

User: Nefliu, Marcela
 Vestchester Dept. of Labs & Research
 Date: 05/16/2002 Time: 15:00:50

Sample: AE11157
 Analysis: \$B1GCMS Blank for GCMS Scan
 Units: ug
 Started: 5/13/02 14:57 Ended: 5/15/02 14:57 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\020515\0513LB1.D

Vial: 3

Acq On : 15 May 2002 1:48 pm

Operator: Nefliu

Sample : 05/13 lab blk

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

Quant Time: May 15 15:22:42 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	11.37	152	398205	40.00	ug/l	-0.02
10) Naphthalene-d8	16.53	136	1483681	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	798046	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1345060	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	971431	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	646629	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.55	207	222646	34.92	ug/l	-0.02
Spiked Amount	40.000		Recovery	=	87.30%	

Target Compounds

43) Bis(2-ethylhexyl)phthalate	40.52	149	33954	1.63	ug/l	Qvalue 95
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(#) = qualifier out of range (m) = manual integration (+) = signals summed
0513LB1.D SCAN020507.M Thu May 16 14:42:59 2002 Page 1

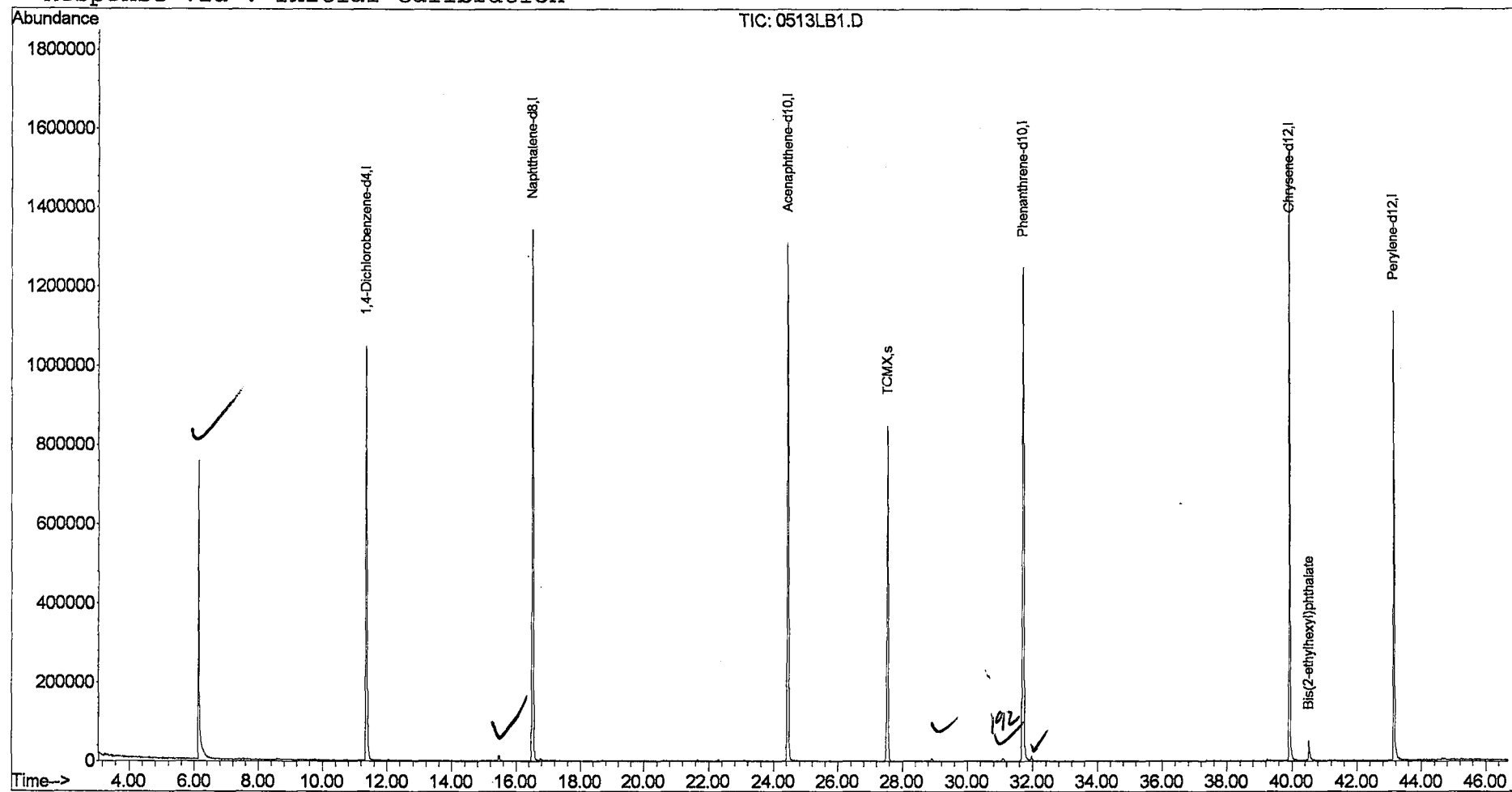
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020515\0513LB1.D
 Acq On : 15 May 2002 1:48 pm
 Sample : 05/13 lab blk
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 16 14:42 2002

