User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/20/2002 Time: 13:59:46

Sample: AE10704
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/20/02 13:59 Ended: 5/20/02 13:59 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		75		10.0

Comments for Sample AE10704 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-20-2002 Time: 14:00:25

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

(QA Reviewed)

Data File : C:\MSDCHEM\1\DATA\020513\10704.D Vial: 15
Acq On : 14 May 2002 2:23 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 15 08:59:28 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

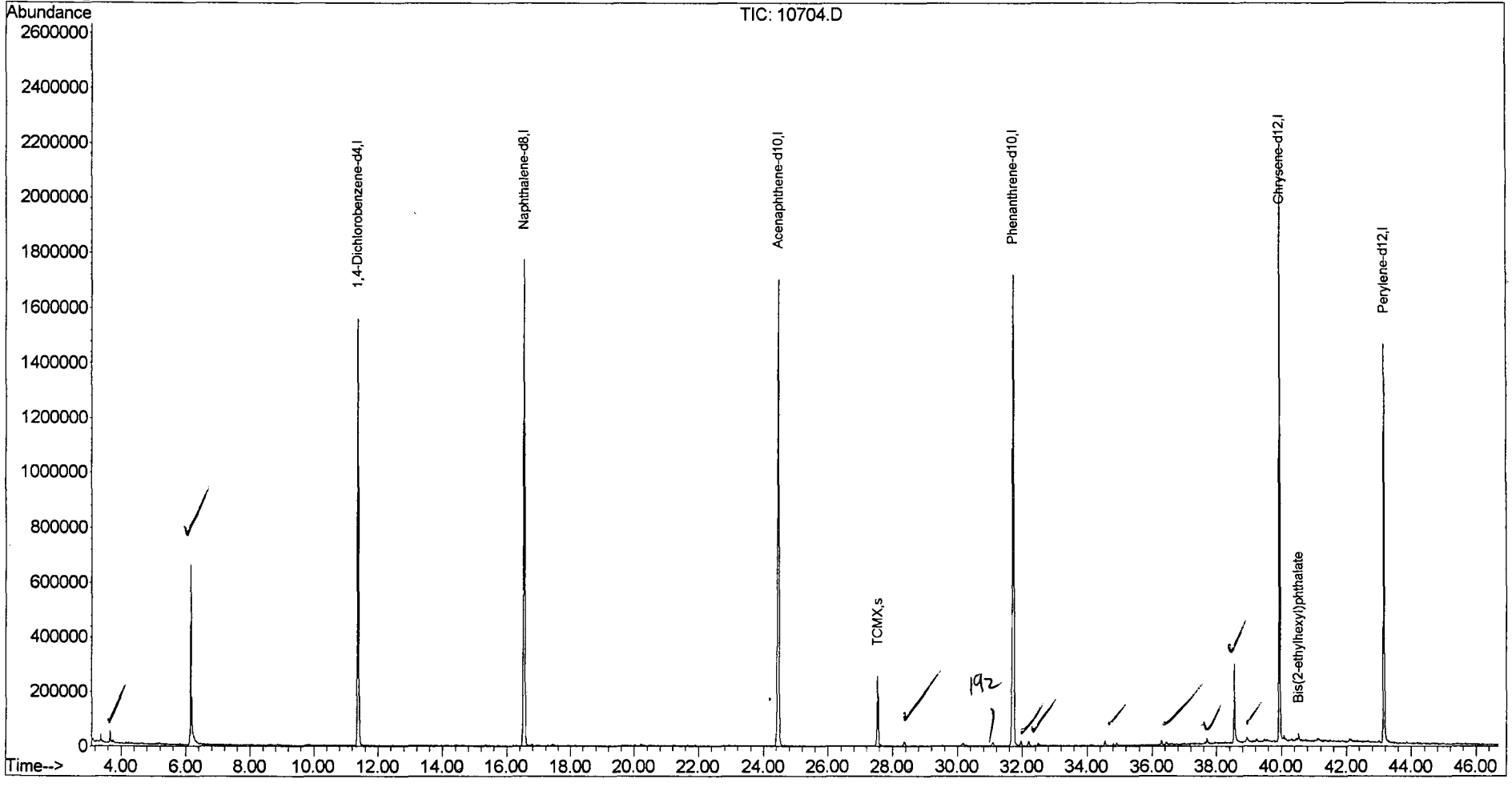
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.38	152	554984	40.00	ug/l	-0.01
10) Naphthalene-d8	16.54	136	2091779	40.00	ug/l	-0.03
17) Acenaphthene-d10	24.47	164	1123816	40.00	ug/l	-0.01
30) Phenanthrene-d10	31.72	188	1905232	40.00	ug/l	-0.02
38) Chrysene-d12	39.94	240	1399208	40.00	ug/l	-0.05
44) Perylene-d12	43.16	264	864902	40.00	ug/l	-0.02
System Monitoring Compounds						
27) TCMX	27.54	207	67204	7.49	ug/l	-0.04
Spiked Amount 10.000			Recovery = 74.90%			
Target Compounds						Qvalue
43) Bis(2-ethylhexyl)phthalate	40.52	149	15063	0.50	ug/l	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020513\10704.D Vial: 15
Acq On : 14 May 2002 2:23 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 15 9:00 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



Data File : C:\MSDCHEM\1\DATA\020513\10704.D Vial: 15
Acq On : 14 May 2002 2:23 am Operator: Nefliu
Sample : sample 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

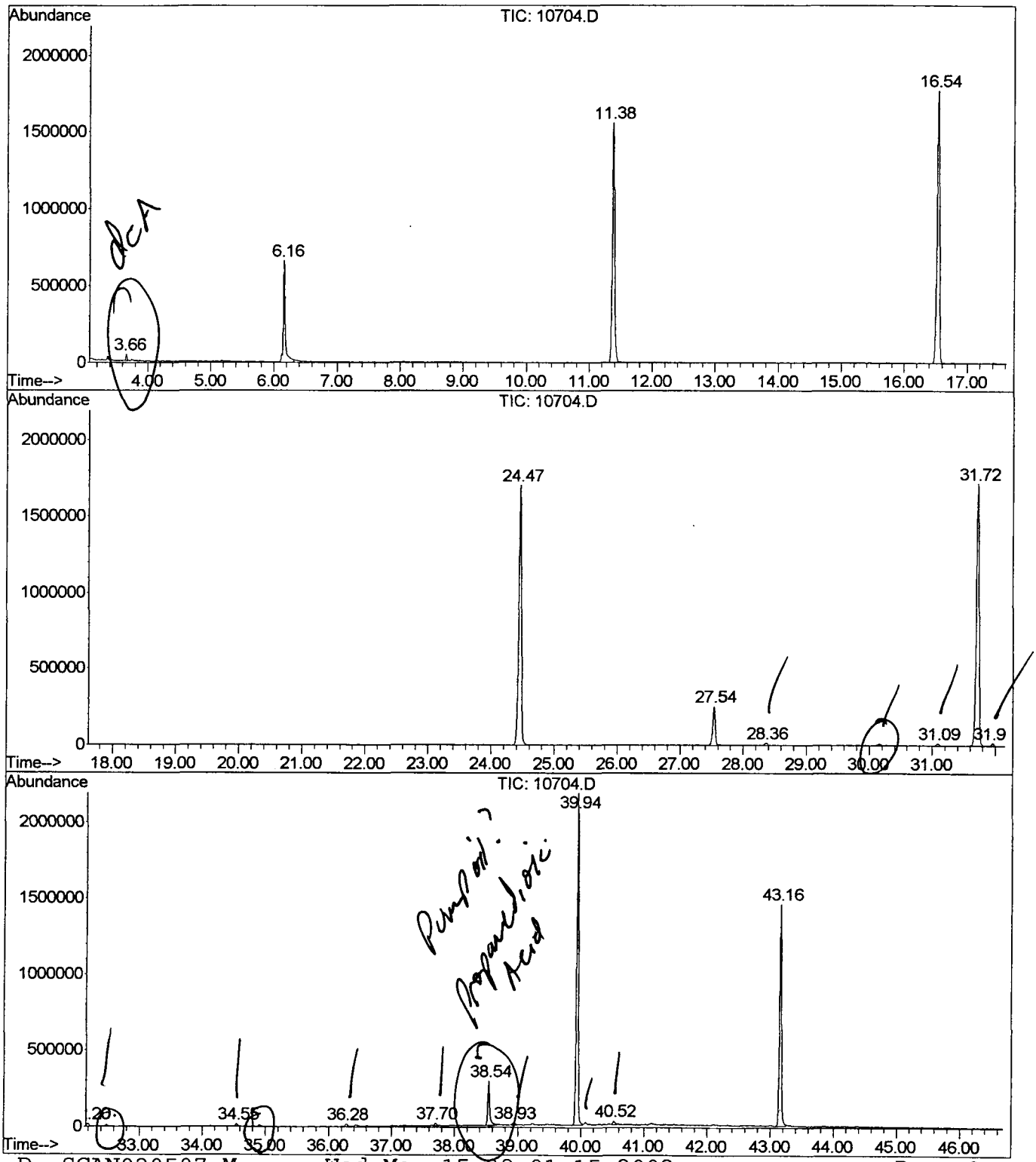
If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.661	95	99	109	rVB2	42472	54737	1.02%	0.183%
2	6.158	511	524	551	rBV	659616	1371282	25.60%	4.591%
3	11.376	1400	1412	1436	rBV	1556148	3888192	72.59%	13.019%
4	16.540	2273	2291	2308	rBV	1770658	4849100	90.53%	16.236%
5	24.466	3617	3640	3657	rBV2	1703080	5100813	95.23%	17.079%
6	27.539	4146	4163	4175	rBV2	254524	699480	13.06%	2.342%
7	28.356	4291	4302	4310	rBV4	16832	54873	1.02%	0.184%
8	31.088	4757	4767	4777	rBV4	14894	46709	0.87%	0.156%
9	31.723	4855	4875	4900	rVB3	1715415	5356371	100.00%	17.935%
10	31.958	4906	4915	4924	rVB4	17904	48682	0.91%	0.163%
11	32.199	4942	4956	4966	rBV2	17983	53976	1.01%	0.181%
12	34.549	5343	5356	5363	rBV2	17759	40107	0.75%	0.134%
13	36.276	5643	5650	5660	rBV4	16916	43002	0.80%	0.144%
14	37.698	5886	5892	5902	rBV7	17169	42649	0.80%	0.143%
15	38.544	6027	6036	6057	rBV2	289838	647211	12.08%	2.167%
16	38.932	6096	6102	6115	rBV8	14594	42673	0.80%	0.143%
17	39.937	6262	6273	6288	rBV2	2175475	4355358	81.31%	14.583%
18	40.518	6367	6372	6380	rVB3	25611	54107	1.01%	0.181%
19	43.157	6809	6821	6836	rBV2	1458042	3116626	58.19%	10.435%

