User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 01/10/2002 Time: 11:04:15

Sample: AE00319
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		111		5.0

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN08\319.D Vial: 4
Acq On : 8 Jan 2002 7:56 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 09 12:51:30 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	9.72	152	1219399	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	5178042	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	2726967	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	4569329	20.00	ug/L	-0.02
38) Chrysene-d12	30.50	240	4061419	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	2964108	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	402373	5.57	ug/L	0.00
Spiked Amount 5.000			Recovery = 111.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethylamine	3.60	74	14286	0.27	ug/L #	13
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	445209	2.47	ug/L #	56
21) 2,6-Dinitrotoluene	18.34	165	350544	9.98	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\319.D Vial: 4
Acq On : 8 Jan 2002 7:56 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 09 12:51:30 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

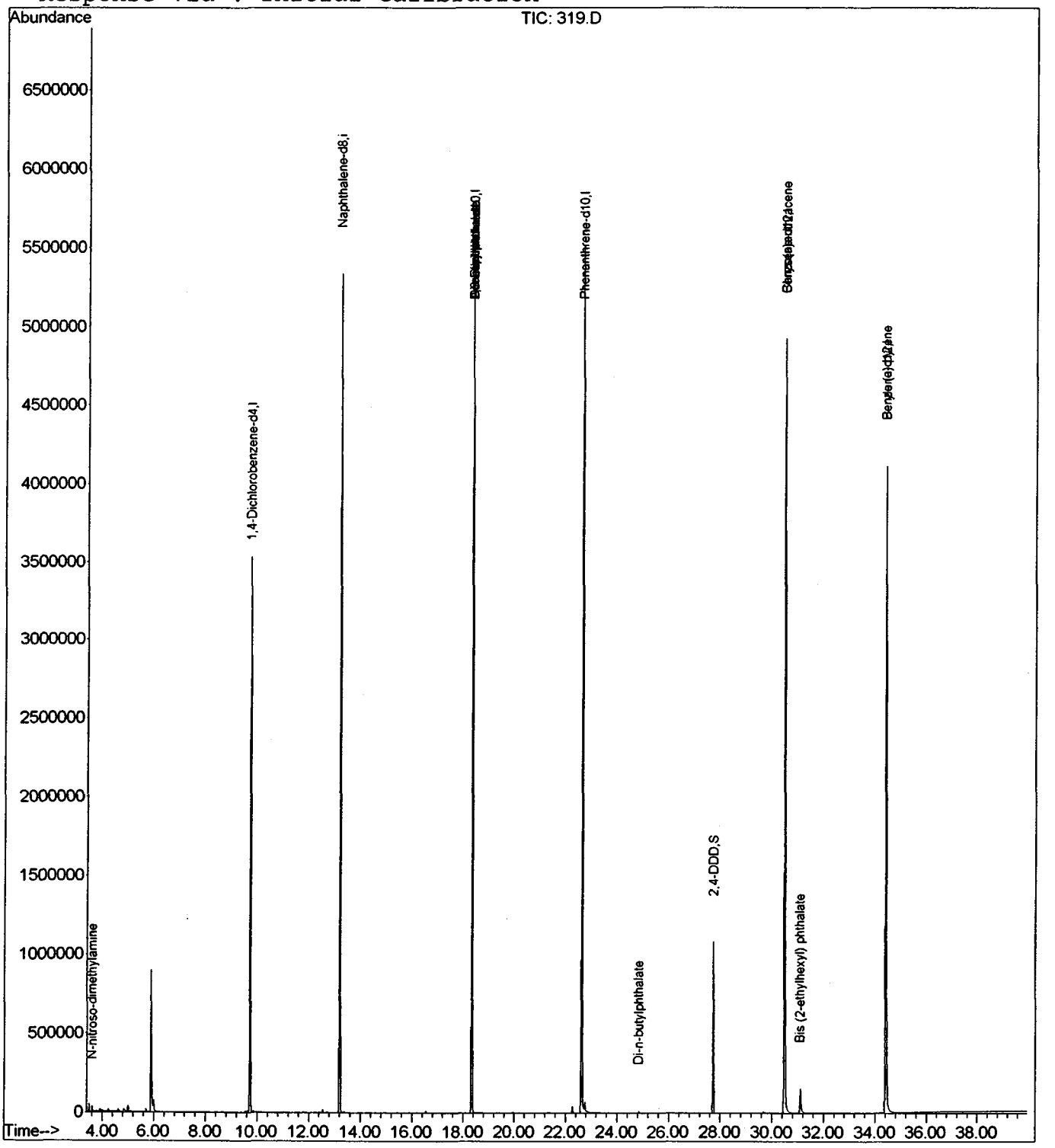
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Di-n-butylphthalate	24.85	149	17347	0.06 ug/L	94
36) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	30.50	228	9267	0.04 ug/L #	69
42) Bis (2-ethylhexyl) phthala	31.11	149	141300	1.25 ug/L	90
43) Chrysene	30.50	228	9267	0.04 ug/L #	66
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	34.42	252	9832	0.05 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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN08\319.D Vial: 4
Acq On : 8 Jan 2002 7:56 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\319.D Vial: 4
Acq On : 8 Jan 2002 7:56 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

