User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 01/10/2002 Time: 11:03:13

Sample: AE00276
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/10/02 10:53 Ended: 1/10/02 10:53 Analyst: WB
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		< MDL		
2	Surr_2,4-DDD		116		5.0

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN08\276.D Vial: 1
Acq On : 8 Jan 2002 5:26 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 09 12:51:22 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Wed Jan 09 12:49:14 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	1287537	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	5455463	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	2798320	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	4795643	20.00	ug/L	-0.02
38) Chrysene-d12	30.50	240	4495108	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	3403949	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	438323	5.78	ug/L	0.00
Spiked Amount 5.000			Recovery =	115.60%		
Target Compounds						Qvalue
2) N-nitroso-dimethylamine	3.60	74	12893	0.23	ug/L #	10
3) bis (2-Chloroethyl) ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'-oxybis (1-Chloropropa	0.00	45	0	N.D.		
8) N-nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis (2-Chloroethoxy) metha	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	0.00	128	0	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	18.34	163	454680	2.46	ug/L #	57
21) 2,6-Dinitrotoluene	18.34	165	352565	9.78	ug/L #	17
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	0.00	149	0	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzene	0.00	77	0	N.D.		
30) N-nitrosodiphenylamine	0.00	169	0	N.D.		
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) Phenanthrene	0.00	178	0	N.D.		
34) Anthracene	0.00	178	0	N.D.		

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN08\276.D Vial: 1
Acq On : 8 Jan 2002 5:26 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 09 12:51:22 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Wed Jan 09 12:49:14 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

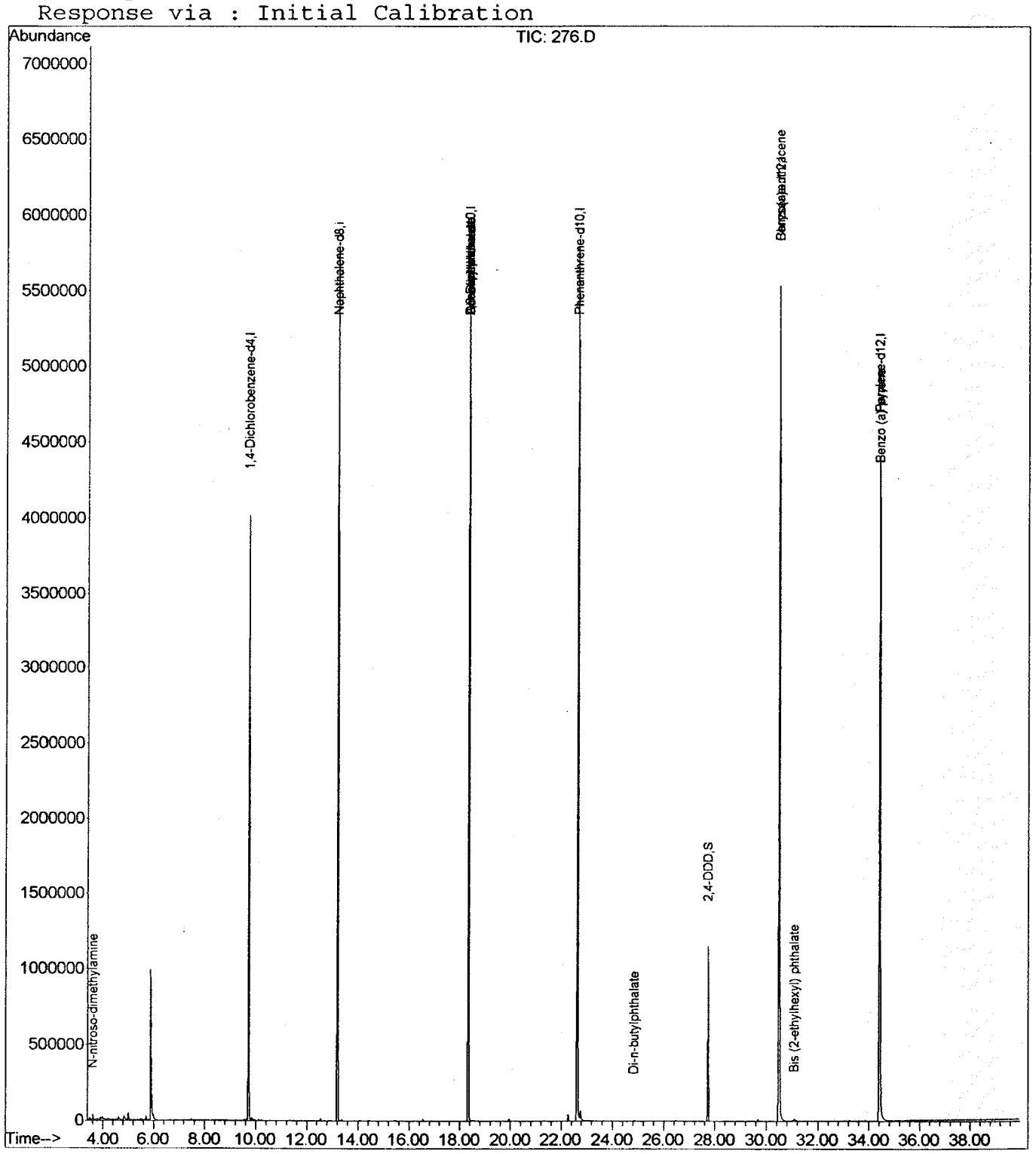
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Di-n-butylphthalate	24.85	149	9163	0.03 ug/L #	76
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	30.50	228	11103	0.04 ug/L #	76
42)	Bis (2-ethylhexyl) phthala	31.11	149	14365	0.61 ug/L	76
43)	Chrysene	30.50	228	11103	0.04 ug/L #	73
45)	Di-n-octylphthalate	0.00	149	0	N.D.	
46)	Benzo (b) fluoranthene	0.00	252	0	N.D.	
47)	Benzo (k) fluoranthene	0.00	252	0	N.D.	
48)	Benzo (a) pyrene	34.43	252	12979	0.06 ug/L #	1
49)	Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
50)	Dibenz (a,h) anthracene	0.00	278	0	N.D.	
51)	Benzo (g,h,i) perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration
276.D SCAN508.M Wed Jan 09 12:51:23 2002 Page 2

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN08\276.D Vial: 1
Acq On : 8 Jan 2002 5:26 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 9 12:51 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Wed Jan 09 12:49:14 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02JAN08\276.D Vial: 1
Acq On : 8 Jan 2002 5:26 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 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

