User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:21:48

Sample: AE10698
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 5/6/02 11:16 Ended: 5/13/02 11:16 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\020513\0506LB.D Vial: 3
Acq On : 13 May 2002 2:29 pm Operator: Nefliu
Sample : 05/06 lab blk Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 14 15:45:51 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 09 09:21:01 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

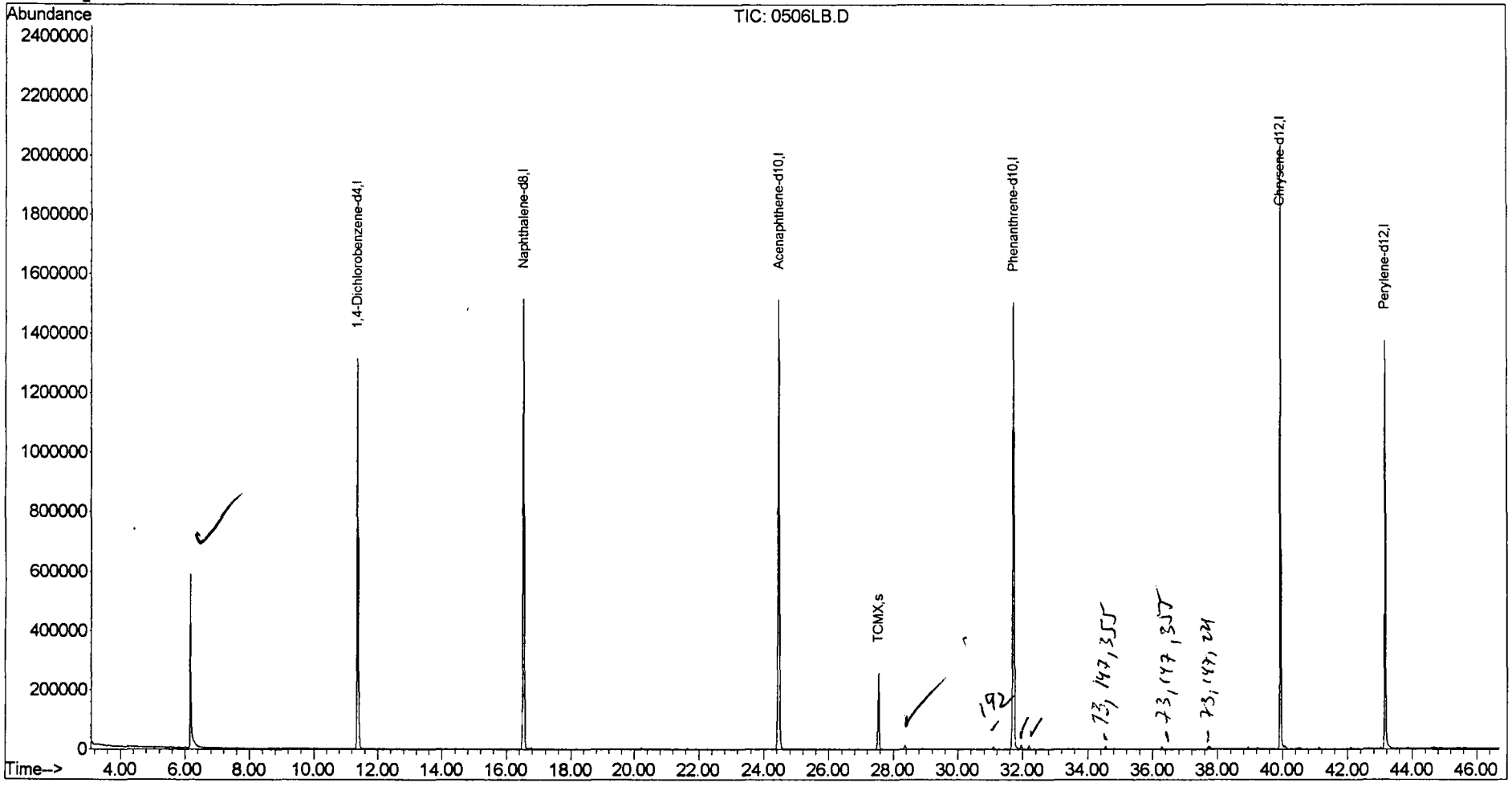
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.37	152	472184	40.00	ug/l	-0.02
10) Naphthalene-d8	16.53	136	1768375	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	946786	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1629670	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1308337	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	804449	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.54	207	68728	9.09	ug/l	-0.04
Spiked Amount 10.000			Recovery = 90.90%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
0506LB.D SCAN020507.M Tue May 14 15:47:05 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020513\0506LB.D Vial: 3
Acq On : 13 May 2002 2:29 pm Operator: Nefliu
Sample : 05/06 lab blk Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 14 15:47 2002 Quant Results File: SCAN020507.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu May 09 09:21:01 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020513\0506LB.D Vial: 3
Acq On : 13 May 2002 2:29 pm Operator: Nefliu
Sample : 05/06 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: 0.7 % 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