Vial: 3
 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\0513LB1.D

Vial: 3

Acq On : 15 May 2002 1:48 pm

Operator: Nefliu

Sample : 05/13 lab blk

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

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

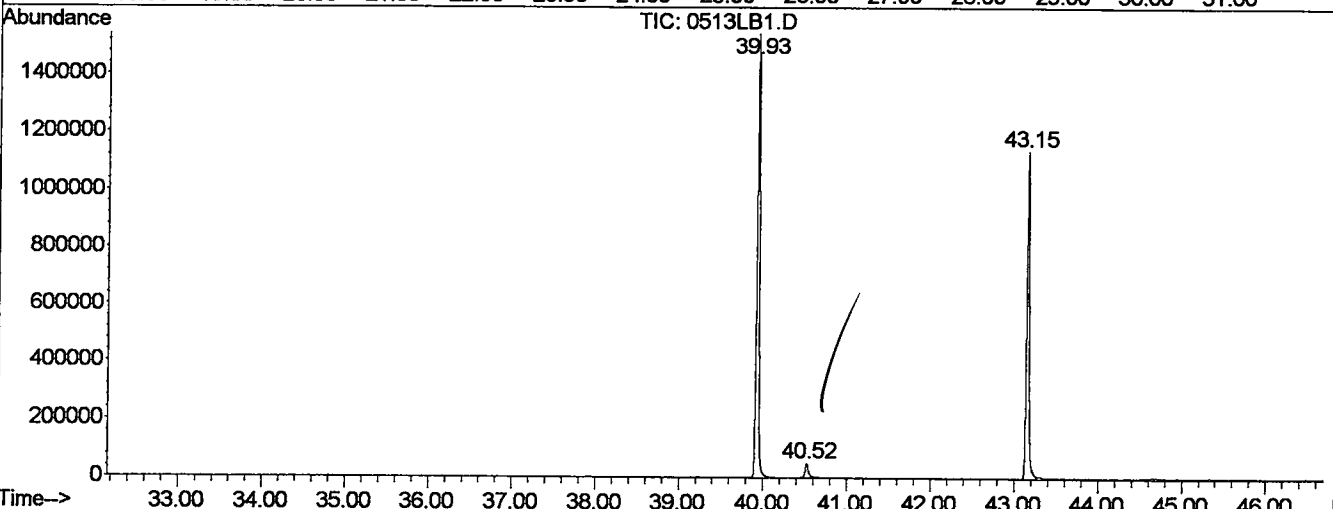
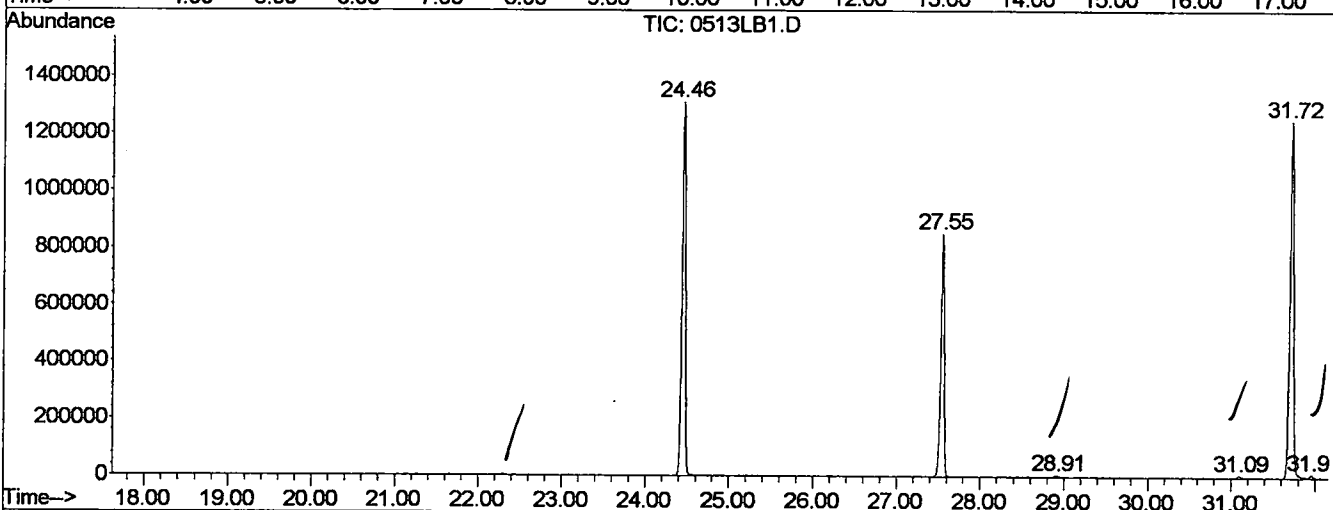
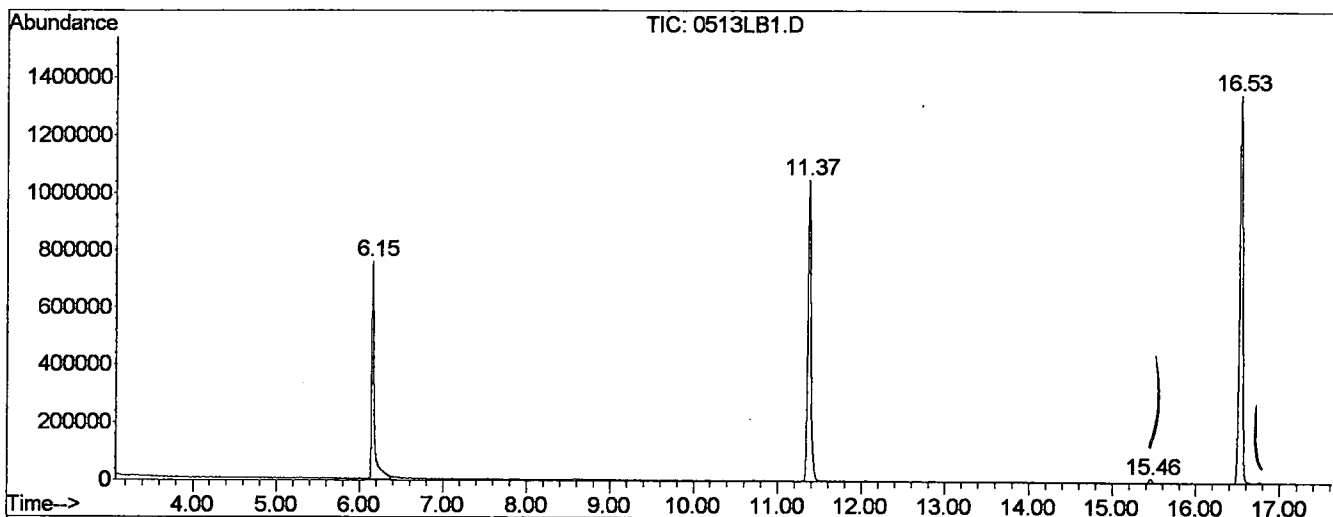
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.152	516	523	560	rBV	755491	1555836	41.39%	6.771%
2	11.370	1398	1411	1434	rBV	1046563	2769483	73.69%	12.053%
3	15.459	2095	2107	2117	rBV3	13466	39015	1.04%	0.170%
4	16.534	2276	2290	2312	rBV	1345762	3460179	92.06%	15.059%
5	24.461	3624	3639	3661	rBV	1311197	3616481	96.22%	15.739%
6	27.551	4145	4165	4177	rBV2	849149	2284637	60.79%	9.943%
7	28.914	4384	4397	4404	rBV6	6899	20977	0.56%	0.091%
8	31.094	4757	4768	4778	rBV3	8209	27190	0.72%	0.118%
9	31.717	4853	4874	4895	rBV3	1248699	3758513	100.00%	16.357%
10	31.964	4908	4916	4933	rVB3	11681	34048	0.91%	0.148%
11	39.931	6262	6272	6295	rBV2	1540431	3004925	79.95%	13.077%
12	40.524	6364	6373	6392	rBV2	49950	137633	3.66%	0.599%
13	43.151	6808	6820	6840	rBV2	1135980	2269270	60.38%	9.876%

