User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/01/2002 Time: 14:16:20

Sample: AE00555
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/1/02 14:15 Ended: 2/1/02 14:15 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		91		5.0

Comments for Sample AE00555 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-01-2002 Time: 15:07:30

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 5 of the 43 compounds in the LCS Standard were outside of their acceptance ranges.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN29\00555.D Vial: 1
Acq On : 29 Jan 2002 2:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 29, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 30 08:25:51 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

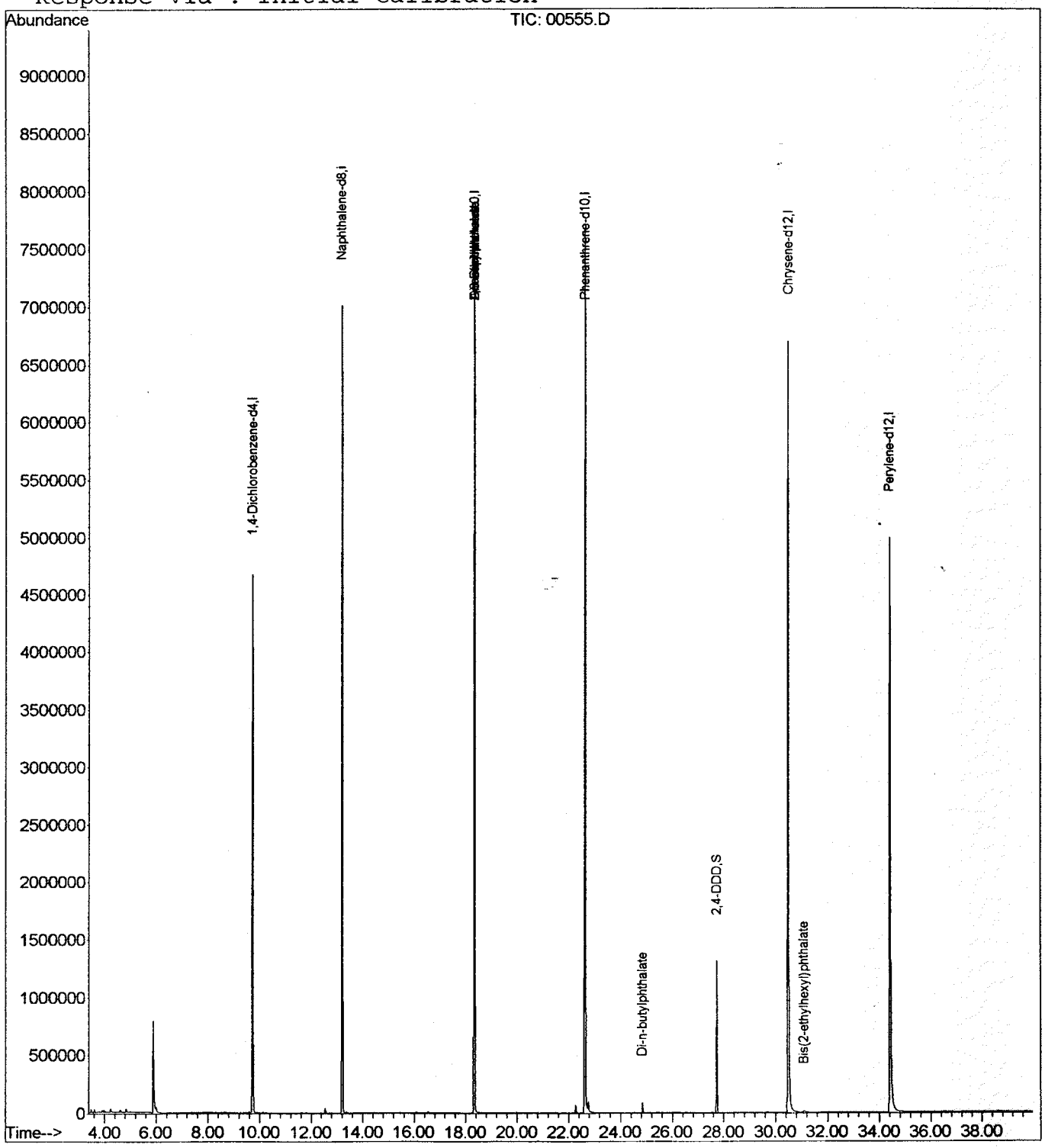
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1702758	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	7278252	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	3872059	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	6522310	20.00	ug/L	-0.02
38) Chrysene-d12	30.50	240	5687172	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	4045933	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	469439	4.55	ug/L	0.00
Spiked Amount 5.000			Recovery =	91.00%		
Target Compounds						Qvalue
20) Dimethylphthalate	18.34	163	614760	2.40	ug/L #	57
21) 2,6-Dinitrotoluene	18.34	165	497944	9.98	ug/L #	17
35) Di-n-butylphthalate	24.85	149	107407	0.26	ug/L	98
42) Bis(2-ethylhexyl)phthalate	31.11	149	27451	0.65	ug/L	91

(#) = qualifier out of range (m) = manual integration
00555.D SCAN508.M Wed Jan 30 08:25:52 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN29\00555.D Vial: 1
Acq On : 29 Jan 2002 2:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 29, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 30 8:25 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\02JAN29\00555.D Vial: 1
Acq On : 29 Jan 2002 2:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 29, 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

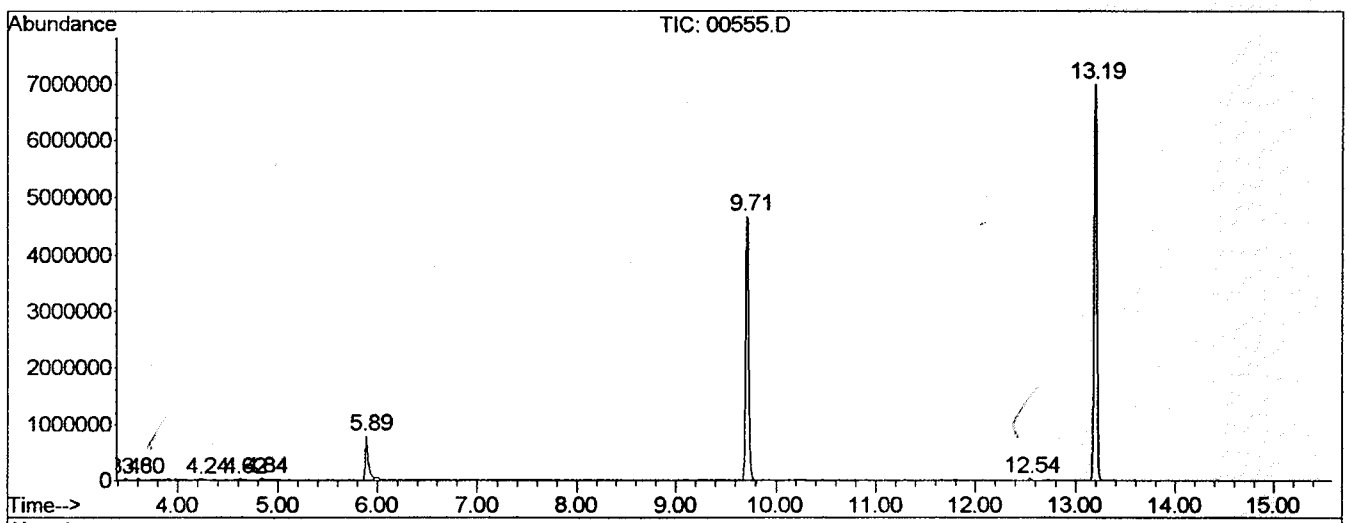
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.477	7	9	13	rVB	33347	49263	0.28%	0.054%
2	3.602	17	20	25	rBV	34417	56597	0.33%	0.062%
3	4.241	71	76	83	rVB4	28274	78913	0.45%	0.086%
4	4.618	107	109	113	rBV3	18350	31041	0.18%	0.034%
5	4.835	123	128	135	rBV4	33969	77289	0.44%	0.084%
6	5.885	217	220	227	rBV	792263	1567690	9.02%	1.713%
7	9.710	551	555	561	rBV	4668668	9659529	55.60%	10.554%
8	12.542	799	803	813	rVB	41592	73429	0.42%	0.080%
9	13.192	855	860	865	rBV	7008723	13995923	80.56%	15.291%
10	18.341	1305	1311	1317	rBV	7833097	15764824	90.74%	17.224%
11	19.985	1449	1455	1461	rVB4	8309	30382	0.17%	0.033%
12	22.280	1651	1656	1661	rVV2	70924	139053	0.80%	0.152%
13	22.645	1681	1688	1693	rBV2	7678213	17372684	100.00%	18.981%
14	22.771	1697	1699	1711	rVB	96219	243153	1.40%	0.266%
15	24.849	1877	1881	1887	rBV	90452	161266	0.93%	0.176%
16	27.726	2129	2133	2139	rBV	1313701	2276265	13.10%	2.487%
17	29.678	2301	2304	2311	rVV3	9953	32331	0.19%	0.035%
18	30.500	2369	2376	2381	rBV	6698640	16170450	93.08%	17.667%
19	31.105	2425	2429	2439	rVB3	17257	68112	0.39%	0.074%
20	34.416	2713	2719	2749	rBV	4988147	13680228	78.75%	14.946%