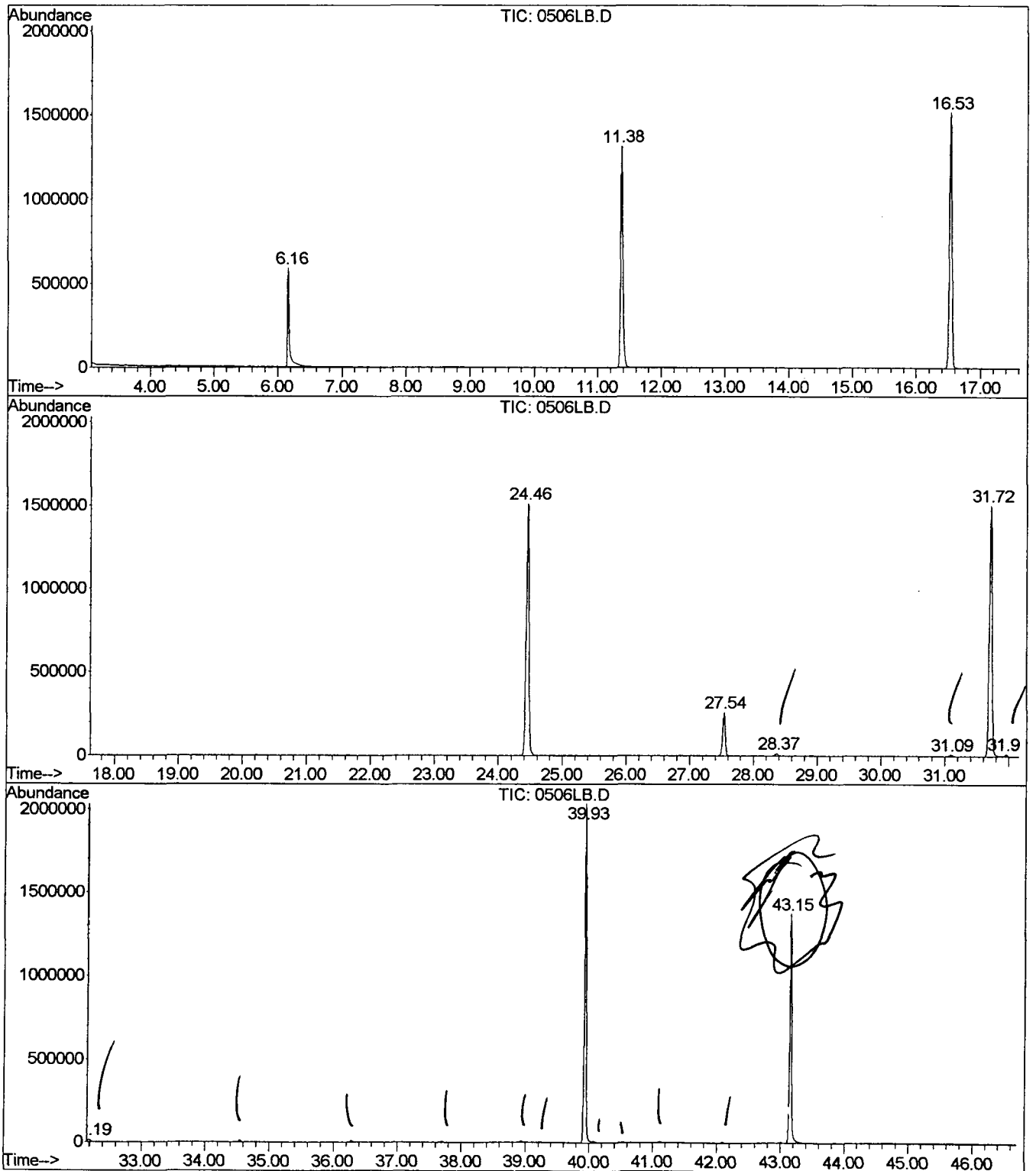
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.158	517	524	571	rBV	586836	1240041	26.90%	4.905%
2	11.376	1400	1412	1430	rBV	1310222	3274736	71.03%	12.953%
3	16.534	2270	2290	2304	rBV	1515539	4095066	88.82%	16.198%
4	24.461	3621	3639	3658	rBV	1511644	4329262	93.90%	17.125%
5	27.539	4145	4163	4173	rBV3	258622	721044	15.64%	2.852%
6	28.368	4292	4304	4316	rBV5	13768	45313	0.98%	0.179%
7	31.088	4757	4767	4780	rVB4	9988	32336	0.70%	0.128%
8	31.717	4857	4874	4902	rBV2	1503428	4610487	100.00%	18.237%
9	31.964	4906	4916	4926	rVB3	13826	39295	0.85%	0.155%
10	32.187	4944	4954	4967	rBV2	13905	43869	0.95%	0.174%
11	39.931	6262	6272	6289	rBV2	2029869	4005149	86.87%	15.843%
12	43.151	6809	6820	6857	rBV2	1372602	2844409	61.69%	11.251%

