User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 09:02:55

Sample: AE00166
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/13/02 09:02 Ended: 2/13/02 09:02 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		74		5.0

Comments for Sample AE00166 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-13-2002 Time: 09:03:34

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\00166.D Vial: 5
Acq On : 4 Feb 2002 6:27 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 05 08:28:35 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

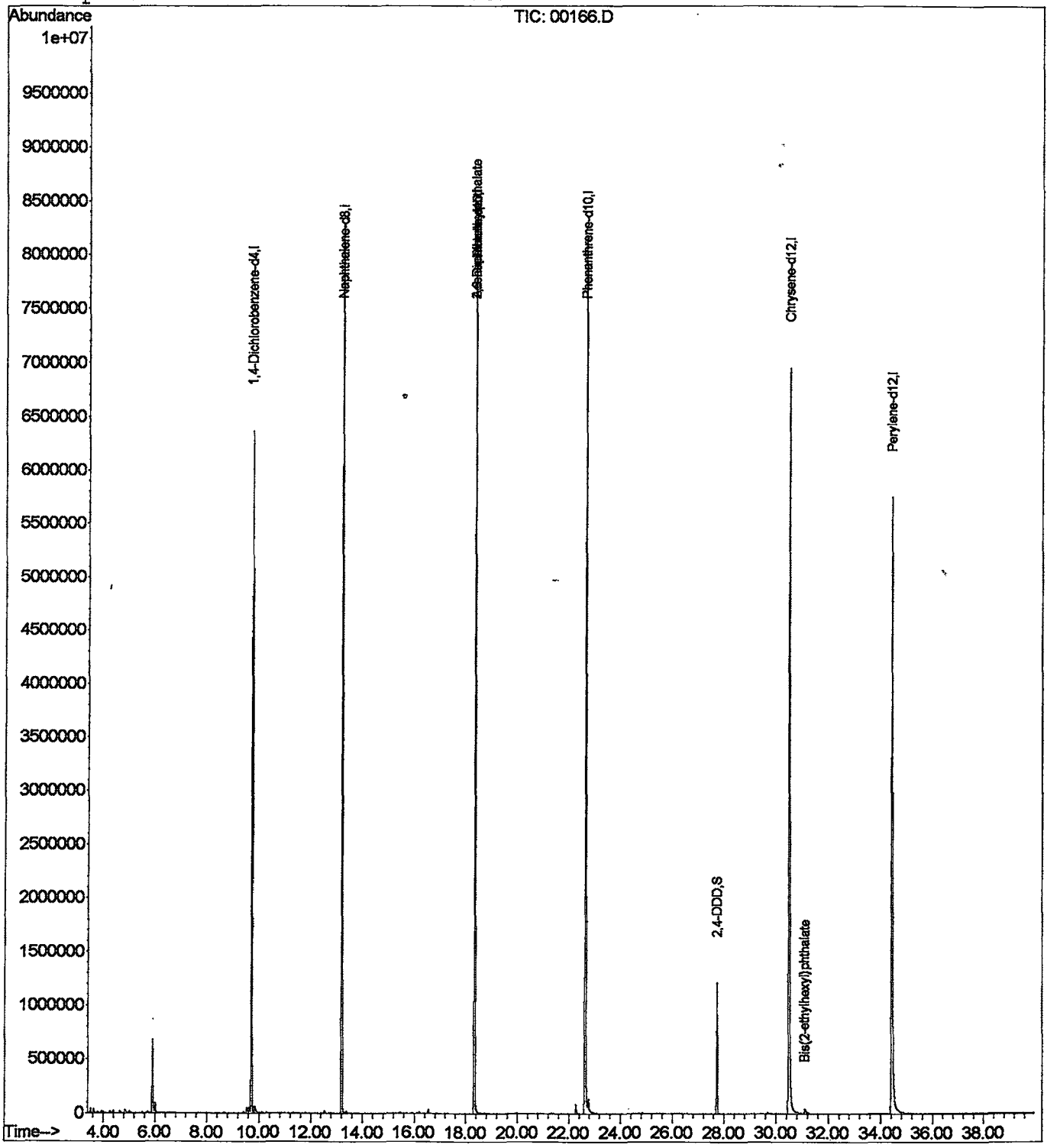
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.71	152	2173817	20.00	ug/L	0.00
10) Naphthalene-d8	13.20	136	9159995	20.00	ug/L	-0.01
17) Acenaphthene-d10	18.34	164	4737309	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	7546744	20.00	ug/L	-0.02
38) Chrysene-d12	30.51	240	6740086	20.00	ug/L	0.00
44) Perylene-d12	34.43	264	5063567	20.00	ug/L	0.01
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	441690	3.70	ug/L	0.00
Spiked Amount 5.000			Recovery = 74.00%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.35	163	755241	2.41	ug/L #	55
21) 2,6-Dinitrotoluene	18.34	165	600803	9.85	ug/L #	17
42) Bis(2-ethylhexyl)phthalate	31.11	149	63964	0.74	ug/L	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB04\00166.D Vial: 5
Acq On : 4 Feb 2002 6:27 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



Data File : C:\MSDCHEM\1\5973N\02FEB04\00166.D Vial: 5
Acq On : 4 Feb 2002 6:27 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

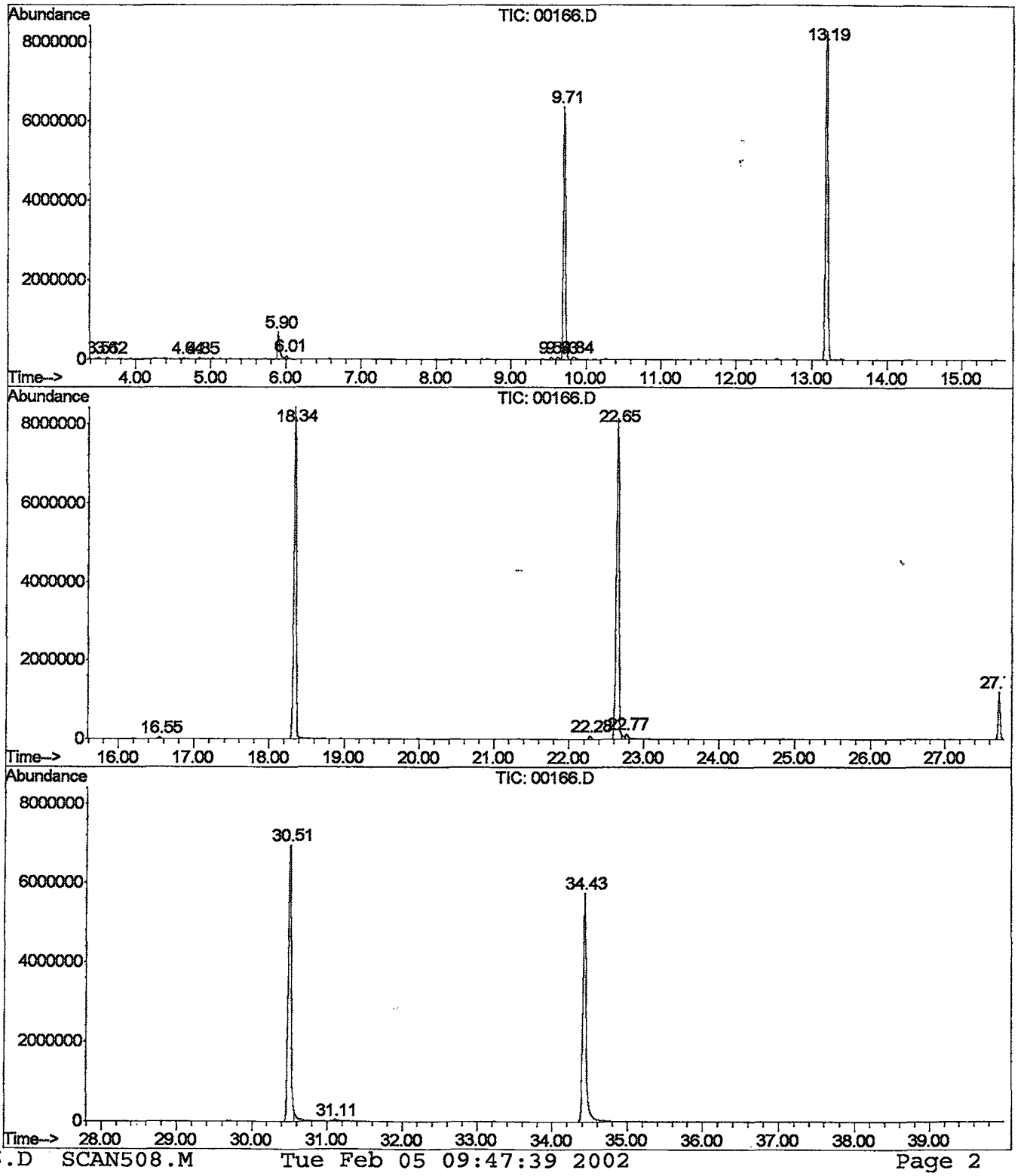
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.511	9	12	17	rVB	42462	69841	0.35%	0.063%
2	3.625	17	22	25	rBV	41226	62815	0.31%	0.057%
3	4.641	109	111	121	rVB3	22514	51974	0.26%	0.047%
4	4.846	125	129	137	rBV3	31627	76531	0.38%	0.069%
5	5.897	217	221	229	rBV	680013	1367065	6.81%	1.230%
6	6.011	229	231	235	rVB	88541	146256	0.73%	0.132%
7	9.539	535	540	545	rBV	51601	123827	0.62%	0.111%
8	9.630	545	548	551	rVV	51321	117335	0.58%	0.106%
9	9.710	551	555	561	rVV	6363085	12518049	62.37%	11.262%
10	9.836	561	566	579	rVB	58609	173487	0.86%	0.156%
11	13.192	855	860	865	rBV	8275977	17793985	88.65%	16.008%
12	16.549	1149	1154	1157	rVV	35031	64916	0.32%	0.058%
13	18.341	1305	1311	1317	rBV	8429999	19148745	95.40%	17.227%
14	22.280	1651	1656	1661	rBV2	90569	172939	0.86%	0.156%
15	22.645	1681	1688	1693	rBV2	8140766	20071604	100.00%	18.057%
16	22.771	1697	1699	1729	rVB	130932	428177	2.13%	0.385%
17	27.726	2127	2133	2139	rBV	1210514	2153744	10.73%	1.938%
18	30.512	2369	2377	2381	rBV	6948673	19264851	95.98%	17.331%
19	31.105	2423	2429	2441	rBV	41370	156133	0.78%	0.140%
20	34.428	2713	2720	2755	rBV	5746605	17194414	85.67%	15.469%