Sum of corrected areas: 22978187

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020515\0513LB1.D
 Operator : Nefliu
 Acquired : 15 May 2002 1:48 pm using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: 05/13 lab blk
 Misc Info :
 Vial Number: 3
 Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\0513LB1.D
 Acq On : 15 May 2002 1:48 pm
 Sample : 05/13 lab blk
 Misc :
 MS Integration Params: rteint.e

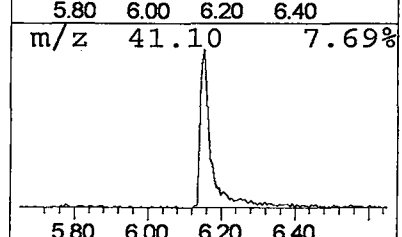
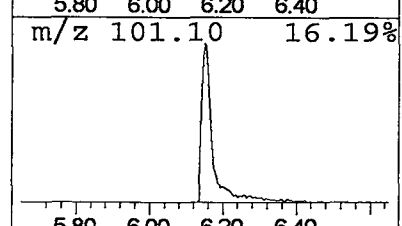
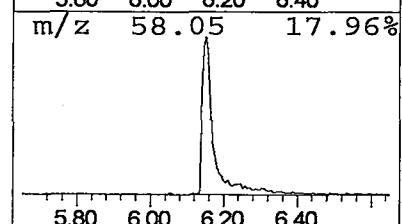
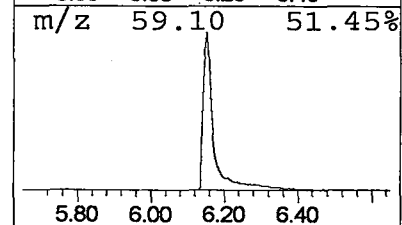
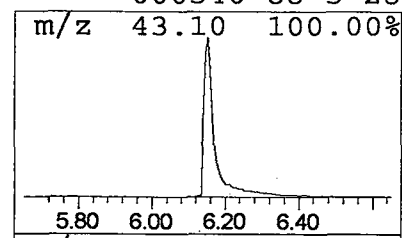
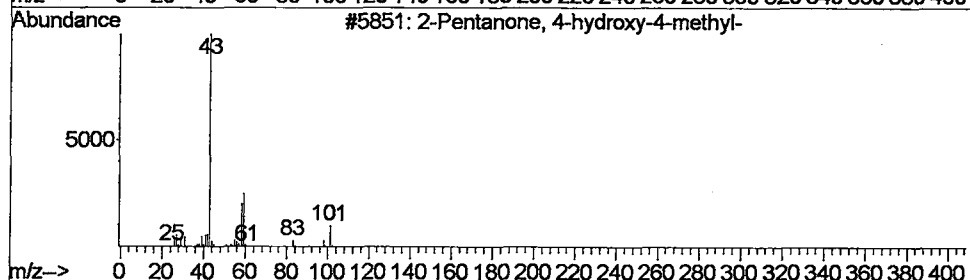
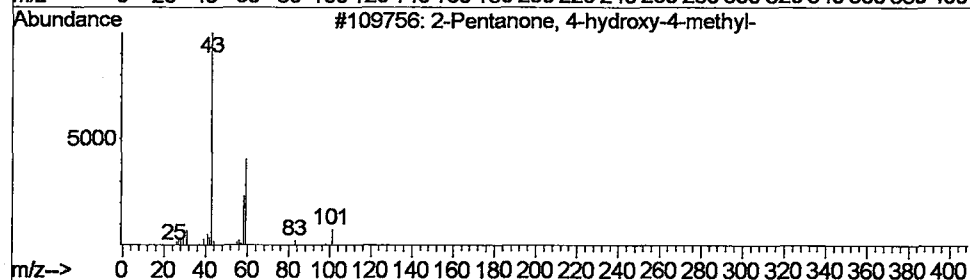
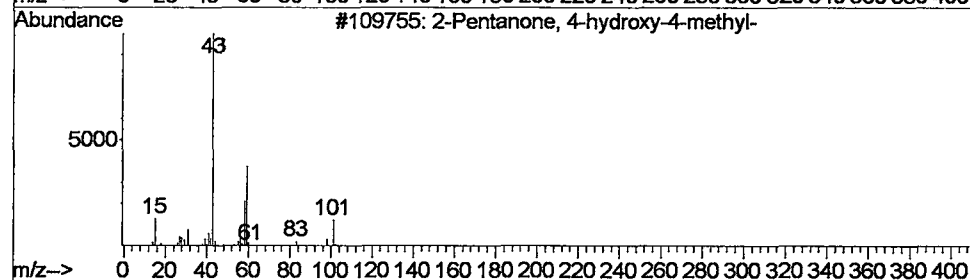
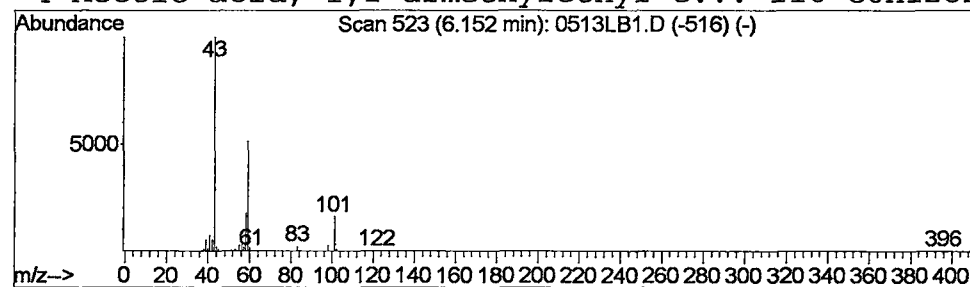
Vial: 3
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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	22.47 ug/l	1555840	1,4-Dichlorobenzene-d4	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36		
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28		



Library Search Compound Report

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 Acq On : 15 May 2002 1:48 pm
 Sample : 05/13 lab blk
 Misc :
 MS Integration Params: rteint.e

