User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 01/10/2002 Time: 15:34:58

Sample: AE00277
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 1/9/02 15:33 Ended: 1/10/02 15:33 Analyst: WB
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		< MDL		2.0
2	bis(2-Chloroethyl)ether		< MDL		2.0
3	1,3-Dichlorobenzene		< MDL		2.0
4	1,4-Dichlorobenzene		< MDL		2.0
5	1,2-Dichlorobenzene		< MDL		2.0
6	2,2'-oxybis(1-Chloropropane)		< MDL		2.0
7	n-Nitrosodi-n-propylamine		< MDL		2.0
8	Hexachloroethane		< MDL		2.0
9	Nitrobenzene		< MDL		2.0
10	Isophorone		< MDL		2.0
11	bis(2-Chloroethoxy)methane		< MDL		2.0
12	1,2,4-Trichlorobenzene		< MDL		2.0
13	Naphthalene		< MDL		2.0
14	Hexachlorobutadiene		< MDL		2.0
15	Hexachlorocyclopentadiene		< MDL		2.0
16	2-Chloronaphthalene		< MDL		2.0
17	Dimethylphthalate		< MDL		2.0
18	2,6-Dinitrotoluene		< MDL		2.0
19	Acenaphthylene		< MDL		2.0
20	Acenaphthene		< MDL		2.0
21	2,4-Dinitrotoluene		< MDL		2.0
22	Diethylphthalate		< MDL		2.0
23	4-Chlorophenylphenylether		< MDL		2.0
24	Fluorene		< MDL		2.0
25	Azobenzene/1,2-Diphenylhydra		< MDL		2.0
26	n-Nitrosodiphenylamine		< MDL		2.0
27	4-Bromophenylphenylether		< MDL		2.0
28	Hexachlorobenzene		< MDL		2.0
29	Phenanthrene		< MDL		2.0
30	Anthracene		< MDL		2.0
31	Di-n-butylphthalate		< MDL		2.0
32	Fluoranthene		< MDL		2.0
33	Pyrene		< MDL		2.0
34	Butylbenzylphthalate		< MDL		2.0
35	Benzo(a)anthracene		< MDL		2.0
36	bis(2-Ethylhexyl)phthalate		< MDL		2.0
37	Chrysene		< MDL		2.0
38	Di-n-octylphthalate		< MDL		2.0
39	Benzo(b)fluoranthene		< MDL		2.0
40	Benzo(k)fluoranthene		< MDL		2.0
41	Benzo(a)pyrene		< MDL		2.0
42	Indeno(1,2,3-cd)pyrene		< MDL		2.0
43	Dibenz(a,h)anthracene		< MDL		2.0
44	Benzo(g,h,i)perylene		< MDL		2.0

Data File : C:\MSDCHEM\1\5973N\02JAN09\0107BLA.D Vial: 1
Acq On : 9 Jan 2002 5:19 pm Operator:
Sample : lab blank 1/7 a Inst : Instrumen
Misc : January 9, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 10 08:37:43 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	1423263	20.00	ug/L		0.00
10) Naphthalene-d8	13.19	136	6098009	20.00	ug/L		-0.02
17) Acenaphthene-d10	18.34	164	3111564	20.00	ug/L		-0.01
29) Phenanthrene-d10	22.63	188	5110911	20.00	ug/L		-0.03
38) Chrysene-d12	30.49	240	4548104	20.00	ug/L		-0.02
44) Perylene-d12	34.42	264	3271754	20.00	ug/L		0.00
System Monitoring Compounds							
37) 2,4-DDD	27.73	235	438036	5.42	ug/L		0.00
Spiked Amount 5.000			Recovery =	108.40%			
Target Compounds							Qvalue
2) N-nitroso-dimethylamine	3.59	74	11834	0.20	ug/L	#	13
3) bis (2-Chloroethyl) ether	9.25	93	10839	Below Cal			73
4) 1,3-Dichlorobenzene	9.61	146	8504	0.08	ug/L		97
5) 1,4-Dichlorobenzene	9.76	146	9326	0.09	ug/L		89
6) 1,2-Dichlorobenzene	10.24	146	8958	0.09	ug/L		93
7) 2,2'-oxybis (1-Chloropropa	10.68	45	12807	0.08	ug/L	#	46
8) N-nitroso-di-n-propylamine	11.08	70	5645	0.08	ug/L	#	56
9) Hexachloroethane	0.00	117	0	N.D.			
11) Nitrobenzene	11.35	77	6395	0.06	ug/L		92
12) Isophorone	12.07	82	10826	0.05	ug/L		99
13) bis (2-Chloroethoxy) metha	12.77	93	12170	0.10	ug/L		86
14) 1,2,4-Trichlorobenzene	13.11	180	9009	0.11	ug/L		96
15) Naphthalene	13.25	128	35683	0.12	ug/L		95
16) Hexachlorobutadiene	0.00	225	0	N.D.			
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.			
19) 2-Chloronaphthalene	16.65	162	15694	0.09	ug/L		87
20) Dimethylphthalate	17.90	163	14760	0.07	ug/L		91
21) 2,6-Dinitrotoluene	18.34	165	393274	9.81	ug/L	#	17
22) Acenaphthylene	17.86	152	13368	0.05	ug/L		87
23) Acenaphthene	18.42	153	18249	0.10	ug/L		90
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.			
25) Diethylphthalate	20.00	149	15186	0.08	ug/L		96
26) 4-Chlorophenyl-phenylether	20.03	204	7828	0.09	ug/L		90
27) Fluorene	19.91	166	13793	0.07	ug/L		87
28) Azobenzene	20.46	77	12229	0.05	ug/L		88
30) N-nitrosodiphenylamine	20.43	169	8279	0.06	ug/L		98
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.			
32) Hexachlorobenzene	21.77	284	5400	0.10	ug/L		94
33) Phenanthrene	22.69	178	33875	0.12	ug/L		95
34) Anthracene	22.82	178	23274	0.09	ug/L		94

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

Data File : C:\MSDCHEM\1\5973N\02JAN09\0107BLA.D Vial: 1
Acq On : 9 Jan 2002 5:19 pm Operator:
Sample : lab blank 1/7 a Inst : Instrumen
Misc : January 9, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 10 08:37:43 2002 Quant Results File: SCAN508.RES