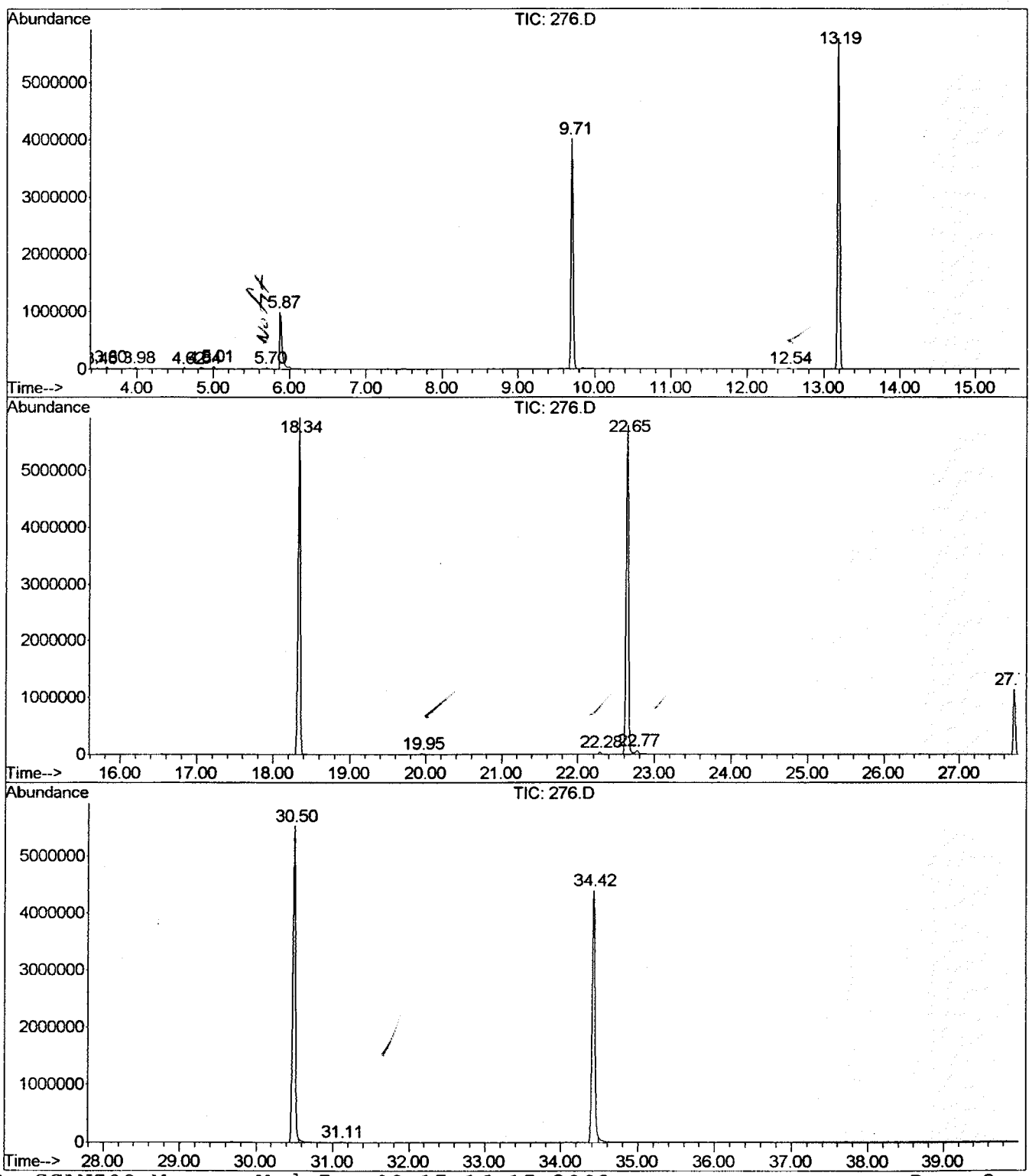
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.476	5	9	17	rVB	18251	36550	0.28%	0.051%
2	3.602	17	20	25	rBV	38532	59531	0.45%	0.083%
3	3.979	49	53	57	rVV3	17702	34676	0.26%	0.049%
4	4.618	107	109	125	rVV2	20525	48791	0.37%	0.068%
5	4.835	125	128	139	rVV2	28108	84782	0.64%	0.119%
6	5.006	139	143	149	rVB	47028	80862	0.62%	0.113%
7	5.703	201	204	209	rVV	27369	43682	0.33%	0.061%
8	5.874	217	219	245	rBV	989765	2208653	16.80%	3.089%
9	9.710	551	555	561	rVV	4016027	7319563	55.68%	10.238%
10	12.542	799	803	813	rVB	19740	38478	0.29%	0.054%
11	13.192	855	860	865	rBV	5760950	10484526	79.75%	14.665%
12	18.341	1305	1311	1315	rBV	5930510	11446829	87.07%	16.011%
13	19.951	1447	1452	1457	rVV2	17943	46086	0.35%	0.064%
14	22.280	1653	1656	1661	rBV2	45379	85354	0.65%	0.119%
15	22.645	1681	1688	1693	rBV2	5793174	12672564	96.39%	17.726%
16	22.771	1695	1699	1711	rVB2	66844	189396	1.44%	0.265%
17	27.726	2129	2133	2139	rBV	1151239	2133983	16.23%	2.985%
18	30.500	2369	2376	2381	rBV2	5532271	13146849	100.00%	18.389%
19	31.105	2427	2429	2437	rVB3	18259	48170	0.37%	0.067%
20	34.416	2713	2719	2725	rBV2	4396366	11282379	85.82%	15.781%

Sum of corrected areas: 71491704

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN08\276.D
Operator :
Acquired : 8 Jan 2002 5:26 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508scan
Misc Info : January 8, 2002
Vial Number: 1
Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN08\276.D Vial: 1
Acq On : 8 Jan 2002 5:26 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