Sum of corrected areas: 25281007

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020513\0506LB.D
Operator : Nefliu
Acquired : 13 May 2002 2:29 pm using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: 05/06 lab blk
Misc Info :
Vial Number: 3
Quant File :SCAN020507.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\DATA\020513\0506LB.D Vial: 3
Acq On : 13 May 2002 2:29 pm Operator: Nefliu
Sample : 05/06 lab blk Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

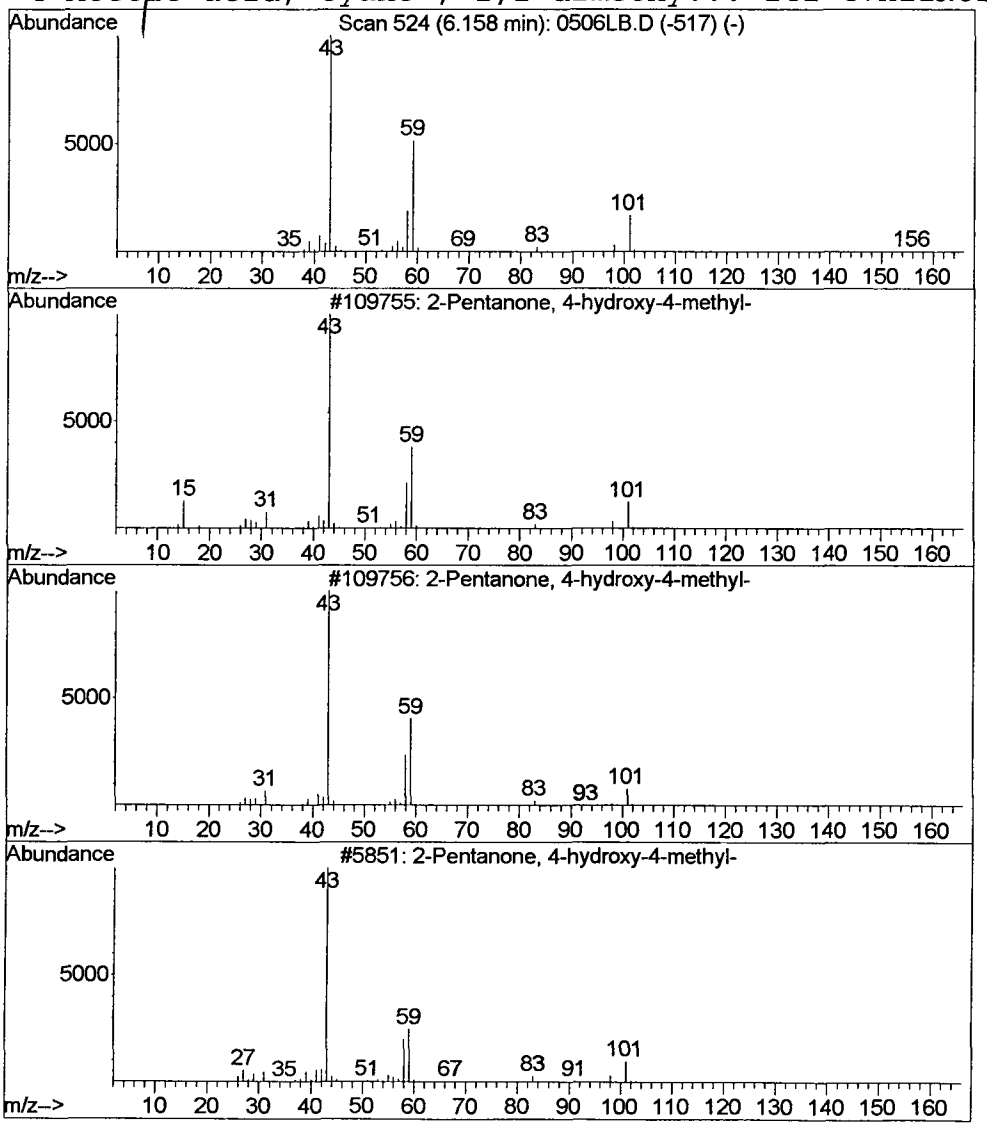
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

