

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/07/2002 Time: 10:24:52

Sample: AE08486
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/7/02 10:24 Ended: 5/7/02 10:24 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		79		10.0

Comments for Sample AE08486 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-07-2002 Time: 10:25:07

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\08486.D

Vial: 23

Acq On : 20 Apr 2002 5:47 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: EVENTS.E

Quant Time: Apr 26 15:18:06 2002

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	10747353	40.00	ug/l	-0.05
10) Naphthalene-d8	16.54	136	41267080	40.00	ug/l	-0.07
17) Acenaphthene-d10	24.46	164	22617514	40.00	ug/l	-0.06
30) Phenanthrene-d10	31.72	188	34140968	40.00	ug/l	-0.05
38) Chrysene-d12	39.93	240	24887288	40.00	ug/l	-0.08
44) Perylene-d12	43.16	264	17318162	40.00	ug/l	-0.04

System Monitoring Compounds

27) TCMX	27.54	207	1107436	7.88	ug/l	-0.07
Spiked Amount	10.000		Recovery	=	78.80%	

Target Compounds

35) Di-n-butylphthalate	34.81	149	76595	0.06	ug/l	Qvalue 97
43) Bis(2-ethylhexyl)phthalate	40.52	149	62309m	0.10	ug/l	

(#) = qualifier out of range (m) = manual integration (+) = signals summed
08486.D SCAN020418.M Fri Apr 26 15:24:26 2002 Page 1

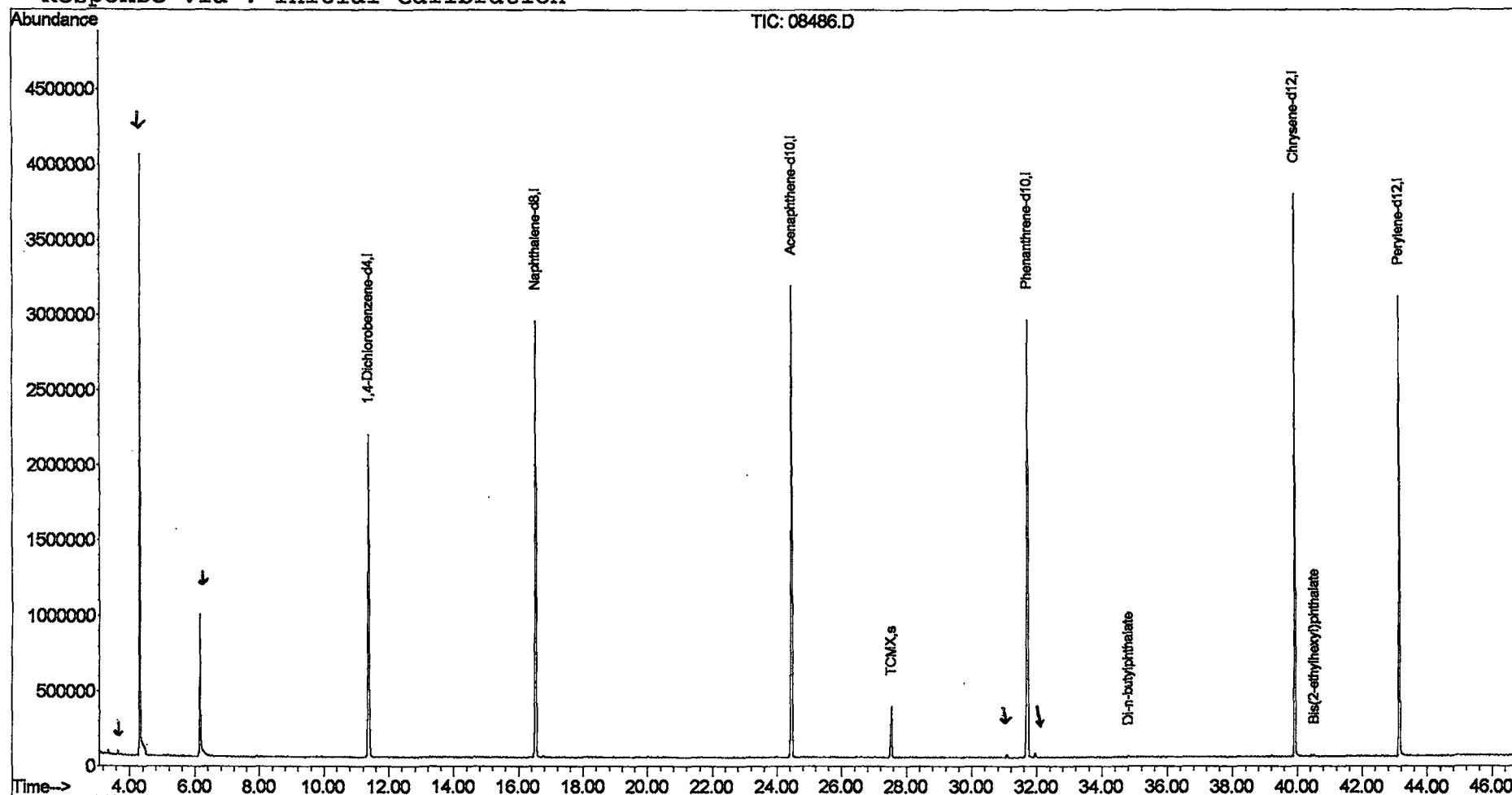
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020419\08486.D
 Acq On : 20 Apr 2002 5:47 am
 Sample : sample
 Misc :
 MS Integration Params: EVENTS.E
 Quant Time: Apr 26 15:24 2002

