

User: Nefliu, Marcela
 Westchester Dept. of Labs & Research
 Date: 05/23/2002 Time: 14:28:42

Sample: AE10241
 Analysis: \$B1GCMS Blank for GCMS Scan
 Units: ug
 Started: 5/14/02 14:25 Ended: 5/16/02 14:25 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\0514LB.D

Vial: 5

Acq On : 16 May 2002 1:19 pm

Operator: Nefliu

Sample : 05/14 lab blk

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

Quant Time: May 17 10:34:33 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	313829	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1195146	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	635570	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1090325	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	866788	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	504842	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.55	207	159474	31.41	ug/l	-0.02
Spiked Amount	40.000		Recovery	=	78.53%	

Target Compounds

Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
0514LB.D SCAN020507.M Fri May 17 10:35:58 2002 Page 1

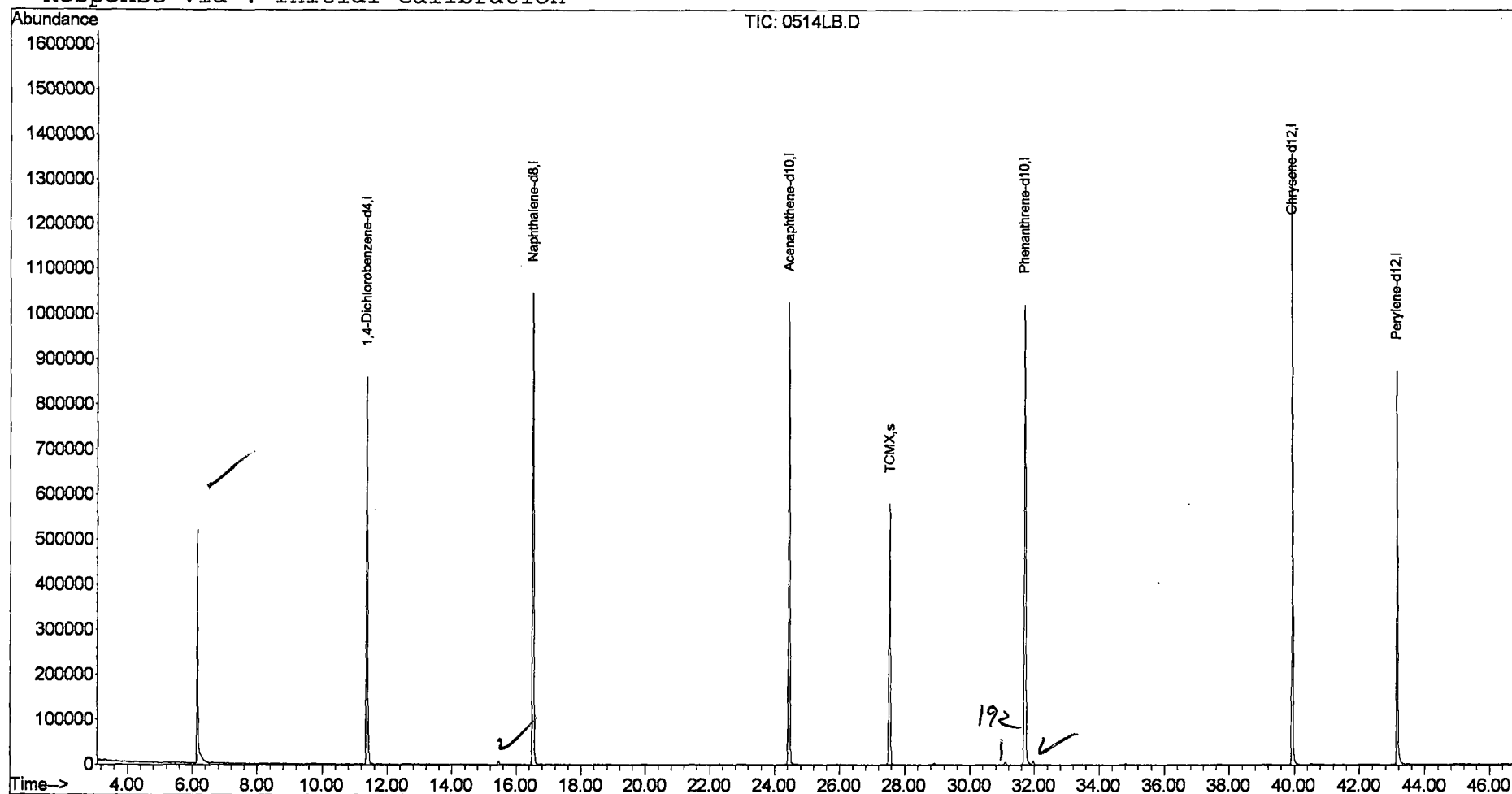
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020516\0514LB.D
 Acq On : 16 May 2002 1:19 pm
 Sample : 05/14 lab blk
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 17 10:35 2002