Sum of corrected areas: 91528422

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN29\00555.D
Operator :
Acquired : 29 Jan 2002 2:32 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : January 29, 2002
Vial Number: 1
Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN29\00555.D Vial: 1
Acq On : 29 Jan 2002 2:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 29, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

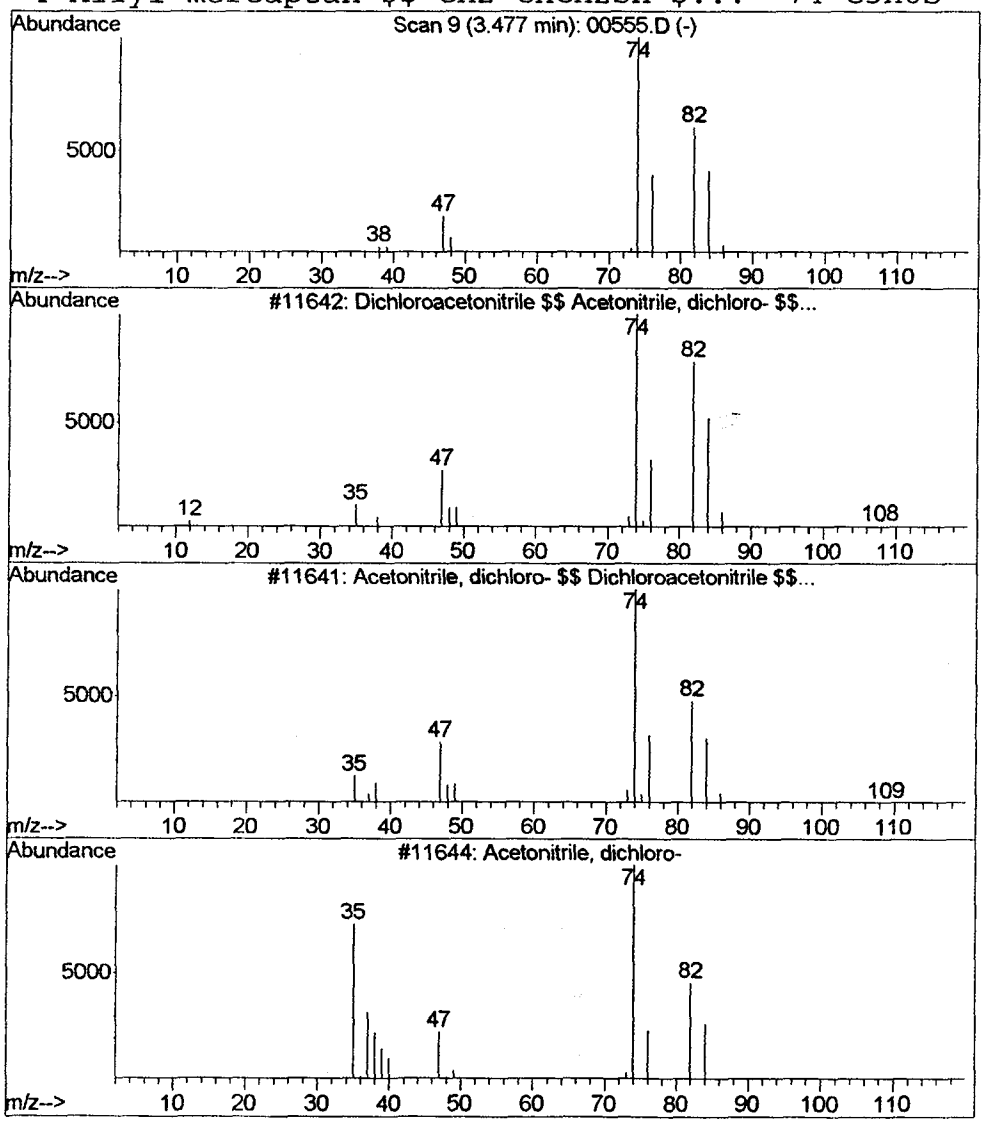
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

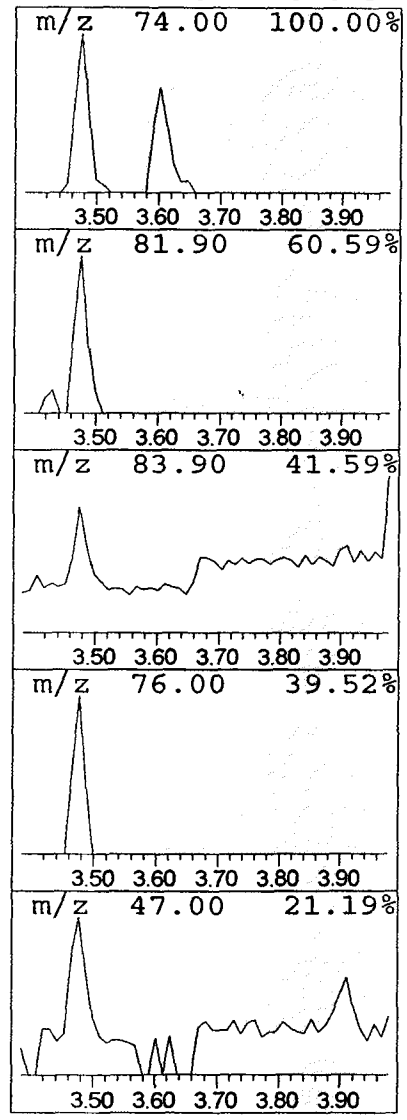
****

Peak Number 1 Dichloroacetonitrile $$ Ace... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.48	0.10 ug/L	49263	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	78
2	Acetonitrile, dichloro- $$ Dichl...	109	C2HCl2N	003018-12-0	74
3	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	39
4	Allyl mercaptan $$ CH2=CHCH2SH $...	74	C3H6S	000870-23-5	9





Library Search Compound Report

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Acq On : 29 Jan 2002 2:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 29, 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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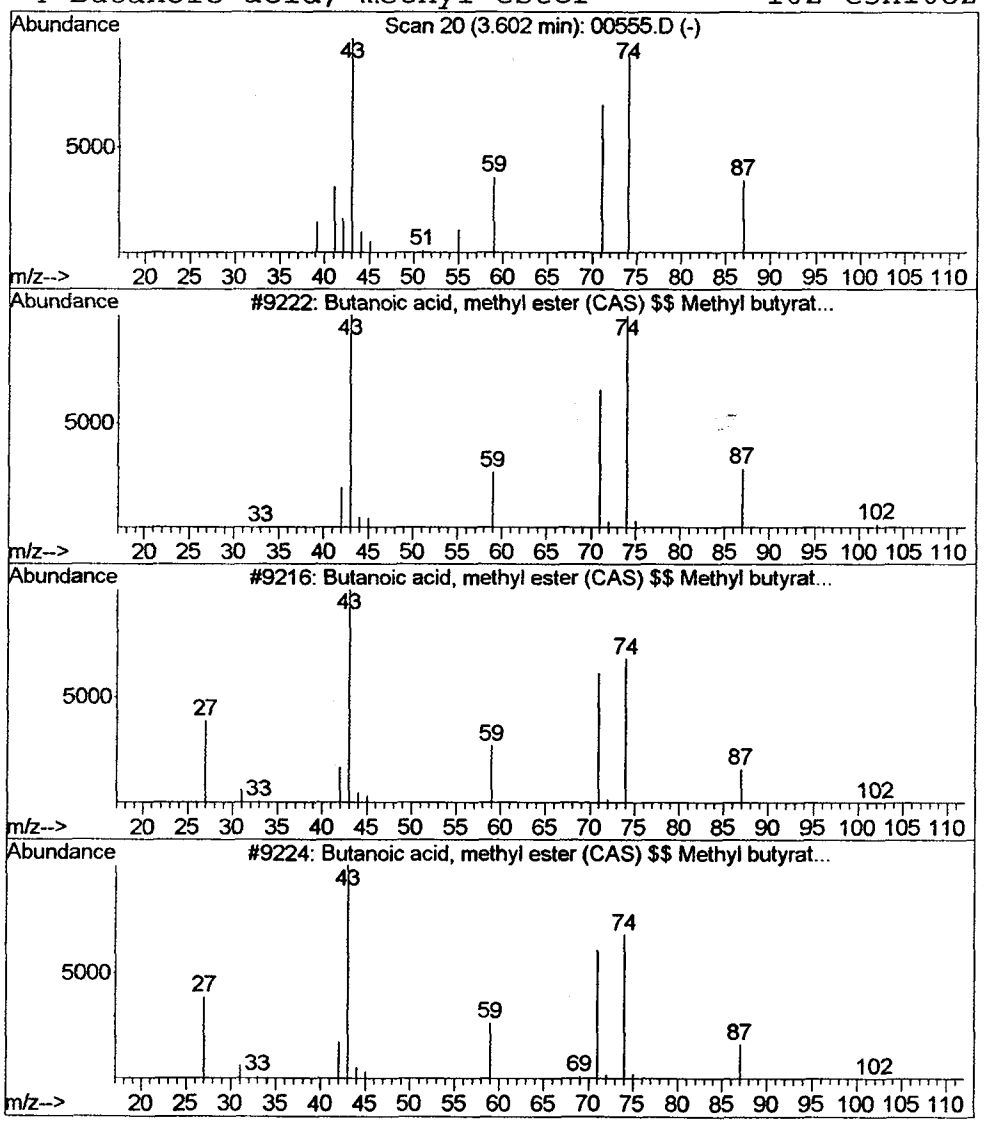
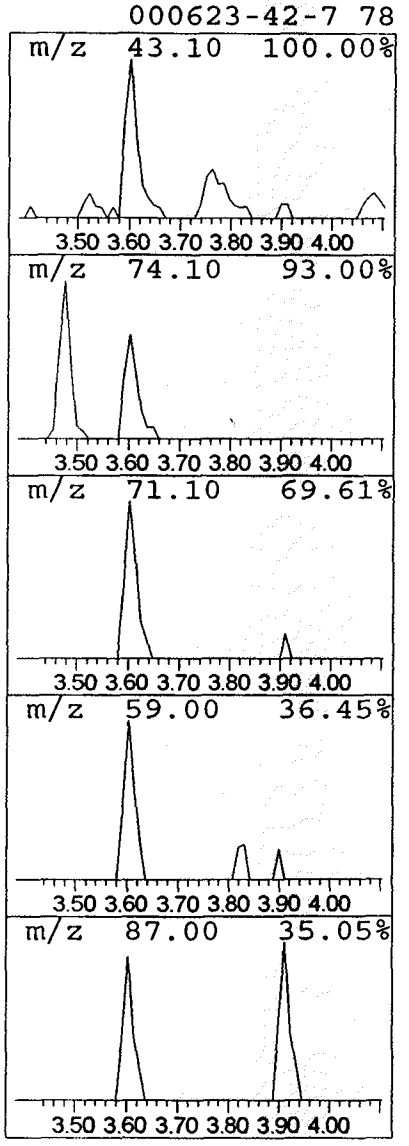
Peak Number 2 Butanoic acid, methyl ester... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	0.12 ug/L	56597	1,4-Dichlorobenzene-d4	9.72