Vial: 23
 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\08486.D

Vial: 23

Acq On : 20 Apr 2002 5:47 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

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

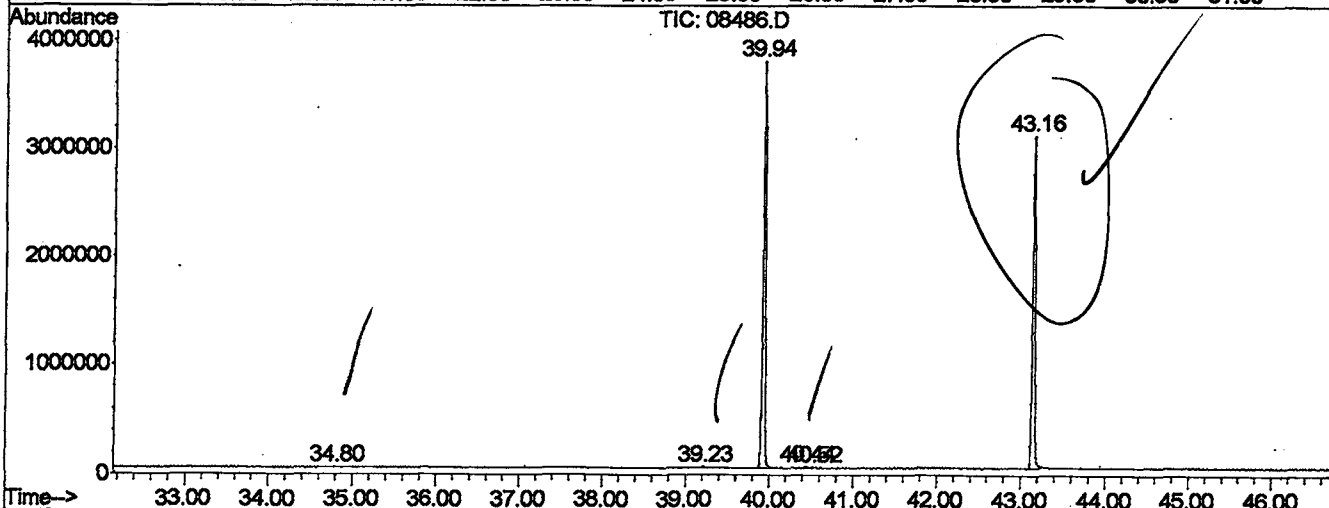
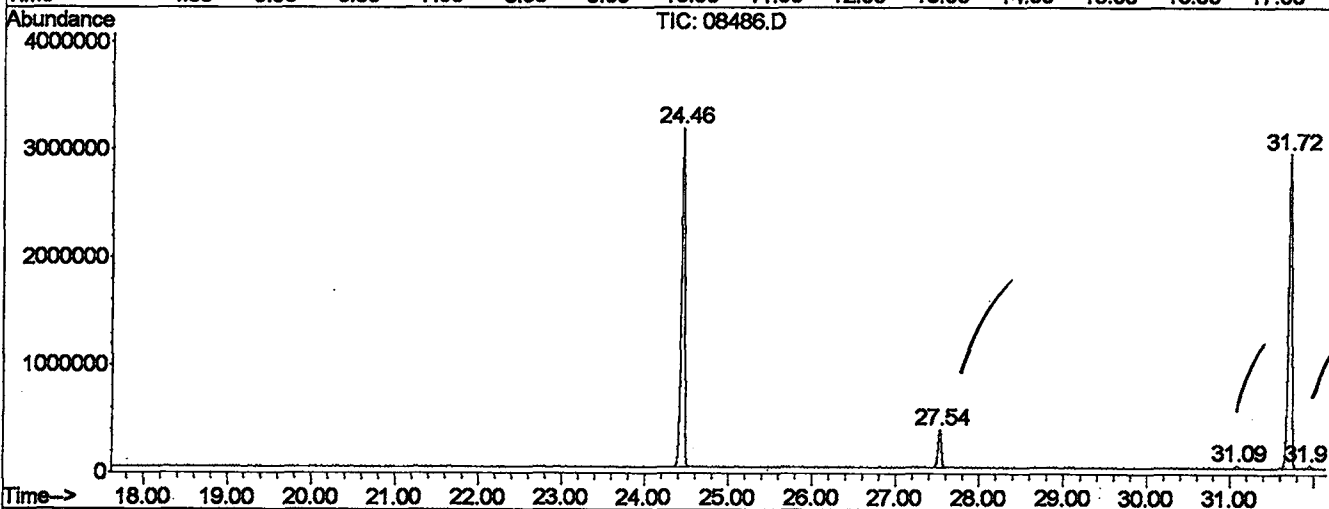
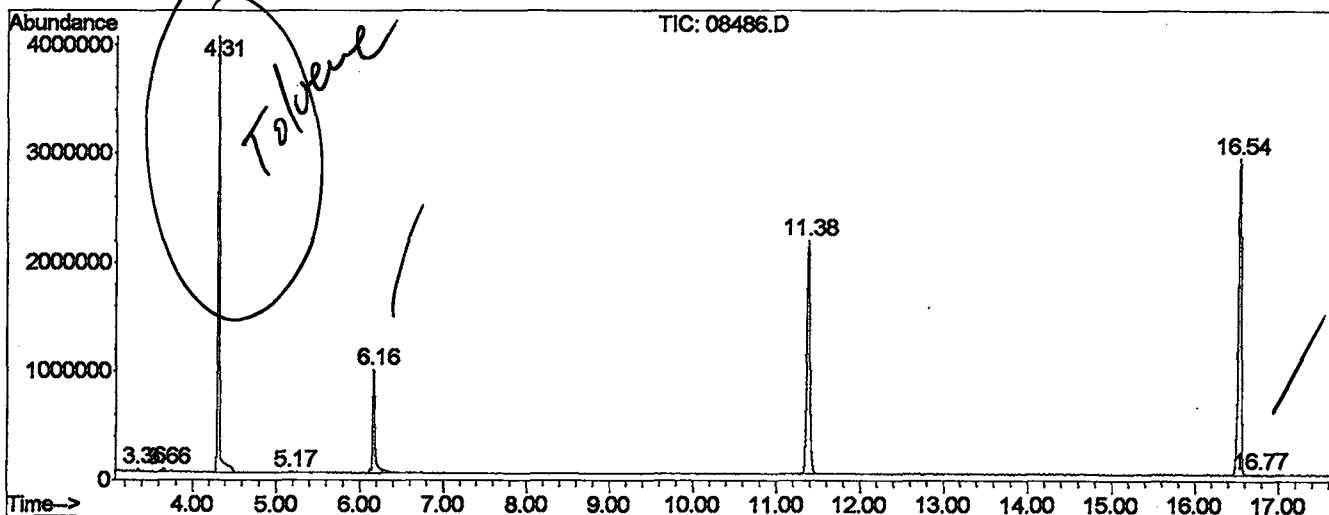
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.361	41	48	52	PV	2 24559	261922	0.31%	0.050%
2	3.660	89	99	109	PV	2 28282	496048	0.58%	0.095%
3	4.313	202	210	250	PV	3894721	59259038	69.62%	11.324%
4	5.171	353	356	362	PV	5 6840	121225	0.14%	0.023%
5	6.163	511	525	568	PV	921898	19314448	22.69%	3.691%
6	11.375	1400	1412	1439	PV	2123135	54298755	63.79%	10.376%
7	16.540	2277	2291	2305	PV	2903561	74885761	87.98%	14.310%
8	16.763	2316	2329	2339	VV	2 9208	250152	0.29%	0.048%
9	24.460	3621	3639	3655	PV	3111659	85120334	100.00%	16.266%
10	27.539	4149	4163	4175	PV	2 339341	9300505	10.93%	1.777%
11	31.088	4756	4767	4777	VV	4 22304	593196	0.70%	0.113%
12	31.722	4858	4875	4892	VV	2 2859188	84799639	99.62%	16.205%
13	31.957	4904	4915	4927	VV	3 27199	762847	0.90%	0.146%
14	34.801	5392	5399	5404	PV	2 6040	132131	0.16%	0.025%
15	39.225	6144	6152	6157	VV	3 11791	213438	0.25%	0.041%
16	39.936	6262	6273	6294	VV	2 3806910	73023876	85.79%	13.954%
17	40.442	6353	6359	6368	PV	3 13133	297062	0.35%	0.057%
18	40.524	6368	6373	6379	VV	3 6596	126999	0.15%	0.024%
19	43.156	6805	6821	6838	PV	3036745	60049263	70.55%	11.475%

