

User: Nefliu, Marcela
 Westchester Dept. of Labs & Research
 Date: 05/23/2002 Time: 09:39:49

Sample: AE11282
 Analysis: \$B1GCMS Blank for GCMS Scan
 Units: ug
 Started: 5/13/02 09:36 Ended: 5/16/02 09:36 Analyst: MN
 Result source: manual entry
 Page: 1

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

Quantitation Report

(QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020516\0513LB.D

Vial: 4

Acq On : 16 May 2002 12:20 pm

Operator: Nefliu

Sample : 05/13 lab blk

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

Quant Time: May 17 10:03:48 2002

Quant Results File: SCAN020507.RE

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

Title : Method 508 GC/MS Scan

Last Update : Thu May 16 14:49:15 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	347246	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1310071	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	705574	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1217713	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	997140	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	588462	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.56	207	187070	33.19	ug/l	-0.02
Spiked Amount	40.000		Recovery	=	82.97%	
Target Compounds						
43) Bis(2-ethylhexyl)phthalate	40.52	149	65155	3.05	ug/l	Qvalue 95

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 0513LB.D SCAN020507.M Fri May 17 10:29:53 2002 Page 1

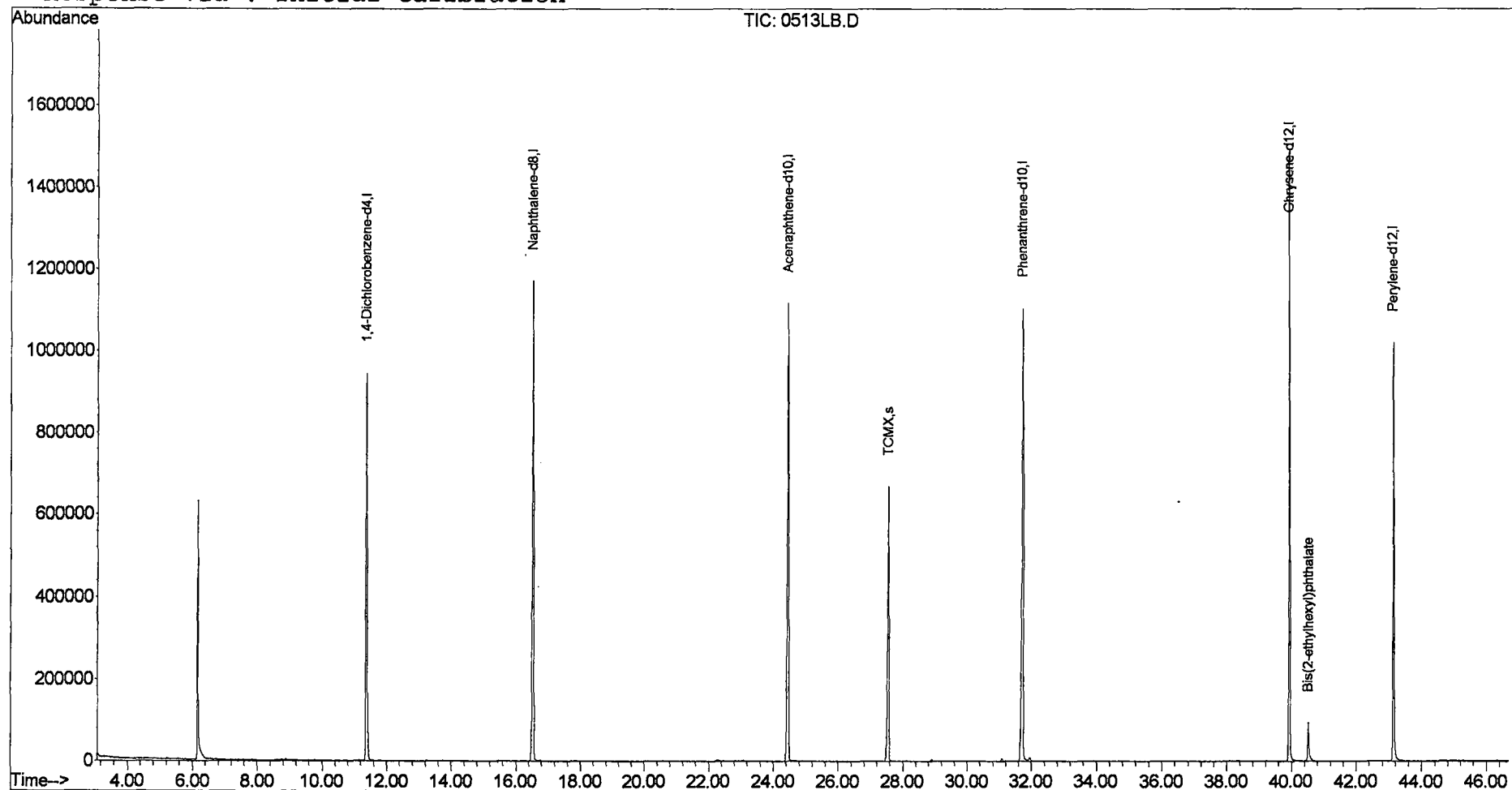
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020516\0513LB.D
Acq On : 16 May 2002 12:20 pm
Sample : 05/13 lab blk
Misc :
MS Integration Params: rteint.e
Quant Time: May 17 10:29 2002