Sum of corrected areas: 29865948

File : C:\MSDCHEM\1\DATA\020513\10704.D
Operator : Nefliu
Acquired : 14 May 2002 2:23 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 15
Quant File :SCAN020507.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\DATA\020513\10704.D
Acq On : 14 May 2002 2:23 am
Sample : sample
Misc :
MS Integration Params: rteint.e

Vial: 15
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

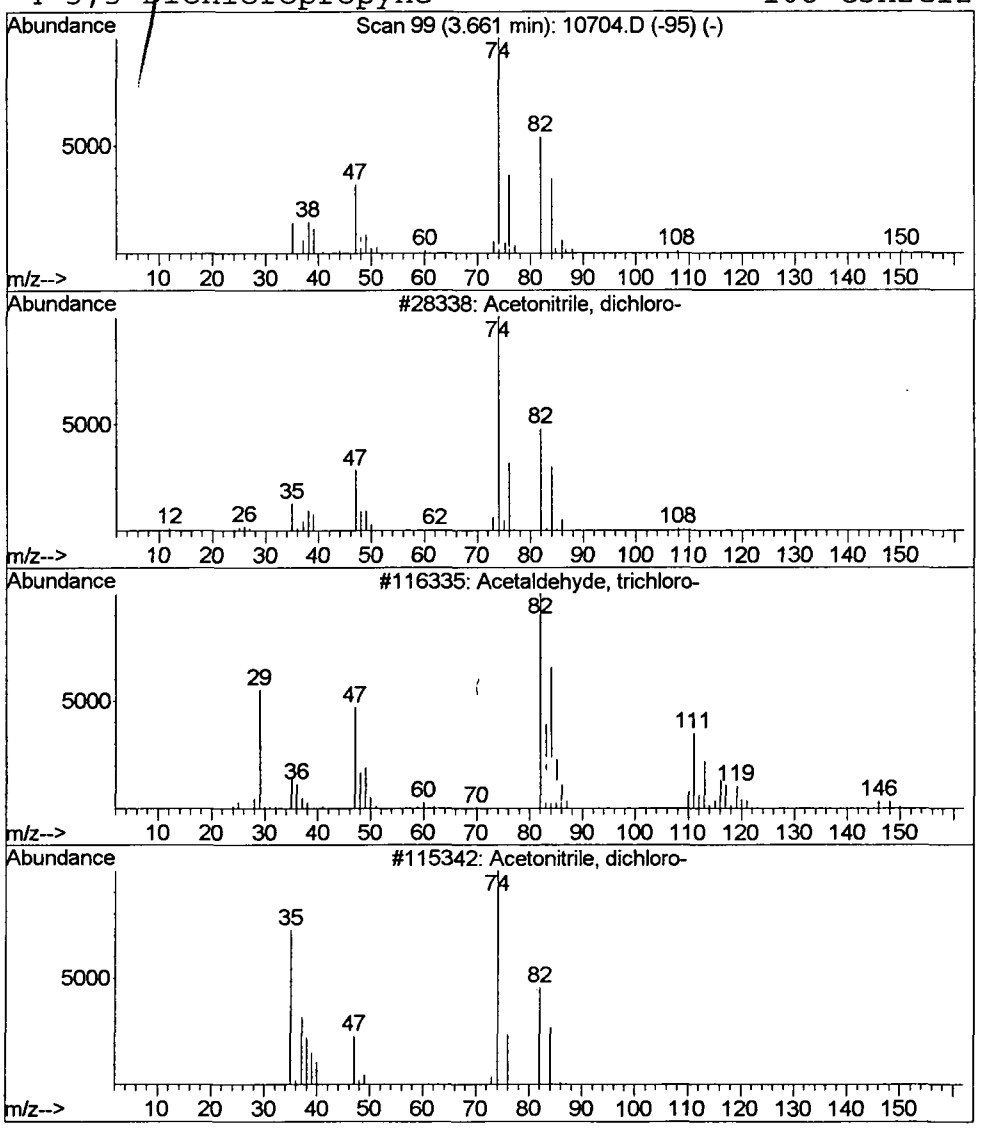
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

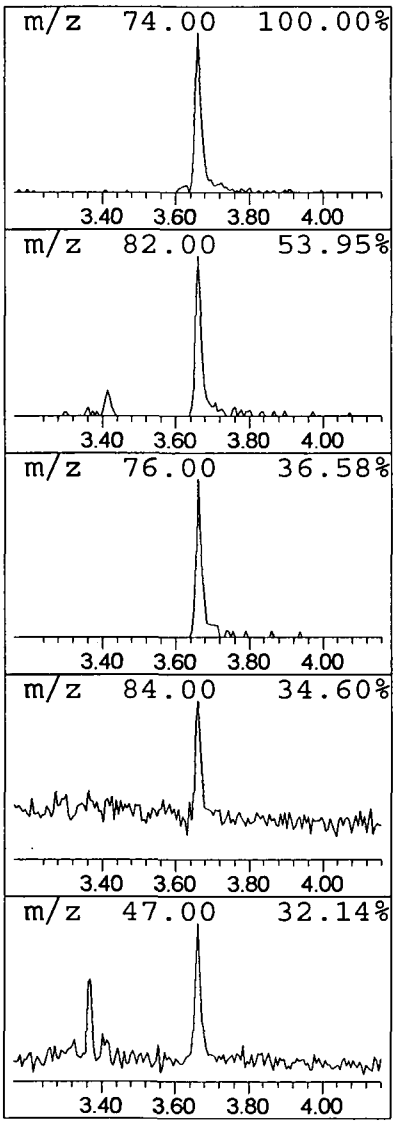
****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.66	0.56 ug/l	54737	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	91
2	Acetaldehyde, trichloro-	146	C2HCl3O	000075-87-6	38
3	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	37
4	3,3-Dichloropropyne	108	C3H2Cl2	1000222-23-9	28





