User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/24/2002 Time: 11:32:43

Sample: AE00321
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/24/02 11:32 Ended: 1/24/02 11:32 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		84		5.0

Comments for Sample AE00321 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-24-2002 Time: 11:32:54

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\00321.D Vial: 2
Acq On : 11 Jan 2002 2:57 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 14 10:32:30 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

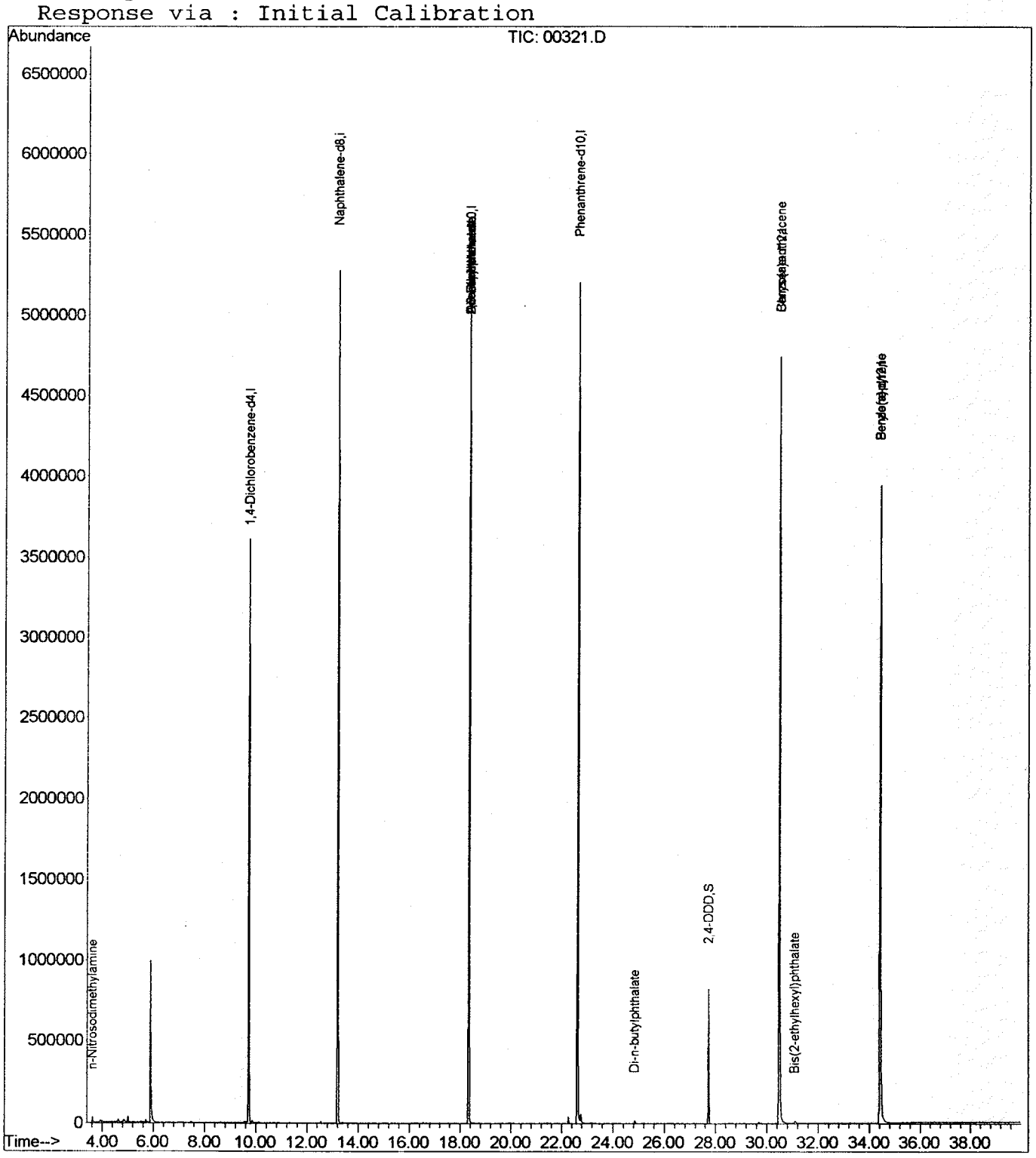
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1235098	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	5215618	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	2673652	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	4423036	20.00	ug/L	-0.02
38) Chrysene-d12	30.50	240	3969351	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	3052128	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	295184	4.22	ug/L	0.00
Spiked Amount 5.000			Recovery = 84.40%			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	3.61	74	12658	0.24	ug/L #	13
20) Dimethylphthalate	18.34	163	432247	2.45	ug/L #	56
21) 2,6-Dinitrotoluene	18.34	165	344263	10.00	ug/L #	16
35) Di-n-butylphthalate	24.85	149	27414	0.10	ug/L	97
41) Benzo(a)anthracene	30.50	228	9415	0.04	ug/L #	76
42) Bis(2-ethylhexyl)phthalate	31.11	149	20147	0.65	ug/L	96
43) Chrysene	30.50	228	9415	0.04	ug/L #	73
48) Benzo(a)pyrene	34.42	252	10460	0.05	ug/L #	1

(#) = qualifier out of range (m) = manual integration
00321.D SCAN508.M Mon Jan 14 10:32:31 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN11\00321.D Vial: 2
Acq On : 11 Jan 2002 2:57 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\00321.D Vial: 2
Acq On : 11 Jan 2002 2:57 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