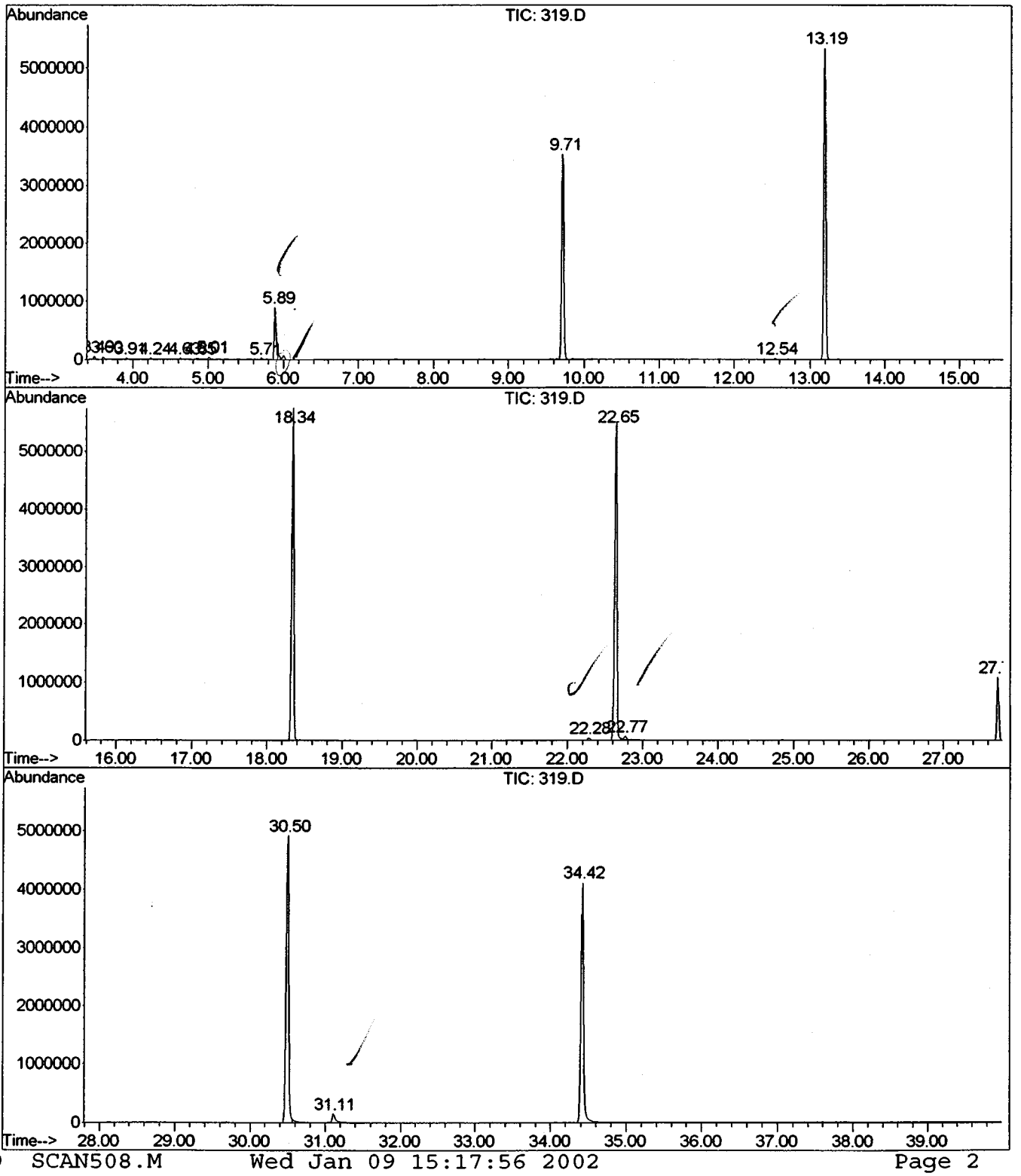
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.488	7	10	15	rBV	53194	80094	0.66%	0.120%
2	3.602	17	20	25	rBV	38268	64993	0.54%	0.097%
3	3.910	43	47	51	rBV	17657	34558	0.29%	0.052%
4	4.241	73	76	79	rBV2	18049	33072	0.27%	0.049%
5	4.630	103	110	119	rVB4	18033	49717	0.41%	0.074%
6	4.846	125	129	137	rBV3	20405	63121	0.52%	0.094%
7	5.006	141	143	149	rVB	41189	71044	0.59%	0.106%
8	5.714	201	205	209	rBV	18505	34363	0.28%	0.051%
9	5.885	215	220	227	rBV	897860	1734900	14.32%	2.592%
10	9.710	551	555	561	rVV	3531867	6923914	57.17%	10.345%
11	12.541	799	803	809	rVV	21218	33470	0.28%	0.050%
12	13.192	855	860	865	rBV	5336043	9947095	82.13%	14.862%
13	18.341	1305	1311	1315	rBV	5745050	11125212	91.86%	16.623%
14	22.280	1651	1656	1661	rVV	44604	84065	0.69%	0.126%
15	22.645	1681	1688	1693	rBV	5510919	12111206	100.00%	18.096%
16	22.771	1695	1699	1703	rVB	61096	135182	1.12%	0.202%
17	27.726	2129	2133	2139	rBV	1083966	1968585	16.25%	2.941%
18	30.500	2369	2376	2381	rBV	4922386	11915288	98.38%	17.803%
19	31.105	2425	2429	2453	rVB	153382	480740	3.97%	0.718%
20	34.416	2713	2719	2747	rBV	4113201	10037695	82.88%	14.998%

Sum of corrected areas: 66928314

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN08\319.D
Operator :
Acquired : 8 Jan 2002 7:56 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508scan
Misc Info : January 8, 2002
Vial Number: 4
Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN08\319.D Vial: 4
Acq On : 8 Jan 2002 7:56 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

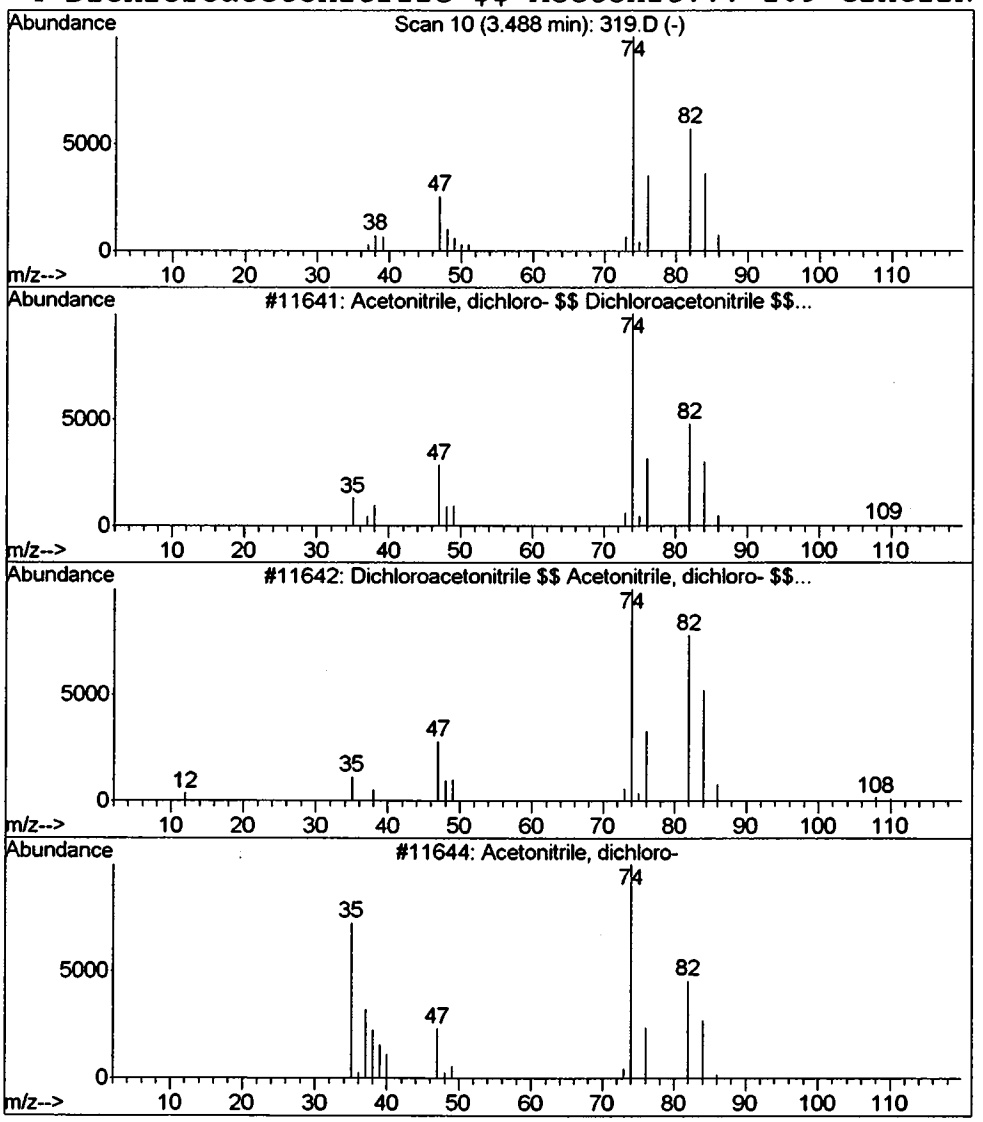
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