Data File : C:\MSDCHEM\1\DATA\020513\10704.D Vial: 15
Acq On : 14 May 2002 2:23 am Operator: Nefliu
Sample : sample 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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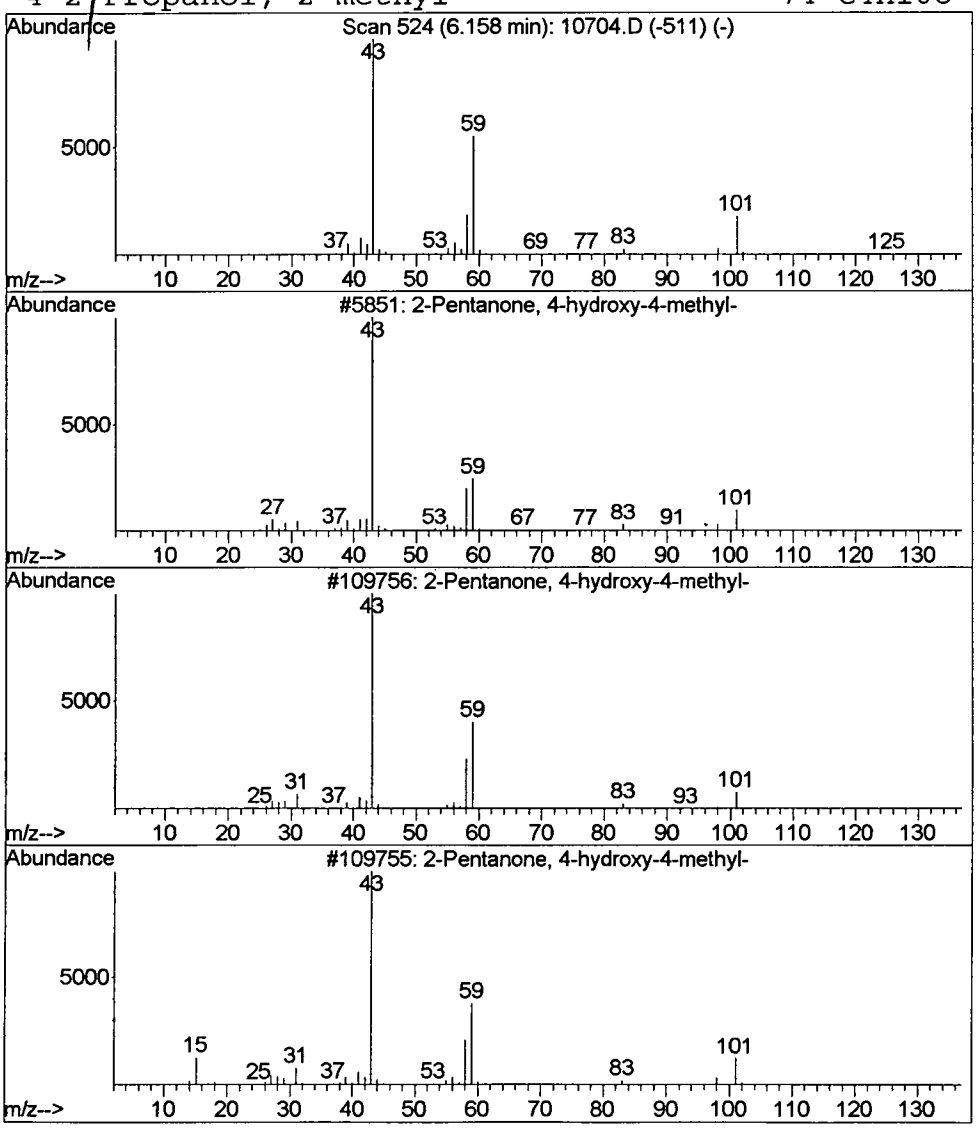
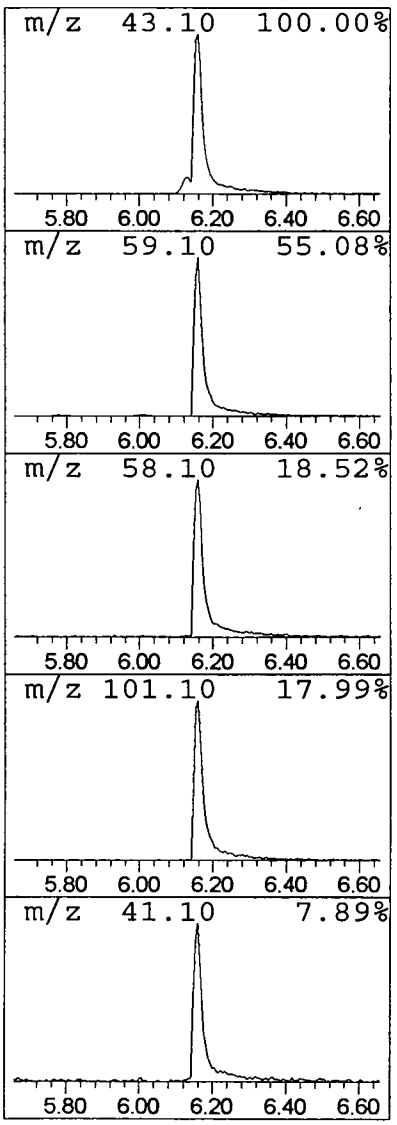
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	14.11 ug/l	1371280	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	50
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	45
4	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	25





Data File : C:\MSDCHEM\1\DATA\020513\10704.D Vial: 15
Acq On : 14 May 2002 2:23 am Operator: Nefliu
Sample : sample 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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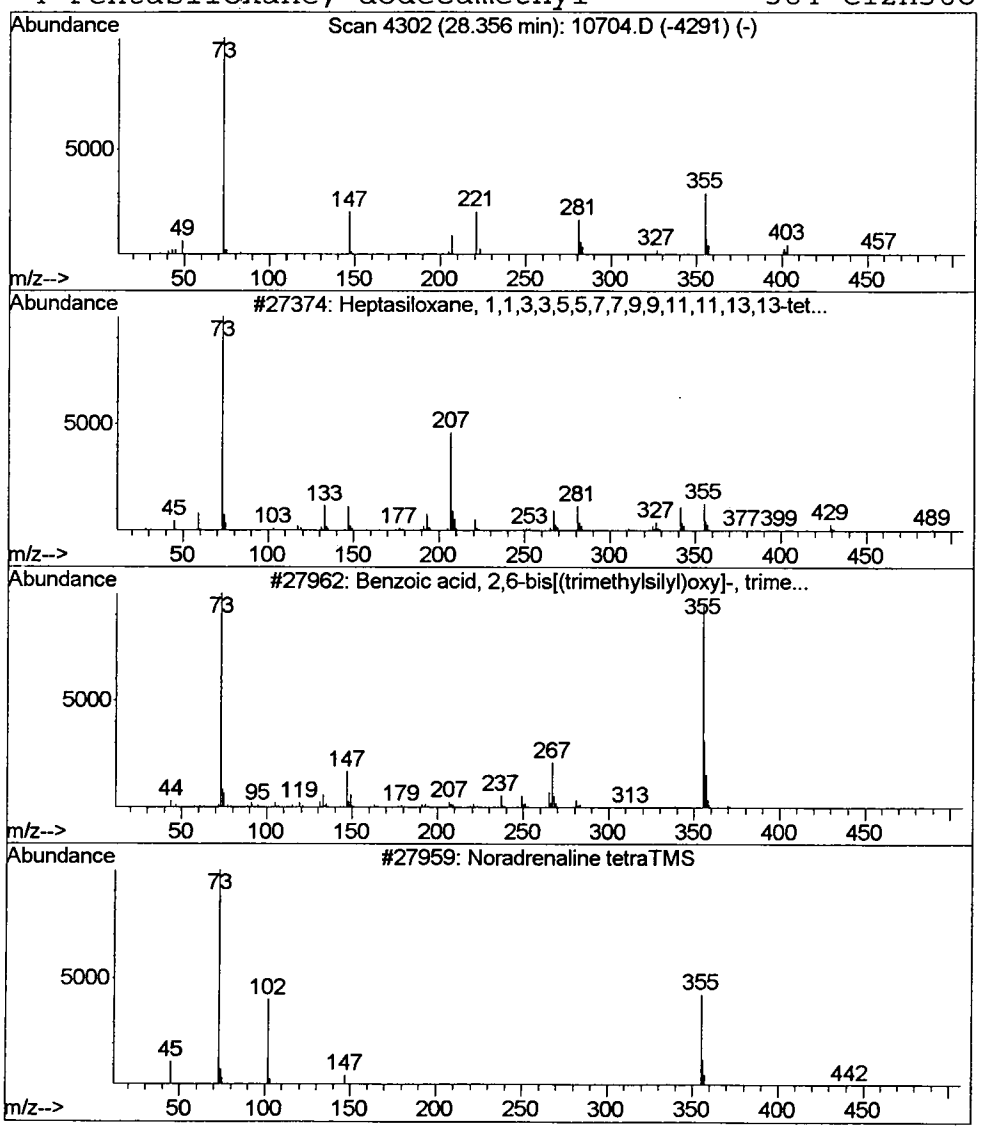
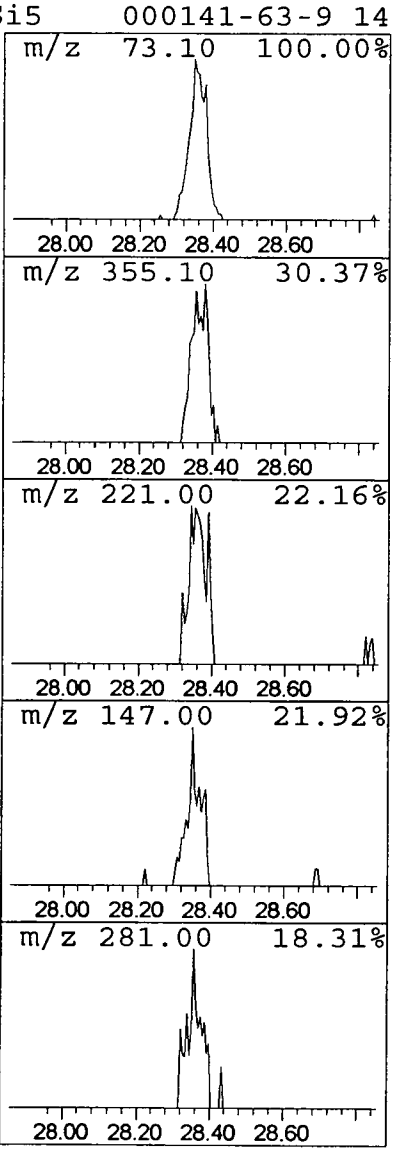
Peak Number 3 Heptasiloxane, 1,1,3,3,5,5,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.36	0.41 ug/l	54873	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	23
2	Benzoic acid, 2,6-bis[(trimethyl...	370	C16H30O4Si3	003782-85-2	23
3	Noradrenaline tetraTMS	457	C20H43NO3Si4	068595-65-3	17
4	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	14