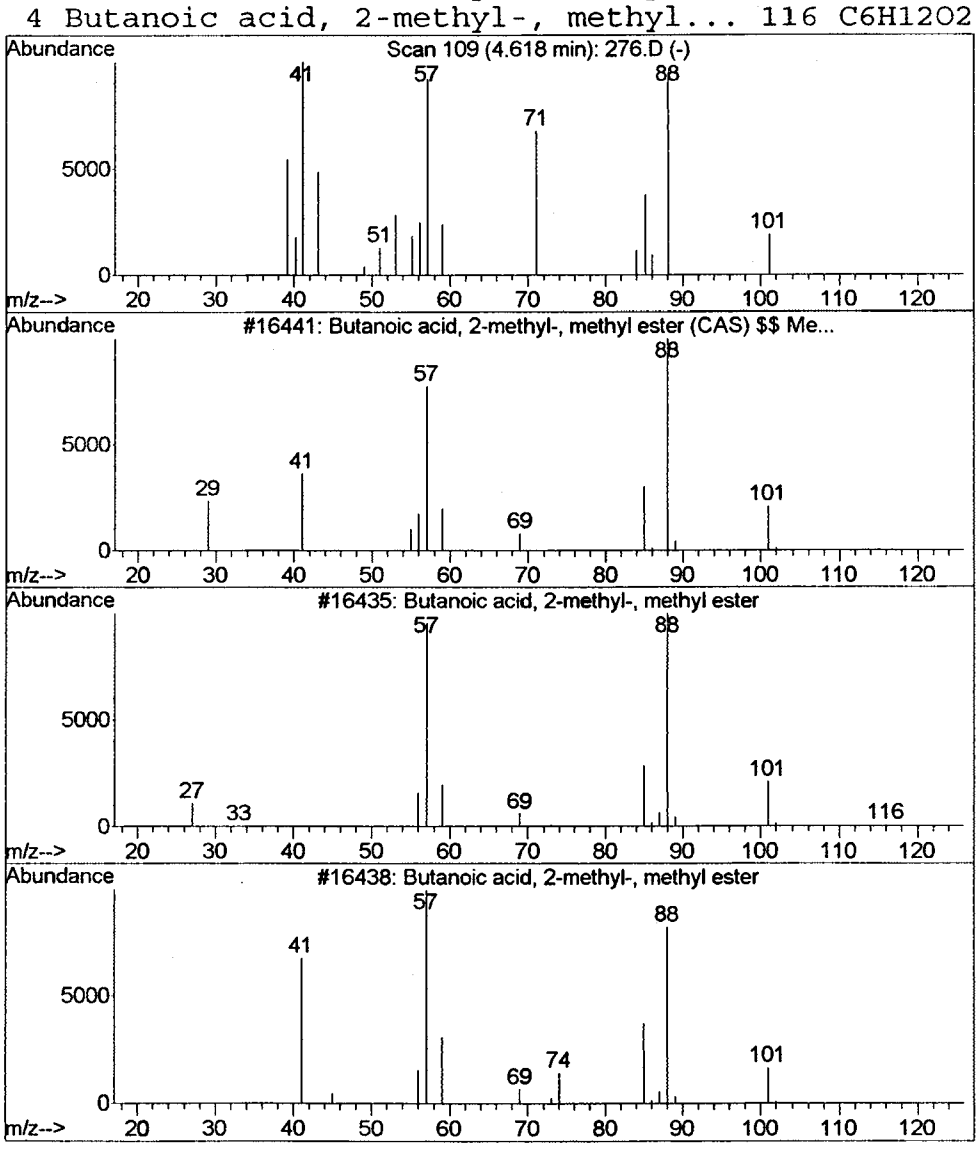
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

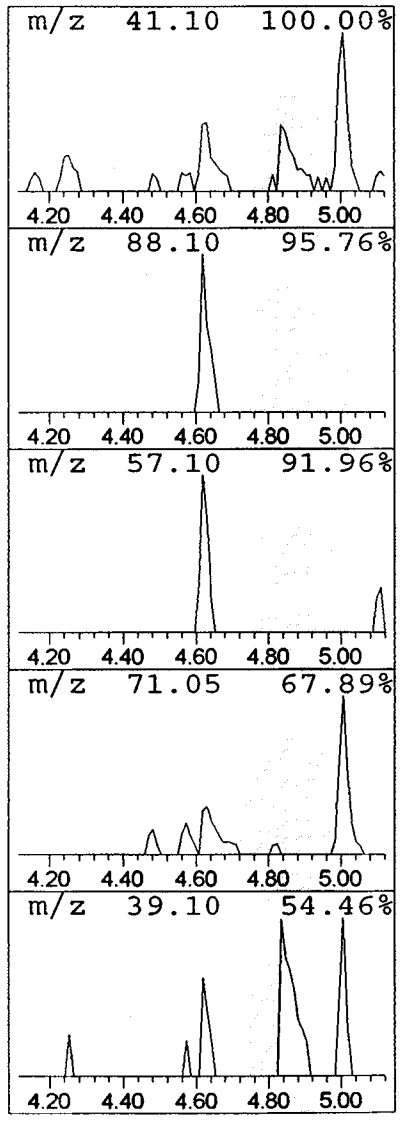
****

Peak Number 1 Butanoic acid, 2-methyl-, m... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	0.13 ug/L	48791	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	50
2	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	50
3	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	50
4	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	50





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN08\276.D Vial: 1
Acq On : 8 Jan 2002 5:26 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 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

SEEN IN B1.