Sum of corrected areas: 111156688

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB04\00166.D
Operator :
Acquired : 4 Feb 2002 6:27 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : February 4, 2002
Vial Number: 5
Quant File :SCAN508.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\5973N\02FEB04\00166.D Vial: 5
Acq On : 4 Feb 2002 6:27 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

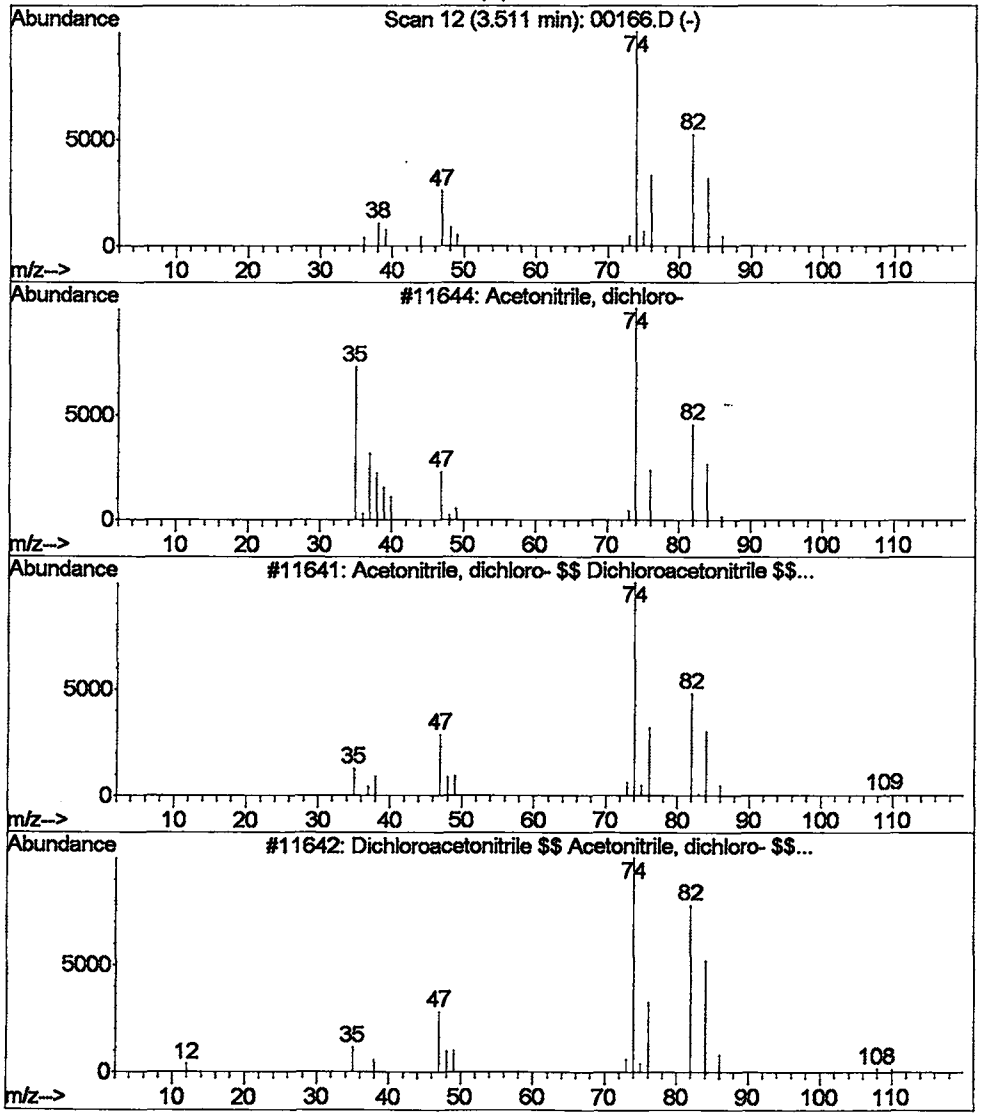
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

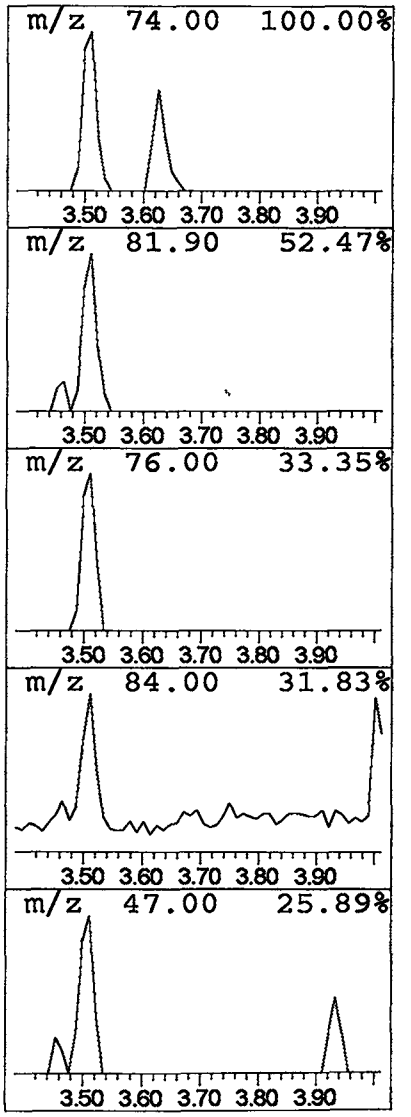
****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.51	0.11 ug/L	69841	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	78
2	Acetonitrile, dichloro- $$ Dichl...	109	C2HCl2N	003018-12-0	64
3	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	50
4	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	36





Data File : C:\MSDCHEM\1\5973N\02FEB04\00166.D Vial: 5
Acq On : 4 Feb 2002 6:27 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

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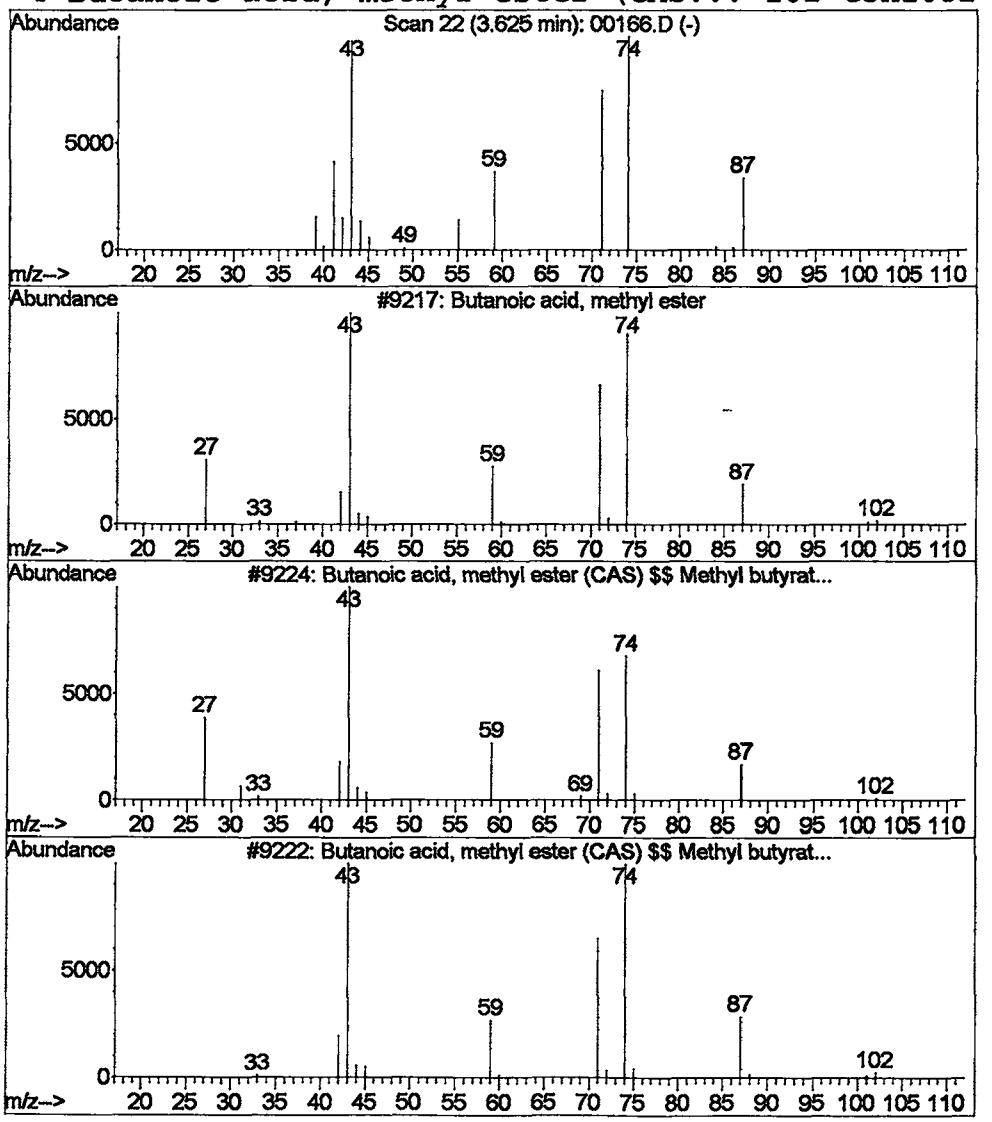
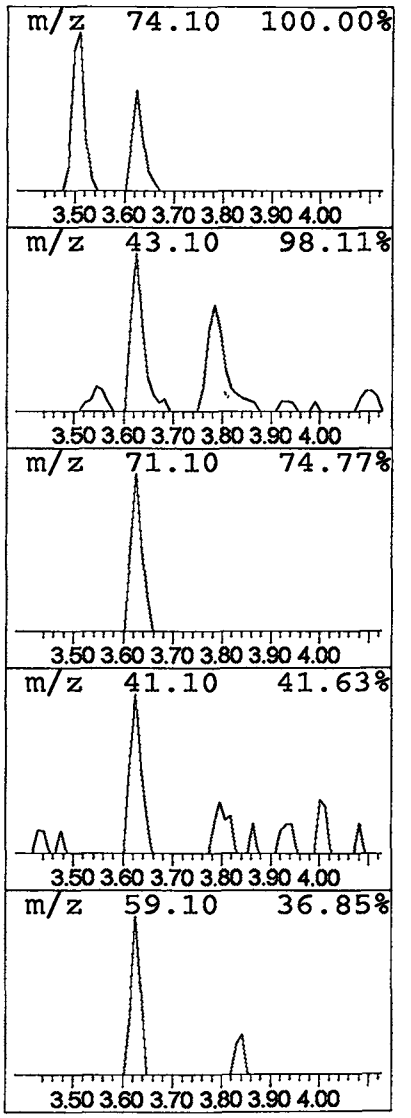
Peak Number 2 Butanoic acid, methyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	0.10 ug/L	62815	1,4-Dichlorobenzene-d4	9.71