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Data File : C:\MSDCHEM\1\DATA\020513\10704.D              Vial: 15
Acq On    : 14 May 2002    2:23 am                    Operator: Nefliu
Sample    : sample                                    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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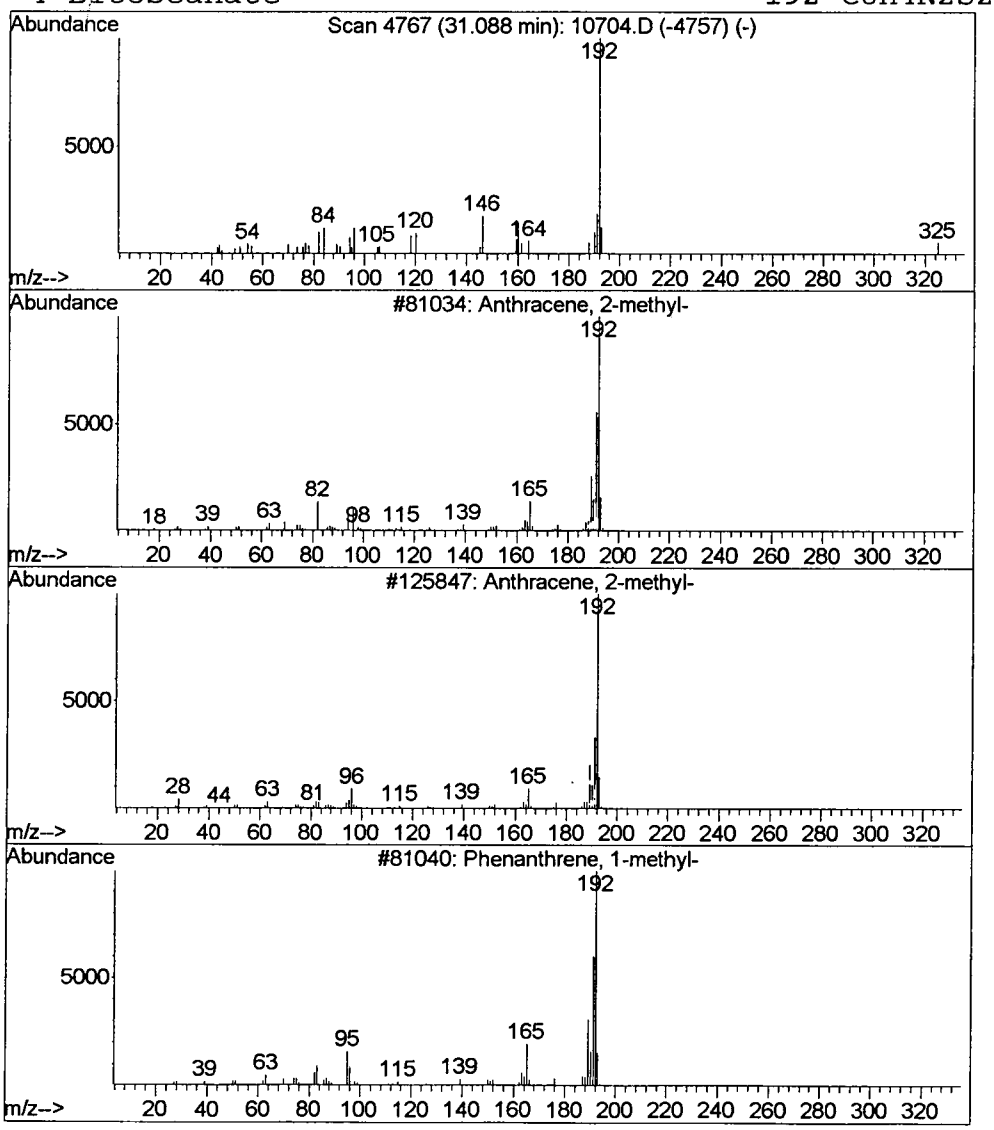
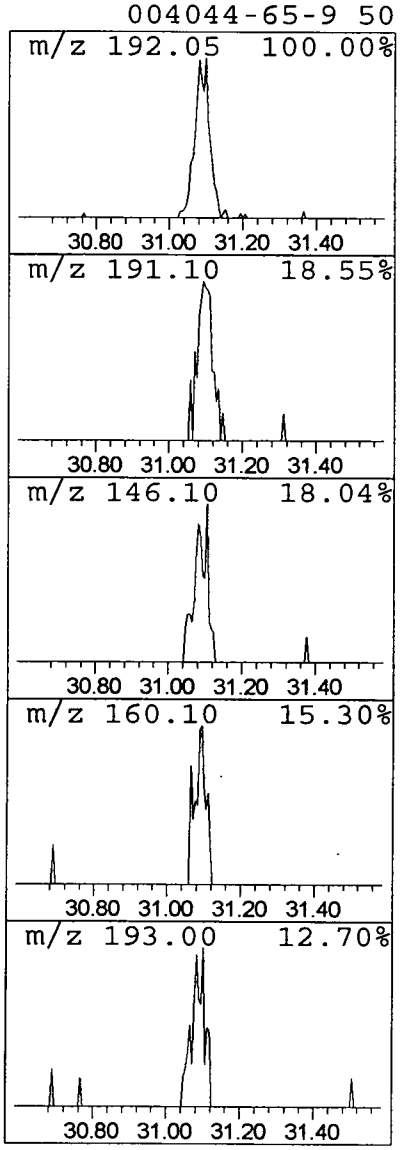
Peak Number 4 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.35 ug/l	46709	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	58
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	53
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
4	Bitoscanate	192	C8H4N2S2	004044-65-9	50





Data File : C:\MSDCHEM\1\DATA\020513\10704.D Vial: 15
Acq On : 14 May 2002 2:23 am Operator: Nefliu
Sample : sample 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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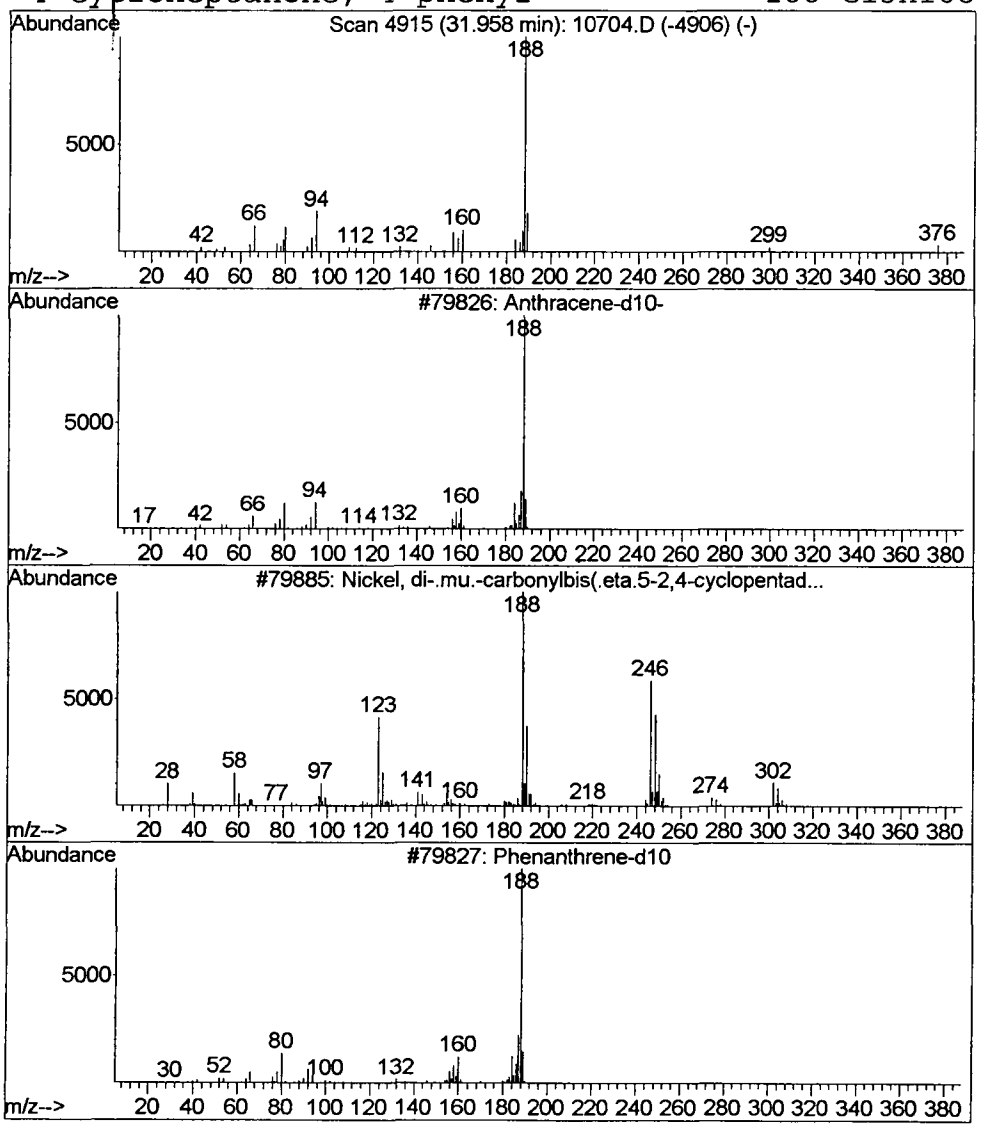
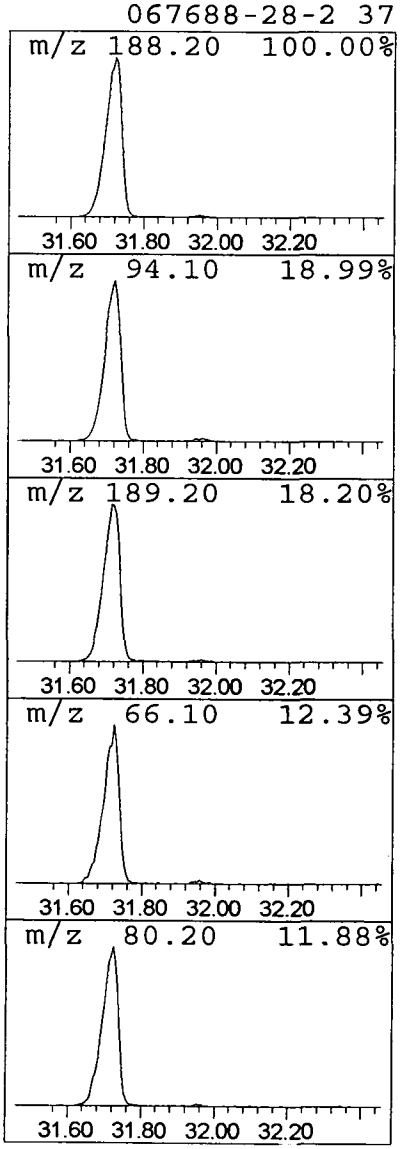
Peak Number 5 Anthracene-d10- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.36 ug/l	48682	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	72
2	Nickel, di-.mu.-carbonylbis(.eta...	302	C12H10Ni2O2	012170-92-2	43
3	Phenanthrene-d10	188	C14D10	001517-22-2	39
4	Cycloheptanone, 4-phenyl-	188	C13H16O	067688-28-2	37





