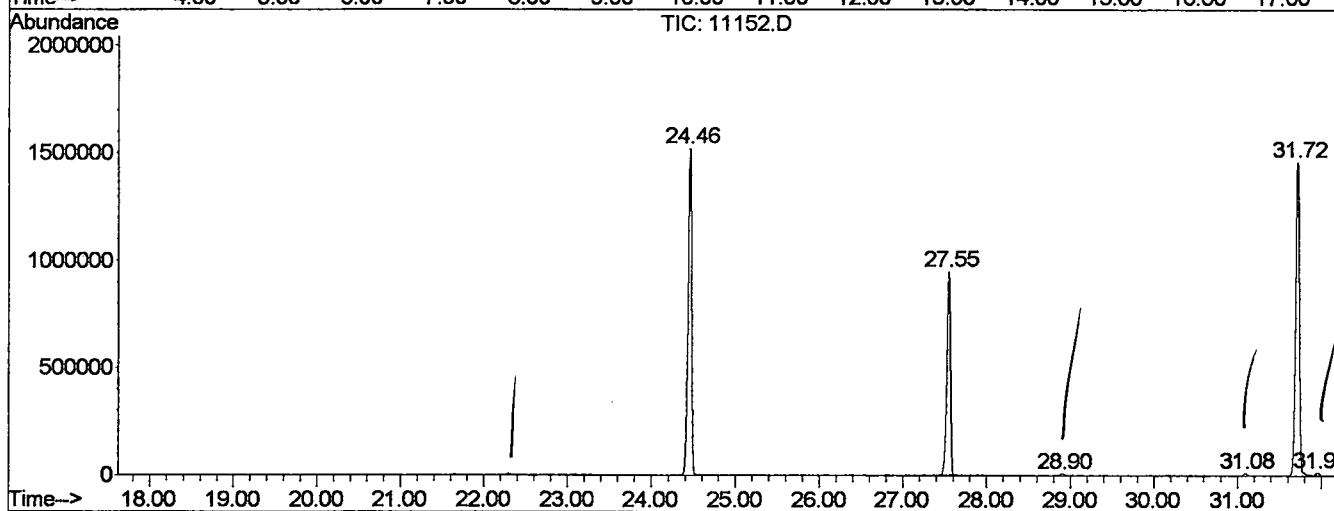
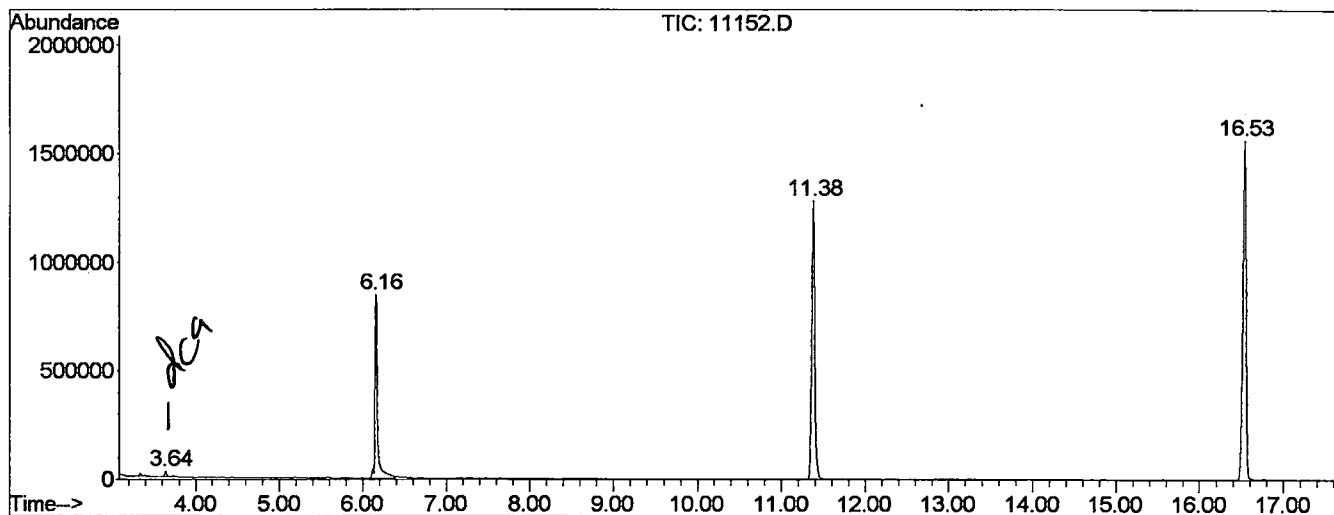
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.643	91	96	102	rVB	25956	33580	0.74%	0.119%
2	6.158	511	524	563	rBV	847964	1815183	39.91%	6.432%
3	11.375	1399	1412	1431	rBV	1285360	3223645	70.88%	11.423%
4	16.534	2275	2290	2314	rBV2	1564147	4076261	89.63%	14.445%
5	24.460	3620	3639	3655	rBV2	1521904	4250850	93.46%	15.063%
6	27.551	4142	4165	4177	rBV2	947906	2728587	59.99%	9.669%
7	28.902	4386	4395	4408	rBV8	9703	29647	0.65%	0.105%
8	31.082	4758	4766	4778	rBV4	11545	36789	0.81%	0.130%
9	31.717	4853	4874	4900	rBV2	1459233	4548080	100.00%	16.117%
10	31.963	4907	4916	4928	rVB3	13298	41602	0.91%	0.147%
11	39.931	6260	6272	6295	rBV2	2041823	3997422	87.89%	14.165%
12	40.518	6363	6372	6399	rBV	240803	601026	13.21%	2.130%
13	43.151	6809	6820	6840	rBV2	1386511	2837172	62.38%	10.054%

