

Jser: Nefliu, Marcela
 Westchester Dept. of Labs & Research
 Date: 05/03/2002 Time: 09:42:34

Sample: AE08323
 Analysis: \$B1GCMS Blank for GCMS Scan
 Units: ug
 Started: 4/9/02 09:40 Ended: 4/19/02 09:40 Analyst: MN
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		< MDL		2.0
2	bis(2-Chloroethyl)ether		< MDL		2.0
3	1,3-Dichlorobenzene		< MDL		2.0
4	1,4-Dichlorobenzene		< MDL		2.0
5	1,2-Dichlorobenzene		< MDL		2.0
6	2,2'-oxybis(1-Chloropropane)		< MDL		2.0
7	n-Nitrosodi-n-propylamine		< MDL		2.0
8	Hexachloroethane		< MDL		2.0
9	Nitrobenzene		< MDL		2.0
10	Isophorone		< MDL		2.0
11	bis(2-Chloroethoxy)methane		< MDL		2.0
12	1,2,4-Trichlorobenzene		< MDL		2.0
13	Naphthalene		< MDL		2.0
14	Hexachlorobutadiene		< MDL		2.0
15	2-Chloronaphthalene		< MDL		2.0
16	Dimethylphthalate		< MDL		2.0
17	2,6-Dinitrotoluene		< MDL		2.0
18	Acenaphthylene		< MDL		2.0
19	Acenaphthene		< MDL		2.0
20	2,4-Dinitrotoluene		< MDL		2.0
21	Diethylphthalate		< MDL		2.0
22	4-Chlorophenylphenylether		< MDL		2.0
23	Fluorene		< MDL		2.0
24	Azobenzene		< MDL		2.0
25	n-Nitrosodiphenylamine		< MDL		2.0
26	4-Bromophenylphenylether		< MDL		2.0
27	Hexachlorobenzene		< MDL		2.0
28	Phenanthrene		< MDL		2.0
29	Anthracene		< MDL		2.0
30	Di-n-butylphthalate		< MDL		2.0
31	Fluoranthene		< MDL		2.0
32	Pyrene		< MDL		2.0
33	Butylbenzylphthalate		< MDL		2.0
34	Benzo(a)anthracene		< MDL		2.0
35	bis(2-Ethylhexyl)phthalate		< MDL		2.0
36	Chrysene		< MDL		2.0
37	Di-n-octylphthalate		< MDL		2.0
38	Benzo(b)fluoranthene		< MDL		2.0
39	Benzo(k)fluoranthene		< MDL		2.0
40	Benzo(a)pyrene		< MDL		2.0
41	Indeno(1,2,3-cd)pyrene		< MDL		2.0
42	Dibenz(a,h)anthracene		< MDL		2.0
43	Benzo(g,h,i)perylene		< MDL		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020419\0409LB.D Vial: 3
 Acq On : 19 Apr 2002 10:04 am Operator: Nefliu
 Sample : 04/09 lab blk Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: EVENTS.E
 Quant Time: Apr 19 11:50:29 2002 Quant Results File: SCAN020418.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
 Title : Method 508 GC/MS Scan
 Last Update : Thu Apr 18 14:45:38 2002
 Response via : Initial Calibration
 DataAcq Meth : 508SCAN1

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	11.37	152	10156303	40.00	ug/l	-0.03
10) Naphthalene-d8	16.54	136	39647605	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	21593651	40.00	ug/l	-0.04
31) Phenanthrene-d10	31.72	188	32162264	40.00	ug/l	-0.04
39) Chrysene-d12	39.94	240	25594958	40.00	ug/l	-0.04
45) Perylene-d12	43.16	264	19221242	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	27.54	207	676524	5.04	ug/l	-0.05
Spiked Amount	10,000		Recovery	=	50.40%	
	8.0				63	
Target Compounds						
36) Di-n-butylphthalate	34.81	149	871239	0.77	ug/l	Qvalue 98

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 0409LB.D SCAN020418.M Mon Apr 22 15:29:02 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020419\0409LB.D