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	78
3	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	78
4	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	78

En blanc





Data File : C:\MSDCHEM\1\5973N\02JAN29\00555.D Vial: 1
Acq On : 29 Jan 2002 2:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 29, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

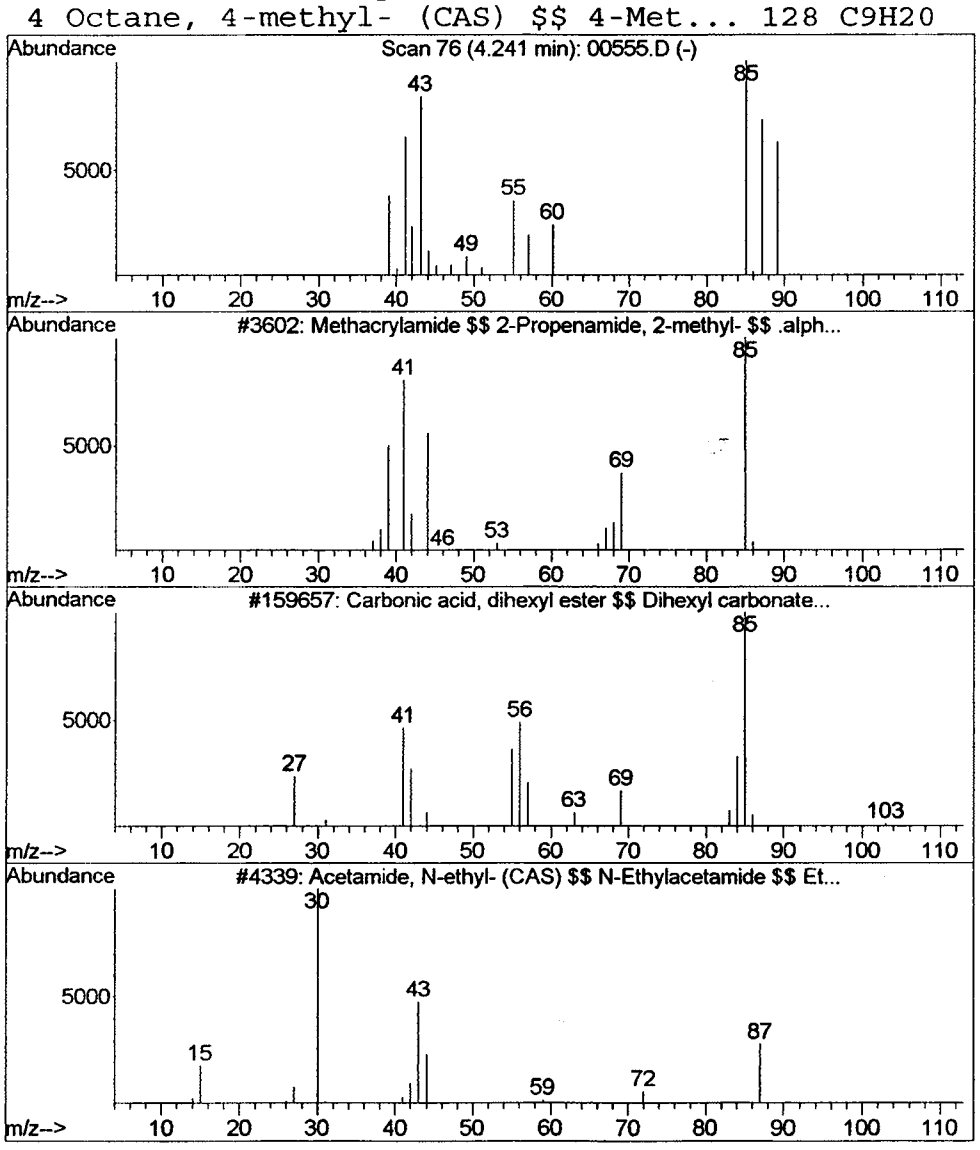
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

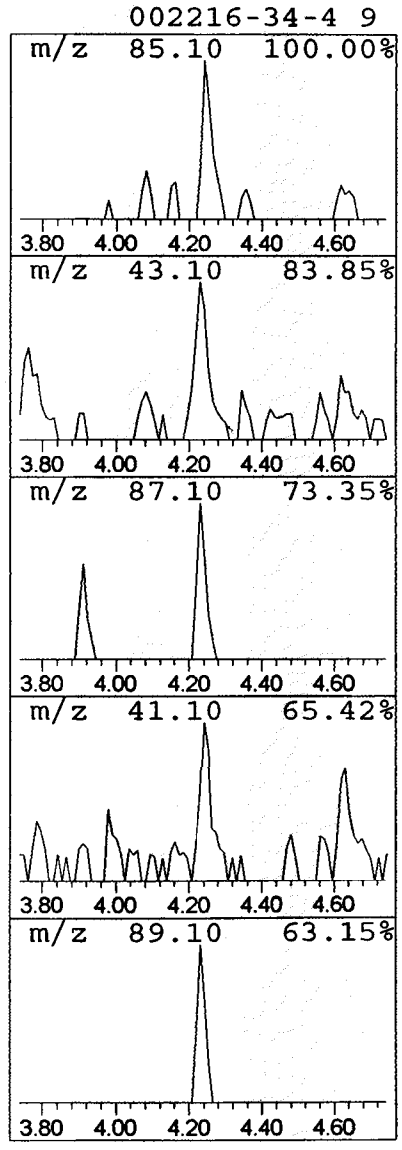
****

Peak Number 3 Methacrylamide $$ 2-Propena... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.24	0.16 ug/L	78913	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide $$ 2-Propenamide,...	85	C4H7NO	000079-39-0	12
2	Carbonic acid, dihexyl ester $$ ...	230	C13H26O3	007523-15-1	10
3	Acetamide, N-ethyl- (CAS) $$ N-E...	87	C4H9NO	000625-50-3	9
4	Octane, 4-methyl- (CAS) $$ 4-Met...	128	C9H20	002216-34-4	9