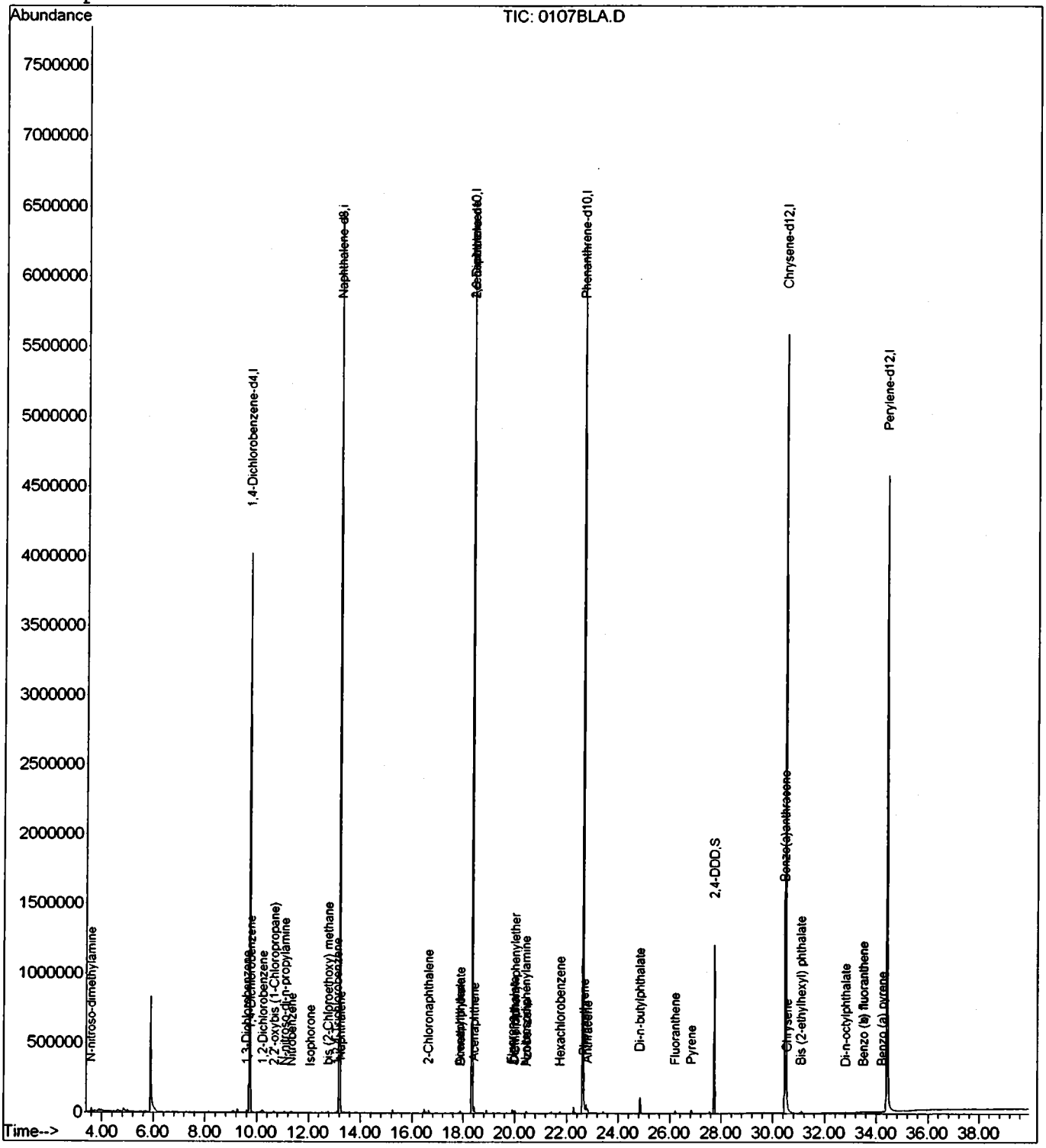
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Wed Jan 09 12:49:14 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
35)	Di-n-butylphthalate	24.85	149	141017	0.43	ug/L		99
36)	Fluoranthene	26.22	202	20784	0.07	ug/L	#	89
39)	Pyrene	26.85	202	23702	0.07	ug/L	#	88
40)	Butylbenzylphthalate	0.00	149	0	N.D.			
41)	Benzo(a)anthracene	30.47	228	25228	0.09	ug/L		94
42)	Bis (2-ethylhexyl) phthala	31.11	149	11878	0.60	ug/L		96
43)	Chrysene	30.56	228	27192	0.10	ug/L		90
45)	Di-n-octylphthalate	32.82	149	5059	0.02	ug/L	#	74
46)	Benzo (b) fluoranthene	33.51	252	5600	0.02	ug/L		96
47)	Benzo (k) fluoranthene	33.51	252	5600	0.02	ug/L		96
48)	Benzo (a) pyrene	34.23	252	7151	0.03	ug/L	#	61
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

Data File : C:\MSDCHEM\1\5973N\02JAN09\0107BLA.D Vial: 1
Acq On : 9 Jan 2002 5:19 pm Operator:
Sample : lab blank 1/7 a Inst : Instrumen
Misc : January 9, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 10 8:37 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



Data File : C:\MSDCHEM\1\5973N\02JAN09\0107BLA.D Vial: 1
Acq On : 9 Jan 2002 5:19 pm Operator:
Sample : lab blank 1/7 a Inst : Instrumen
Misc : January 9, 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