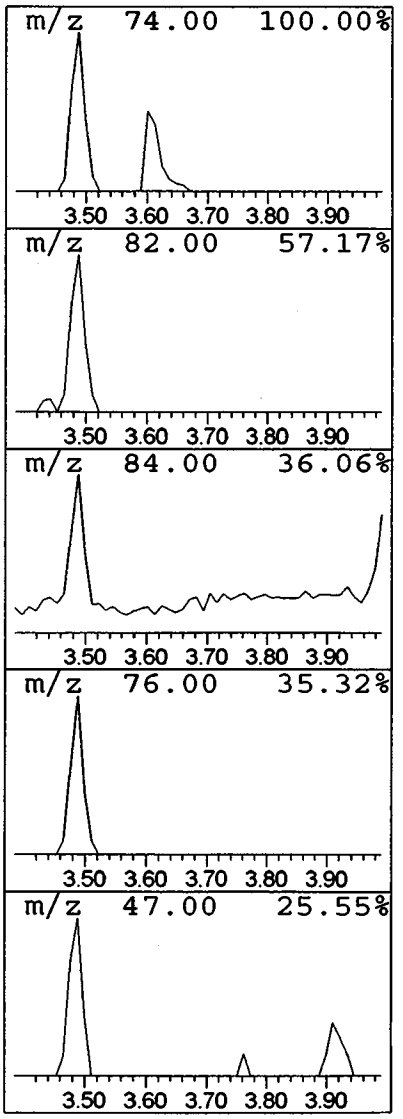
****

Peak Number 1 Acetonitrile, dichloro- $$ ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.49	0.23 ug/L	80094	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro- $$ Dichl...	109	C2HCl2N	003018-12-0	90
2	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	64
3	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	64
4	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	38





Data File : C:\MSDCHEM\1\5973N\02JAN08\319.D Vial: 4
Acq On : 8 Jan 2002 7:56 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

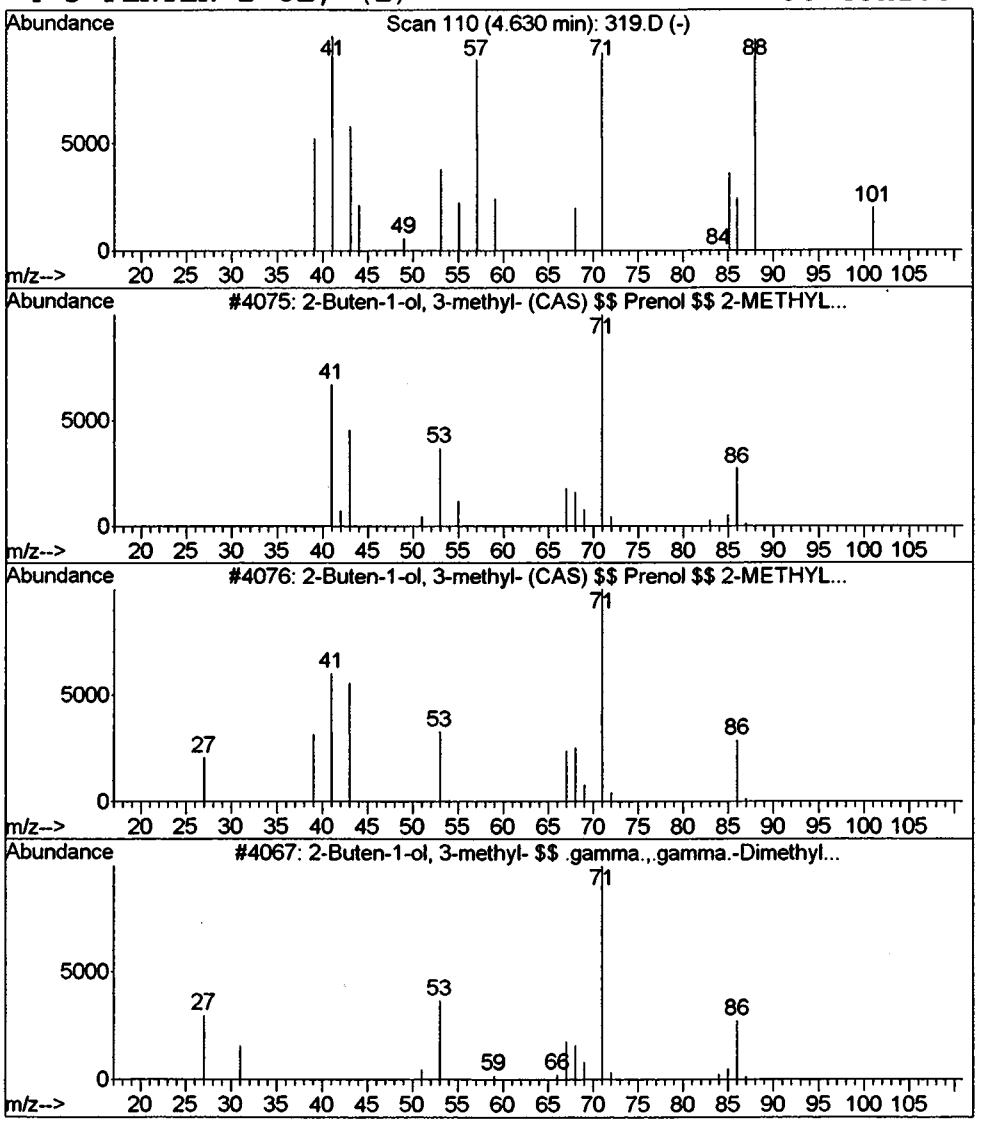
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