Vial: 4
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 : Thu May 16 14:49:15 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020516\0513LB.D

Acq On : 16 May 2002 12:20 pm

Sample : 05/13 lab blk

Misc :

MS Integration Params: rteint.e

Vial: 4

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

Title : Method 508 GC/MS Scan

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 0.5 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

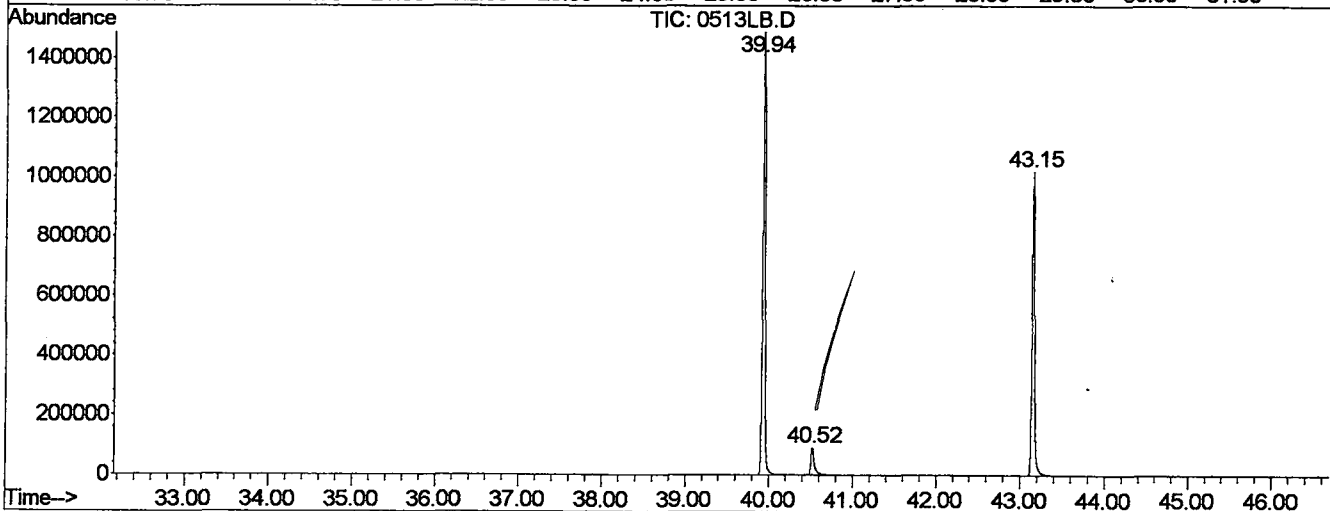
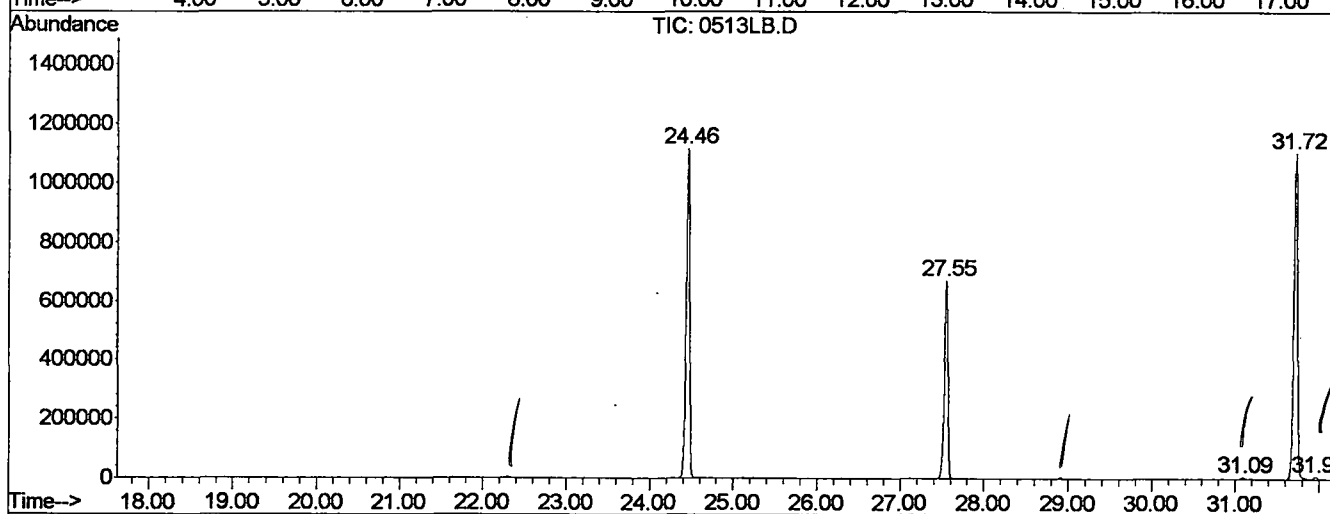
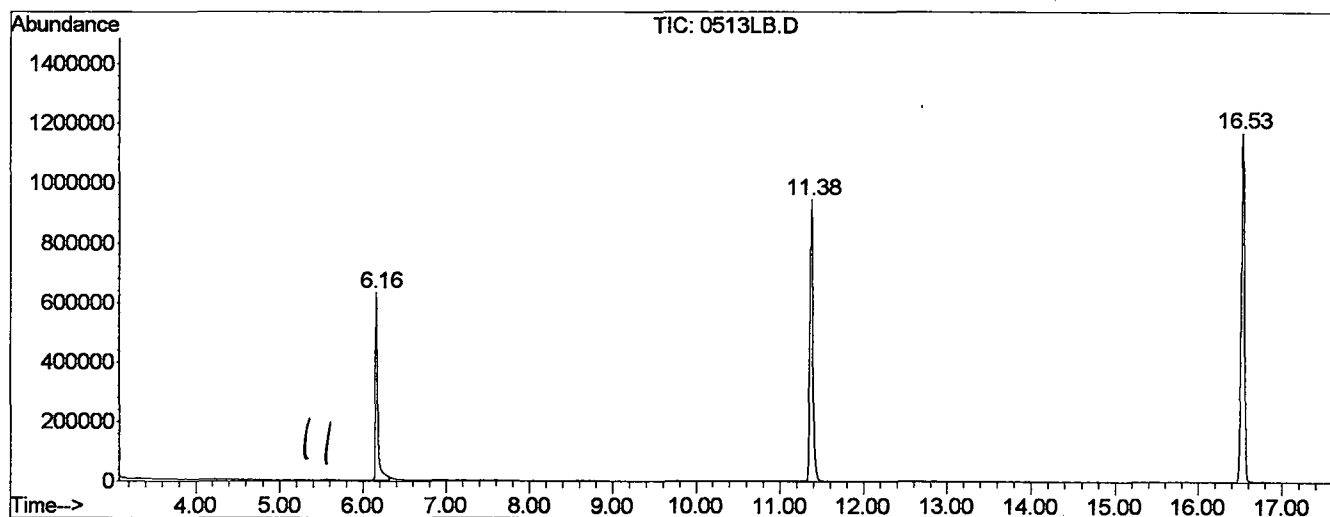
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.158	516	524	551	rBV	629788	1189880	35.08%	5.808%
2	11.375	1400	1412	1436	rBV	944134	2412470	71.12%	11.775%
3	16.534	2276	2290	2307	rBV	1171386	3036324	89.51%	14.820%
4	24.460	3622	3639	3657	rBV	1117351	3160234	93.17%	15.424%
5	27.551	4145	4165	4182	rBV2	669205	1929055	56.87%	9.415%
6	31.094	4758	4768	4777	rBV4	7017	17470	0.52%	0.085%
7	31.723	4856	4875	4890	rBV3	1105497	3392080	100.00%	16.556%
8	31.969	4903	4917	4925	rVB3	8285	26981	0.80%	0.132%
9	39.937	6260	6273	6292	rBV2	1487011	2999471	88.43%	14.640%
10	40.518	6360	6372	6391	rBV3	92394	257079	7.58%	1.255%
11	43.151	6809	6820	6851	rBV2	1019410	2067525	60.95%	10.091%

