User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 01/10/2002 Time: 10:41:29

Sample: AE00275
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 1/8/02 10:39 Ended: 1/10/02 10:39 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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN08\BLEX0107.D Vial: 1
Acq On : 8 Jan 2002 4:18 pm Operator:
Sample : blank - ext 1/7/02 Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 09 12:50:23 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	1174999	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	5077302	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	2699905	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.63	188	4495734	20.00	ug/L	-0.03
38) Chrysene-d12	30.50	240	3940568	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	2854661	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	385909	5.43	ug/L	0.00
Spiked Amount 5.000			Recovery = 108.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethylamine	3.60	74	10687	0.21	ug/L #	9
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	432008	2.42	ug/L #	56
21) 2,6-Dinitrotoluene	18.34	165	346373	9.96	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
BLEX0107.D SCAN508.M Wed Jan 09 12:50:23 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN08\BLEX0107.D Vial: 1
Acq On : 8 Jan 2002 4:18 pm Operator:
Sample : blank - ext 1/7/02 Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 09 12:50:23 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

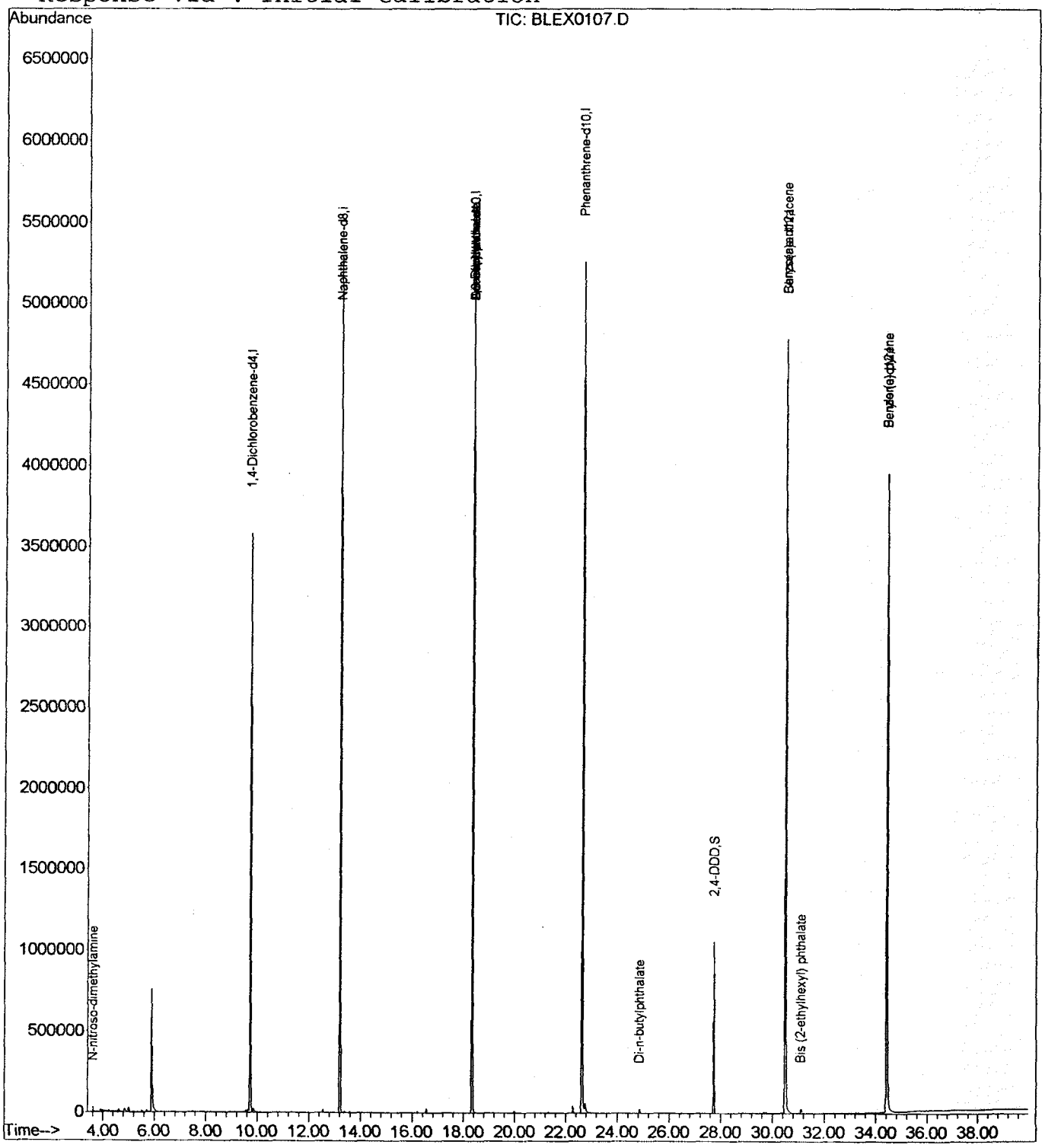
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Di-n-butylphthalate	24.85	149	28743	0.10 ug/L	94
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	30.50	228	10209	0.04 ug/L #	52
42)	Bis (2-ethylhexyl) phthala	31.11	149	26951	0.69 ug/L	87
43)	Chrysene	30.50	228	10209	0.04 ug/L #	50
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	9958	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
BLEX0107.D SCAN508.M Wed Jan 09 12:50:23 2002 Page 2