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





Data File : C:\MSDCHEM\1\5973N\02FEB04\00166.D Vial: 5
Acq On : 4 Feb 2002 6:27 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

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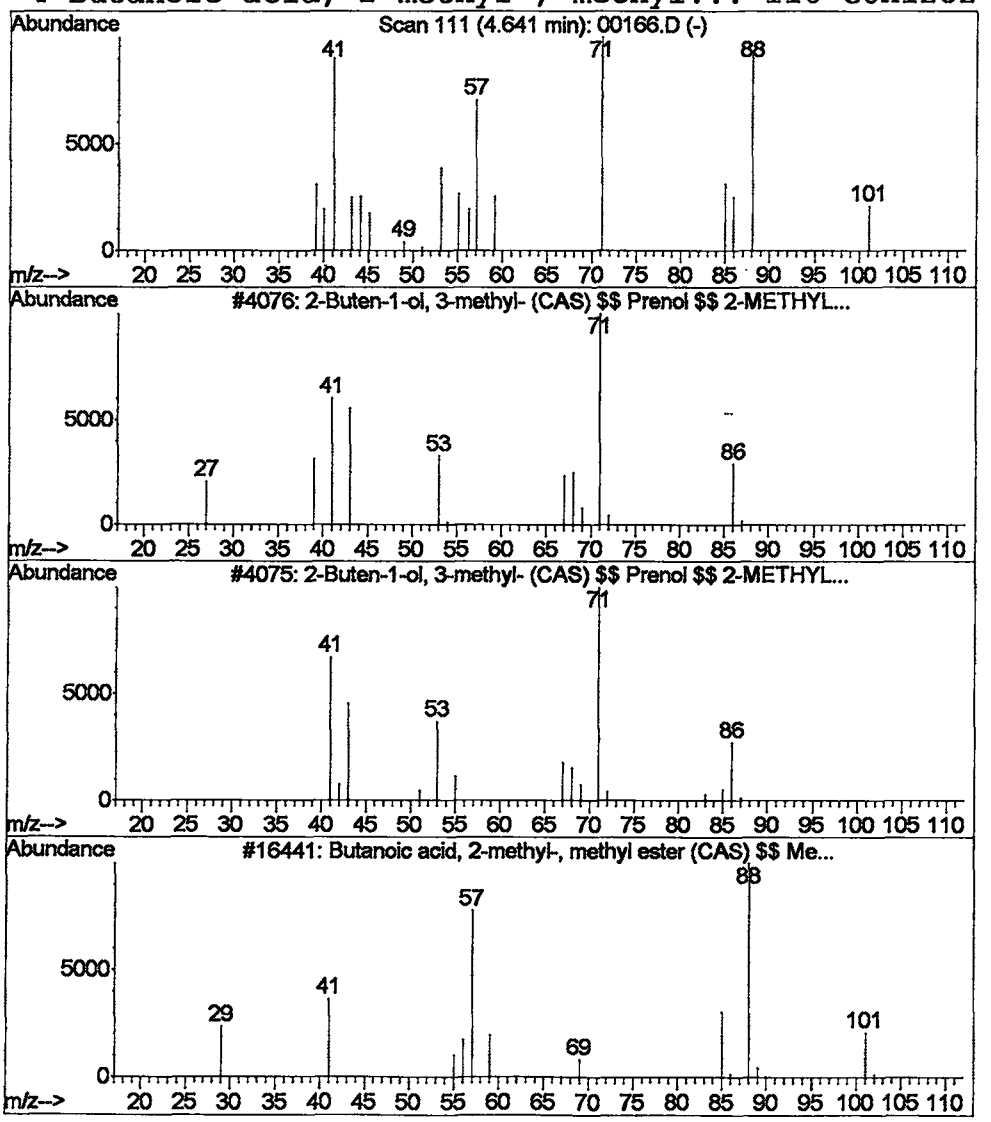
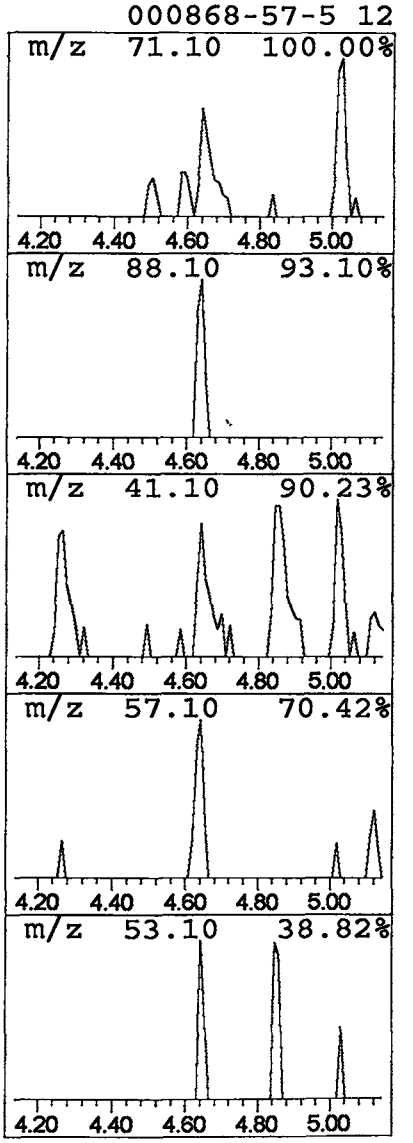
Peak Number 3 2-Buten-1-ol, 3-methyl- (CA... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	0.08 ug/L	51974	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Buten-1-ol, 3-methyl- (CAS) $$...	86	C5H10O	000556-82-1	43
2	2-Buten-1-ol, 3-methyl- (CAS) $$...	86	C5H10O	000556-82-1	28
3	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	22
4	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	12





Data File : C:\MSDCHEM\1\5973N\02FEB04\00166.D Vial: 5
Acq On : 4 Feb 2002 6:27 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