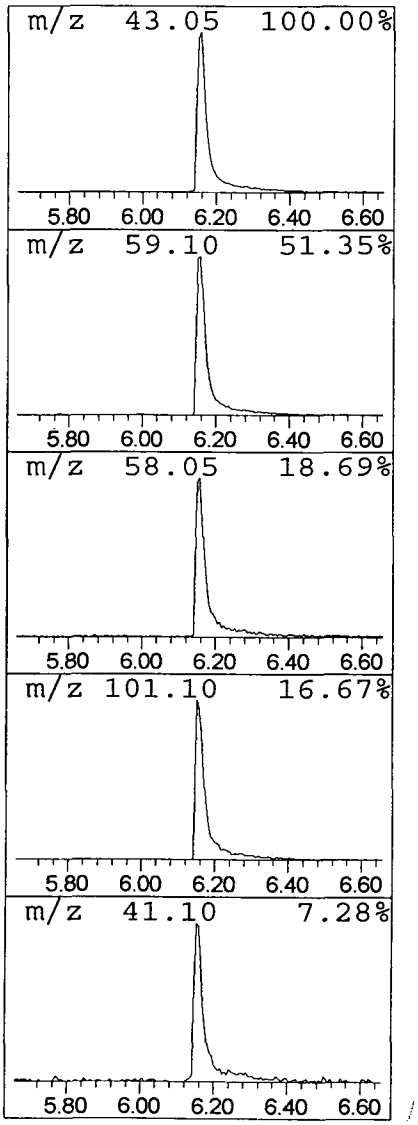
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	15.15 ug/l	1240040	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	45
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data File : C:\MSDCHEM\1\DATA\020513\0506LB.D Vial: 3
Acq On : 13 May 2002 2:29 pm Operator: Nefliu
Sample : 05/06 lab blk Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

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

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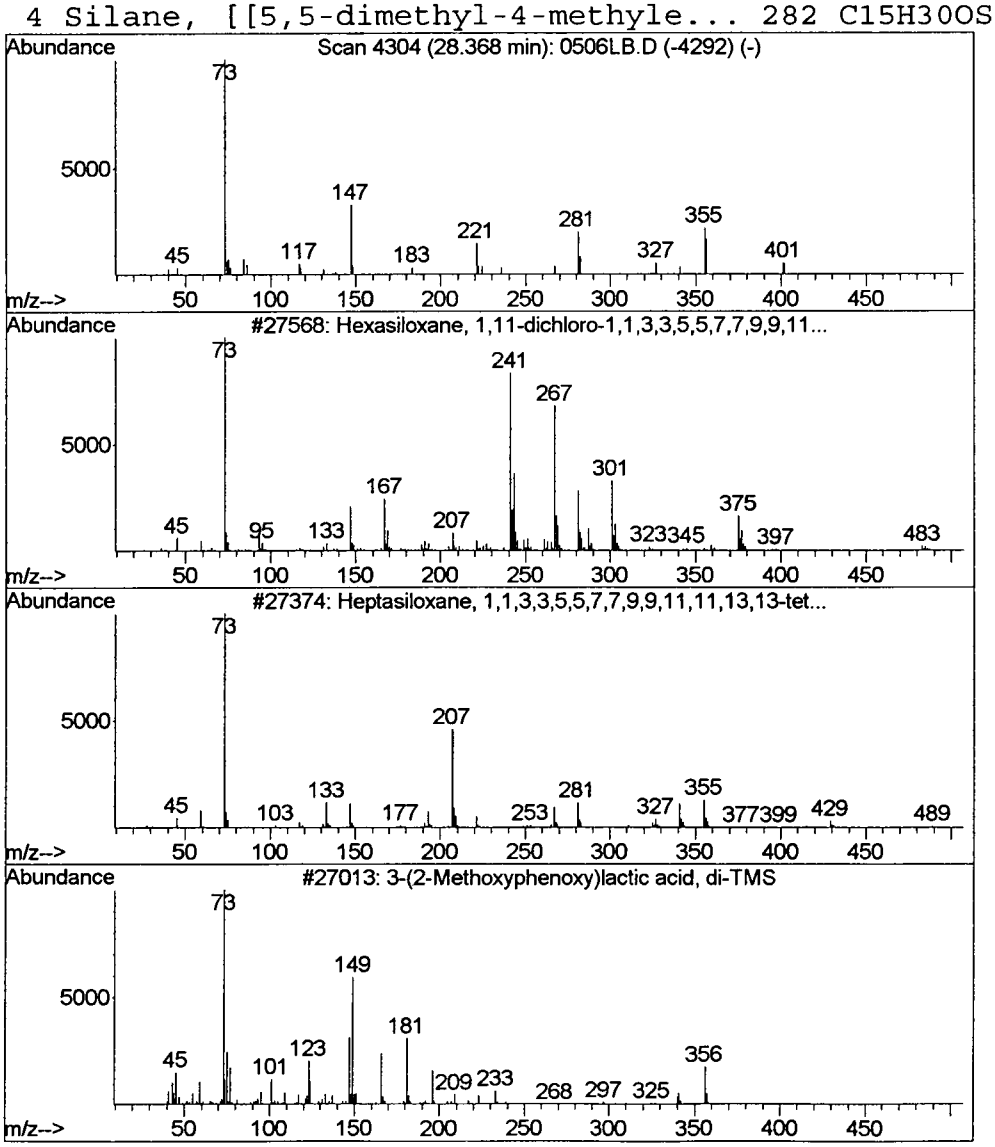
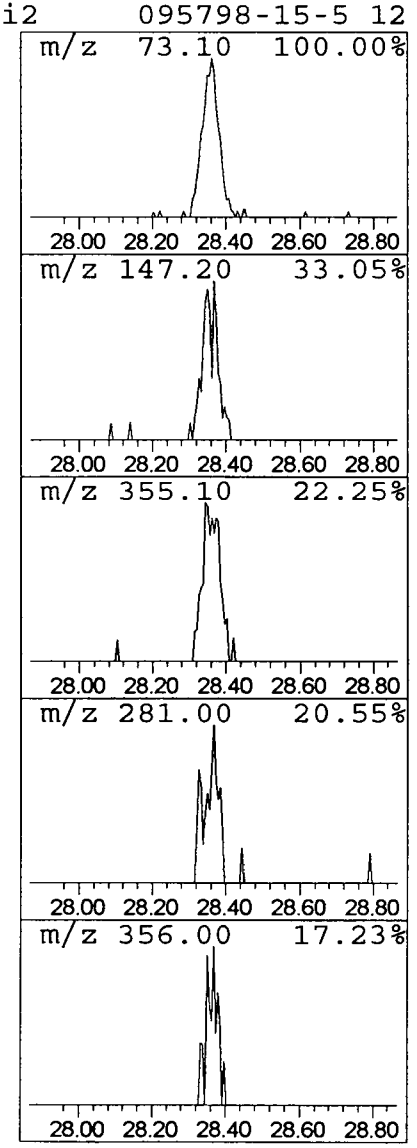
Peak Number 2 Hexasiloxane, 1,11-dichloro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.37	0.39 ug/l	45313	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexasiloxane, 1,11-dichloro-1,1,...	498	C12H36Cl2O5Si6	016106-81-3	32
2	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	25
3	3-(2-Methoxyphenoxy)lactic acid,...	356	C16H28O5Si2	1000072-00-0	17
4	Silane, [[5,5-dimethyl-4-methyle...	282	C15H30OSi2	095798-15-5	12





