User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/08/2002 Time: 14:33:50

Sample: AD29522
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/8/02 14:33 Ended: 2/8/02 14:33 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		81		5.0

Comments for Sample AD29522 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-08-2002 Time: 14:36:56

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 9 of the 43 compounds in the LCS Standard were below their acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB01\29522.D Vial: 4
Acq On : 1 Feb 2002 1:04 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 04 08:34:14 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	1488882	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	6259691	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	3172062	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.63	188	5155211	20.00	ug/L	-0.03
38) Chrysene-d12	30.50	240	4414019	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	3140467	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	331630	4.07	ug/L	0.00
Spiked Amount 5.000			Recovery = 81.40%			
Target Compounds						Qvalue
42) Bis(2-ethylhexyl)phthalate	31.09	149	15513	0.62	ug/L	83

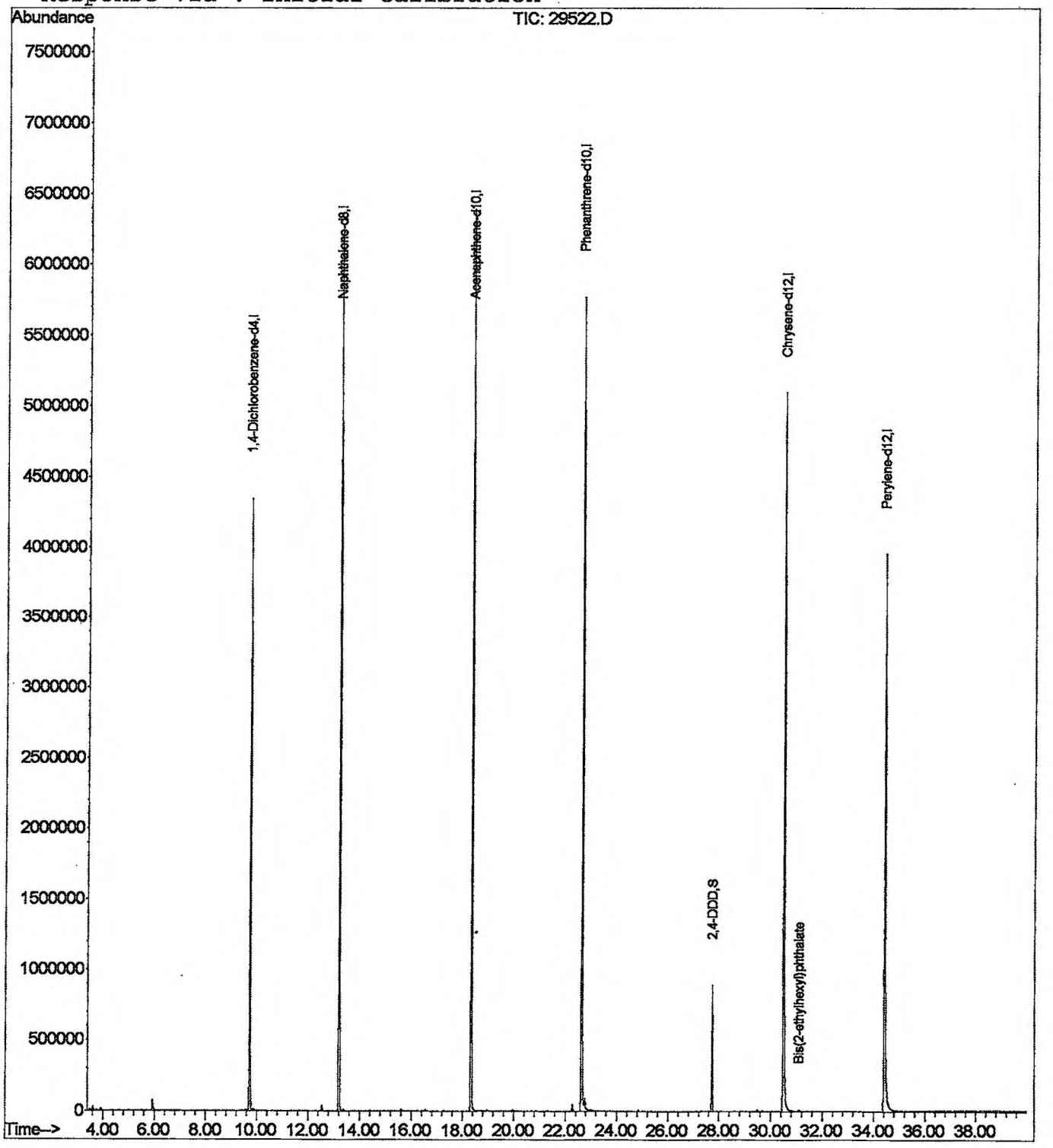
Re extraction
Sample
was clear!

(#) = qualifier out of range (m) = manual integration
29522.D SCAN508.M Mon Feb 04 09:34:19 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB01\29522.D Vial: 4
Acq On : 1 Feb 2002 1:04 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 4 9:33 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\02FEB01\29522.D Vial: 4
Acq On : 1 Feb 2002 1:04 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 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

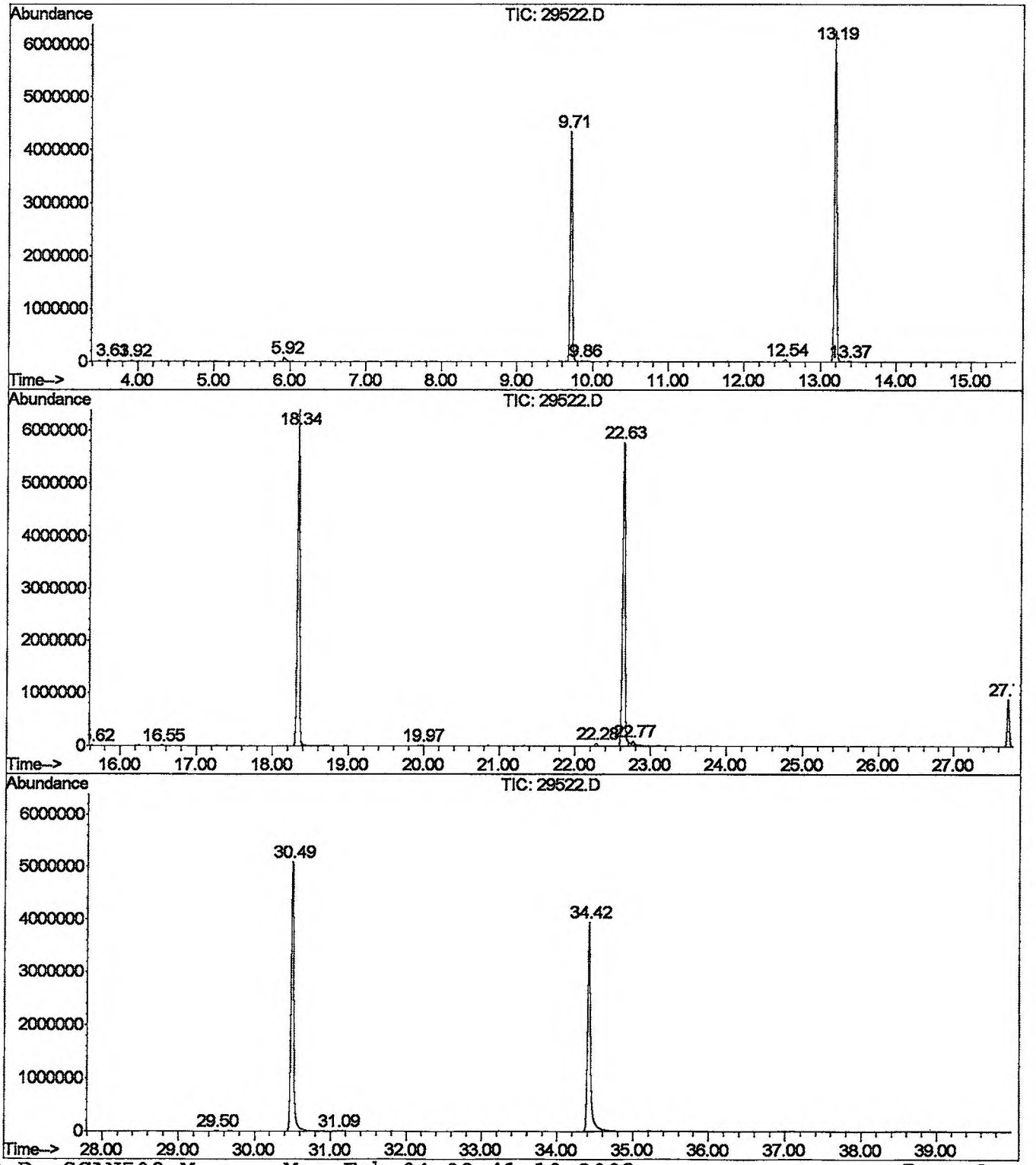
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.613	19	21	25	rBV	33342	53348	0.39%	0.073%
2	3.922	45	48	53	rBV	17601	29463	0.22%	0.040%
3	5.920	221	223	239	rBV	78979	195775	1.44%	0.268%
4	9.710	551	555	561	rVV	4343769	8487382	62.58%	11.615%
5	9.858	561	568	575	rVB	14104	30865	0.23%	0.042%
6	12.541	799	803	807	rVV	41045	67119	0.49%	0.092%
7	13.192	855	860	865	rBV	6260394	11976265	88.31%	16.390%
8	13.375	873	876	881	rVB2	13983	26241	0.19%	0.036%
9	15.624	1067	1073	1077	rBV2	14226	27364	0.20%	0.037%
10	16.549	1151	1154	1159	rVB2	15266	31444	0.23%	0.043%
11	18.341	1305	1311	1315	rBV	6390280	12843050	94.70%	17.576%
12	19.974	1451	1454	1465	rVV3	10575	24655	0.18%	0.034%
13	22.280	1653	1656	1661	rVV2	50316	98020	0.72%	0.134%
14	22.634	1681	1687	1693	rBV2	5769957	13562220	100.00%	18.560%
15	22.771	1697	1699	1705	rVB	79935	161468	1.19%	0.221%
16	27.726	2129	2133	2139	rBV	893435	1596218	11.77%	2.184%
17	29.496	2283	2288	2295	rBV3	15868	38889	0.29%	0.053%
18	30.489	2369	2375	2411	rBV	5099453	13117119	96.72%	17.951%
19	31.094	2425	2428	2435	rVV	13029	36925	0.27%	0.051%
20	34.416	2713	2719	2757	rBV	3953781	10668393	78.66%	14.600%

