User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/24/2002 Time: 11:34:50

Sample: AE00462
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/24/02 11:33 Ended: 1/24/02 11:33 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		83		5.0

Comments for Sample AE00462 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-24-2002 Time: 11:33:47

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 31 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN11\00462.D Vial: 4
Acq On : 11 Jan 2002 4:36 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 14 10:32:33 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

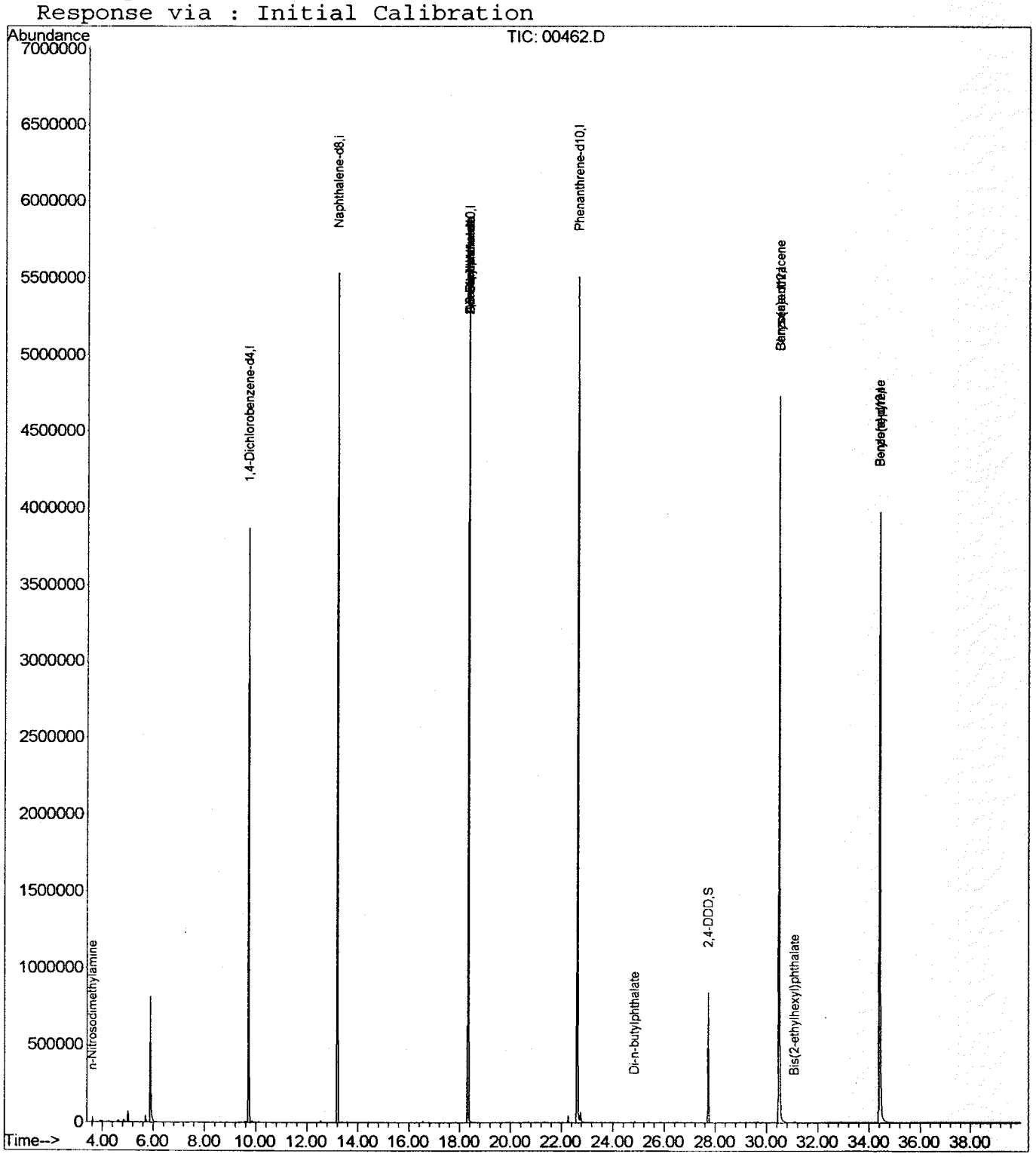
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.71	152	1309678	20.00	ug/L	-0.01
10) Naphthalene-d8	13.19	136	5573566	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	2830418	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	4627375	20.00	ug/L	-0.02
38) Chrysene-d12	30.50	240	3998763	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	3012319	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	302345	4.13	ug/L	0.00
Spiked Amount 5.000			Recovery = 82.60%			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	3.61	74	11584	0.21	ug/L #	8
20) Dimethylphthalate	18.34	163	454363	2.43	ug/L #	56
21) 2,6-Dinitrotoluene	18.34	165	360100	9.88	ug/L #	17
35) Di-n-butylphthalate	24.85	149	15154	0.05	ug/L	94
41) Benzo(a)anthracene	30.50	228	9449	0.04	ug/L #	53
42) Bis(2-ethylhexyl)phthalate	31.10	149	9355	0.60	ug/L	90
43) Chrysene	30.50	228	9449	0.04	ug/L #	50
48) Benzo(a)pyrene	34.42	252	11635	0.06	ug/L #	1

(#) = qualifier out of range (m) = manual integration
00462.D SCAN508.M Mon Jan 14 10:32:34 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN11\00462.D Vial: 4
Acq On : 11 Jan 2002 4:36 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 14 10:32 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\02JAN11\00462.D Vial: 4
Acq On : 11 Jan 2002 4:36 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 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