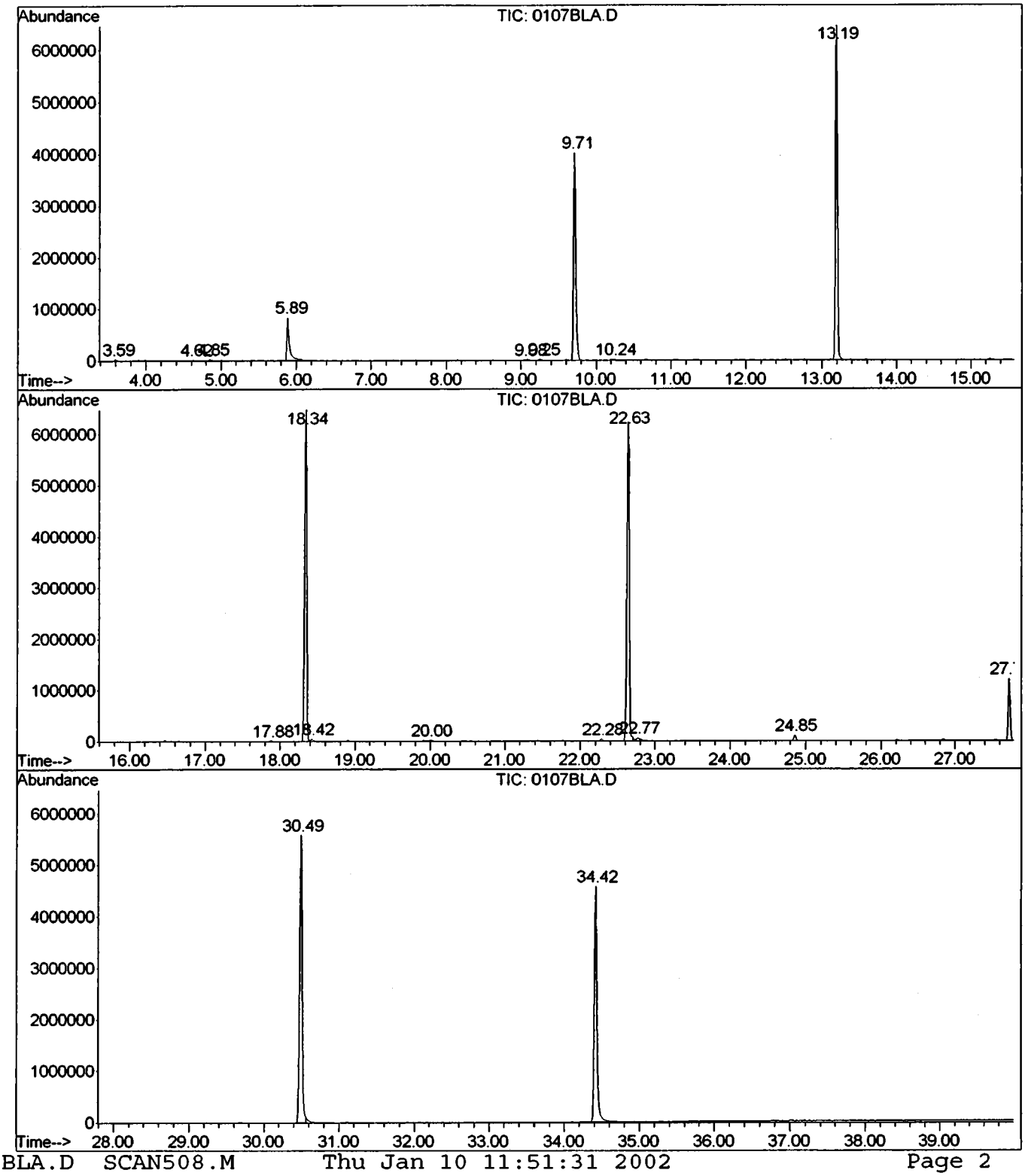
If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.591	15	19	25	rBV	27218	54247	0.40%	0.072%
2	4.618	107	109	123	rVB6	13599	55659	0.41%	0.074%
3	4.847	123	129	139	rBV2	23828	93667	0.69%	0.124%
4	5.886	217	220	243	rBV	833476	2006837	14.86%	2.651%
5	9.082	493	500	507	rVV3	15328	57356	0.42%	0.076%
6	9.254	511	515	521	rBV3	22106	64981	0.48%	0.086%
7	9.710	551	555	563	rVV	4019946	8120862	60.15%	10.729%
8	10.235	595	601	613	rVB4	18220	83160	0.62%	0.110%
9	13.192	855	860	865	rBV	6462046	11737479	86.93%	15.507%
10	17.885	1265	1271	1275	rVB3	18043	55106	0.41%	0.073%
11	18.341	1305	1311	1315	rVV	6483992	12648757	93.68%	16.710%
12	18.421	1315	1318	1323	rVV	46974	91591	0.68%	0.121%
13	19.997	1451	1456	1463	rVV3	20720	73507	0.54%	0.097%
14	22.280	1651	1656	1661	rVB2	44537	86311	0.64%	0.114%
15	22.634	1681	1687	1693	rBV2	6234722	13501627	100.00%	17.837%
16	22.771	1695	1699	1715	rVB2	63410	227457	1.68%	0.300%
17	24.849	1877	1881	1887	rVV	114730	222822	1.65%	0.294%
18	27.726	2129	2133	2139	rBV	1211585	2135545	15.82%	2.821%
19	30.489	2369	2375	2381	rBV2	5580976	13204290	97.80%	17.444%
20	34.416	2713	2719	2747	rBV	4562000	11172400	82.75%	14.760%

Sum of corrected areas: 75693661

File : C:\MSDCHEM\1\5973N\02JAN09\0107BLA.D
Operator :
Acquired : 9 Jan 2002 5:19 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: lab blank 1/7 a
Misc Info : January 9, 2002
Vial Number: 1
Quant File :SCAN508.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\5973N\02JAN09\0107BLA.D Vial: 1
Acq On : 9 Jan 2002 5:19 pm Operator:
Sample : lab blank 1/7 a Inst : Instrumen
Misc : January 9, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

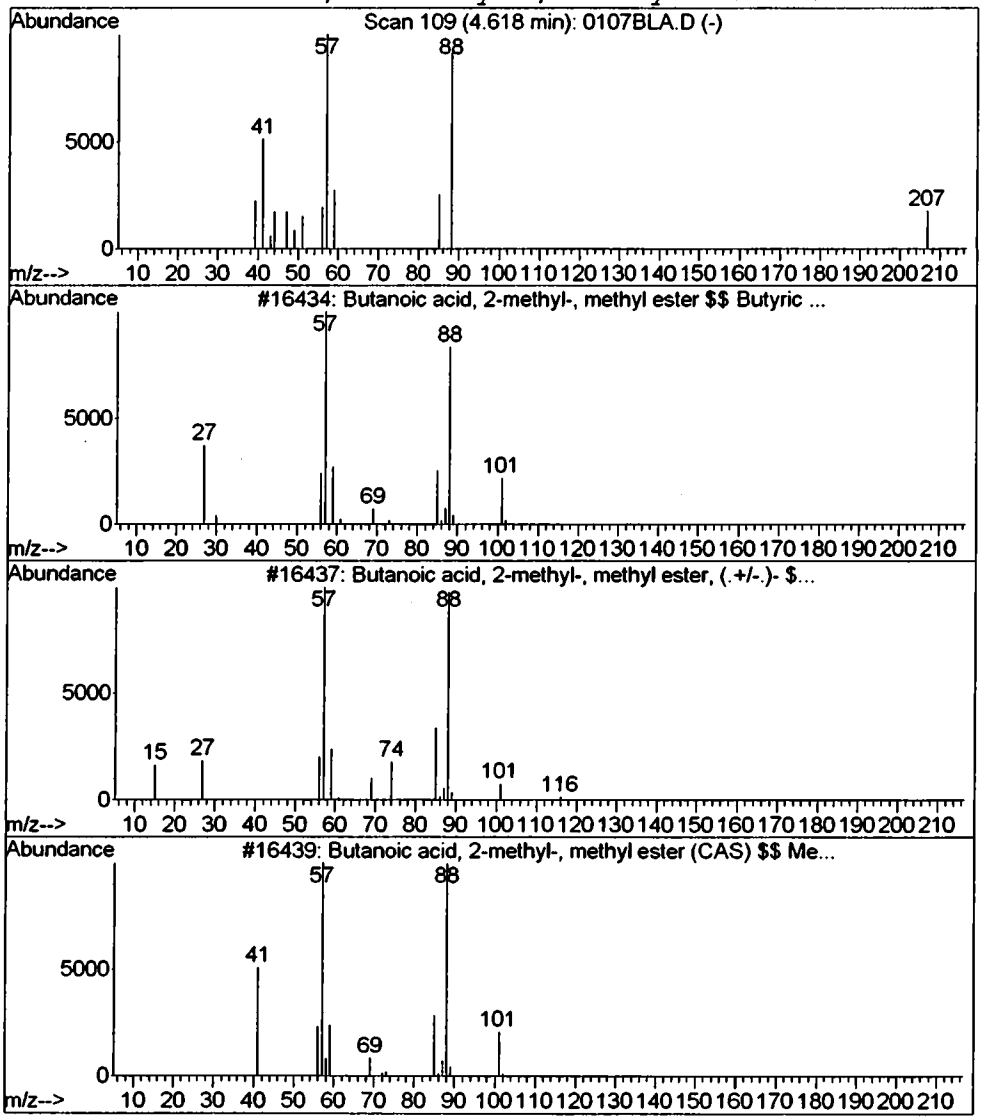
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