Sum of corrected areas: 20488569

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020516\0513LB.D
Operator : Nefliu
Acquired : 16 May 2002 12:20 pm using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: 05/13 lab blk
Misc Info :
Vial Number: 4
Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\0513LB.D
 Acq On : 16 May 2002 12:20 pm
 Sample : 05/13 lab blk
 Misc :
 MS Integration Params: rteint.e

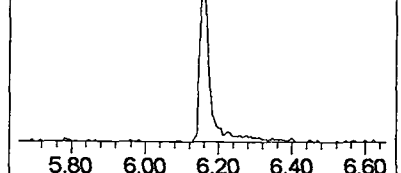
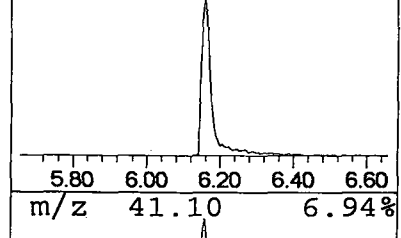
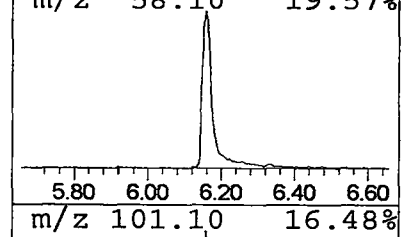
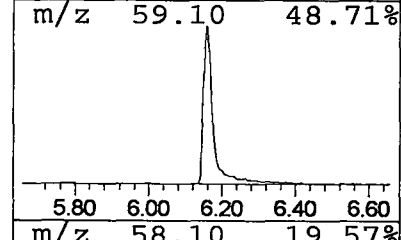
