User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 08:49:36

Sample: AE00165
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/13/02 08:49 Ended: 2/13/02 08:49 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		73		5.0

Comments for Sample AE00165 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-13-2002 Time: 08:50:04

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB04\00165.D Vial: 4
Acq On : 4 Feb 2002 5:37 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 05 08:28:33 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.71	152	1665486	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	7027676	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	3707104	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	6128629	20.00	ug/L	-0.02
38) Chrysene-d12	30.50	240	5227941	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	3691673	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	353685	3.65	ug/L	0.00
Spiked Amount 5.000			Recovery = 73.00%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.34	163	592633	2.42	ug/L #	56
21) 2,6-Dinitrotoluene	18.34	165	467343	9.79	ug/L #	17
42) Bis(2-ethylhexyl)phthalate	31.11	149	71622	0.82	ug/L	98

(#) = qualifier out of range (m) = manual integration
00165.D SCAN508.M Tue Feb 05 08:28:35 2002 Page 1

Quantitation Report (Not Reviewed)

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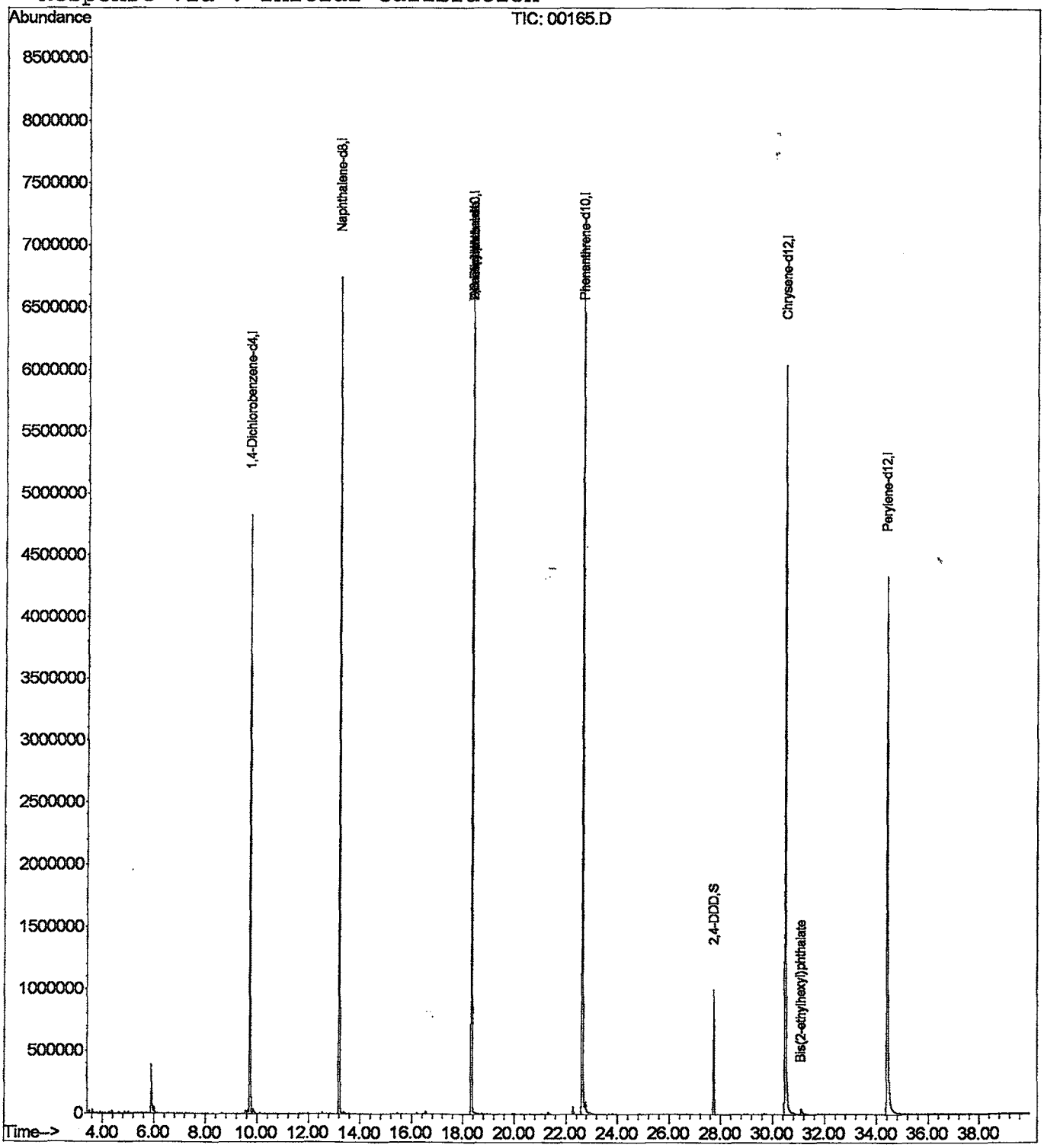
Acq On : 4 Feb 2002 5:37 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 5 8:28 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB04\00165.D Vial: 4
Acq On : 4 Feb 2002 5:37 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Smoothing : OFF Filtering: 5
Sampling : 2 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 20
Stop Thrs : 0 Peak Location: TOP

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

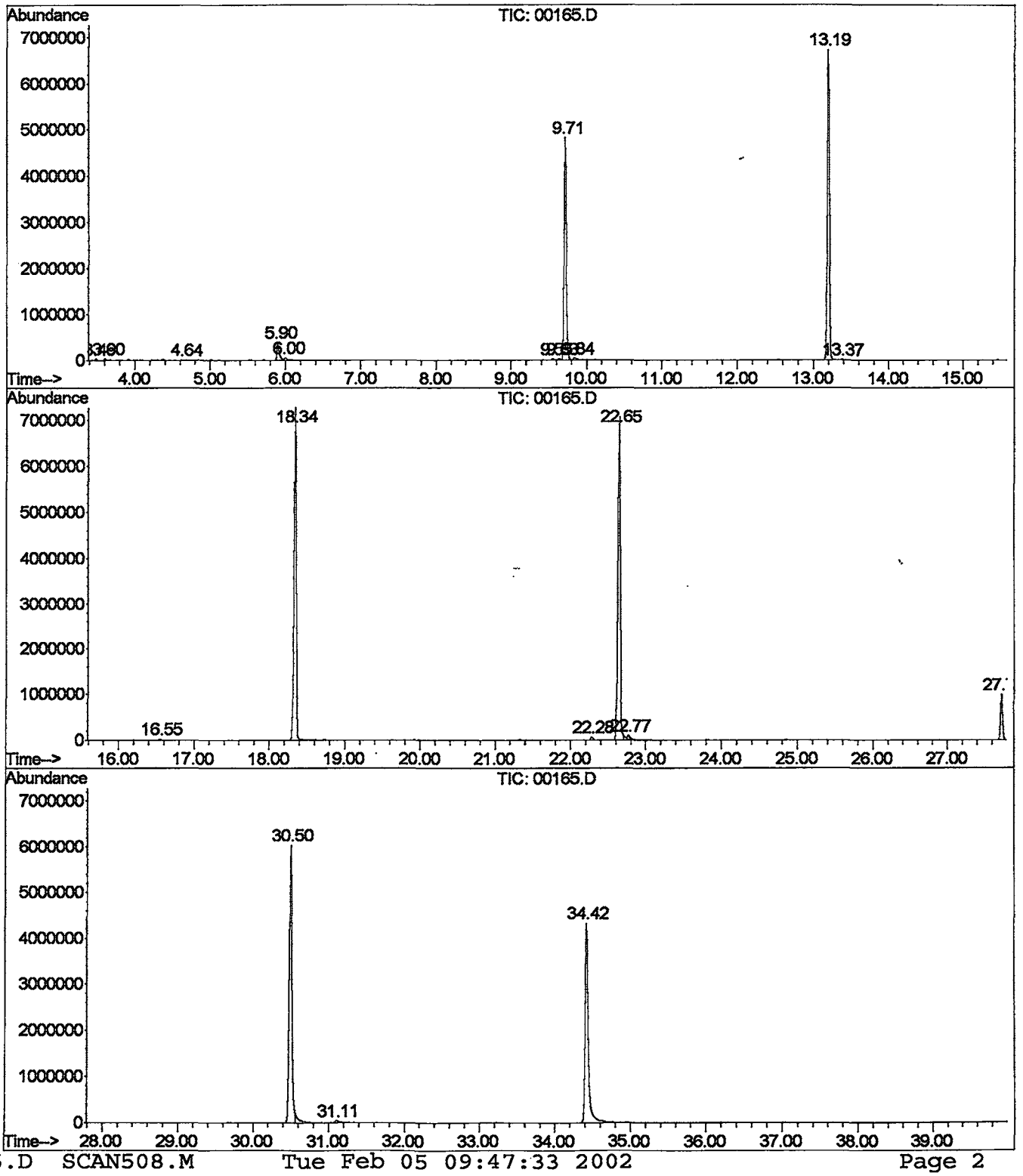
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.488	7	10	13	rVB	25840	41240	0.26%	0.048%
2	3.602	19	20	25	rBV	29728	52748	0.33%	0.062%
3	4.641	105	111	121	rVB4	10632	41687	0.26%	0.049%
4	5.897	217	221	227	rVV	390612	759623	4.70%	0.890%
5	6.000	227	230	243	rVB	53912	150128	0.93%	0.176%
6	9.550	539	541	545	rBV	28083	68732	0.43%	0.080%
7	9.630	545	548	551	rVV	29103	67868	0.42%	0.079%
8	9.710	551	555	561	rVV	4824661	9543482	59.03%	11.176%
9	9.836	563	566	577	rVV	39604	127770	0.79%	0.150%
10	13.192	855	860	865	rBV	6736670	13576071	83.97%	15.899%
11	13.375	873	876	883	rVB	15362	35353	0.22%	0.041%
12	16.549	1149	1154	1159	rVV	21596	43200	0.27%	0.051%
13	18.341	1305	1311	1317	rBV	7282611	14980715	92.65%	17.544%
14	22.280	1651	1656	1661	rBV	63265	122673	0.76%	0.144%
15	22.645	1681	1688	1693	rBV2	7079694	16168293	100.00%	18.935%
16	22.771	1697	1699	1713	rVB	91361	249990	1.55%	0.293%
17	27.726	2127	2133	2139	rBV	996810	1763232	10.91%	2.065%
18	30.500	2369	2376	2381	rBV2	6038540	14899385	92.15%	17.449%
19	31.105	2425	2429	2439	rBV	43661	161291	1.00%	0.189%
20	34.416	2713	2719	2759	rBV	4325422	12535917	77.53%	14.681%