Vial: 5
 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\0514LB.D

Acq On : 16 May 2002 1:19 pm

Sample : 05/14 lab blk

Misc :

MS Integration Params: rteint.e

Vial: 5

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

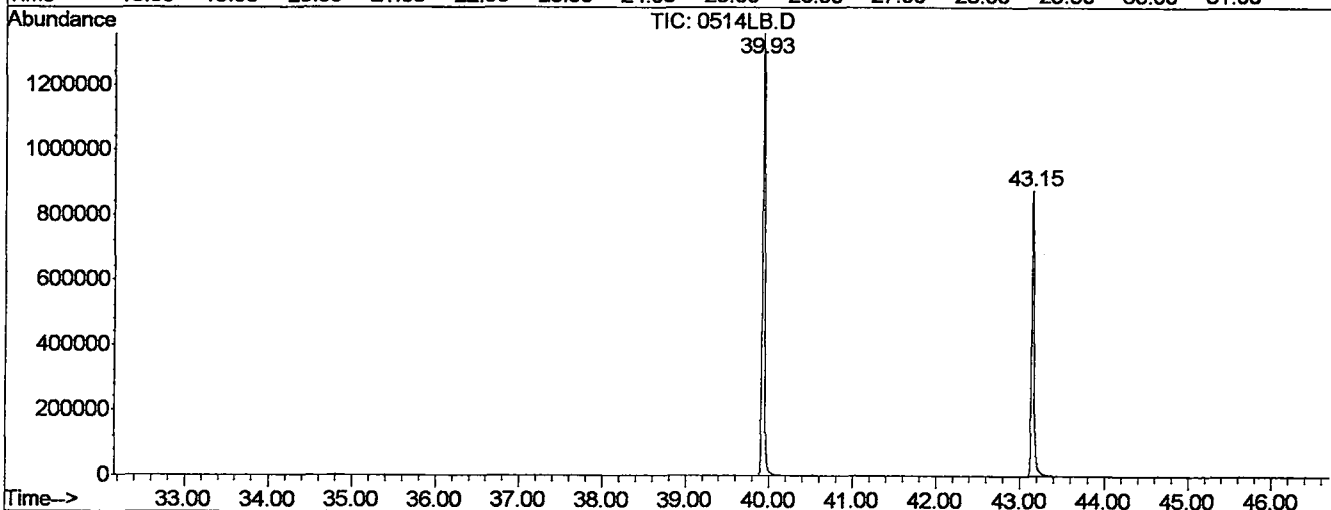
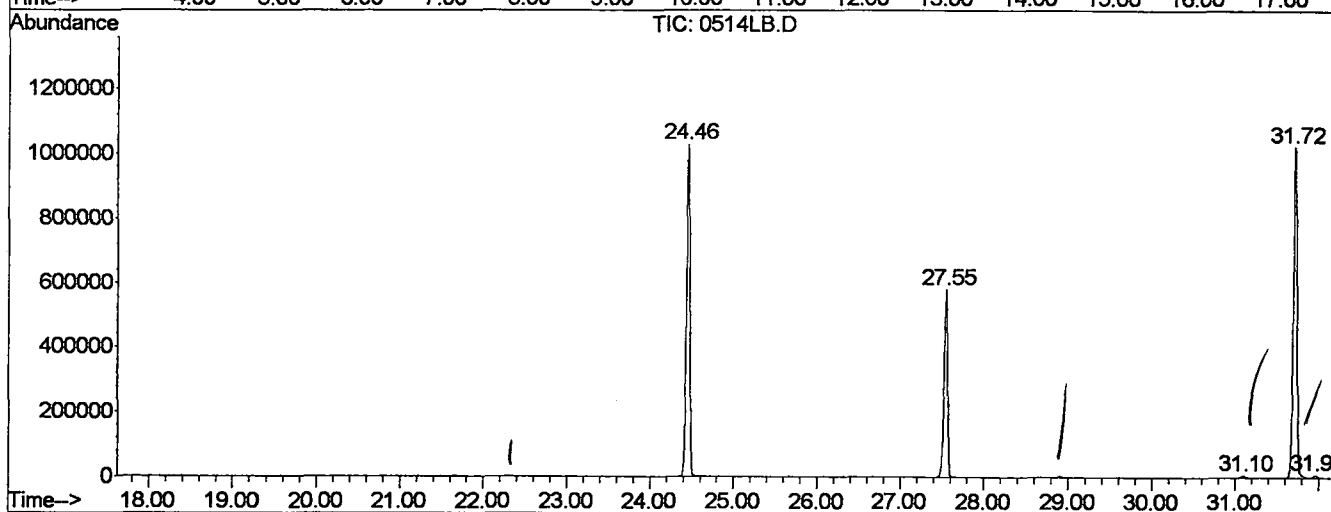
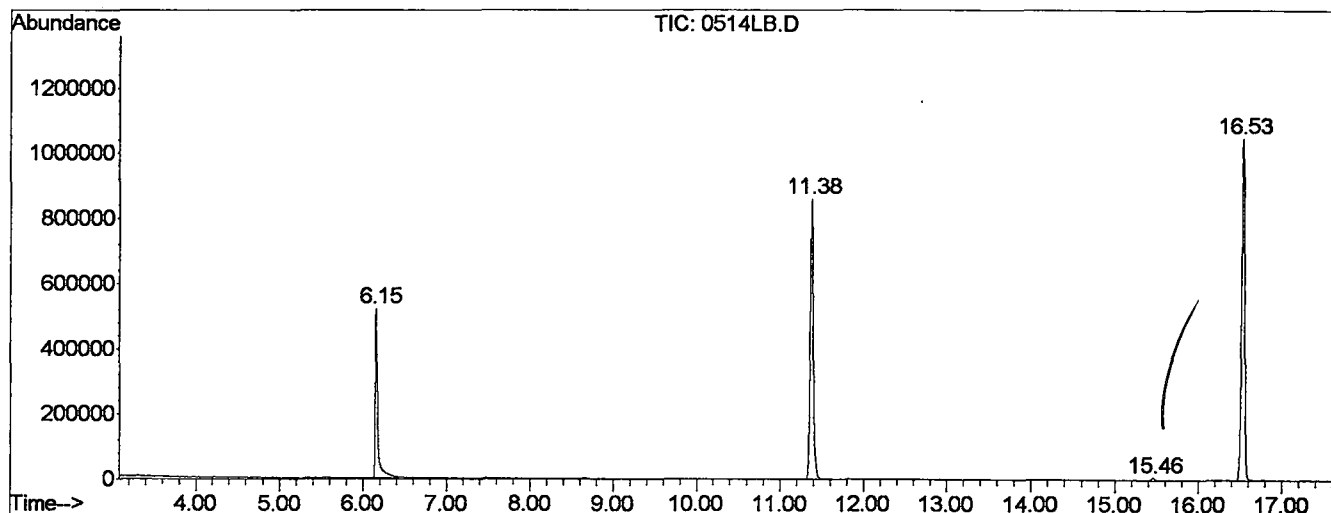
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.152	518	523	569	rBV	518976	1048622	34.14%	5.806%
2	11.376	1401	1412	1432	rBV	859111	2194507	71.45%	12.151%
3	15.459	2098	2107	2117	rVB2	8395	22499	0.73%	0.125%
4	16.534	2272	2290	2306	rBV	1047641	2753877	89.66%	15.248%
5	24.461	3622	3639	3656	rBV	1025951	2860344	93.13%	15.838%
6	27.551	4145	4165	4176	rBV3	579734	1644773	53.55%	9.107%
7	31.100	4756	4769	4783	rVB4	6990	21076	0.69%	0.117%
8	31.717	4852	4874	4897	rBV2	1022148	3071486	100.00%	17.007%
9	31.958	4905	4915	4924	rVB2	8160	22631	0.74%	0.125%
10	39.931	6260	6272	6293	rBV2	1358071	2639590	85.94%	14.616%
11	43.151	6806	6820	6852	rBV2	875024	1780587	57.97%	9.859%