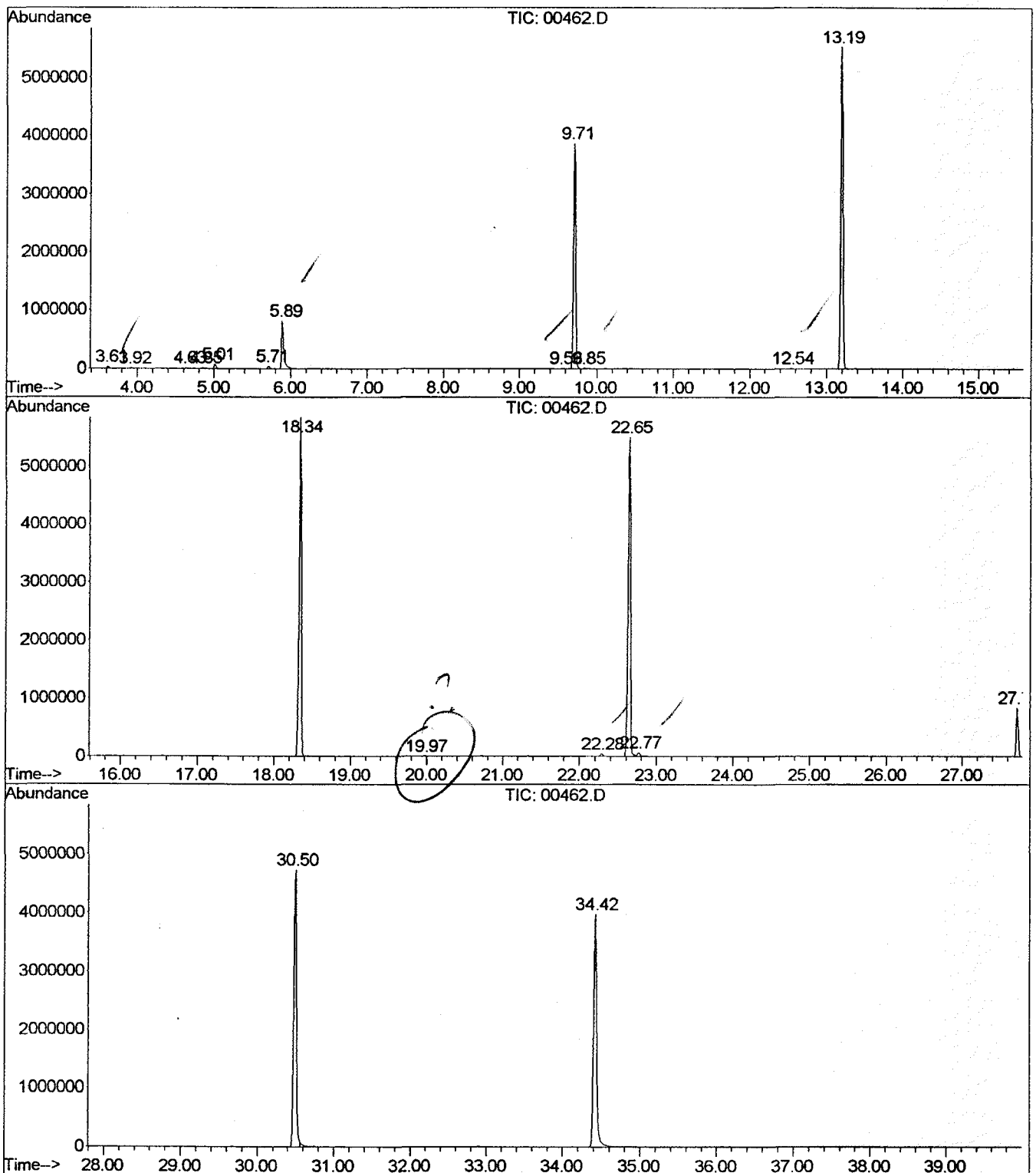
Signal : TIC

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	35469	49965	0.41%	0.074%
2	3.921	43	48	53	rVB	15244	23809	0.19%	0.035%
3	4.629	107	110	119	rVB	16056	33980	0.28%	0.050%
4	4.846	125	129	141	rBV2	17778	57438	0.47%	0.085%
5	5.006	141	143	149	rBV	74017	127017	1.04%	0.188%
6	5.714	201	205	209	rVB	47753	83354	0.68%	0.123%
7	5.885	217	220	241	rVV	815122	1568583	12.82%	2.321%
8	9.561	539	542	547	rVV2	9207	26370	0.22%	0.039%
9	9.710	551	555	561	rVV	3872395	7453610	60.93%	11.029%
10	9.847	561	567	575	rVV2	13993	50915	0.42%	0.075%
11	12.541	799	803	807	rVB	16131	24937	0.20%	0.037%
12	13.192	855	860	865	rBV	5531235	10703502	87.50%	15.837%
13	18.341	1305	1311	1315	rBV	5847158	11497589	93.99%	17.012%
14	19.973	1445	1454	1459	rVV3	4837	23551	0.19%	0.035%
15	22.280	1651	1656	1661	rBV	48849	89182	0.73%	0.132%
16	22.645	1681	1688	1693	rBV	5508383	12232880	100.00%	18.100%
17	22.771	1695	1699	1715	rVB	69205	188064	1.54%	0.278%
18	27.726	2129	2133	2139	rBV	839709	1502991	12.29%	2.224%
19	30.500	2369	2376	2381	rBV	4732135	11652154	95.25%	17.241%
20	34.416	2713	2719	2747	rBV	3973560	10194806	83.34%	15.084%

Sum of corrected areas: 67584697

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN11\00462.D
Operator :
Acquired : 11 Jan 2002 4:36 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : January 11, 2002
Vial Number: 4
Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN11\00462.D Vial: 4
Acq On : 11 Jan 2002 4:36 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