Sum of corrected areas: 523306641

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020419\08486.D
Operator : Nefliu
Acquired : 20 Apr 2002 5:47 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 23
Quant File : SCAN020418.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08486.D
 Acq On : 20 Apr 2002 5:47 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

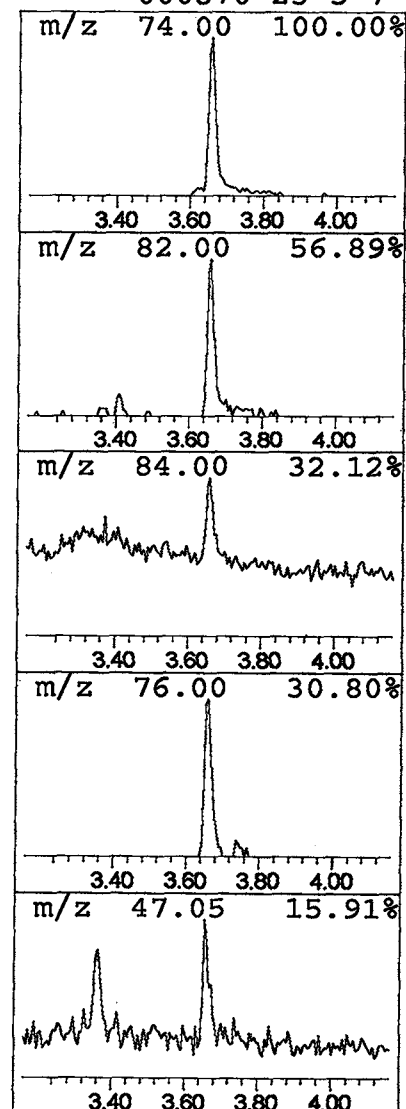
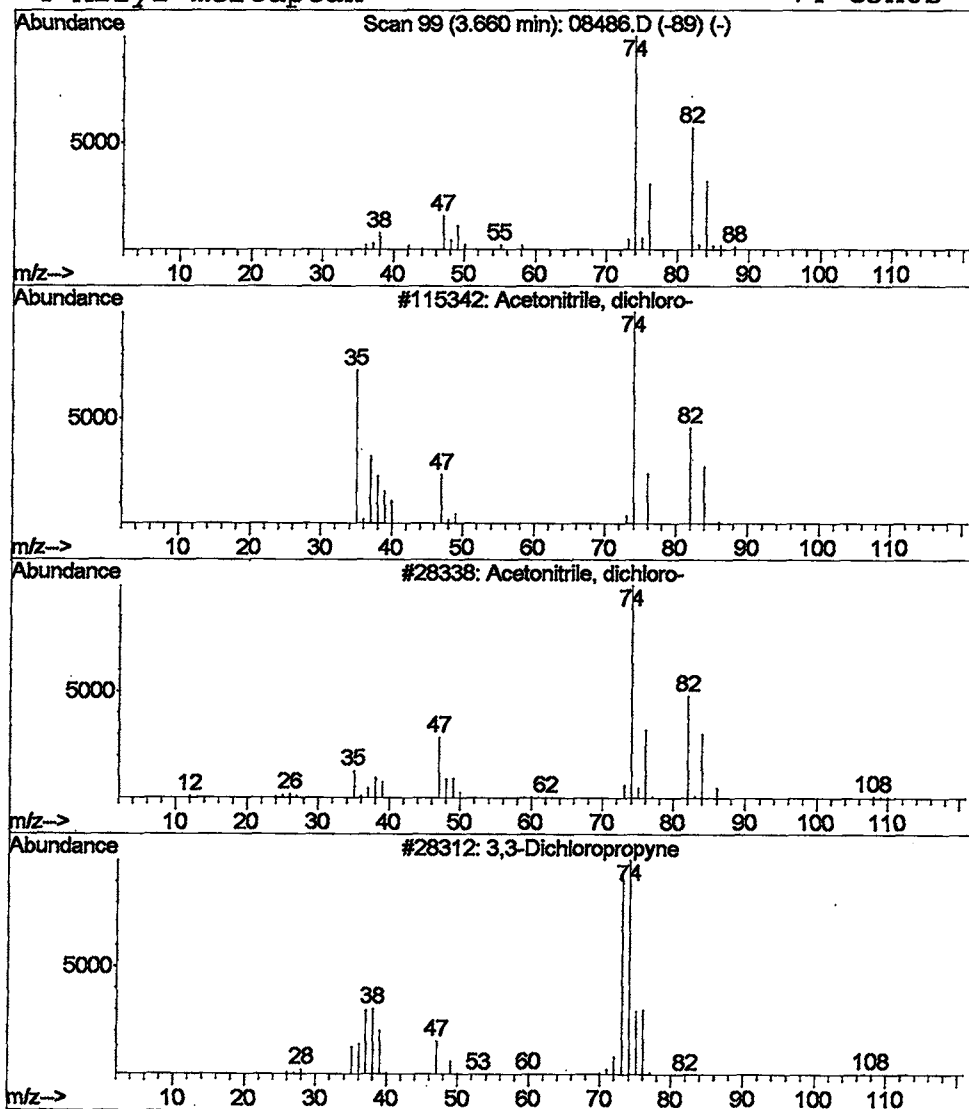
Vial: 23
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 1 Acetonitrile, dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.66	0.37 ug/l	496048	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	78
2			Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	74
3			3,3-Dichloropropyne	108	C3H2Cl2	1000222-23-9	9
4			Allyl mercaptan	74	C3H6S	000870-23-5	7



Library Search Compound Report

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Acq On : 20 Apr 2002 5:47 am
Sample : sample
Misc :
MS Integration Params: rteint.e