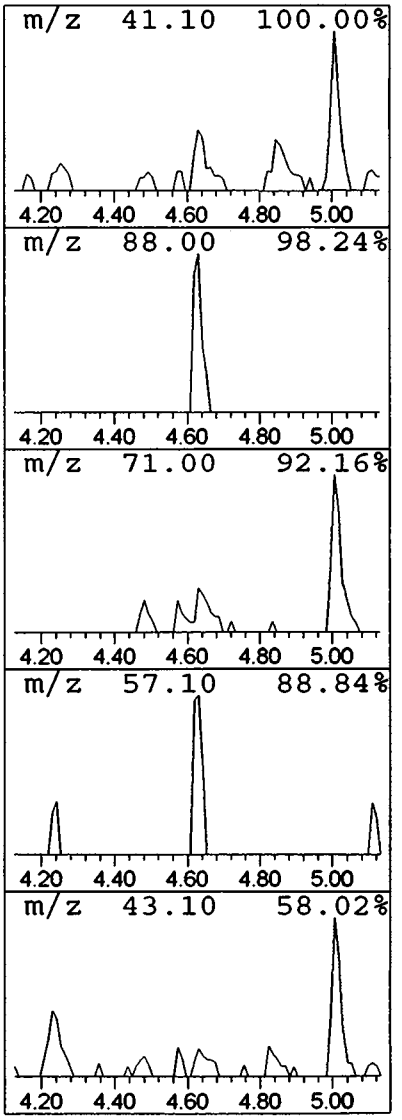
****

Peak Number 2 2-Buten-1-ol, 3-methyl- (CA... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	0.14 ug/L	49717	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Buten-1-ol, 3-methyl- (CAS) $$...	86	C5H10O	000556-82-1	50
2	2-Buten-1-ol, 3-methyl- (CAS) $$...	86	C5H10O	000556-82-1	47
3	2-Buten-1-ol, 3-methyl- $$ .gamm...	86	C5H10O	000556-82-1	40
4	3-PENTEN-2-OL, (Z)-	86	C5H10O	024652-50-4	38





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN08\319.D Vial: 4
Acq On : 8 Jan 2002 7:56 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

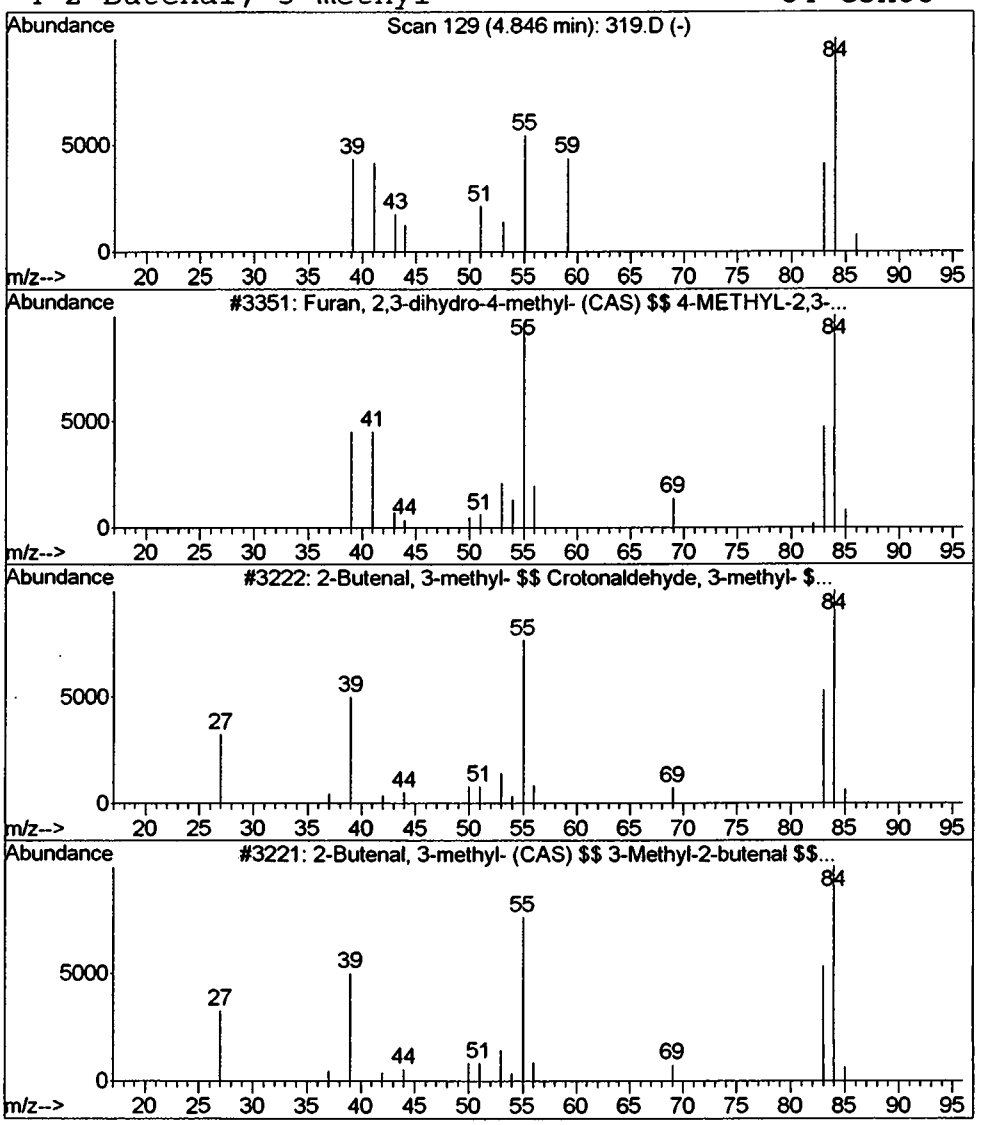
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