Sum of corrected areas: 28219844

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020515\11152.D
 Operator : Nefliu
 Acquired : 16 May 2002 4:35 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 18
 Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\11152.D

Acq On : 16 May 2002 4:35 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 18

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)

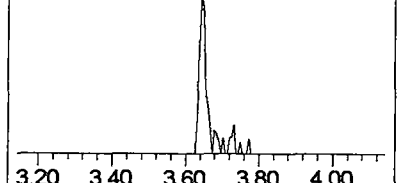
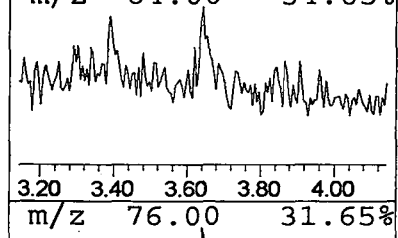
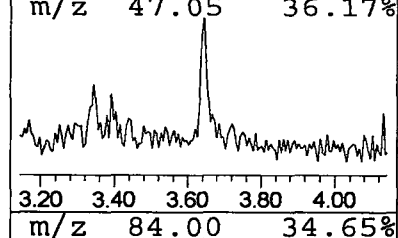
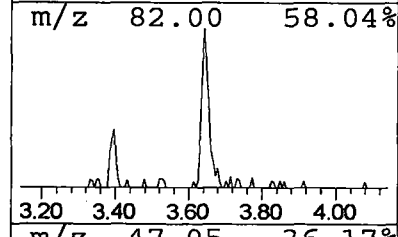
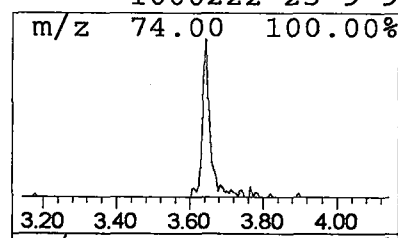
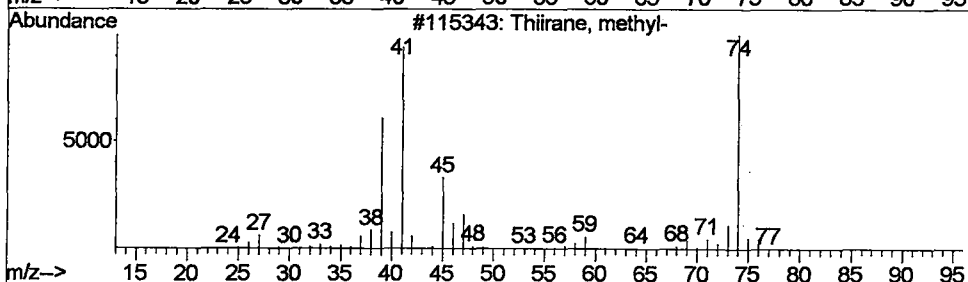
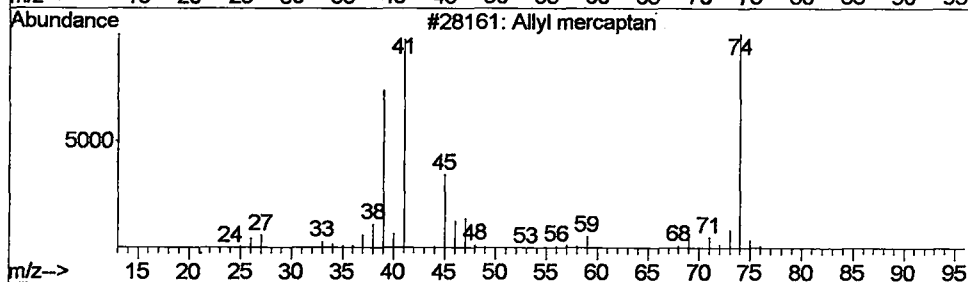
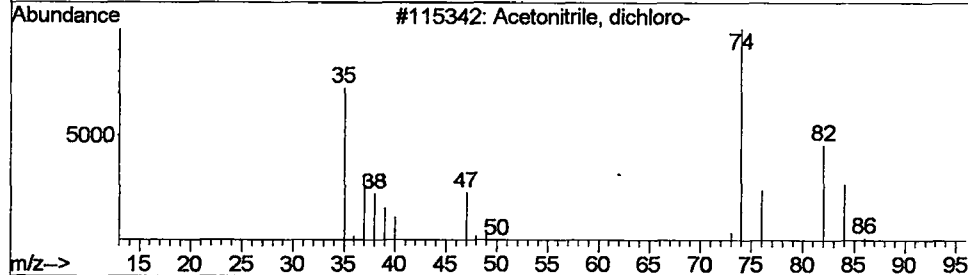
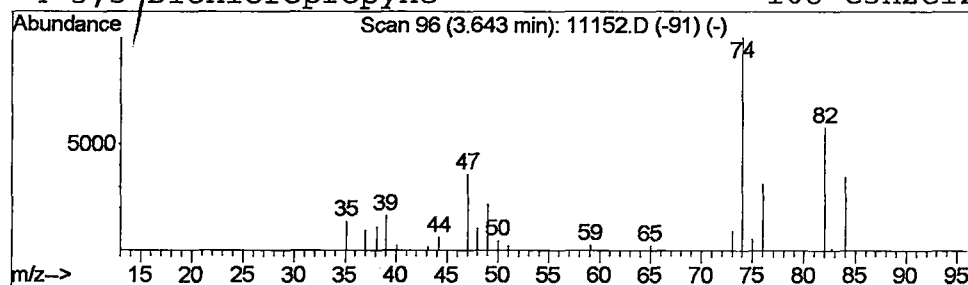
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.64	0.42 ug/l	33580	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	38
2	Allyl mercaptan	74	C3H6S	000870-23-5	12
3	Thiirane, methyl-	74	C3H6S	001072-43-1	9
4	3,3-Dichloropropyne	108	C3H2Cl2	1000222-23-9	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\11152.D

Acq On : 16 May 2002 4:35 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 18

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)