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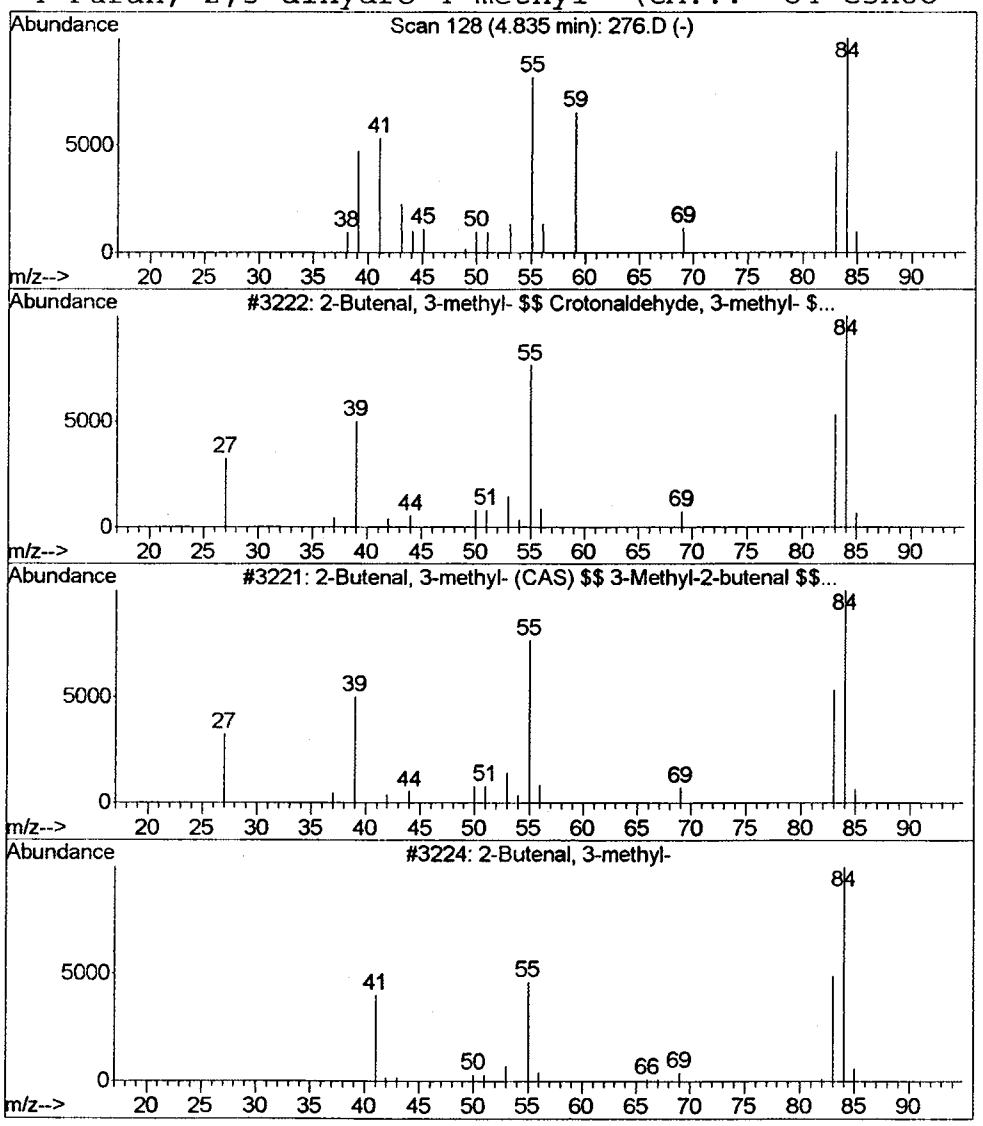
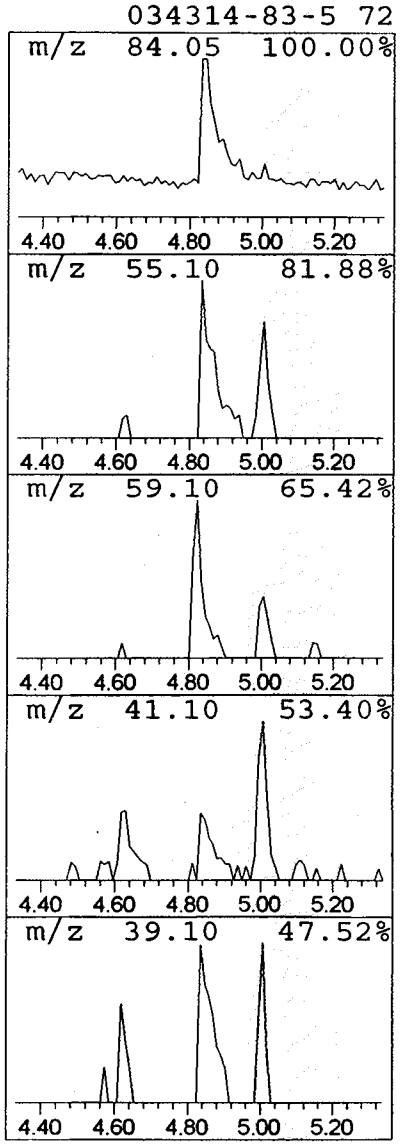
Peak Number 2 2-Butenal, 3-methyl- $$ Cro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	0.23 ug/L	84782	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl- $$ Crotonal...	84	C5H8O	000107-86-8	87
2	2-Butenal, 3-methyl- (CAS) $$ 3-...	84	C5H8O	000107-86-8	87
3	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	81
4	Furan, 2,3-dihydro-4-methyl- (CA...	84	C5H8O	034314-83-5	72





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN08\276.D Vial: 1
Acq On : 8 Jan 2002 5:26 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 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

SEEN IJ BL.

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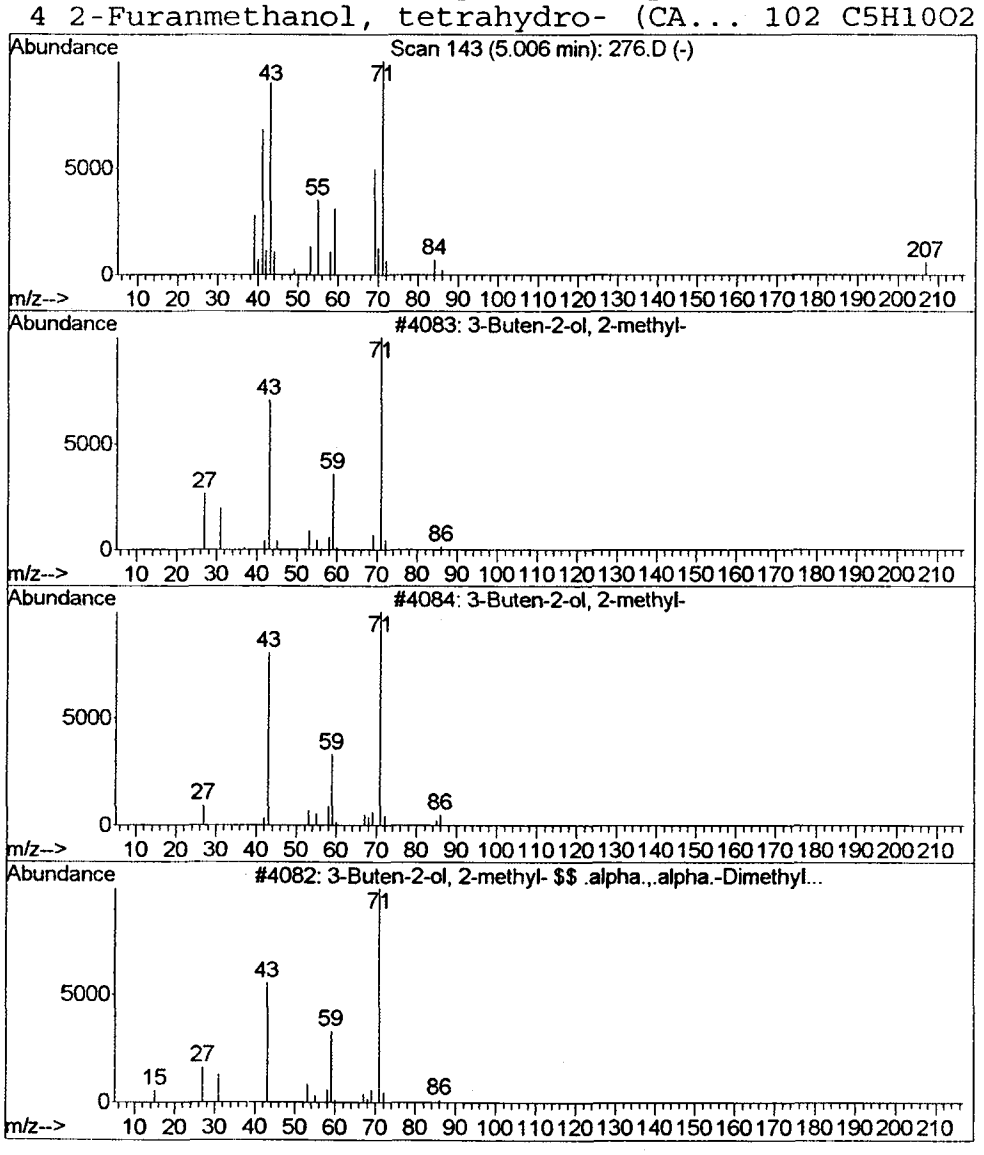
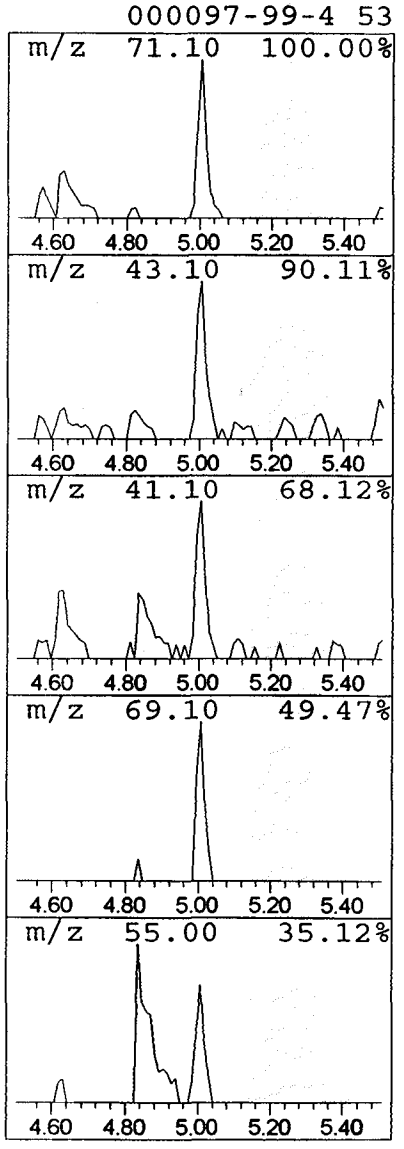
Peak Number 3 3-Buten-2-ol, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	0.22 ug/L	80862	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	72
2	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	64
3	3-Buten-2-ol, 2-methyl- $$ .alph...	86	C5H10O	000115-18-4	64
4	2-Furanmethanol, tetrahydro- (CA...	102	C5H10O2	000097-99-4	53