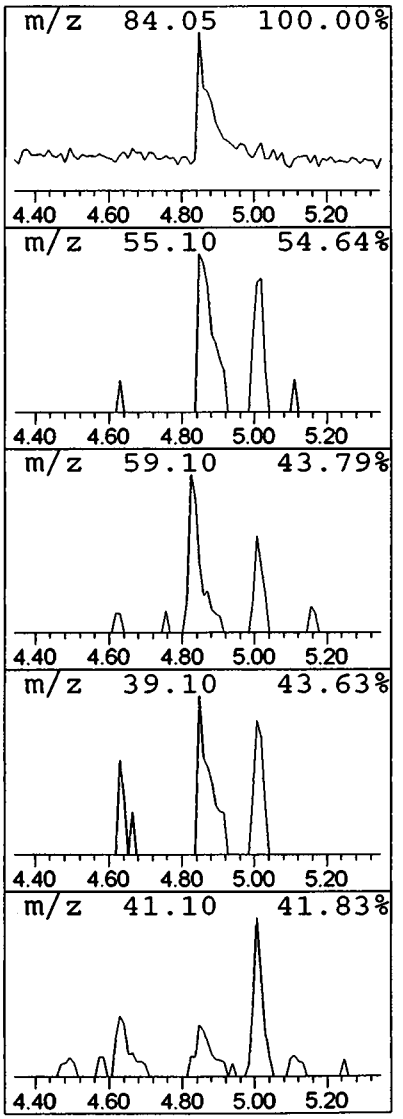
****

Peak Number 3 Furan, 2,3-dihydro-4-methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	0.18 ug/L	63121	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,3-dihydro-4-methyl- (CA...	84	C5H8O	034314-83-5	59
2	2-Butenal, 3-methyl- $$ Crotonal...	84	C5H8O	000107-86-8	59
3	2-Butenal, 3-methyl- (CAS) $$ 3-...	84	C5H8O	000107-86-8	59
4	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	42





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN08\319.D Vial: 4
Acq On : 8 Jan 2002 7:56 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

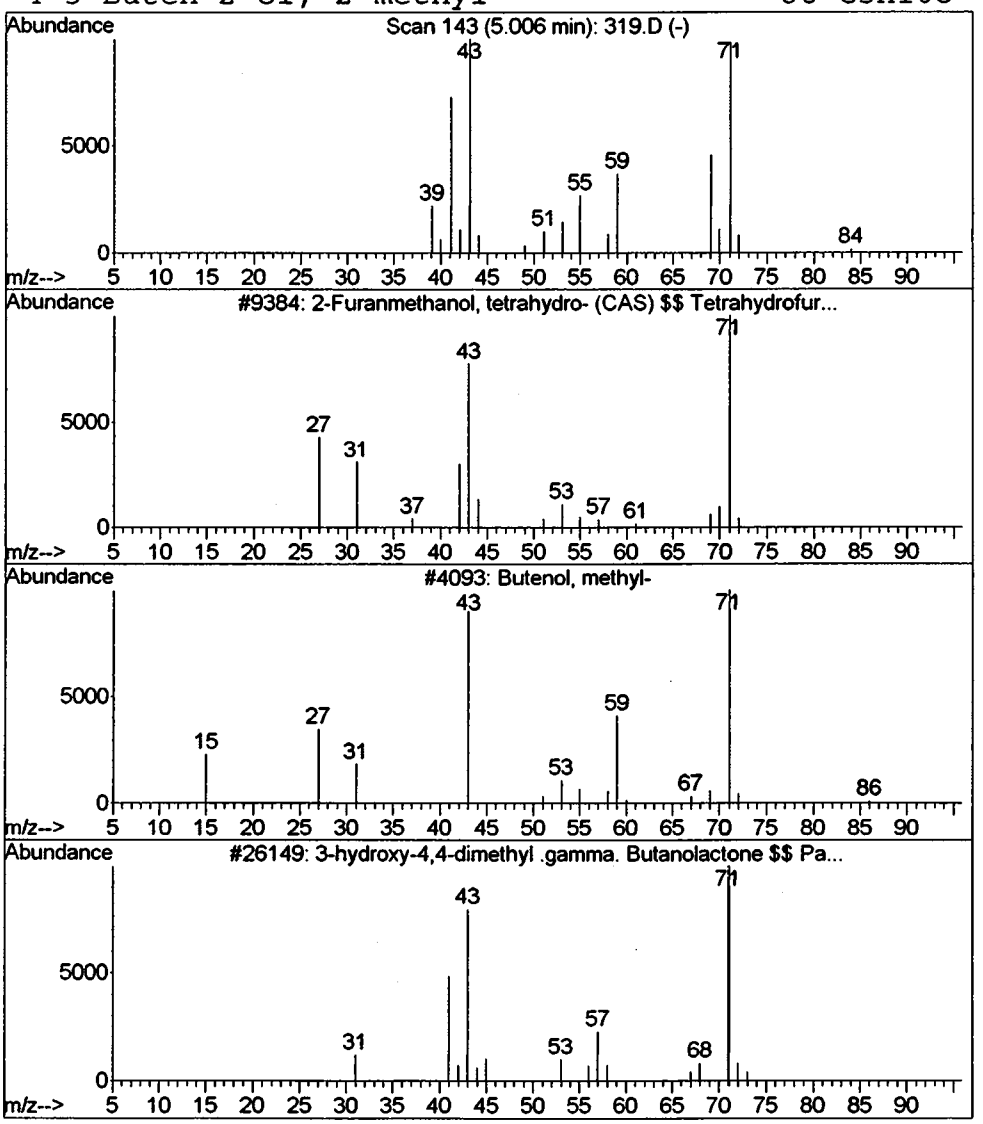
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