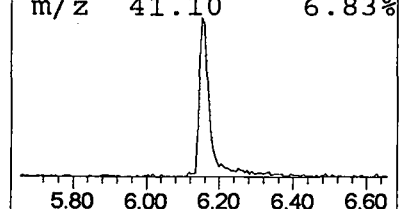
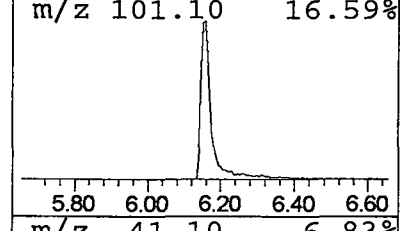
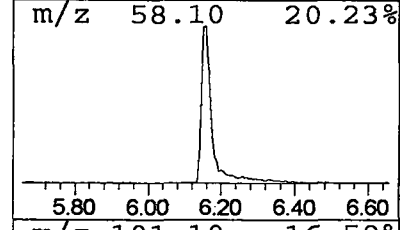
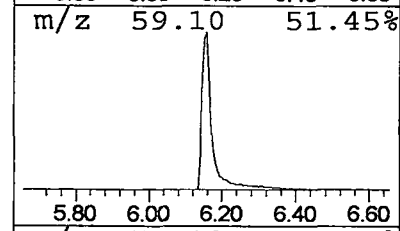
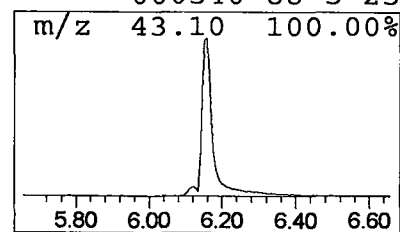
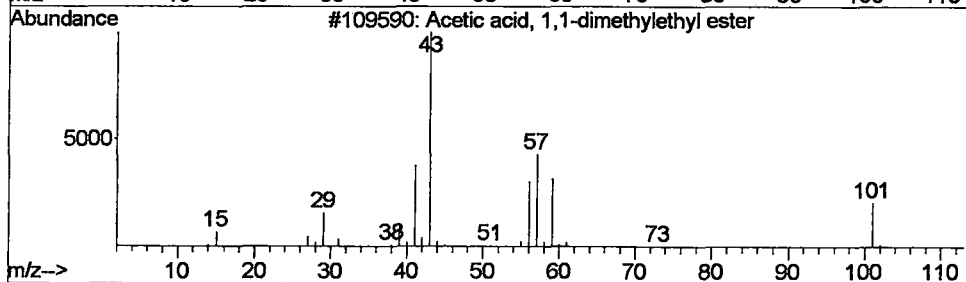
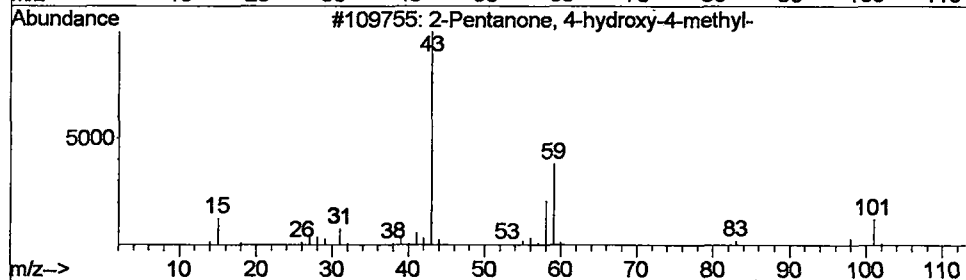
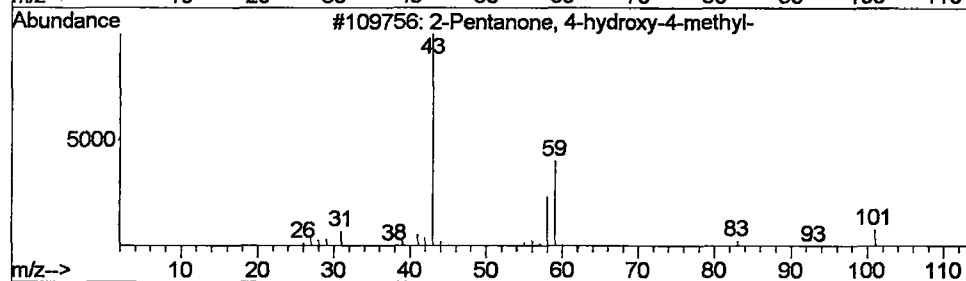
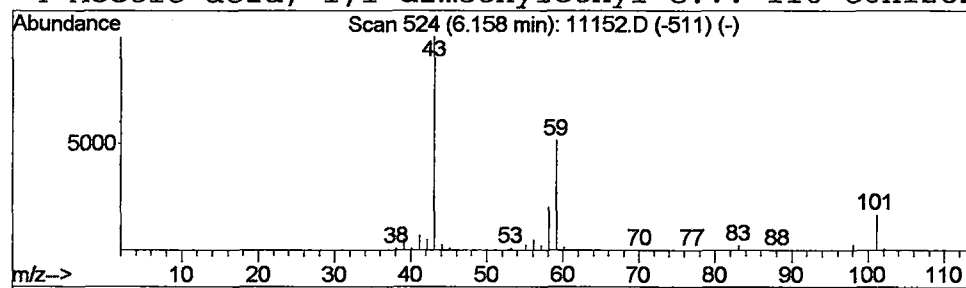
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	22.52 ug/l	1815180	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	59
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25



Library Search Compound Report

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 Acq On : 16 May 2002 4:35 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