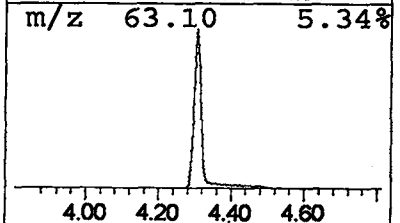
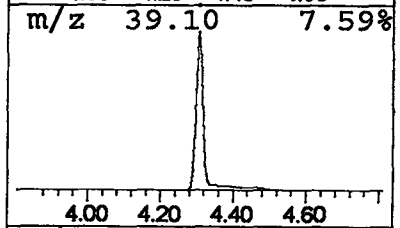
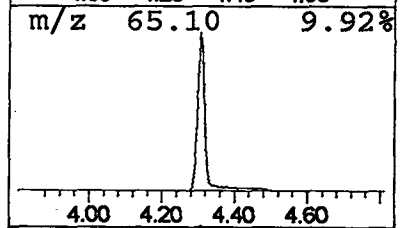
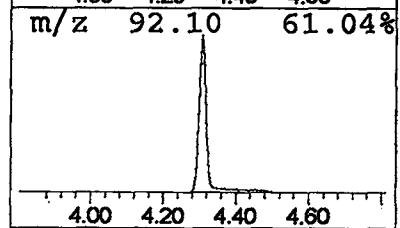
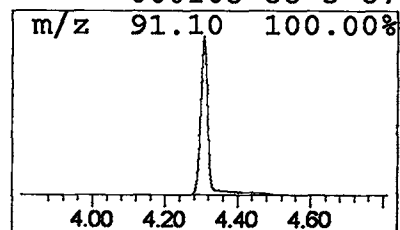
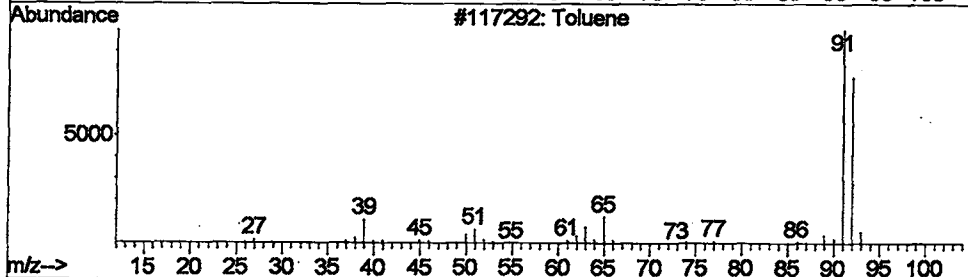
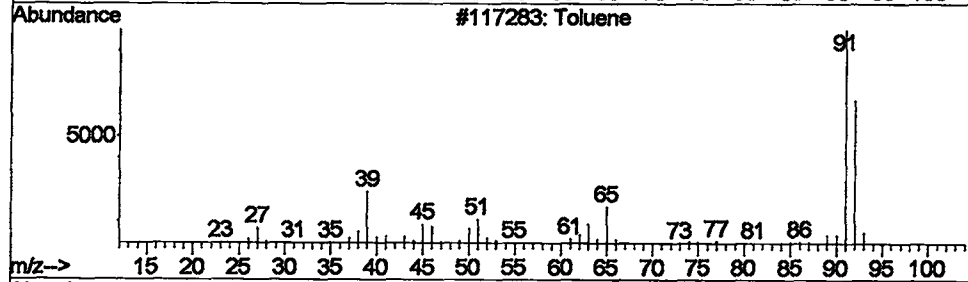
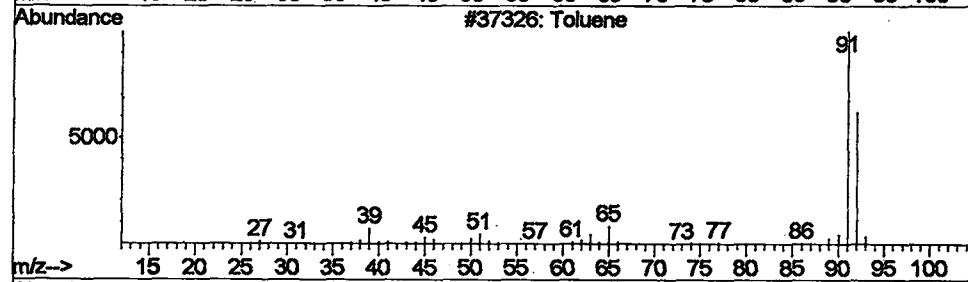
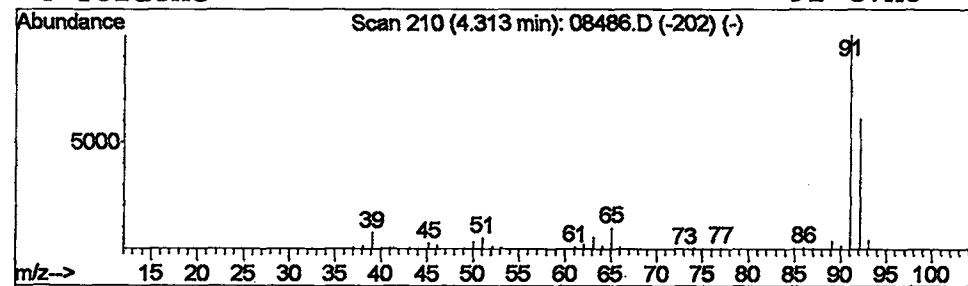
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Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 2 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.31	43.65 ug/l	59259000	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	91
3	Toluene		92	C7H8	000108-88-3	87
4	Toluene		92	C7H8	000108-88-3	87



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08486.D
 Acq On : 20 Apr 2002 5:47 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