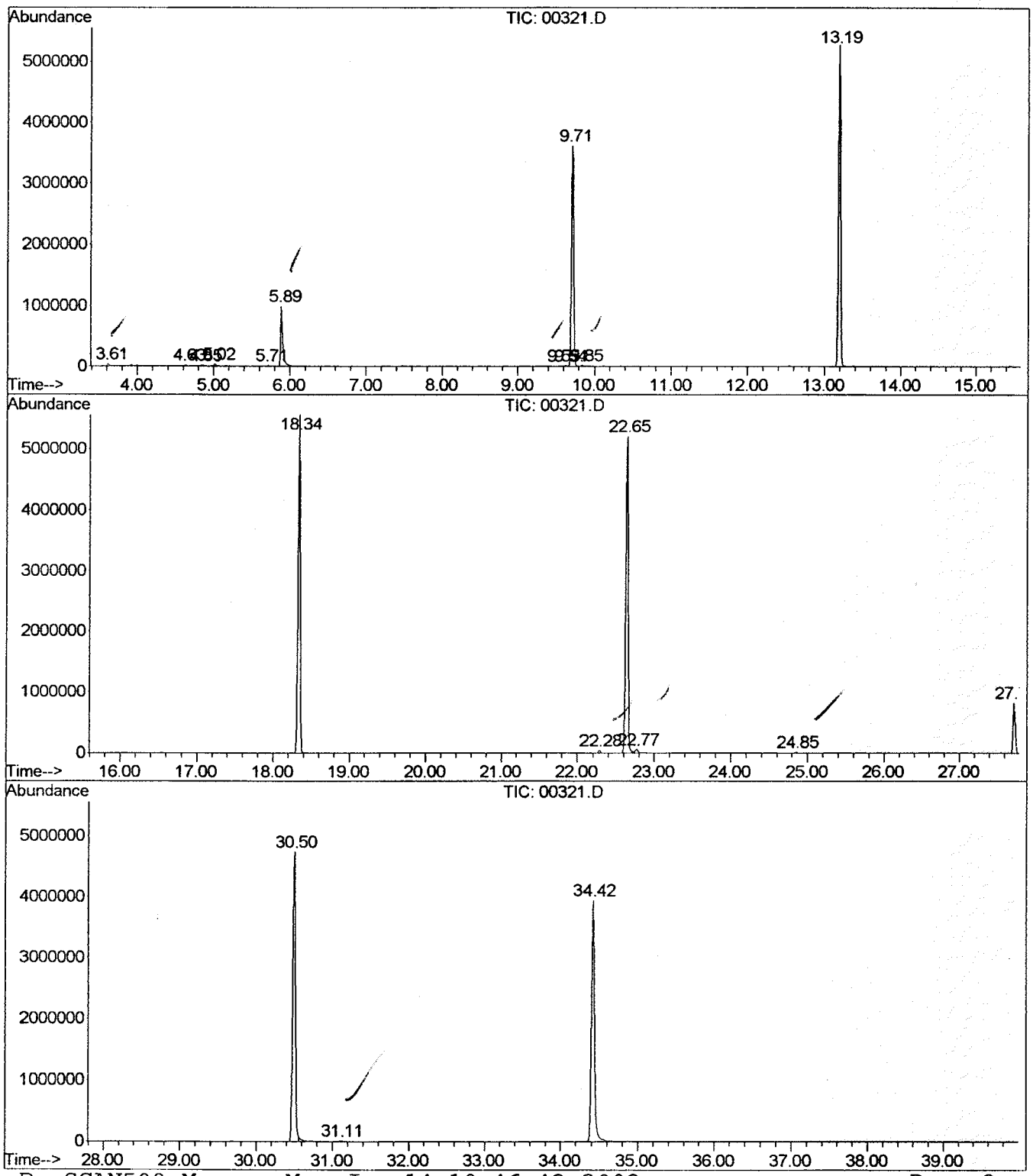
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.614	19	21	25	rBV	36954	53867	0.46%	0.082%
2	4.630	107	110	117	rVB2	20454	37581	0.32%	0.057%
3	4.847	123	129	137	rBV2	18668	58750	0.50%	0.090%
4	5.018	141	144	149	rVV	37895	65385	0.56%	0.100%
5	5.714	201	205	209	rBV2	18137	28156	0.24%	0.043%
6	5.886	217	220	245	rVB	994101	1859506	15.94%	2.840%
7	9.550	539	541	545	rVV	11200	25729	0.22%	0.039%
8	9.642	545	549	551	rVV	13797	29040	0.25%	0.044%
9	9.710	551	555	561	rVV	3614109	7056849	60.50%	10.779%
10	9.847	561	567	577	rVV	18366	61291	0.53%	0.094%
11	13.192	855	860	865	rBV	5278838	9996305	85.70%	15.269%
12	18.341	1305	1311	1315	rBV	5560608	10885261	93.32%	16.627%
13	22.280	1653	1656	1661	rBV	40154	71755	0.62%	0.110%
14	22.646	1681	1688	1693	rBV2	5206700	11664033	100.00%	17.816%
15	22.771	1695	1699	1717	rVB	60632	171445	1.47%	0.262%
16	24.849	1877	1881	1887	rVB	21431	39388	0.34%	0.060%
17	27.726	2129	2133	2139	rVB	821496	1436841	12.32%	2.195%
18	30.500	2369	2376	2381	rBV	4741400	11555916	99.07%	17.651%
19	31.105	2425	2429	2441	rVV	17659	63788	0.55%	0.097%
20	34.416	2713	2719	2745	rBV	3941437	10307921	88.37%	15.745%

Sum of corrected areas: 65468807

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN11\00321.D
Operator :
Acquired : 11 Jan 2002 2:57 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : January 11, 2002
Vial Number: 2
Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN11\00321.D Vial: 2
Acq On : 11 Jan 2002 2:57 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