Library Search Compound Report

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Acq On : 8 Jan 2002 5:26 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

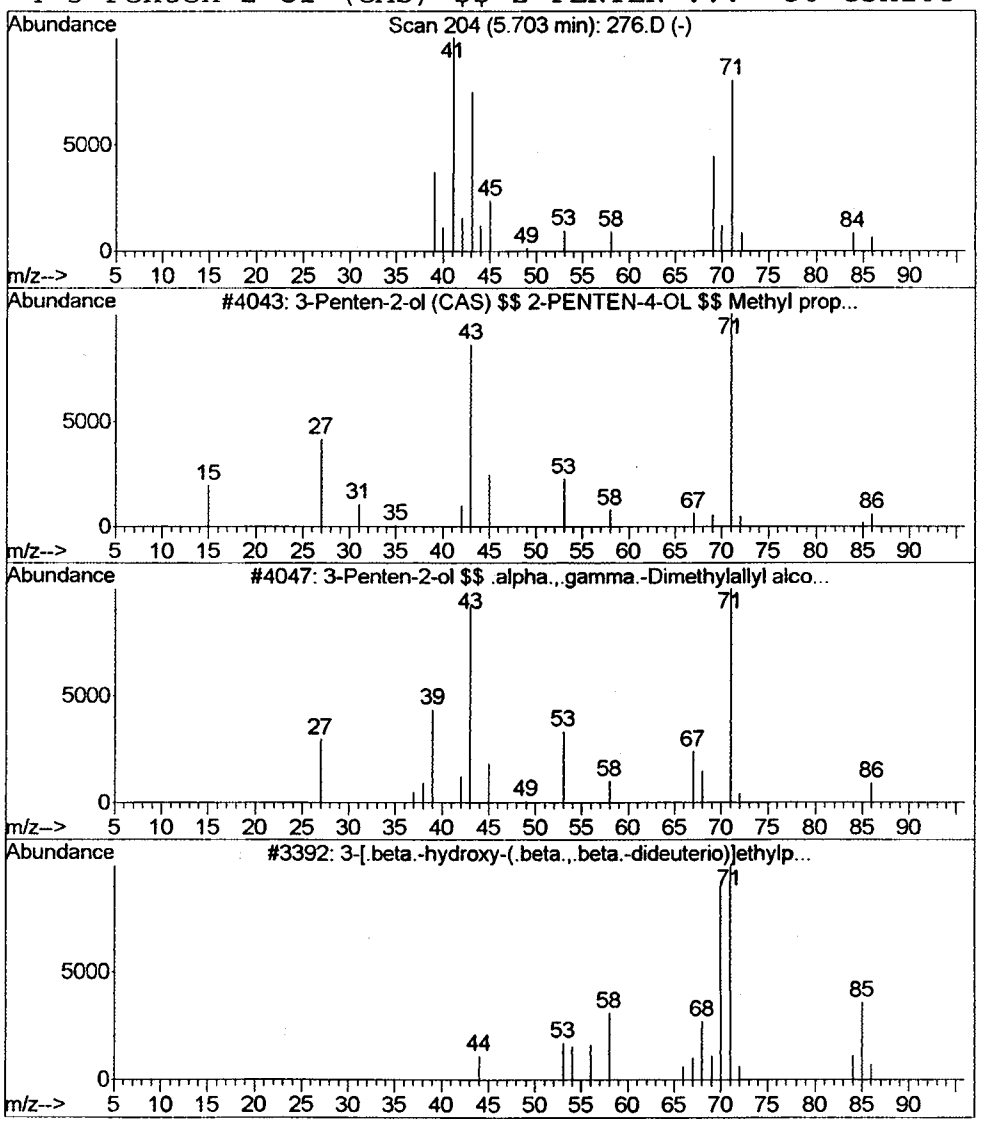
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