Data File : C:\MSDCHEM\1\5973N\02JAN29\00555.D Vial: 1
Acq On : 29 Jan 2002 2:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 29, 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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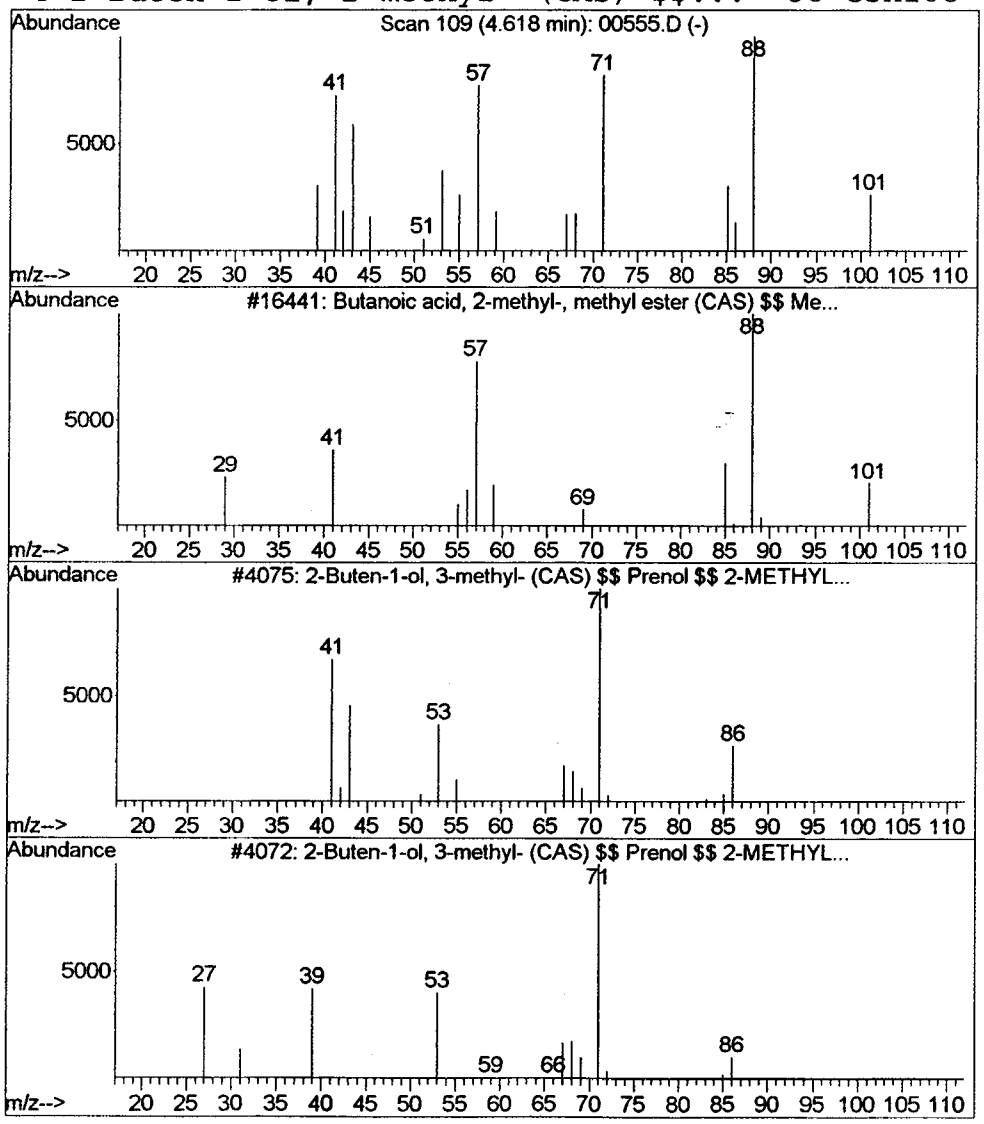
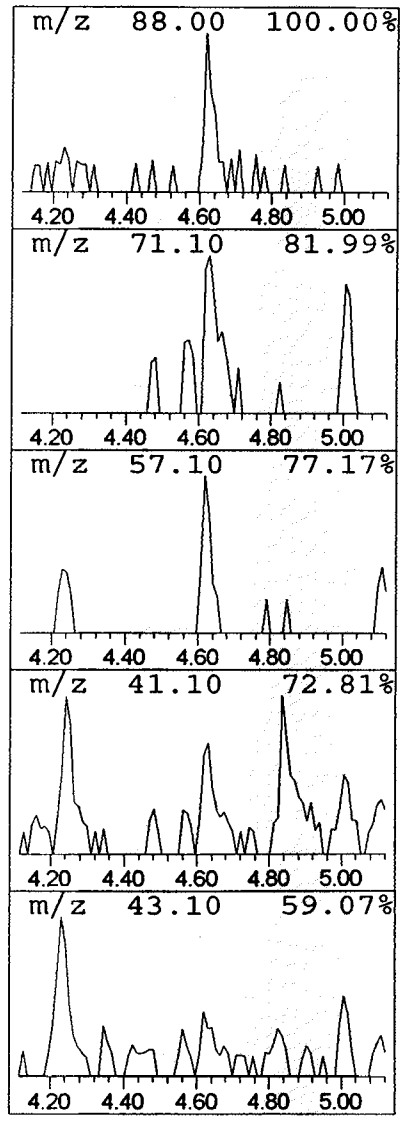
Peak Number 4 Butanoic acid, 2-methyl-, m... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	0.06 ug/L	31041	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	43
2	2-Buten-1-ol, 3-methyl- (CAS) $$...	86	C5H10O	000556-82-1	38
3	2-Buten-1-ol, 3-methyl- (CAS) $$...	86	C5H10O	000556-82-1	38
4	2-Buten-1-ol, 2-methyl- (CAS) $$...	86	C5H10O	004675-87-0	38





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN29\00555.D Vial: 1
Acq On : 29 Jan 2002 2:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 29, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

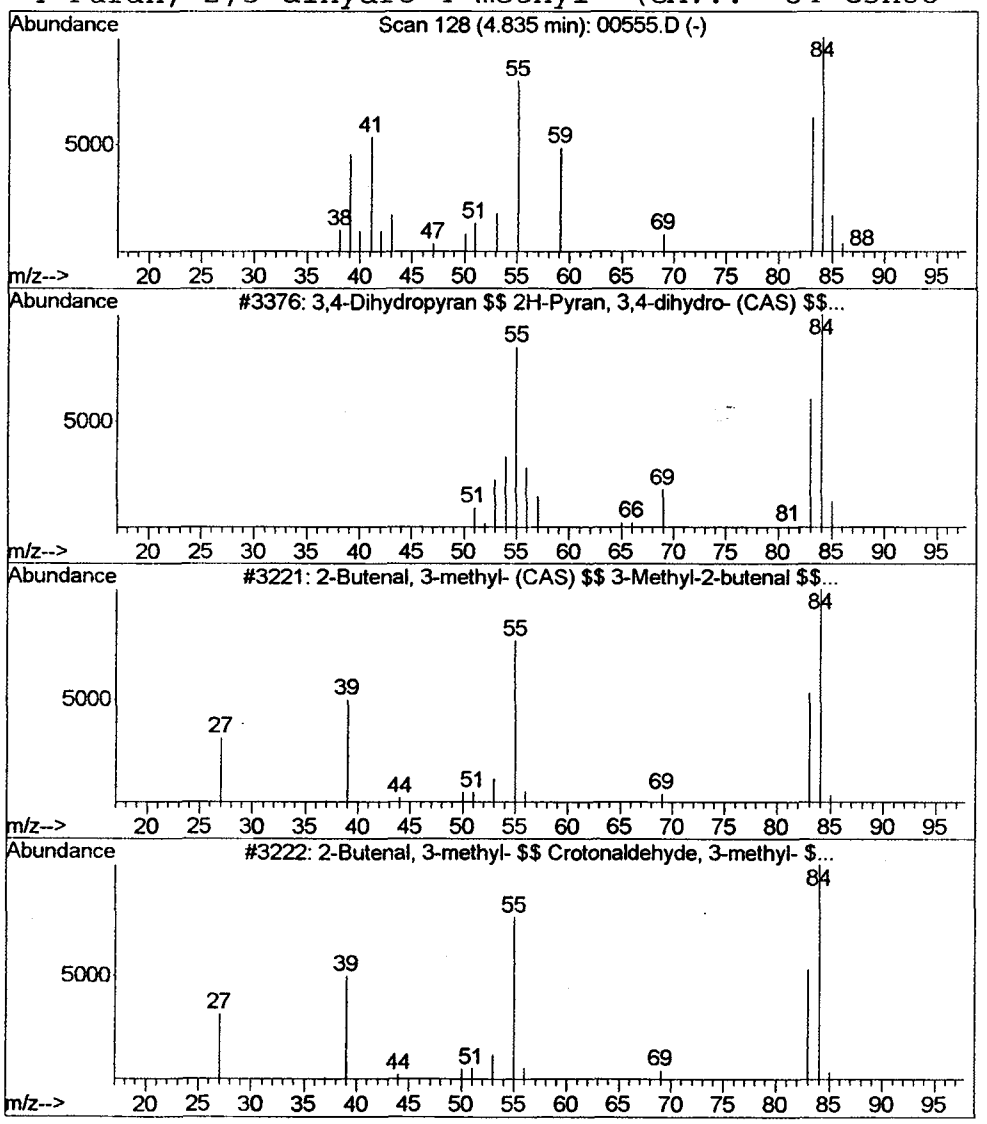
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