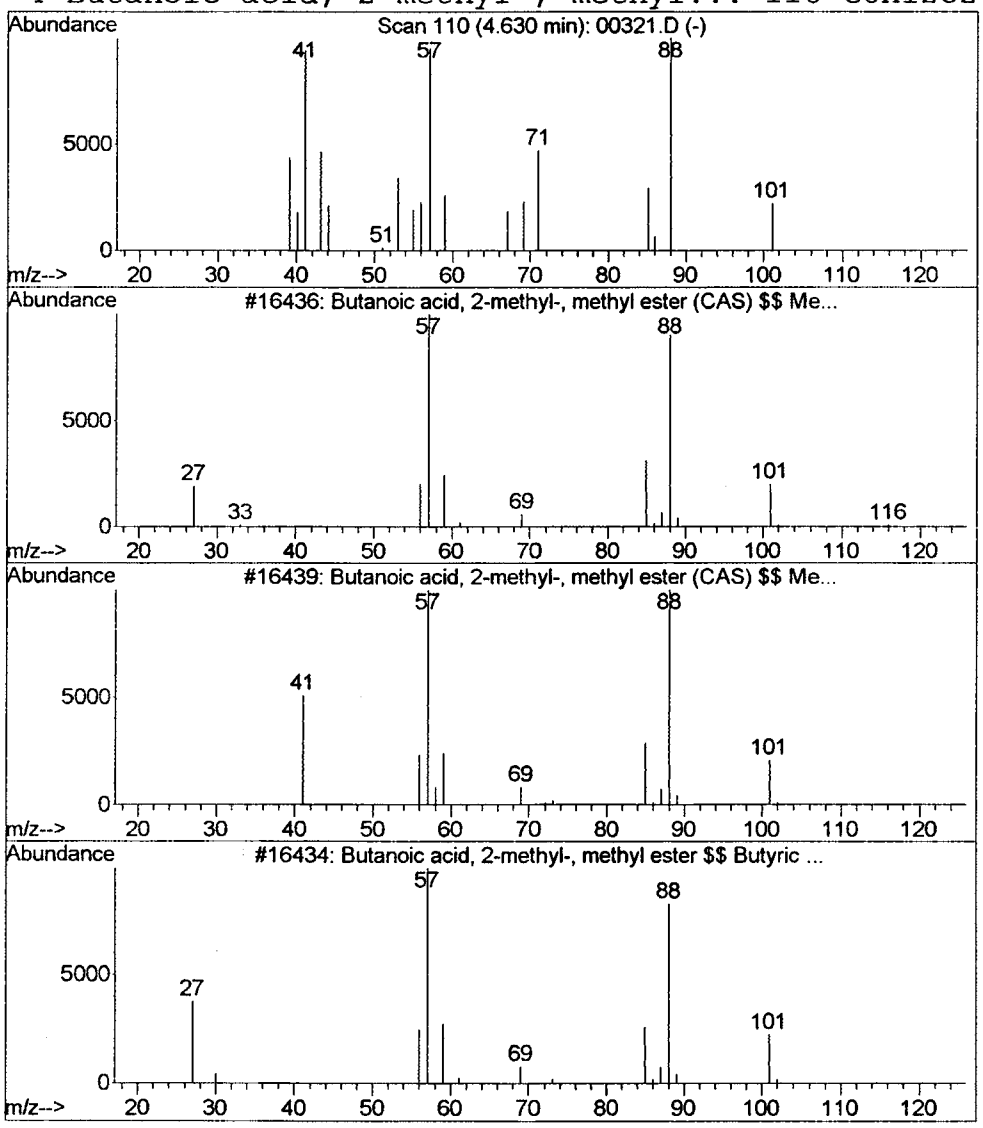
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

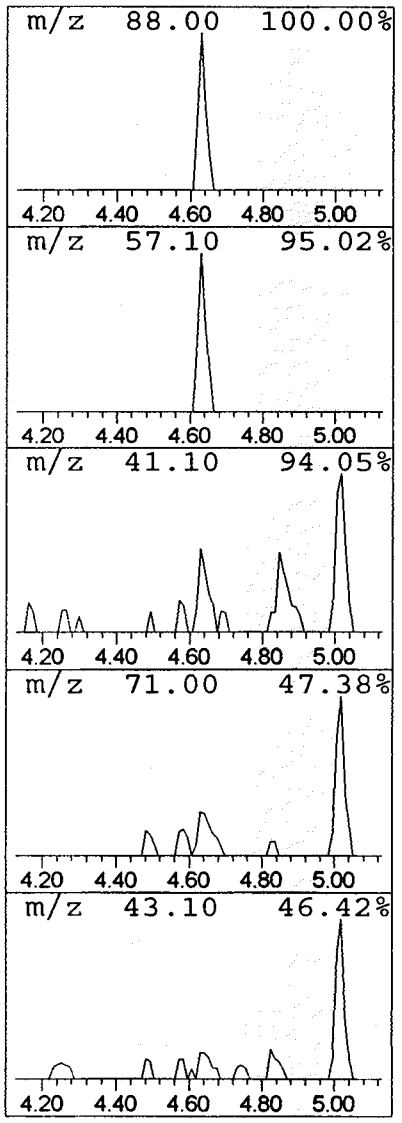
****

Peak Number 1 Butanoic acid, 2-methyl-, m... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	0.11 ug/L	37581	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	38
2	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	38
3	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	38
4	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	38





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN11\00321.D Vial: 2
Acq On : 11 Jan 2002 2:57 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

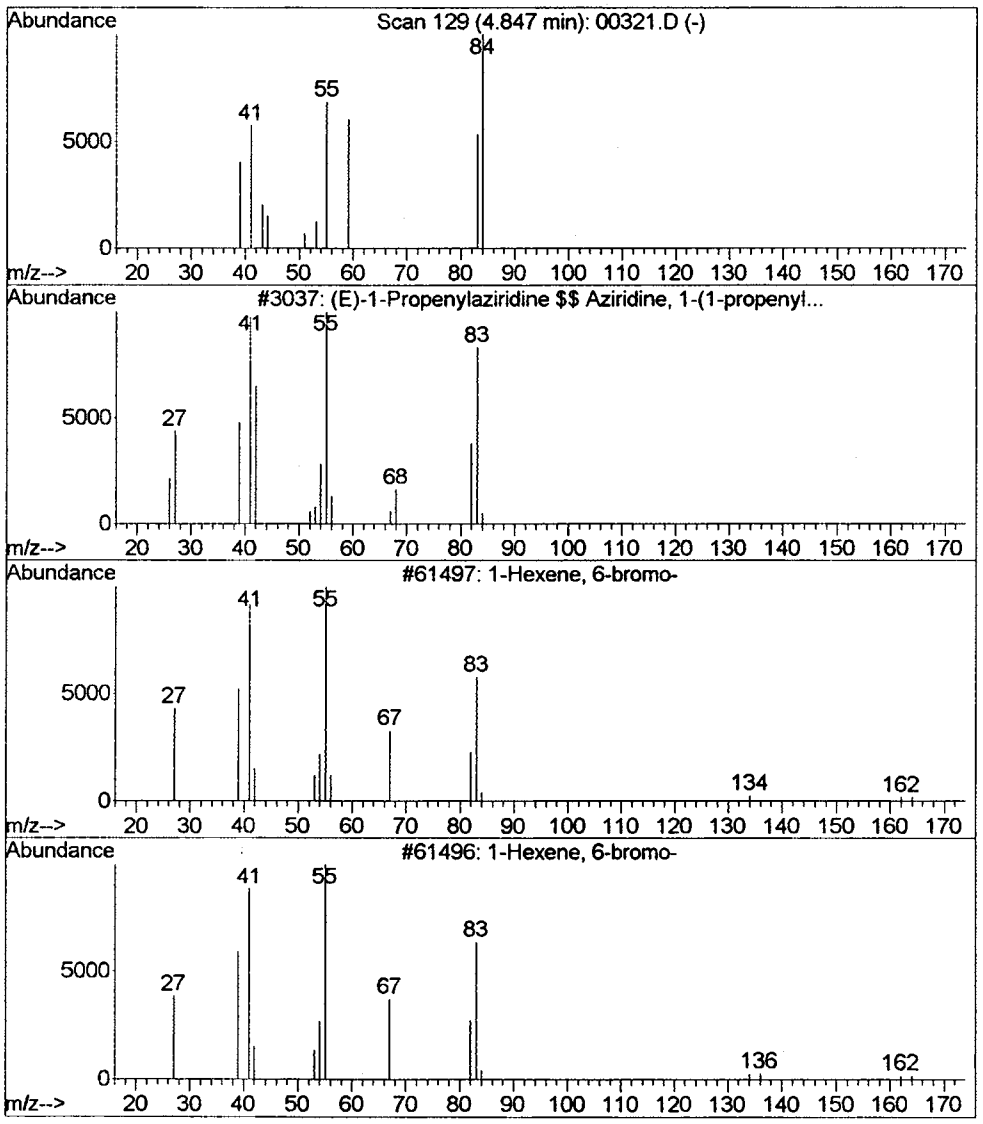
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