Vial: 3

Acq On : 19 Apr 2002 10:04 am

Operator: Nefliu

Sample : 04/09 lab blk

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: EVENTS.E

Quant Time: Apr 19 11:51 2002

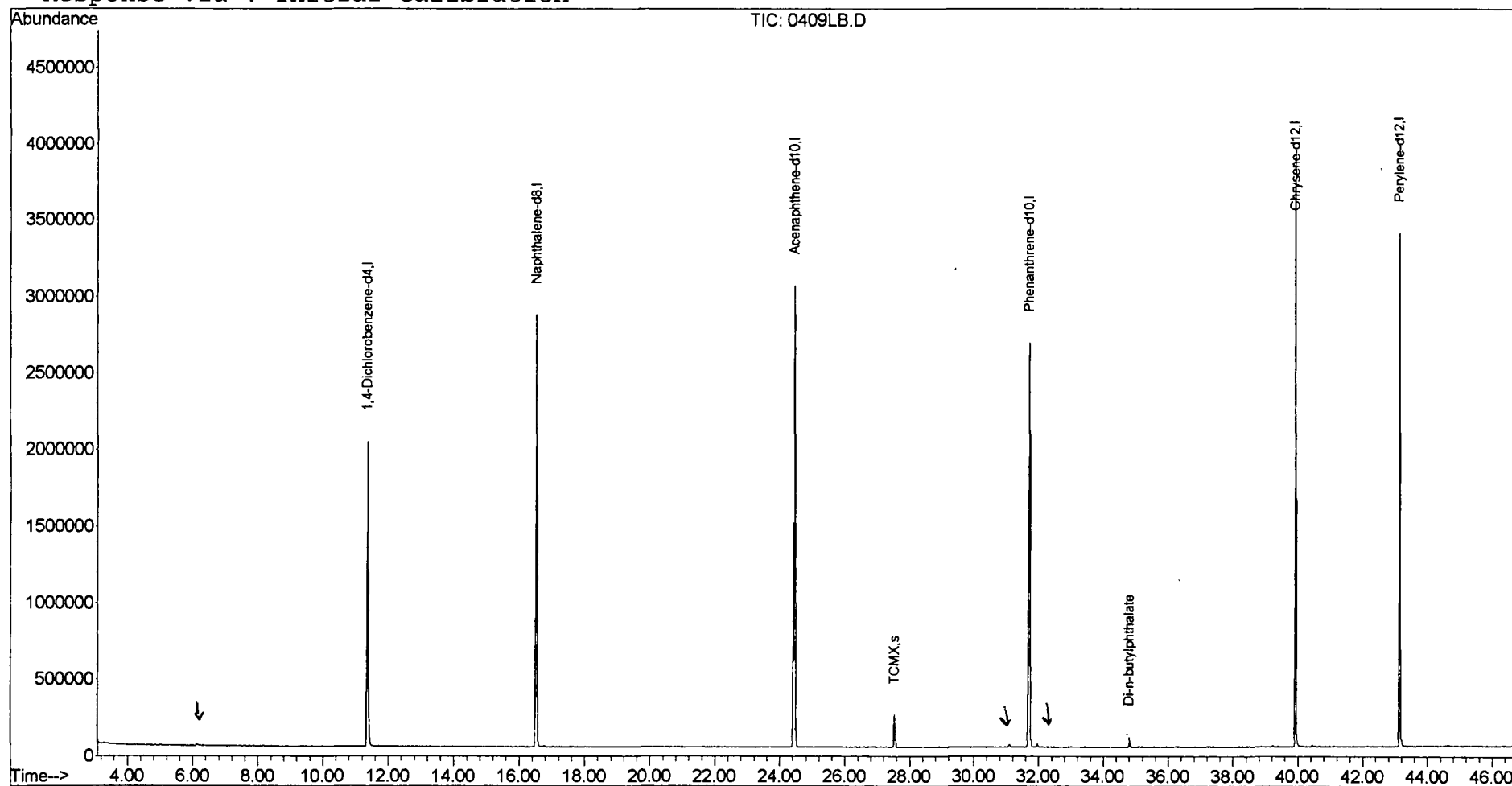
Quant Results File: SCAN020418.RES

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



0409LB.D SCAN020418.M

Mon Apr 22 15:29:02 2002

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LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020419\0409LB.D
 Acq On : 19 Apr 2002 10:04 am
 Sample : 04/09 lab blk
 Misc :
 MS Integration Params: rteint.e