Sum of corrected areas: 73072223

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB01\29522.D
Operator :
Acquired : 1 Feb 2002 1:04 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : February 1, 2002
Vial Number: 4
Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\29522.D Vial: 4
Acq On : 1 Feb 2002 1:04 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

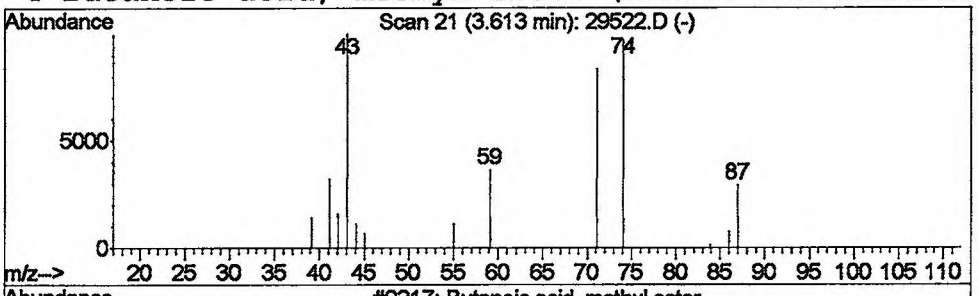
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

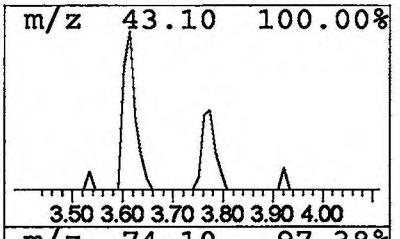
****

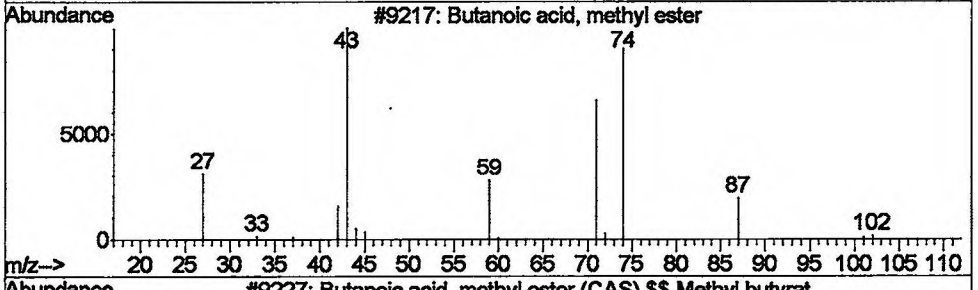
Peak Number 1 Butanoic acid, methyl ester Concentration Rank 4

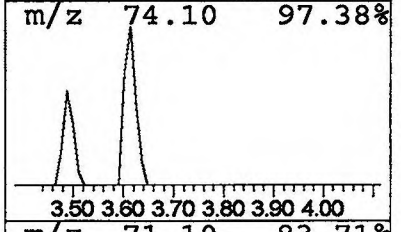
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	0.13 ug/L	53348	1,4-Dichlorobenzene-d4	9.71

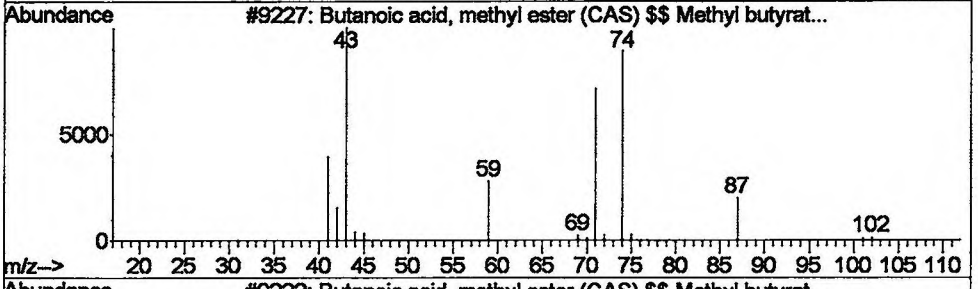
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
2	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
3	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
4	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	78

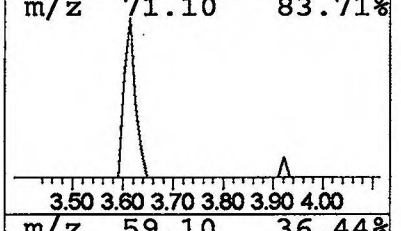


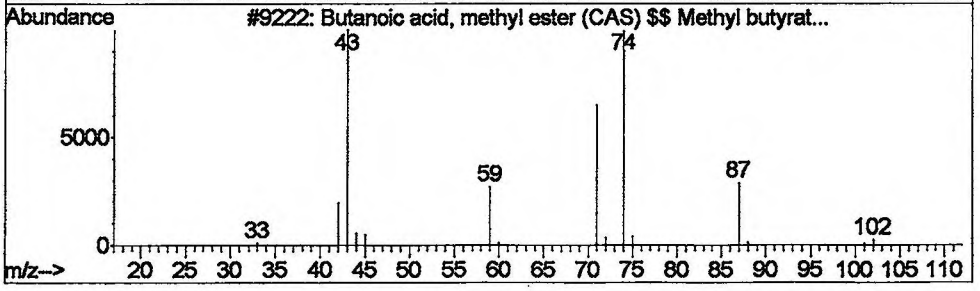


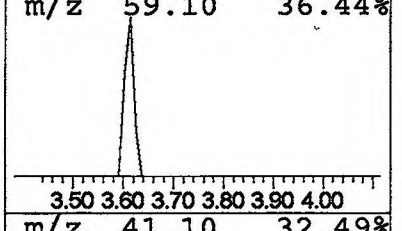


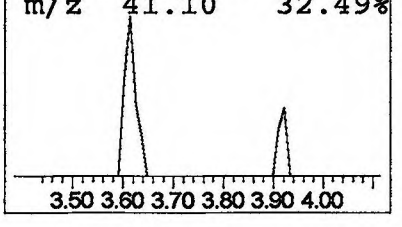












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\29522.D Vial: 4
Acq On : 1 Feb 2002 1:04 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

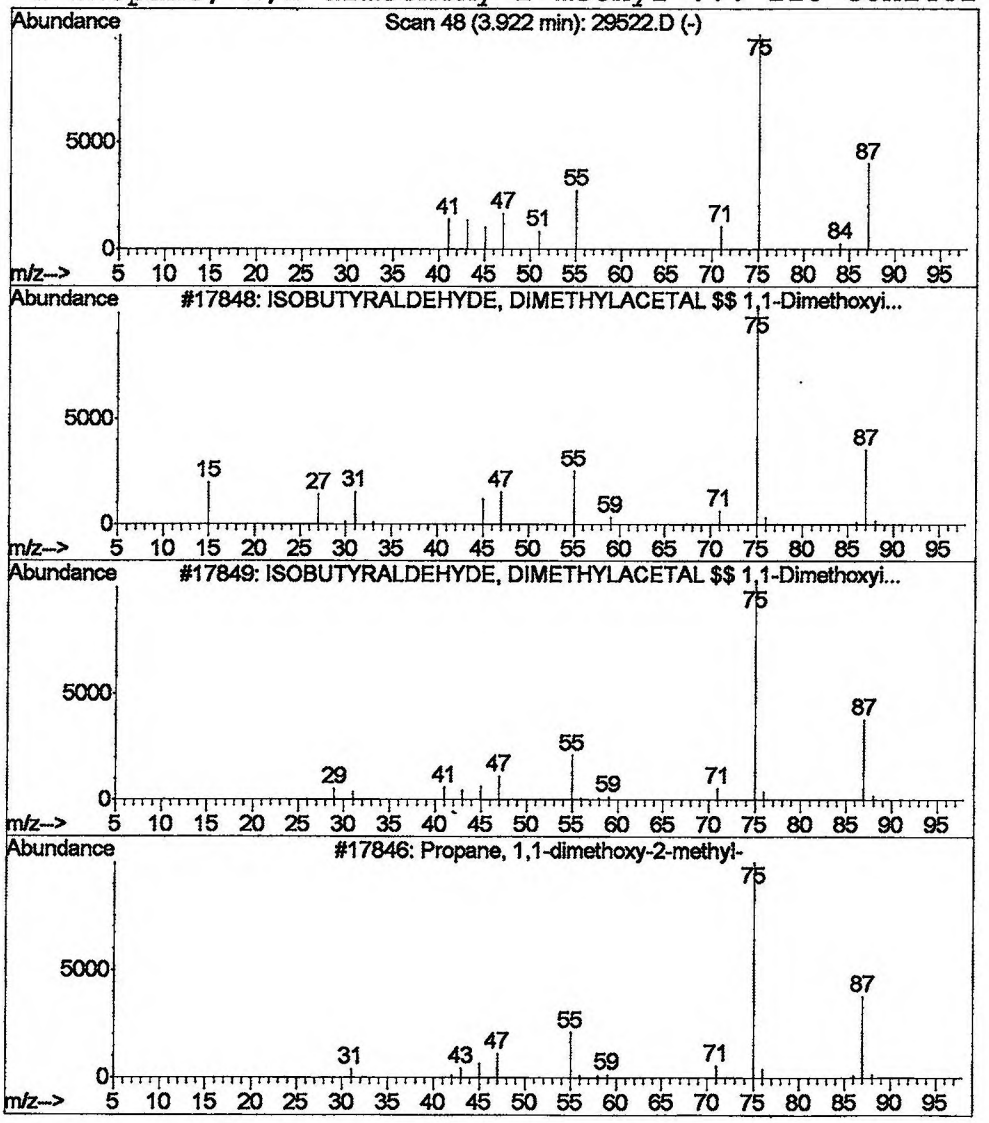
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