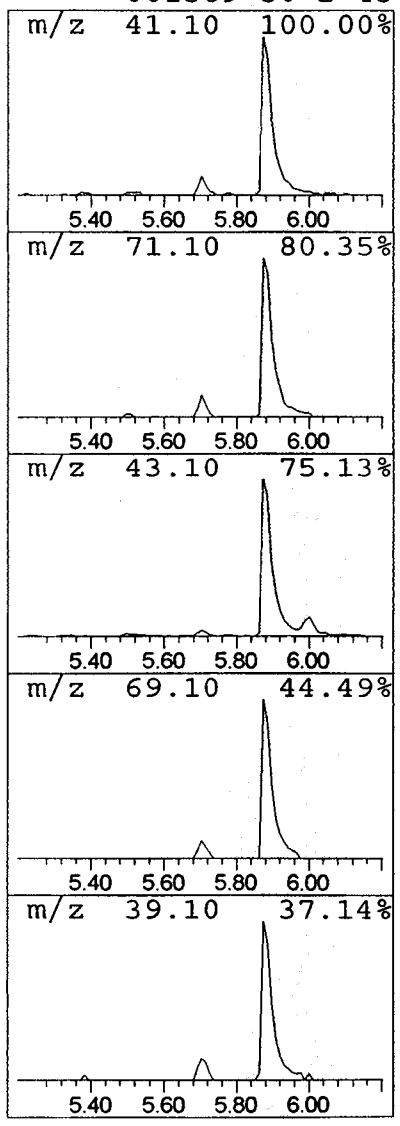
****

Peak Number 4 3-Penten-2-ol (CAS) $$ 2-PE... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	0.12 ug/L	43682	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-ol (CAS) $$ 2-PENTEN-...	86	C5H10O	001569-50-2	64
2	3-Penten-2-ol $$ .alpha.,.gamma....	86	C5H10O	001569-50-2	53
3	3-[.beta.-hydroxy-(.beta.,.beta....	86	C5H6D2O	005557-87-9	53
4	3-Penten-2-ol (CAS) $$ 2-PENTEN-...	86	C5H10O	001569-50-2	45





Library Search Compound Report

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Acq On : 8 Jan 2002 5:26 pm Operator:
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MS Integration Params: LSCINT.P

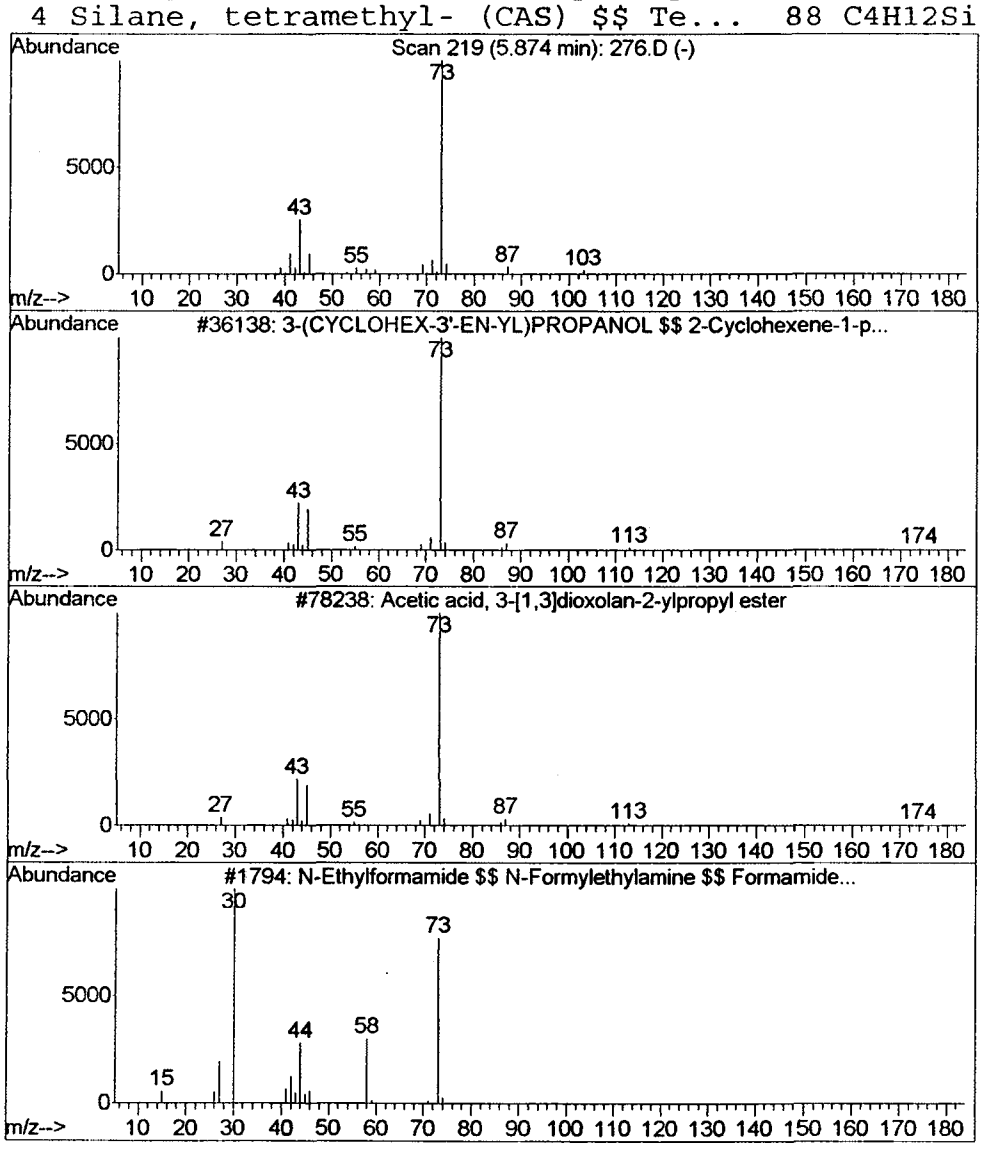
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