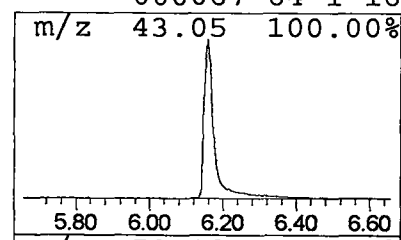
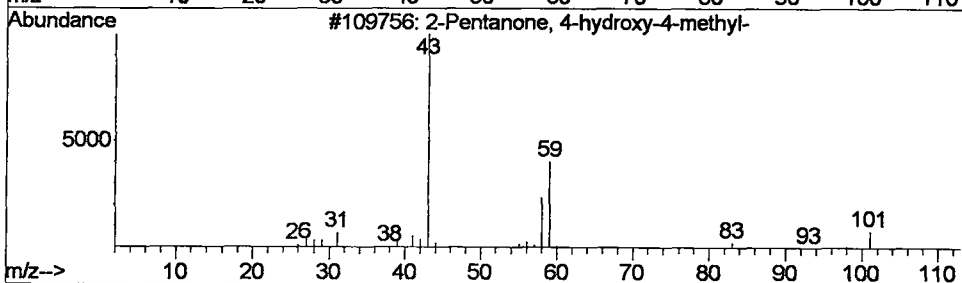
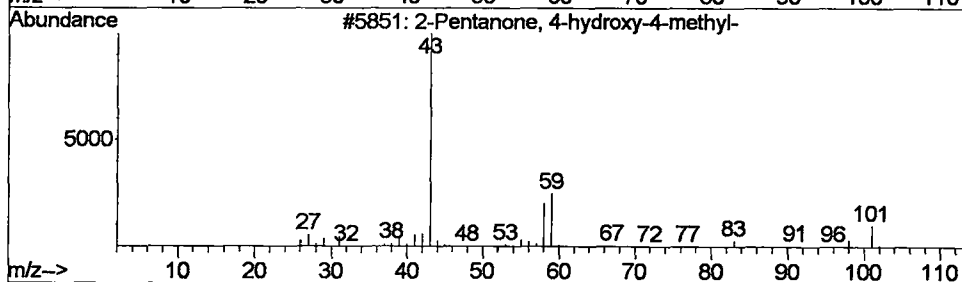
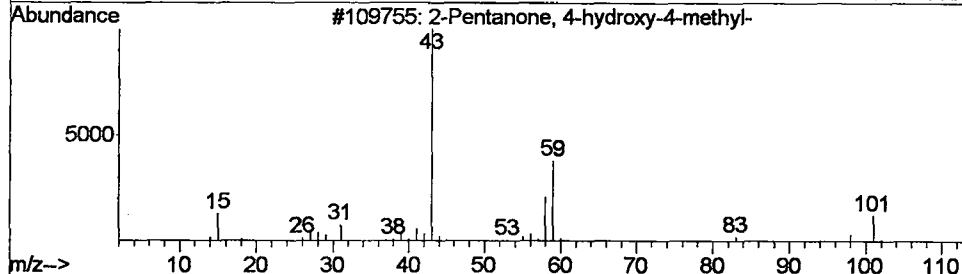
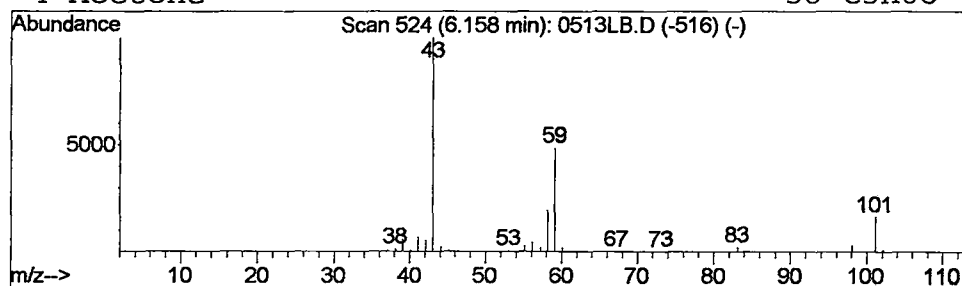
Vial: 4
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	19.73 ug/l	1189880	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	83
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	42
4			Acetone	58	C3H6O	000067-64-1	16



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\0513LB.D
Acq On : 16 May 2002 12:20 pm
Sample : 05/13 lab blk
Misc :
MS Integration Params: rteint.e