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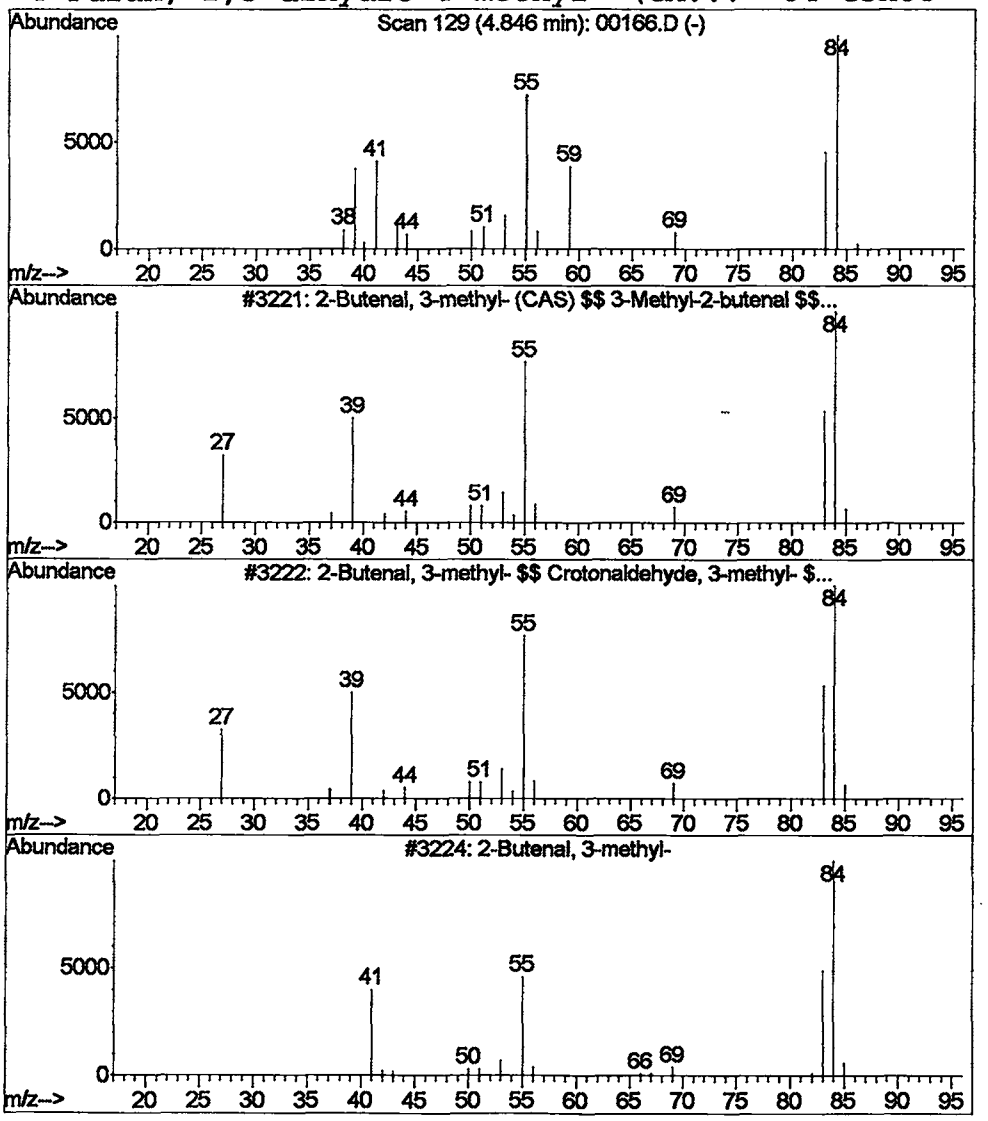
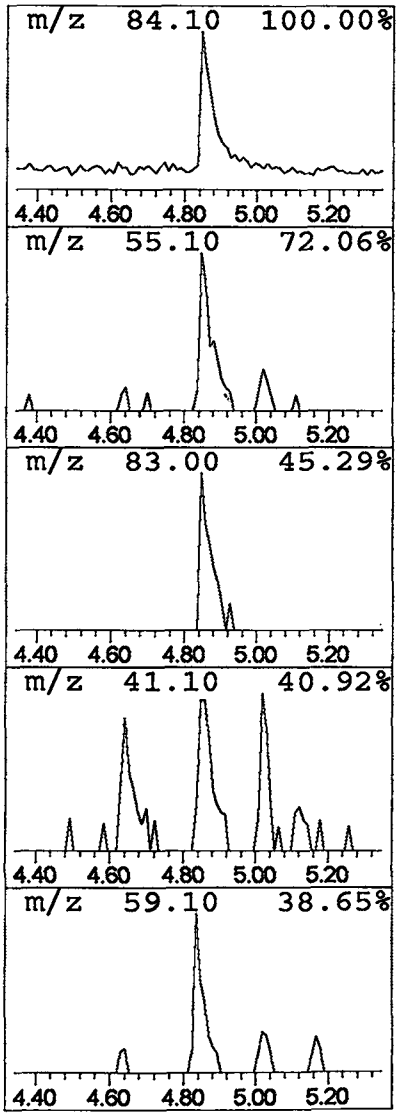
Peak Number 4 2-Butenal, 3-methyl- (CAS) ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	0.12 ug/L	76531	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl- (CAS) $$ 3-...	84	C5H8O	000107-86-8	76
2	2-Butenal, 3-methyl- $$ Crotonal...	84	C5H8O	000107-86-8	76
3	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	64
4	Furan, 2,3-dihydro-4-methyl- (CA...	84	C5H8O	034314-83-5	53





Data File : C:\MSDCHEM\1\5973N\02FEB04\00166.D Vial: 5
Acq On : 4 Feb 2002 6:27 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

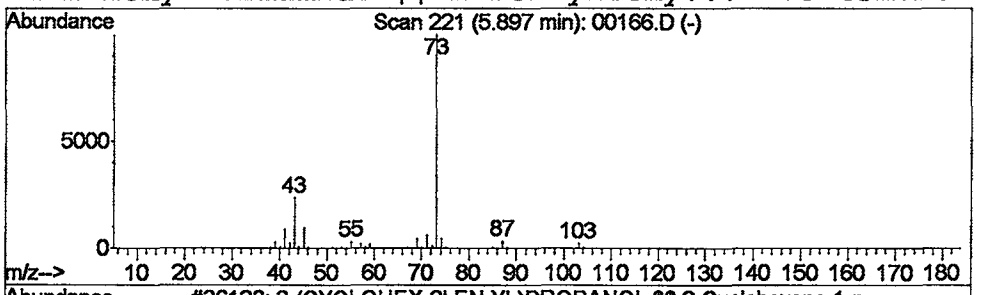
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

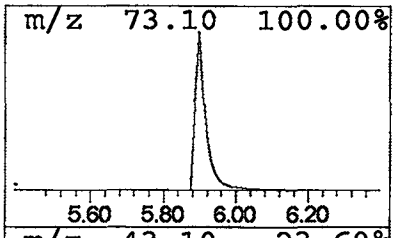
****

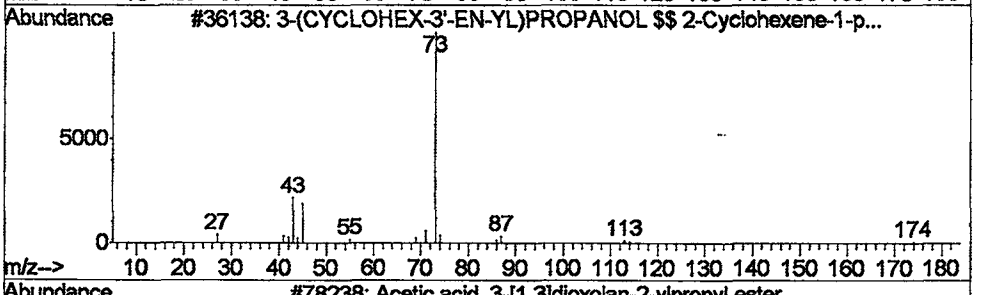
Peak Number 5 3-(CYCLOHEX-3'-EN-YL)PROPAN... Concentration Rank 1

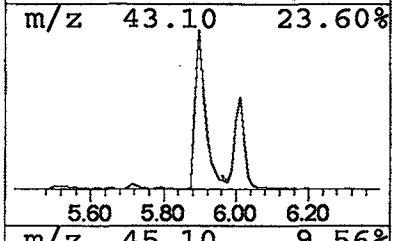
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	2.18 ug/L	1367070	1,4-Dichlorobenzene-d4	9.71

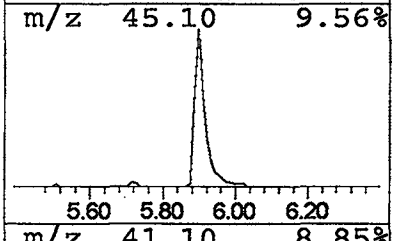
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	33
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	33
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9

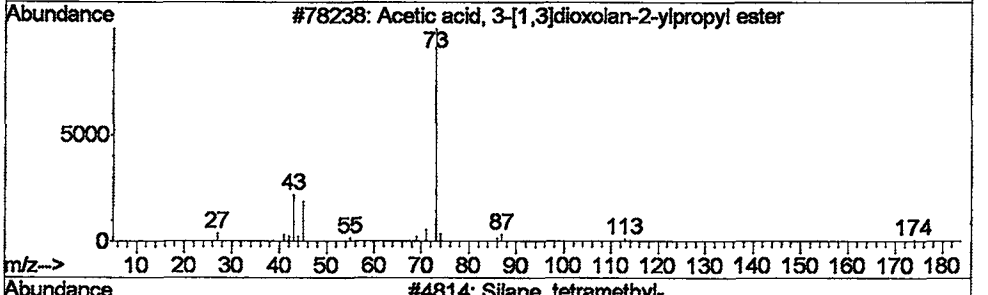


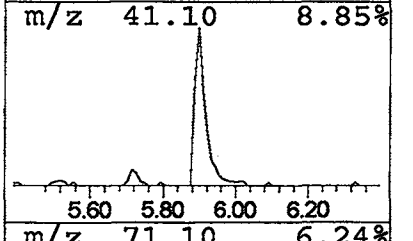


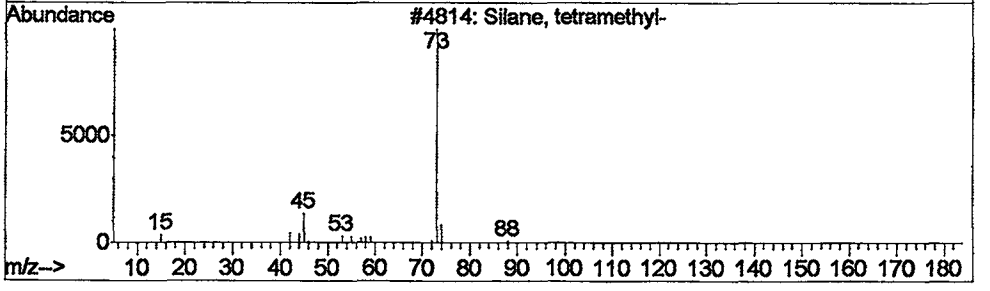


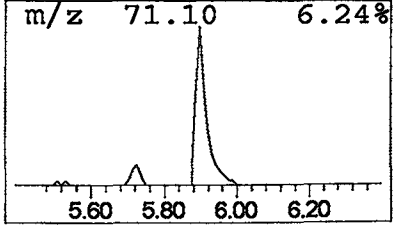












Data File : C:\MSDCHEM\1\5973N\02FEB04\00166.D Vial: 5
Acq On : 4 Feb 2002 6:27 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