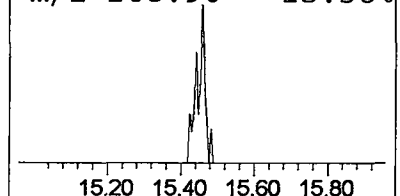
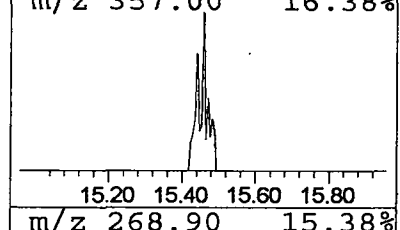
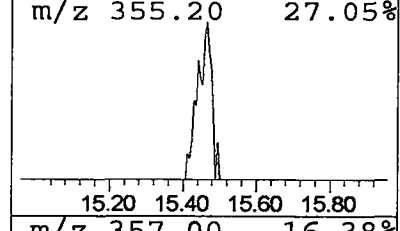
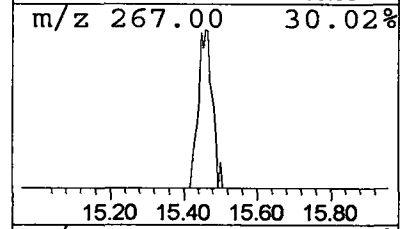
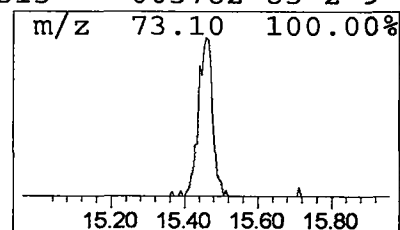
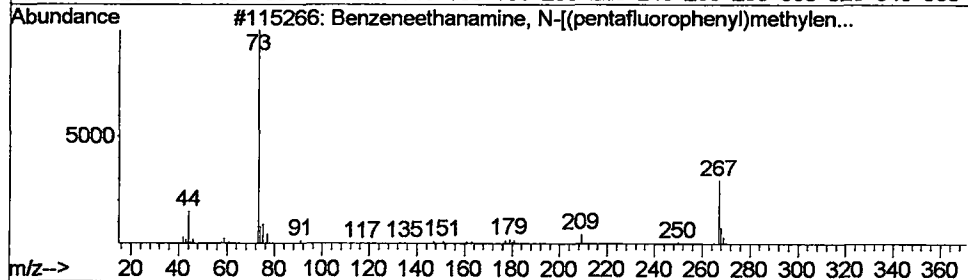
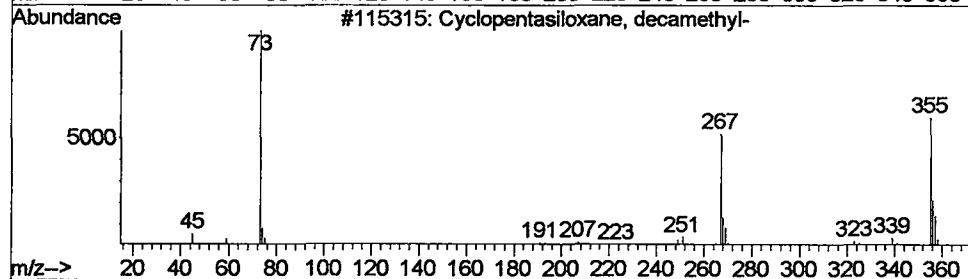
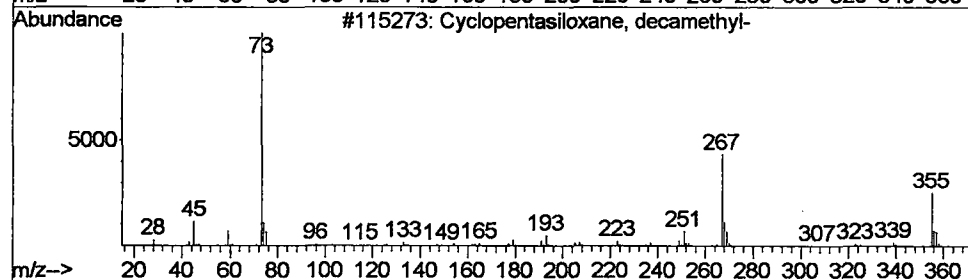
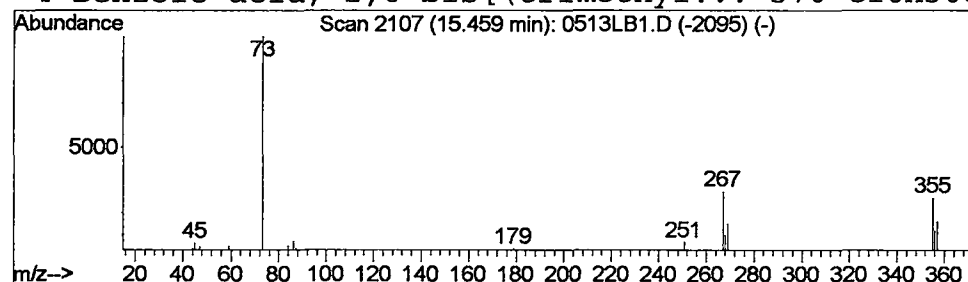
Vial: 3
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	0.45 ug/l	39015	Naphthalene-d8	16.53

Hit#	of	Tentative .ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	50
2		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	39
3		Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	23
4		Benzoic acid, 2,6-bis[(trimethyl...	370	C16H30O4Si3	003782-85-2	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\0513LB1.D

Acq On : 15 May 2002 1:48 pm

Sample : 05/13 lab blk

Misc :