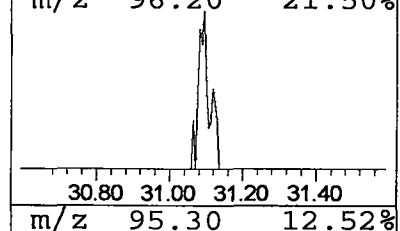
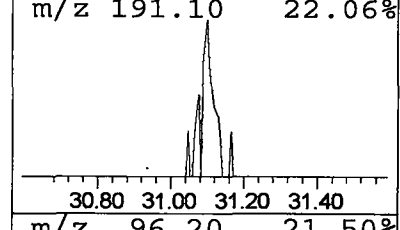
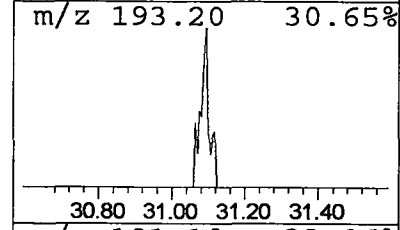
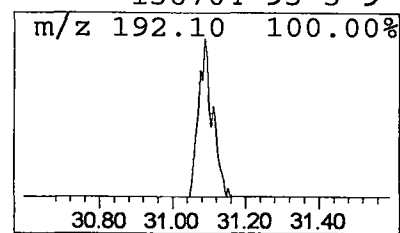
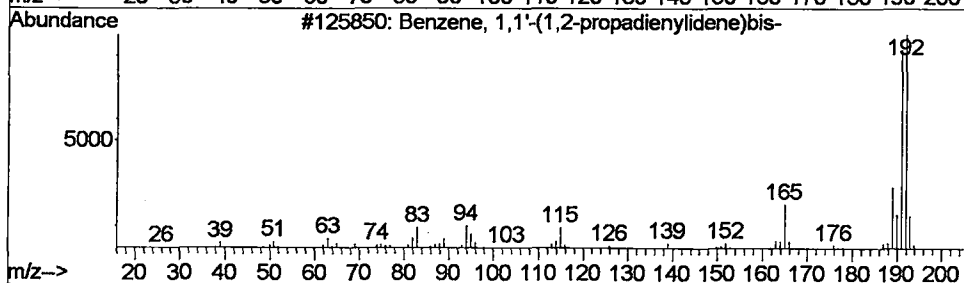
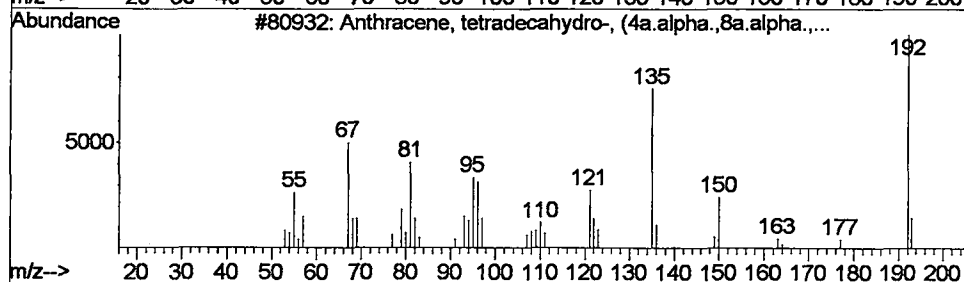
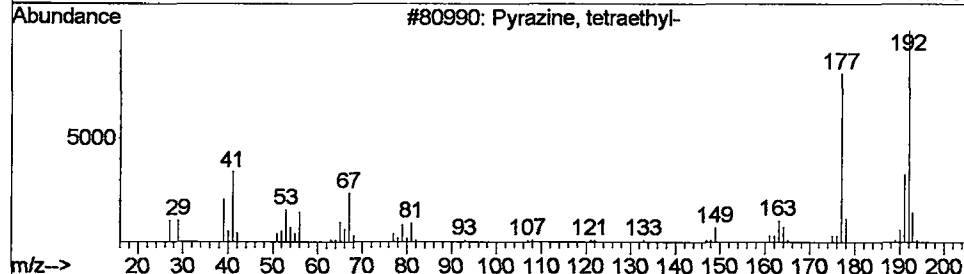
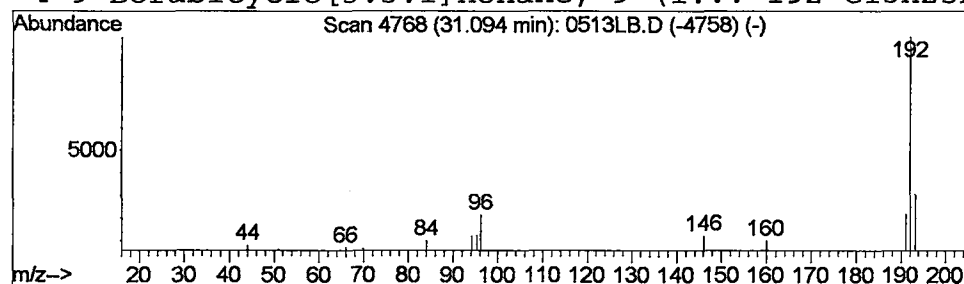
Vial: 4
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 2 Pyrazine, tetraethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.21 ug/l	17470	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrazine, tetraethyl-	192	C12H20N2	038325-19-8	9
2			Anthracene, tetradecahydro-, (4a...	192	C14H24	001755-19-7	9
3			Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	9
4			9-Borabicyclo[3.3.1]nonane, 9-(1...	192	C13H25B	136704-93-3	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\0513LB.D