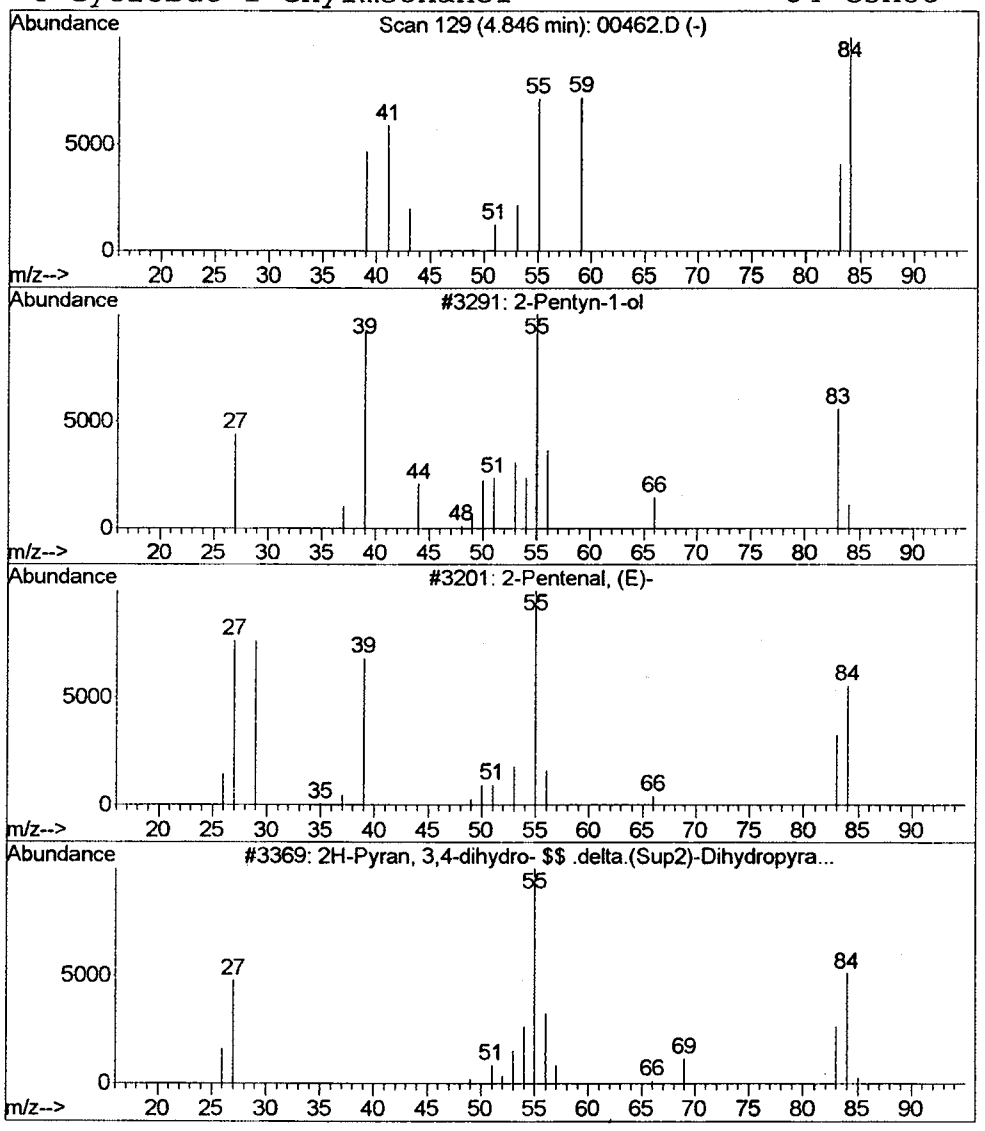
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

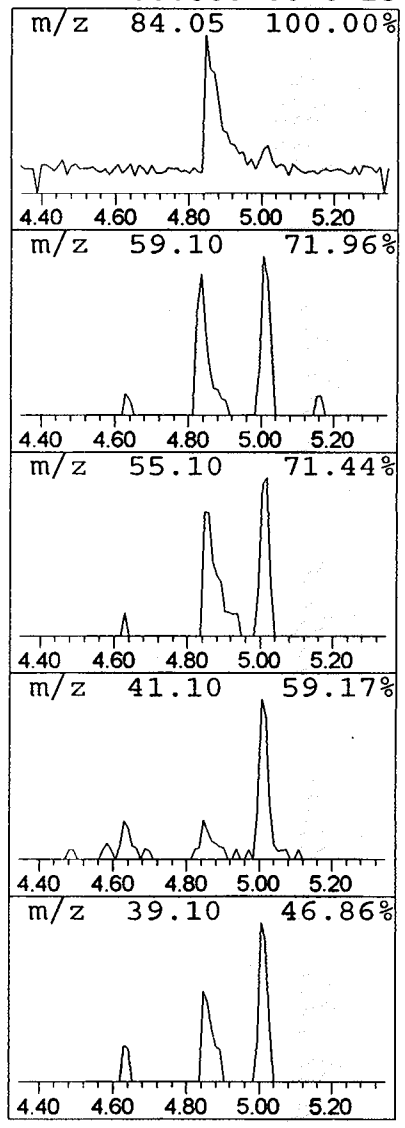
****

Peak Number 1 2-Pentyn-1-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	0.15 ug/L	57438	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentyn-1-ol	84	C5H8O	006261-22-9	32
2	2-Pentenal, (E)-	84	C5H8O	001576-87-0	28
3	2H-Pyran, 3,4-dihydro- $$ .delta...	84	C5H8O	000110-87-2	28
4	Cyclobut-1-enylmethanol	84	C5H8O	000000-00-0	23





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN11\00462.D Vial: 4
Acq On : 11 Jan 2002 4:36 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

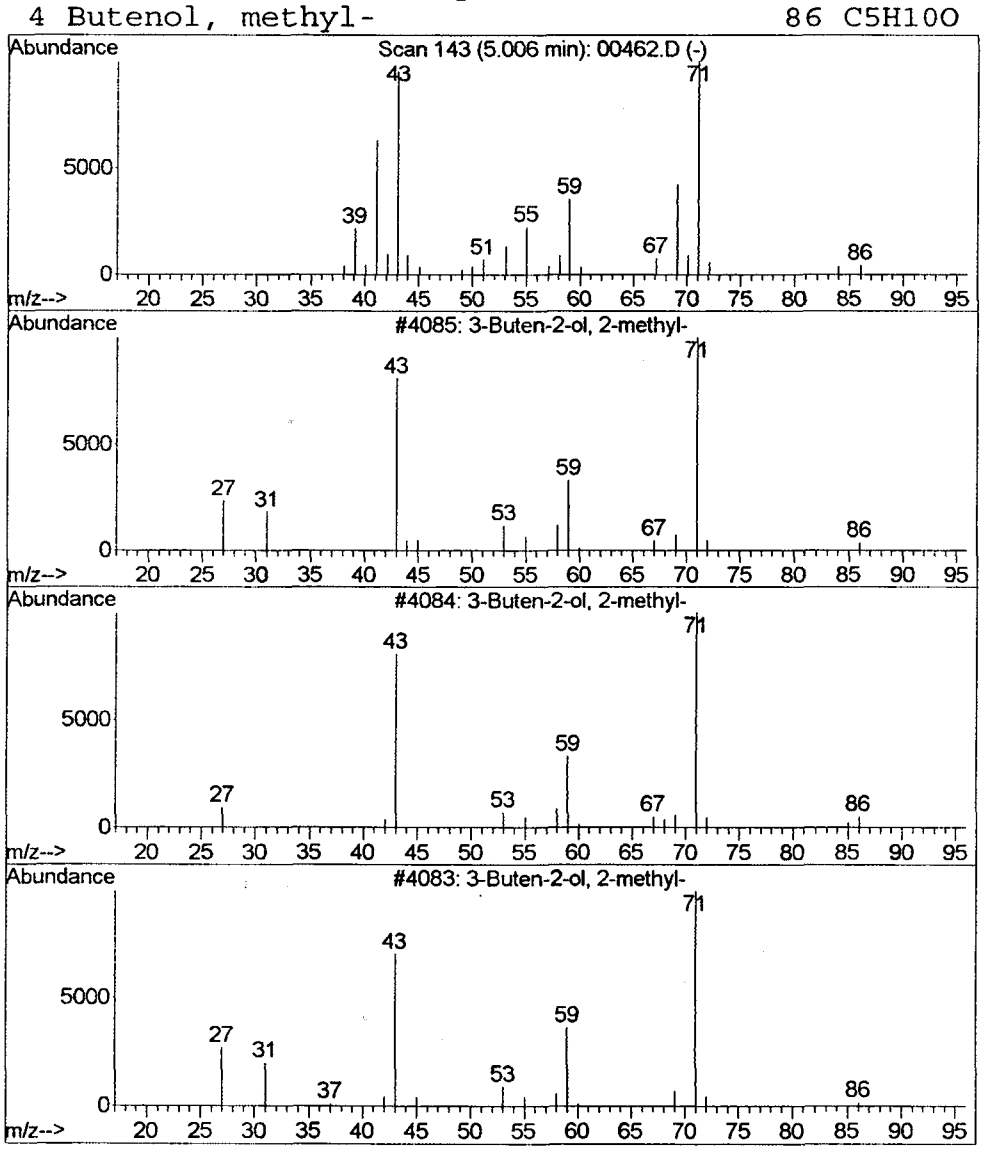
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