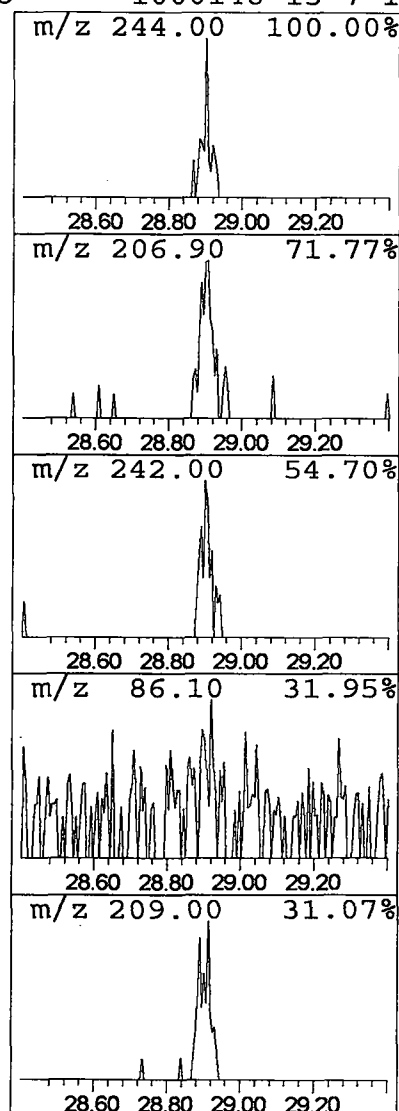
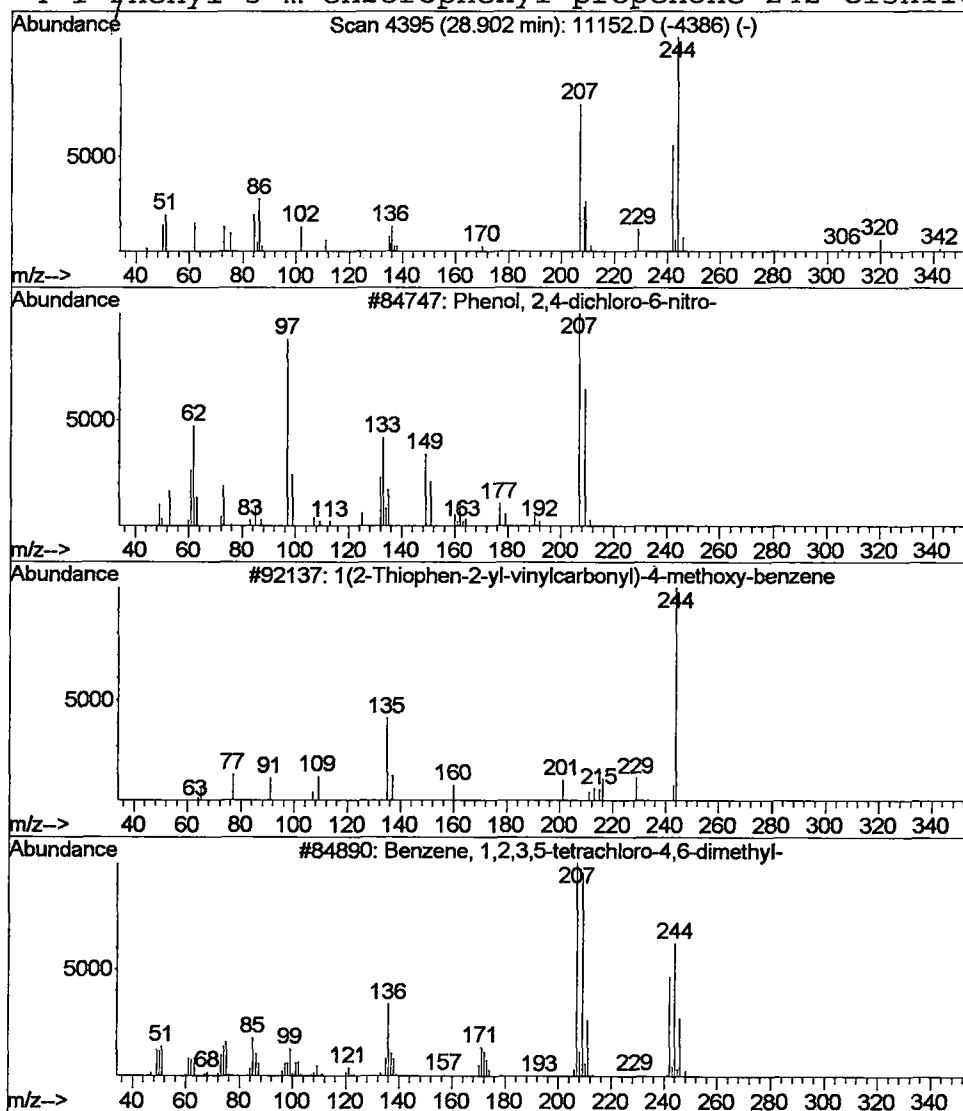
Vial: 18
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