Sum of corrected areas: 18059992

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020516\0514LB.D
 Operator : Nefliu
 Acquired : 16 May 2002 1:19 pm using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: 05/14 lab blk
 Misc Info :
 Vial Number: 5
 Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\0514LB.D

Acq On : 16 May 2002 1:19 pm

Sample : 05/14 lab blk

Misc :

MS Integration Params: rteint.e

Vial: 5

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

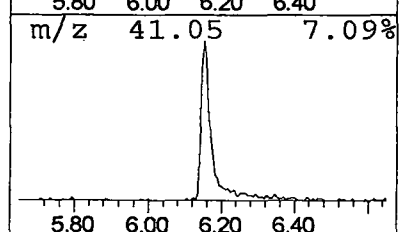
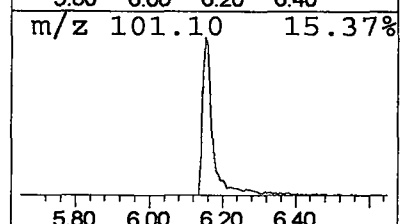
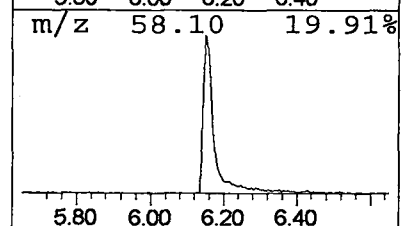
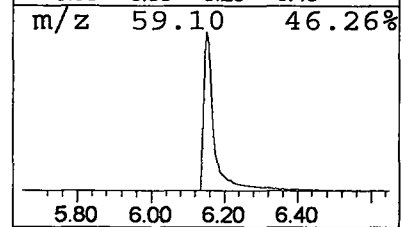
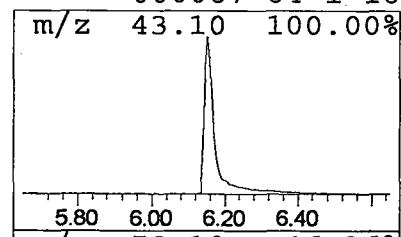
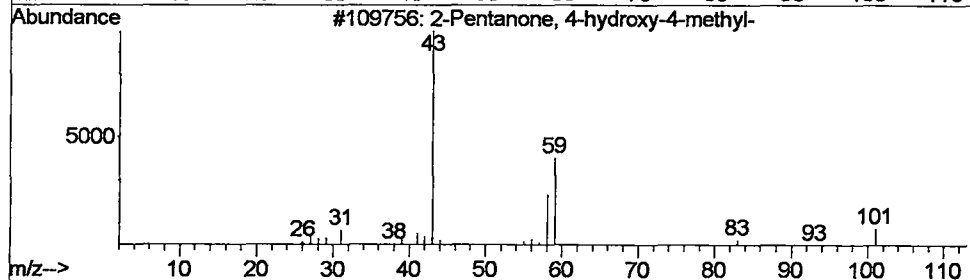
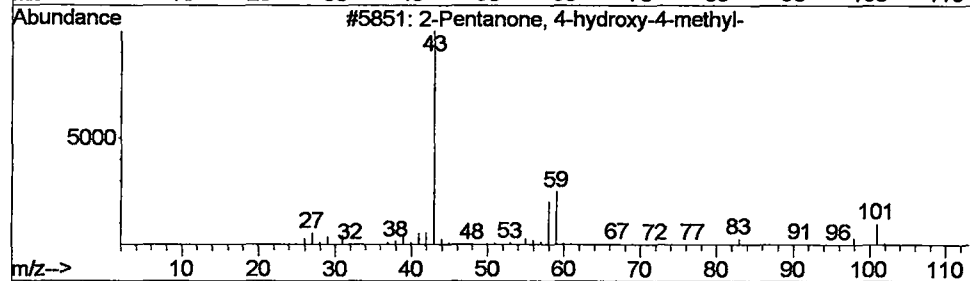
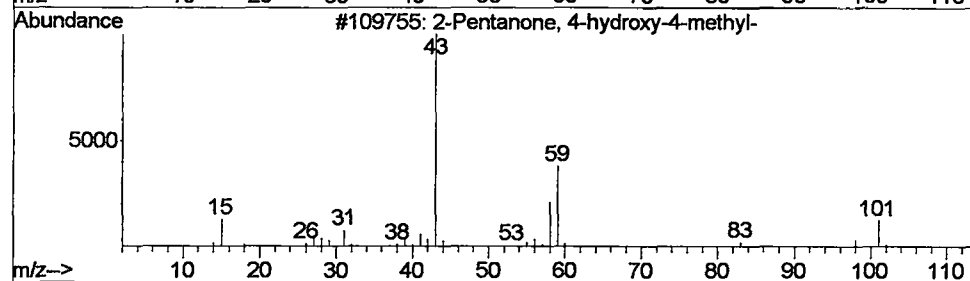
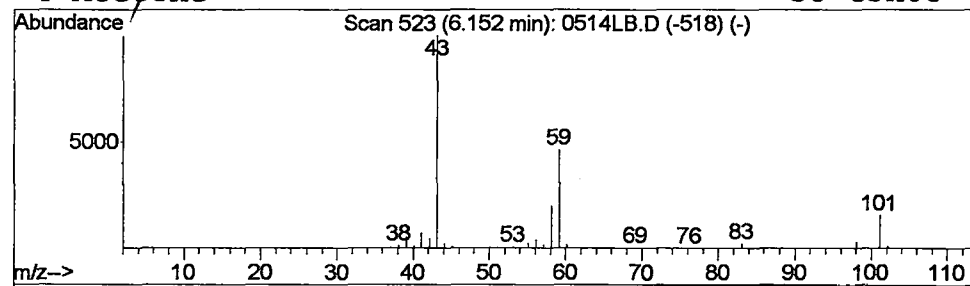
Title : Method 508 GC/MS Scan