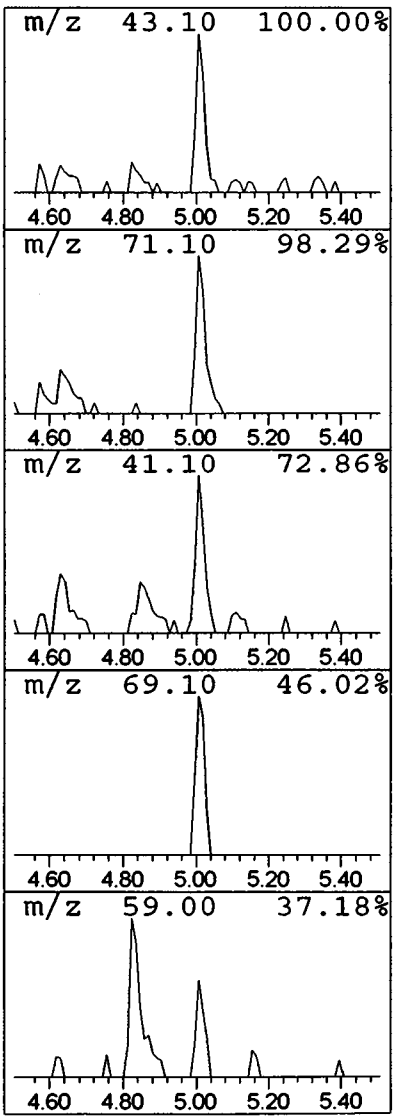
****

Peak Number 4 2-Furanmethanol, tetrahydro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	0.21 ug/L	71044	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Furanmethanol, tetrahydro- (CA...	102	C5H10O2	000097-99-4	59
2	Butenol, methyl-	86	C5H10O	060766-00-9	56
3	3-hydroxy-4,4-dimethyl .gamma. B...	130	C6H10O3	052126-90-6	53
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	50





Library Search Compound Report

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Acq On : 8 Jan 2002 7:56 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

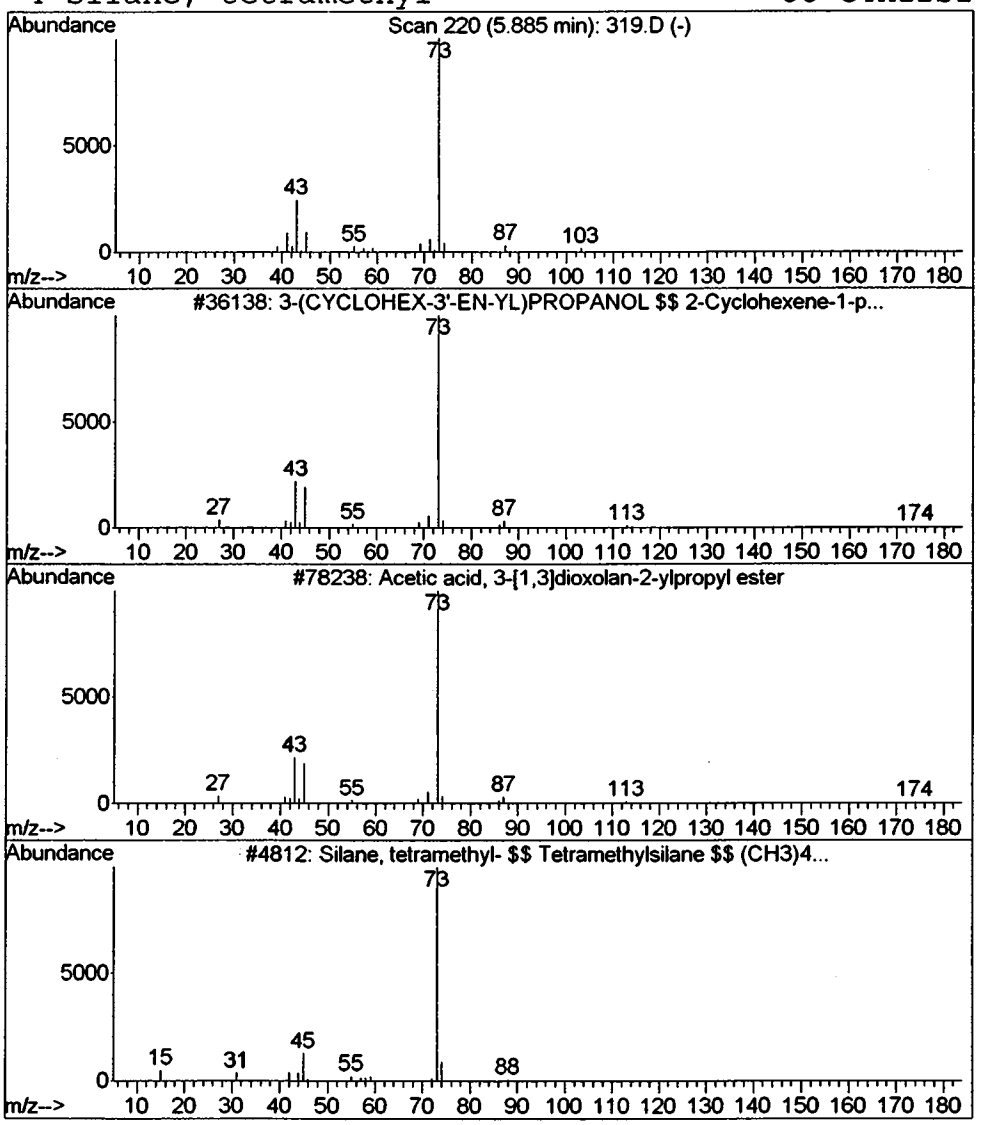
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

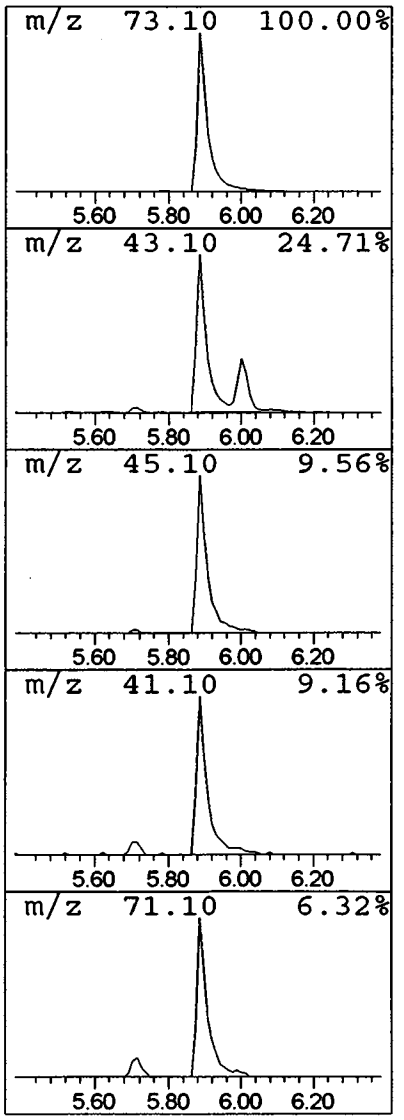
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	5.01 ug/L	1734900	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	25
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN08\319.D Vial: 4
Acq On : 8 Jan 2002 7:56 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