Data File : C:\MSDCHEM\1\DATA\020513\0506LB.D Vial: 3
Acq On : 13 May 2002 2:29 pm Operator: Nefliu
Sample : 05/06 lab blk Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

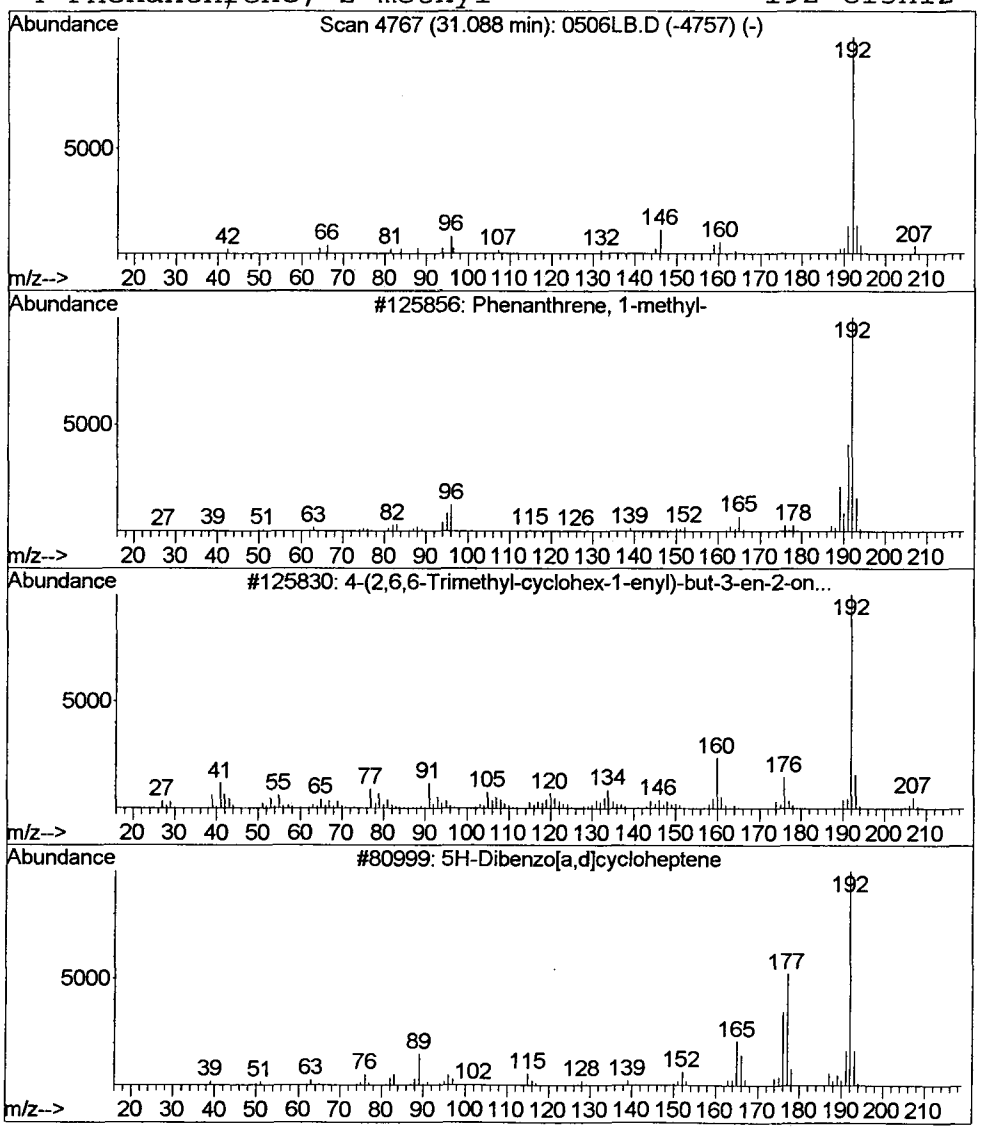
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