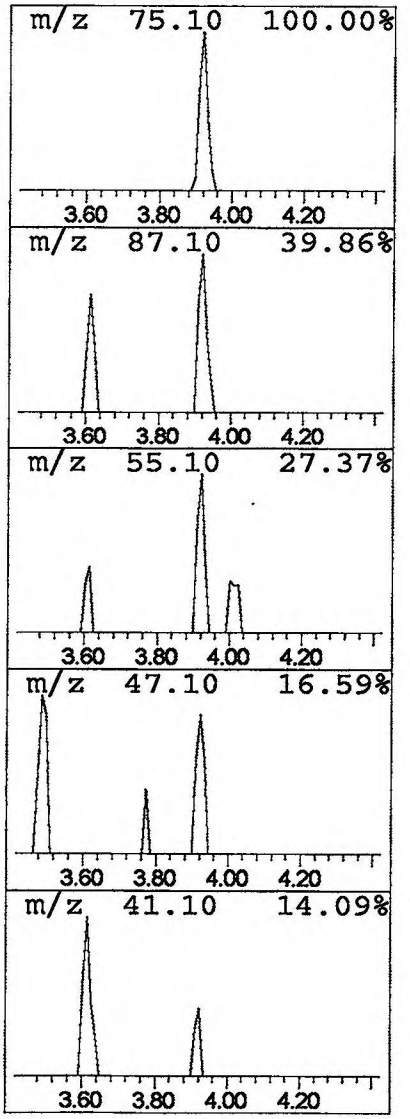
****

Peak Number 2 ISOBUTYRALDEHYDE, DIMETHYLA... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	0.07 ug/L	29463	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	83
2	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	74
3	Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	74
4	Propane, 1,1-dimethoxy-2-methyl-...	118	C6H14O2	041632-89-7	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\29522.D Vial: 4
Acq On : 1 Feb 2002 1:04 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

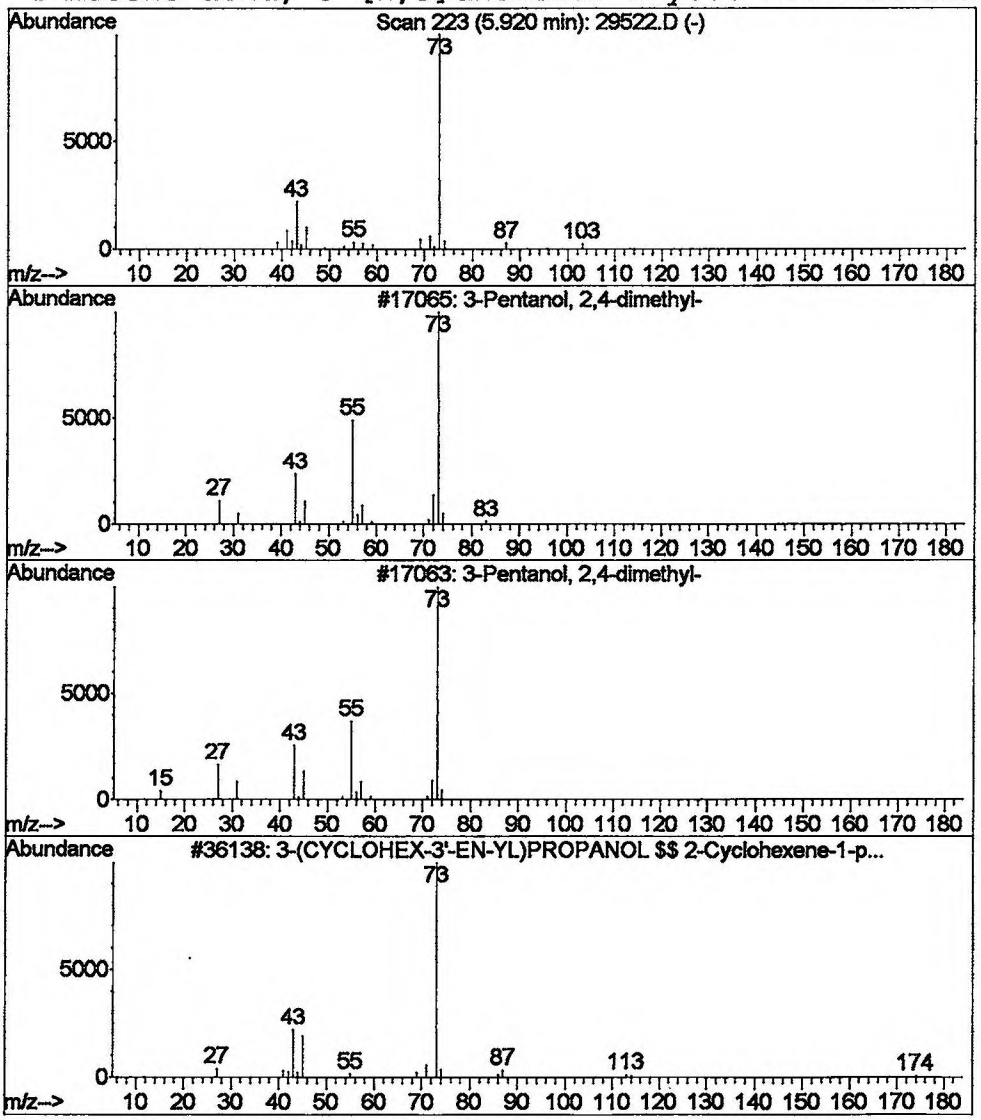
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

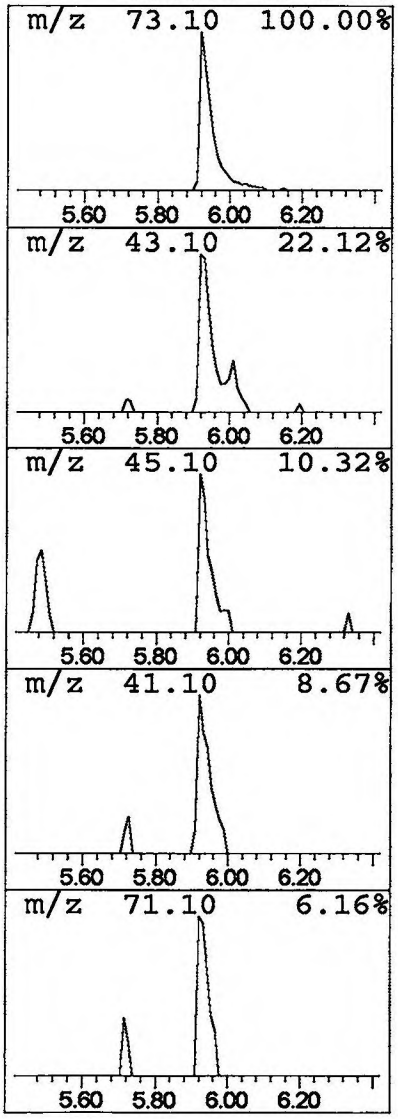
****

Peak Number 3 3-Pentanol, 2,4-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	0.46 ug/L	195775	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	33
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	33
3	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	28
4	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	28





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\29522.D Vial: 4
Acq On : 1 Feb 2002 1:04 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

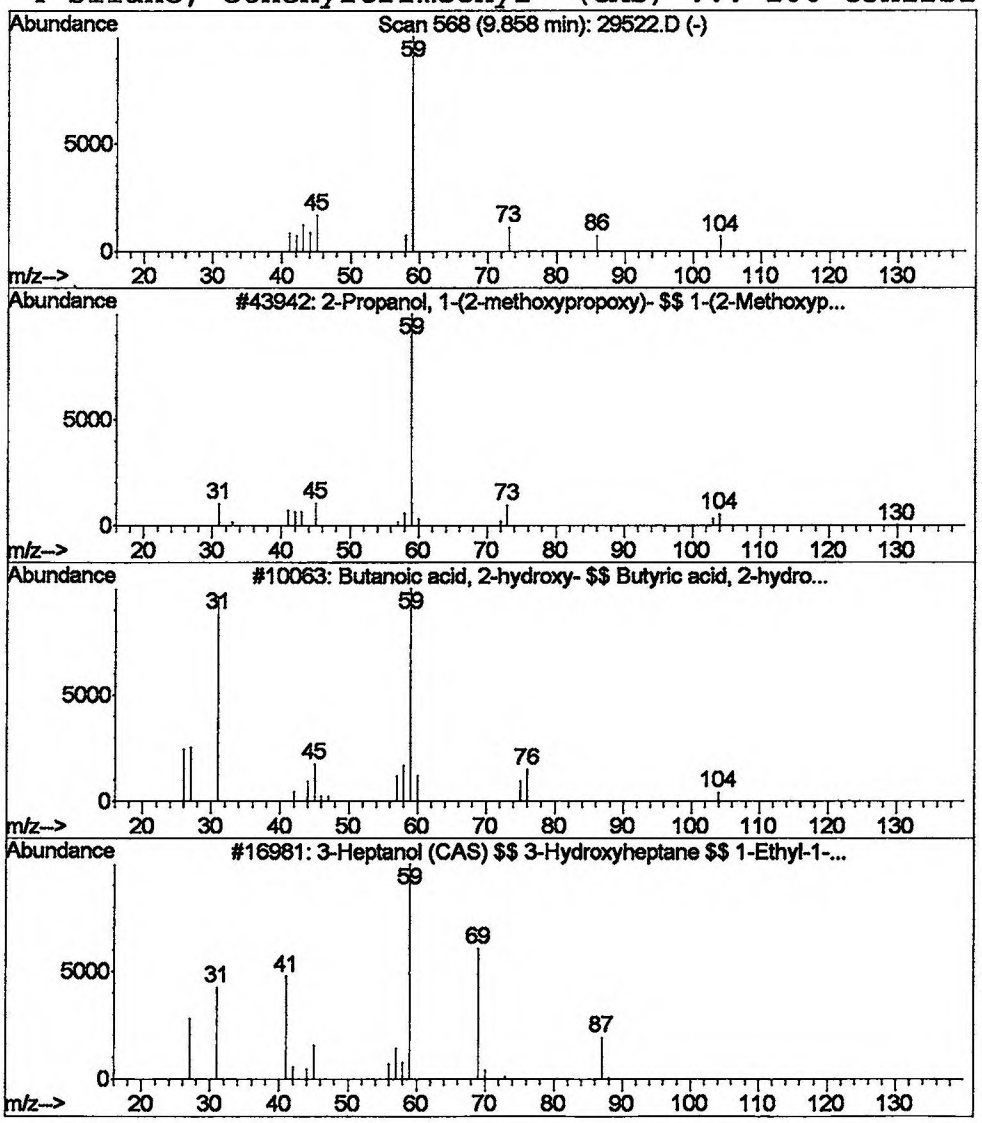
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