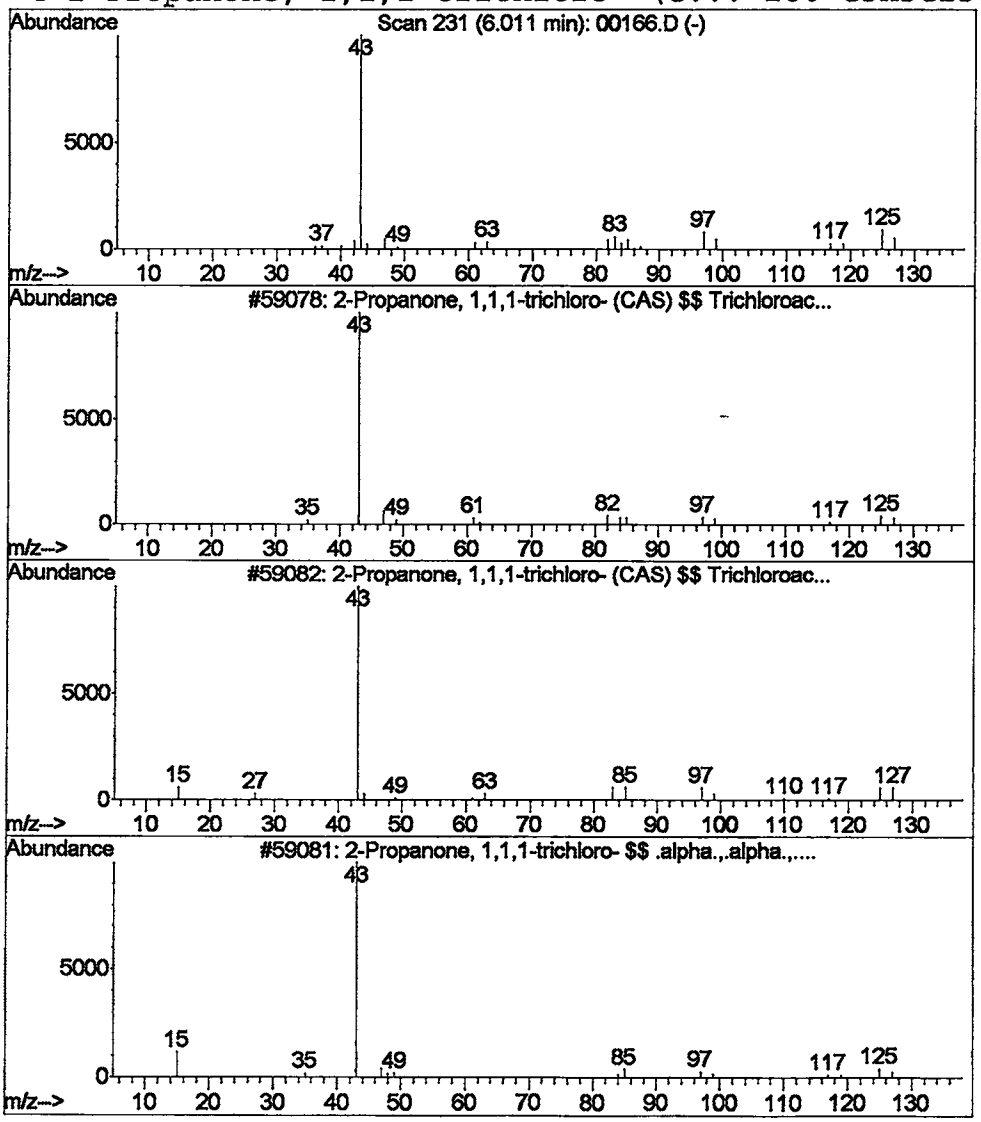
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

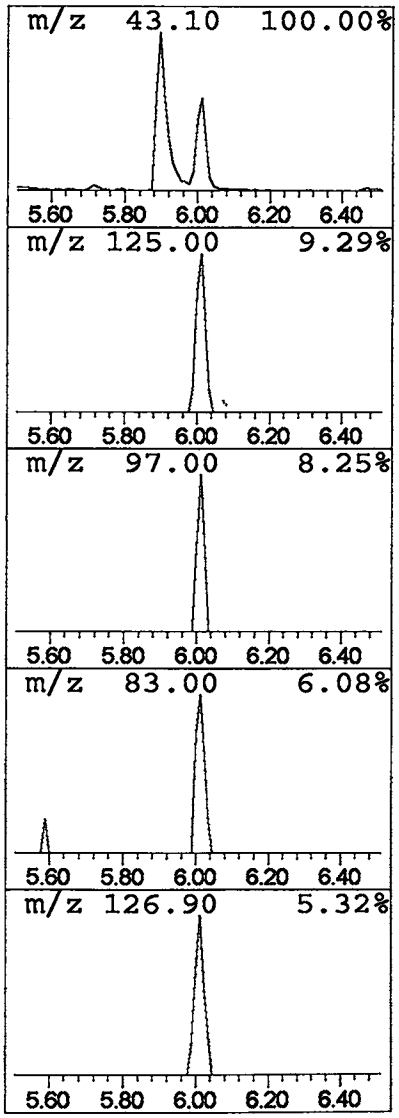
****

Peak Number 6 2-Propanone, 1,1,1-trichlor... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.01	0.23 ug/L	146256	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	64
2	2-Propanone, 1,1,1-trichloro- (C...	160	C3H3Cl3O	000918-00-3	59
3	2-Propanone, 1,1,1-trichloro- $$...	160	C3H3Cl3O	000918-00-3	56
4	2-Propanone, 1,1,1-trichloro- (C...	160	C3H3Cl3O	000918-00-3	56





Data File : C:\MSDCHEM\1\5973N\02FEB04\00166.D Vial: 5
Acq On : 4 Feb 2002 6:27 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

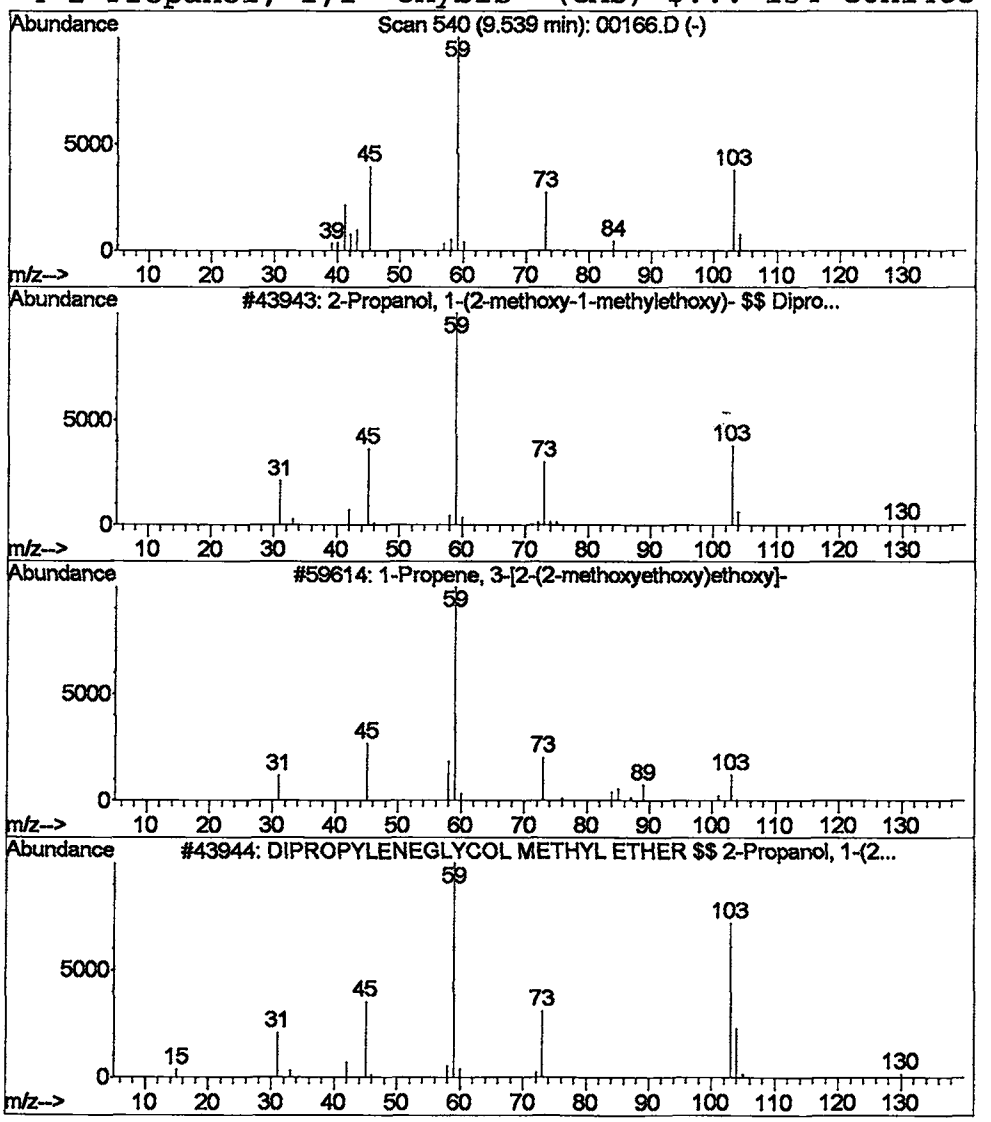
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

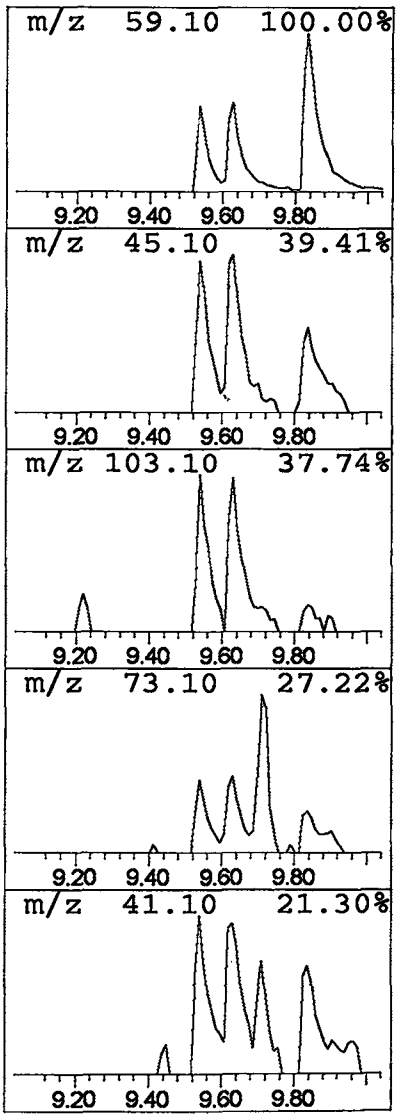
****

Peak Number 7 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	0.20 ug/L	123827	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	83
2	1-Propene, 3-[2-(2-methoxyethoxy...	160	C8H16O3	013752-97-1	64
3	DIPROPYLENEGLYCOL METHYL ETHER $...	148	C7H16O3	020324-32-7	56
4	2-Propanol, 1,1'-oxybis- (CAS) $...	134	C6H14O3	000110-98-5	50