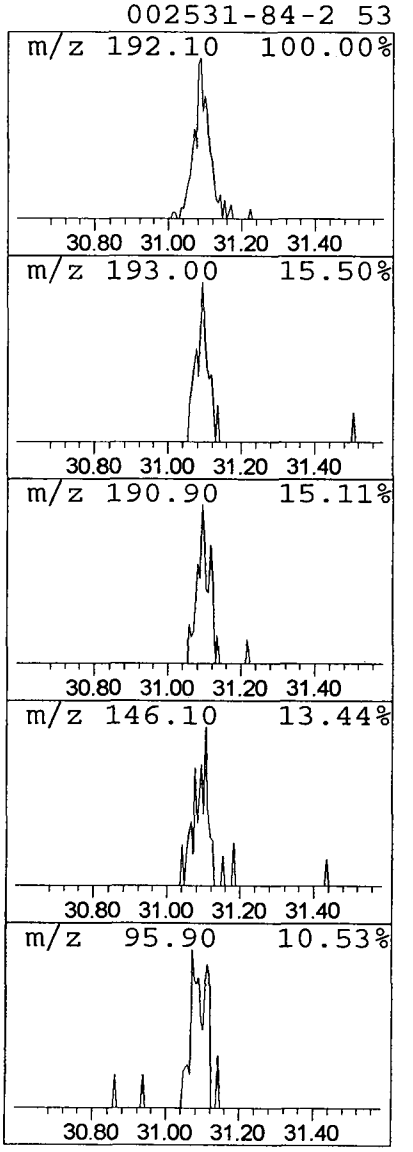
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.28 ug/l	32336	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	59
2	4-(2,6,6-Trimethyl-cyclohex-1-en...	207	C13H21NO	039190-05-1	59
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	59
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	53





Data File : C:\MSDCHEM\1\DATA\020513\0506LB.D Vial: 3
Acq On : 13 May 2002 2:29 pm Operator: Nefliu
Sample : 05/06 lab blk Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

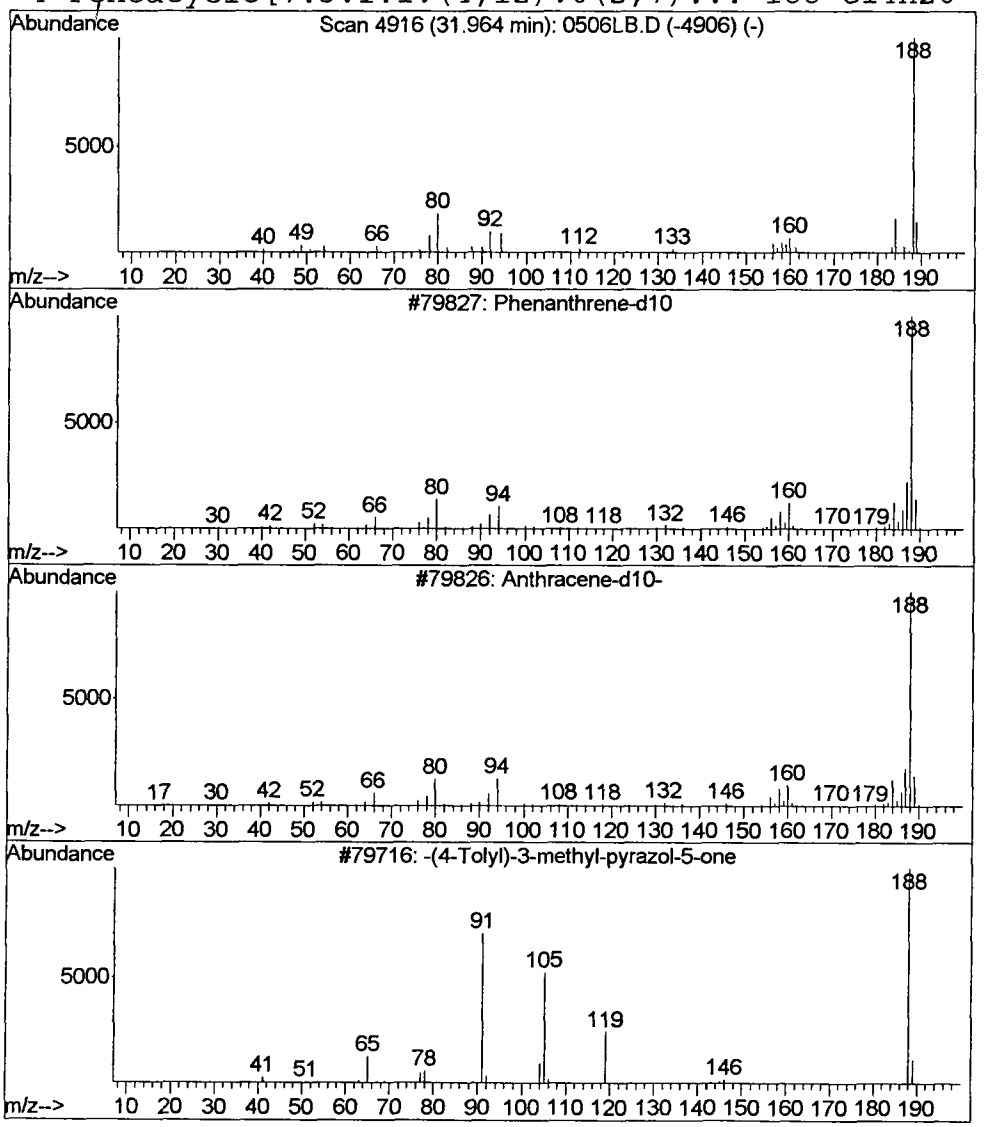
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