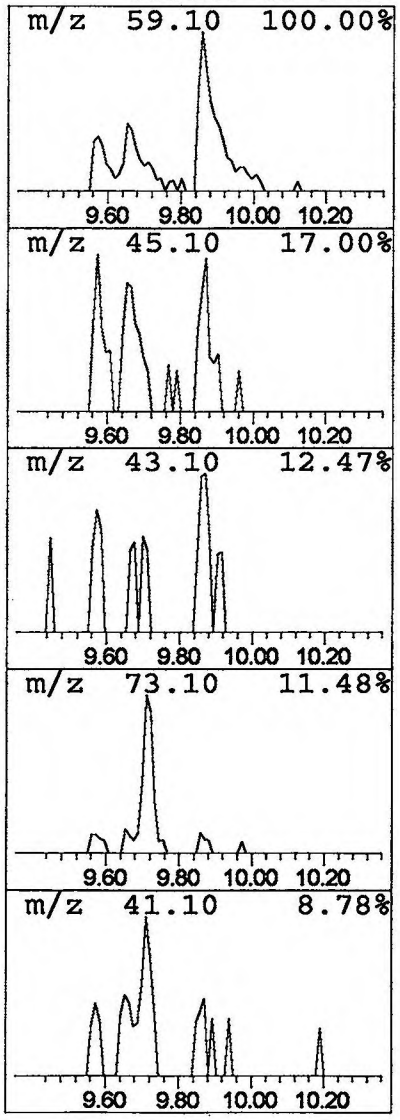
****

Peak Number 4 2-Propanol, 1-(2-methoxypro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	0.07 ug/L	30865	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	74
2	Butanoic acid, 2-hydroxy- $$ But...	104	C4H8O3	000565-70-8	39
3	3-Heptanol (CAS) $$ 3-Hydroxyhep...	116	C7H16O	000589-82-2	9
4	Silane, ethenyltrimethyl- (CAS) ...	100	C5H12Si	000754-05-2	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\29522.D Vial: 4
Acq On : 1 Feb 2002 1:04 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

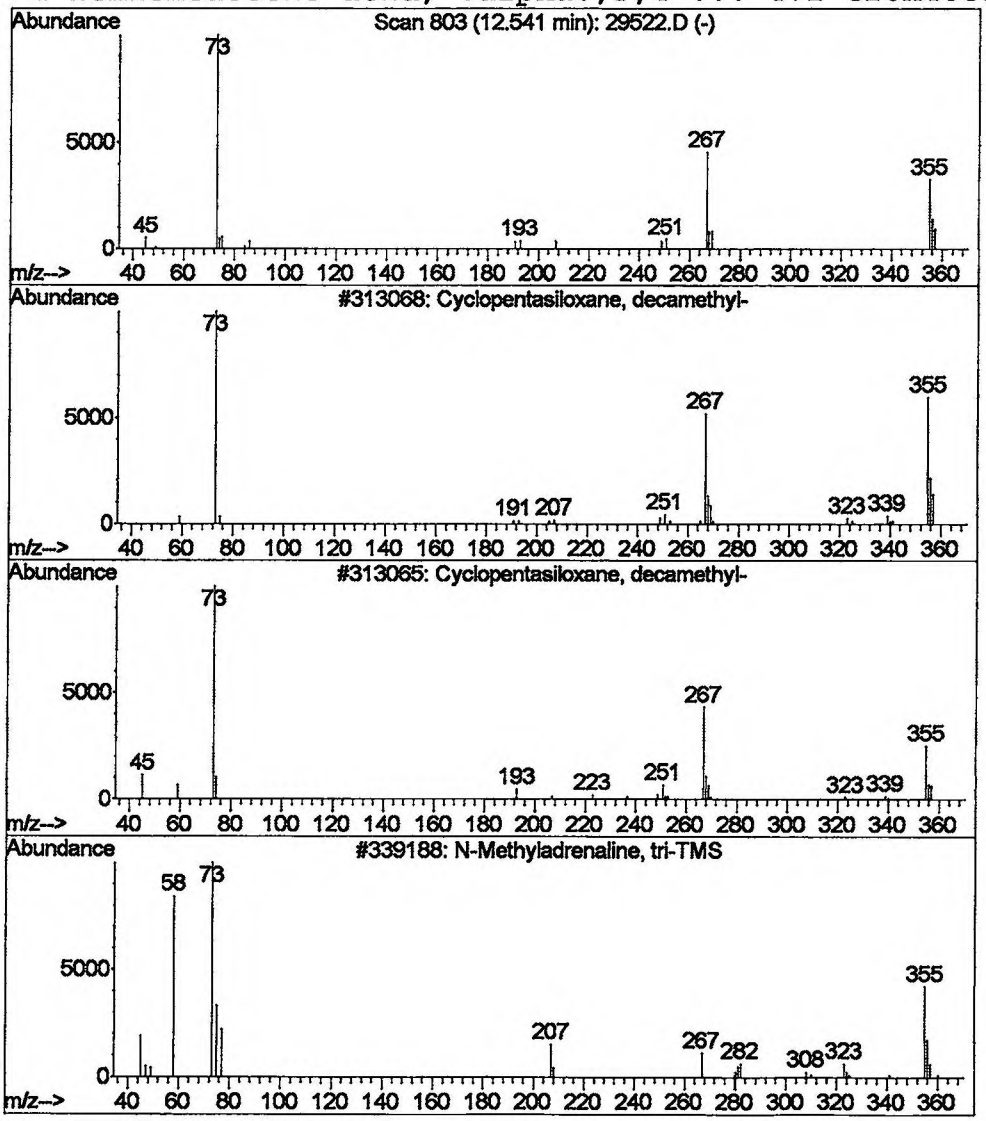
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

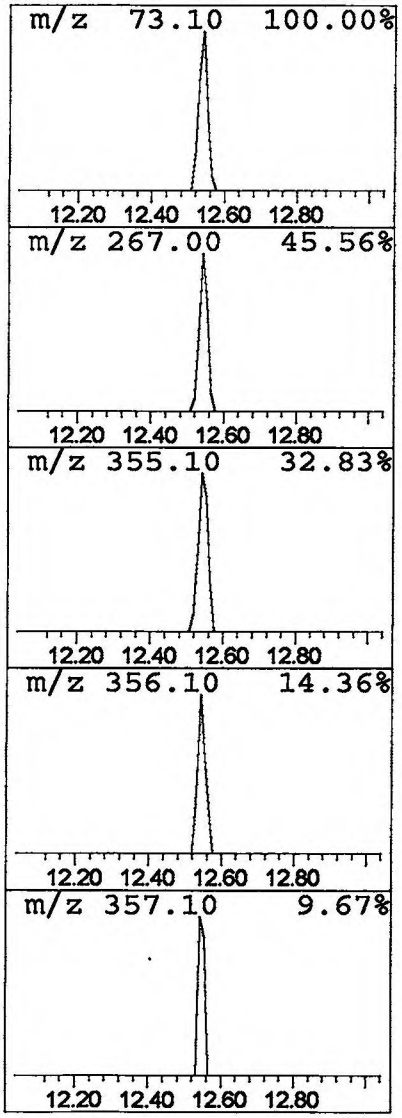
****

Peak Number 5 Cyclopentasiloxane, decamet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.11 ug/L	67119	Naphthalene-d8	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	53
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	33
3	N-Methyladrenaline, tri-TMS	413	C19H39NO3Si3	000000-00-0	23
4	Benzeneacetic acid, .alpha.,3,4-...	472	C20H40O5Si4	037148-65-5	23





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\29522.D Vial: 4
Acq On : 1 Feb 2002 1:04 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 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

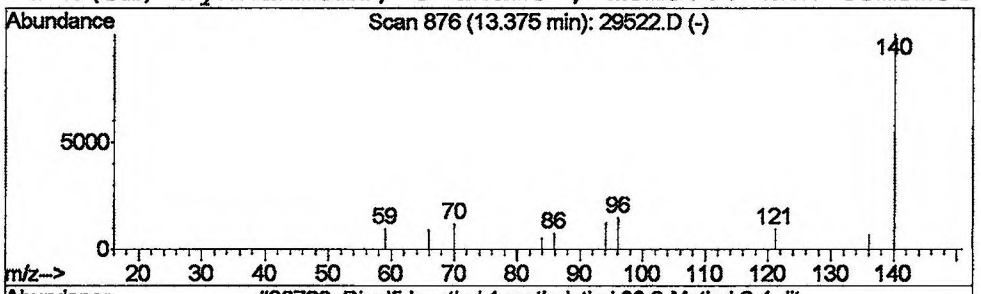
****

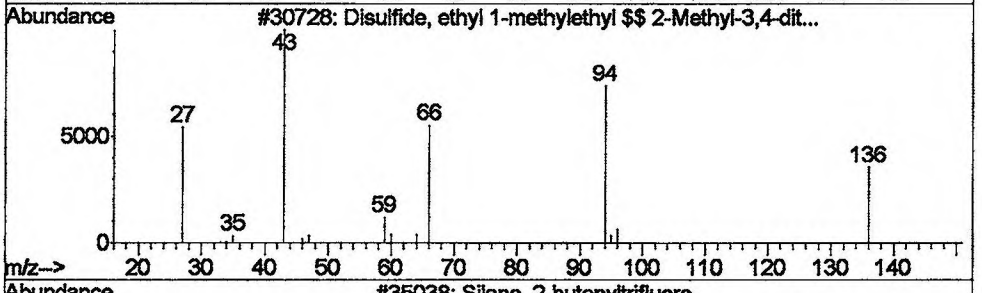
Peak Number 6 Disulfide, ethyl 1-methylet... Concentration Rank 11