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.
6.15	19.11 ug/l	1048620	1,4-Dichlorobenzene-d4	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1	5	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\0514LB.D

Acq On : 16 May 2002 1:19 pm

Sample : 05/14 lab blk

Misc :

MS Integration Params: rteint.e

Vial: 5

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

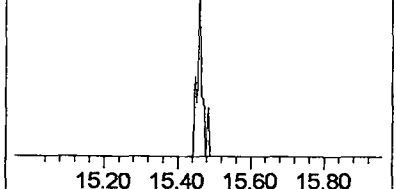
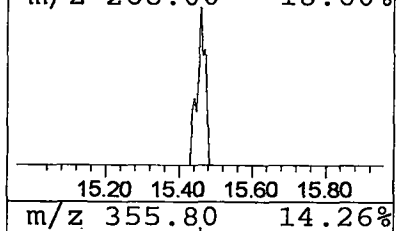
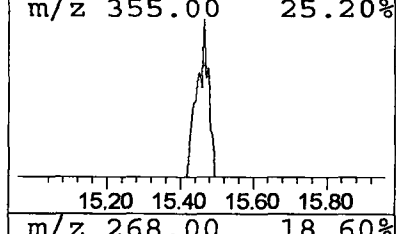
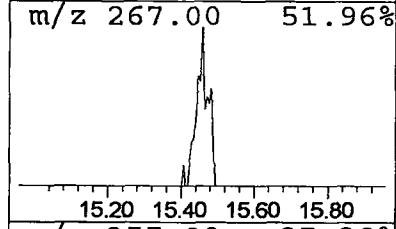
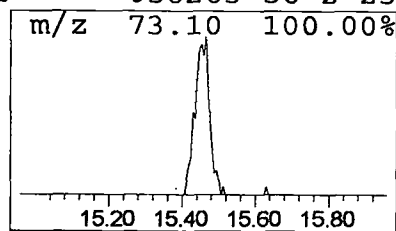
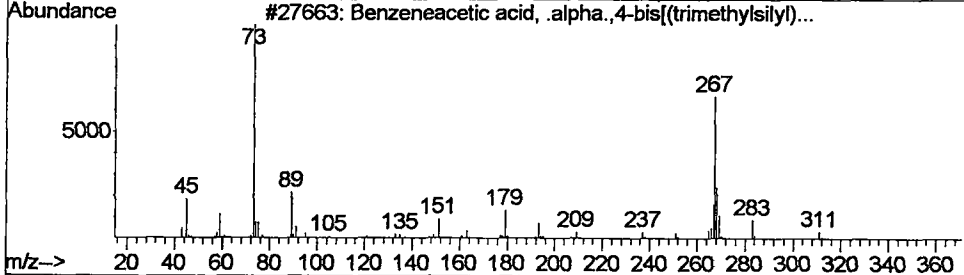
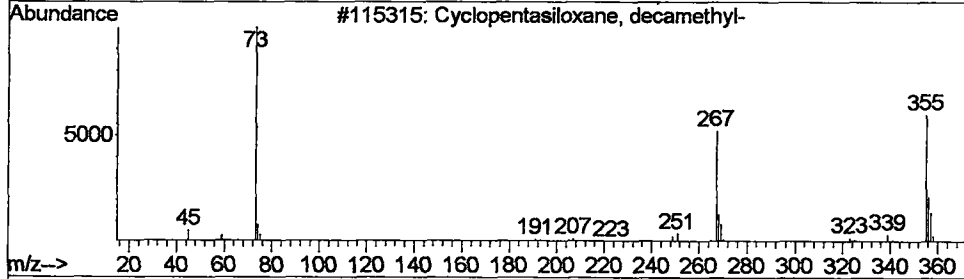
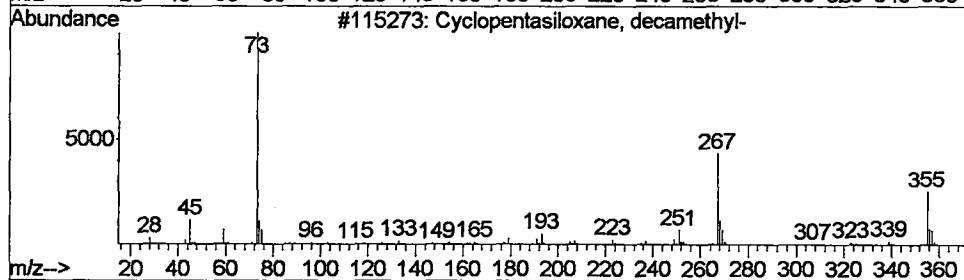
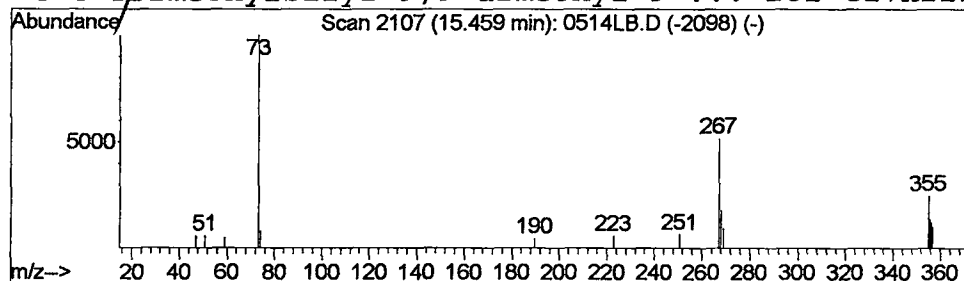
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	0.33 ug/l	22499	Naphthalene-d8	16.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	53
2		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	42
3		Benzeneacetic acid, .alpha.,4-bi...	326	C15H26O4Si2	055334-40-2	25
4		4-Trimethylsilyl-9,9-dimethyl-9-...	282	C17H22Si2	058263-56-2	23