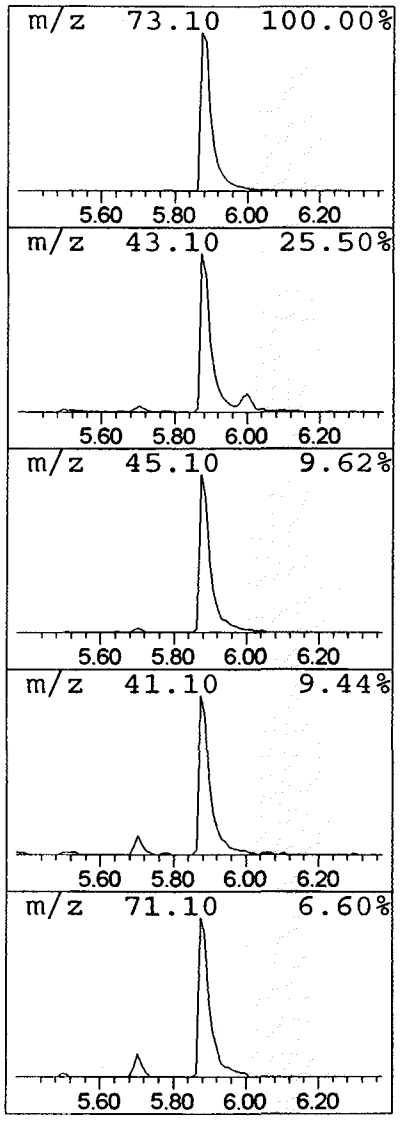
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	6.03 ug/L	2208650	1,4-Dichlorobenzene-d4	9.71

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





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN08\276.D Vial: 1
Acq On : 8 Jan 2002 5:26 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

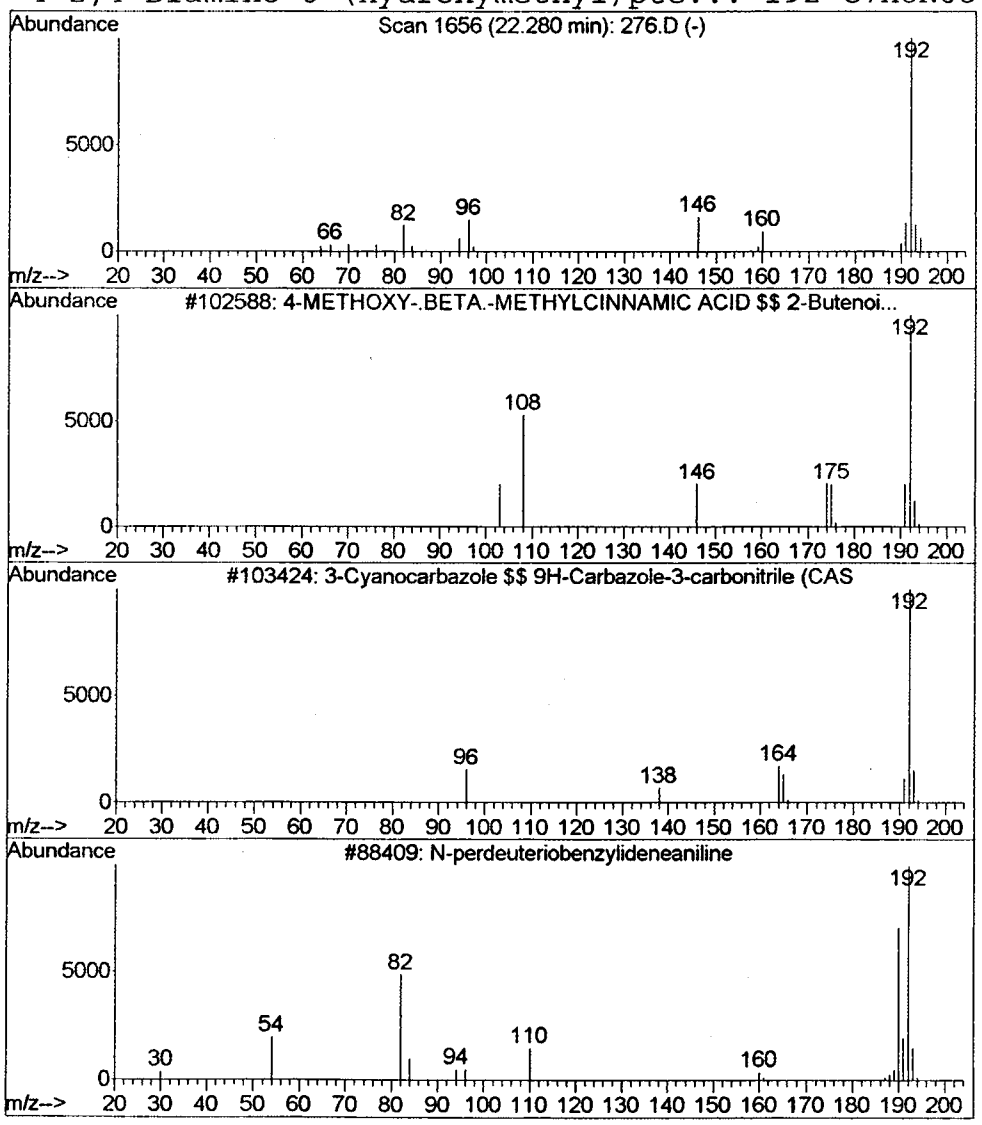
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

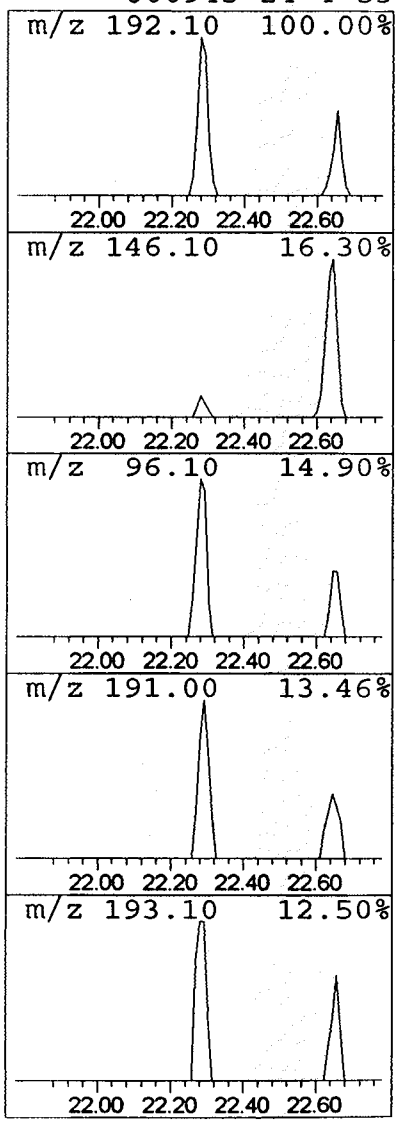
****

Peak Number 6 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.13 ug/L	85354	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	59
3	N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	58
4	2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	53





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN08\276.D Vial: 1
Acq On : 8 Jan 2002 5:26 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