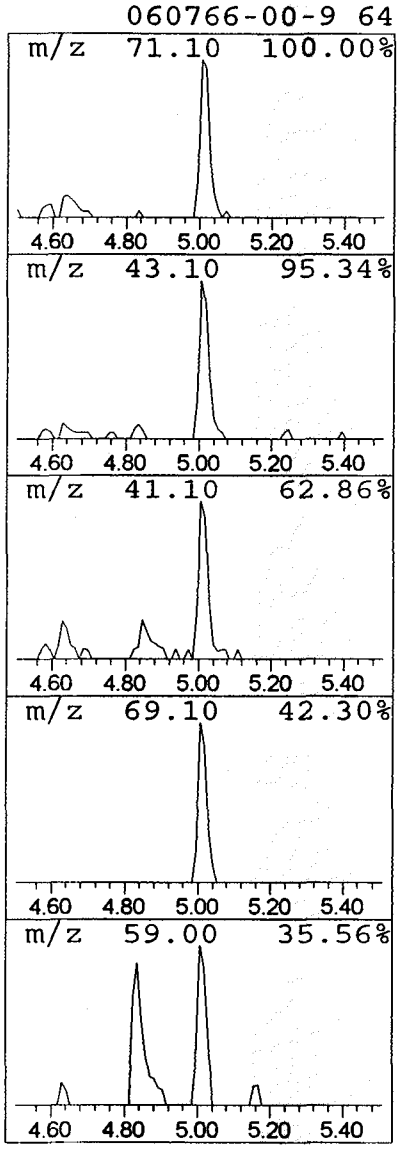
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	0.34 ug/L	127017	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	72
3	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	72
4	Butenol, methyl-	86	C5H10O	060766-00-9	64





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN11\00462.D Vial: 4
Acq On : 11 Jan 2002 4:36 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

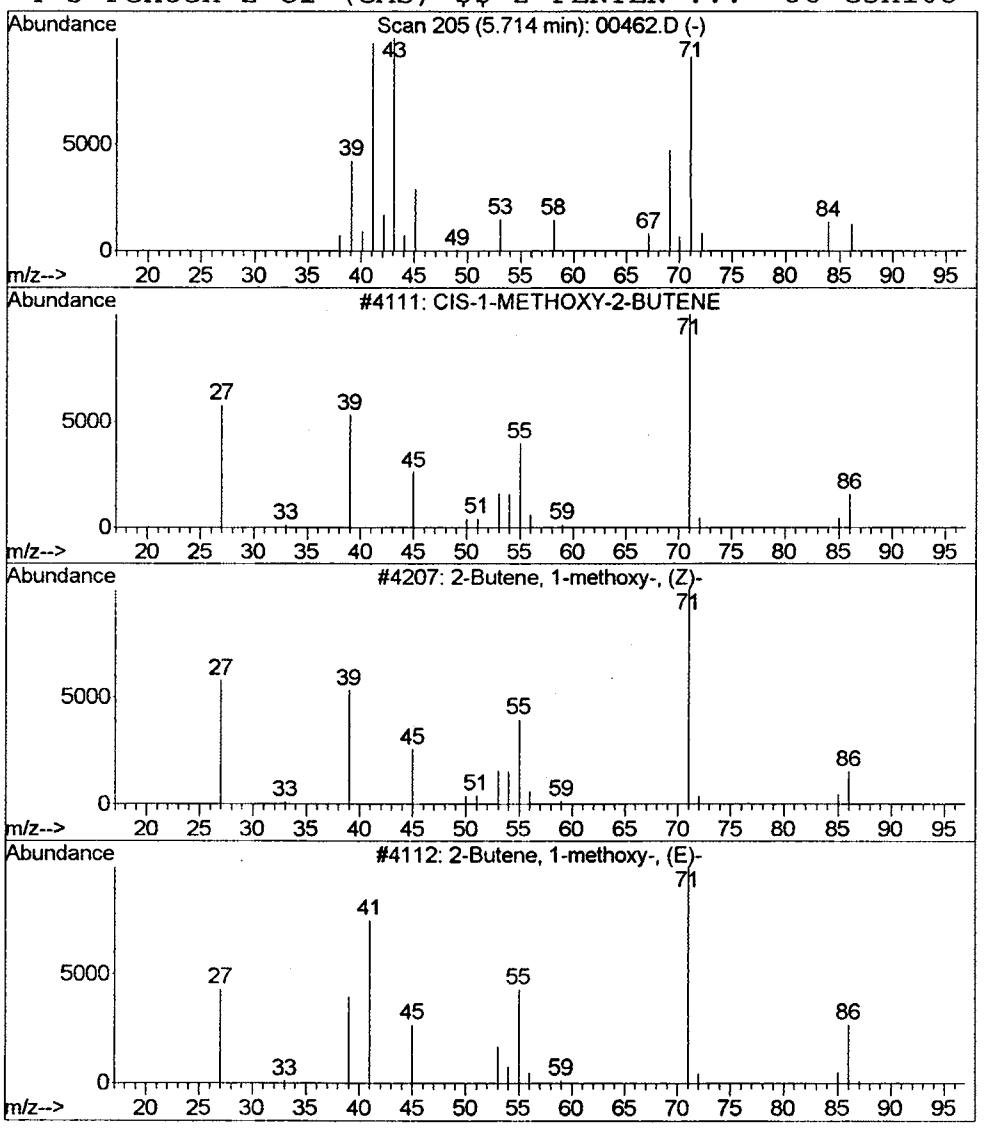
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