Data File : C:\MSDCHEM\1\DATA\020513\10704.D Vial: 15
Acq On : 14 May 2002 2:23 am Operator: Nefliu
Sample : sample 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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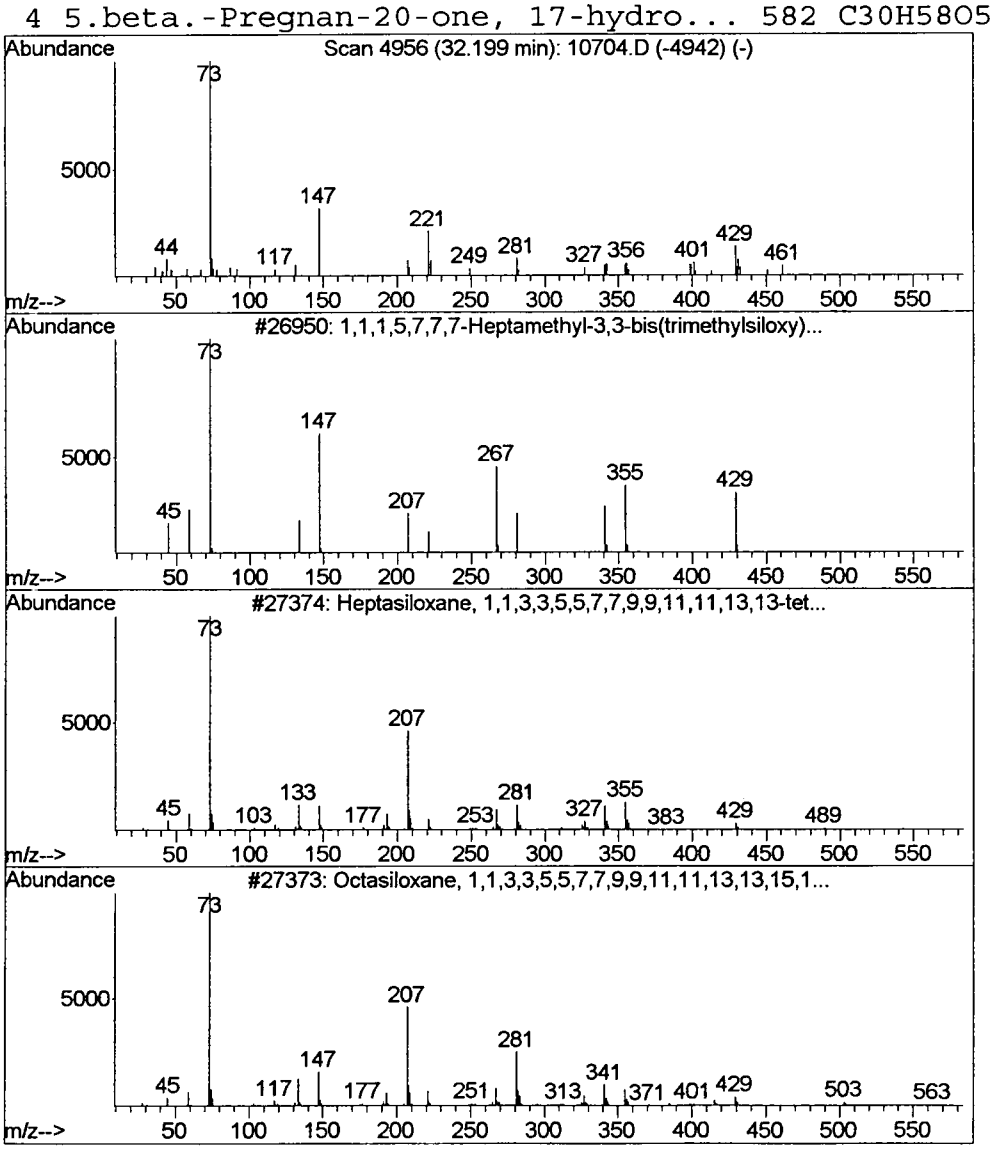
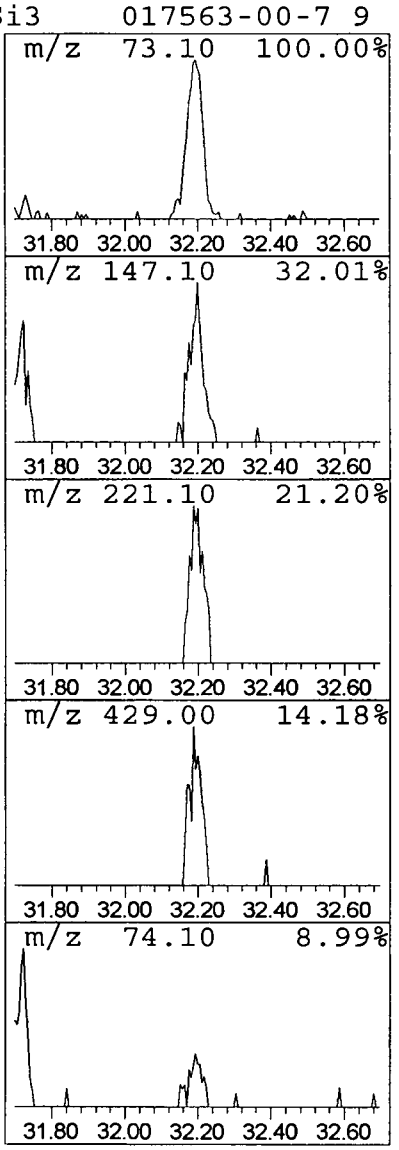
Peak Number 6 1,1,1,5,7,7,7-Heptamethyl-3... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.20	0.40 ug/l	53976	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	32
2	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	10
3	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	9
4	5.beta.-Pregnan-20-one, 17-hydro...	582	C30H58O5Si3	017563-00-7	9





Data File : C:\MSDCHEM\1\DATA\020513\10704.D
Acq On : 14 May 2002 2:23 am
Sample : sample
Misc :
MS Integration Params: rteint.e

Vial: 15
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

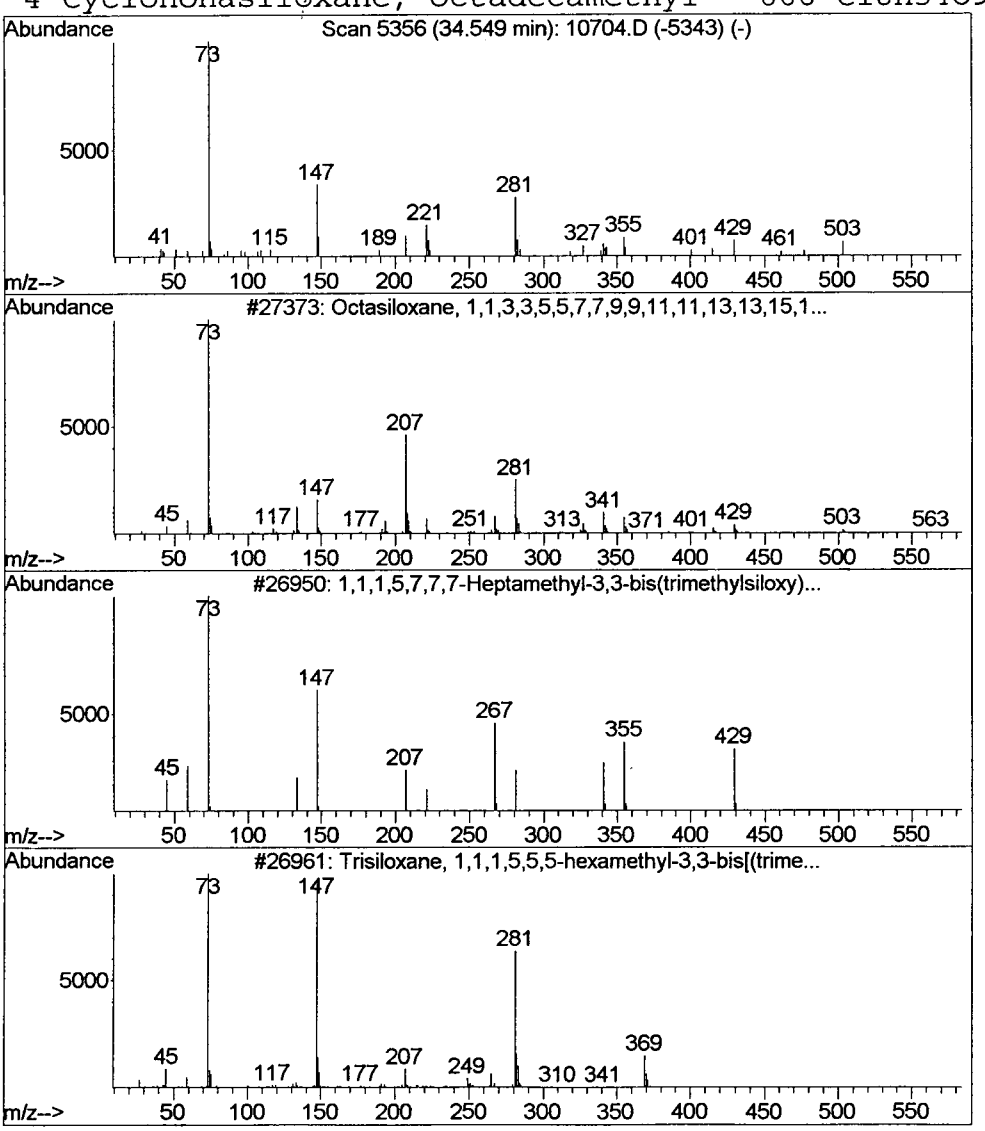
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