Data File : C:\MSDCHEM\1\5973N\02FEB04\00166.D Vial: 5
Acq On : 4 Feb 2002 6:27 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

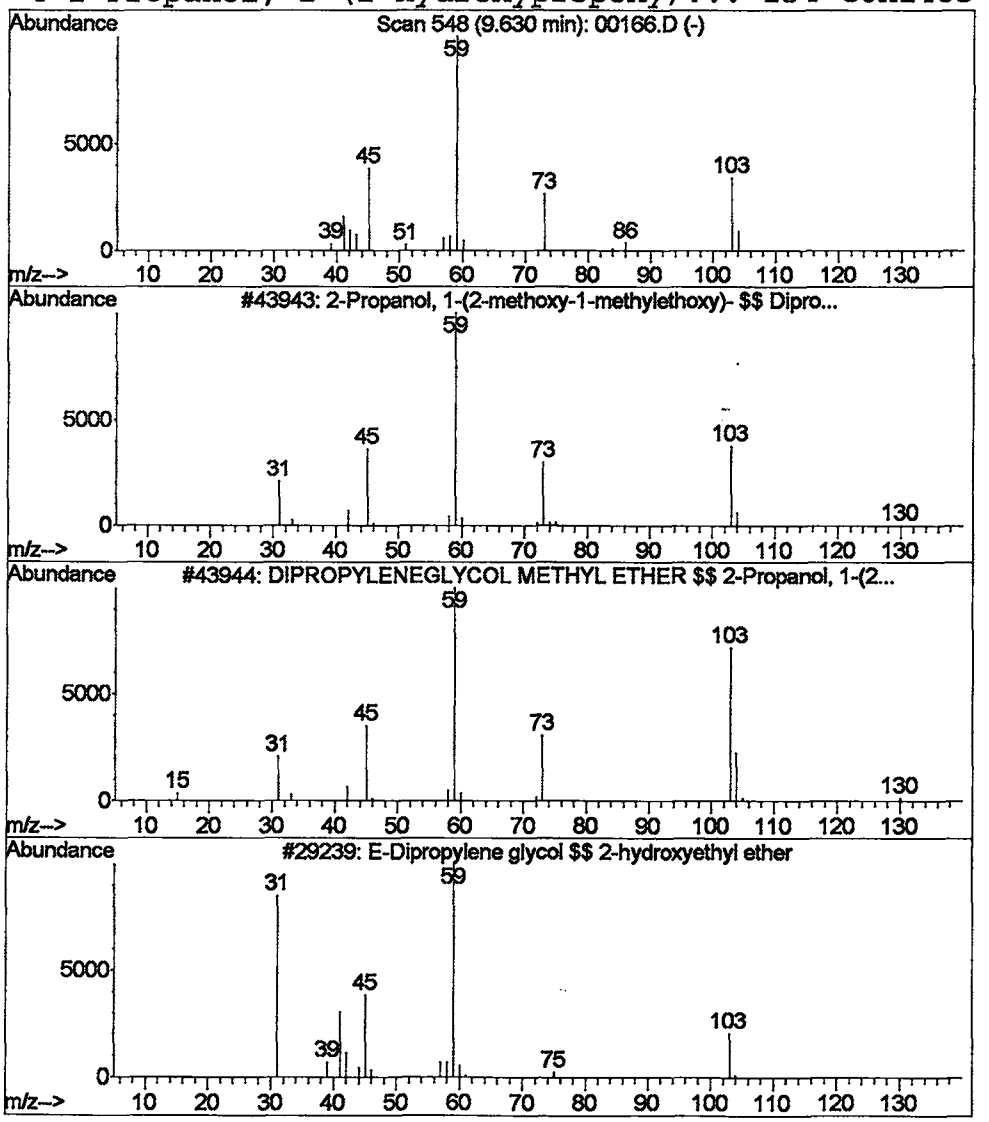
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

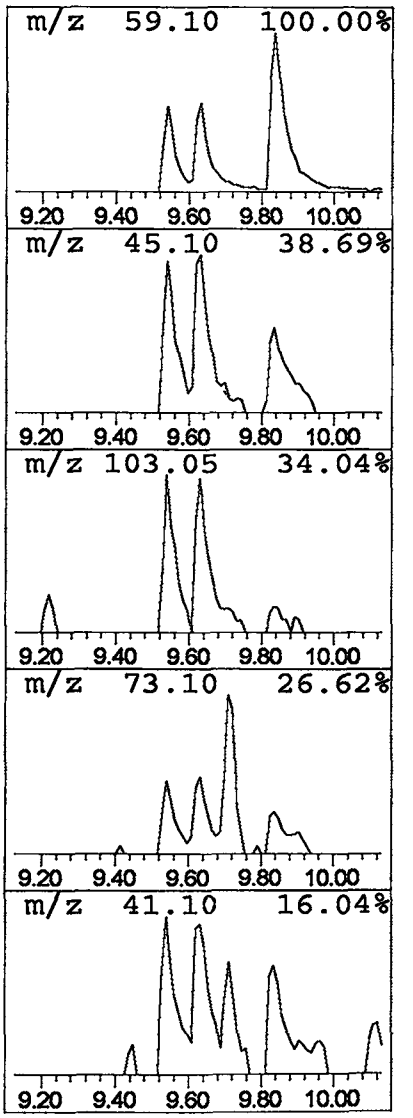
****

Peak Number 8 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	0.19 ug/L	117335	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	83
2	DIPROPYLENEGLYCOL METHYL ETHER $...	148	C7H16O3	020324-32-7	56
3	E-Dipropylene glycol $$ 2-hydrox...	134	C6H14O3	000000-00-0	50
4	1-Propanol, 2-(2-hydroxypropoxy)...	134	C6H14O3	000106-62-7	50





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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

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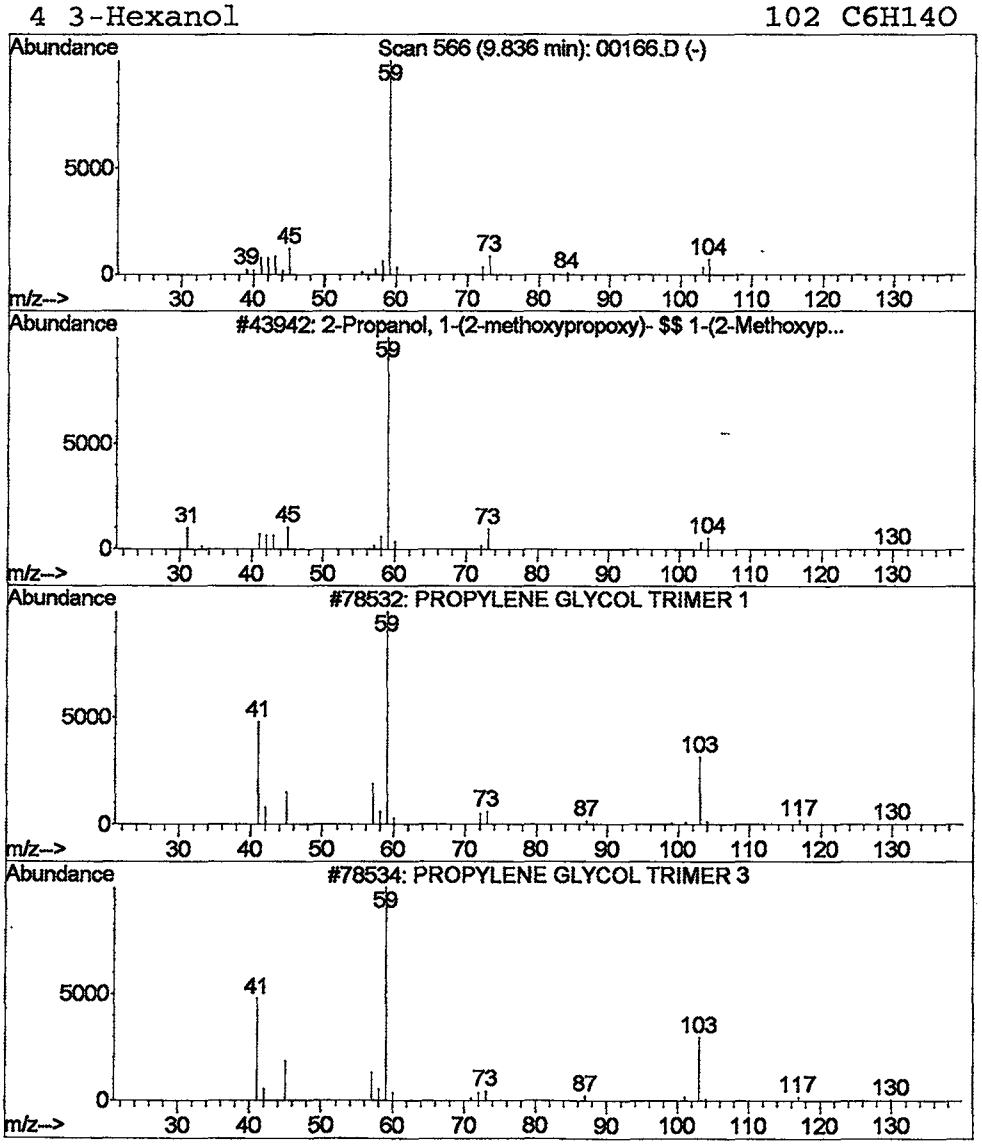
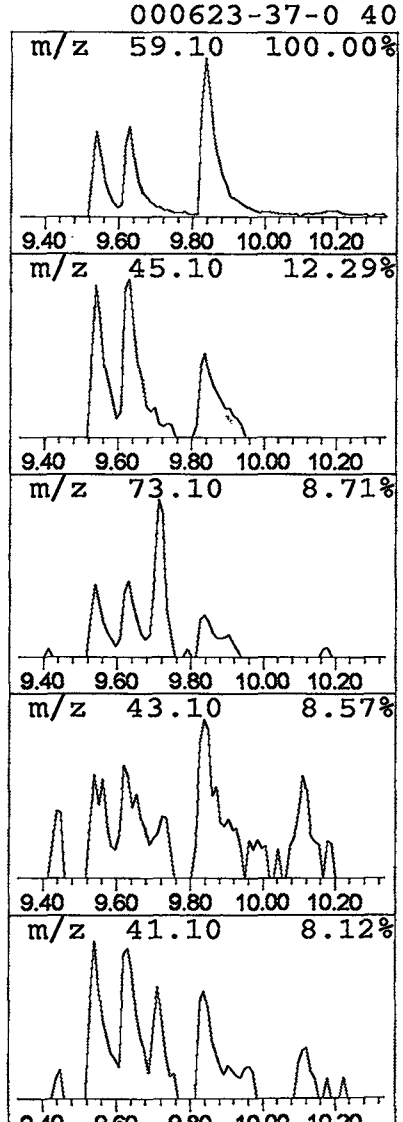
Peak Number 9 2-Propanol, 1-(2-methoxypro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	0.28 ug/L	173487	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 1	174	C9H18O3	000000-00-0	64
3	PROPYLENE GLYCOL TRIMER 3	174	C9H18O3	000000-00-0	64
4	3-Hexanol	102	C6H14O	000623-37-0	40