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN08\BLEX0107.D Vial: 1
Acq On : 8 Jan 2002 4:18 pm Operator:
Sample : blank - ext 1/7/02 Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 9 12:50 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\BLEX0107.D Vial: 1
Acq On : 8 Jan 2002 4:18 pm Operator:
Sample : blank - ext 1/7/02 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 : 1 Min Area: 5000 Area counts
Start Thrs: 0.2 Max Peaks: 30
Stop Thrs : 0 Peak Location: TOP

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

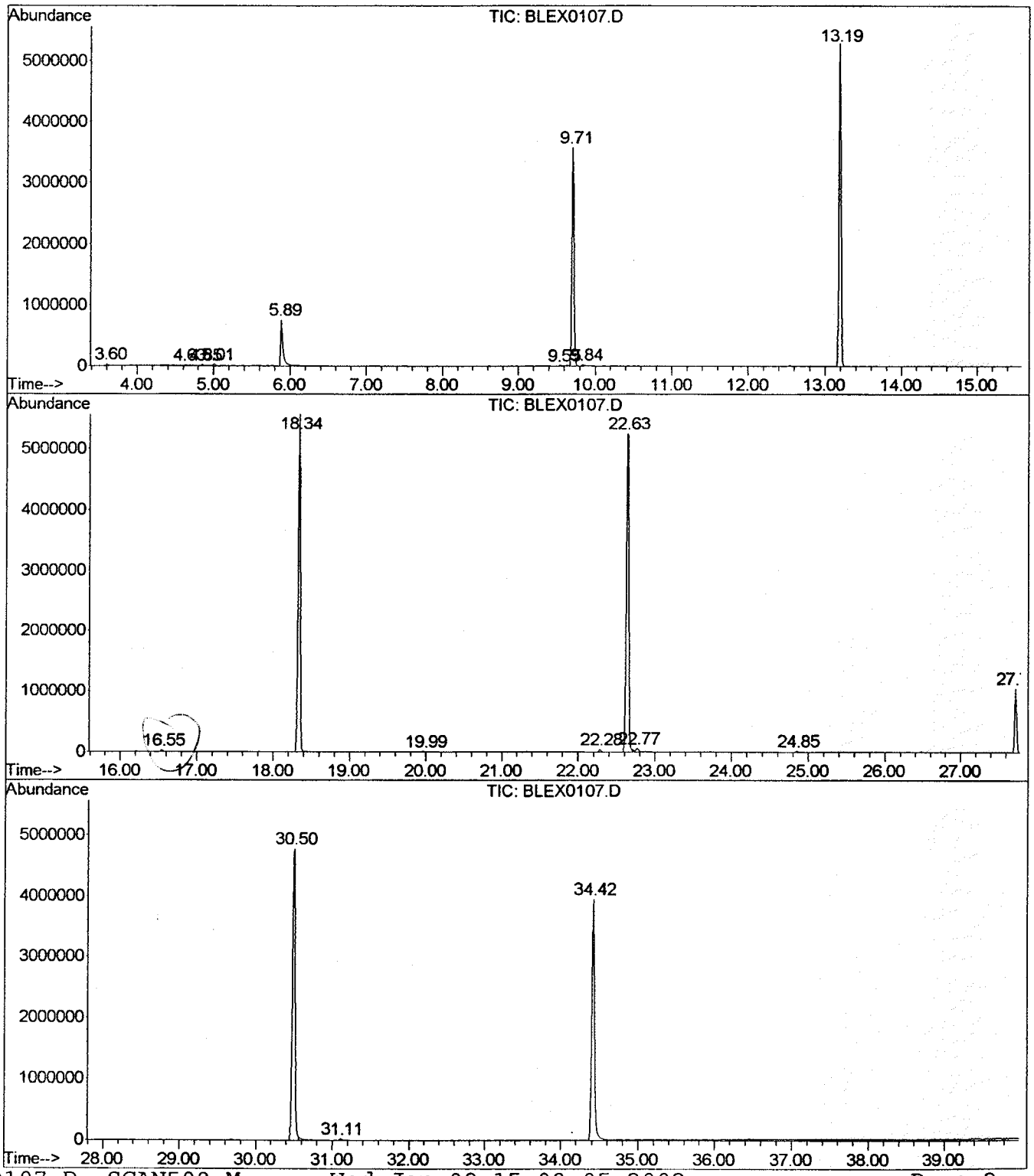
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.602	17	20	25	rBV	30100	46964	0.40%	0.073%
2	4.630	103	110	115	rBV4	15694	43126	0.36%	0.067%
3	4.847	125	129	137	rBV3	19138	55051	0.47%	0.085%
4	5.006	141	143	147	rVB	27964	47223	0.40%	0.073%
5	5.886	215	220	247	rVB	756198	1593396	13.46%	2.466%
6	9.550	539	541	547	rBV2	13018	39911	0.34%	0.062%
7	9.710	551	555	561	rVV	3579627	6648229	56.18%	10.288%
8	9.836	561	566	577	rVB	22052	59000	0.50%	0.091%