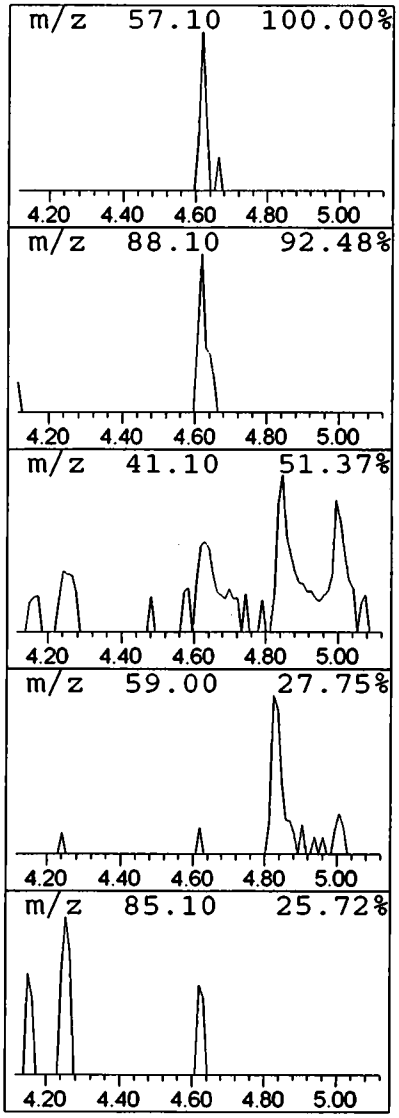
****

Peak Number 1 Butanoic acid, 2-methyl-, m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	0.14 ug/L	55659	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	56
2	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	053955-81-0	56
3	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	56
4	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	56





Data File : C:\MSDCHEM\1\5973N\02JAN09\0107BLA.D Vial: 1
Acq On : 9 Jan 2002 5:19 pm Operator:
Sample : lab blank 1/7 a Inst : Instrumen
Misc : January 9, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

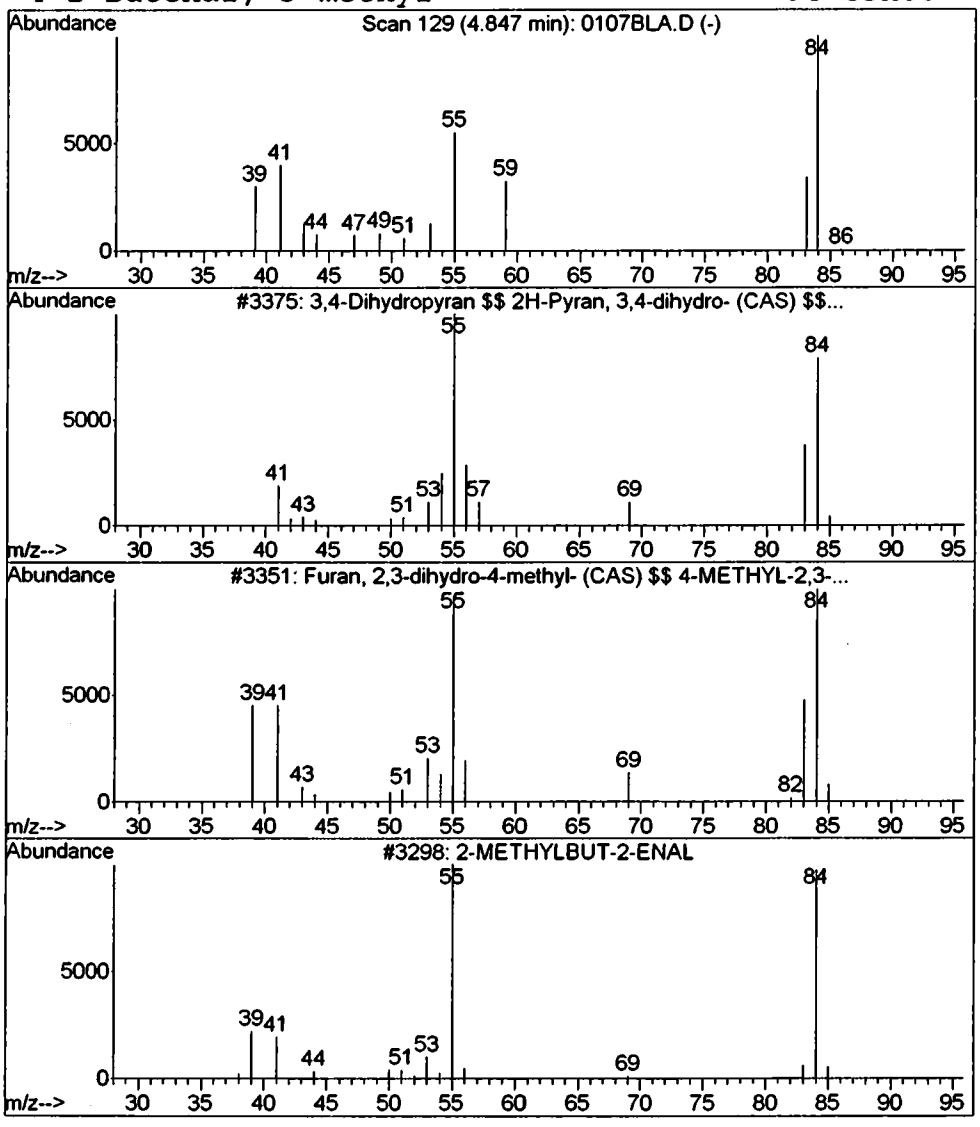
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