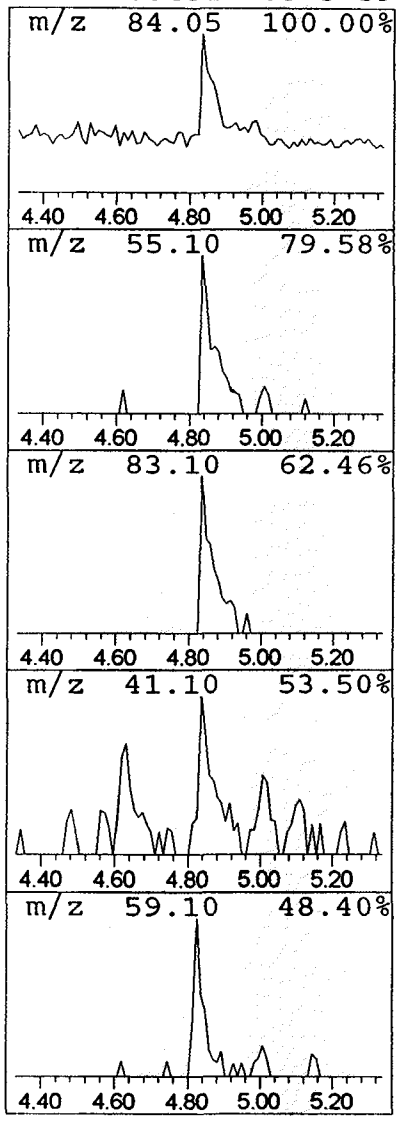
****

Peak Number 5 3,4-Dihydropyran $$ 2H-Pyra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	0.16 ug/L	77289	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dihydropyran $$ 2H-Pyran, 3,...	84	C5H8O	000110-87-2	64
2	2-Butenal, 3-methyl- (CAS) $$ 3-...	84	C5H8O	000107-86-8	64
3	2-Butenal, 3-methyl- $$ Crotonal...	84	C5H8O	000107-86-8	64
4	Furan, 2,3-dihydro-4-methyl- (CA...	84	C5H8O	034314-83-5	59





Data File : C:\MSDCHEM\1\5973N\02JAN29\00555.D Vial: 1
Acq On : 29 Jan 2002 2:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 29, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

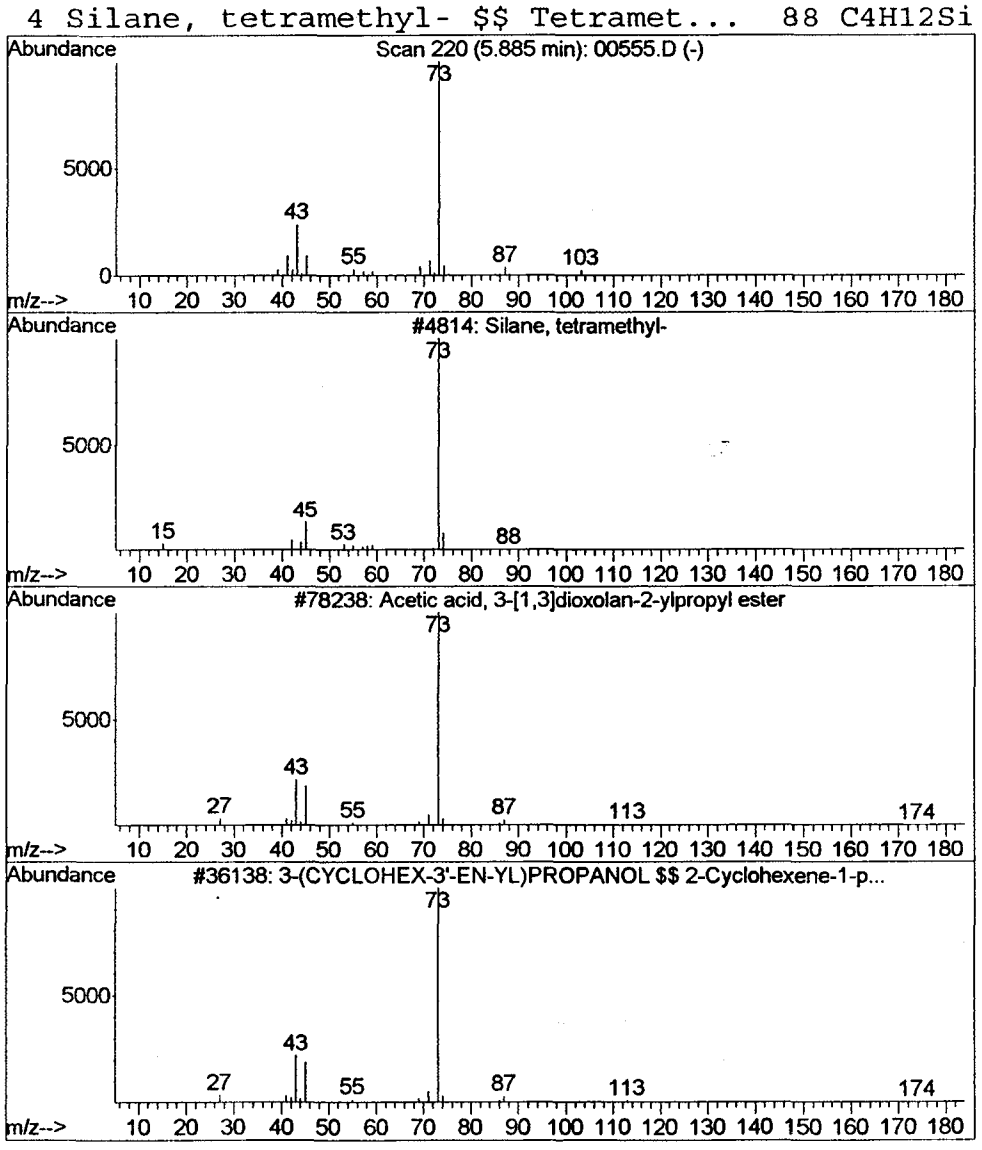
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

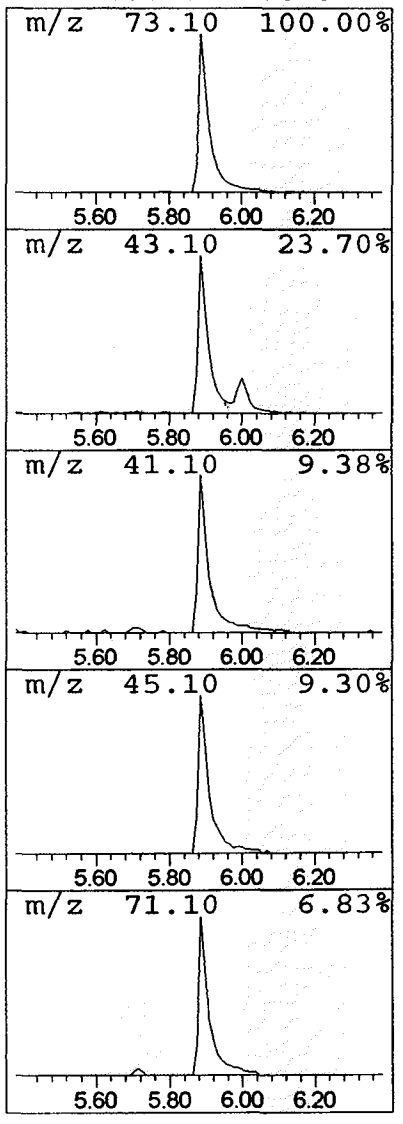
****

Peak Number 6 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	3.25 ug/L	1567690	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	33
3	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	33
4	Silane, tetramethyl- $$ Tetramet...	88	C4H12Si	000075-76-3	32





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Acq On : 29 Jan 2002 2:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 29, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

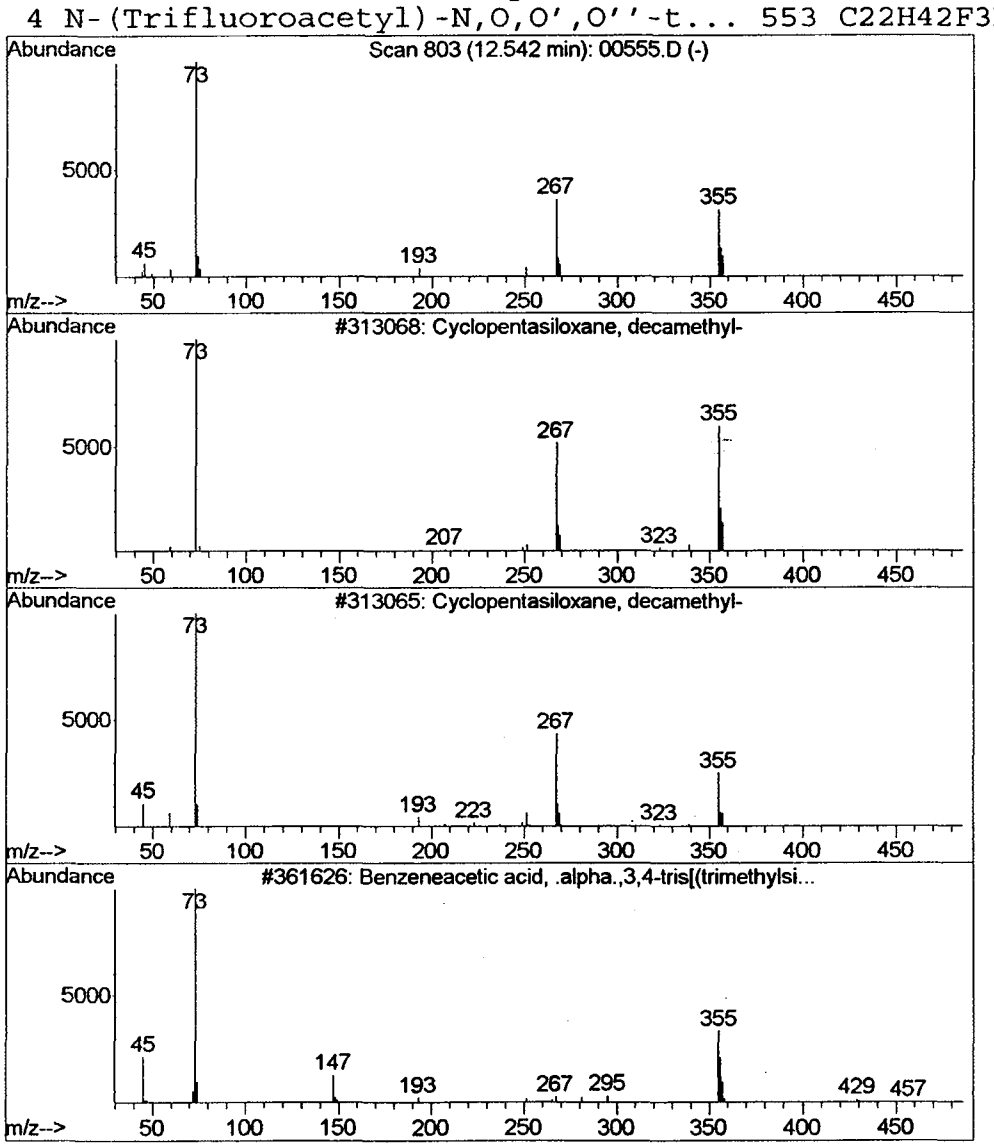
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