MS Integration Params: rteint.e

Vial: 3

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

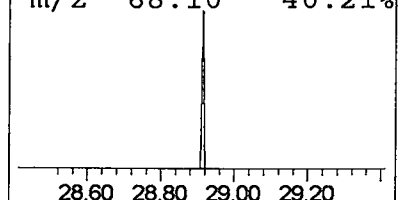
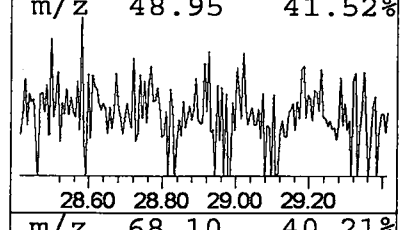
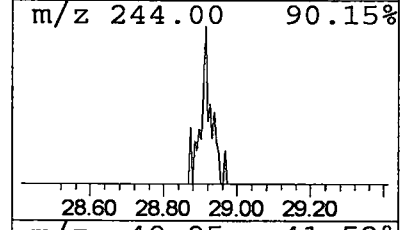
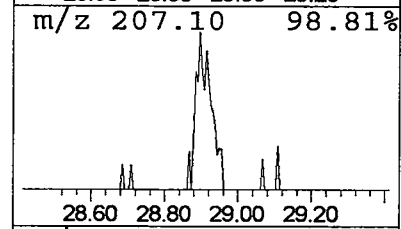
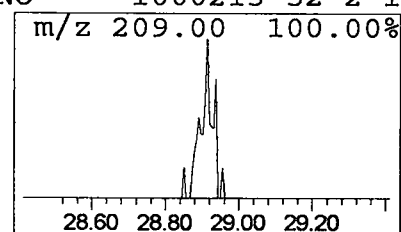
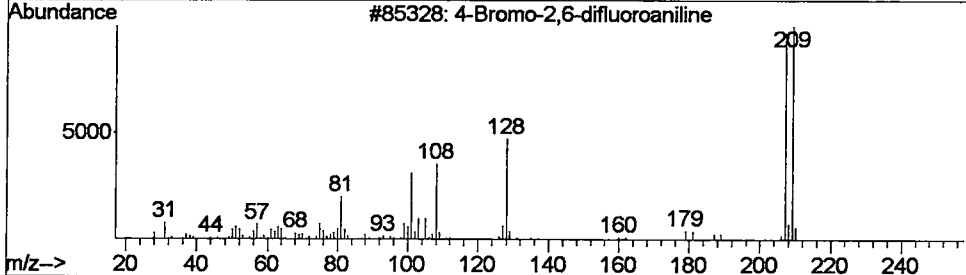
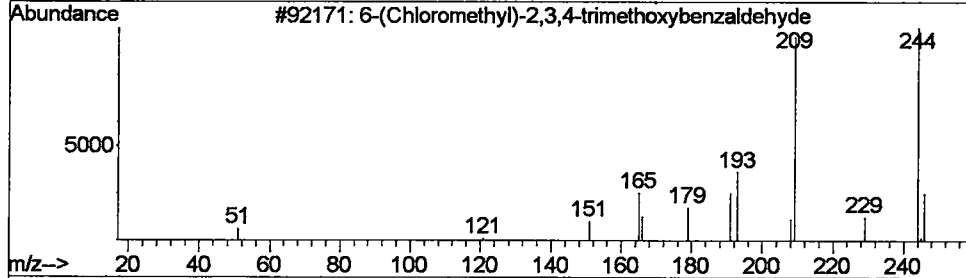
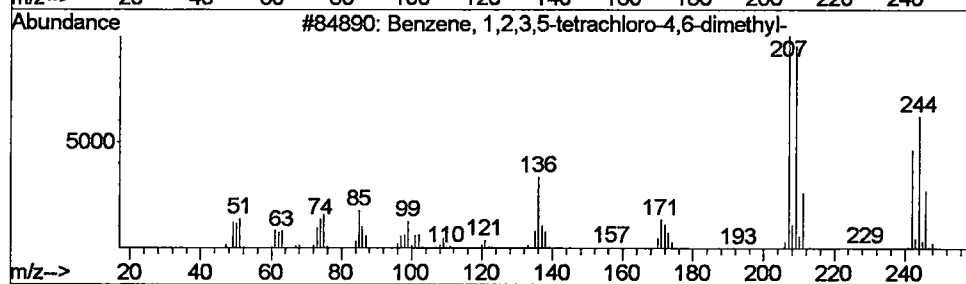
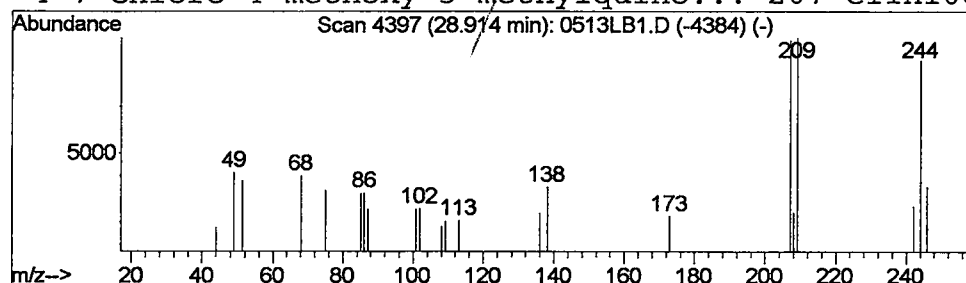
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

Peak Number 3 Benzene, 1,2,3,5-tetrachlor... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.91	0.22 ug/l	20977	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetrachloro-4,6...	242	C8H6Cl4	000877-09-8	64
2		6-(Chloromethyl)-2,3,4-trimethox...	244	C11H13ClO4	075676-80-1	43
3		4-Bromo-2,6-difluoroaniline	207	C6H4BrF2N	067567-26-4	18
4		7-Chloro-4-methoxy-3-methylquino...	207	C11H10ClNO	1000213-52-2	14