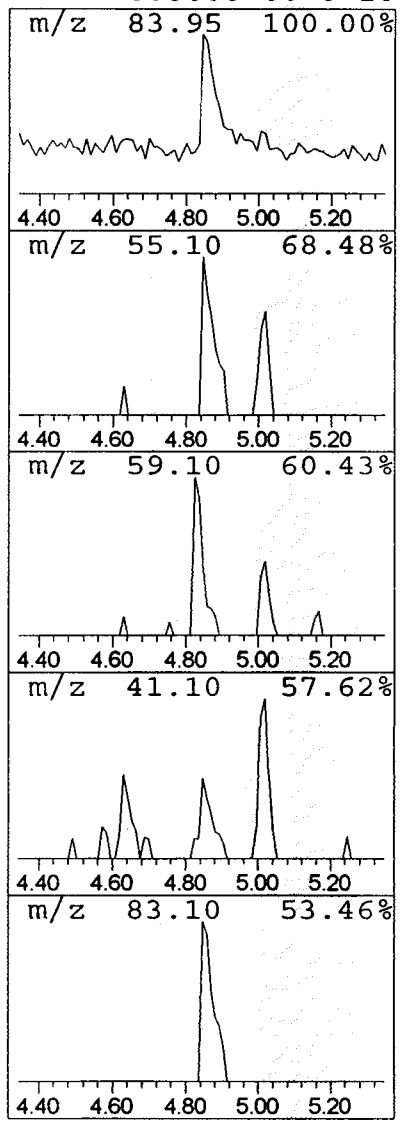
****

Peak Number 2 (E)-1-Propenylaziridine $$ ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	0.17 ug/L	58750	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Propenylaziridine $$ Aziri...	83	C5H9N	080839-91-4	25
2	1-Hexene, 6-bromo-	162	C6H11Br	002695-47-8	17
3	1-Hexene, 6-bromo-	162	C6H11Br	002695-47-8	17
4	1-PROPENYL-AZIRIDINE	83	C5H9N	000000-00-0	10





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN11\00321.D Vial: 2
Acq On : 11 Jan 2002 2:57 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

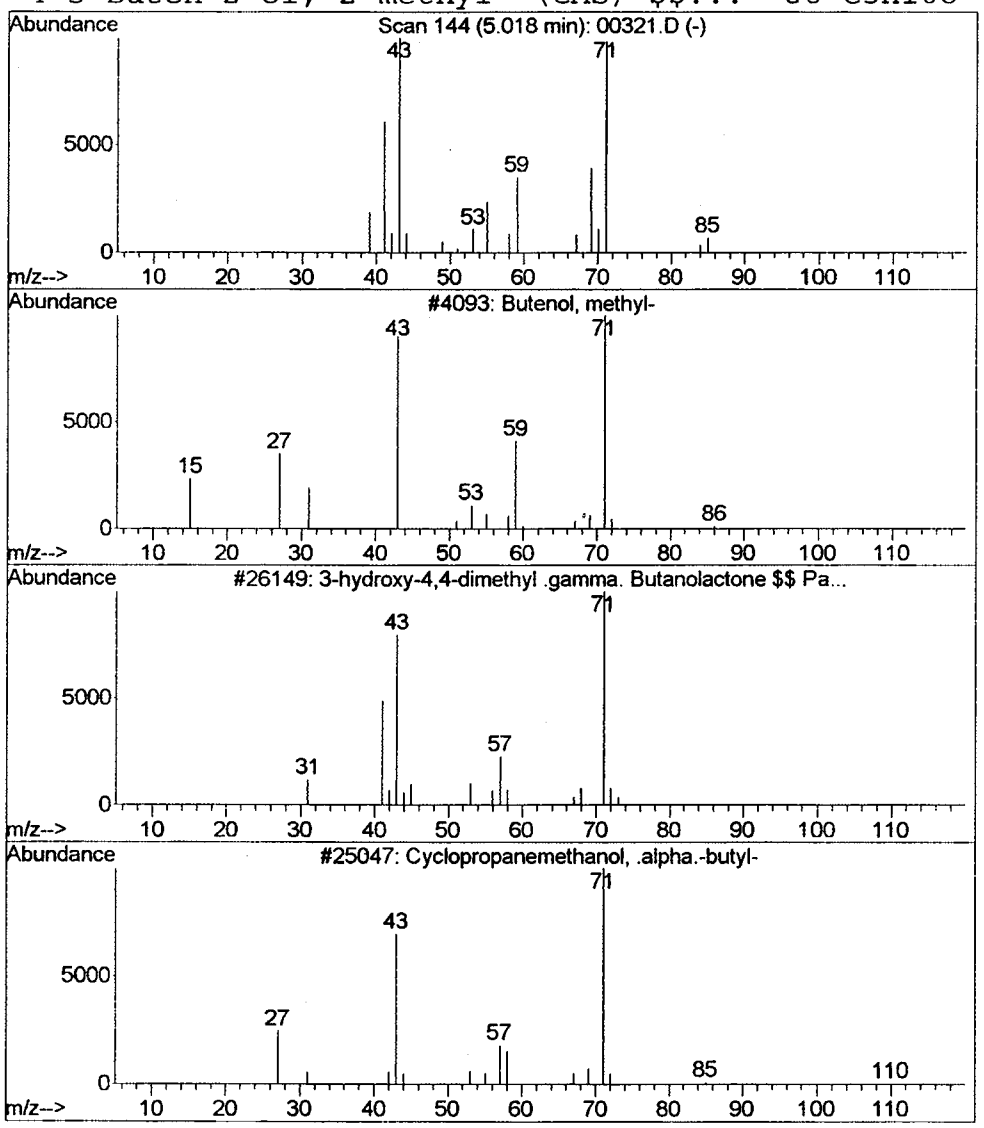
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