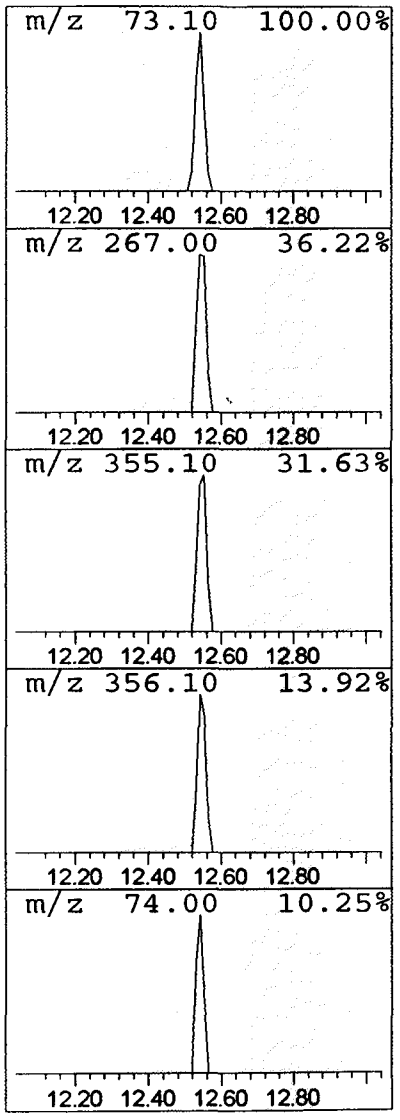
****

Peak Number 7 Cyclopentasiloxane, decamet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.10 ug/L	73429	Naphthalene-d8	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	78
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	42
3	Benzeneacetic acid, .alpha.,3,4-...	472	C20H40O5Si4	037148-65-5	36
4	N-(Trifluoroacetyl)-N,O,O',O''-t...	553	C22H42F3NO4Si4	000000-00-0	28





Data File : C:\MSDCHEM\1\5973N\02JAN29\00555.D Vial: 1
Acq On : 29 Jan 2002 2:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 29, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

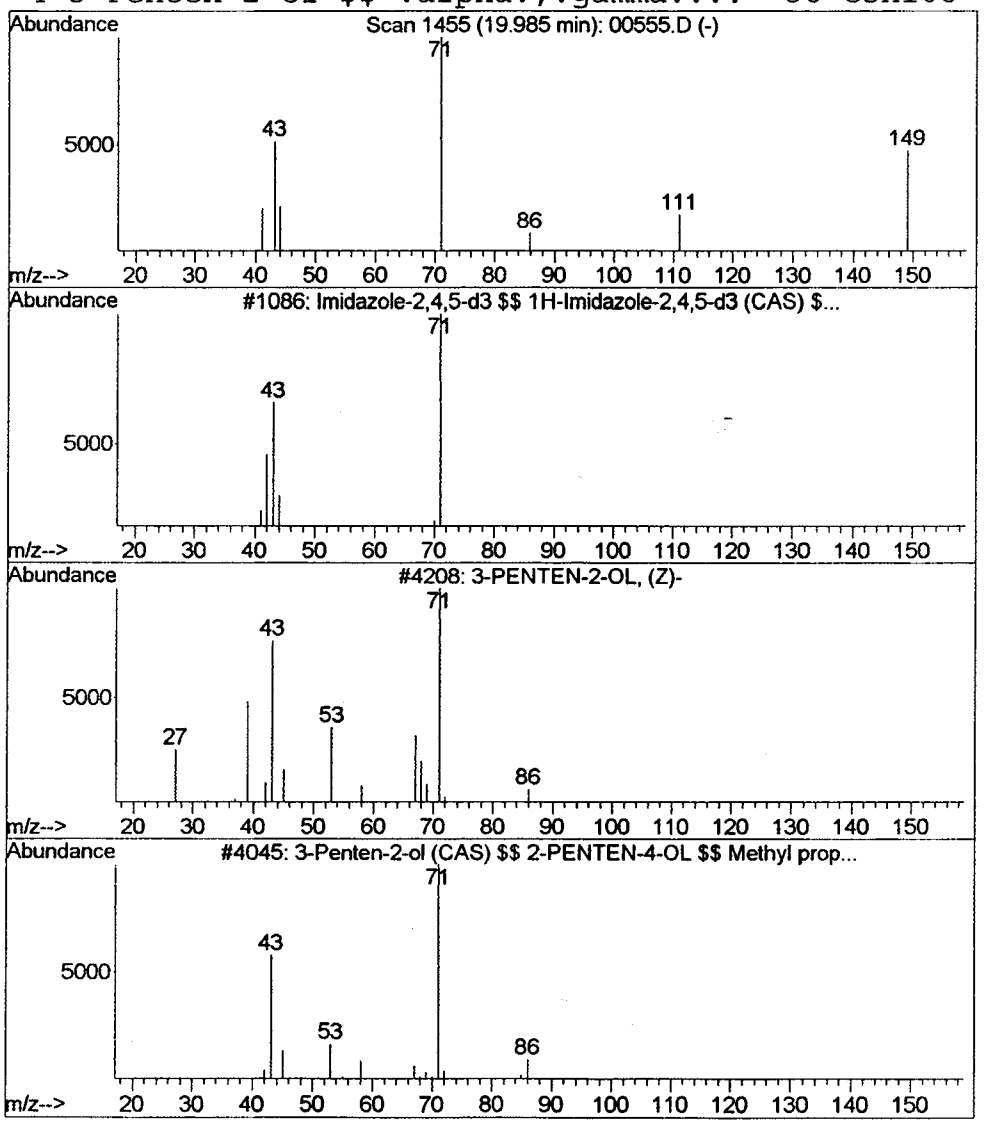
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

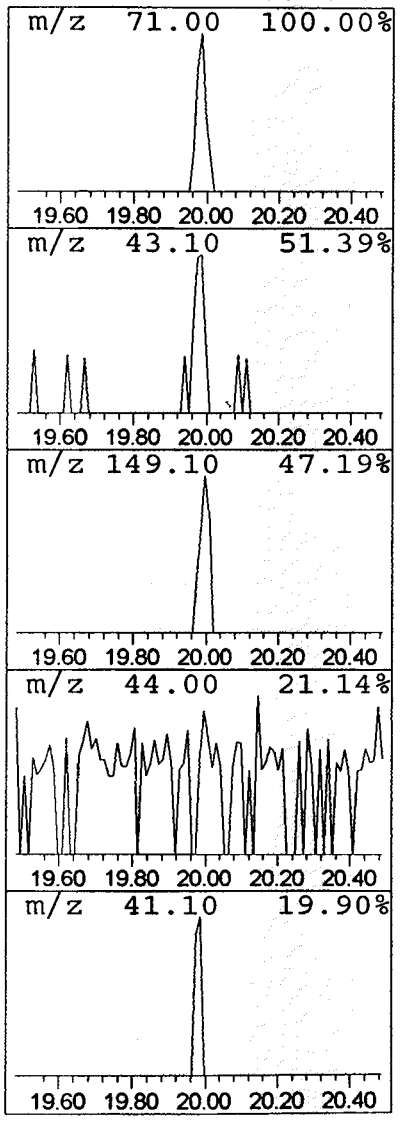
****

Peak Number 8 Imidazole-2,4,5-d3 $$ 1H-Im... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	0.04 ug/L	30382	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazole-2,4,5-d3 $$ 1H-Imidazo...	71	C3HD3N2	006745-43-3	9
2	3-PENTEN-2-OL, (Z)-	86	C5H10O	024652-50-4	7
3	3-Penten-2-ol (CAS) $$ 2-PENTEN-...	86	C5H10O	001569-50-2	7
4	3-Penten-2-ol $$ .alpha.,.gamma....	86	C5H10O	001569-50-2	7