Sum of corrected areas: 85389398

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB04\00165.D
Operator :
Acquired : 4 Feb 2002 5:37 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : February 4, 2002
Vial Number: 4
Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB04\00165.D Vial: 4
Acq On : 4 Feb 2002 5:37 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

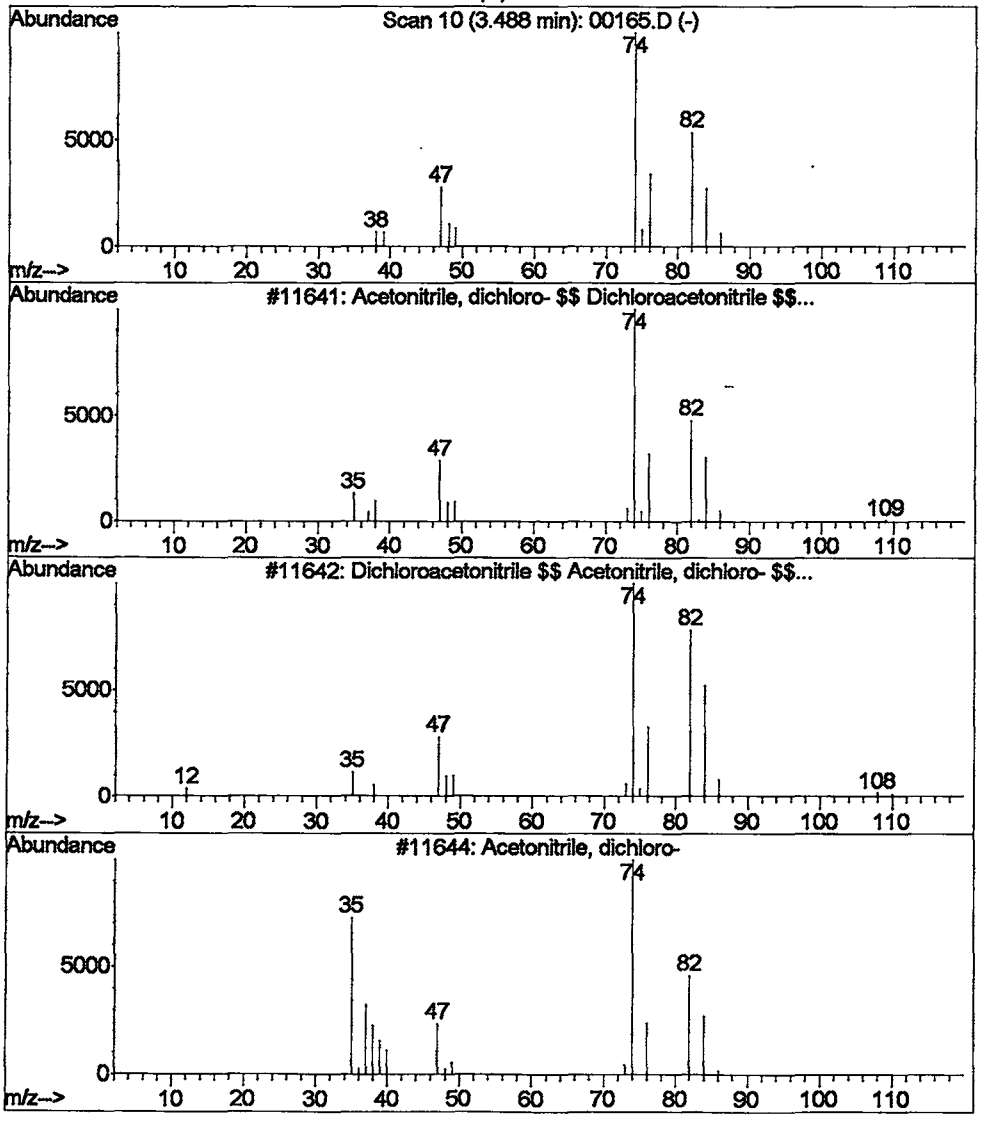
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

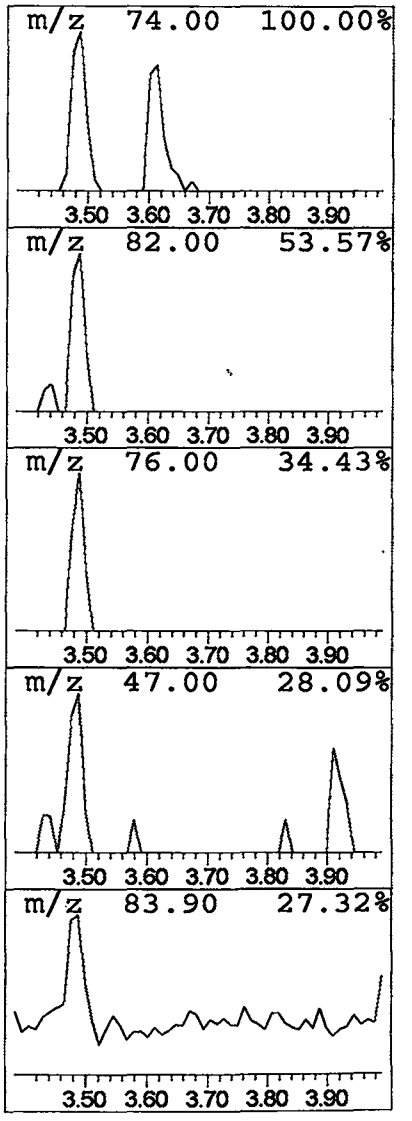
****

Peak Number 1 Acetonitrile, dichloro- $$ ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.49	0.09 ug/L	41240	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro- $$ Dichl...	109	C2HCl2N	003018-12-0	83
2	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	74
3	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	64
4	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	38





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB04\00165.D Vial: 4
Acq On : 4 Feb 2002 5:37 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

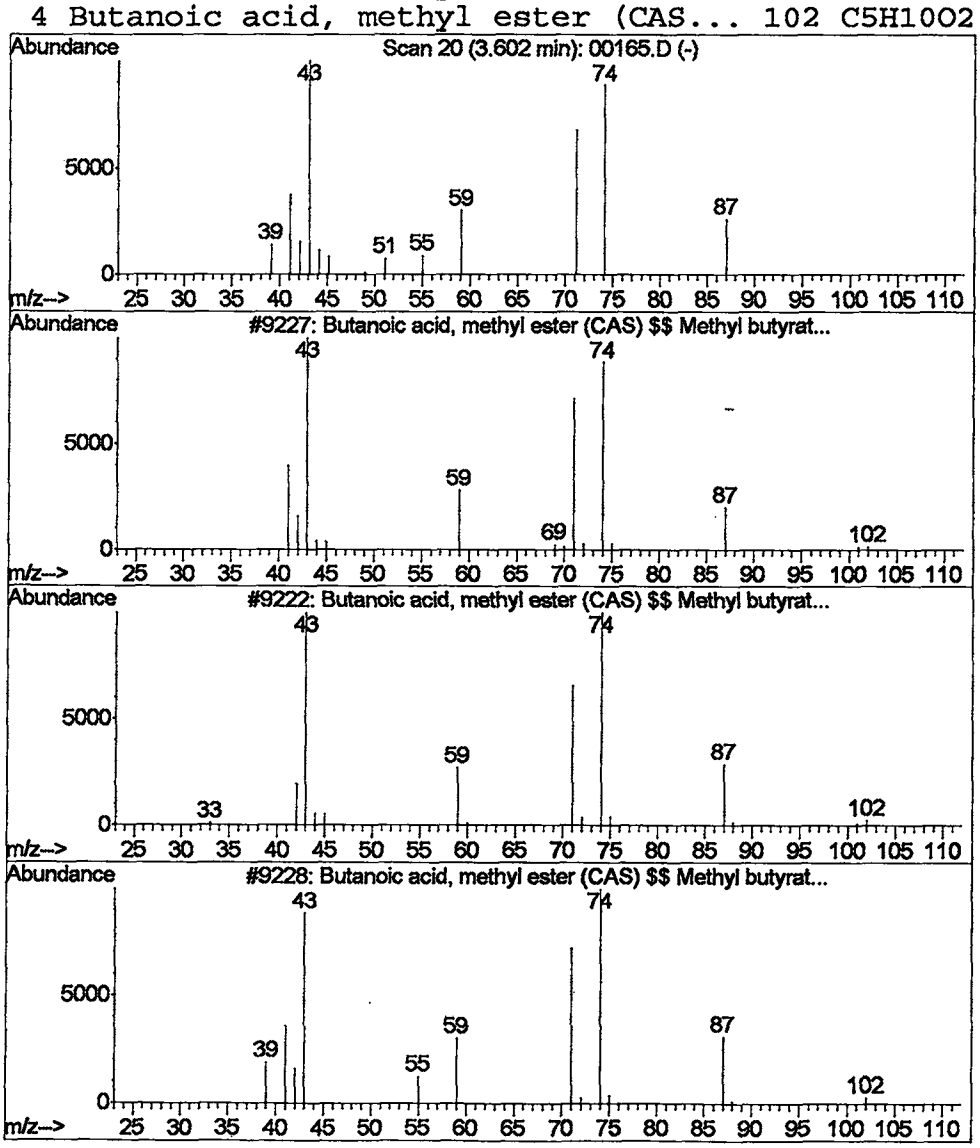
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