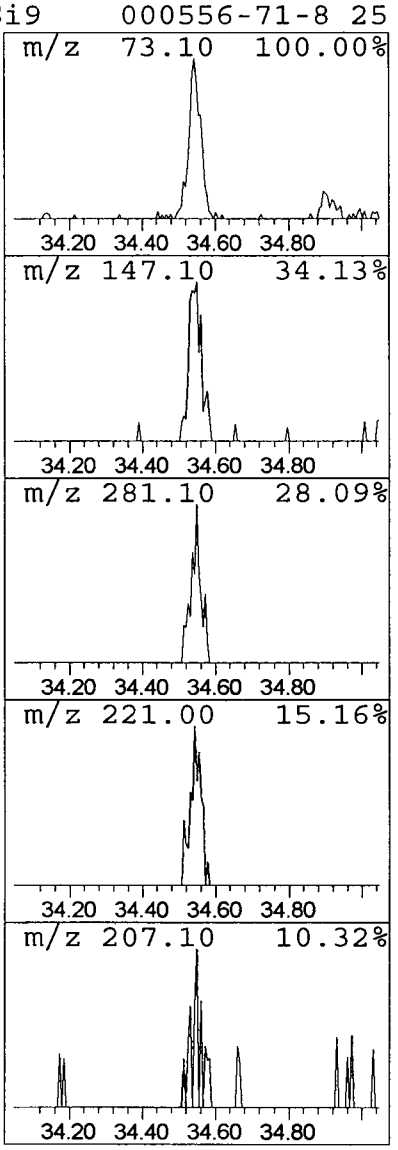
****

Peak Number 7 Octasiloxane, 1,1,3,3,5,5,7... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.55	0.30 ug/l	40107	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	45
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	37
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	33
4	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	25





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Data File : C:\MSDCHEM\1\DATA\020513\10704.D              Vial: 15
Acq On    : 14 May 2002    2:23 am                    Operator: Nefliu
Sample    : sample                                    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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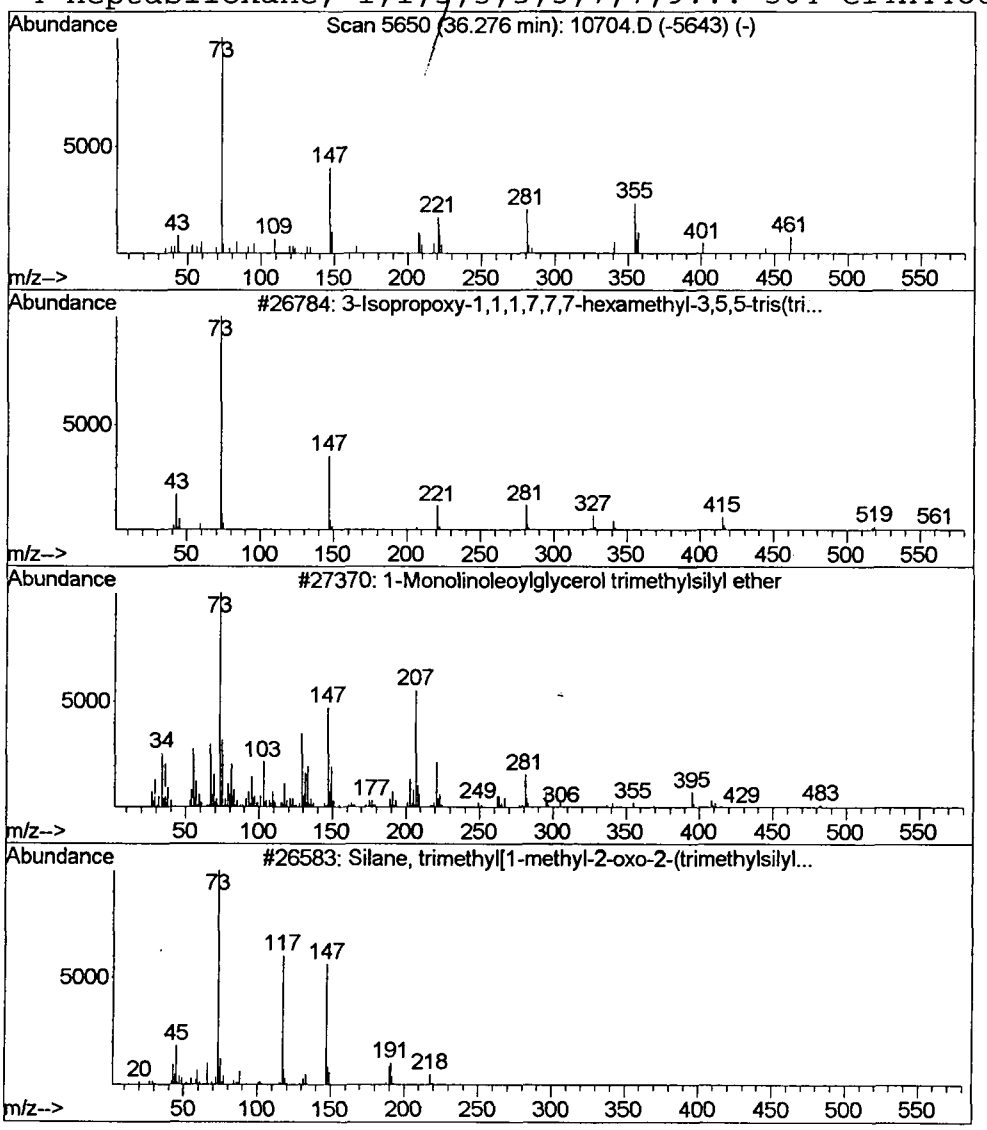
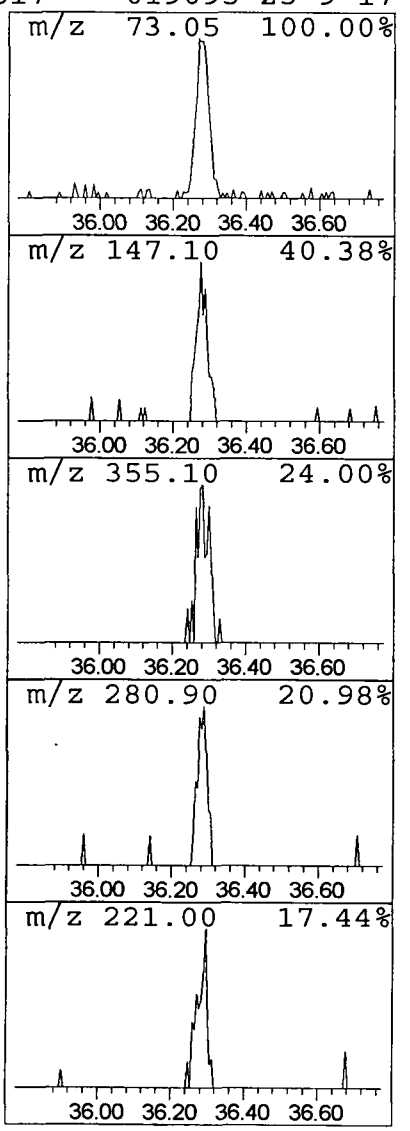
Peak Number 8 3-Isopropoxy-1,1,1,7,7,7-he... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.28	0.39 ug/l	43002	Chrysene-d12	39.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	38
2	1-Monolinoleoylglycerol trimethy...	498	C27H54O4Si2	054284-45-6	28
3	Silane, trimethyl[1-methyl-2-oxo...	218	C9H22O2Si2	055255-93-1	27
4	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	17