Vial: 3
 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

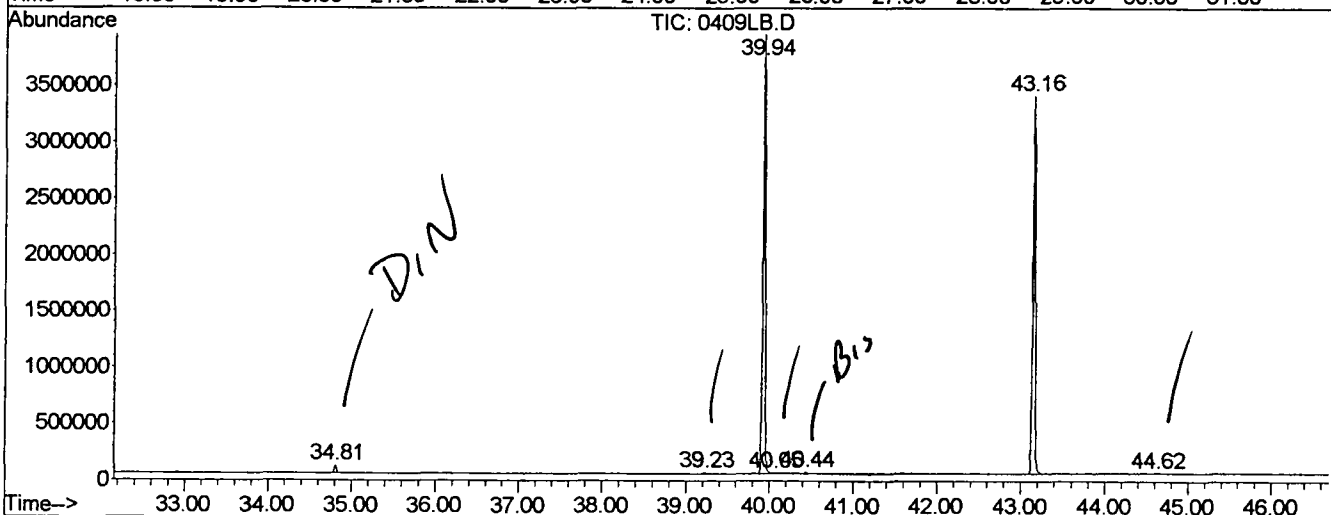
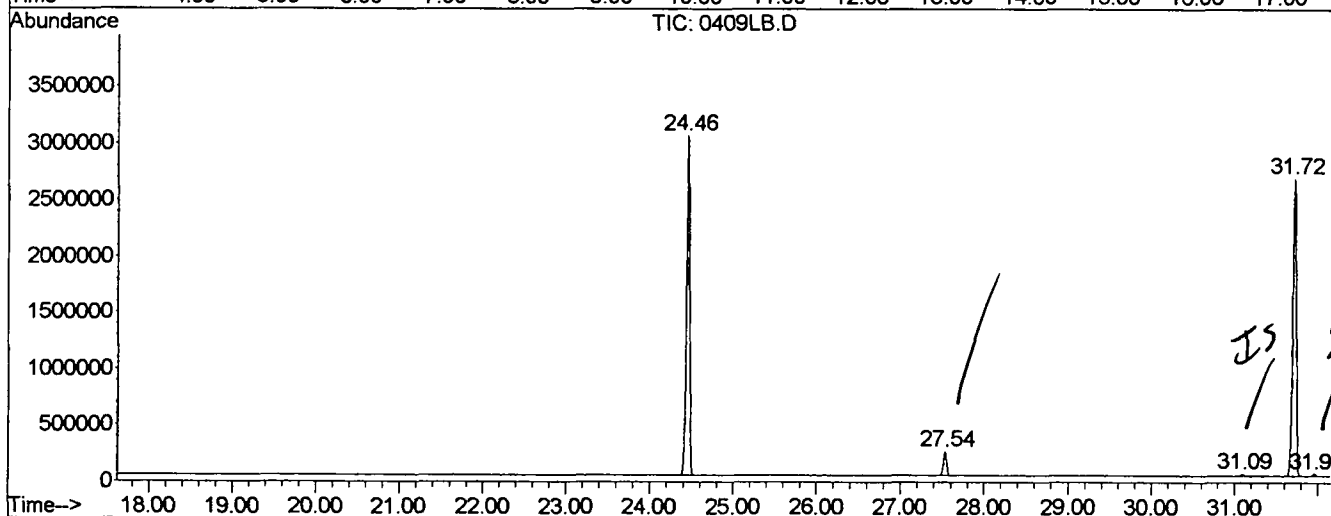
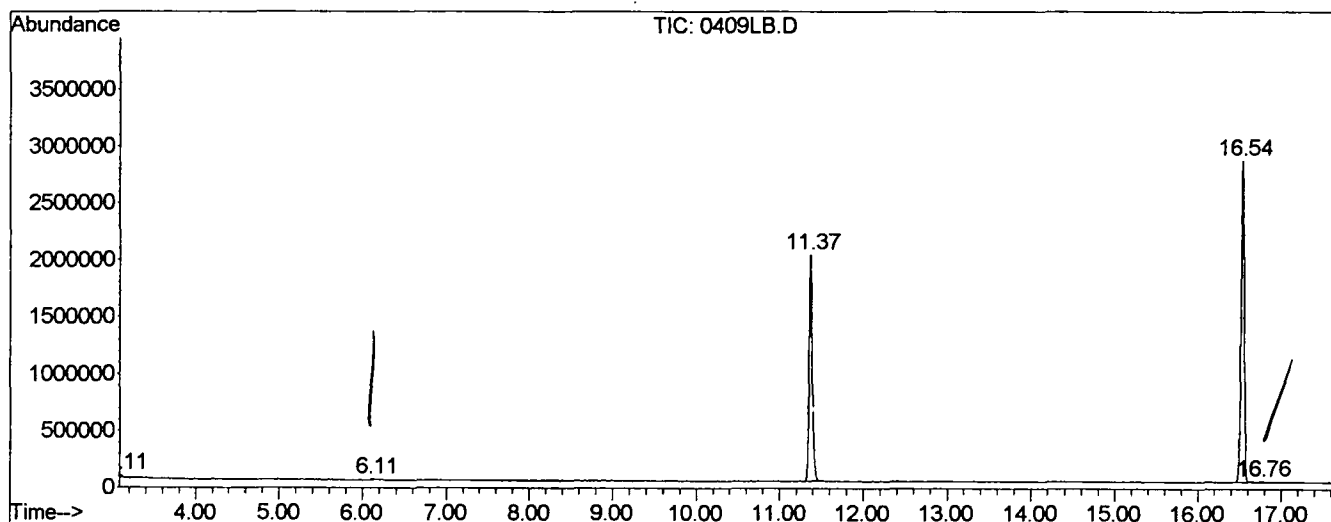
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.108	3	5	22	BV 3	20383	110102	0.13%	0.025%
2	6.117	508	517	525	PV 3	13082	280449	0.34%	0.063%
3	11.375	1394	1412	1430	PV	1992518	52120681	63.44%	11.798%
4	16.534	2274	2290	2305	PV	2785930	72863558	88.69%	16.494%
5	16.763	2318	2329	2337	BV 2	7318	229239	0.28%	0.052%
6	24.460	3621	3639	3652	PV	2990091	82156946	100.00%	18.598%
7	27.539	4150	4163	4173	VV 2	211912	5838172	7.11%	1.322%
8	31.094	4758	4768	4775	PV 2	19736	539648	0.66%	0.122%
9	31.722	4858	4875	4893	VV 2	2633529	81340342	99.01%	18.413%
10	31.957	4902	4915	4925	PV 5	21663	593723	0.72%	0.134%
11	34.807	5394	5400	5410	VV	69409	1398696	1.70%	0.317%
12	39.225	6143	6152	6158	VV 3	12022	224111	0.27%	0.051%
13	39.936	6259	6273	6290	PV 2	3832319	75614586	92.04%	17.117%
14	40.054	6290	6293	6298	VV 3	9081	197060	0.24%	0.045%
15	40.436	6353	6358	6364	VV 2	15866	325690	0.40%	0.074%
16	43.162	6809	6822	6841	PV	3352427	67628619	82.32%	15.309%
17	44.619	7059	7070	7082	PV 5	6115	299180	0.36%	0.068%