Library Search Compound Report

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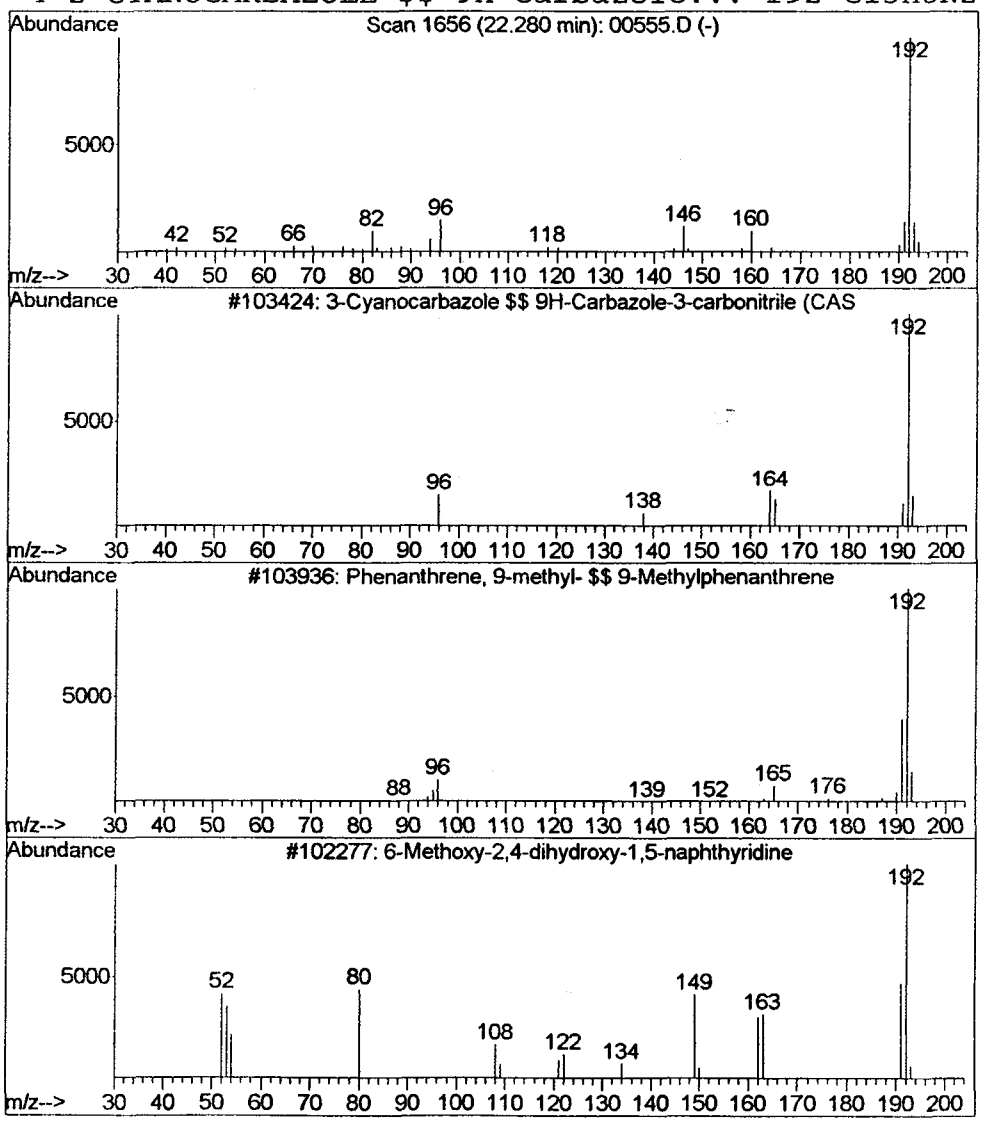
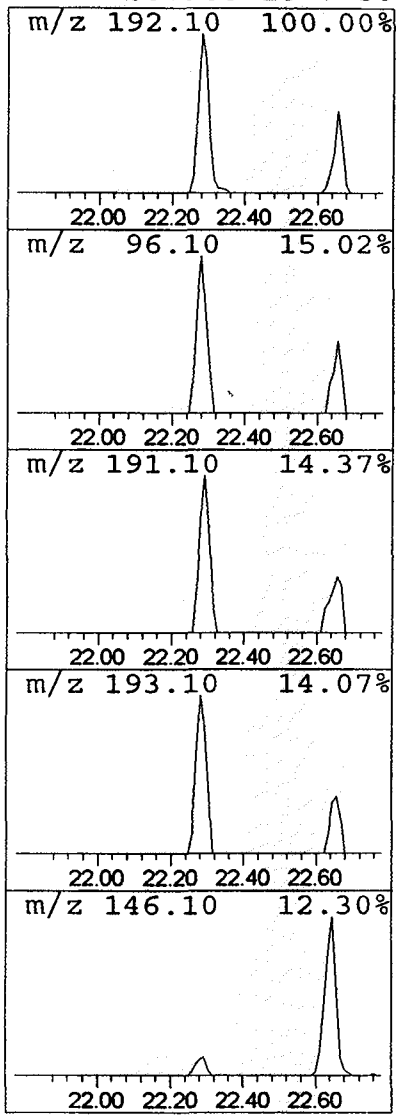
****

Peak Number 9 3-Cyanocarbazole $$ 9H-Carb... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.16 ug/L	139053	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	64
2	Phenanthrene, 9-methyl- $$ 9-Met...	192	C15H12	000883-20-5	53
3	6-Methoxy-2,4-dihydroxy-1,5-naph...	192	C9H8N2O3	000000-00-0	50
4	2-CYANOCARBAZOLE $$ 9H-Carbazole...	192	C13H8N2	057955-18-7	50





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN29\00555.D Vial: 1
Acq On : 29 Jan 2002 2:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 29, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

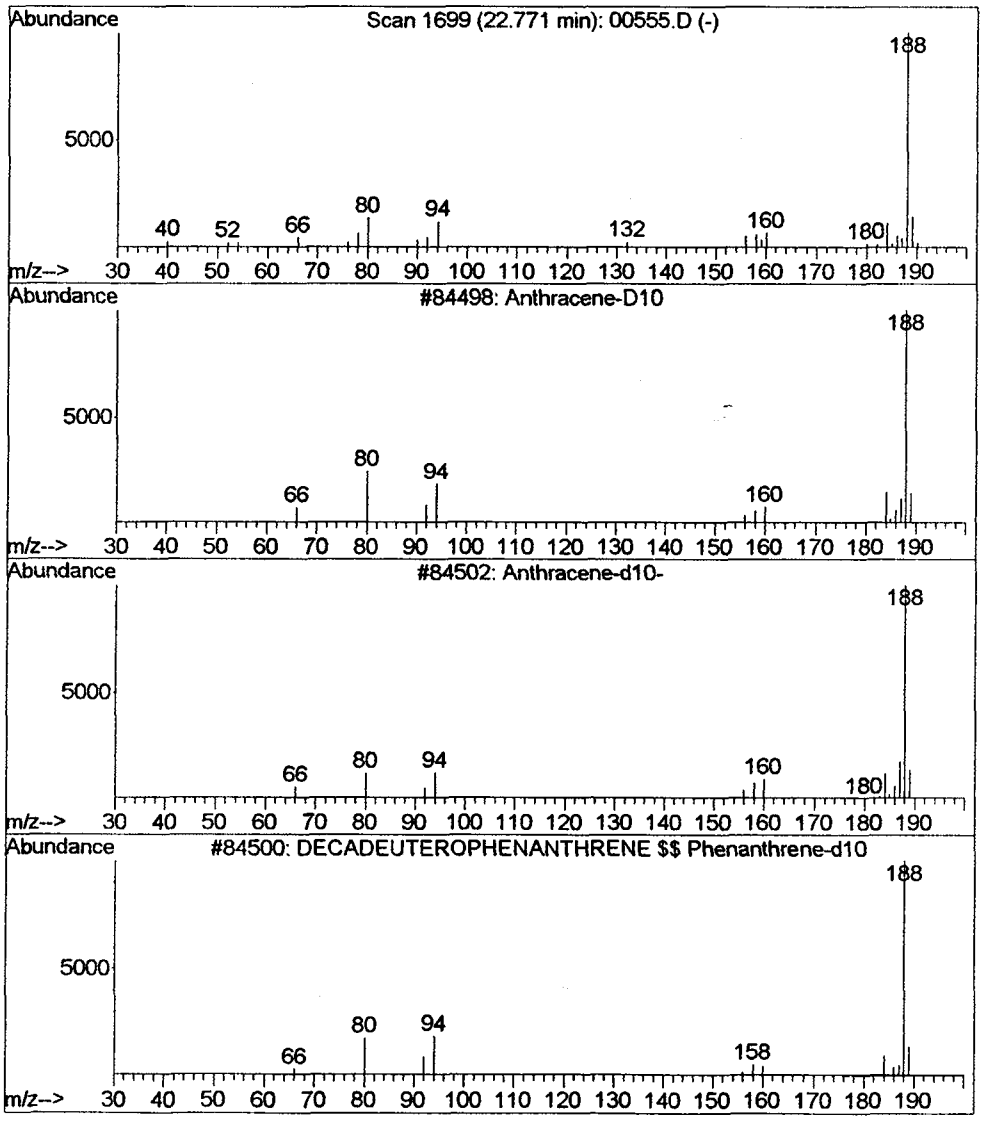
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