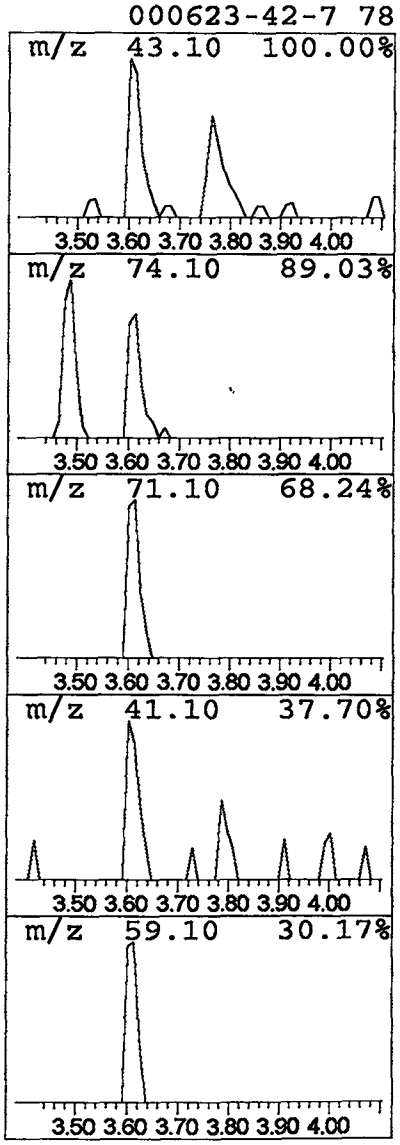
****

Peak Number 2 Butanoic acid, methyl ester... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	0.11 ug/L	52748	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
2	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
3	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	78
4	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	78





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB04\00165.D Vial: 4
Acq On : 4 Feb 2002 5:37 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

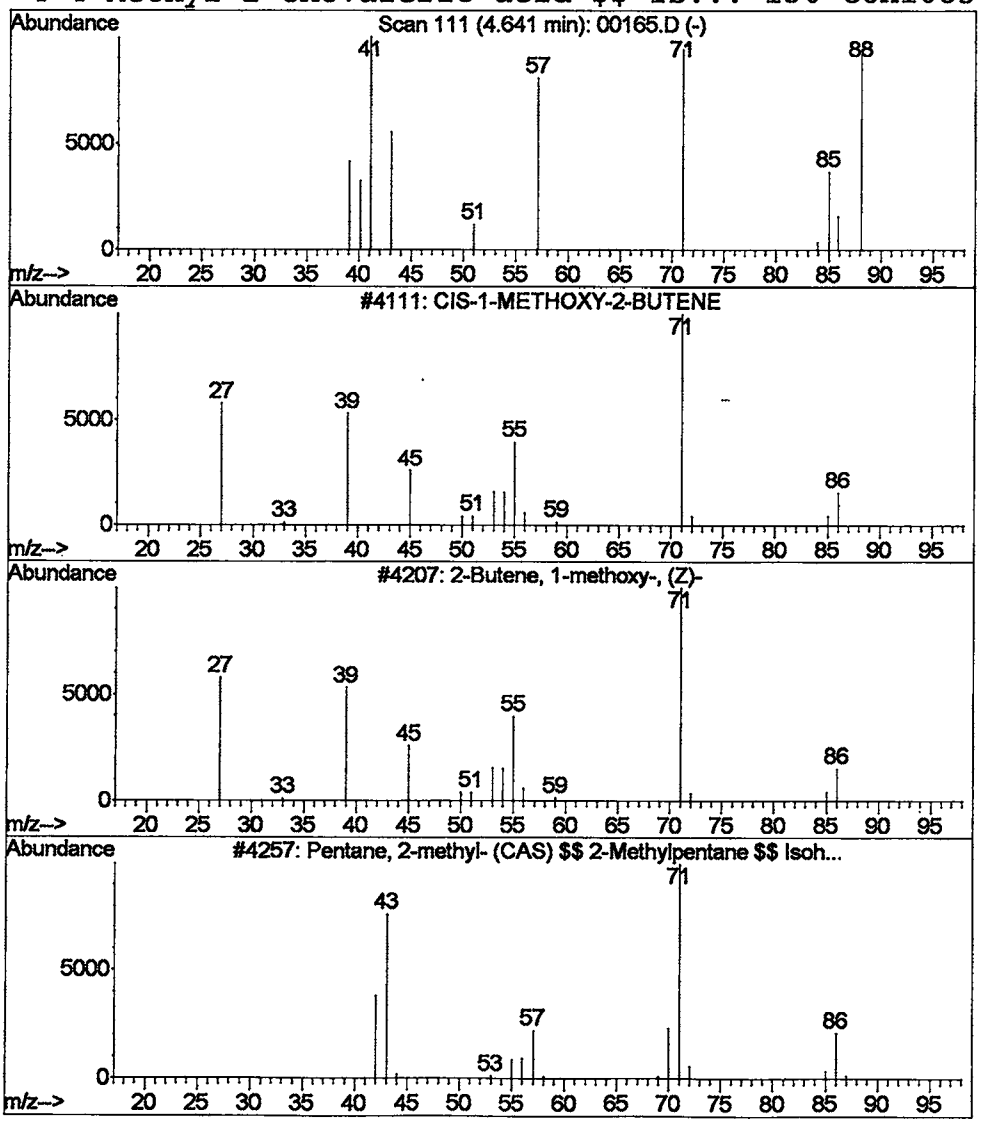
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

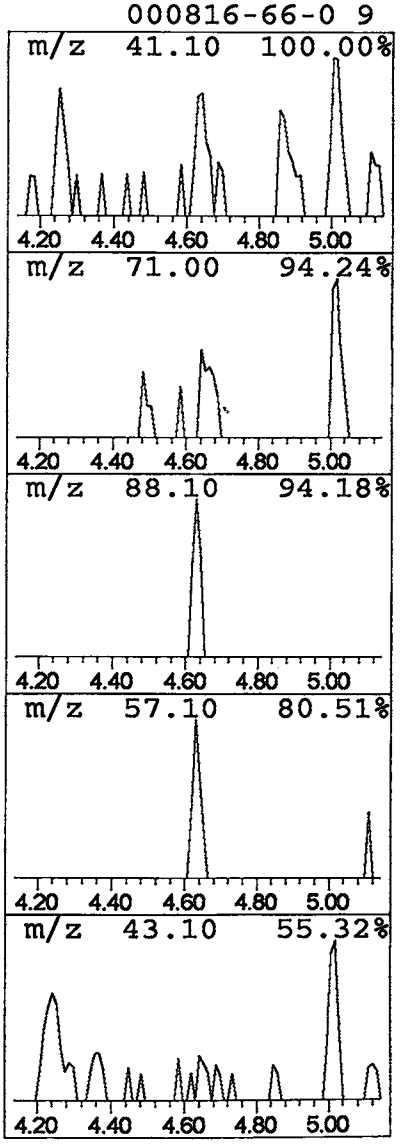
****

Peak Number 3 CIS-1-METHOXY-2-BUTENE Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	0.09 ug/L	41687	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	CIS-1-METHOXY-2-BUTENE	86	C5H10O	010034-14-7	9
2	2-Butene, 1-methoxy-, (Z)-	86	C5H10O	010034-16-9	9
3	Pentane, 2-methyl- (CAS) $$ 2-Me...	86	C6H14	000107-83-5	9
4	4-Methyl-2-oxovaleric acid $$ Is...	130	C6H10O3	000816-66-0	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB04\00165.D Vial: 4
Acq On : 4 Feb 2002 5:37 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

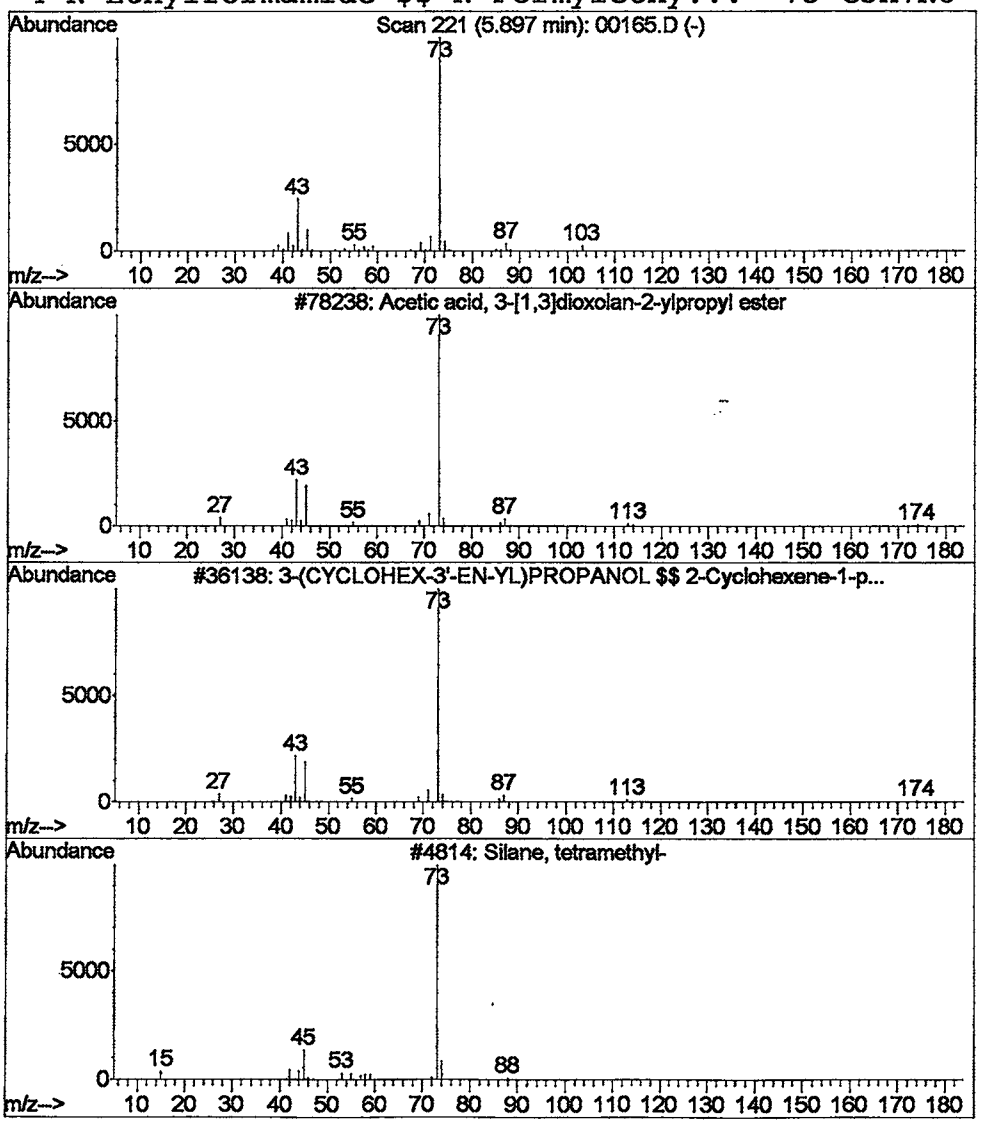
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