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MS Integration Params: LSCINT.P

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

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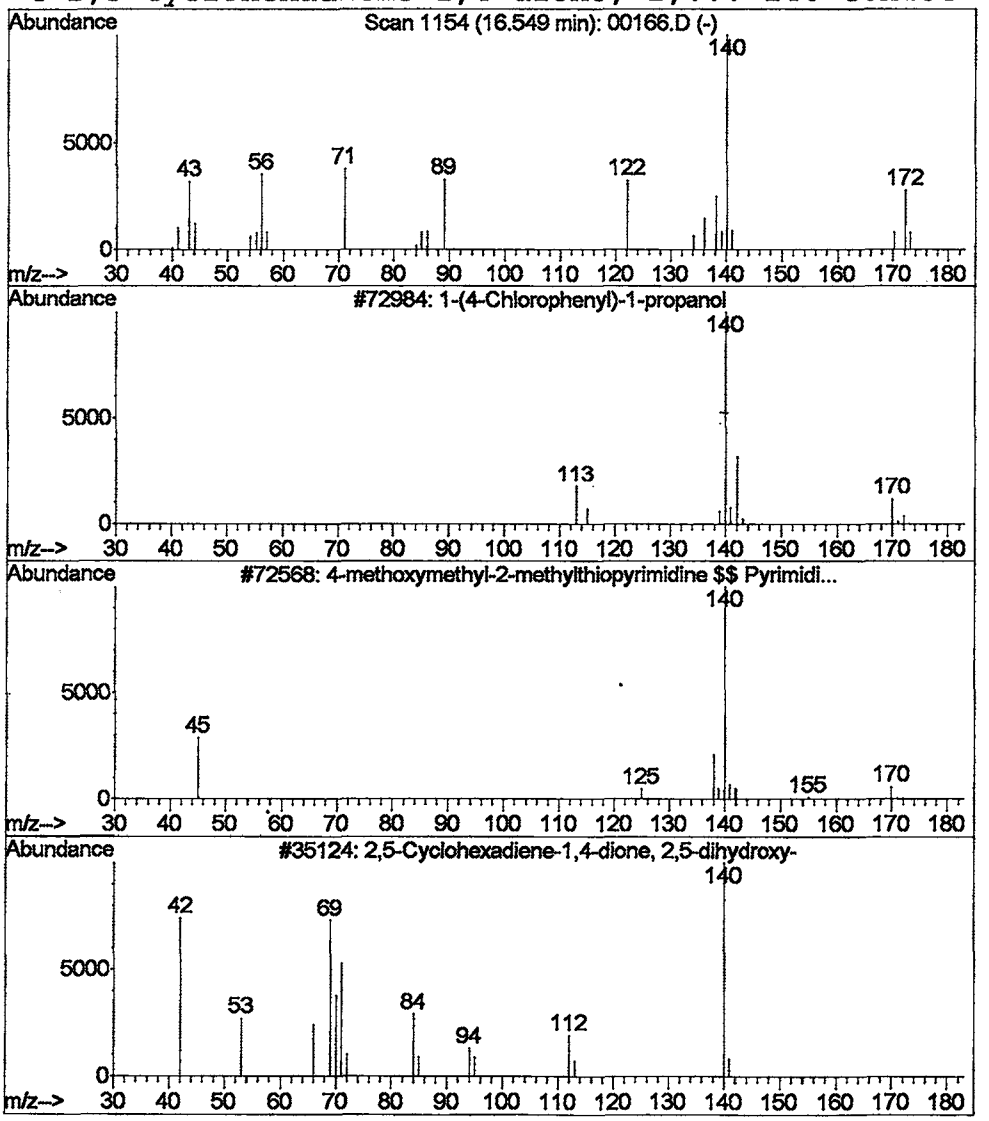
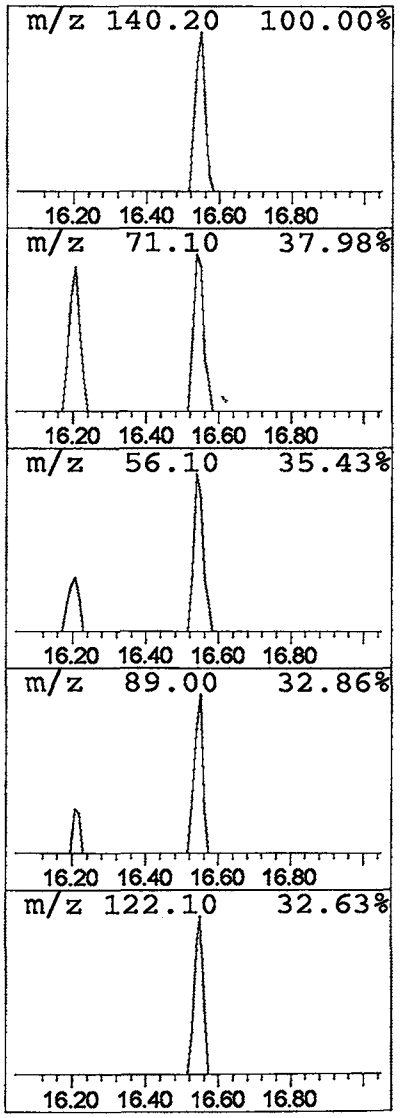
Peak Number 10 1-(4-Chlorophenyl)-1-propanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	0.07 ug/L	64916	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Chlorophenyl)-1-propanol	170	C9H11ClO	000000-00-0	38
2	4-methoxymethyl-2-methylthiopyri...	170	C7H10N2OS	123061-70-1	38
3	2,5-Cyclohexadiene-1,4-dione, 2,...	140	C6H4O4	000615-94-1	25
4	2,5-Cyclohexadiene-1,4-dione, 2,...	140	C6H4O4	035069-70-6	25





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MS Integration Params: LSCINT.P