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\0514LB.D

Acq On : 16 May 2002 1:19 pm

Sample : 05/14 lab blk

Misc :

MS Integration Params: rteint.e

Vial: 5

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

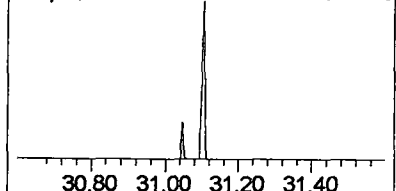
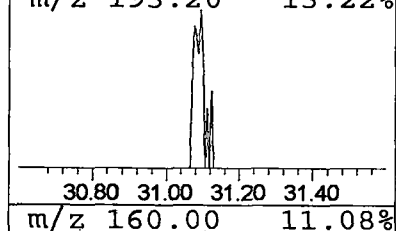
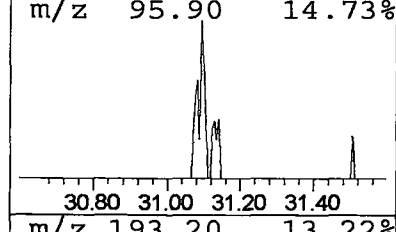
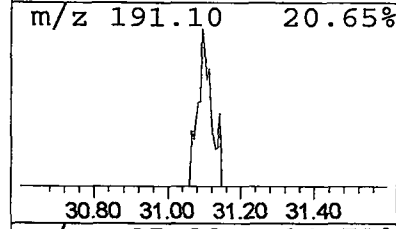
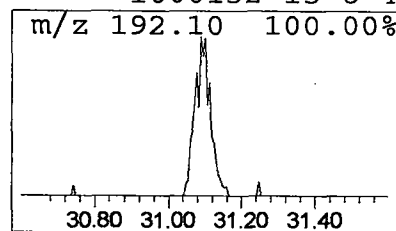
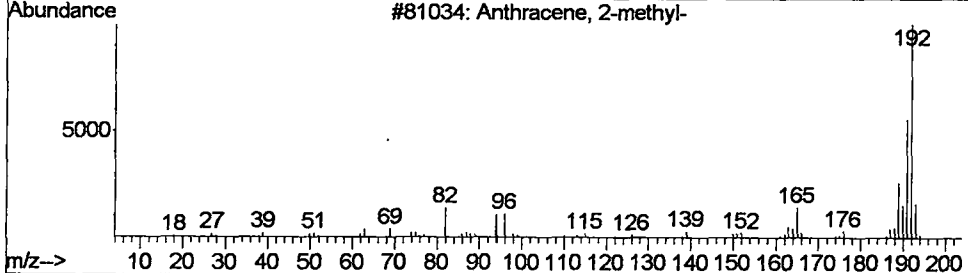
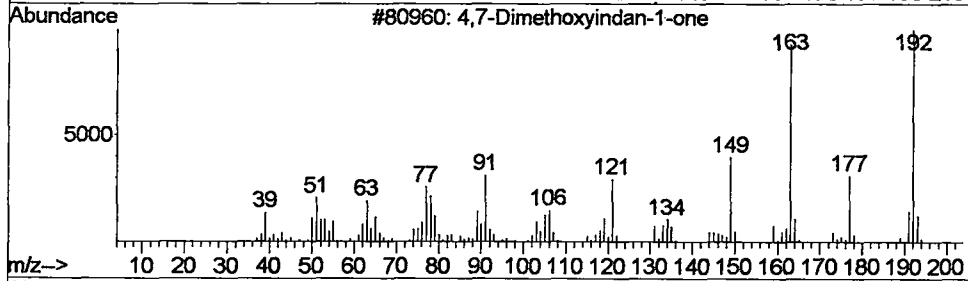
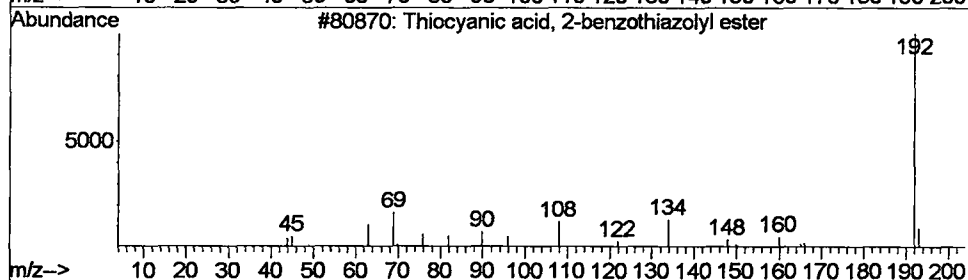
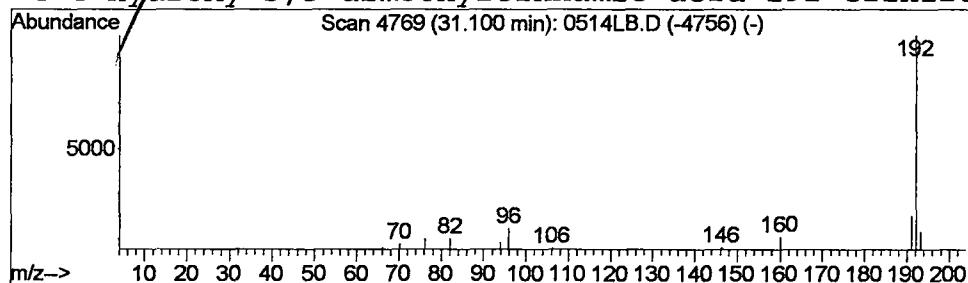
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.10	0.27 ug/l	21076	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	53
2		4,7-Dimethoxyindan-1-one	192	C11H12O3	052428-09-8	53
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
4		4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	42