Sum of corrected areas: 441760802

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020419\0409LB.D
 Operator : Nefliu
 Acquired : 19 Apr 2002 10:04 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: 04/09 lab blk
 Misc Info :
 Vial Number: 3
 Quant File :SCAN020418.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\0409LB.D
 Acq On : 19 Apr 2002 10:04 am
 Sample : 04/09 lab blk
 Misc :
 MS Integration Params: rteint.e

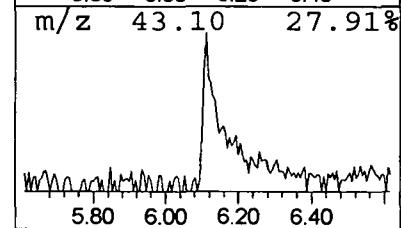
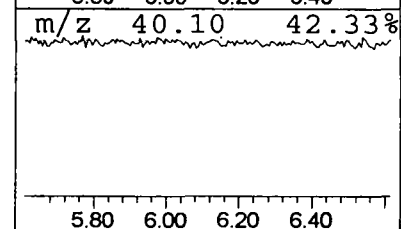
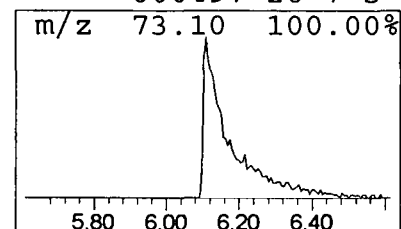
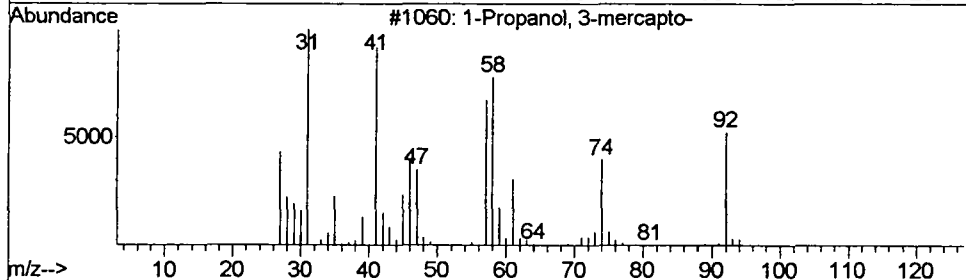
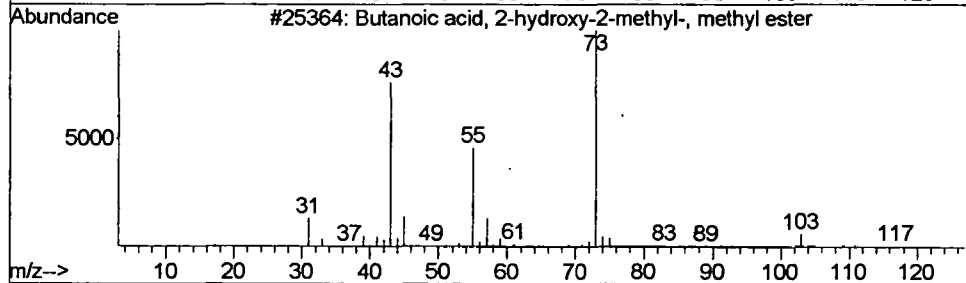
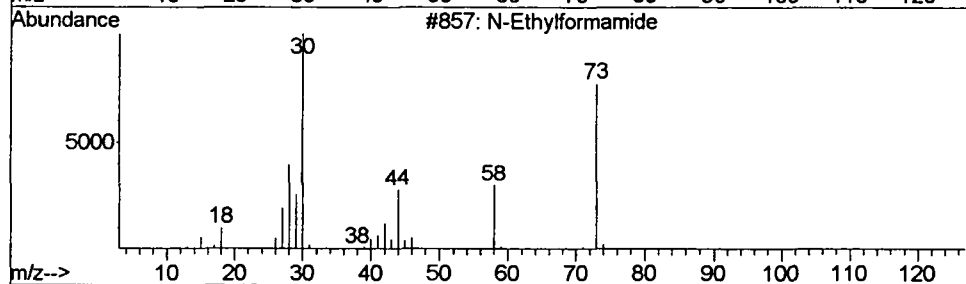
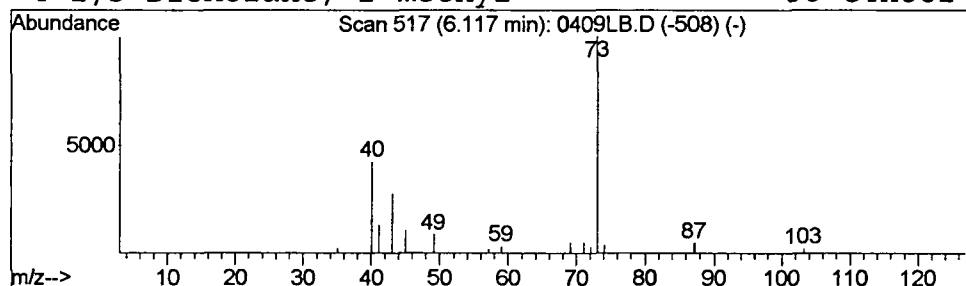
Vial: 3
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 1 N-Ethylformamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	0.22 ug/l	280449	1,4-Dichlorobenzene-d4	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			N-Ethylformamide	73	C3H7NO	000627-45-2	9
2			Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	9
3			1-Propanol, 3-mercapto-	92	C3H8OS	019721-22-3	7
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	5