 Peak Number 3 Phenol, 2,4-dichloro-6-nitro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.90	0.26 ug/l	29647	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenol, 2,4-dichloro-6-nitro-	207	C6H3Cl2NO3	000609-89-2	25
2		1(2-Thiophen-2-yl-vinylcarbonyl)...	244	C14H12O2S	1000148-15-7	22
3		Benzene, 1,2,3,5-tetrachloro-4,6...	242	C8H6Cl4	000877-09-8	22
4		1-Phenyl-3-m-chlorophenyl-propenone	242	C15H11ClO	1000148-13-7	11



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\11152.D
Acq On : 16 May 2002 4:35 am
Sample : sample
Misc :
MS Integration Params: rteint.e

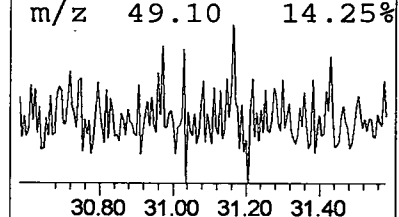
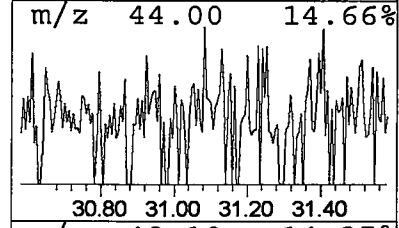
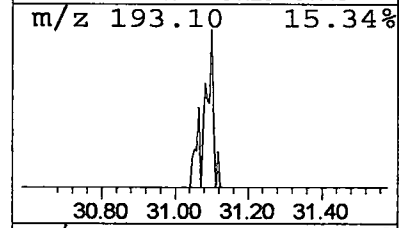
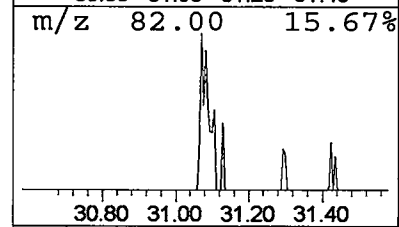
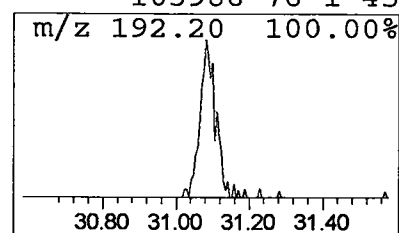
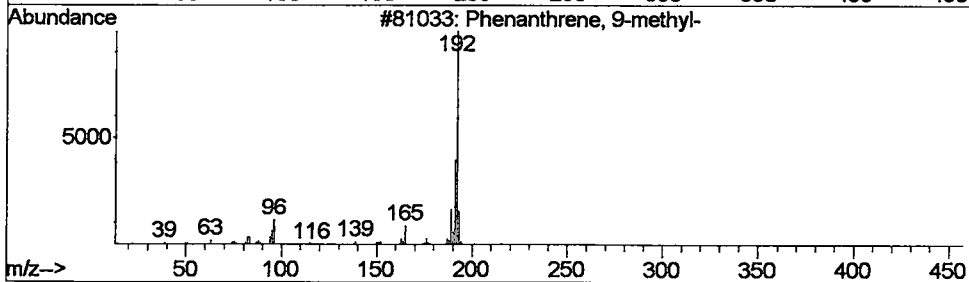
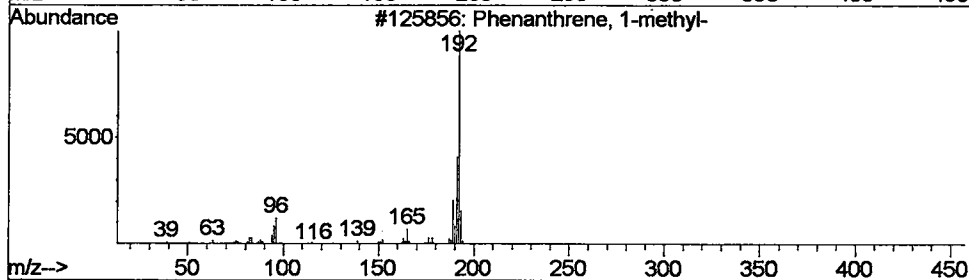
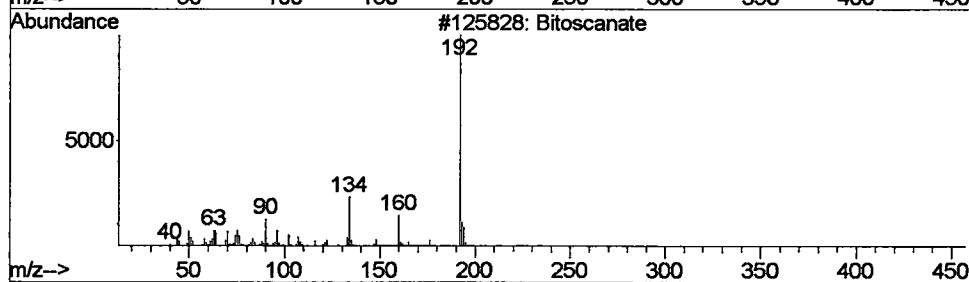
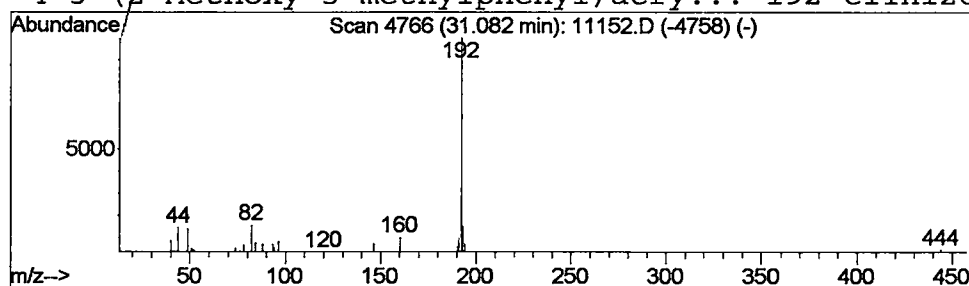
Vial: 18
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