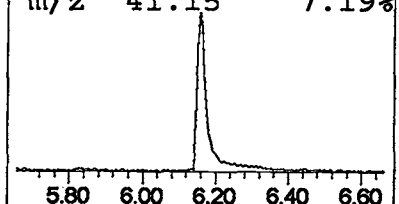
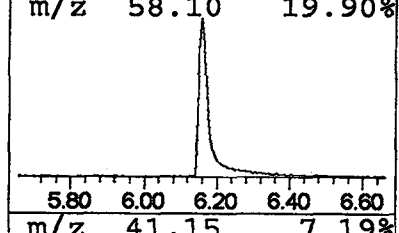
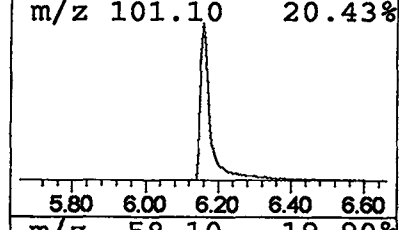
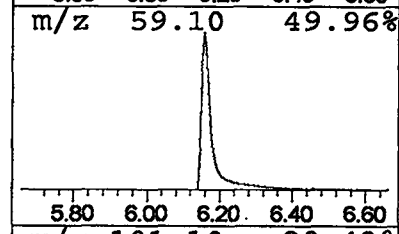
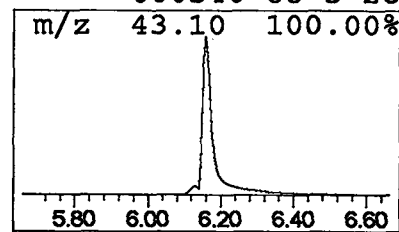
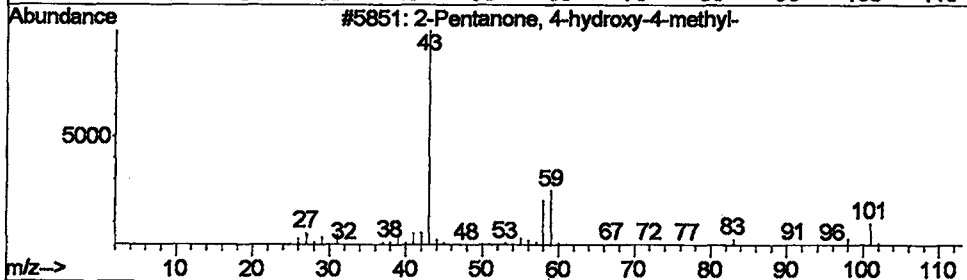
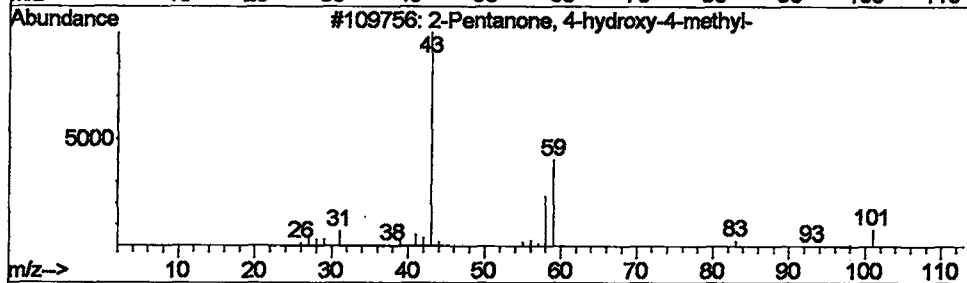
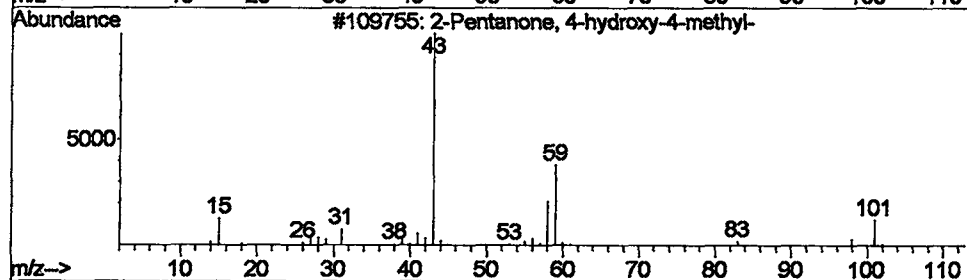
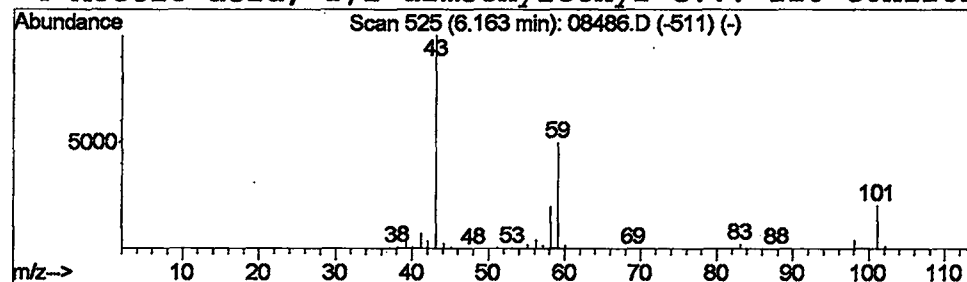
Vial: 23
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	14.23 ug/l	19314400	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	45
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28



Library Search Compound Report

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 Sample : sample
 Misc :
 MS Integration Params: rteint.e