Library Search Compound Report

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Vial: 3

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

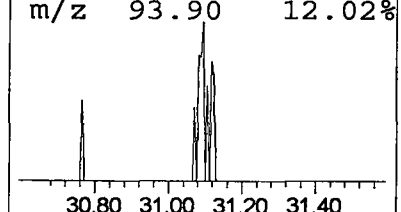
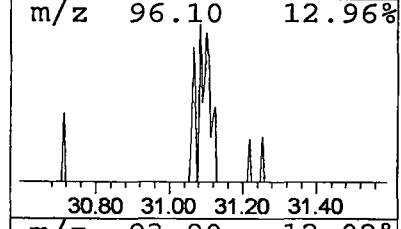
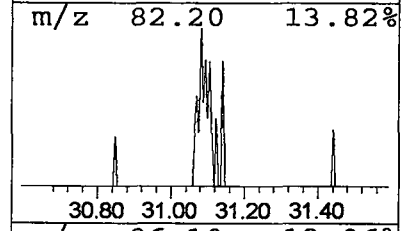
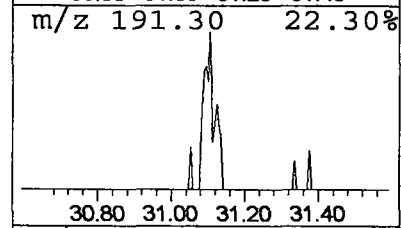
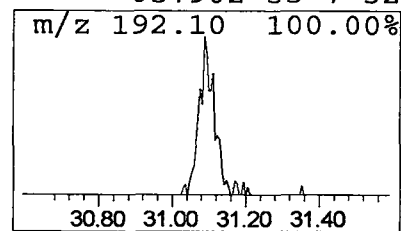
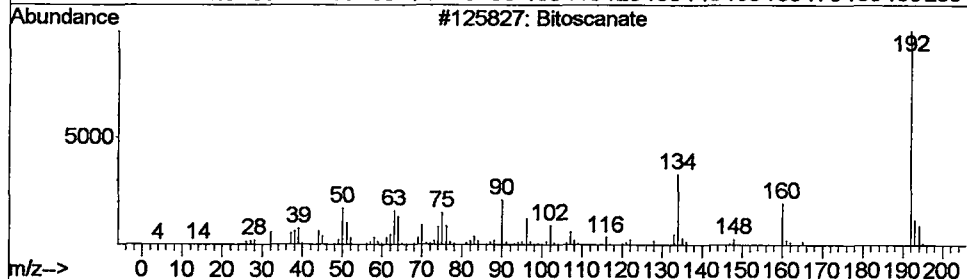
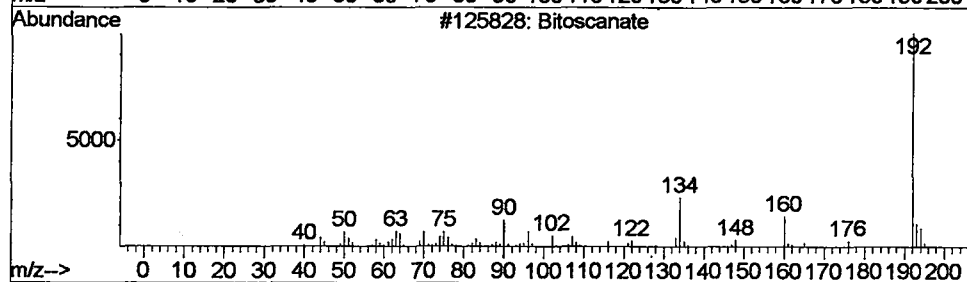
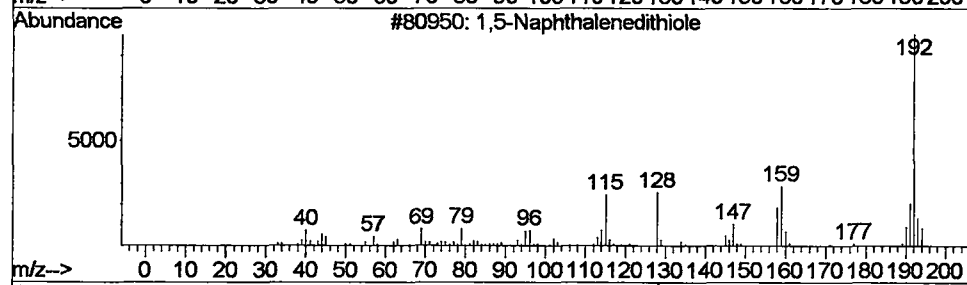
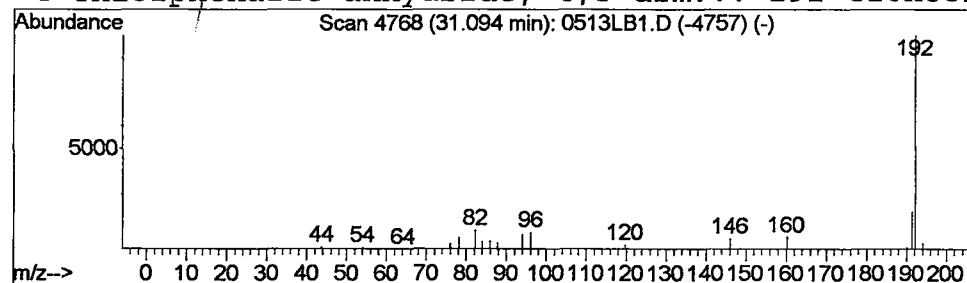
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 4 1,5-Naphthalenedithiolo Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.29 ug/l	27190	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,5-Naphthalenedithiolo	192	C10H8S2	1000223-69-5	50
2			Bitoscanate	192	C8H4N2S2	004044-65-9	38
3			Bitoscanate	192	C8H4N2S2	004044-65-9	37
4			Thiolphthalic anhydride, 4,5-dim...	192	C10H8O2S	057902-33-7	32



Library Search Compound Report

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Acq On : 15 May 2002 1:48 pm
Sample : 05/13 lab blk
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MS Integration Params: rteint.e