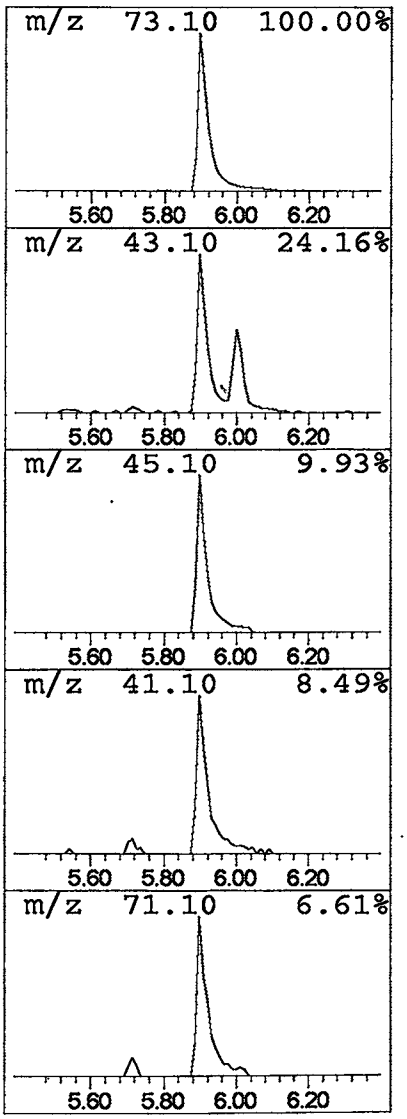
****

Peak Number 4 Acetic acid, 3-[1,3]dioxola... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	1.59 ug/L	759623	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	33
2	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	33
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
4	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB04\00165.D Vial: 4
Acq On : 4 Feb 2002 5:37 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

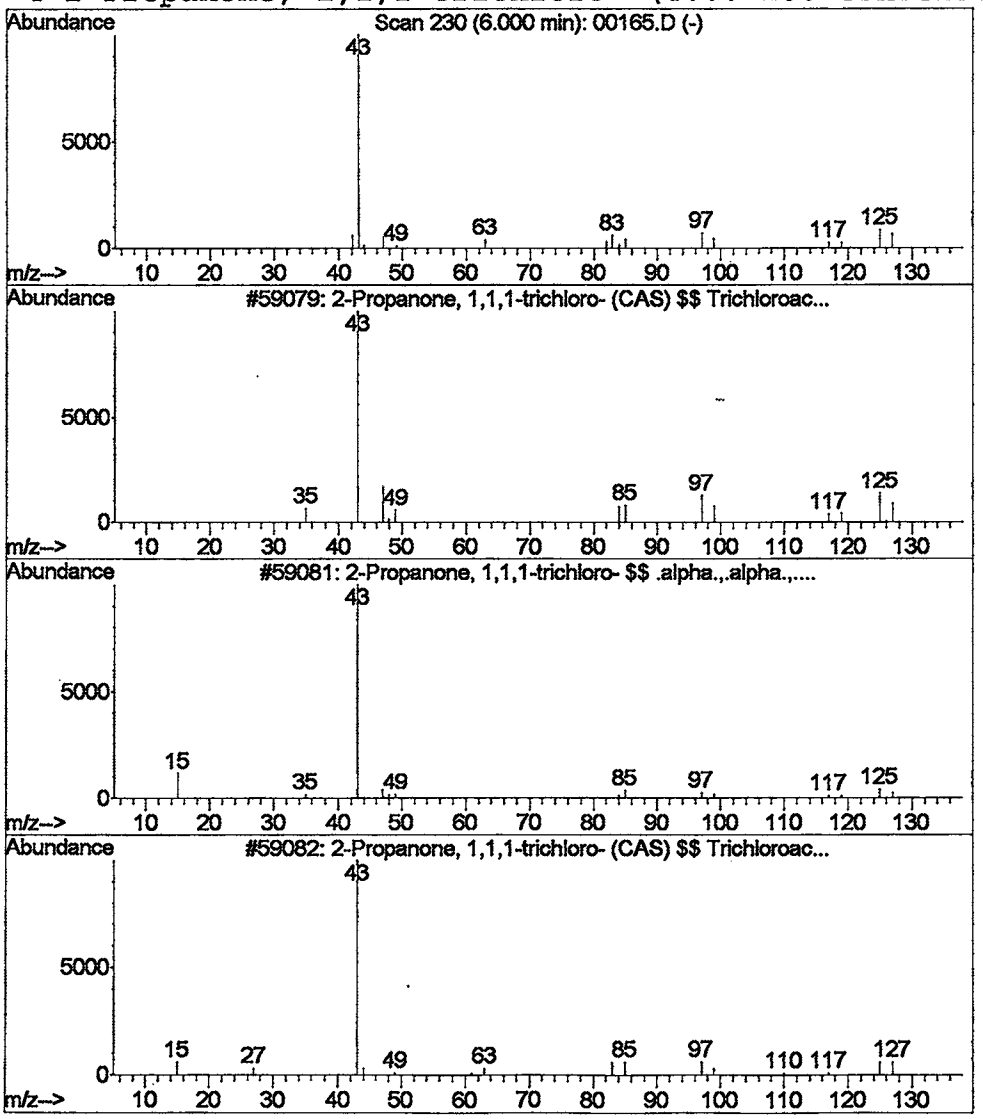
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

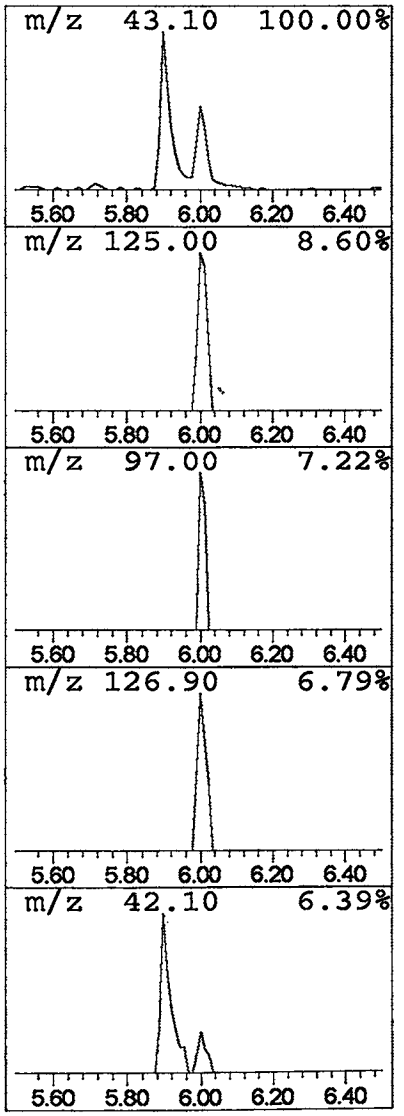
****

Peak Number 5 2-Propanone, 1,1,1-trichlor... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	0.31 ug/L	150128	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro- (C...	160	C3H3Cl3O	000918-00-3	72
2	2-Propanone, 1,1,1-trichloro- $$...	160	C3H3Cl3O	000918-00-3	64
3	2-Propanone, 1,1,1-trichloro- (C...	160	C3H3Cl3O	000918-00-3	53
4	2-Propanone, 1,1,1-trichloro- (C...	160	C3H3Cl3O	000918-00-3	42





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB04\00165.D Vial: 4
Acq On : 4 Feb 2002 5:37 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