9	13.192	855	860	865	rBV	5295069	9736517	82.27%	15.067%
10	16.549	1151	1154	1159	rVB	24153	46249	0.39%	0.072%
11	18.341	1305	1311	1315	rBV	5572556	10906894	92.16%	16.878%
12	19.985	1445	1455	1459	rBB3	12003	37904	0.32%	0.059%
13	22.280	1653	1656	1661	rBV2	41839	80512	0.68%	0.125%
14	22.634	1681	1687	1693	rBV2	5254053	11834820	100.00%	18.314%
15	22.771	1695	1699	1713	rVB	59803	172345	1.46%	0.267%
16	24.849	1877	1881	1887	rBV	23264	40179	0.34%	0.062%
17	27.726	2129	2133	2139	rVV	1055381	1852100	15.65%	2.866%
18	30.500	2369	2376	2381	rBV	4777945	11547146	97.57%	17.869%
19	31.105	2425	2429	2441	rVB	27399	85841	0.73%	0.133%
20	34.416	2713	2719	2743	rBV	3945338	9748691	82.37%	15.086%

Sum of corrected areas: 64622098

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN08\BLEX0107.D
Operator :
Acquired : 8 Jan 2002 4:18 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: blank - ext 1/7/02
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\BLEX0107.D Vial: 1
Acq On : 8 Jan 2002 4:18 pm Operator:
Sample : blank - ext 1/7/02 Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