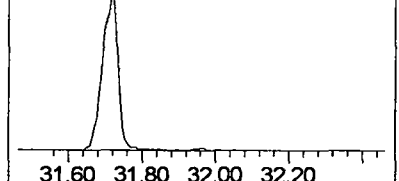
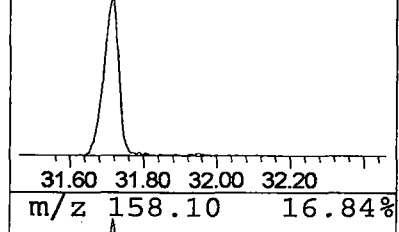
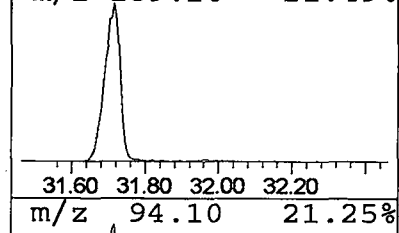
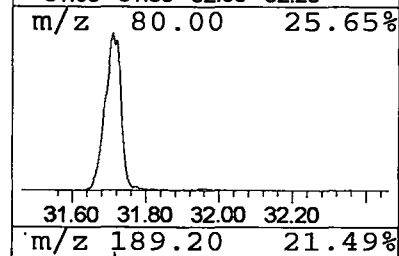
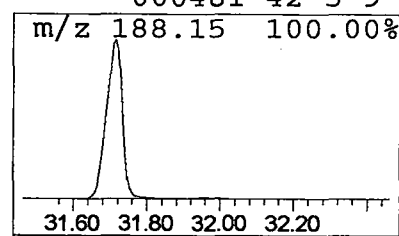
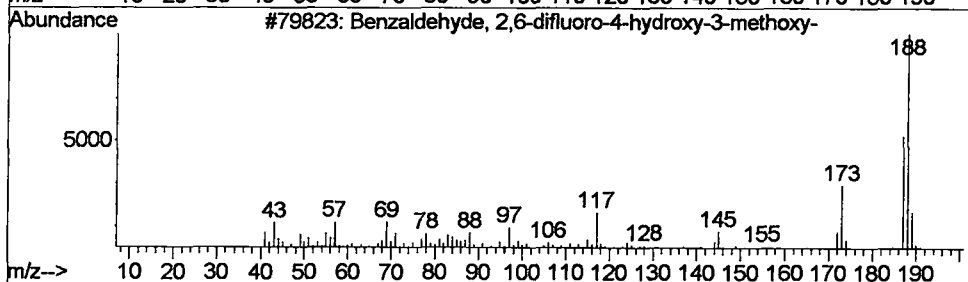
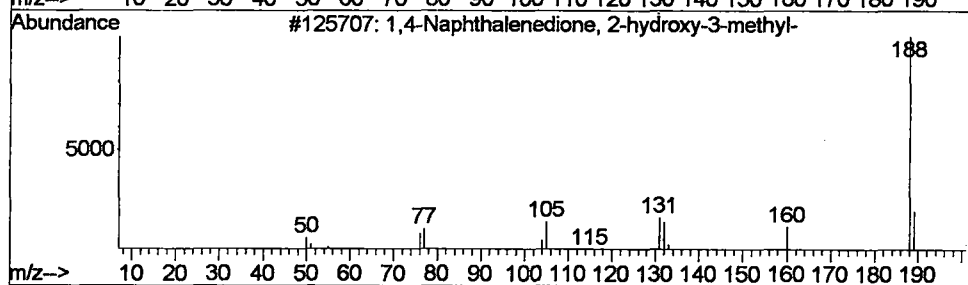
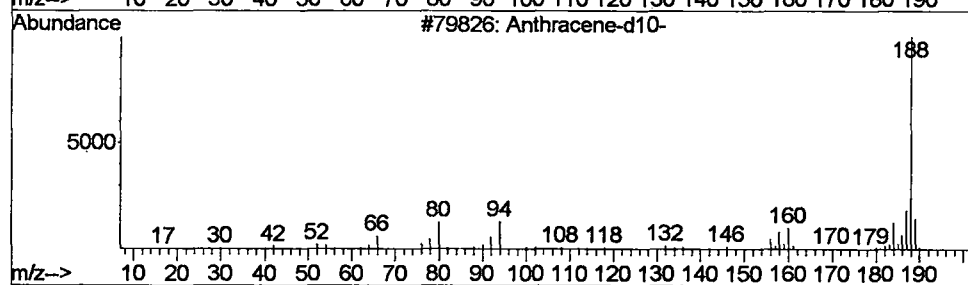
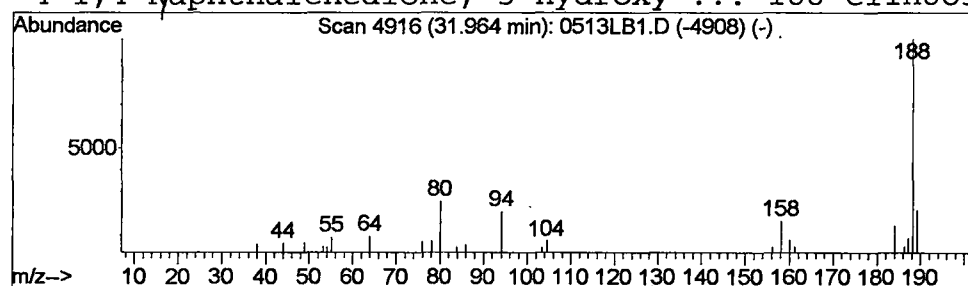
Vial: 3
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 5 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.36 ug/l	34048	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene-d10-	188	C14D10	001719-06-8	53
2		1,4-Naphthalenedione, 2-hydroxy-...	188	C11H8O3	000483-55-6	43
3		Benzaldehyde, 2,6-difluoro-4-hyd...	188	C8H6F2O3	1000116-28-9	25
4		1,4-Naphthalenedione, 5-hydroxy-...	188	C11H8O3	000481-42-5	9



tentatively identified compound (LSC) summary

Operator ID: Nefliu Date Acquired: 15 May 2002 1:48 pm
Data File: C:\MSDCHEM\1\DATA\020515\0513LB1.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.l

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
✓ 2-Pentanone, 4-hy...	6.15	22.5	ug/l	1555840	1	11.37	2769480	40.0
✓ Cyclopentasiloxan...	15.46	0.5	ug/l	39015	2	16.53	3460180	40.0
Benzene, 1,2,3,5-...	28.91	0.2	ug/l	20977	4	31.72	3758510	40.0
✓ 1,5-Naphthalenedi...	31.09	0.3	ug/l	27190	4	31.72	3758510	40.0
Anthracene-d10-	31.96	0.4	ug/l	34048	4	31.72	3758510	40.0