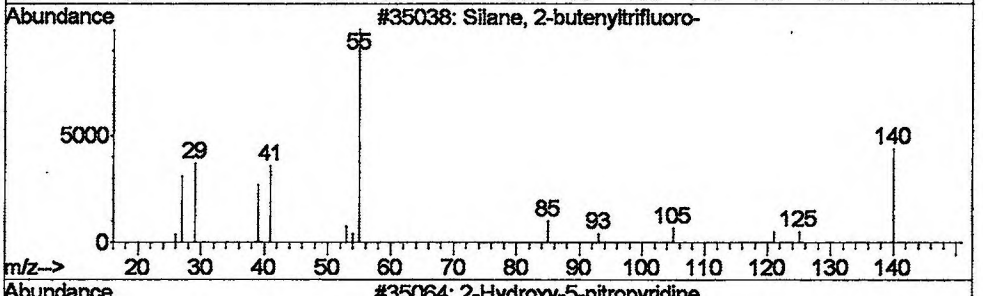
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	0.04 ug/L	26241	Naphthalene-d8	13.19

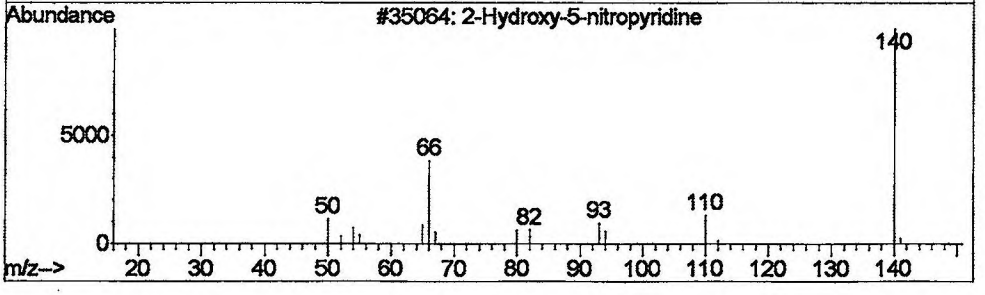
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, ethyl 1-methylethyl $...	136	C5H12S2	053966-36-2	7
2	Silane, 2-butenyltrifluoro-	140	C4H7F3Si	055712-74-8	4
3	2-Hydroxy-5-nitropyridine	140	C5H4N2O3	005418-51-9	4
4	2(5H)-Pyridinone, 5-diazo-, mono...	121	C5H3N3O	054459-87-9	4

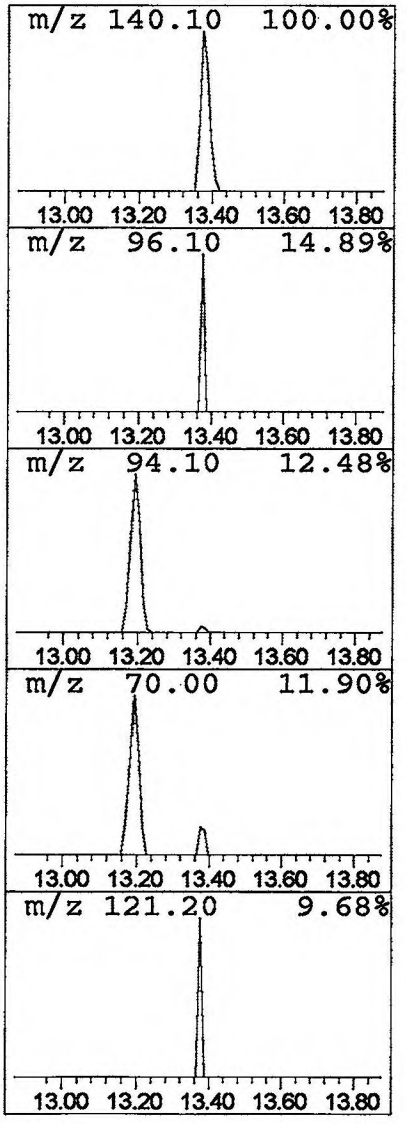
ND (GOOD MATCH)











Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\29522.D Vial: 4
Acq On : 1 Feb 2002 1:04 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

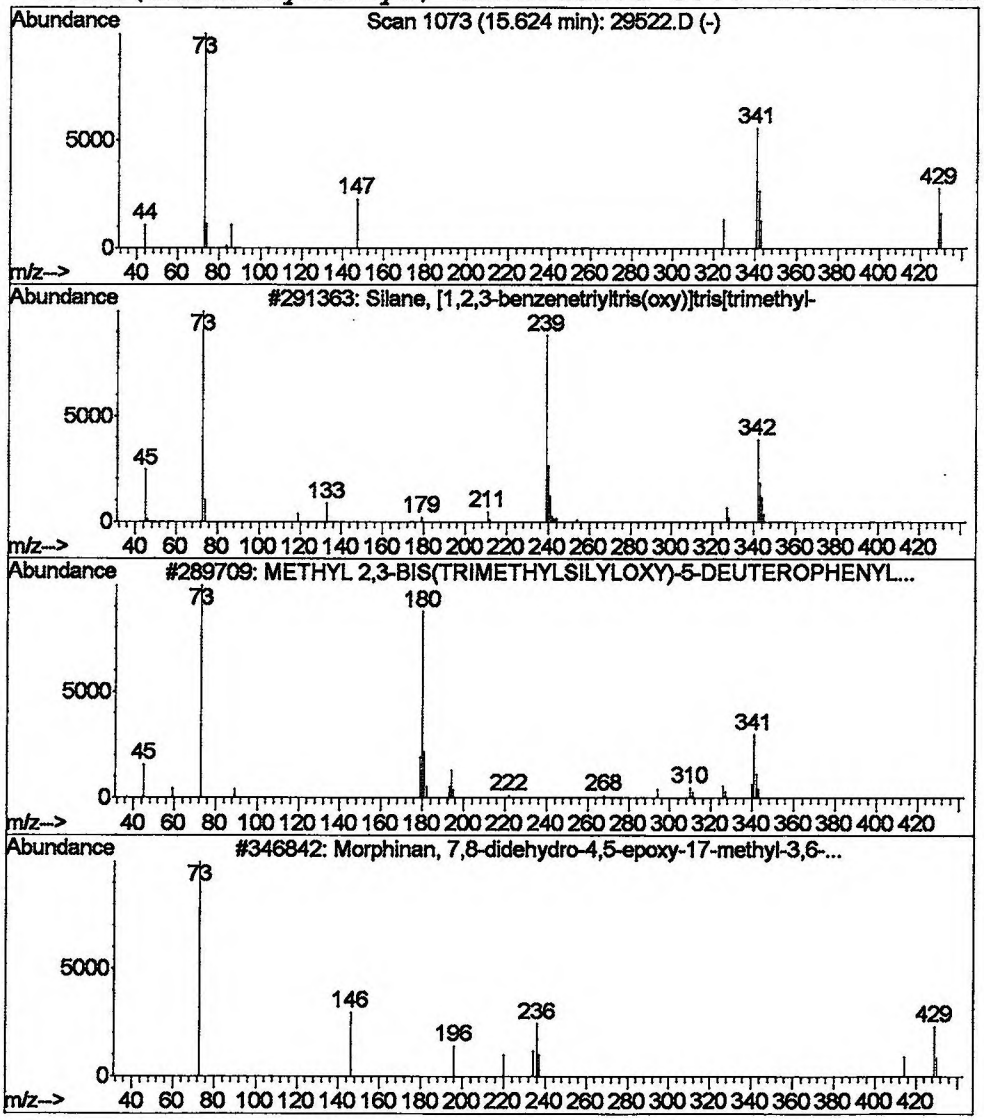
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

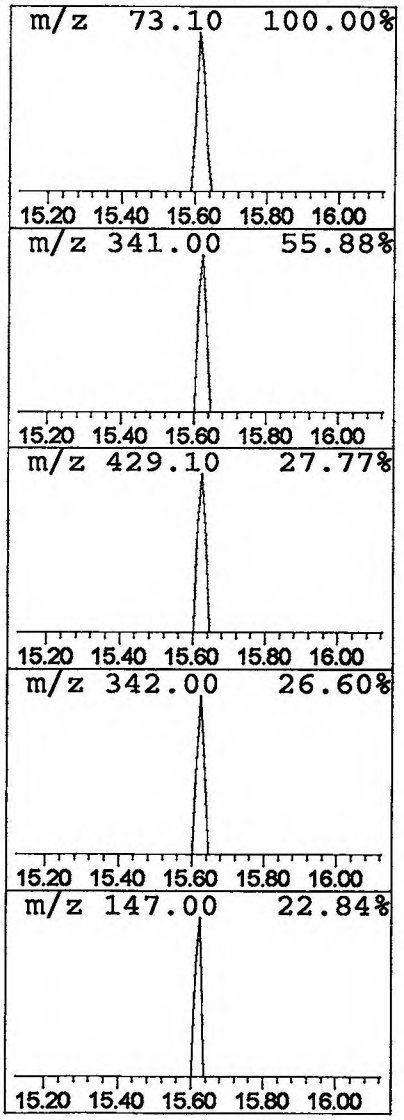
****

Peak Number 7 Silane, [1,2,3-benzenetriyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	0.05 ug/L	27364	Naphthalene-d8	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, [1,2,3-benzenetriyltris(...	342	C15H30O3Si3	017864-23-2	10
2	METHYL 2,3-BIS(TRIMETHYLSILYLOXY...	341	C16H27DO4Si2	000000-00-0	9
3	Morphinan, 7,8-didehydro-4,5-epo...	429	C23H35NO3Si2	055449-66-6	9
4	Bis(trimethylsilyl) derivative o...	429	C23H35NO3Si2	000000-00-0	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\29522.D Vial: 4
Acq On : 1 Feb 2002 1:04 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 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