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\0409LB.D
Acq On : 19 Apr 2002 10:04 am
Sample : 04/09 lab blk
Misc :
MS Integration Params: rteint.e

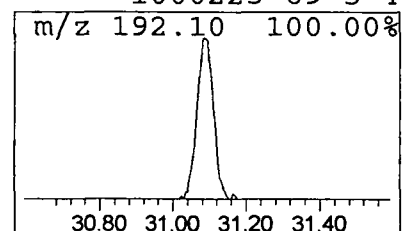
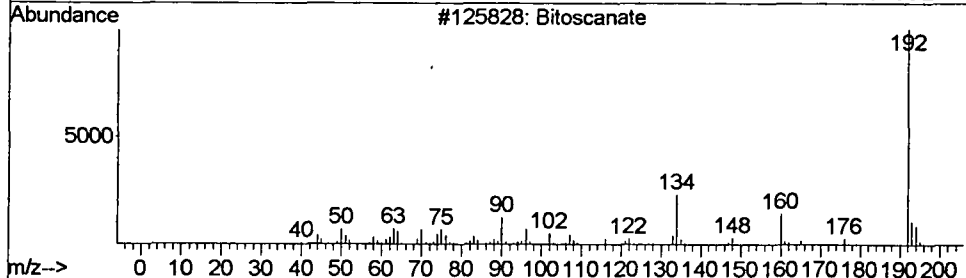
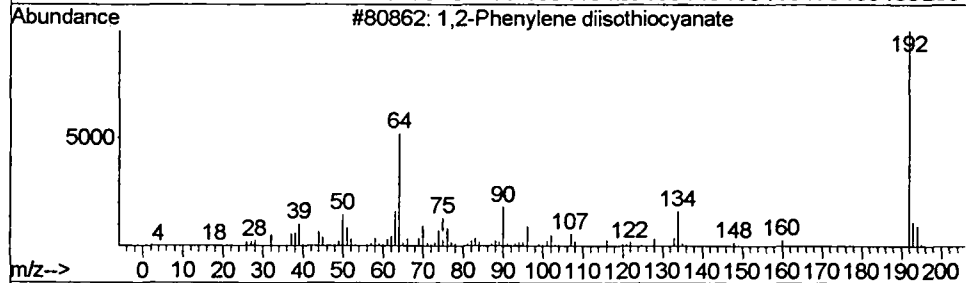
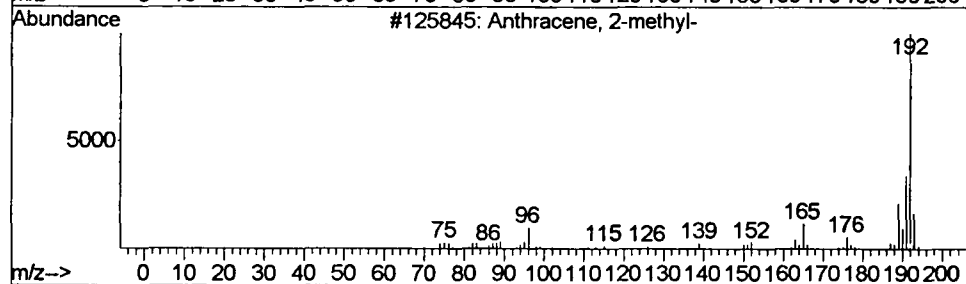
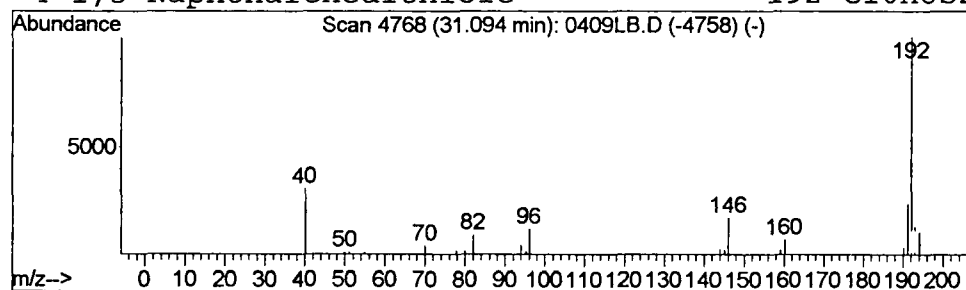
Vial: 3
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