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

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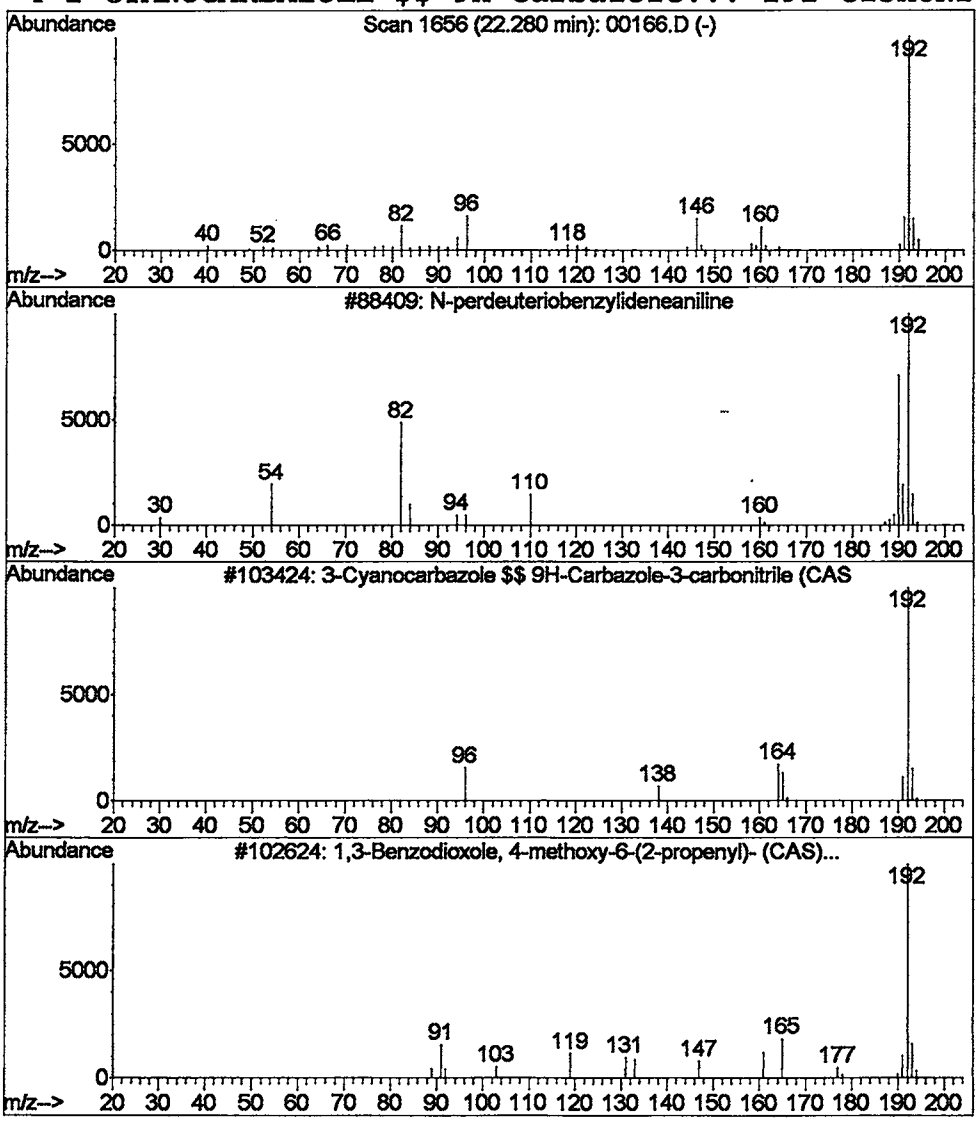
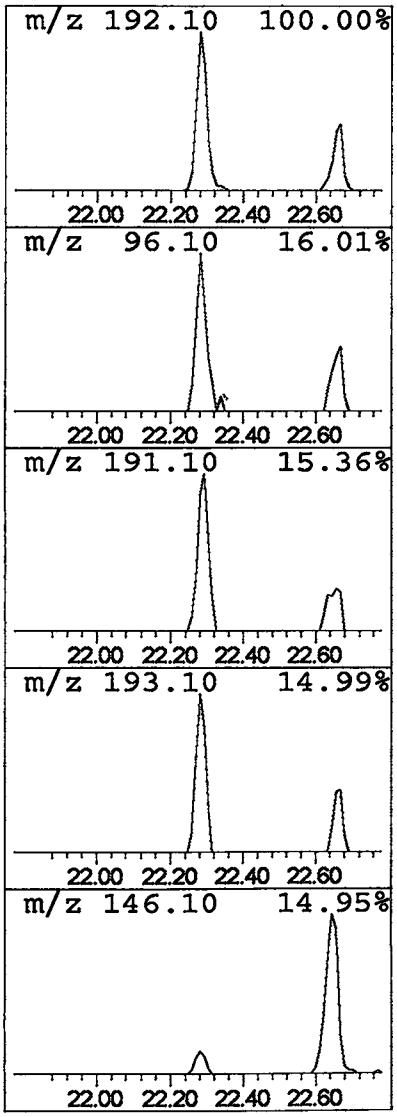
Peak Number 11 N-perdeuteriobenzylideneani... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.17 ug/L	172939	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	64
2	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	64
3	1,3-Benzodioxole, 4-methoxy-6-(2...	192	C11H12O3	000607-91-0	53
4	2-CYANOCARBAZOLE $$ 9H-Carbazole...	192	C13H8N2	057955-18-7	50





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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

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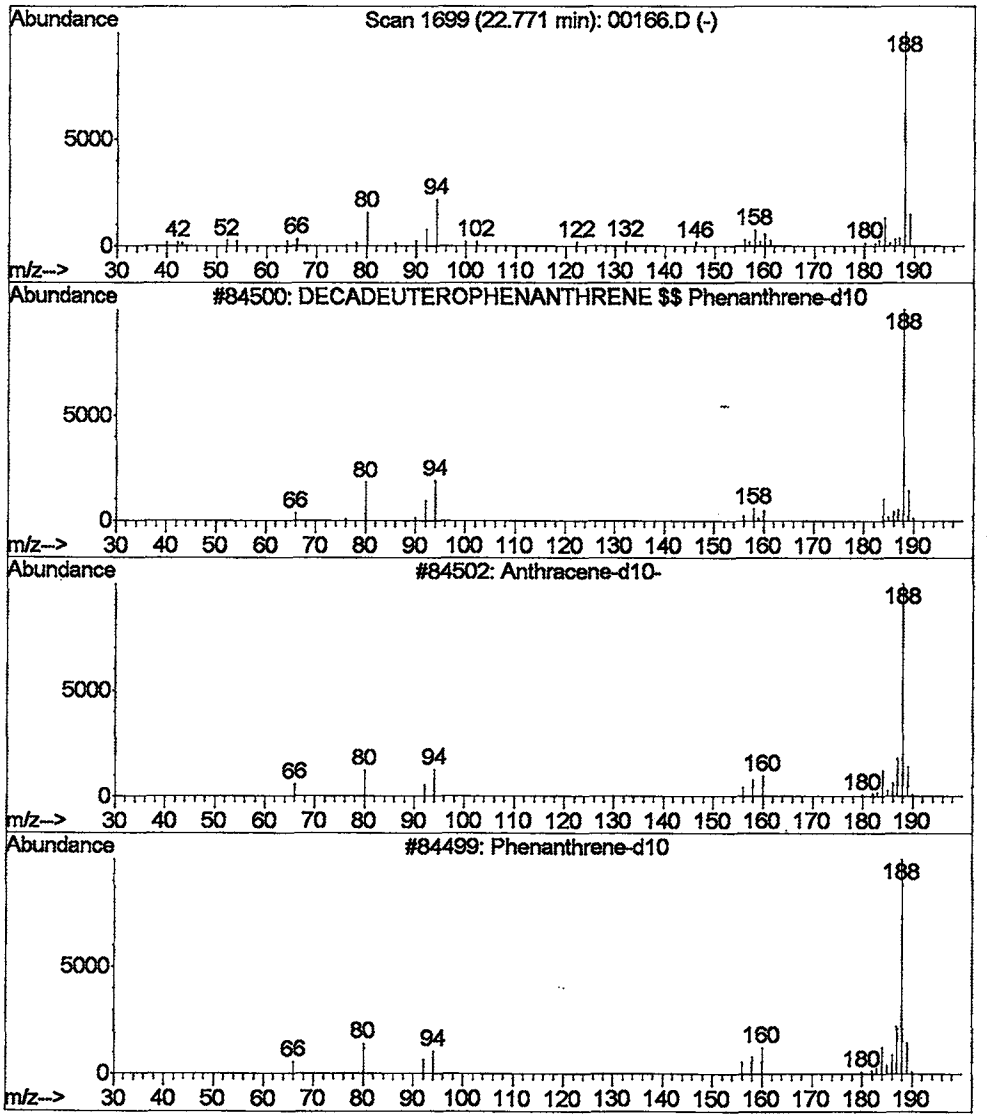
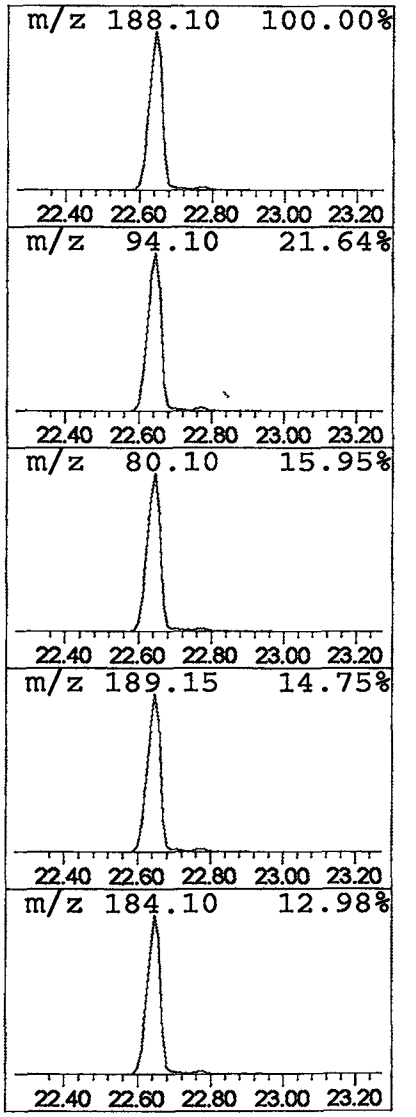
Peak Number 12 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.43 ug/L	428177	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	91
2	Anthracene-d10-	188	C14D10	001719-06-8	87
3	Phenanthrene-d10	188	C14D10	001517-22-2	64
4	Acridine-D9	188	C13D9N	000000-00-0	64





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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...	3.51	0.1	ug/L	69841	1	9.71	12518000	20.0
Butanoic acid, me...	3.62	0.1	ug/L	62815	1	9.71	12518000	20.0
2-Buten-1-ol, 3-m...	4.64	0.1	ug/L	51974	1	9.71	12518000	20.0
2-Butenal, 3-meth...	4.85	0.1	ug/L	76531	1	9.71	12518000	20.0
3-(CYCLOHEX-3'-EN...	5.90	2.2	ug/L	1367070	1	9.71	12518000	20.0
2-Propanone, 1,1,...	6.01	0.2	ug/L	146256	1	9.71	12518000	20.0
2-Propanol, 1-(2-...	9.54	0.2	ug/L	123827	1	9.71	12518000	20.0
2-Propanol, 1-(2-...	9.63	0.2	ug/L	117335	1	9.71	12518000	20.0
2-Propanol, 1-(2-...	9.84	0.3	ug/L	173487	1	9.71	12518000	20.0
1-(4-Chlorophenyl...	16.55	0.1	ug/L	64916	3	18.34	19148700	20.0
N-perdeuteriobenz...	22.28	0.2	ug/L	172939	4	22.65	20071600	20.0
DECADEUTEROPHENAN...	22.77	0.4	ug/L	428177	4	22.65	20071600	20.0