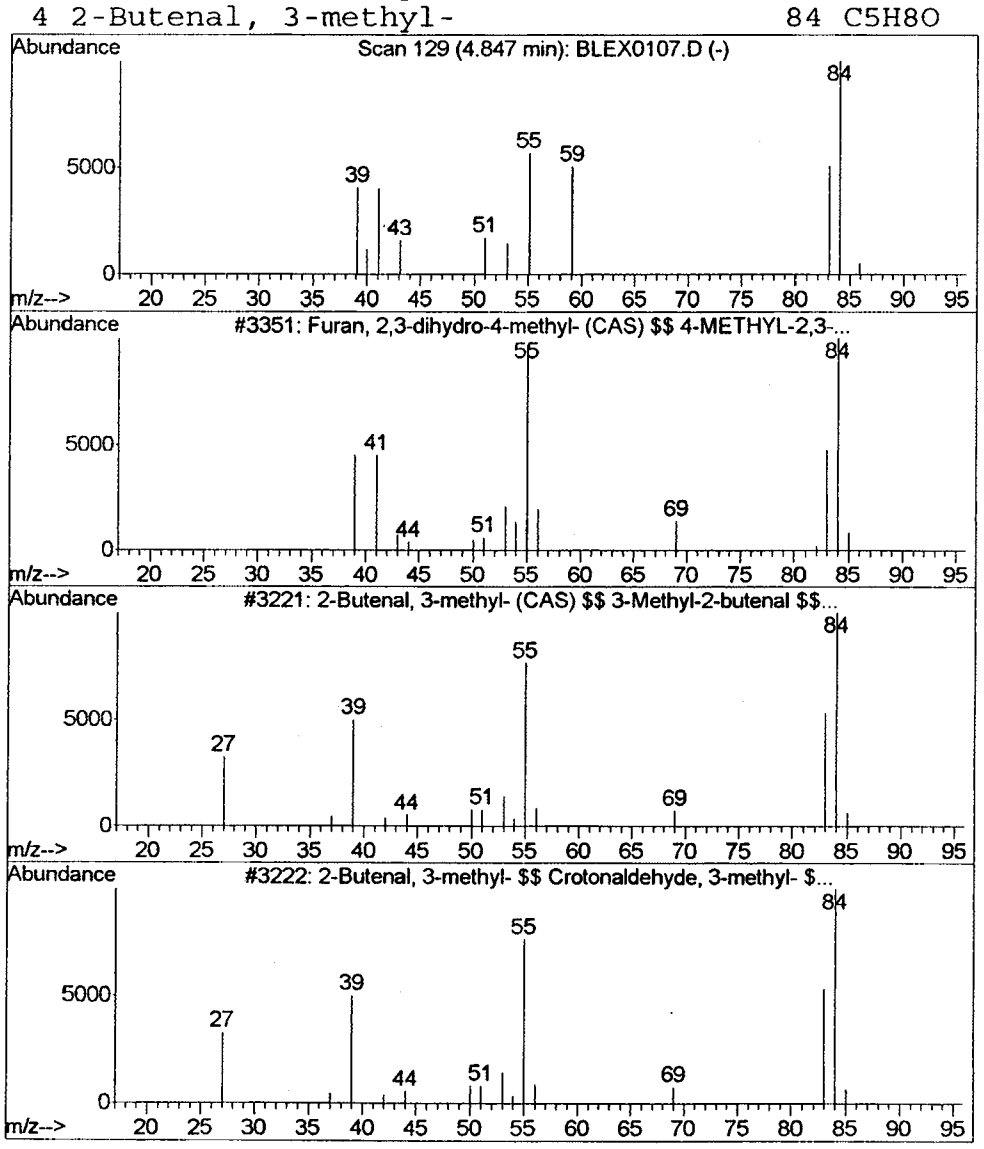
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