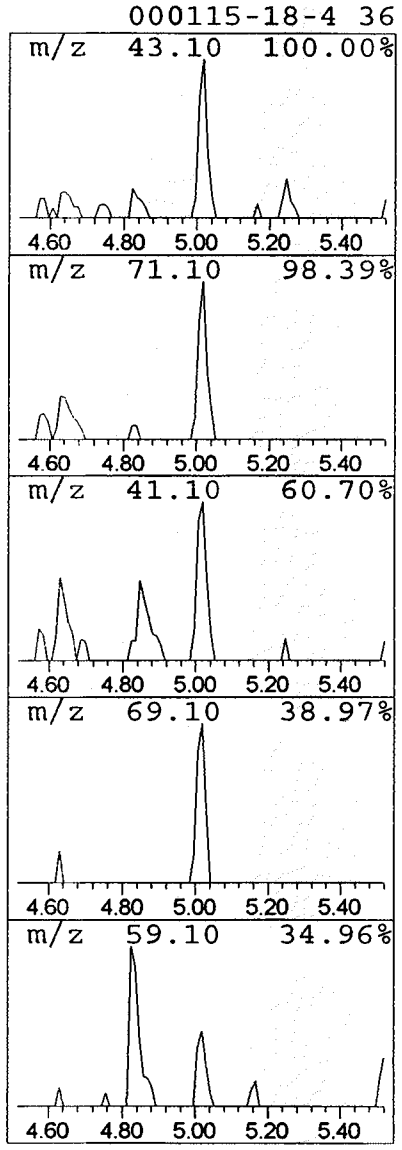
****

Peak Number 3 Butenol, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	0.19 ug/L	65385	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butenol, methyl-	86	C5H10O	060766-00-9	42
2	3-hydroxy-4,4-dimethyl .gamma. B...	130	C6H10O3	052126-90-6	40
3	Cyclopropanemethanol, .alpha.-bu...	128	C8H16O	004379-16-2	36
4	3-Buten-2-ol, 2-methyl- (CAS) $$...	86	C5H10O	000115-18-4	36





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN11\00321.D Vial: 2
Acq On : 11 Jan 2002 2:57 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

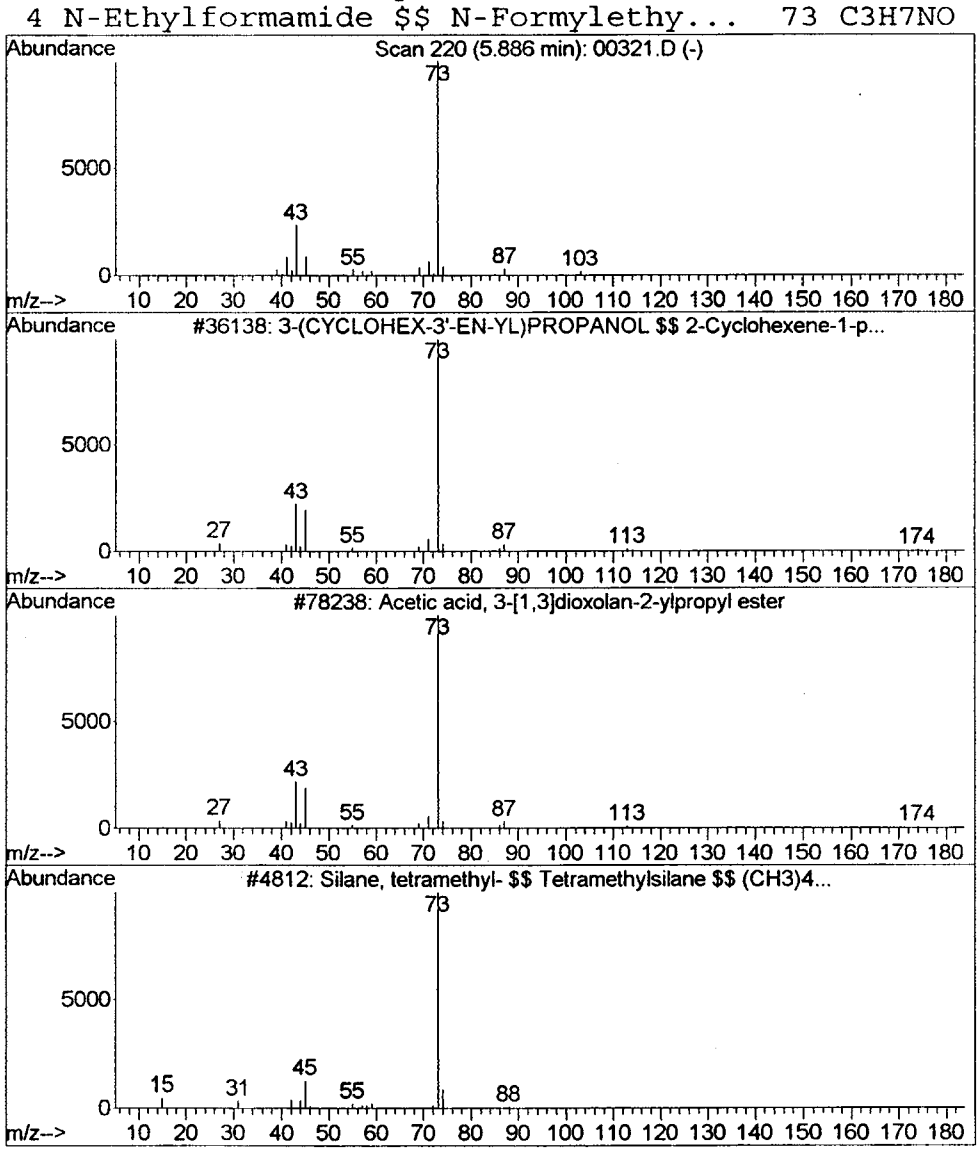
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