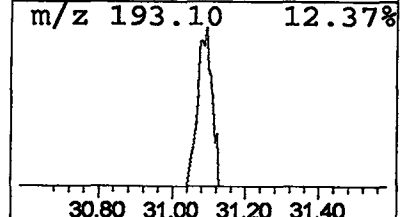
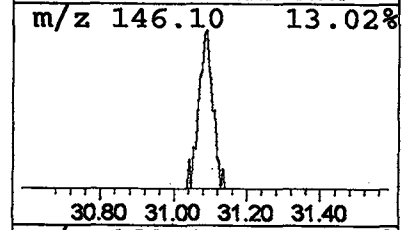
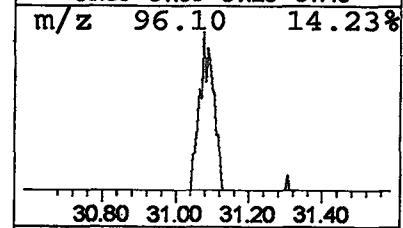
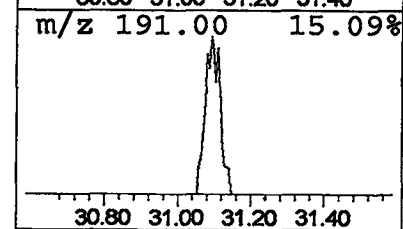
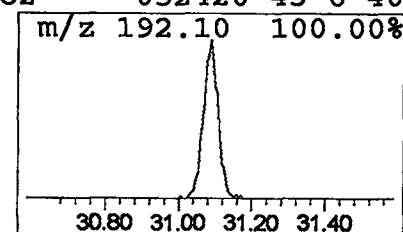
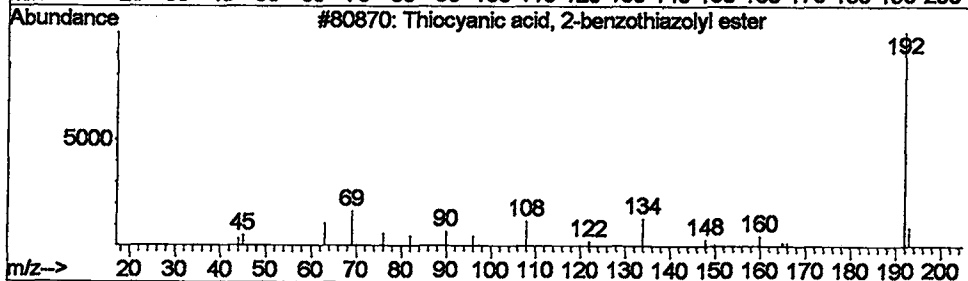
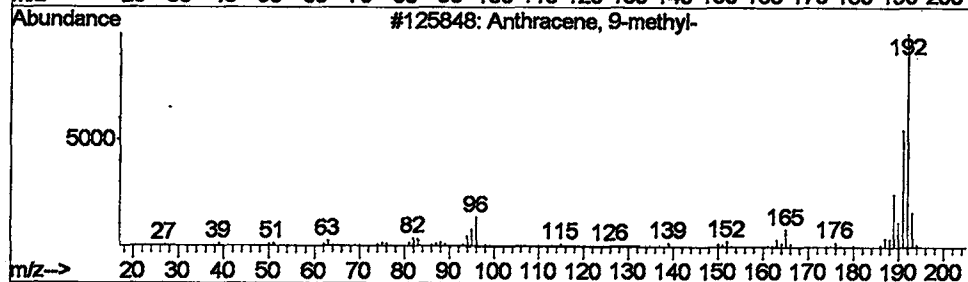
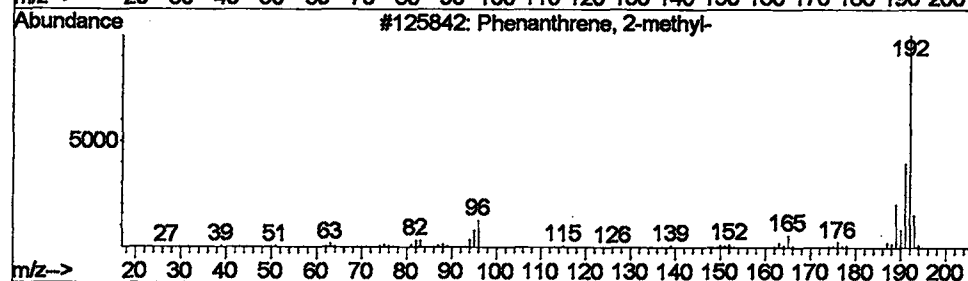
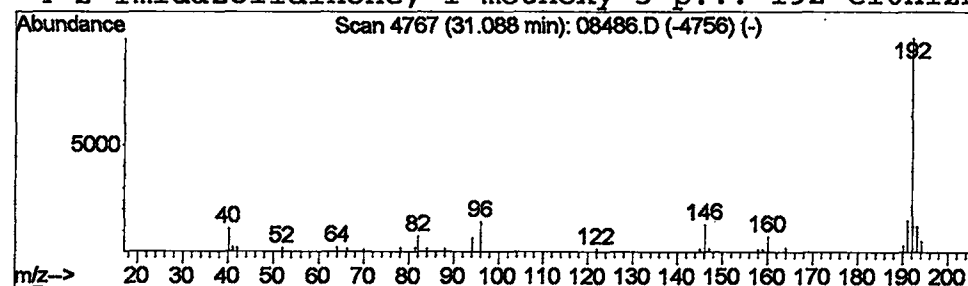
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 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.28 ug/l	593196	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	53
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	45
3		Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	42
4		2-Imidazolidinone, 1-methoxy-3-p...	192	C10H12N2O2	052420-43-6	40



Library Search Compound Report

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 Acq On : 20 Apr 2002 5:47 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