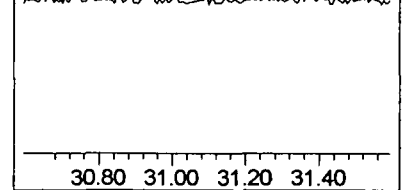
Peak Number 2 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.27 ug/l	539648	Phenanthrene-d10	31.72

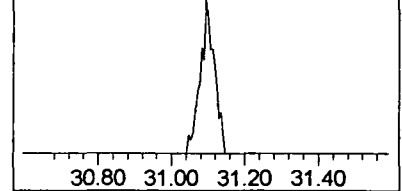
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	59
2			1,2-Phenylene diisothiocyanate	192	C8H4N2S2	071105-17-4	53
3			Bitoscanate	192	C8H4N2S2	004044-65-9	52
4			1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	45



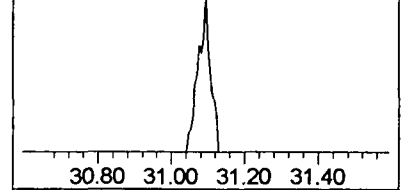
m/z 40.10 31.02%



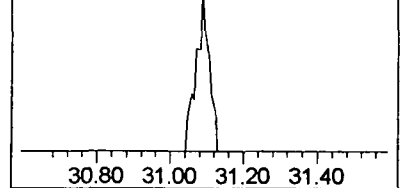
m/z 146.10 17.76%



m/z 193.00 13.64%



m/z 193.00 13.64%



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\0409LB.D
Acq On : 19 Apr 2002 10:04 am
Sample : 04/09 lab blk
Misc :
MS Integration Params: rteint.e