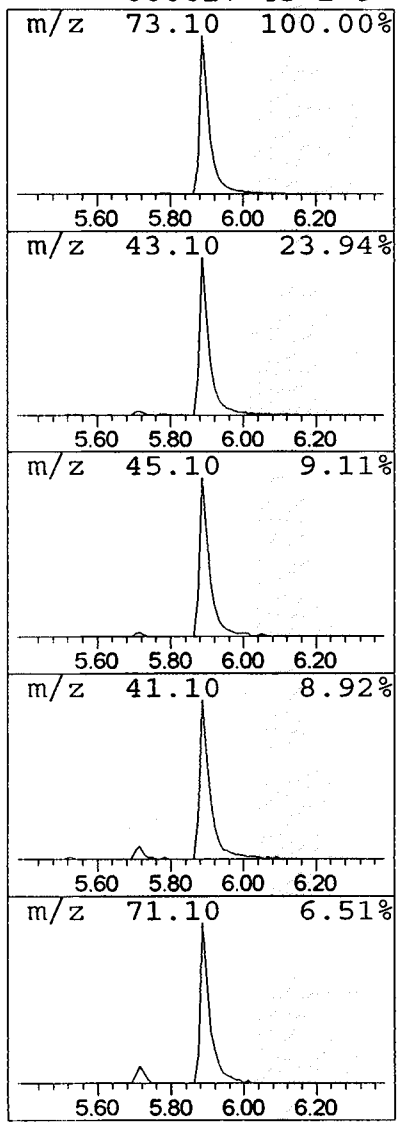
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	5.27 ug/L	1859510	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	33
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	33
3	Silane, tetramethyl- $$ Tetramet...	88	C4H12Si	000075-76-3	28
4	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN11\00321.D Vial: 2
Acq On : 11 Jan 2002 2:57 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

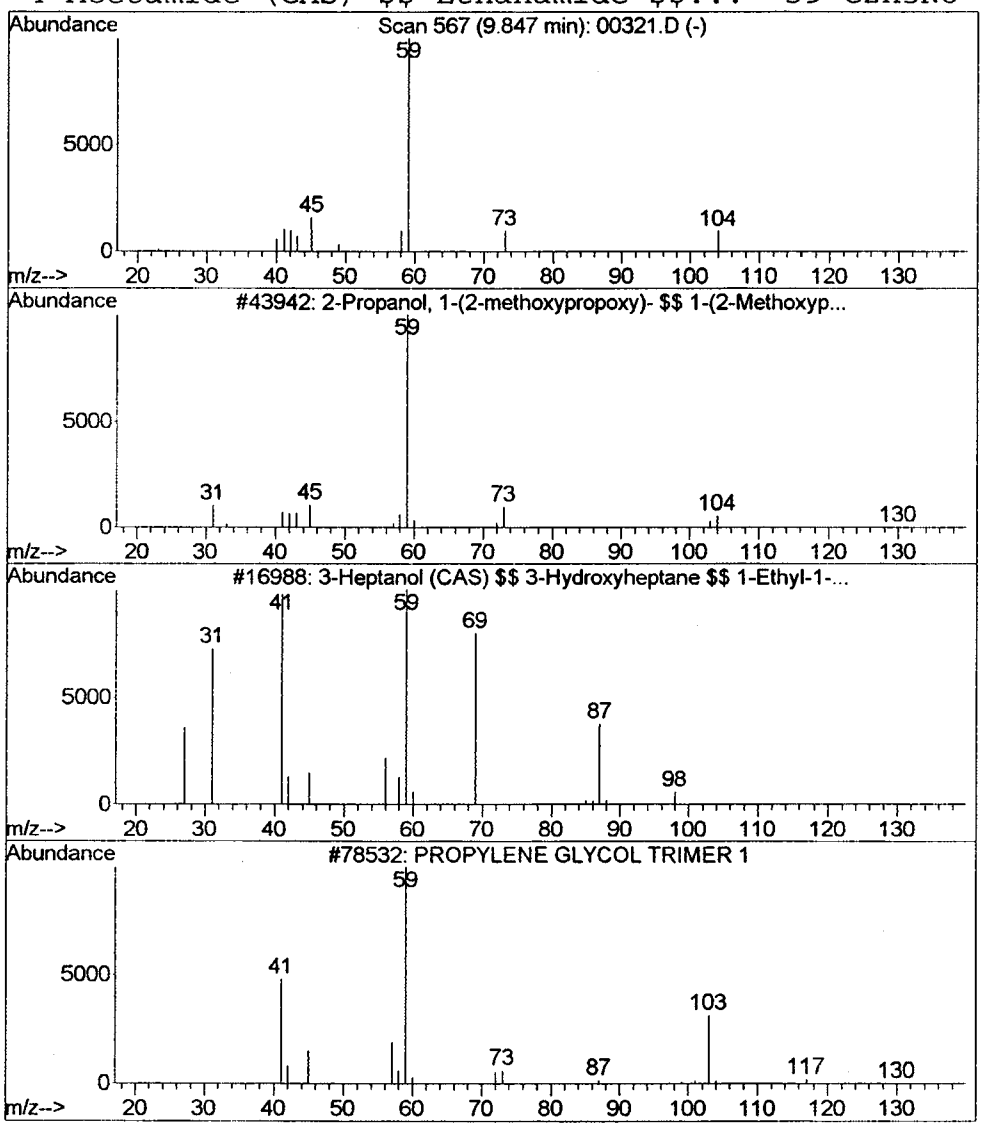
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

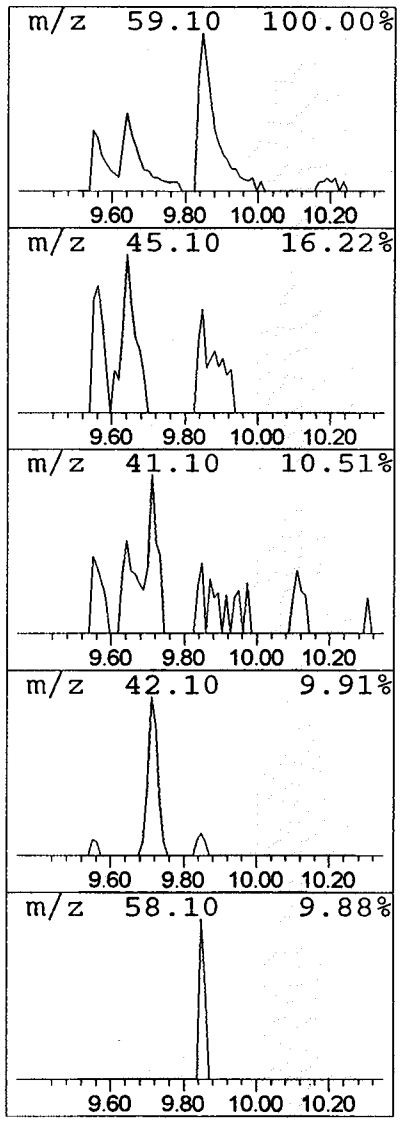
****

Peak Number 5 2-Propanol, 1-(2-methoxypro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	0.17 ug/L	61291	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)...	148	C7H16O3	013429-07-7	83
2	3-Heptanol (CAS) $$ 3-Hydroxyhep...	116	C7H16O	000589-82-2	9
3	PROPYLENE GLYCOL TRIMER 1	174	C9H18O3	000000-00-0	9
4	Acetamide (CAS) $$ Ethanamide $$...	59	C2H5NO	000060-35-5	4