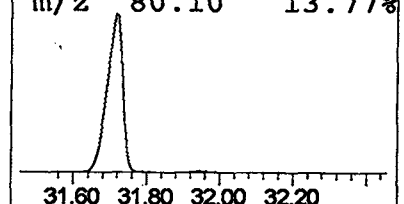
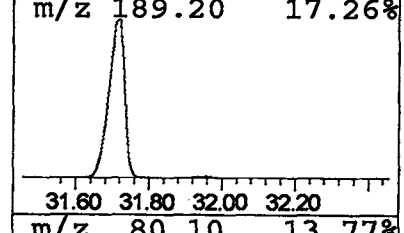
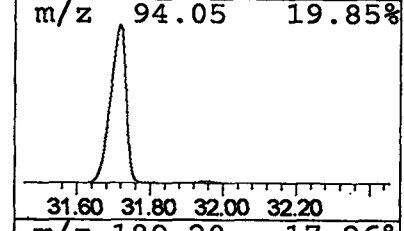
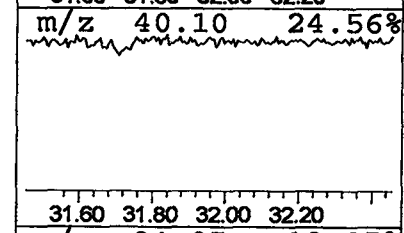
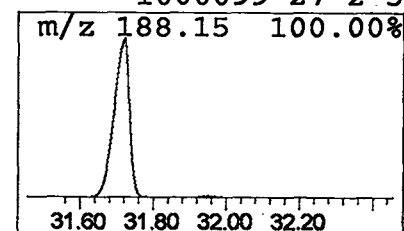
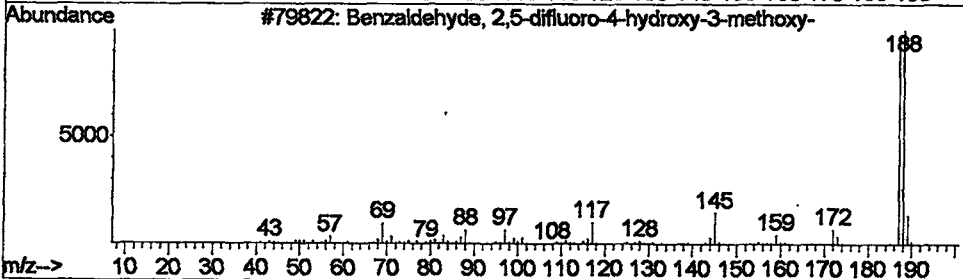
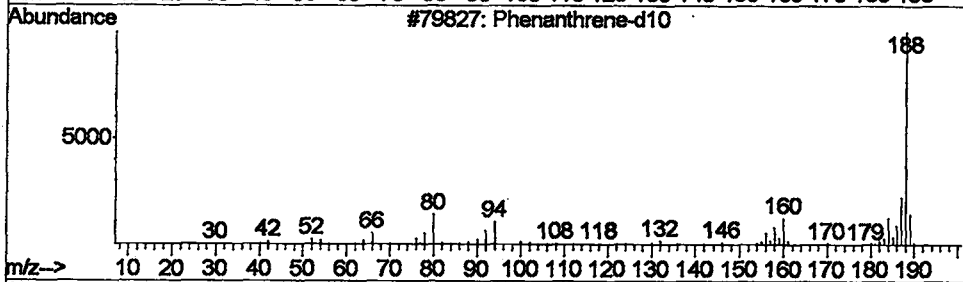
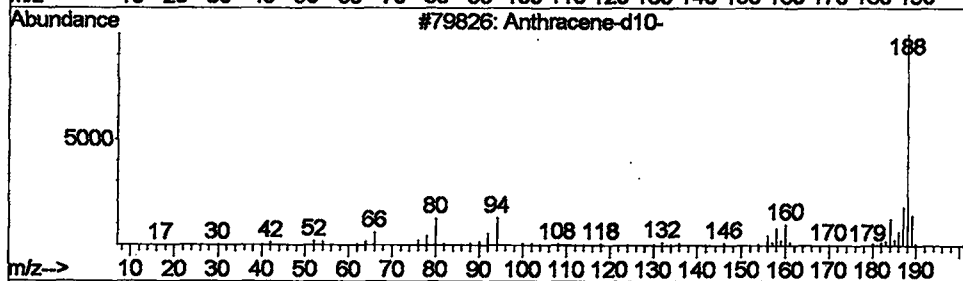
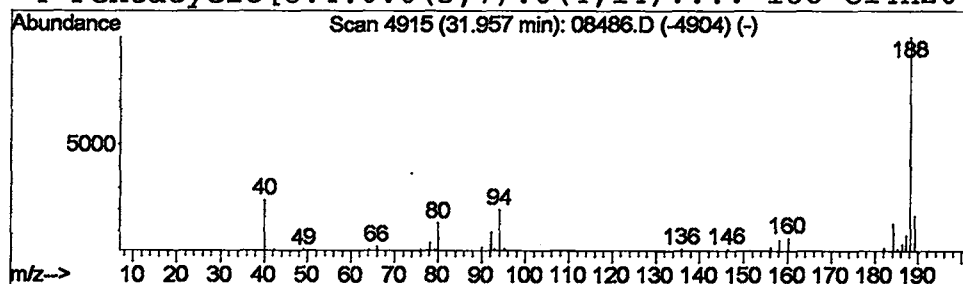
Vial: 23
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 5 Anthracene-d10- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.36 ug/l	762847	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	64
2	Phenanthrene-d10	188	C14D10	001517-22-2	64
3	Benzaldehyde, 2,5-difluoro-4-hyd...	188	C8H6F2O3	148872-77-9	37
4	Pentacyclo[8.4.0.0(3,7).0(4,14)...	188	C14H20	1000099-27-2	33



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 20 Apr 2002 5:47 am
Data File: C:\MSDCHEM\1\DATA\020419\08486.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
✓ Acetonitrile, dic...	3.66	0.4	ug/l	496048	1	11.38	54298800	40.0
✓ Toluene	4.31	43.7	ug/l	59259000	1	11.38	54298800	40.0
✓ 2-Pentanone, 4-hy...	6.16	14.2	ug/l	19314400	1	11.38	54298800	40.0
Phenanthrene, 2-m...	31.09	0.3	ug/l	593196	4	31.72	84799600	40.0
Anthracene-d10	31.96	0.4	ug/l	762847	4	31.72	84799600	40.0

Phenanthrene-d10