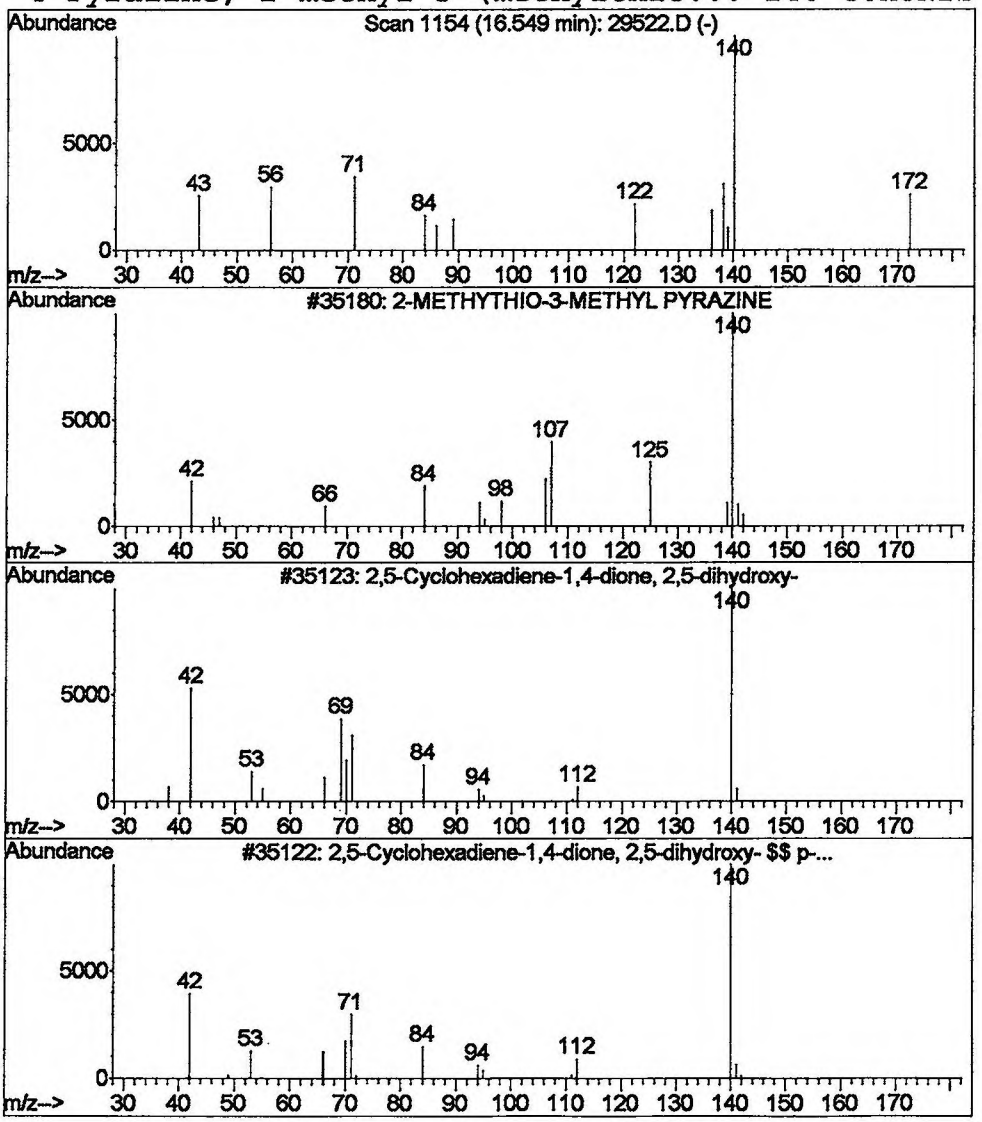
****

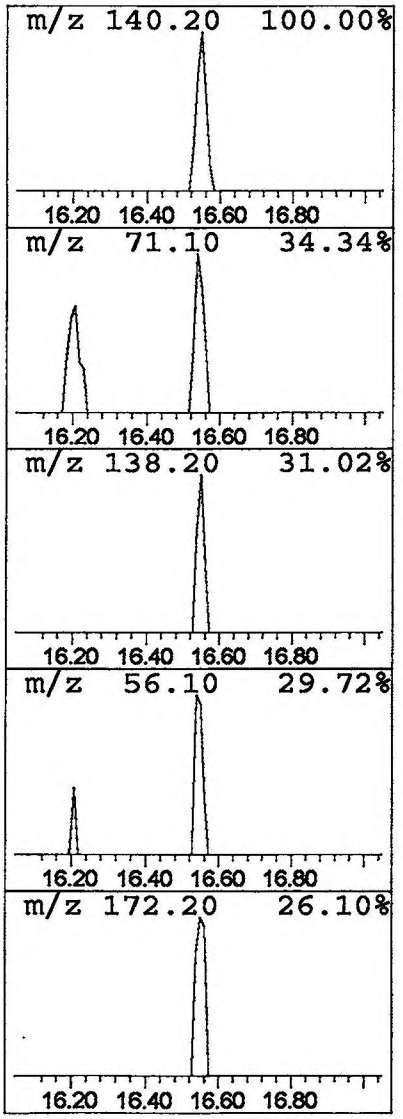
Peak Number 8 2-METHYTHIO-3-METHYL PYRAZINE Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	0.05 ug/L	31444	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-METHYTHIO-3-METHYL PYRAZINE	140	C6H8N2S	002882-20-4	9
2	2,5-Cyclohexadiene-1,4-dione, 2,...	140	C6H4O4	000615-94-1	9
3	2,5-Cyclohexadiene-1,4-dione, 2,...	140	C6H4O4	000615-94-1	9
4	Pyrazine, 2-methyl-3-(methylthio...	140	C6H8N2S	002882-20-4	9

NO GOOD MATCH





Library Search Compound Report

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Acq On : 1 Feb 2002 1:04 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 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

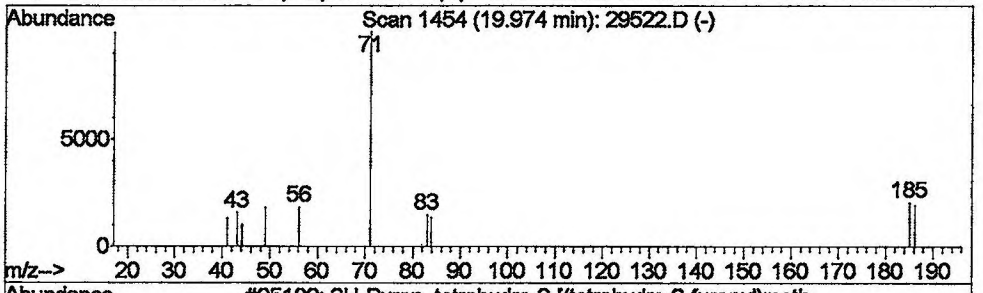
****

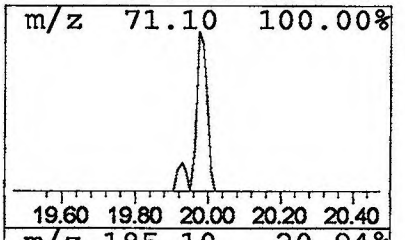
Peak Number 9 2H-Pyran, tetrahydro-2-[(te... Concentration Rank 12

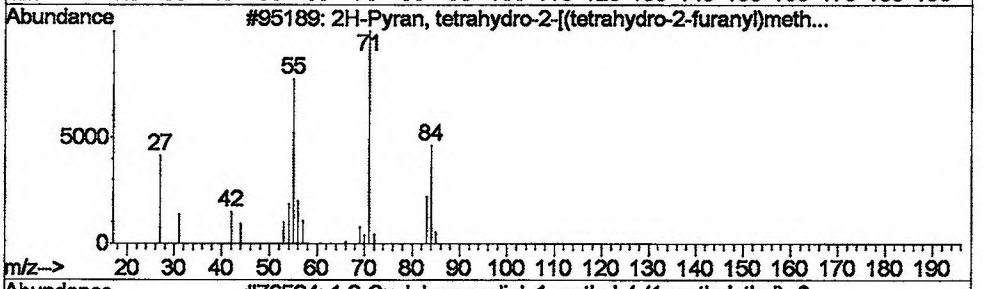
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	0.04 ug/L	24655	Acenaphthene-d10	18.34

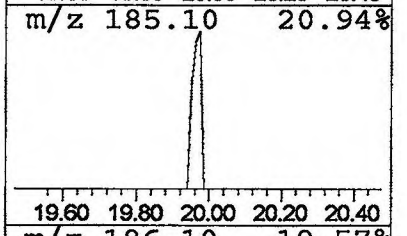
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-[(tetrahy...	186	C10H18O3	000710-14-5	9
2	1,2-Cyclohexanediol, 1-methyl-4-...	172	C10H20O2	033669-76-0	9
3	Butanoic acid, 2-ethylhexyl ester	200	C12H24O2	000000-00-0	9
4	Imidazole-2,4,5-d3 $$ 1H-Imidazo...	71	C3HD3N2	006745-43-3	4