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN11\00321.D Vial: 2
Acq On : 11 Jan 2002 2:57 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

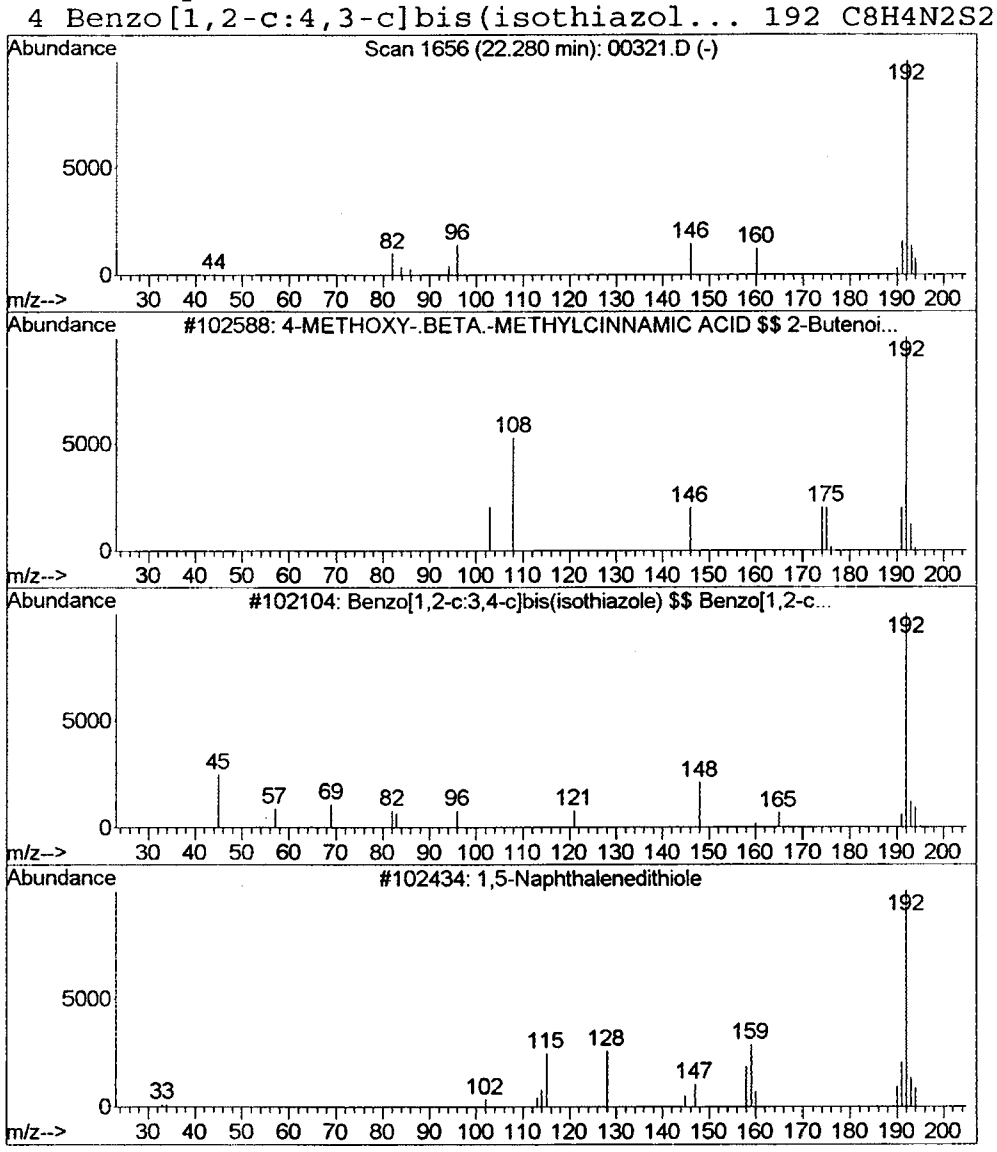
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

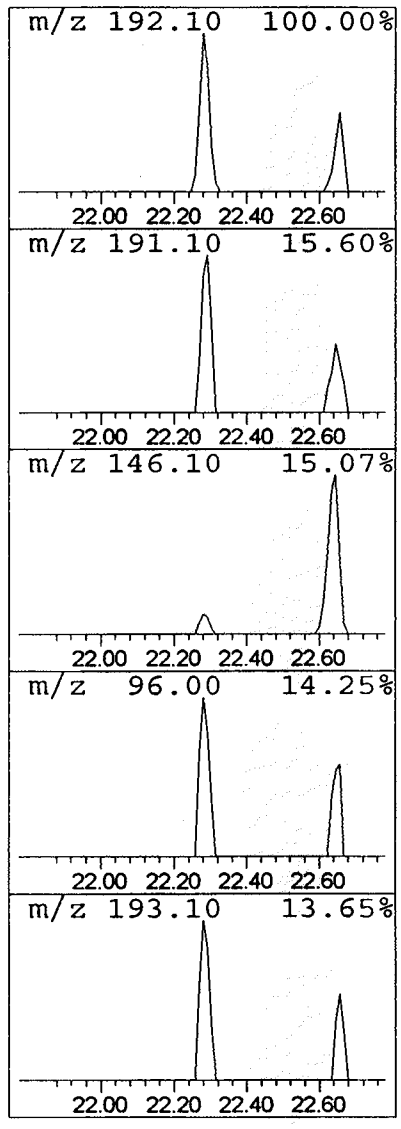
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.12 ug/L	71755	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	Benzo[1,2-c:3,4-c]bis(isothiazol...	192	C8H4N2S2	074960-05-7	64
3	1,5-Naphthalenedithiole	192	C10H8S2	000000-00-0	59
4	Benzo[1,2-c:4,3-c]bis(isothiazol...	192	C8H4N2S2	074960-06-8	50