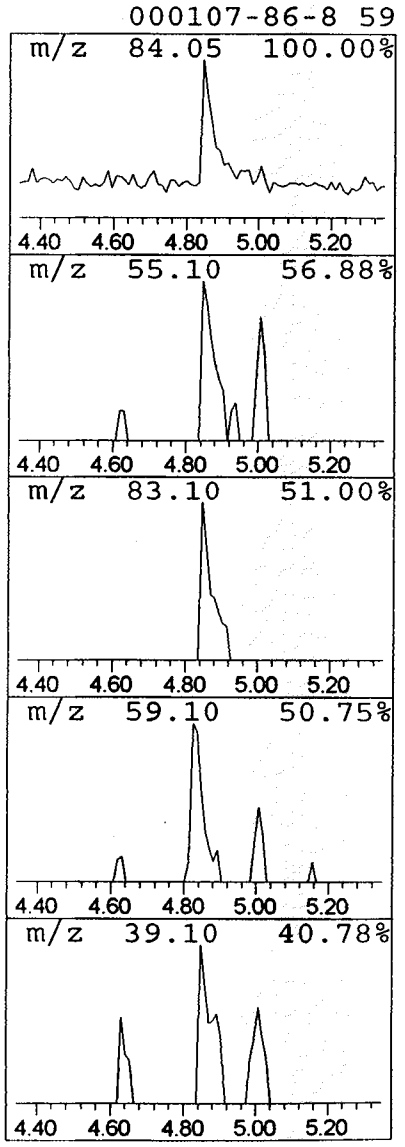
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	0.17 ug/L	55051	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,3-dihydro-4-methyl- (CA...	84	C5H8O	034314-83-5	64
2	2-Butenal, 3-methyl- (CAS) $$ 3-...	84	C5H8O	000107-86-8	64
3	2-Butenal, 3-methyl- $$ Crotonal...	84	C5H8O	000107-86-8	64
4	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	59





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN08\BLEX0107.D Vial: 1
Acq On : 8 Jan 2002 4:18 pm Operator:
Sample : blank - ext 1/7/02 Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