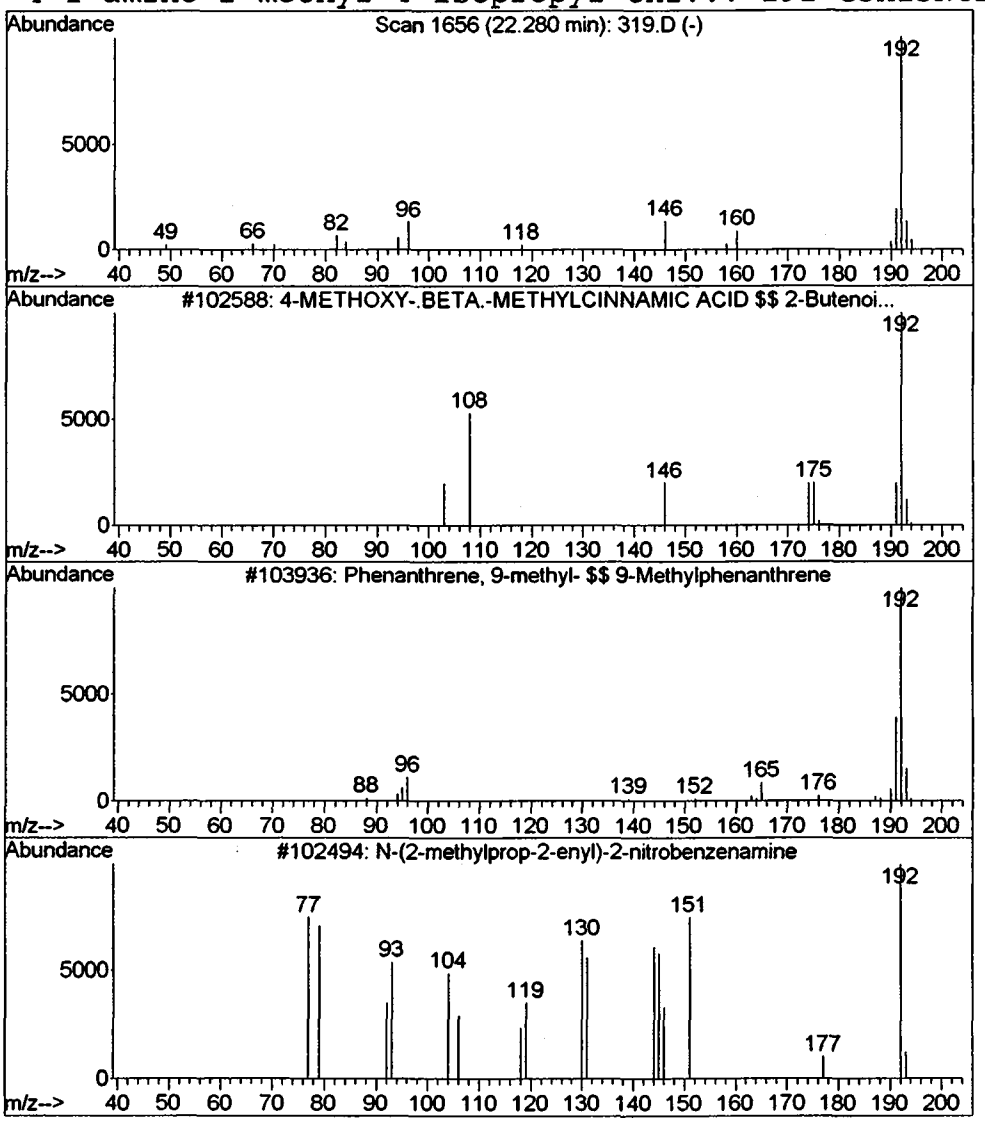
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

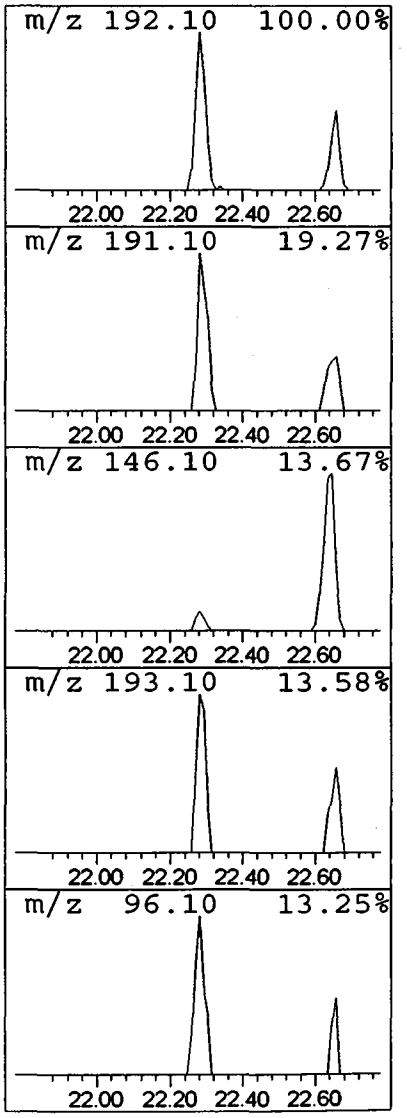
****

Peak Number 6 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.14 ug/L	84065	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	Phenanthrene, 9-methyl- $$ 9-Met...	192	C15H12	000883-20-5	53
3	N-(2-methylprop-2-enyl)-2-nitrob...	192	C10H12N2O2	000000-00-0	46
4	1-amino-2-methyl-4-isopropyl-thi...	192	C5H13N4PS	107264-54-0	45





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN08\319.D Vial: 4
Acq On : 8 Jan 2002 7:56 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