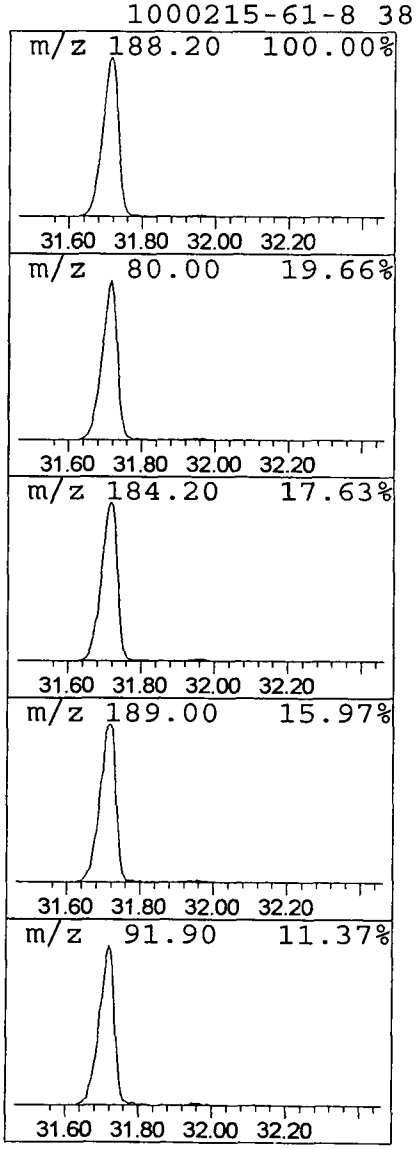
****

Peak Number 4 Phenanthrene-d10 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.34 ug/l	39295	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	80
3	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	40
4	Pentacyclo[7.3.1.1.(4,12).0(2,7)...	188	C14H20	1000215-61-8	38





Data File : C:\MSDCHEM\1\DATA\020513\0506LB.D Vial: 3
Acq On : 13 May 2002 2:29 pm Operator: Nefliu
Sample : 05/06 lab blk Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