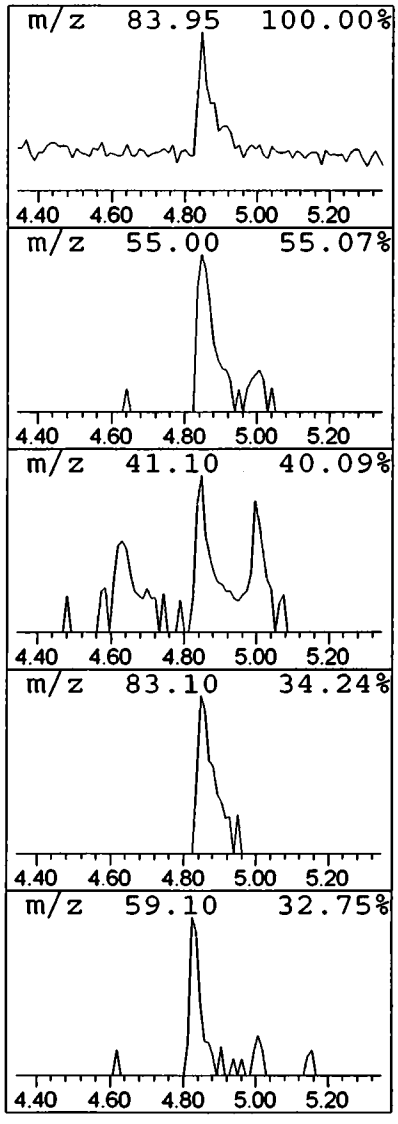
****

Peak Number 2 3,4-Dihydropyran $$ 2H-Pyra... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	0.23 ug/L	93667	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dihydropyran $$ 2H-Pyran, 3,...	84	C5H8O	000110-87-2	72
2	Furan, 2,3-dihydro-4-methyl- (CA...	84	C5H8O	034314-83-5	64
3	2-METHYLBUT-2-ENAL	84	C5H8O	000000-00-0	53
4	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	50





Data File : C:\MSDCHEM\1\5973N\02JAN09\0107BLA.D Vial: 1
Acq On : 9 Jan 2002 5:19 pm Operator:
Sample : lab blank 1/7 a Inst : Instrumen
Misc : January 9, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

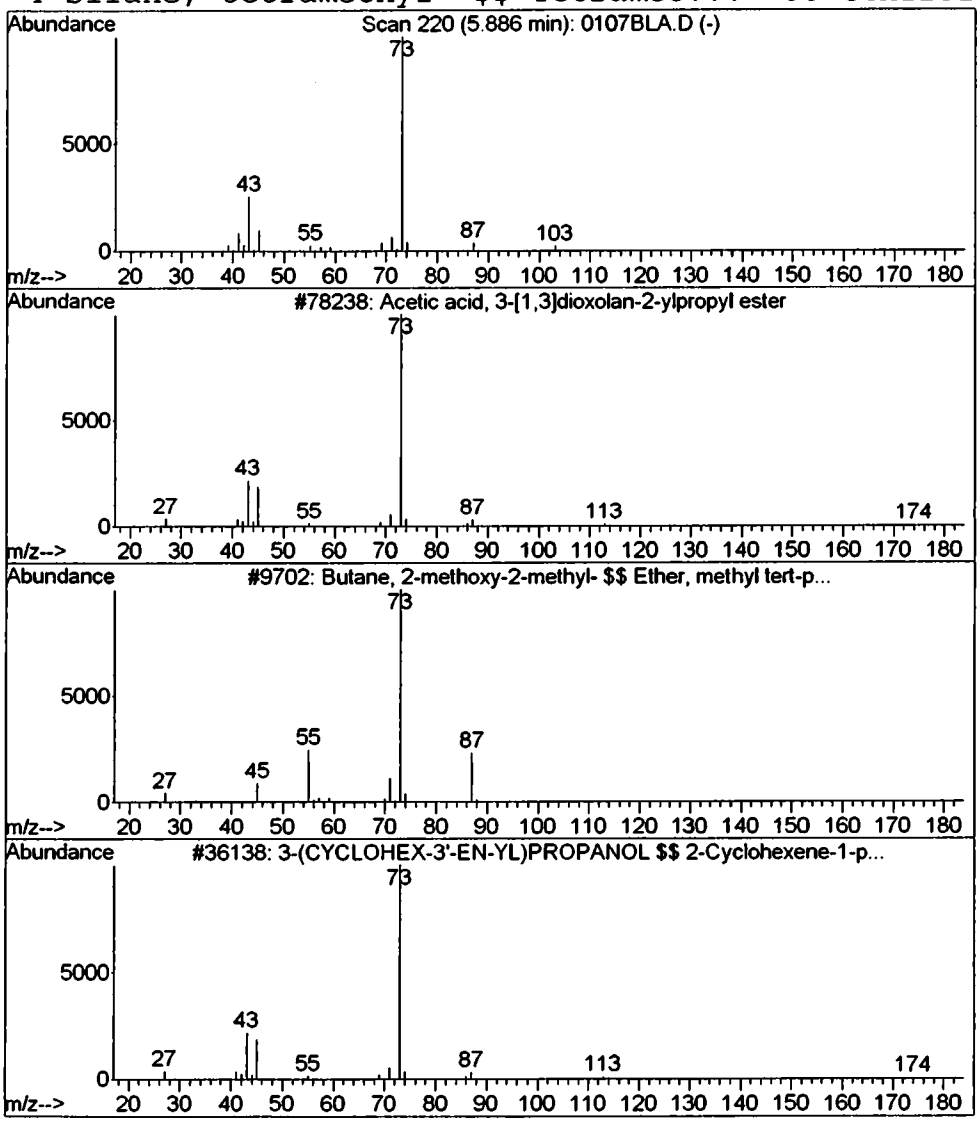
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