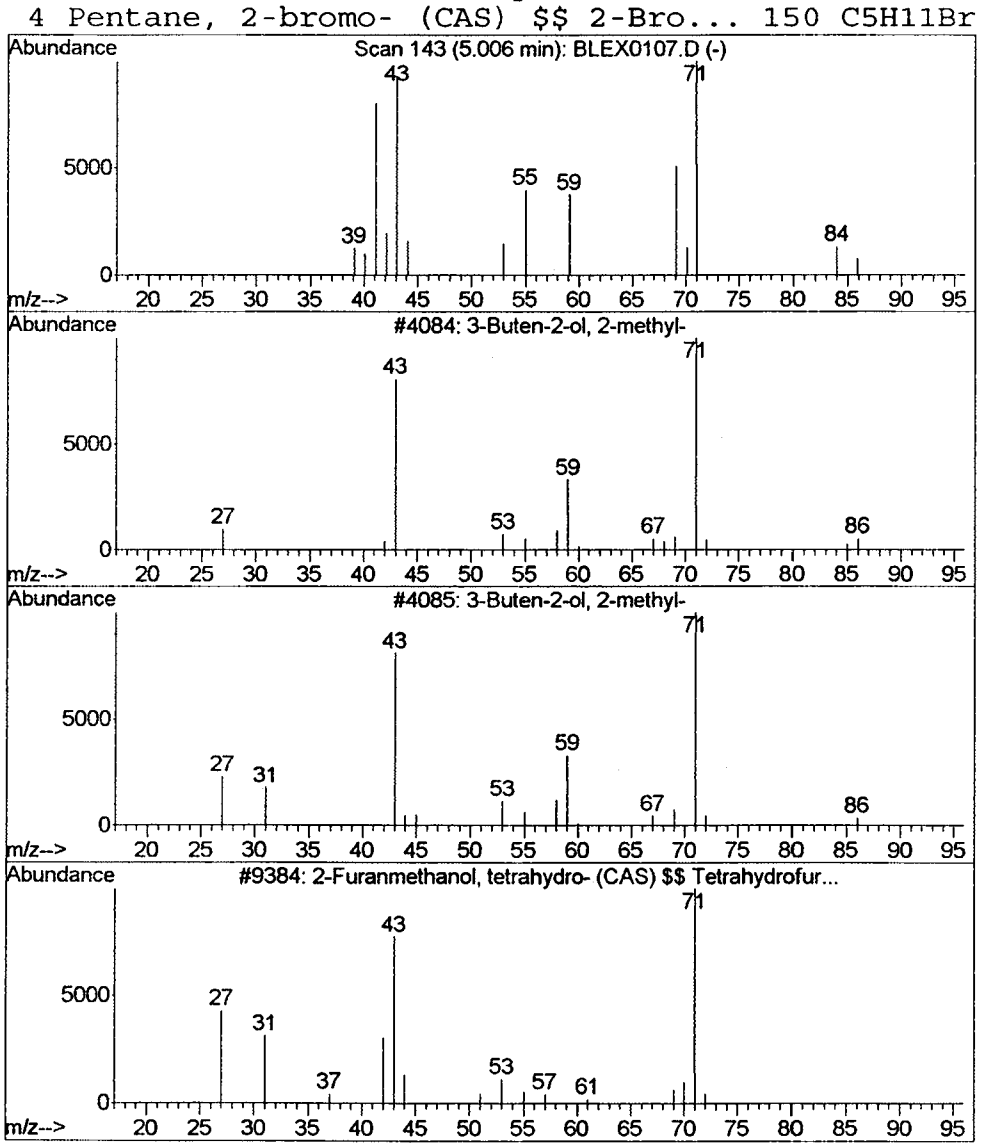
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

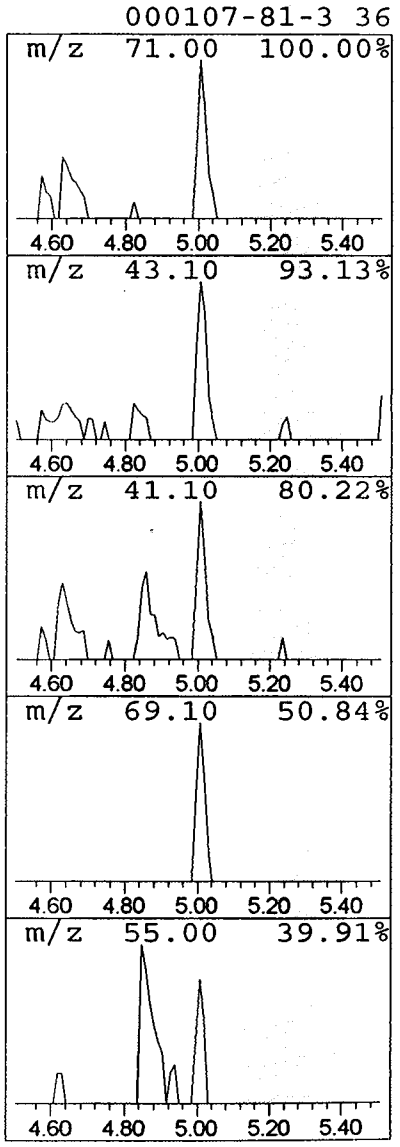
****

Peak Number 3 3-Buten-2-ol, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	0.14 ug/L	47223	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	59
2	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	53
3	2-Furanmethanol, tetrahydro- (CA...	102	C5H10O2	000097-99-4	38
4	Pentane, 2-bromo- (CAS) $$ 2-Bro...	150	C5H11Br	000107-81-3	36





Data File : C:\MSDCHEM\1\5973N\02JAN08\BLEX0107.D Vial: 1
Acq On : 8 Jan 2002 4:18 pm Operator:
Sample : blank - ext 1/7/02 Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