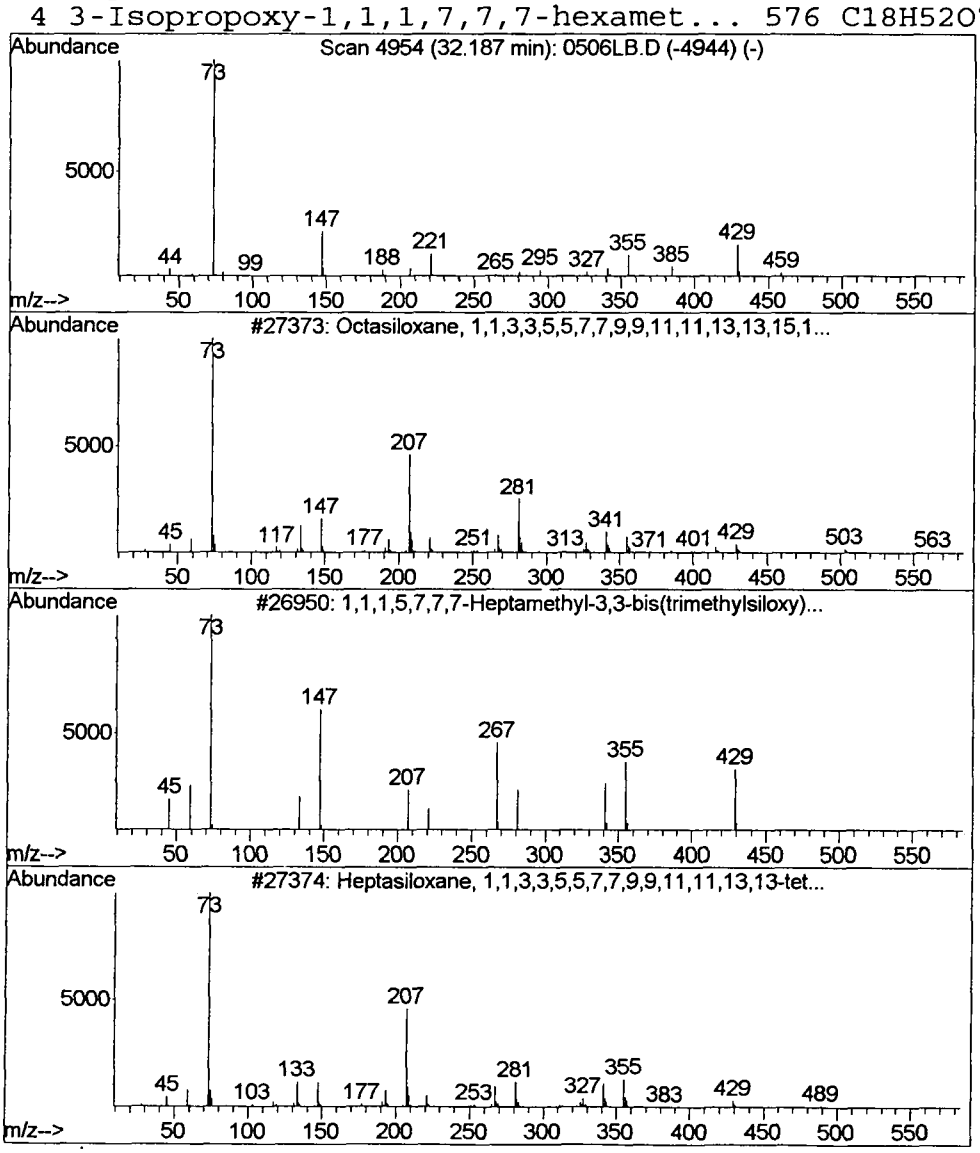
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

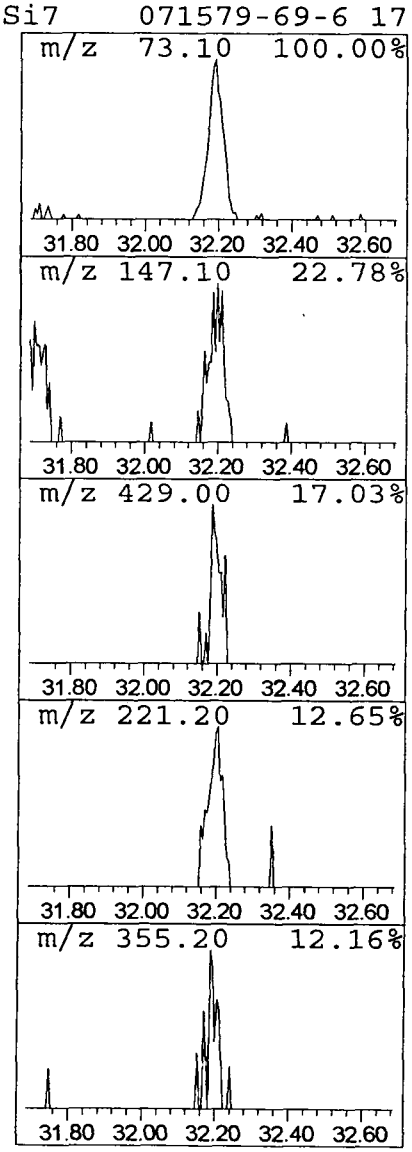
****

Peak Number 5 Octasiloxane, 1,1,3,3,5,5,7... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.19	0.38 ug/l	43869	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	38
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	25
3	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	23
4	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	17





Tentatively Identified Compound (TIC) summary

Operator ID: Nefliu Date Acquired: 13 May 2002 2:29 pm
Data File: C:\MSDCHEM\1\DATA\020513\0506LB.D
Name: 05/06 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...	6.16	15.1	ug/l	1240040	1	11.37	3274740	40.0
?Hexasiloxane, 1,1...	28.37	0.4	ug/l	45313	4	31.72	4610490	40.0
~~Phenanthrene, 1-m...~~	31.09	0.3	ug/l	32336	4	31.72	4610490	40.0
~~Phenanthrene-d10~~	31.96	0.3	ug/l	39295	4	31.72	4610490	40.0
? Octasiloxane, 1,1...	32.19	0.4	ug/l	43869	4	31.72	4610490	40.0