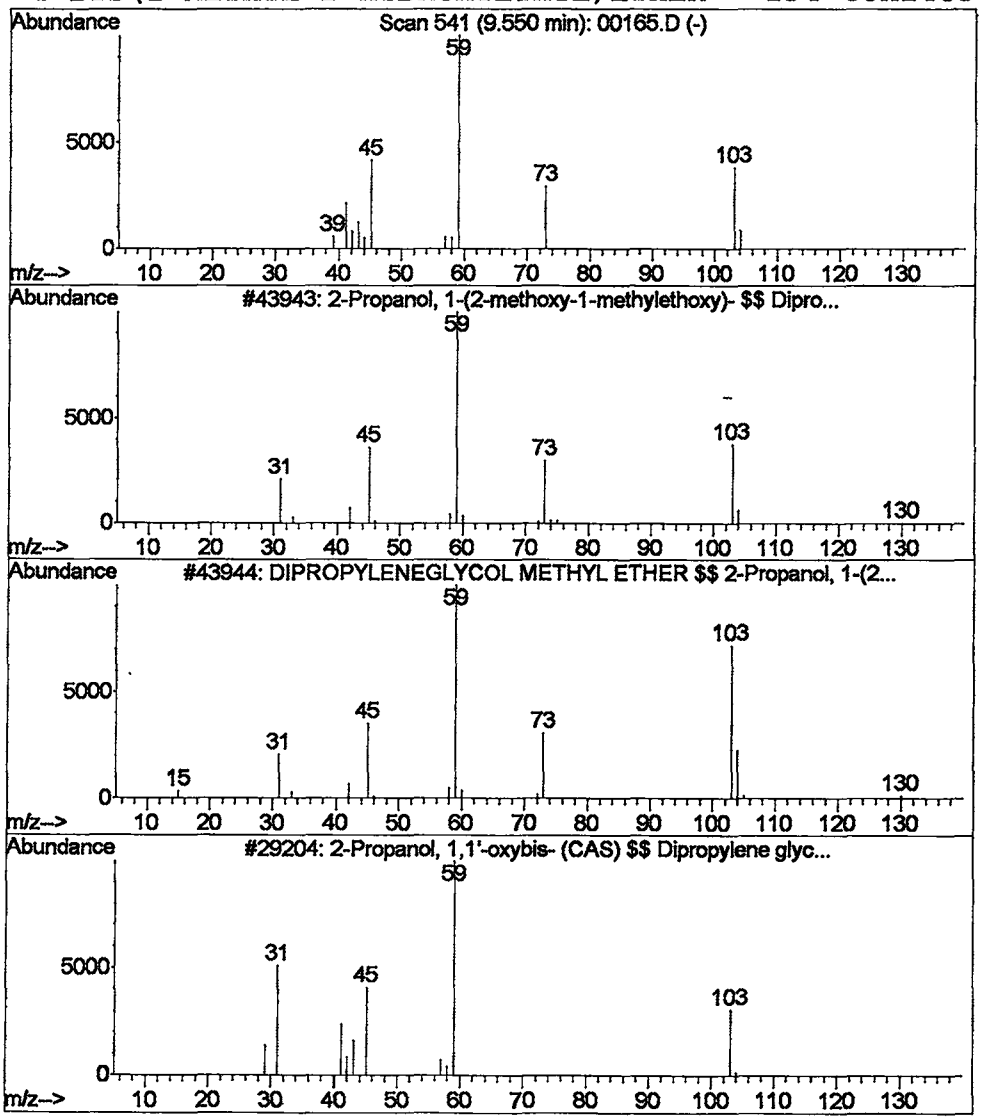
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

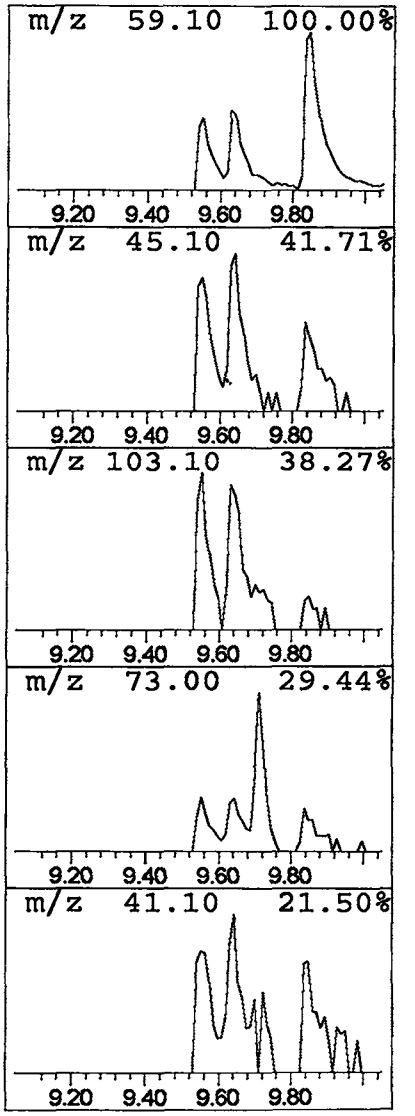
****

Peak Number 6 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	0.14 ug/L	68732	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	74
2	DIPROPYLENEGLYCOL METHYL ETHER $...	148	C7H16O3	020324-32-7	72
3	2-Propanol, 1,1'-oxybis- (CAS) $...	134	C6H14O3	000110-98-5	45
4	BIS(1-METHYL-2-HYDROXYETHYL)ETHER	134	C6H14O3	000000-00-0	40





Library Search Compound Report

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Acq On : 4 Feb 2002 5:37 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

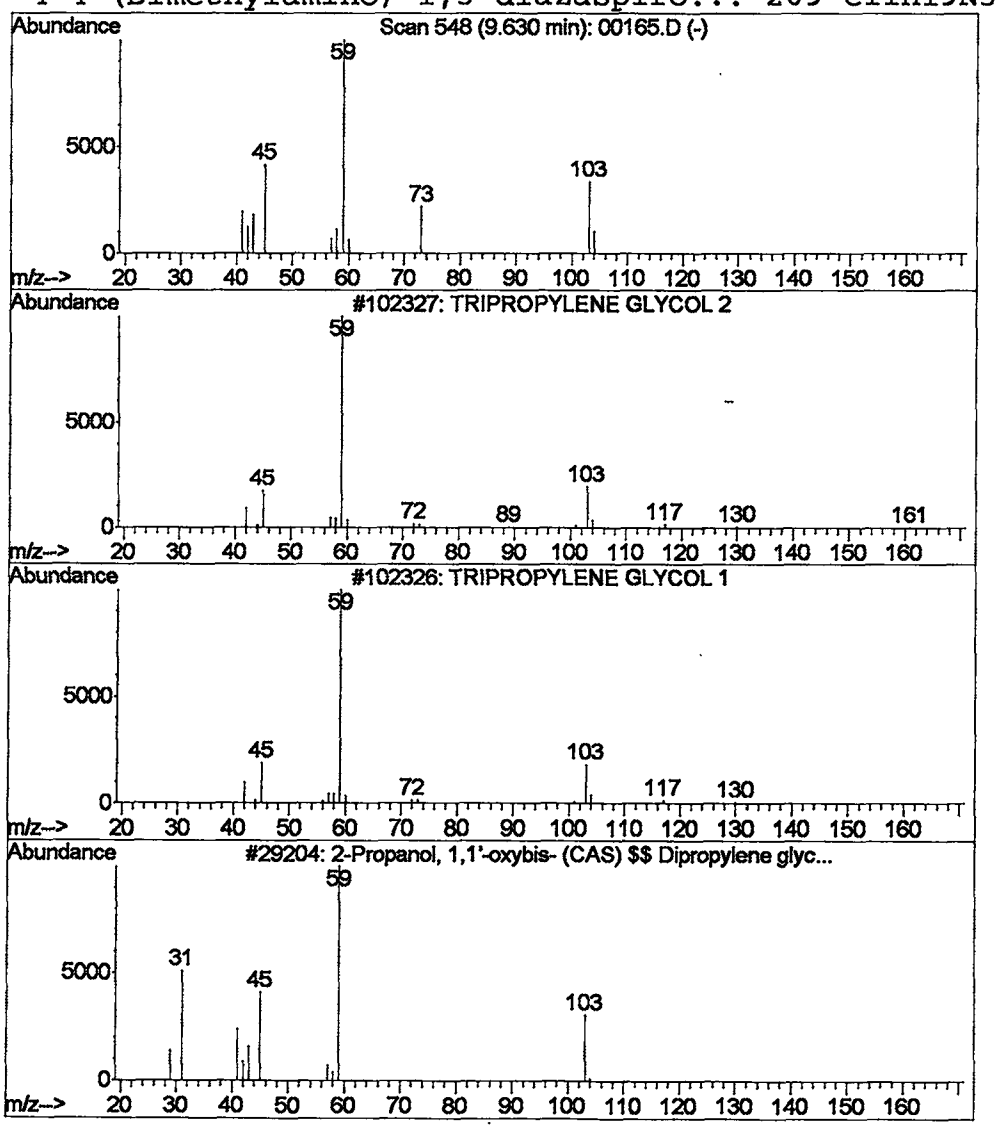
****

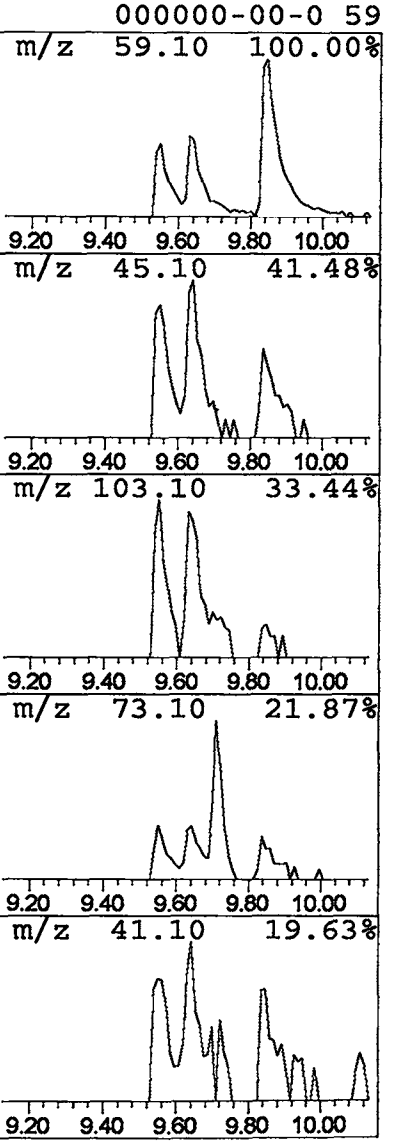
Peak Number 7 TRIPROPYLENE GLYCOL 2 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	0.14 ug/L	67868	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	TRIPROPYLENE GLYCOL 2	192	C9H20O4	000000-00-0	72
2	TRIPROPYLENE GLYCOL 1	192	C9H20O4	000000-00-0	72
3	2-Propanol, 1,1'-oxybis- (CAS) $...	134	C6H14O3	000110-98-5	59
4	4-(Dimethylamino)-1,3-diazaspiro...	209	C11H19N3O	000000-00-0	59

NO GOOD MATCH





Library Search Compound Report

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Acq On : 4 Feb 2002 5:37 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