Peak Number 4 Bitoscanate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.08	0.32 ug/l	36789	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bitoscanate	192	C8H4N2S2	004044-65-9	58
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
3			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	50
4			3-(2-Methoxy-5-methylphenyl)acry...	192	C11H12O3	103986-76-1	45



Library Search Compound Report

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Acq On : 16 May 2002 4:35 am
Sample : sample
Misc :
MS Integration Params: rteint.e

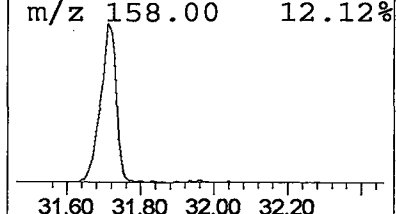
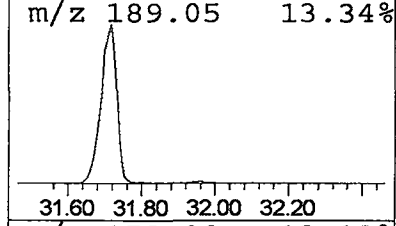
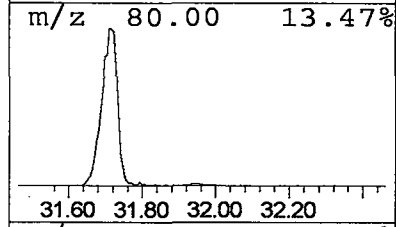
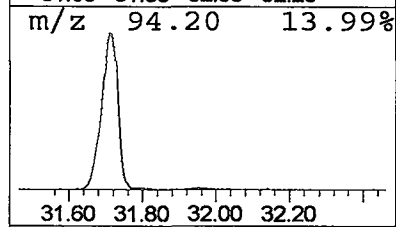
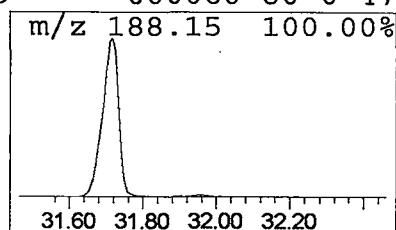
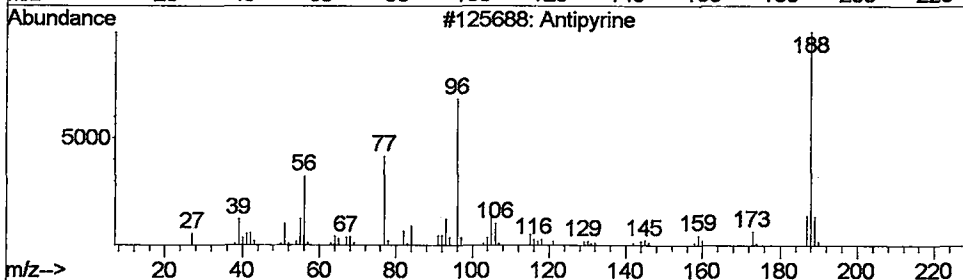
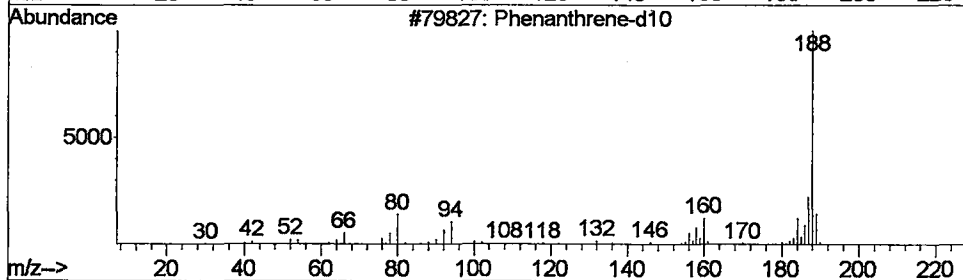
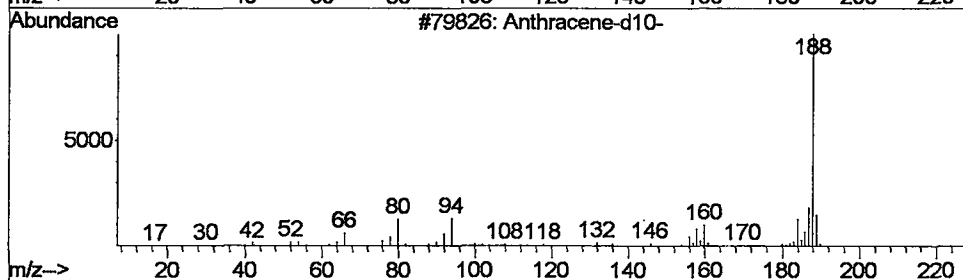