Acq On : 16 May 2002 12:20 pm

Sample : 05/13 lab blk

Misc :

MS Integration Params: rteint.e

Vial: 4

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

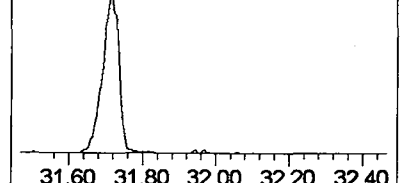
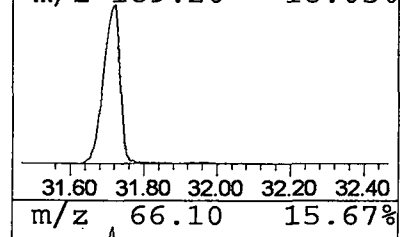
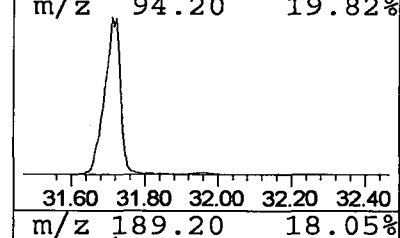
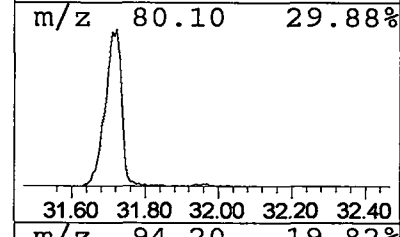
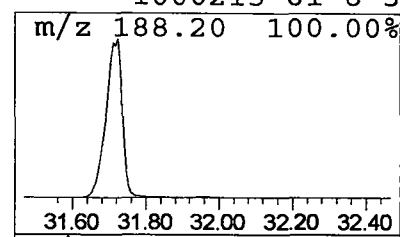
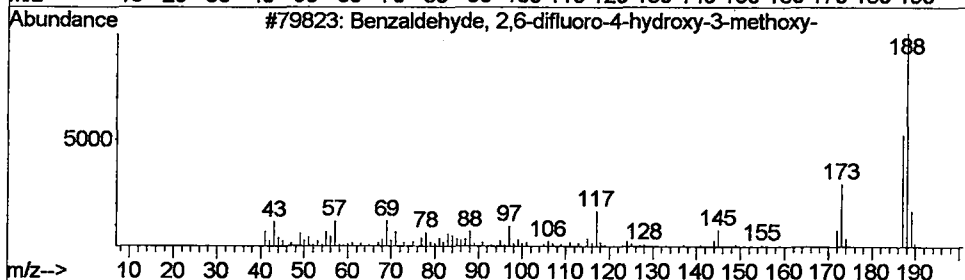
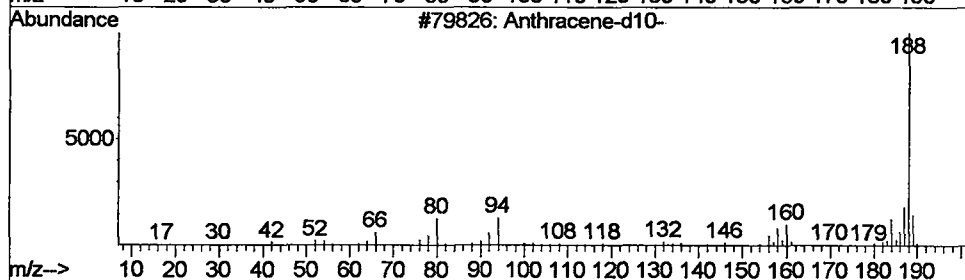
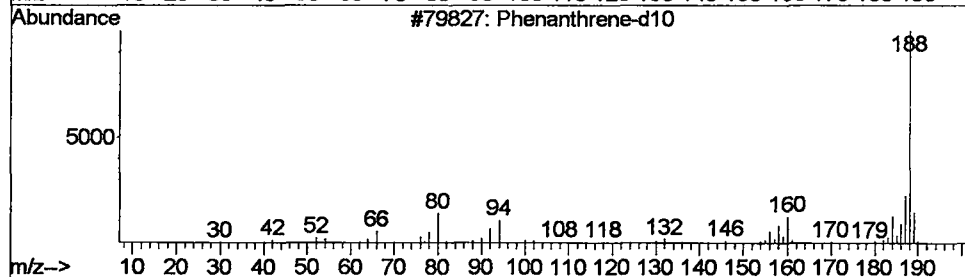
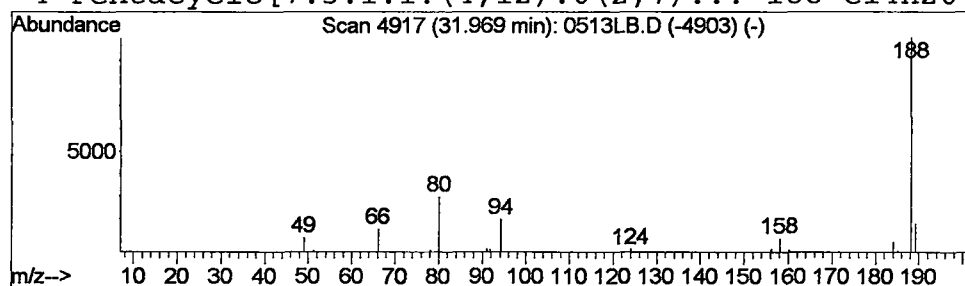
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

Peak Number 3 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.97	0.32 ug/l	26981	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene-d10	188	C14D10	001517-22-2	86
2			Anthracene-d10-	188	C14D10	001719-06-8	38
3			Benzaldehyde, 2,6-difluoro-4-hyd...	188	C8H6F2O3	1000116-28-9	37
4			Pentacyclo[7.3.1.1.(4,12).0(2,7)...]	188	C14H20	1000215-61-8	36



tentatively identified compound (LSC) summary

Operator ID: Nefliu Date Acquired: 16 May 2002 12:20 pm
Data File: C:\MSDCHEM\1\DATA\020516\0513LB.D
Name: 05/13 lab blk
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	#	RT	Resp	Conc
2-Pentanone, 4-hy...	6.16	19.7	ug/l	1189880	1	11.38	2412470	40.0
Pyrazine, tetraet...	31.09	0.2	ug/l	17470	4	31.72	3392080	40.0
Phenanthrene-d10	31.97	0.3	ug/l	26981	4	31.72	3392080	40.0