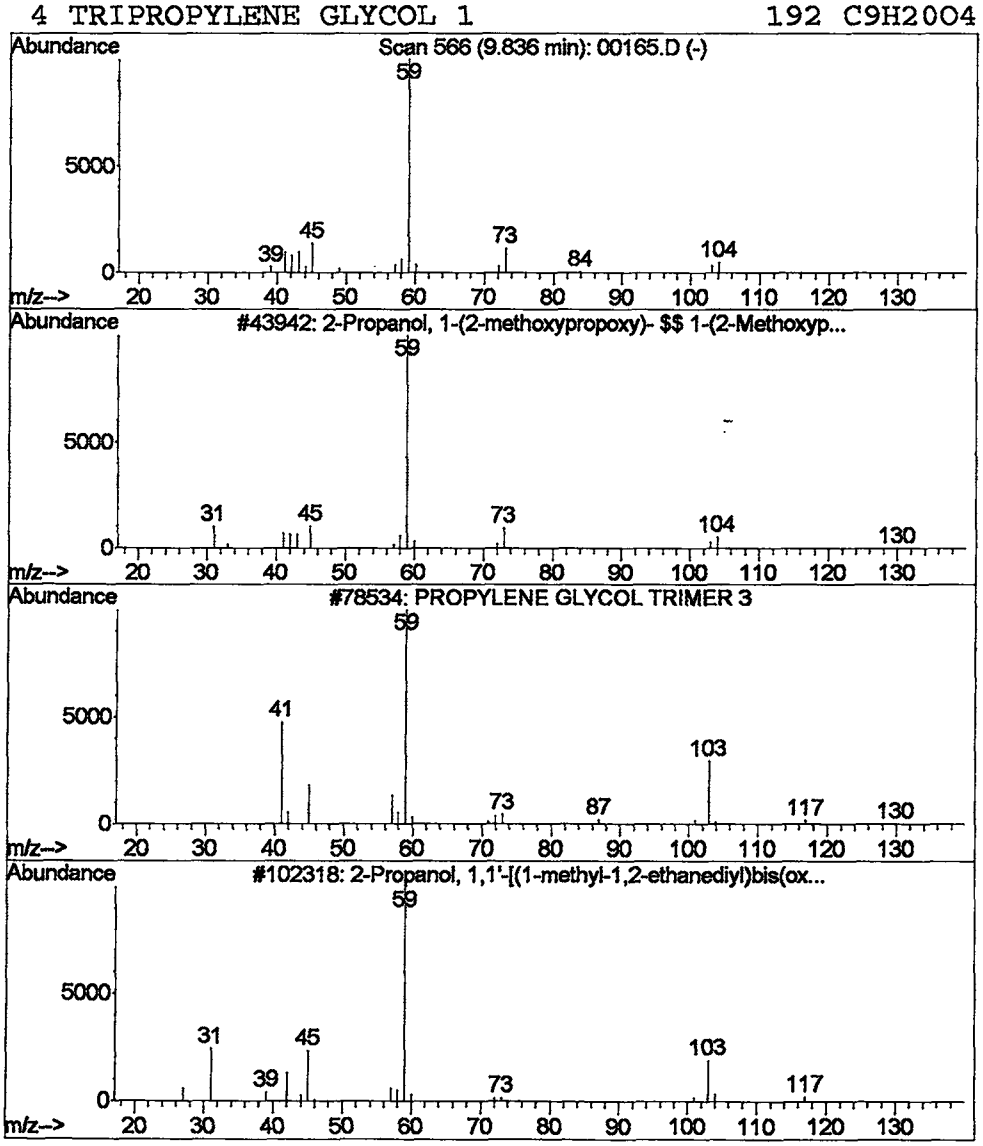
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

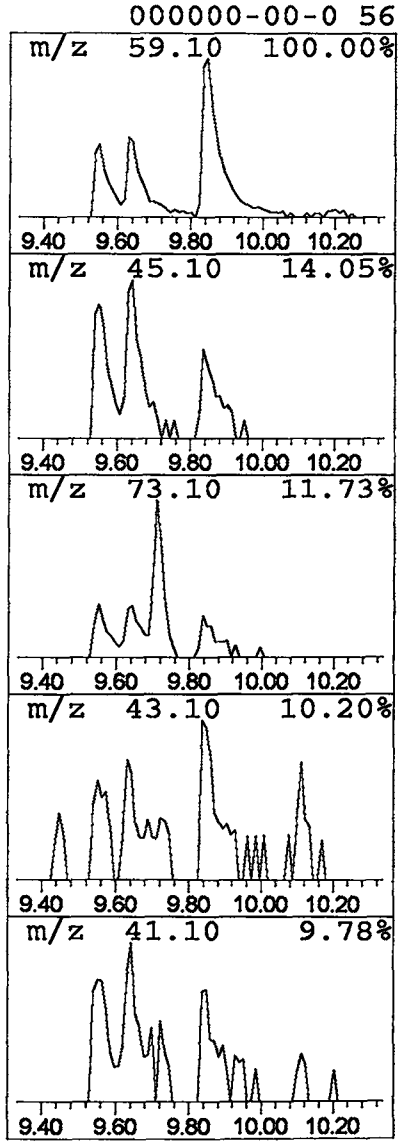
****

Peak Number 8 2-Propanol, 1-(2-methoxypro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	0.27 ug/L	127770	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)...	148	C7H16O3	013429-07-7	83
2	PROPYLENE GLYCOL TRIMER 3	174	C9H18O3	000000-00-0	72
3	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	64
4	TRIPROPYLENE GLYCOL 1	192	C9H20O4	000000-00-0	56





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Acq On : 4 Feb 2002 5:37 pm Operator:
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Library : C:\DATABASE\WILEY7N.L

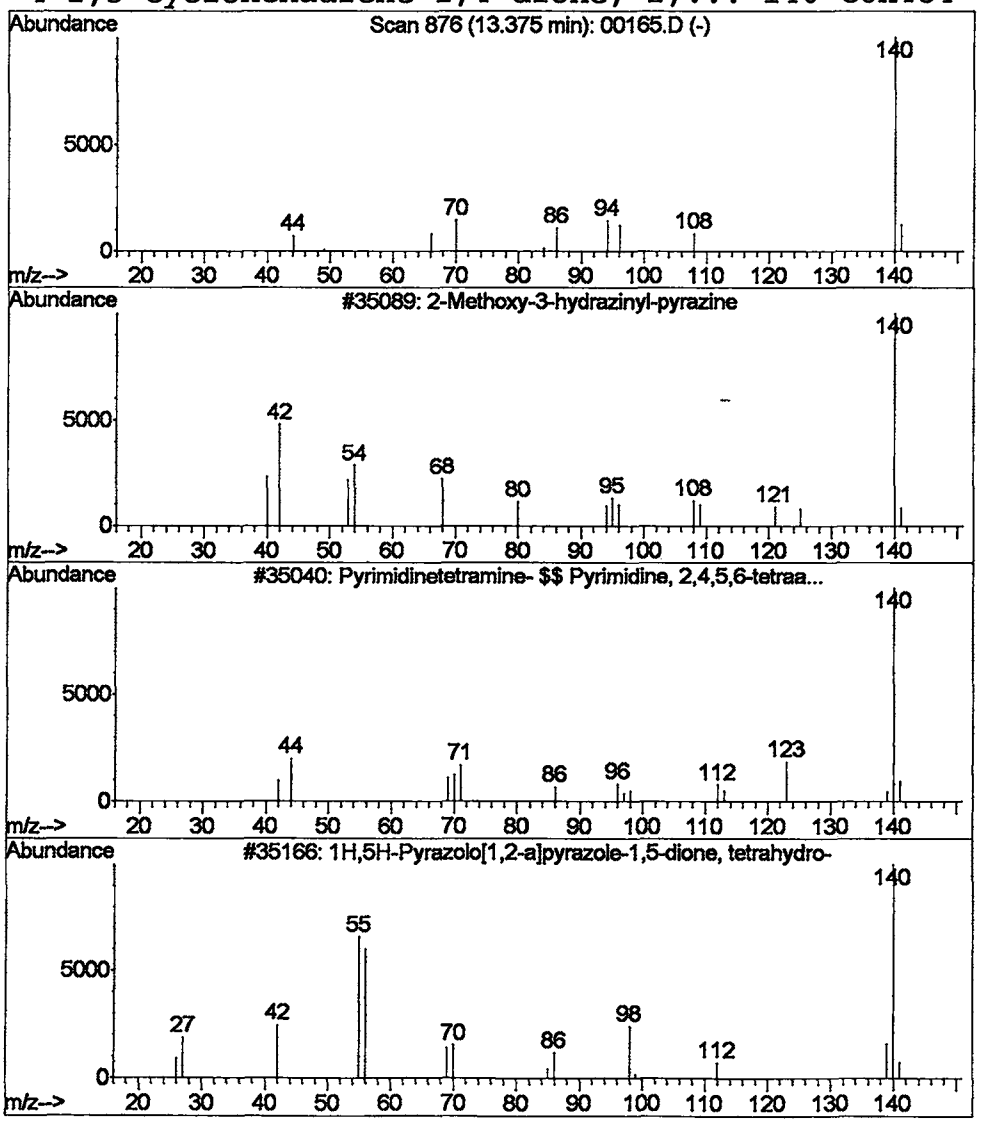
****

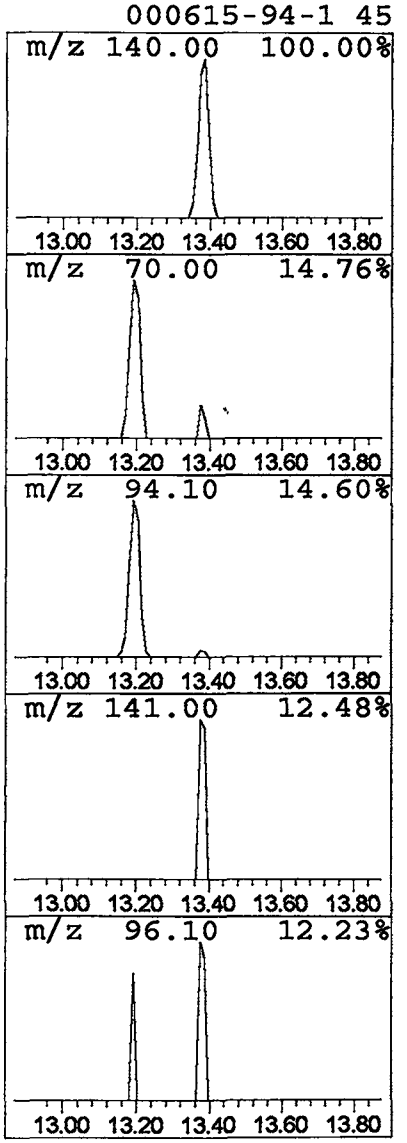
Peak Number 9 2-Methoxy-3-hydrazinyl-pyra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	0.05 ug/L	35353	Naphthalene-d8	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxy-3-hydrazinyl-pyrazine	140	C5H8N4O	000000-00-0	72
2	Pyrimidinetetramine- $$ Pyrimidi...	140	C4H8N6	001004-74-6	72
3	1H,5H-Pyrazolo[1,2-a]pyrazole-1,...	140	C6H8N2O2	019720-72-0	50
4	2,5-Cyclohexadiene-1,4-dione, 2,...	140	C6H4O4	000615-94-1	45