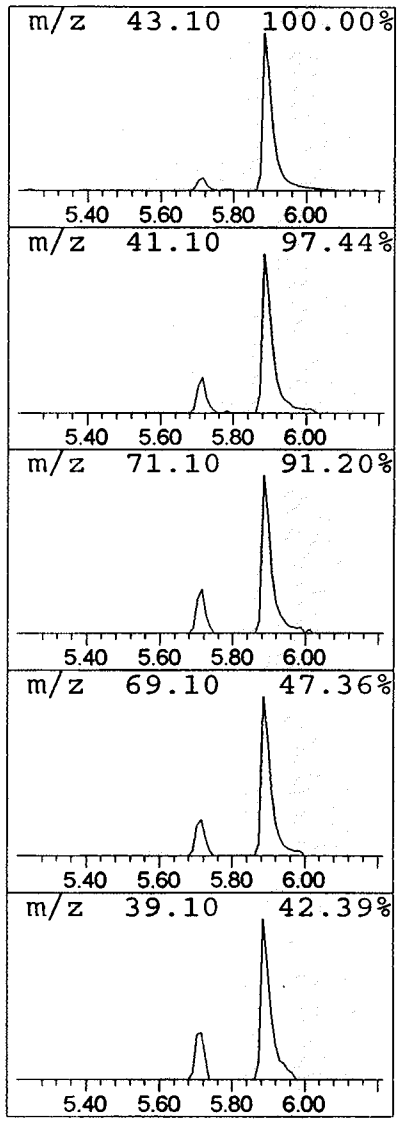
****

Peak Number 3 CIS-1-METHOXY-2-BUTENE Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.71	0.22 ug/L	83354	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	59 NO
2	2-Butene, 1-methoxy-, (Z)-	86	C5H10O	010034-16-9	59 GOOD
3	2-Butene, 1-methoxy-, (E)-	86	C5H10O	010034-14-7	59 MATCH
4	3-Penten-2-ol (CAS) $$ 2-PENTEN-...	86	C5H10O	001569-50-2	53





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN11\00462.D Vial: 4
Acq On : 11 Jan 2002 4:36 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

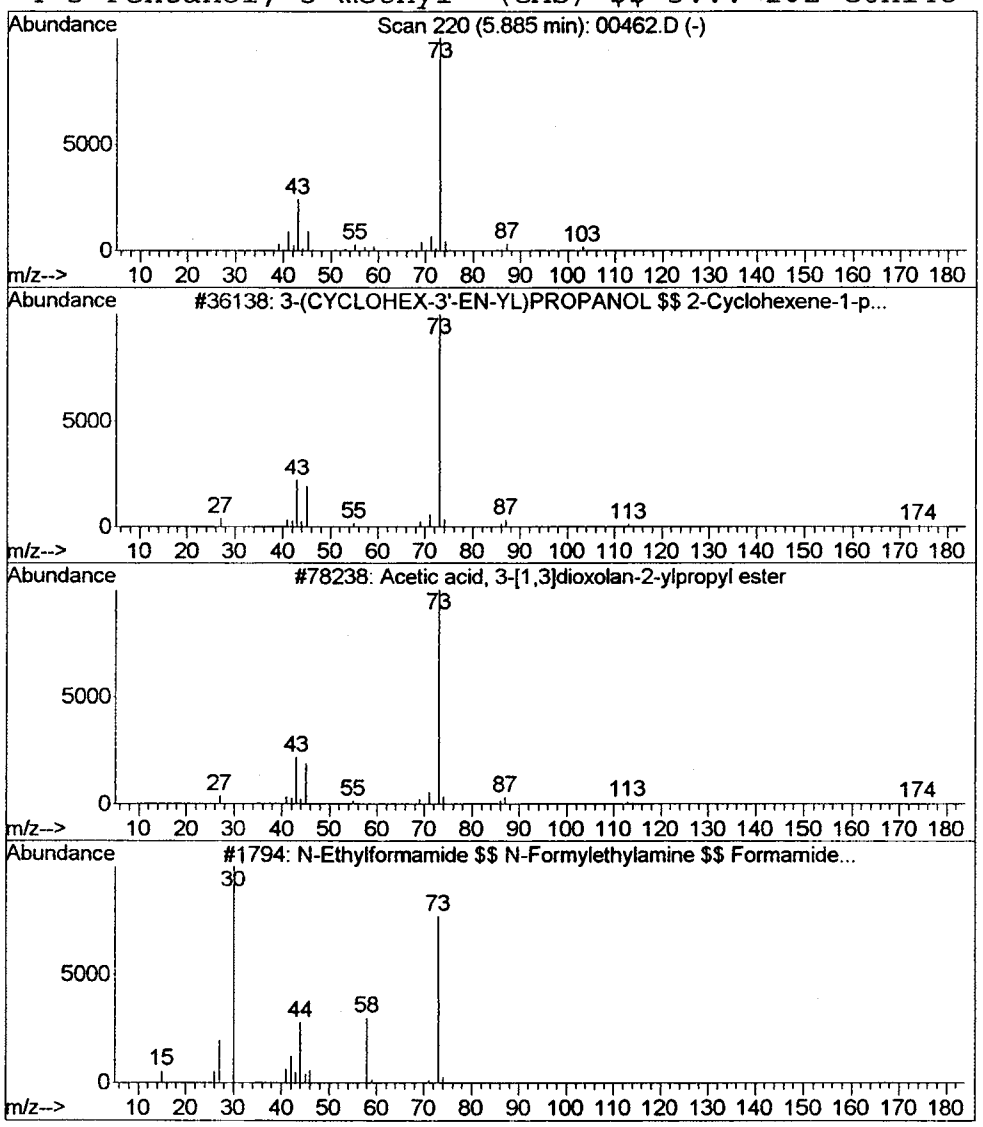
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