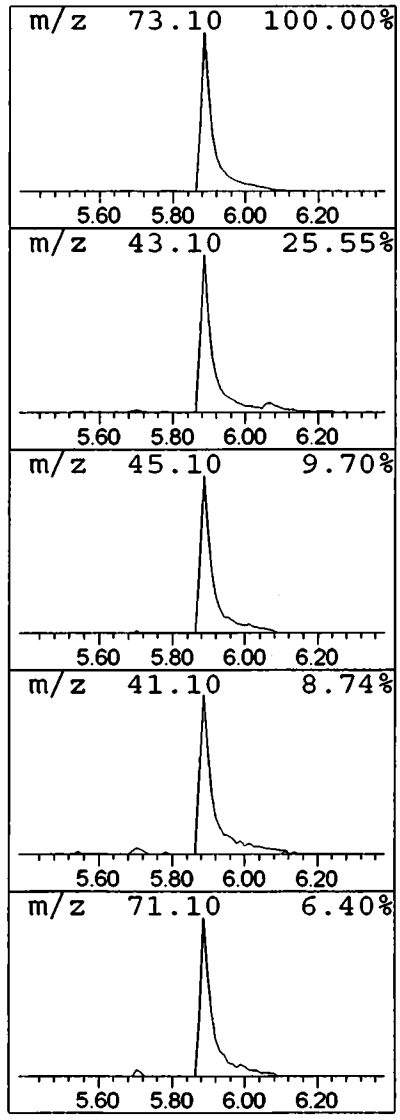
****

Peak Number 3 Acetic acid, 3-[1,3]dioxola... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	4.94 ug/L	2006840	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	33
2	Butane, 2-methoxy-2-methyl- $$ E...	102	C6H14O	000994-05-8	33
3	3-(CYCLOHEX-3'-EN-YL) PROPANOL $$...	174	C8H14O4	015745-87-6	33
4	Silane, tetramethyl- $$ Tetramet...	88	C4H12Si	000075-76-3	25





Data File : C:\MSDCHEM\1\5973N\02JAN09\0107BLA.D Vial: 1
Acq On : 9 Jan 2002 5:19 pm Operator:
Sample : lab blank 1/7 a Inst : Instrumen
Misc : January 9, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

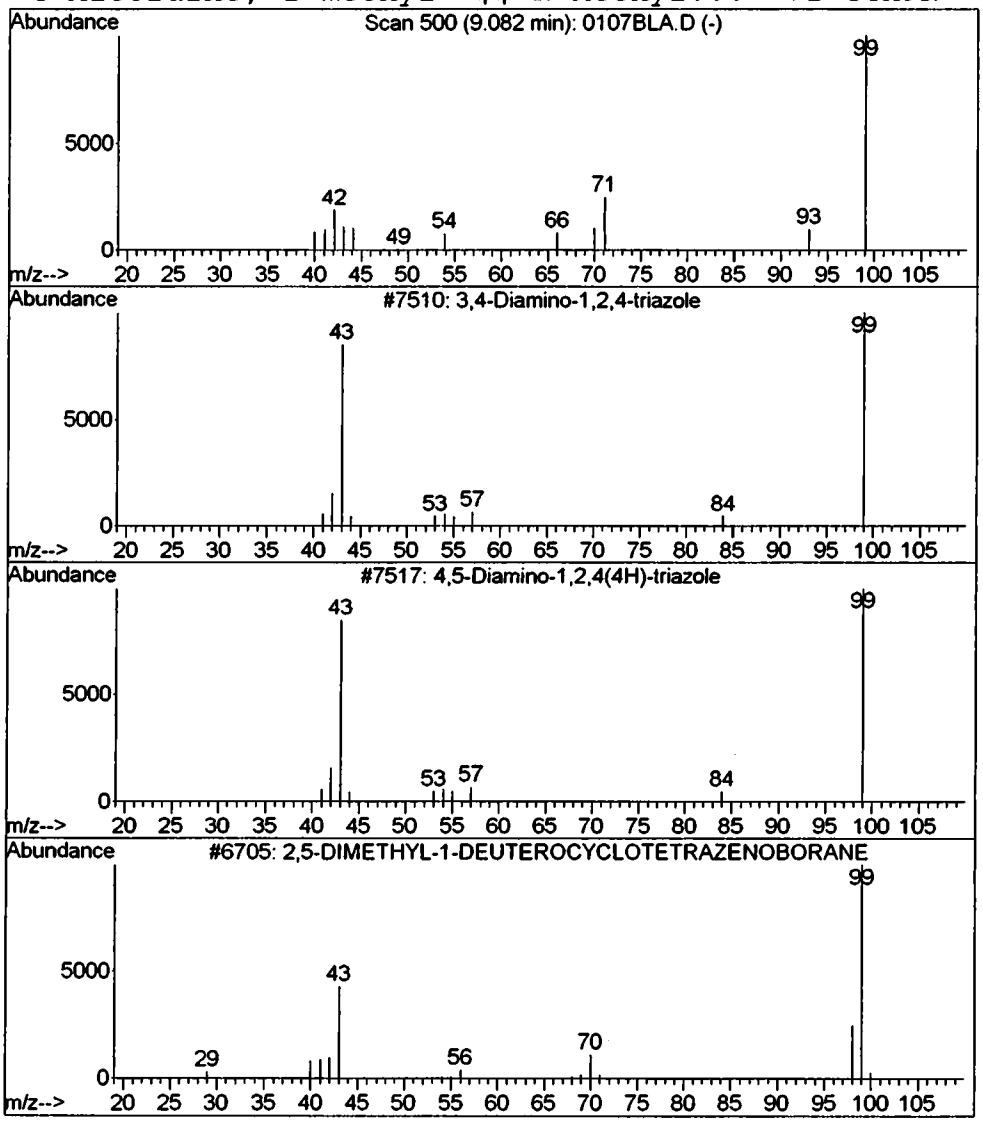
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

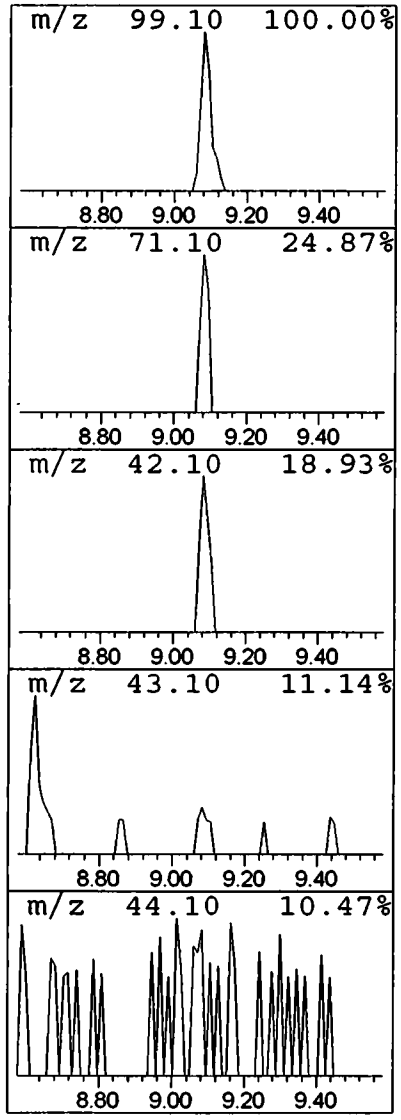
****

Peak Number 4 3,4-Diamino-1,2,4-triazole Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	0.14 ug/L	57356	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Diamino-1,2,4-triazole	99	C2H5N5	000000-00-0	36
2	4,5-Diamino-1,2,4(4H)-triazole	99	C2H5N5	000000-00-0	36
3	2,5-DIMETHYL-1-DEUTEROCYCLOTETRA...	99	C2H6DBN4	020546-17-2	7
4	Azetidine, 1-methyl- $$ N-Methyl...	71	C4H9N	004923-79-9	5