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN11\00321.D Vial: 2
Acq On : 11 Jan 2002 2:57 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

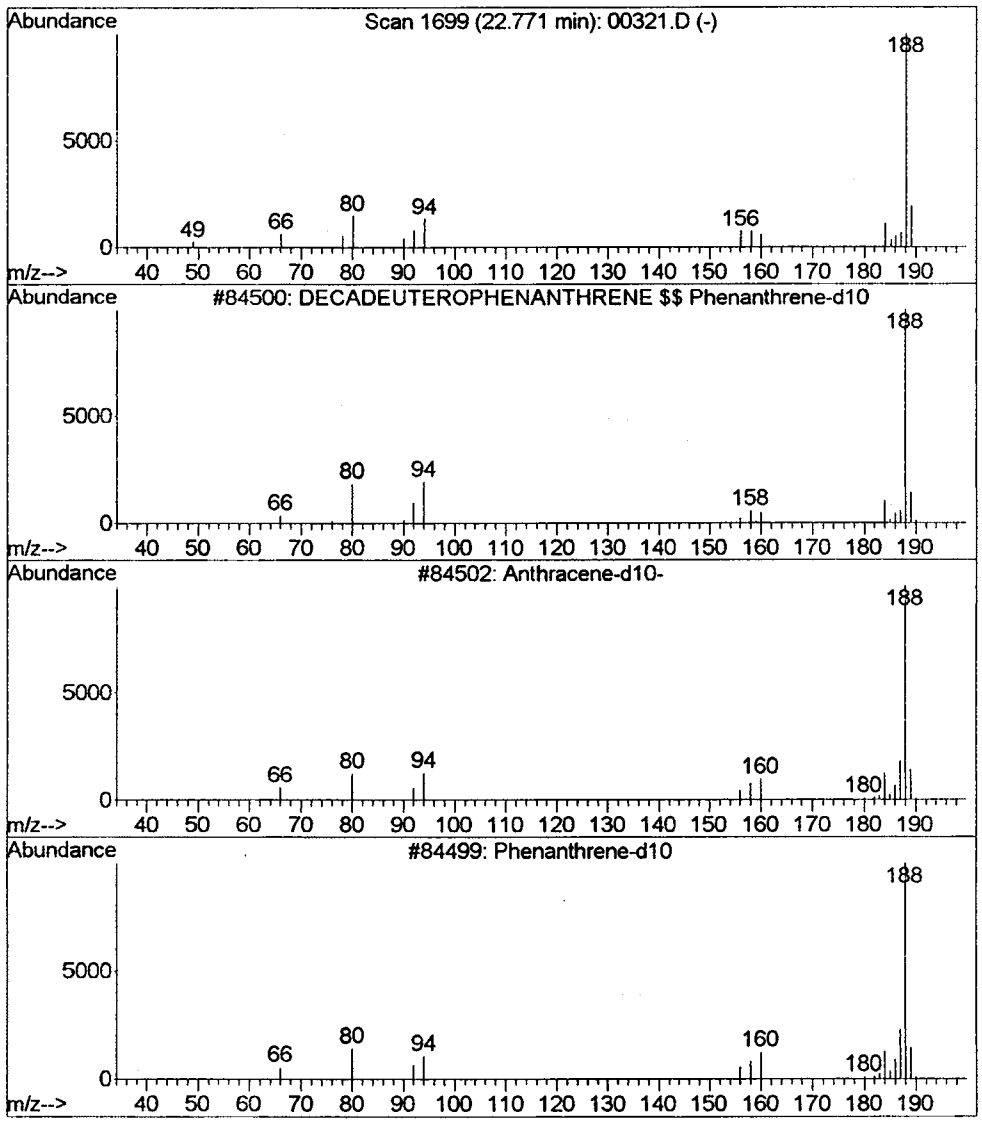
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

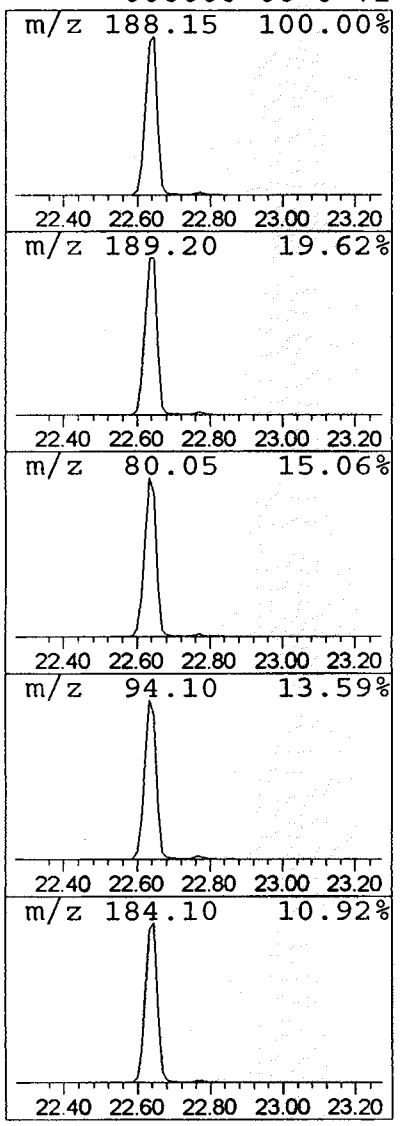
****

Peak Number 7 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.29 ug/L	171445	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	90
2	Anthracene-d10-	188	C14D10	001719-06-8	83
3	Phenanthrene-d10	188	C14D10	001517-22-2	72
4	Acridine-D9	188	C13D9N	000000-00-0	72





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 11 Jan 2002 2:57 pm
Data File: C:\MSDCHEM\1\5973N\02JAN11\00321.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
Butanoic acid, 2-...	4.63	0.1	ug/L	37581	1	9.72	7056850	20.0
(E)-1-Propenylazi...	4.85	0.2	ug/L	58750	1	9.72	7056850	20.0
Butenol, methyl-	5.02	0.2	ug/L	65385	1	9.72	7056850	20.0
3-(CYCLOHEX-3'-EN...	5.89	5.3	ug/L	1859510	1	9.72	7056850	20.0
2-Propanol, 1-(2-...	9.85	0.2	ug/L	61291	1	9.72	7056850	20.0
4-METHOXY-.BETA.-...	22.28	0.1	ug/L	71755	4	22.65	11664000	20.0
DECADEUTEROPHENAN...	22.77	0.3	ug/L	171445	4	22.65	11664000	20.0