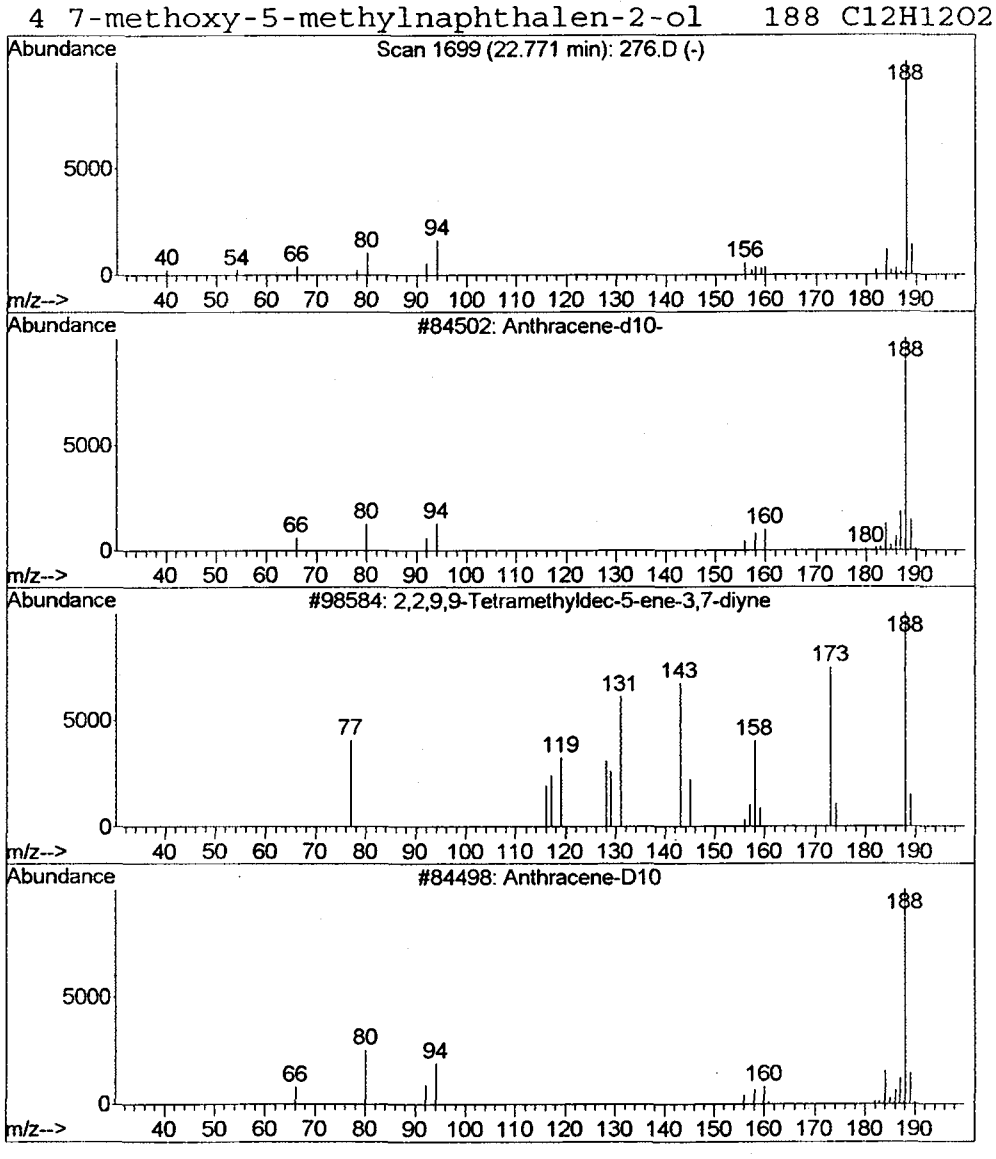
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

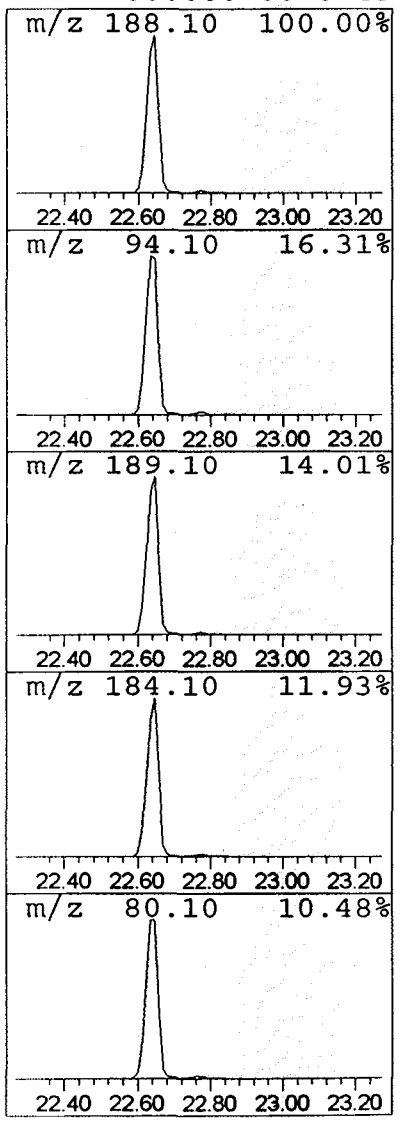
****

Peak Number 7 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.30 ug/L	189396	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	86
2	2,2,9,9-Tetramethyldec-5-ene-3,7...	188	C14H20	102745-35-7	47
3	Anthracene-D10	188	C14D10	000000-00-0	45
4	7-methoxy-5-methylnaphthalen-2-ol	188	C12H12O2	000000-00-0	45





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 8 Jan 2002 5:26 pm
Data File: C:\MSDCHEM\1\5973N\02JAN08\276.D
Name: 508scan
Misc: January 8, 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, 2-...	4.62	0.1	ug/L	48791	1	9.71	7319560	20.0
2-Butenal, 3-meth...	4.84	0.2	ug/L	84782	1	9.71	7319560	20.0
3-Buten-2-ol, 2-m...	5.01	0.2	ug/L	80862	1	9.71	7319560	20.0
3-Penten-2-ol (CA...	5.70	0.1	ug/L	43682	1	9.71	7319560	20.0
3-(CYCLOHEX-3'-EN...	5.87	6.0	ug/L	2208650	1	9.71	7319560	20.0
4-METHOXY-.BETA.-...	22.28	0.1	ug/L	85354	4	22.65	12672600	20.0
Anthracene-d10	22.77	0.3	ug/L	189396	4	22.65	12672600	20.0

Comments for Sample AE00276 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-10-2002 Time: 17:29:14

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 12 of the 43 compounds in the LCS Standard were above their acceptance ranges.