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Acq On : 14 May 2002 2:23 am Operator: Nefliu
Sample : sample Inst : Instrumen
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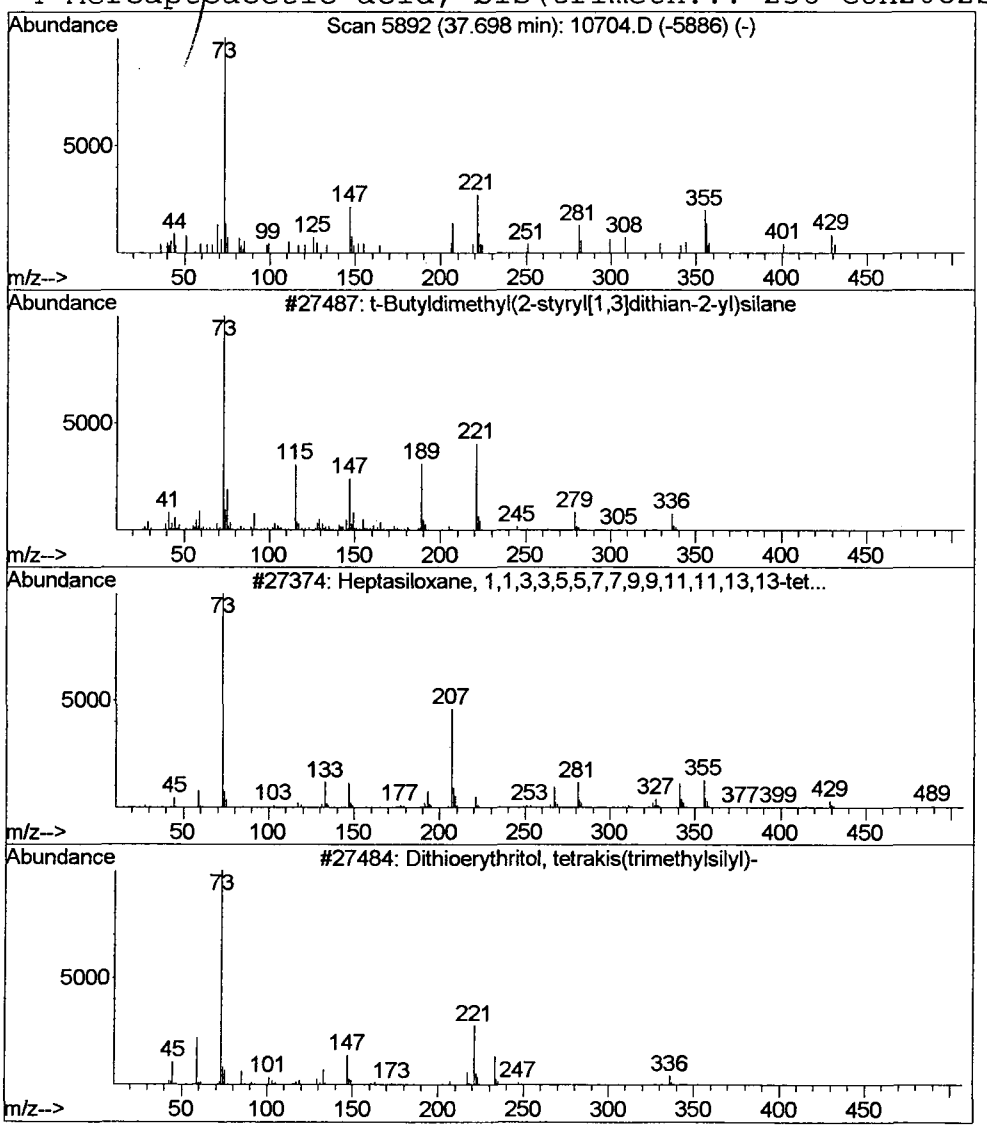
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

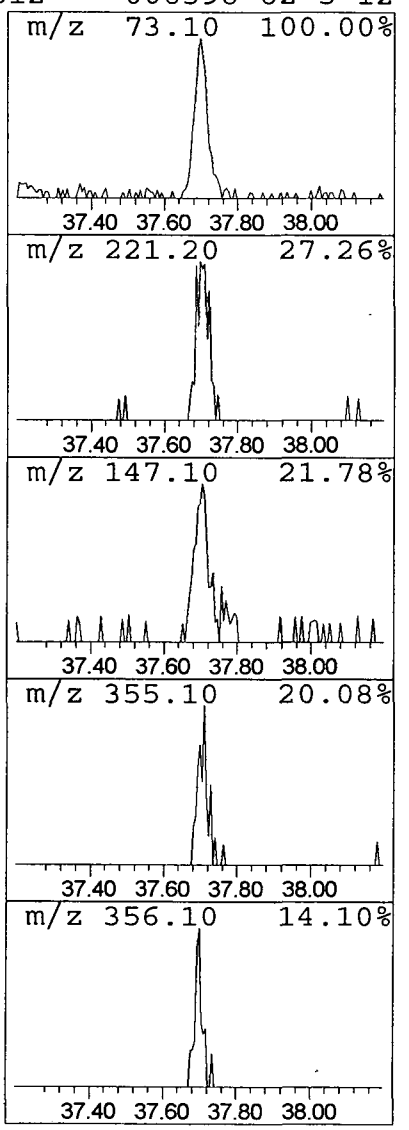
****

Peak Number 9 t-Butyldimethyl(2-styryl[1,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.70	0.39 ug/l	42649	Chrysene-d12	39.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	t-Butyldimethyl(2-styryl[1,3]dit...	336	C18H28S2Si	1000192-03-8	37
2	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	23
3	Dithioerythritol, tetrakis(trime...	442	C16H42O2S2Si4	1000079-30-7	17
4	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	12





Data File : C:\MSDCHEM\1\DATA\020513\10704.D Vial: 15
Acq On : 14 May 2002 2:23 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

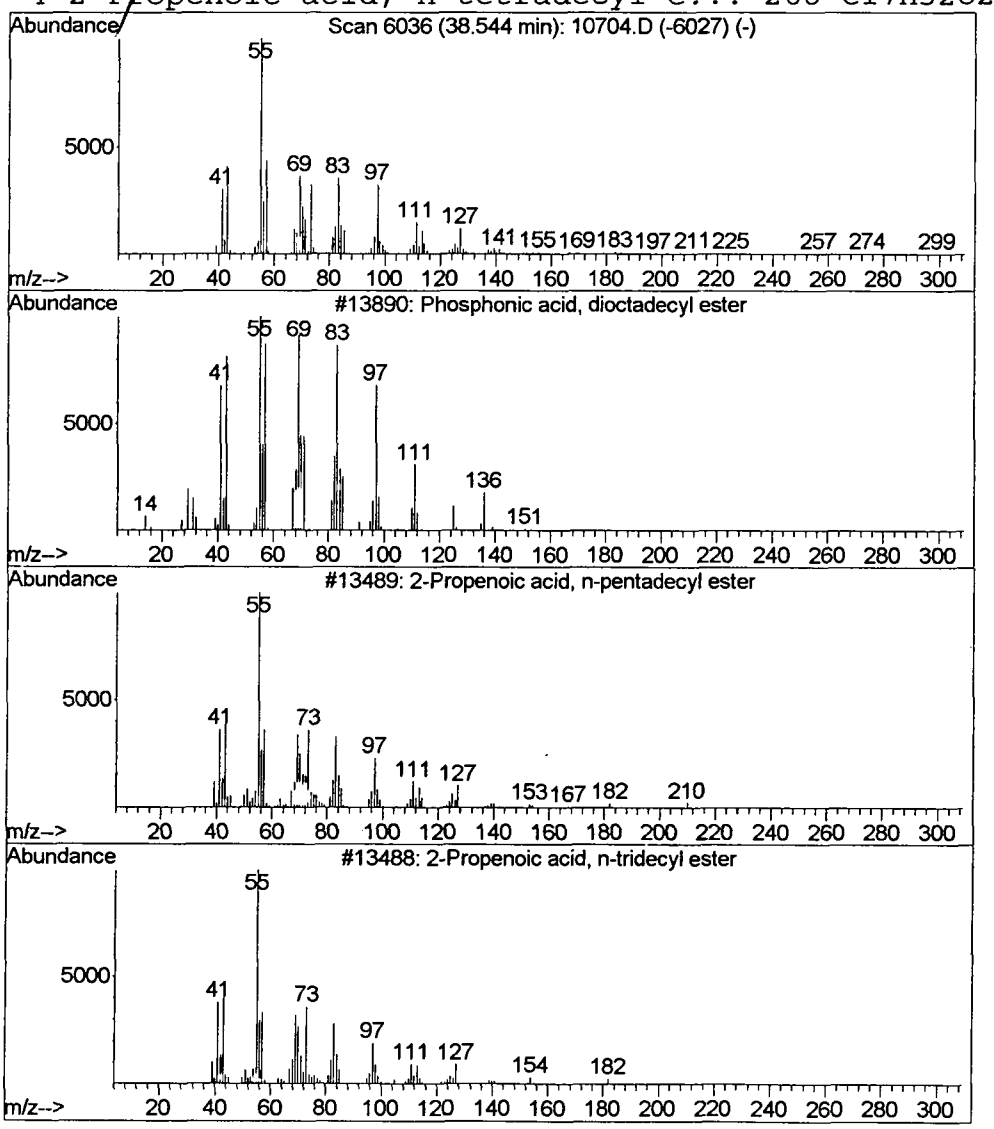
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