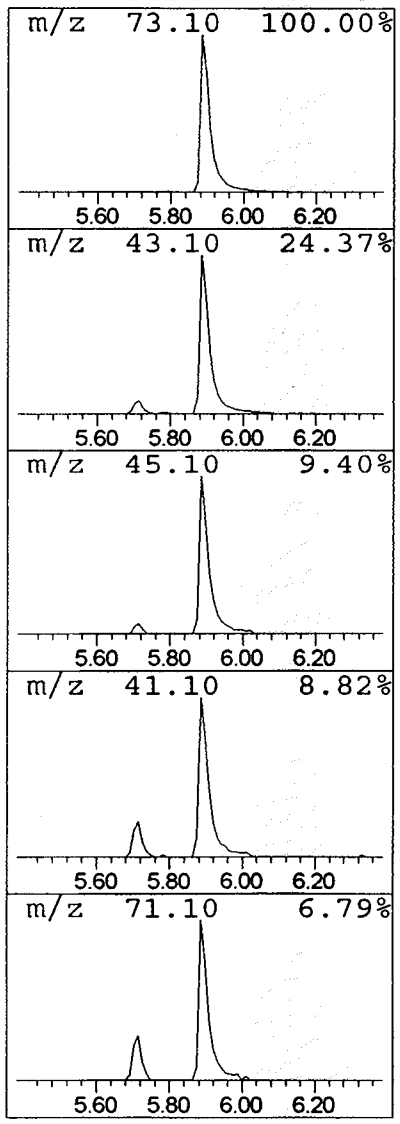
****

Peak Number 4 3-(CYCLOHEX-3'-EN-YL)PROPAN... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	4.21 ug/L	1568580	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	3-Pentanol, 3-methyl- (CAS) $$ 3...	102	C6H14O	000077-74-7	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN11\00462.D Vial: 4
Acq On : 11 Jan 2002 4:36 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

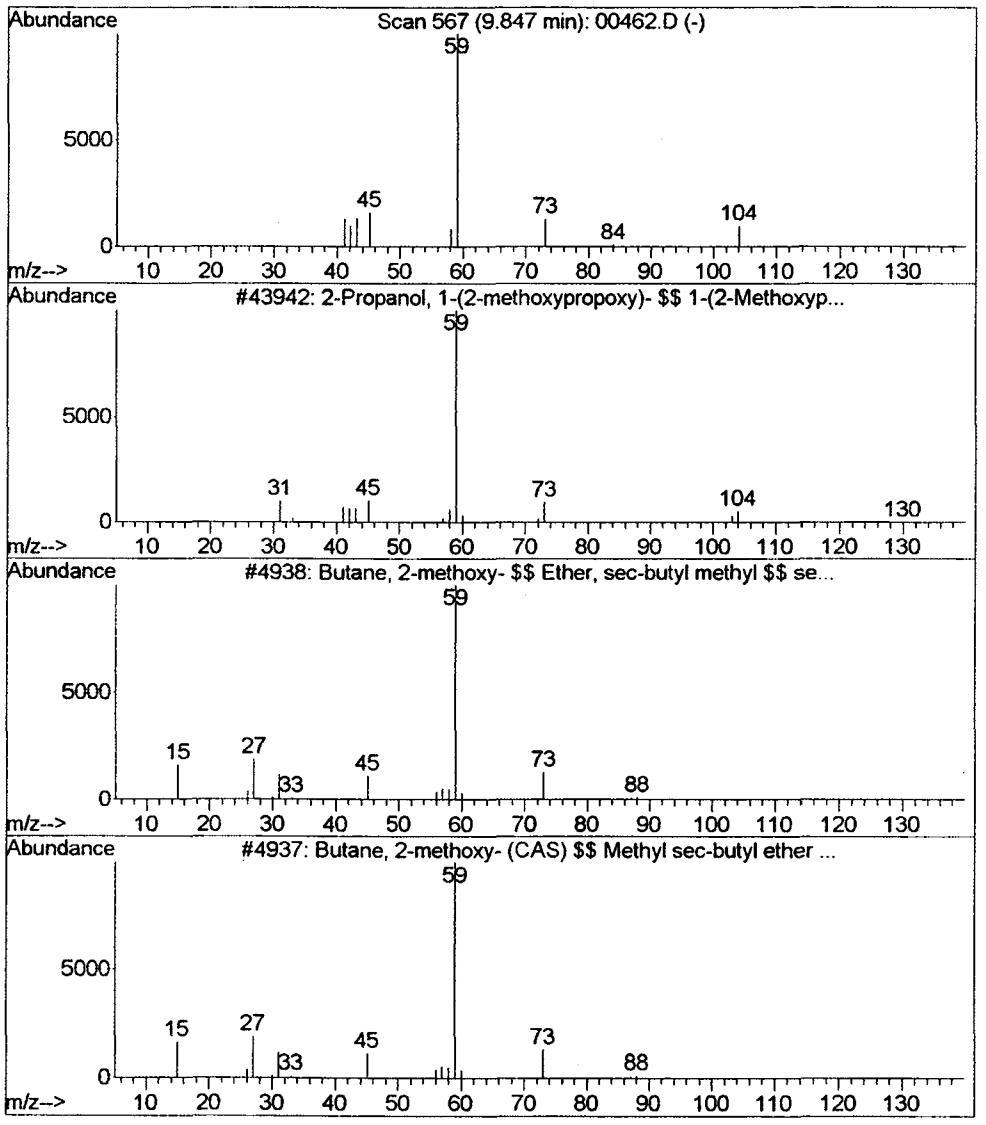
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

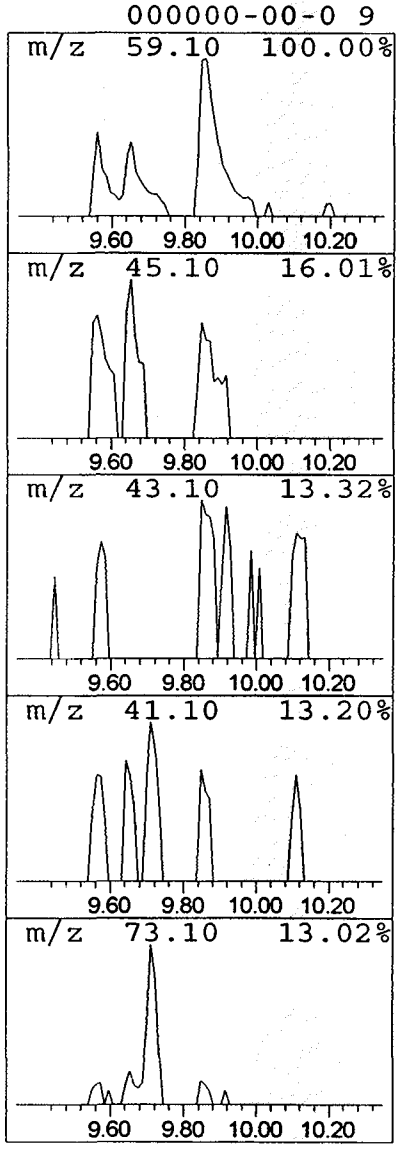
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	0.14 ug/L	50915	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	Butane, 2-methoxy- $$ Ether, sec...	88	C5H12O	006795-87-5	9
3	Butane, 2-methoxy- (CAS) $$ Meth...	88	C5H12O	006795-87-5	9
4	PROPYLENE GLYCOL TRIMER 1	174	C9H18O3	000000-00-0	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN11\00462.D Vial: 4
Acq On : 11 Jan 2002 4:36 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