NO GOOD MATCH





Data File : C:\MSDCHEM\1\5973N\02FEB04\00165.D Vial: 4
Acq On : 4 Feb 2002 5:37 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

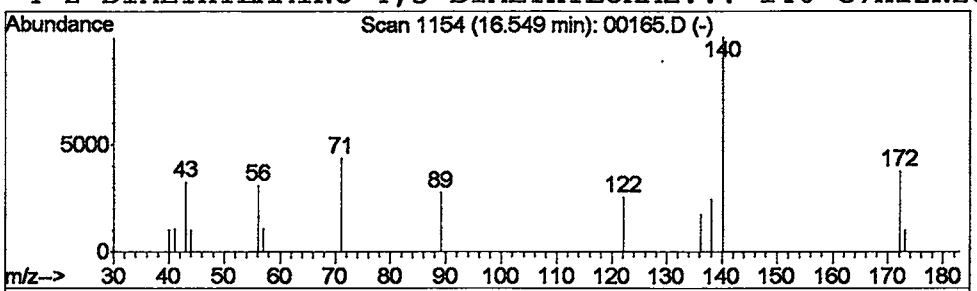
****

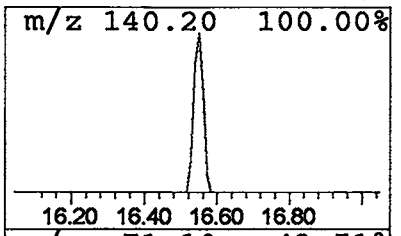
Peak Number 10 4H-Pyran-4-one, 2-ethyl-3-h... Concentration Rank 11

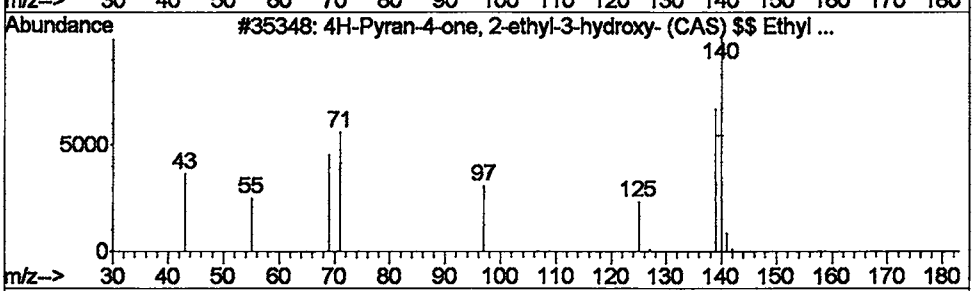
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	0.06 ug/L	43200	Acenaphthene-d10	18.34

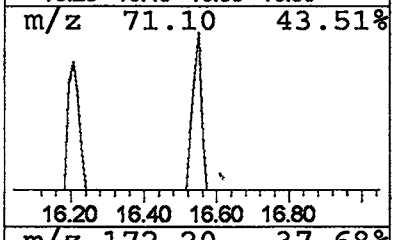
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Pyran-4-one, 2-ethyl-3-hydrox...	140	C7H8O3	004940-11-8	7
2	2-Dimethylamino-4,5-dimethyl-oxa...	140	C7H12N2O	000000-00-0	5
3	2,5-Cyclohexadiene-1,4-dione, 2,...	140	C6H4O4	000615-94-1	5
4	2-DIMETHYLAMINO-4,5-DIMETHYLOXAZ...	140	C7H12N2O	073777-29-4	5

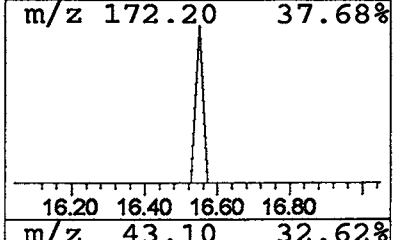
NO GOOD MATCH

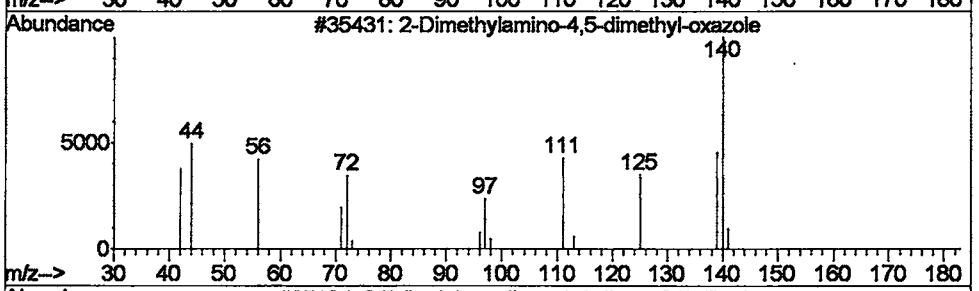


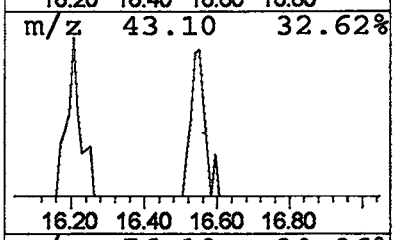


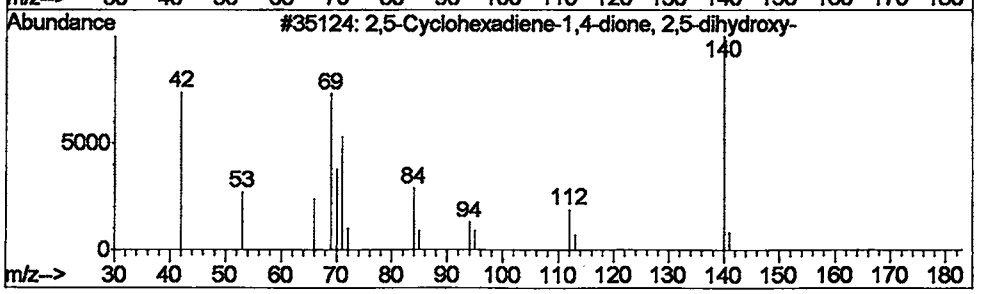


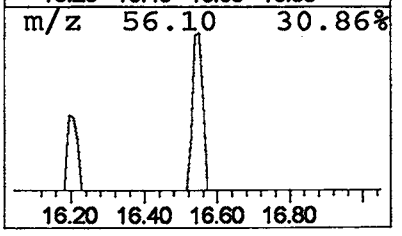












Data File : C:\MSDCHEM\1\5973N\02FEB04\00165.D Vial: 4
Acq On : 4 Feb 2002 5:37 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

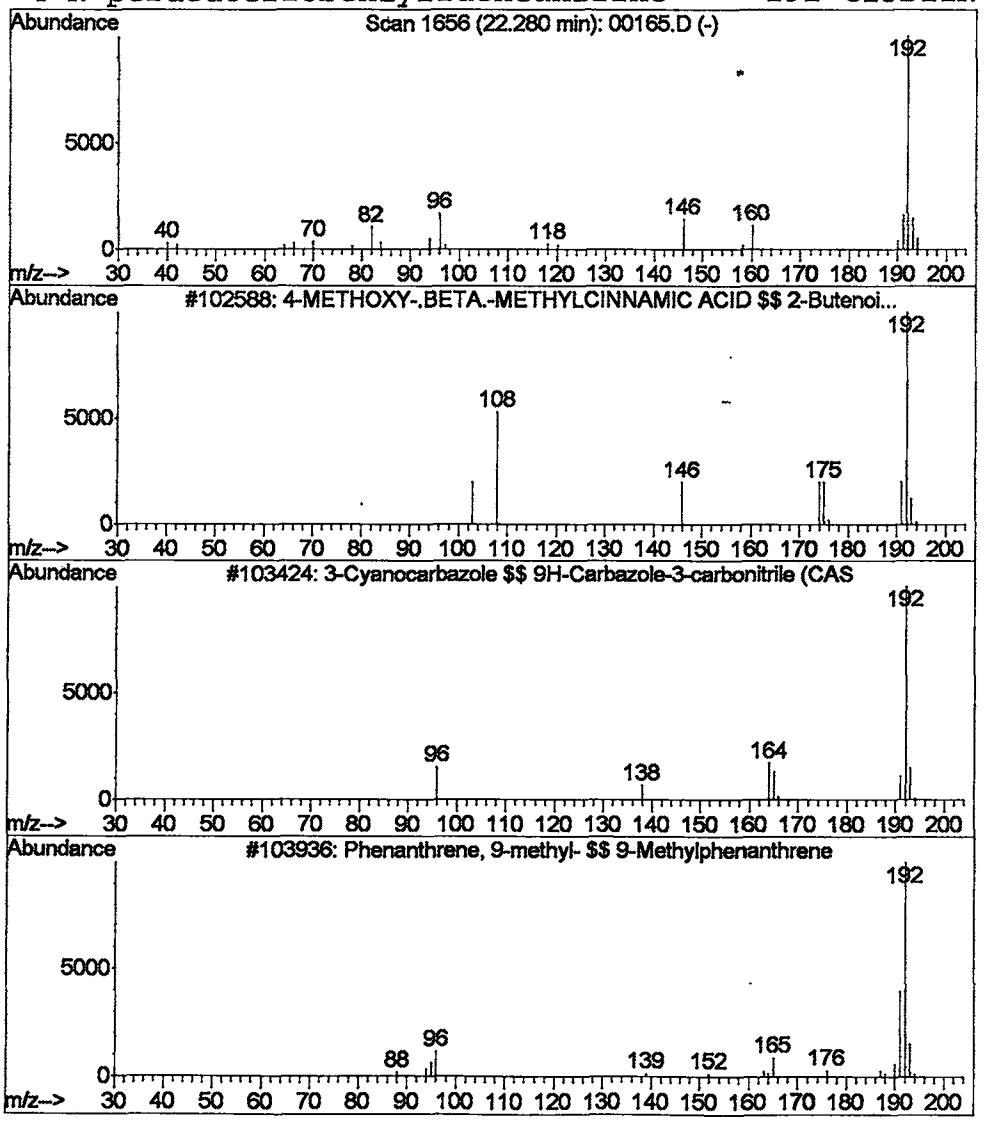
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