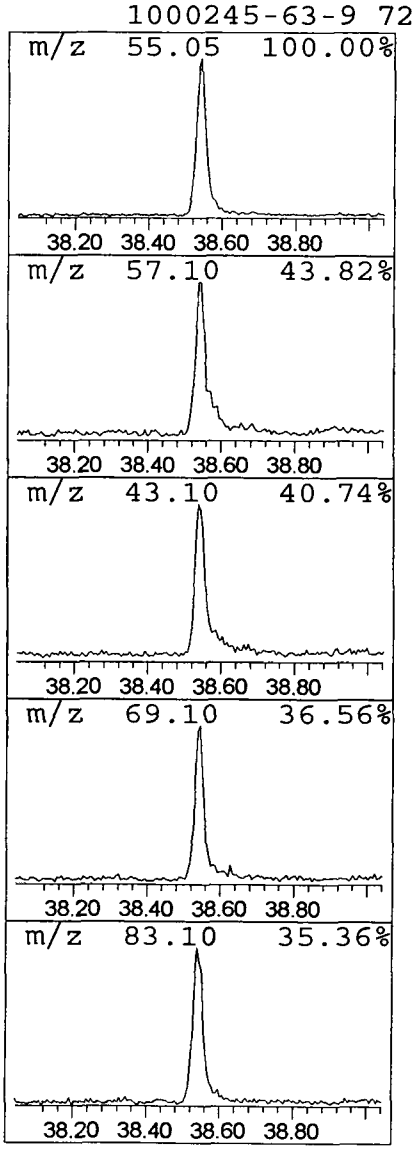
****

Peak Number 10 Phosphonic acid, dioctadecy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.54	5.94 ug/l	647211	Chrysene-d12	39.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphonic acid, dioctadecyl ester	587	C36H75O3P	019047-85-9	91
2	2-Propenoic acid, n-pentadecyl e...	282	C18H34O2	1000245-64-0	90
3	2-Propenoic acid, n-tridecyl ester	254	C16H30O2	1000245-63-8	87
4	2-Propenoic acid, n-tetradecyl e...	268	C17H32O2	1000245-63-9	72





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Data File : C:\MSDCHEM\1\DATA\020513\10704.D              Vial: 15
Acq On    : 14 May 2002    2:23 am                    Operator: Nefliu
Sample    : sample                                    Inst    : Instrumen
Misc      :                                           Multiplr: 1.00
MS Integration Params: rteint.e

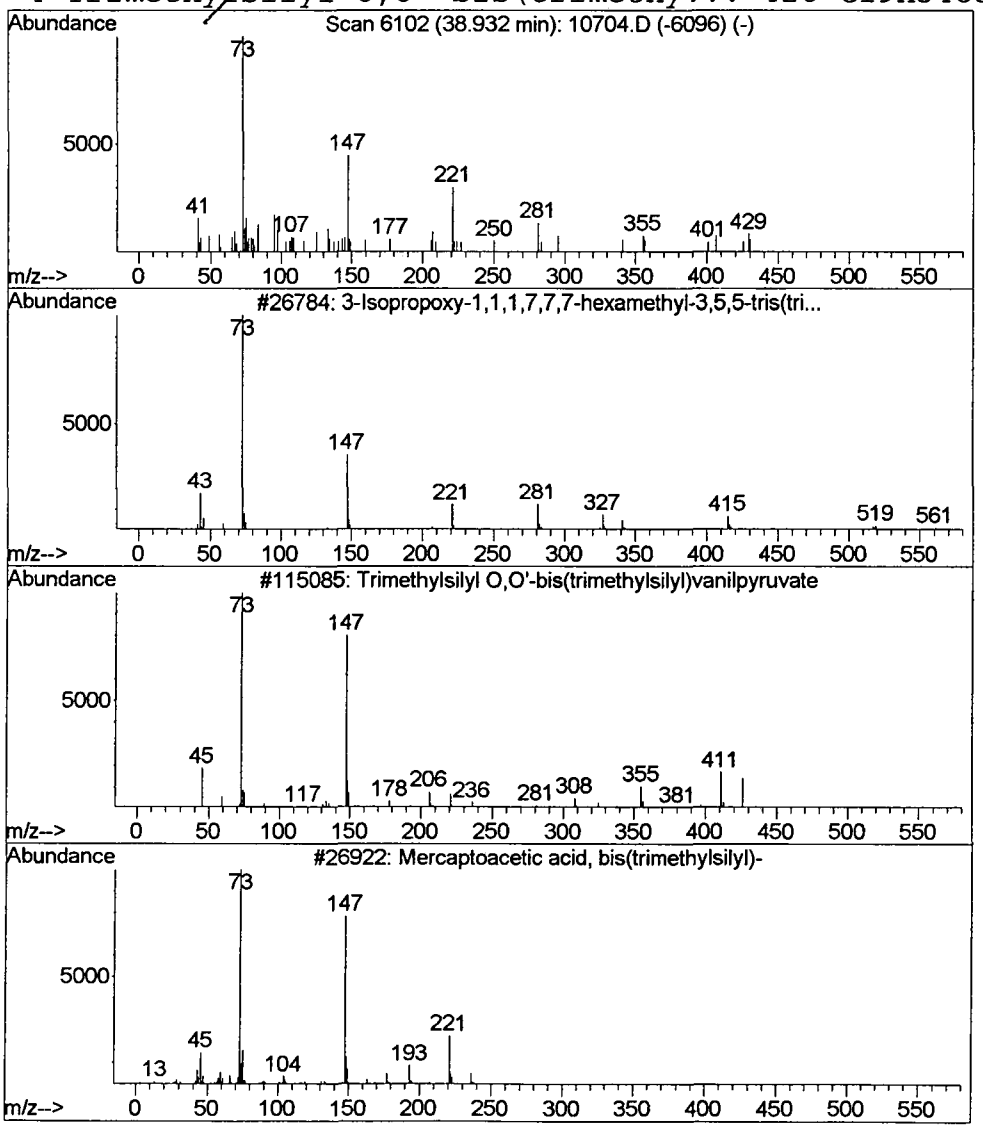
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title        : Method 508 GC/MS Scan
Library      : C:\DATABASE\nist98.l
```

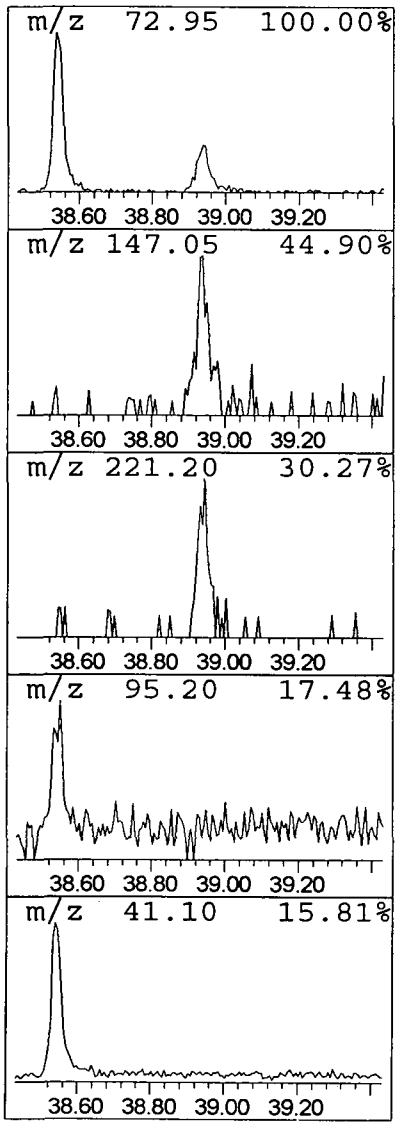
****

Peak Number 11 3-Isopropoxy-1,1,1,7,7,7-he... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.93	0.39 ug/l	42673	Chrysene-d12	39.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	50
2	Trimethylsilyl O,O'-bis(trimethy...	426	C19H34O5Si3	068595-71-1	43
3	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	40
4	Trimethylsilyl O,O'-bis(trimethy...	426	C19H34O5Si3	068595-71-1	38





Operator ID: Nefliu Date Acquired: 14 May 2002 2:23 am
Data File: C:\MSDCHEM\1\DATA\020513\10704.D
Name: sample
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 #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Acetonitrile, dic...	3.66	0.6	ug/l	54737	1	11.38	3888190	40.0
2-Pentanone, 4-hy...	6.16	14.1	ug/l	1371280	1	11.38	3888190	40.0
Heptasiloxane, 1,...	28.36	0.4	ug/l	54873	4	31.72	5356370	40.0
Anthracene, 2-met...	31.09	0.3	ug/l	46709	4	31.72	5356370	40.0
Anthracene-d10-	31.96	0.4	ug/l	48682	4	31.72	5356370	40.0
1,1,1,5,7,7,7-Hep...	32.20	0.4	ug/l	53976	4	31.72	5356370	40.0
Octasiloxane, 1,1...	34.55	0.3	ug/l	40107	4	31.72	5356370	40.0
3-Isopropoxy-1,1,...	36.28	0.4	ug/l	43002	5	39.94	4355360	40.0
t-Butyldimethyl(2...	37.70	0.4	ug/l	42649	5	39.94	4355360	40.0
Phosphonic acid, ...	38.54	5.9	ug/l	647211	5	39.94	4355360	40.0
3-Isopropoxy-1,1,...	38.93	0.4	ug/l	42673	5	39.94	4355360	40.0