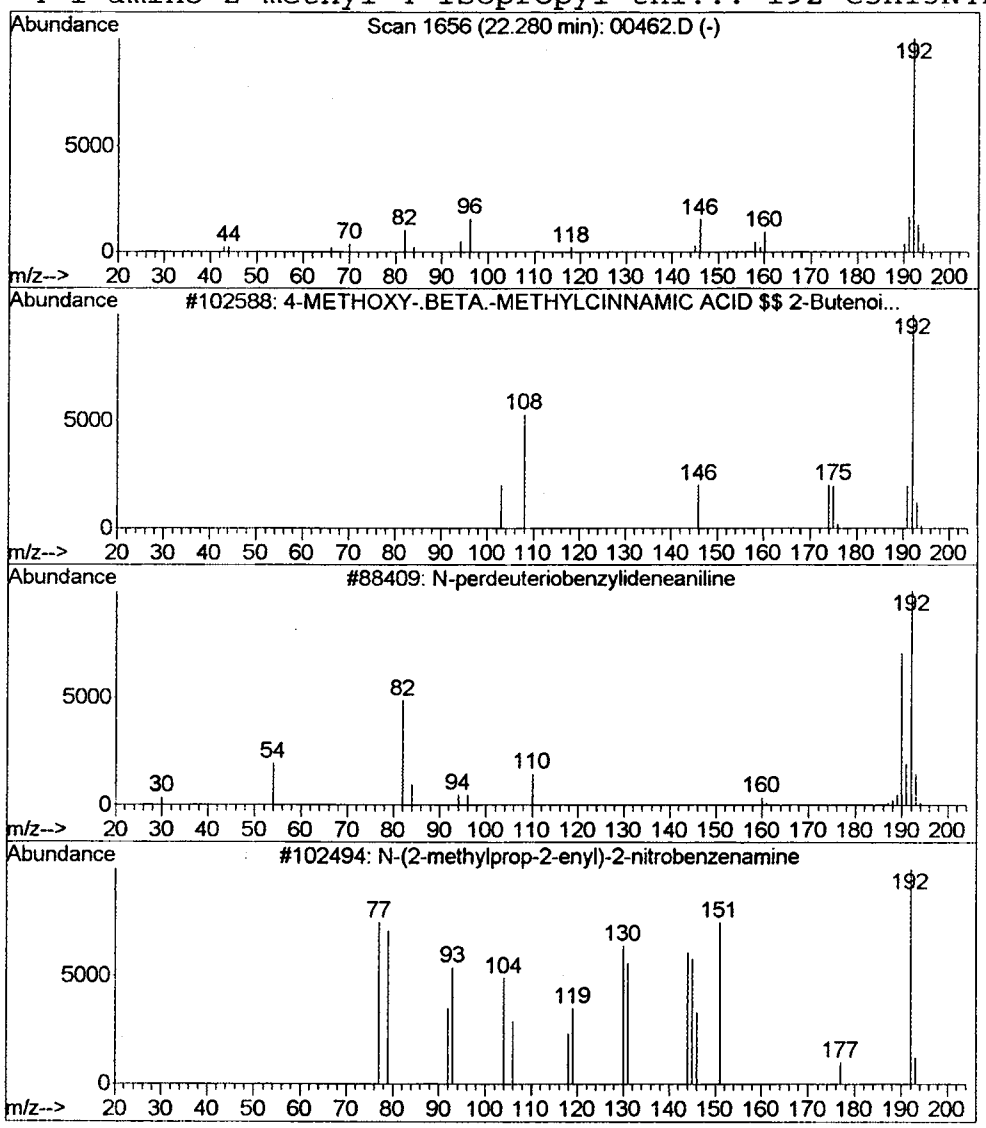
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

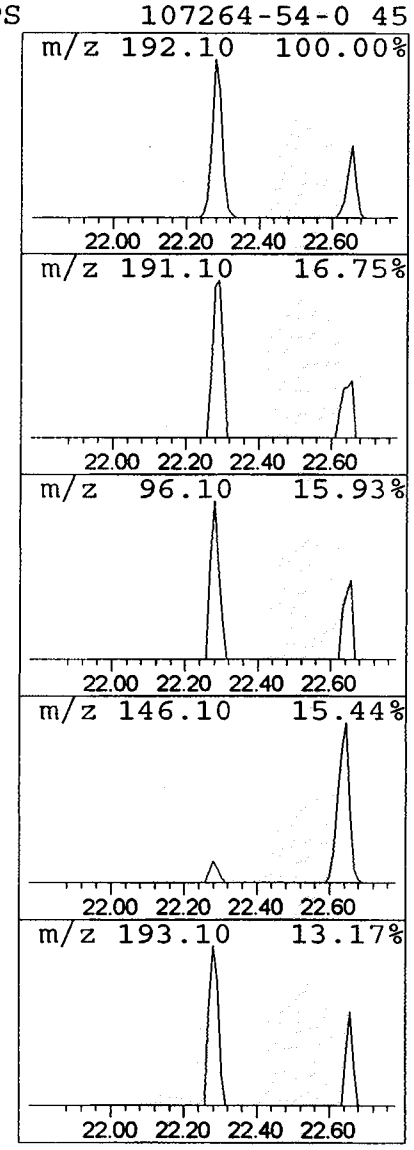
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.15 ug/L	89182	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	64
2	N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	58
3	N-(2-methylprop-2-enyl)-2-nitrob...	192	C10H12N2O2	000000-00-0	49
4	1-amino-2-methyl-4-isopropyl-thi...	192	C5H13N4PS	107264-54-0	45





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN11\00462.D Vial: 4
Acq On : 11 Jan 2002 4:36 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