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\0514LB.D

Acq On : 16 May 2002 1:19 pm

Sample : 05/14 lab blk

Misc :

MS Integration Params: rteint.e

Vial: 5

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

Title : Method 508 GC/MS Scan

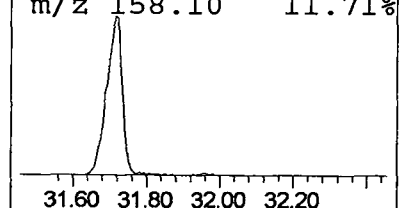
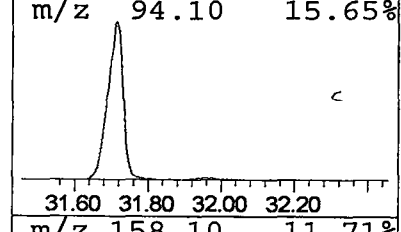
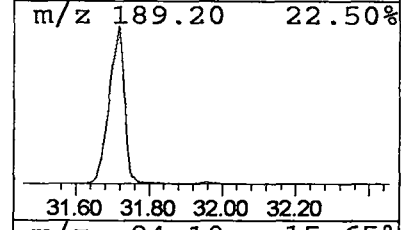
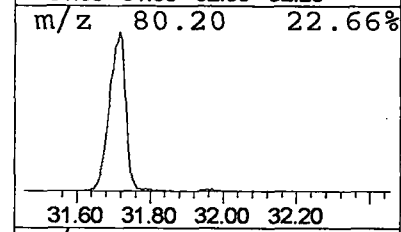
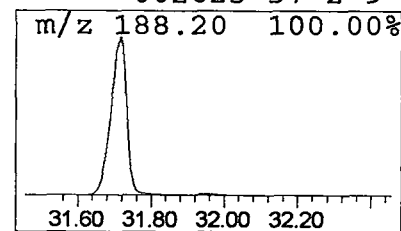
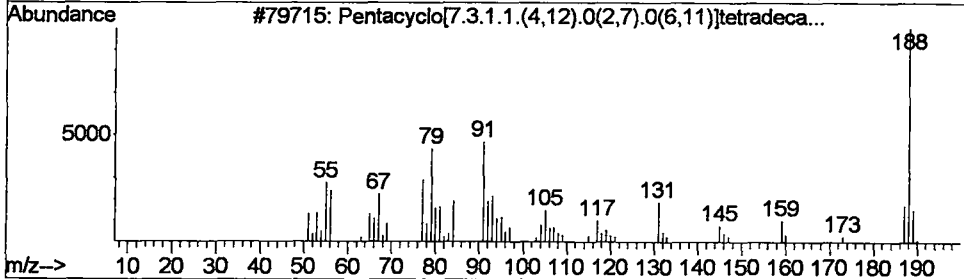
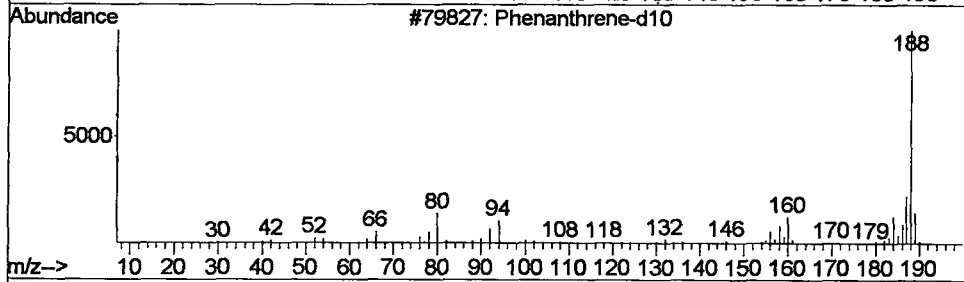
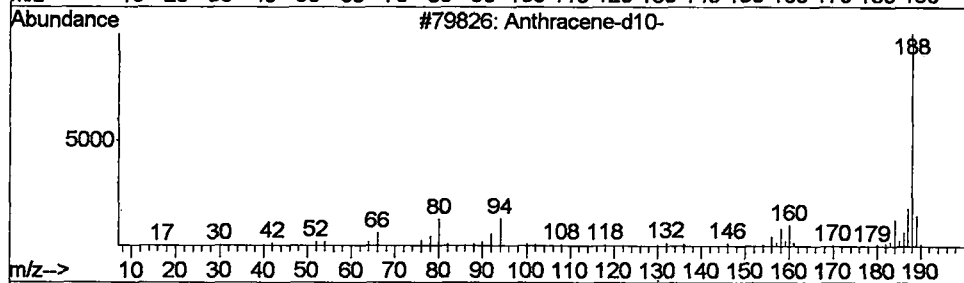
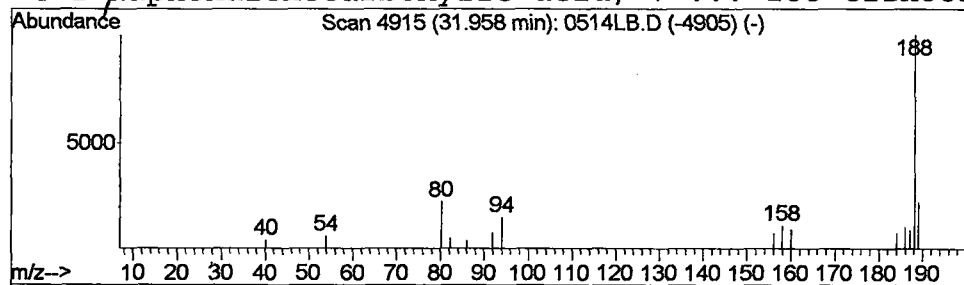
Library : C:\DATABASE\nist98.l

Peak Number 4 Anthracene-d10-

Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.29 ug/l	22631	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			Pentacyclo[7.3.1.1.(4,12).0(2,7)...	188	C14H20	1000215-61-8	45
4			1-Naphthalenecarboxylic acid, 7-...	188	C11H8O3	002623-37-2	9



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 16 May 2002 1:19 pm
Data File: C:\MSDCHEM\1\DATA\020516\0514LB.D
Name: 05/14 lab blk
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title: Method 508 GC/MS Scan
Library Searched: C:\DATABASE\nist98.l

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	6.15	19.1	ug/l	1048620	1	11.38	2194510	40.0
Cyclopentasiloxan...	15.46	0.3	ug/l	22499	2	16.53	2753880	40.0
Thiocyanic acid, ...	31.10	0.3	ug/l	21076	4	31.72	3071490	40.0
Anthracene-d10-	31.96	0.3	ug/l	22631	4	31.72	3071490	40.0