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Data File : C:\MSDCHEM\1\5973N\02JAN09\0107BLA.D        Vial: 1
Acq On    :  9 Jan 2002    5:19 pm                   Operator:
Sample    : lab blank 1/7 a                          Inst    : Instrumen
Misc      : January 9, 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
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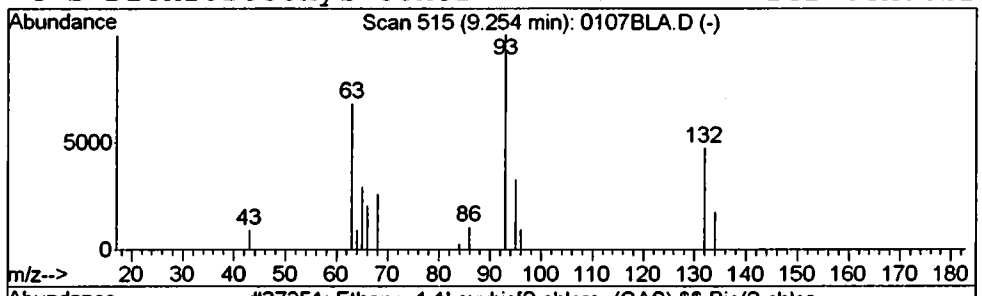
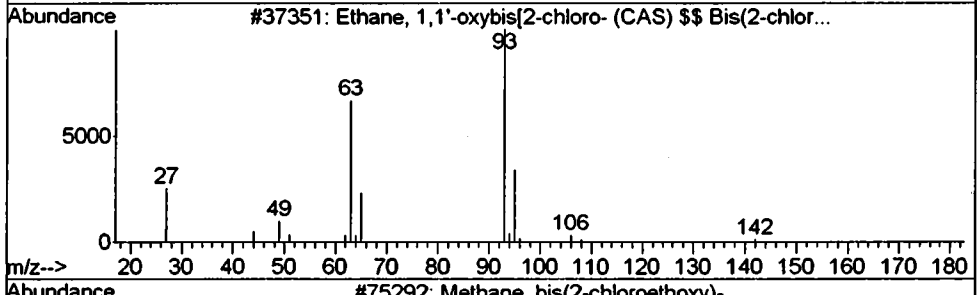
****

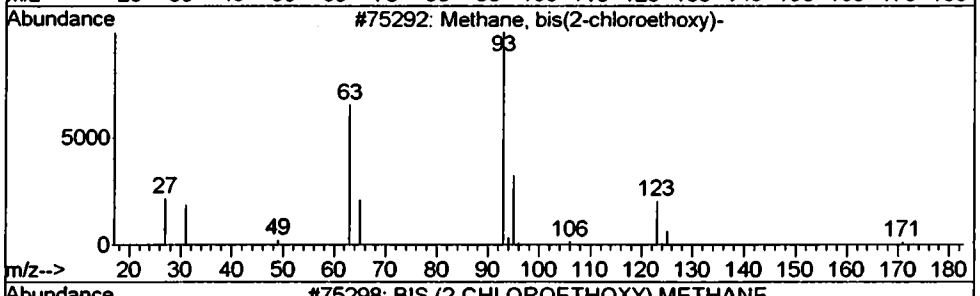
Peak Number 5 Ethane, 1,1'-oxybis[2-chlor... Concentration Rank 3

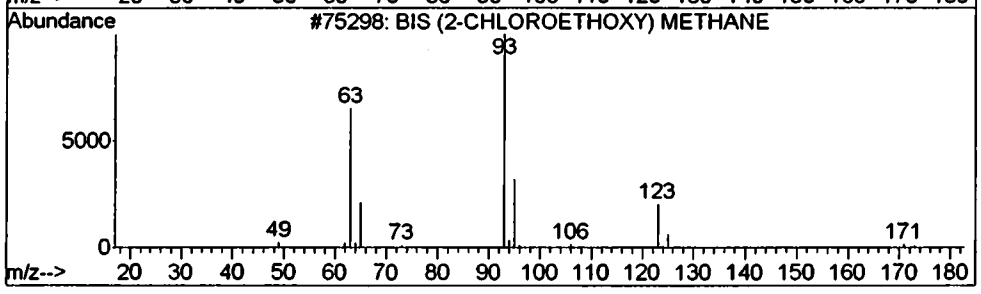
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	0.16 ug/L	64981	1,4-Dichlorobenzene-d4	9.71

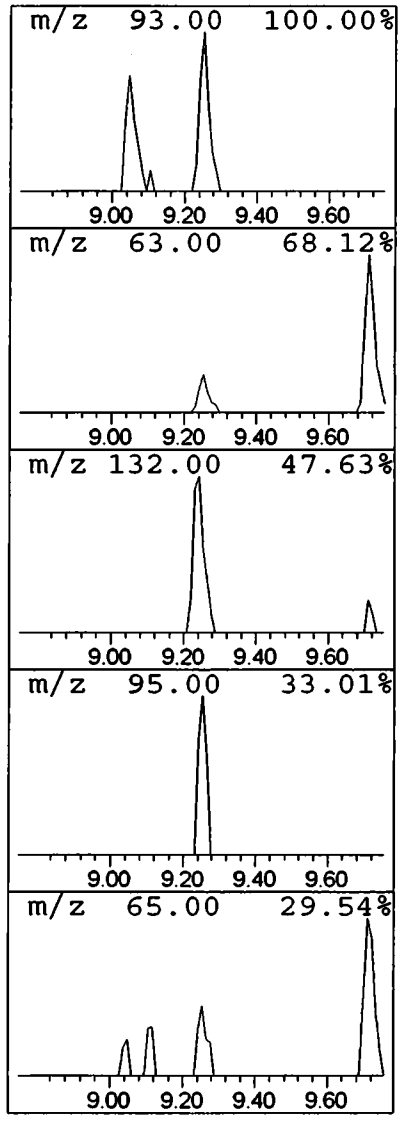
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1'-oxybis[2-chloro- (C...	142	C4H8Cl2O	000111-44-4	33
2	Methane, bis(2-chloroethoxy)-	172	C5H10Cl2O2	000111-91-1	33
3	BIS (2-CHLOROETHOXY) METHANE	172	C5H10Cl2O2	000000-00-0	33
4	s-Dichloroethyl ether	142	C4H8Cl2O	000111-44-4	33