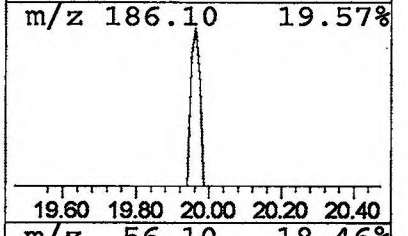
NO GOOD match

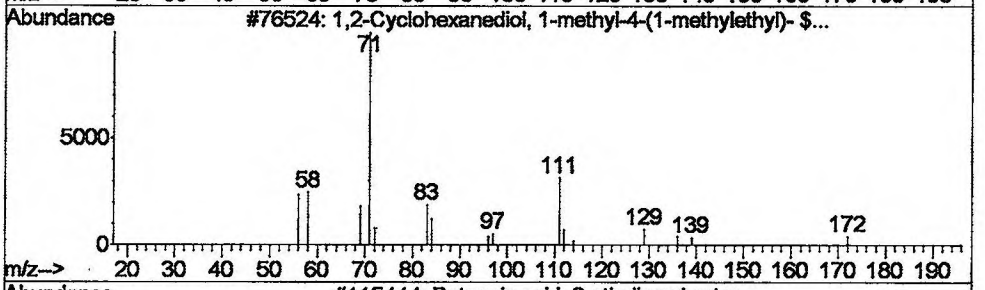


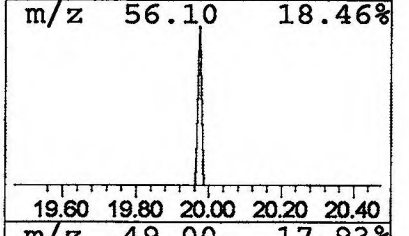


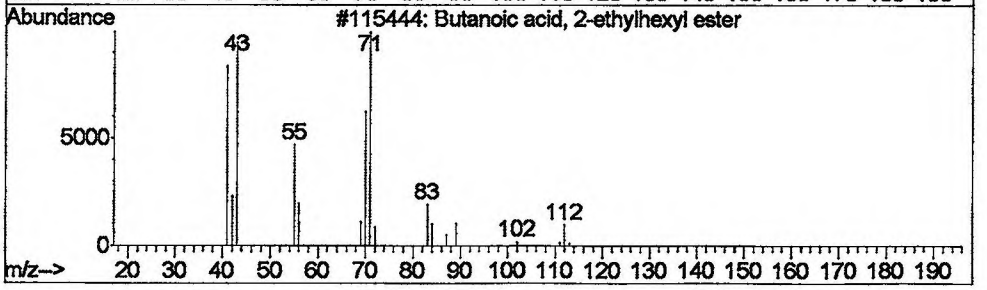


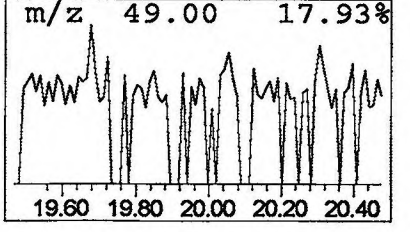












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\29522.D Vial: 4
Acq On : 1 Feb 2002 1:04 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

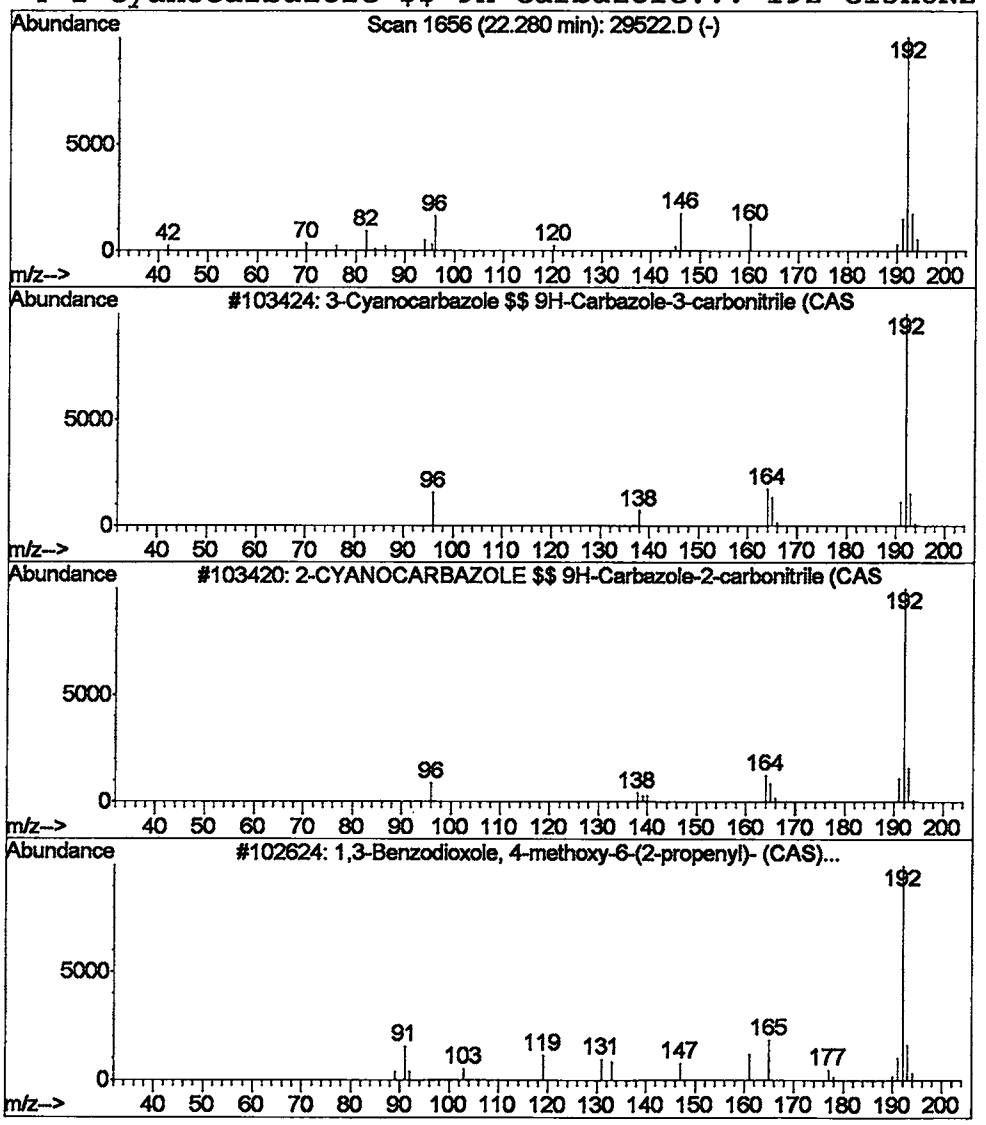
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

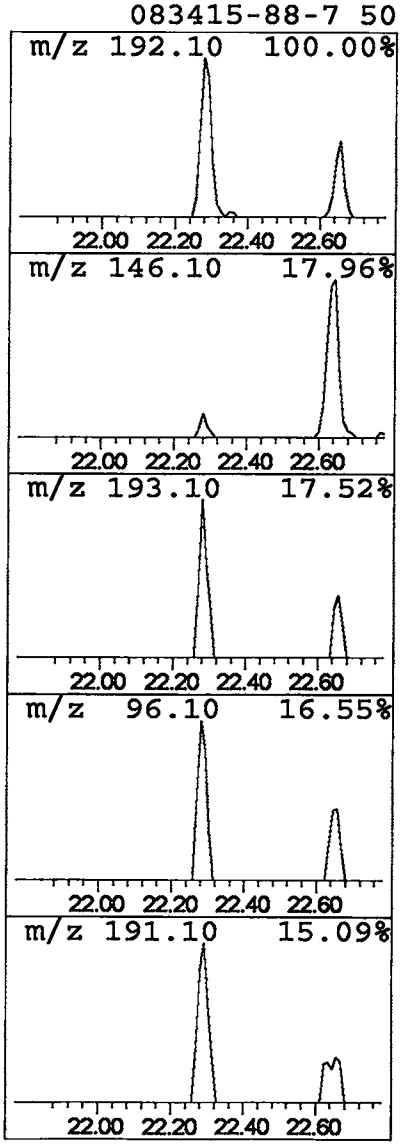
****

Peak Number 10 3-Cyanocarbazole $$ 9H-Carb... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.14 ug/L	98020	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	72
2	2-CYANOCARBAZOLE $$ 9H-Carbazole...	192	C13H8N2	057955-18-7	72
3	1,3-Benzodioxole, 4-methoxy-6-(2...	192	C11H12O3	000607-91-0	53
4	1-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	083415-88-7	50





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\29522.D Vial: 4
Acq On : 1 Feb 2002 1:04 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

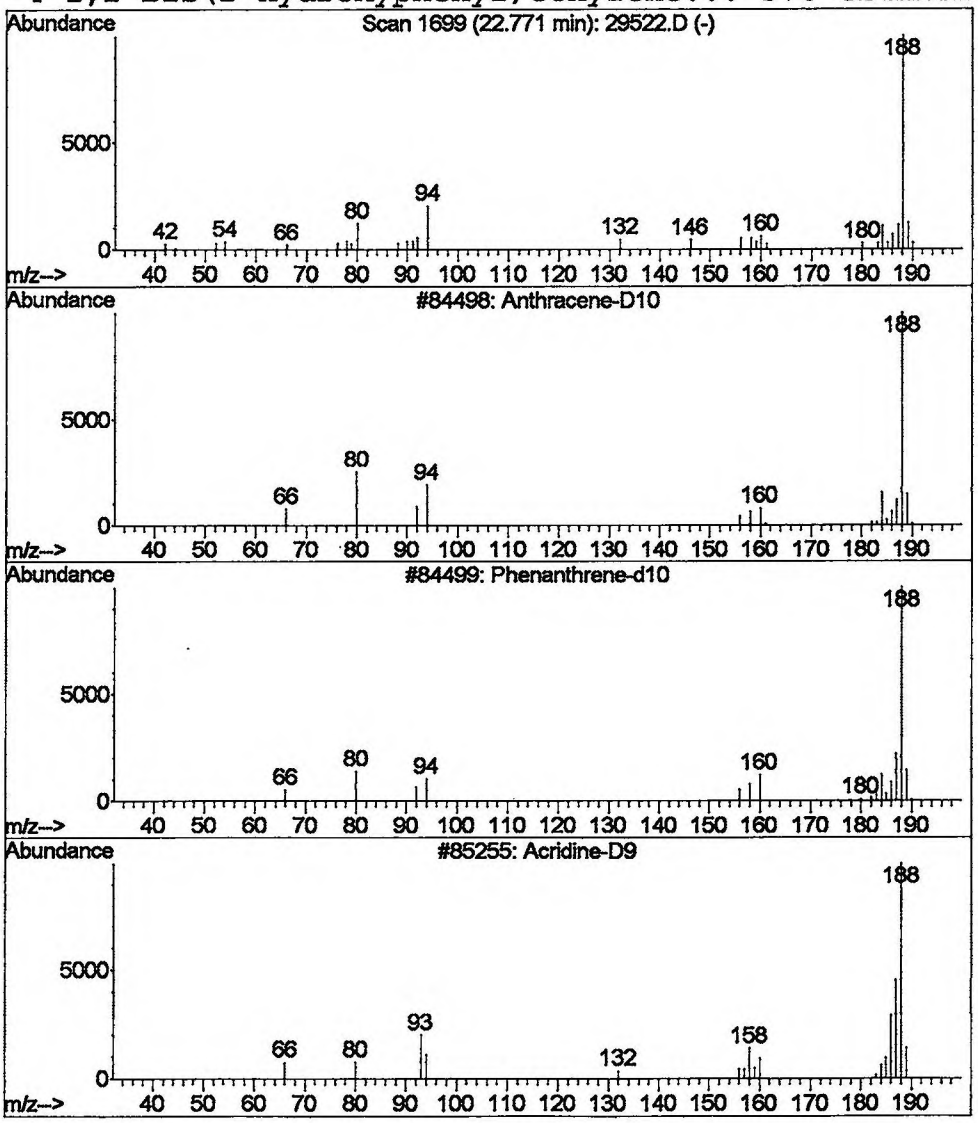
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