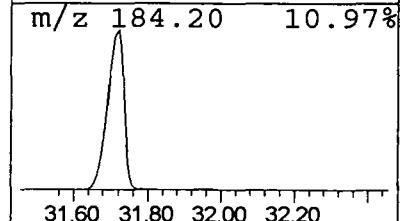
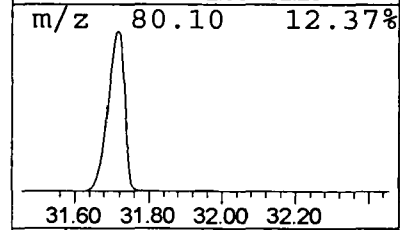
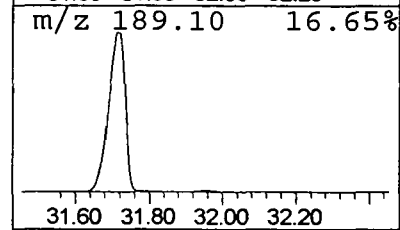
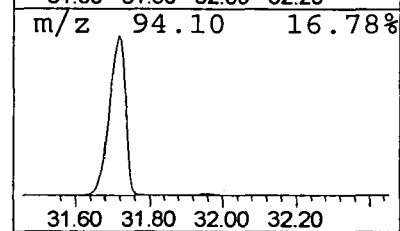
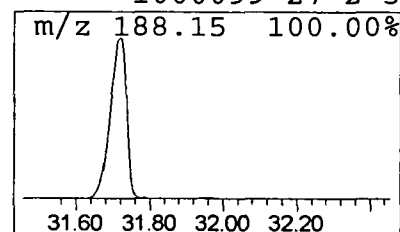
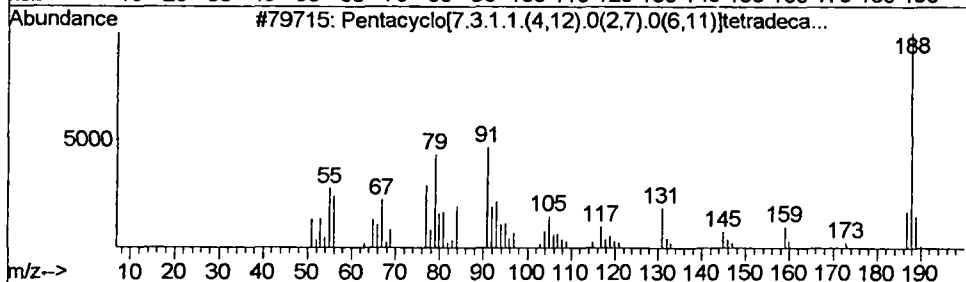
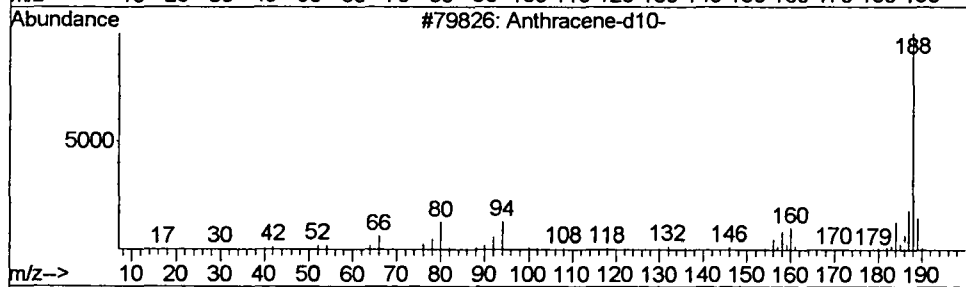
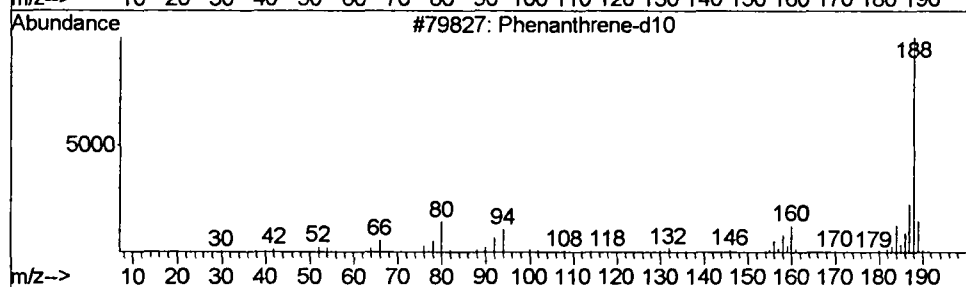
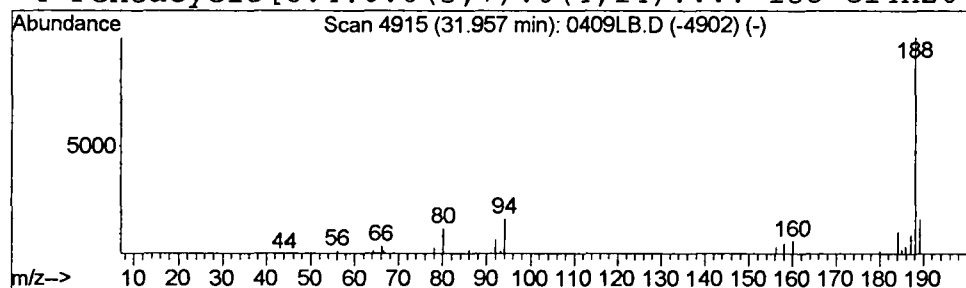
Vial: 3
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 3 Phenanthrene-d10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.29 ug/l	593723	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene-d10	188	C14D10	001517-22-2	72
2			Anthracene-d10-	188	C14D10	001719-06-8	50
3			Pentacyclo[7.3.1.1.(4,12).0(2,7)...]	188	C14H20	1000215-61-8	38
4			Pentacyclo[8.4.0.0(3,7).0(4,14)...]	188	C14H20	1000099-27-2	36



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 19 Apr 2002 10:04 am
Data File: C:\MSDCHEM\1\DATA\020419\0409LB.D
Name: 04/09 lab blk
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
N-Ethylformamide	6.11	0.2	ug/l	280449	1	11.37	52120700	40.0
Anthracene, 2-met...	31.09	0.3	ug/l	539648	4	31.72	81340300	40.0
✓ Phenanthrene-d10	31.96	0.3	ug/l	593723	4	31.72	81340300	40.0