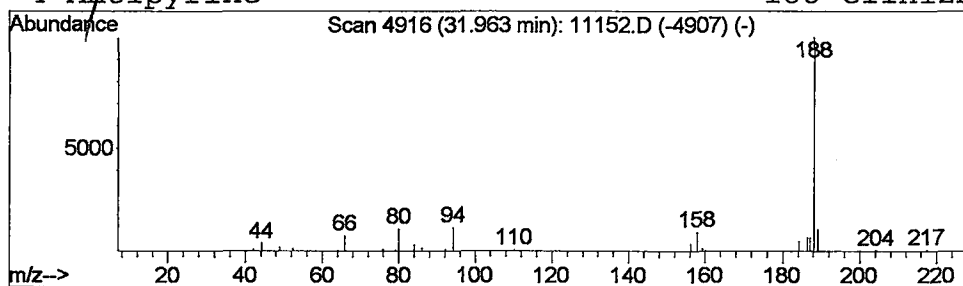
Vial: 18
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

Peak Number 5 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.37 ug/l	41602	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	50
3		Antipyrine	188	C11H12N2O	000060-80-0	49
4		Antipyrine	188	C11H12N2O	000060-80-0	47



Operator ID: Nefliu Date Acquired: 16 May 2002 4:35 am
Data File: C:\MSDCHEM\1\DATA\020515\11152.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020507.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
- Acetonitrile, dic...	3.64	0.4	ug/l	33580	1	11.38	3223650	40.0
- 2-Pentanone, 4-hy...	6.16	22.5	ug/l	1815180	1	11.38	3223650	40.0
Phenol, 2,4-dichl...	28.90	0.3	ug/l	29647	4	31.72	4548080	40.0
Bitoscanate	31.08	0.3	ug/l	36789	4	31.72	4548080	40.0
Anthracene-d10-	31.96	0.4	ug/l	41602	4	31.72	4548080	40.0