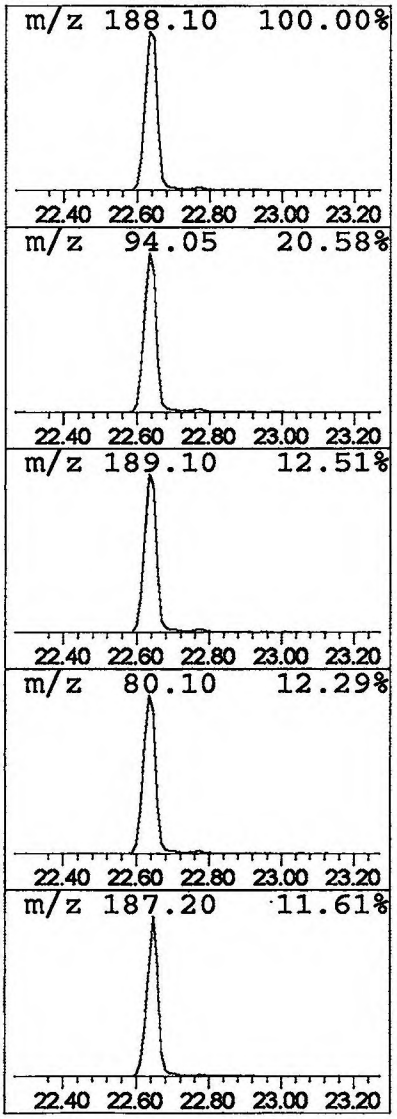
****

Peak Number 11 Anthracene-D10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.24 ug/L	161468	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-D10	188	C14D10	000000-00-0	80
2	Phenanthrene-d10	188	C14D10	001517-22-2	68
3	Acridine-D9	188	C13D9N	000000-00-0	64
4	1,2-Bis(2-hydroxyphenyl)ethylene...	376	C24H28N2O2	000000-00-0	59





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\29522.D Vial: 4
Acq On : 1 Feb 2002 1:04 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 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

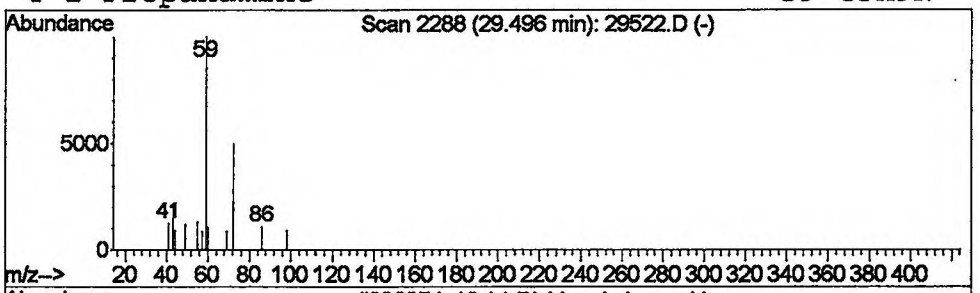
****

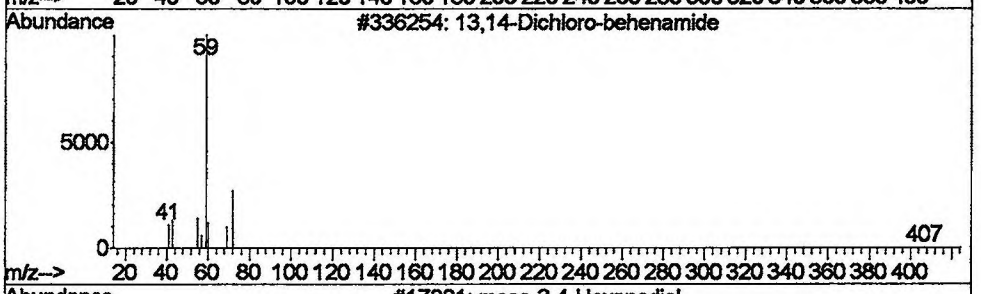
Peak Number 12 13,14-Dichloro-behenamide Concentration Rank 8

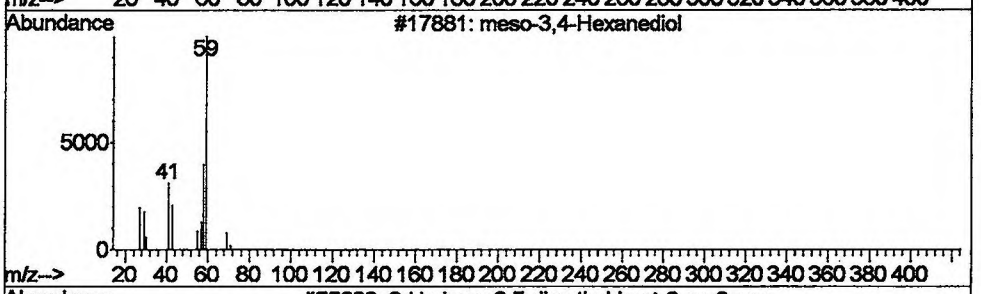
R.T.	EstConc	Area	Relative to ISTD	R.T.
29.50	0.06 ug/L	38889	Chrysene-d12	30.50

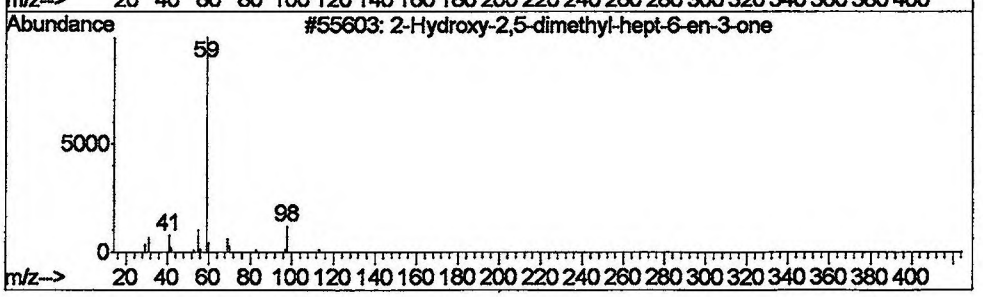
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13,14-Dichloro-behenamide	407	C22H43Cl2NO	000000-00-0	33
2	meso-3,4-Hexanediol	118	C6H14O2	022520-39-4	9
3	2-Hydroxy-2,5-dimethyl-hept-6-en...	156	C9H16O2	000000-00-0	9
4	1-Propanamine	59	C3H9N	000107-10-8	7

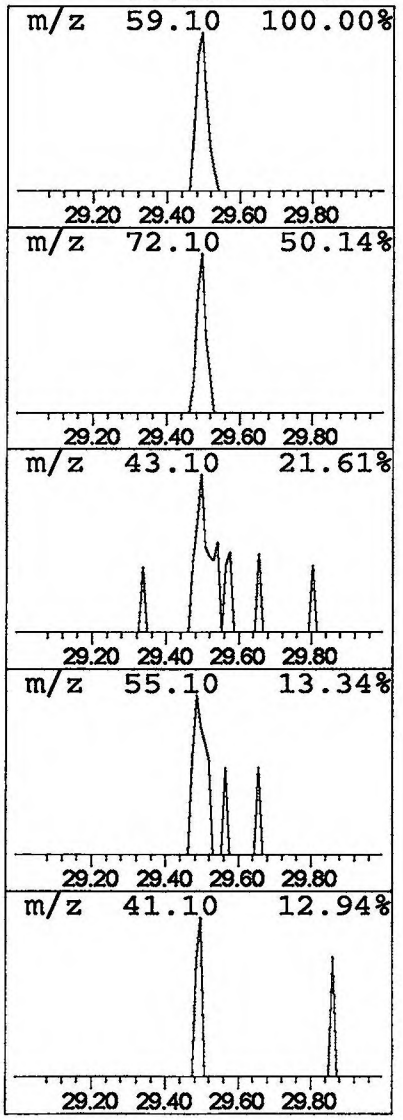
NO good matches











Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 Feb 2002 1:04 pm
Data File: C:\MSDCHEM\1\5973N\02FEB01\29522.D
Name: 508 scan
Misc: February 1, 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
Butanoic acid, me...	3.61	0.1	ug/L	53348	1	9.71	8487380	20.0
ISOBUTYRALDEHYDE,...	3.92	0.1	ug/L	29463	1	9.71	8487380	20.0
3-Pentanol, 2,4-d...	5.92	0.5	ug/L	195775	1	9.71	8487380	20.0
2-Propanol, 1-(2-...	9.86	0.1	ug/L	30865	1	9.71	8487380	20.0
Cyclopentasiloxan...	12.54	0.1	ug/L	67119	2	13.19	11976300	20.0
Disulfide, ethyl ...	13.37	0.0	ug/L	26241	2	13.19	11976300	20.0
Silane, [1,2,3-be...	15.62	0.0	ug/L	27364	2	13.19	11976300	20.0
2-METHYTHIO-3-MET...	16.55	0.0	ug/L	31444	3	18.34	12843100	20.0
2H-Pyran, tetrahy...	19.97	0.0	ug/L	24655	3	18.34	12843100	20.0
3-Cyanocarbazole ...	22.28	0.1	ug/L	98020	4	22.63	13562200	20.0
Anthracene-D10	22.77	0.2	ug/L	161468	4	22.63	13562200	20.0
13,14-Dichloro-be...	29.50	0.1	ug/L	38889	5	30.50	13117100	20.0