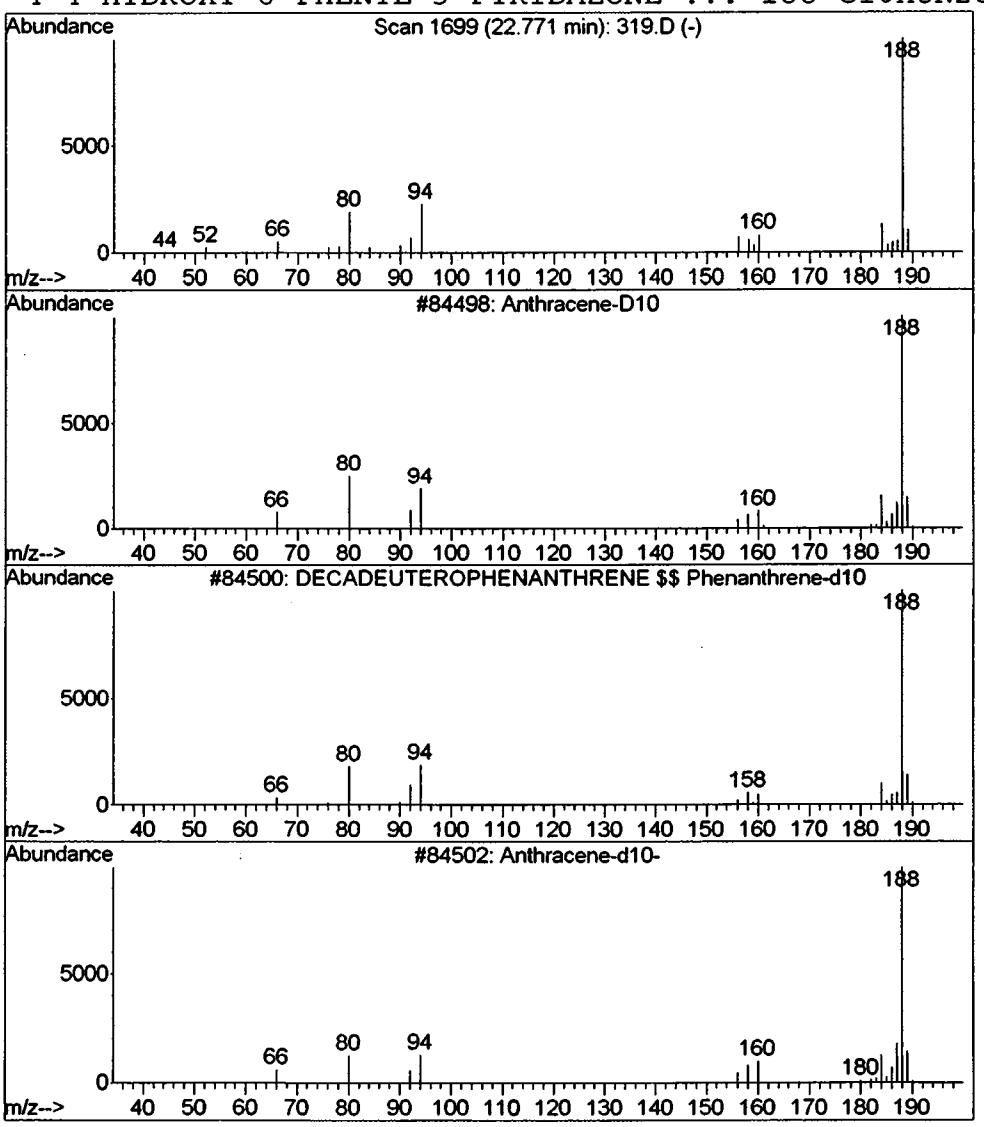
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

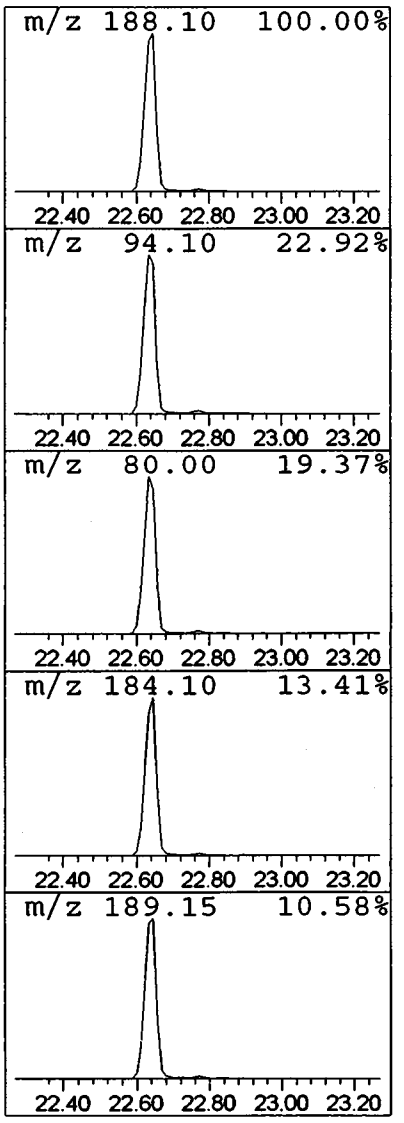
****

Peak Number 7 Anthracene-D10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.22 ug/L	135182	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-D10	188	C14D10	000000-00-0	90
2	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	90
3	Anthracene-d10-	188	C14D10	001719-06-8	87
4	4-HYDROXY-6-PHENYL-3-PYRIDAZONE ...	188	C10H8N2O2	058884-18-7	49





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 8 Jan 2002 7:56 pm
Data File: C:\MSDCHEM\1\5973N\02JAN08\319.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
Acetonitrile, dic...	3.49	0.2	ug/L	80094	1	9.72	6923910	20.0
2-Buten-1-ol, 3-m...	4.63	0.1	ug/L	49717	1	9.72	6923910	20.0
Furan, 2,3-dihydr...	4.85	0.2	ug/L	63121	1	9.72	6923910	20.0
2-Furanmethanol, ...	5.01	0.2	ug/L	71044	1	9.72	6923910	20.0
3-(CYCLOHEX-3'-EN...	5.89	5.0	ug/L	1734900	1	9.72	6923910	20.0
4-METHOXY-.BETA.-...	22.28	0.1	ug/L	84065	4	22.65	12111200	20.0
Anthracene-D10	22.77	0.2	ug/L	135182	4	22.65	12111200	20.0

Comments for Sample AE00319 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-10-2002 Time: 17:37:25

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds, except for the presence of bis(2-Ethylhexyl)phthalate at an estimated level of 1.2 ug/L.
The recoveries for 12 of the 43 compounds in the LCS Standard were above their acceptance ranges.