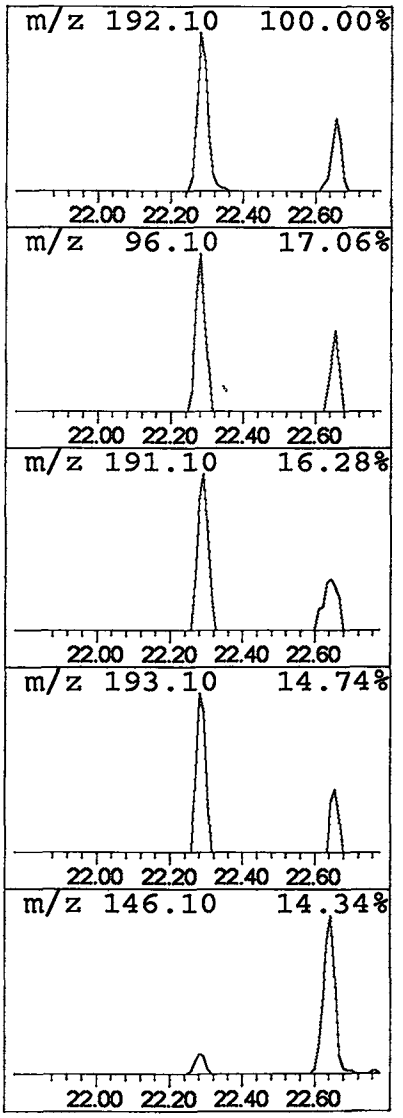
****

Peak Number 11 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.15 ug/L	122673	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	72
2	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	64
3	Phenanthrene, 9-methyl- $$ 9-Met...	192	C15H12	000883-20-5	59
4	N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	53





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB04\00165.D Vial: 4
Acq On : 4 Feb 2002 5:37 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

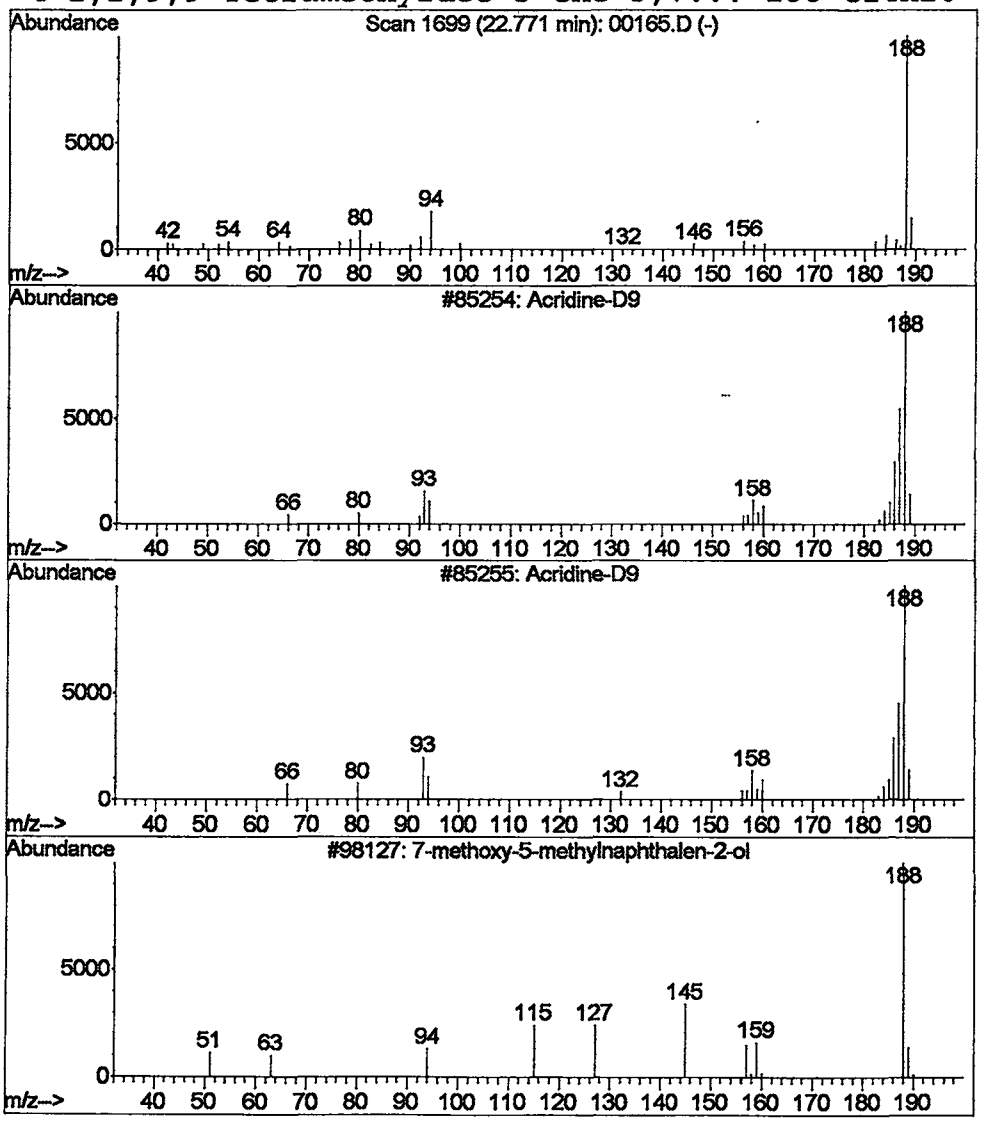
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

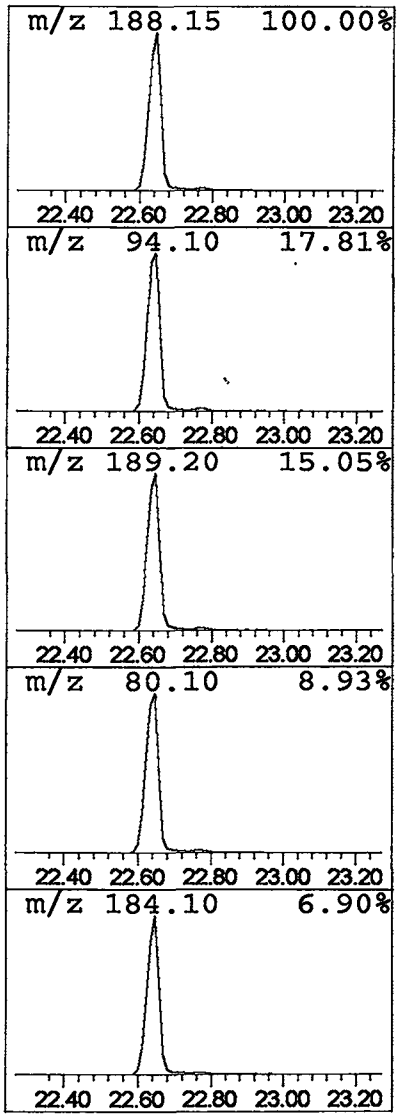
****

Peak Number 12 Acridine-D9 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.31 ug/L	249990	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine-D9	188	C13D9N	000000-00-0	72
2	Acridine-D9	188	C13D9N	000000-00-0	72
3	7-methoxy-5-methylnaphthalen-2-ol	188	C12H12O2	000000-00-0	59
4	2,2,9,9-Tetramethyldec-5-ene-3,7...	188	C14H20	102745-35-7	50





Tentatively Identified Compound (TIC) Summary

Operator ID: Date Acquired: 4 Feb 2002 5:37 pm
Data File: C:\MSDCHEM\1\5973N\02FEB04\00165.D
Name: 508 scan
Misc: February 4, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Acetonitrile, dic...	3.49	0.1	ug/L	41240	1	9.71	9543480	20.0
Butanoic acid, me...	3.60	0.1	ug/L	52748	1	9.71	9543480	20.0
CIS-1-METHOXY-2-B...	4.64	0.1	ug/L	41687	1	9.71	9543480	20.0
Acetic acid, 3-[1...	5.90	1.6	ug/L	759623	1	9.71	9543480	20.0
2-Propanone, 1,1,...	6.00	0.3	ug/L	150128	1	9.71	9543480	20.0
2-Propanol, 1-(2-...	9.55	0.1	ug/L	68732	1	9.71	9543480	20.0
TRIPROPYLENE GLYC...	9.63	0.1	ug/L	67868	1	9.71	9543480	20.0
2-Propanol, 1-(2-...	9.84	0.3	ug/L	127770	1	9.71	9543480	20.0
2-Methoxy-3-hydra...	13.38	0.1	ug/L	35353	2	13.19	13576100	20.0
4H-Pyran-4-one, 2...	16.55	0.1	ug/L	43200	3	18.34	14980700	20.0
4-METHOXY-.BETA.-...	22.28	0.2	ug/L	122673	4	22.65	16168300	20.0
Acridine-D9	22.77	0.3	ug/L	249990	4	22.65	16168300	20.0