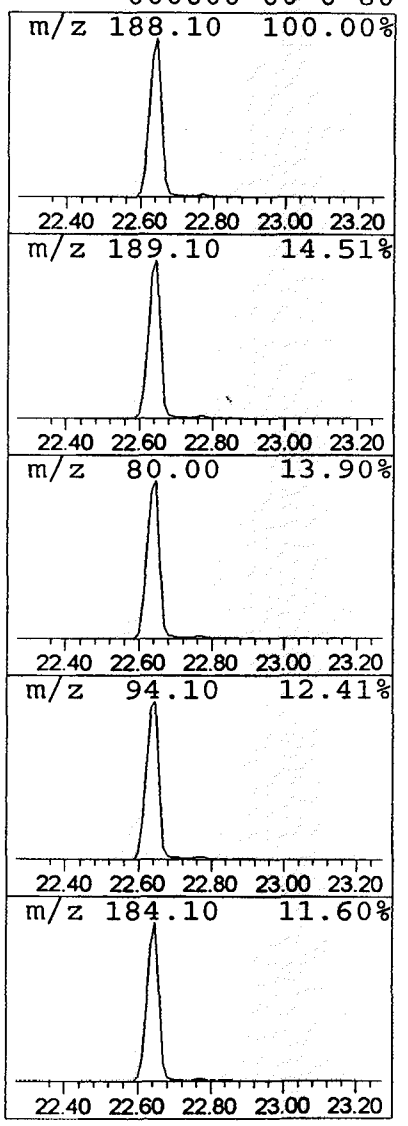
****

Peak Number 10 Anthracene-D10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.28 ug/L	243153	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-D10	188	C14D10	000000-00-0	93
2	Anthracene-d10-	188	C14D10	001719-06-8	93
3	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	87
4	Acridine-D9	188	C13D9N	000000-00-0	80





Data File : C:\MSDCHEM\1\5973N\02JAN29\00555.D Vial: 1
Acq On : 29 Jan 2002 2:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 29, 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

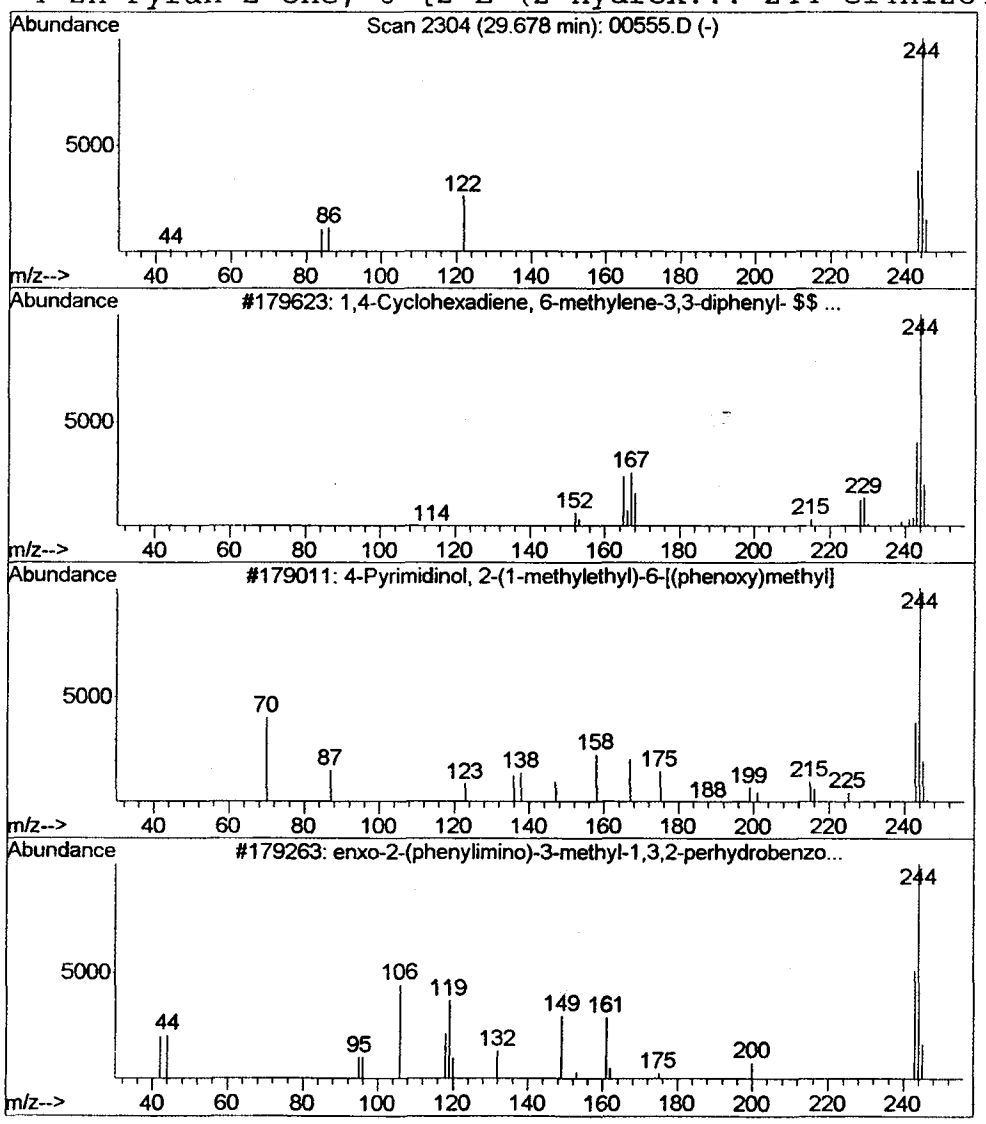
****

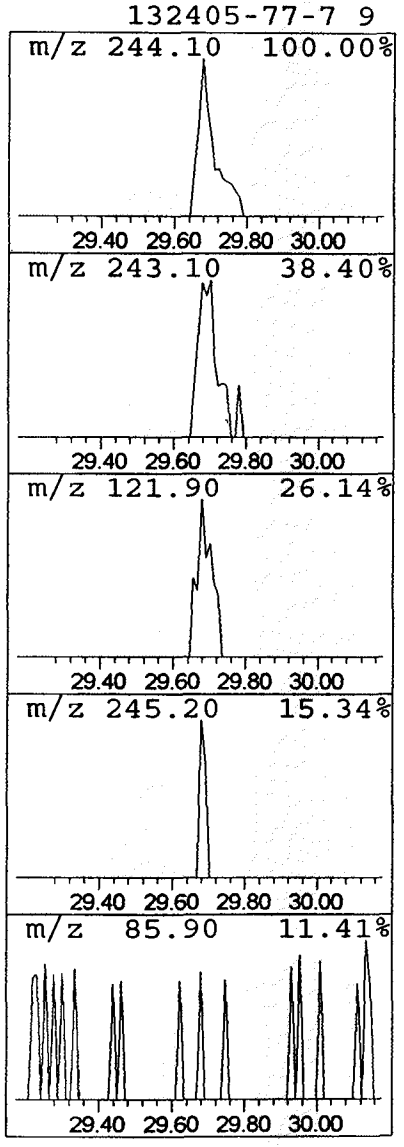
Peak Number 11 1,4-Cyclohexadiene, 6-methy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.68	0.04 ug/L	32331	Chrysene-d12	30.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Cyclohexadiene, 6-methylene-...	244	C19H16	018636-59-4	50
2	4-Pyrimidinol, 2-(1-methylethyl)...	244	C14H16N2O2	000000-00-0	50
3	enxo-2-(phenylimino)-3-methyl-1,...	244	C15H20N2O	105545-43-5	50
4	2H-Pyran-2-one, 6-[2-E-(2-hydrox...	244	C14H12O4	132405-77-7	9

NO
Good
match





Operator ID: Date Acquired: 29 Jan 2002 2:32 pm
Data File: C:\MSDCHEM\1\5973N\02JAN29\00555.D
Name: 508 scan
Misc: January 29, 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
Dichloroacetonitr...	3.48	0.1	ug/L	49263	1	9.72	9659530	20.0
Butanoic acid, me...	3.60	0.1	ug/L	56597	1	9.72	9659530	20.0
Methacrylamide $$...	4.24	0.2	ug/L	78913	1	9.72	9659530	20.0
Butanoic acid, 2-...	4.62	0.1	ug/L	31041	1	9.72	9659530	20.0
3,4-Dihydropyran ...	4.84	0.2	ug/L	77289	1	9.72	9659530	20.0
Silane, tetramethyl-	5.89	3.2	ug/L	1567690	1	9.72	9659530	20.0
Cyclopentasiloxan...	12.54	0.1	ug/L	73429	2	13.19	13995900	20.0
Imidazole-2,4,5-d...	19.99	0.0	ug/L	30382	3	18.34	15764800	20.0
3-Cyanocarbazole ...	22.28	0.2	ug/L	139053	4	22.65	17372700	20.0
Anthracene-D10	22.77	0.3	ug/L	243153	4	22.65	17372700	20.0
1,4-Cyclohexadien...	29.68	0.0	ug/L	32331	5	30.50	16170500	20.0