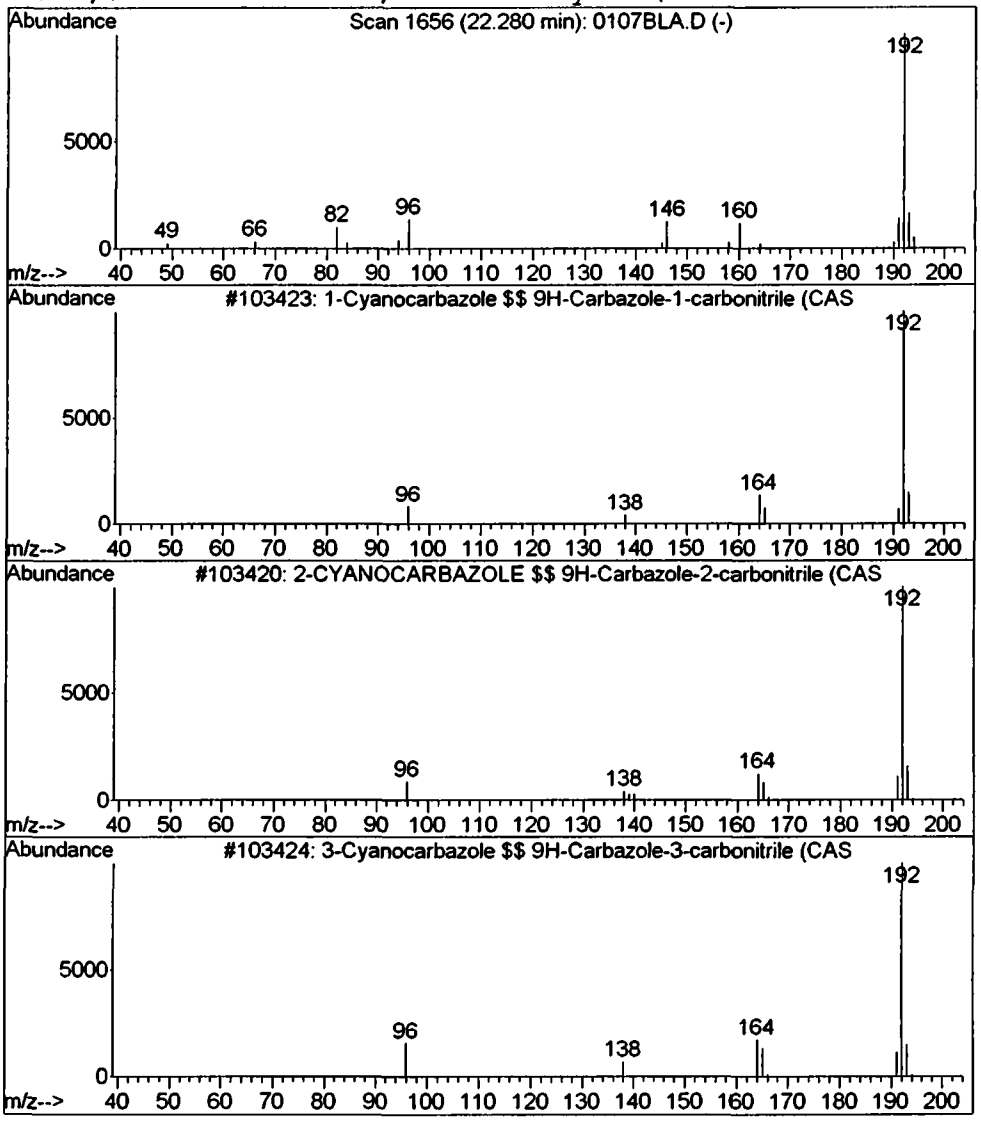
```
Data File : C:\MSDCHEM\1\5973N\02JAN09\0107BLA.D        Vial: 1
Acq On    :  9 Jan 2002    5:19 pm                   Operator:
Sample    : lab blank 1/7 a                          Inst    : Instrumen
Misc      : January 9, 2002                          Multiplr: 1.00
MS Integration Params: LSCINT.P

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

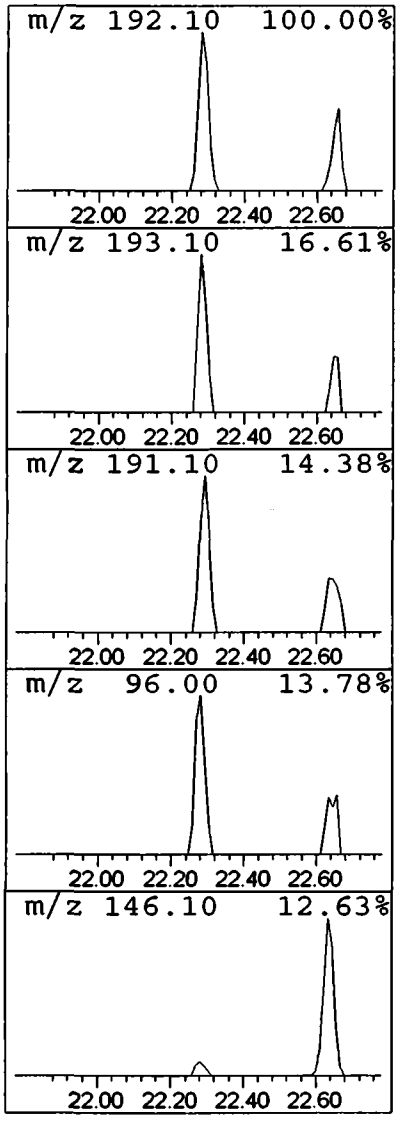
****

Peak Number 6 1-Cyanocarbazole $$ 9H-Carb... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.13 ug/L	86311	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	083415-88-7	72
2	2-CYANOCARBAZOLE $$ 9H-Carbazole...	192	C13H8N2	057955-18-7	64
3	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	64
4	1,3-Benzodioxole, 4-methoxy-6-(2...	192	C11H12O3	000607-91-0	52





Operator ID: Date Acquired: 9 Jan 2002 5:19 pm
Data File: C:\MSDCHEM\1\5973N\02JAN09\0107BLA.D
Name: lab blank 1/7 a
Misc: January 9, 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 #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Butanoic acid, 2-...	4.62	0.1	ug/L	55659	1	9.71	8120860	20.0
3,4-Dihydropyran ...	4.85	0.2	ug/L	93667	1	9.71	8120860	20.0
Acetic acid, 3-[1...	5.89	4.9	ug/L	2006840	1	9.71	8120860	20.0
3,4-Diamino-1,2,4...	9.08	0.1	ug/L	57356	1	9.71	8120860	20.0
Ethane, 1,1'-oxyb...	9.25	0.2	ug/L	64981	1	9.71	8120860	20.0
1-Cyanocarbazole ...	22.28	0.1	ug/L	86311	4	22.63	13501600	20.0