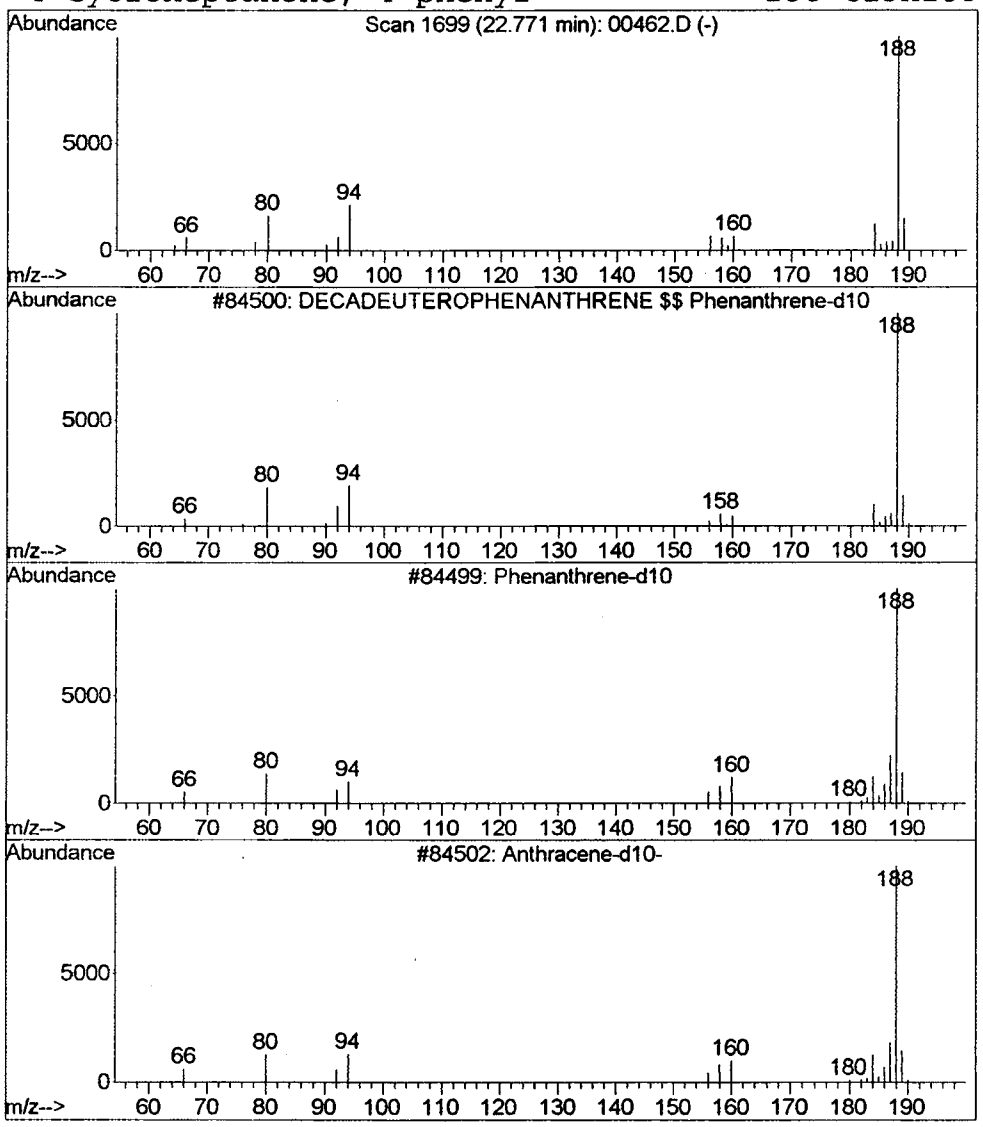
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

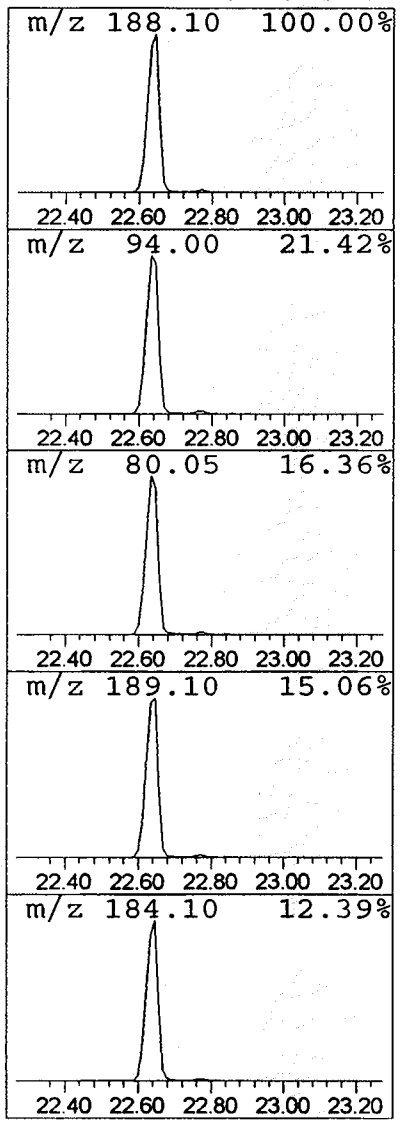
****

Peak Number 7 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.31 ug/L	188064	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	91
2	Phenanthrene-d10	188	C14D10	001517-22-2	72
3	Anthracene-d10-	188	C14D10	001719-06-8	72
4	Cycloheptanone, 4-phenyl-	188	C13H16O	067688-28-2	47





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 11 Jan 2002 4:36 pm
Data File: C:\MSDCHEM\1\5973N\02JAN11\00462.D
Name: 508 scan
Misc: January 11, 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
2-Pentyn-1-ol	4.85	0.2	ug/L	57438	1	9.71	7453610	20.0
3-Buten-2-ol, 2-m...	5.01	0.3	ug/L	127017	1	9.71	7453610	20.0
CIS-1-METHOXY-2-B...	5.71	0.2	ug/L	83354	1	9.71	7453610	20.0
3-(CYCLOHEX-3'-EN...	5.89	4.2	ug/L	1568580	1	9.71	7453610	20.0
2-Propanol, 1-(2-...	9.85	0.1	ug/L	50915	1	9.71	7453610	20.0
4-METHOXY-.BETA.-...	22.28	0.1	ug/L	89182	4	22.65	12232900	20.0
DECADEUTEROPHENAN...	22.77	0.3	ug/L	188064	4	22.65	12232900	20.0