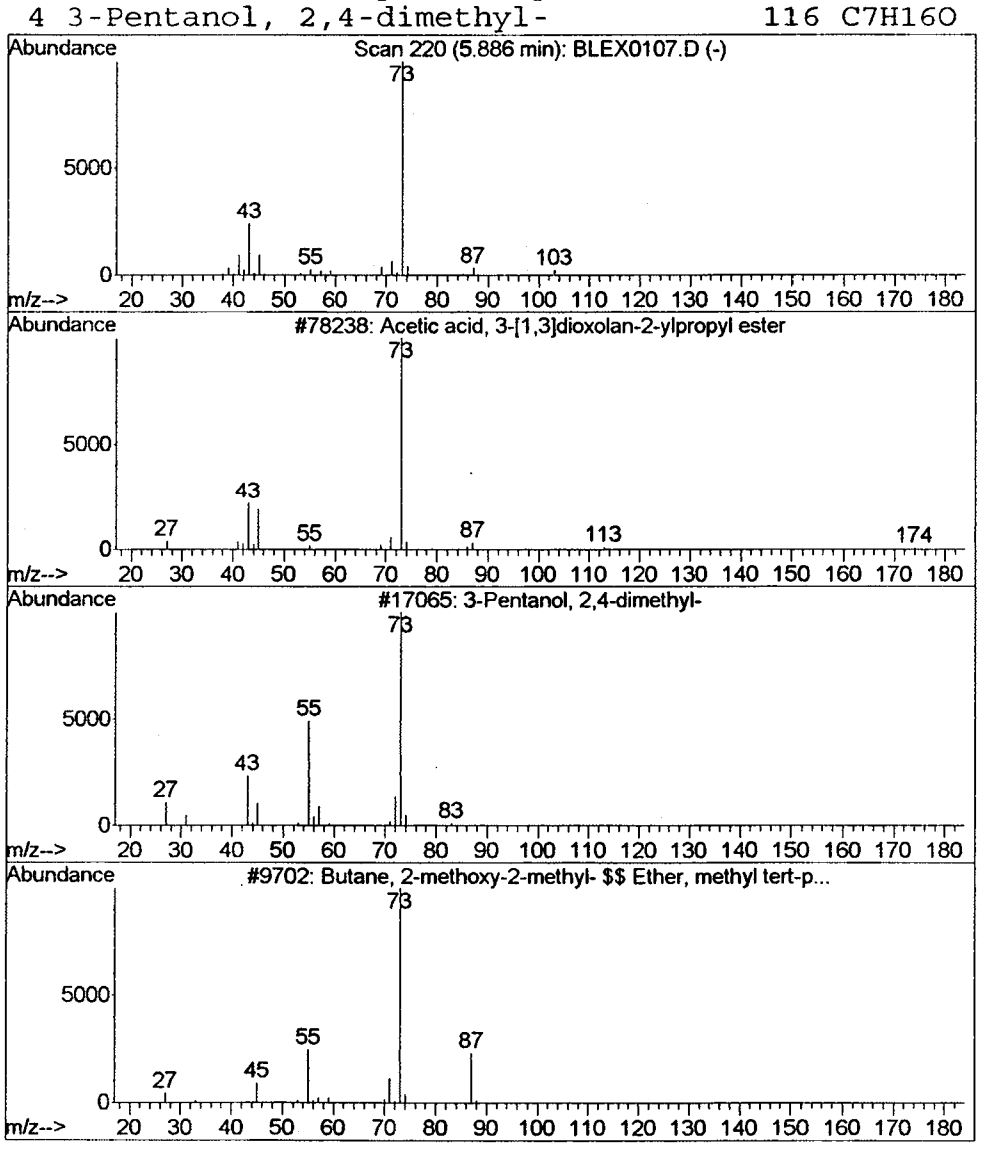
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

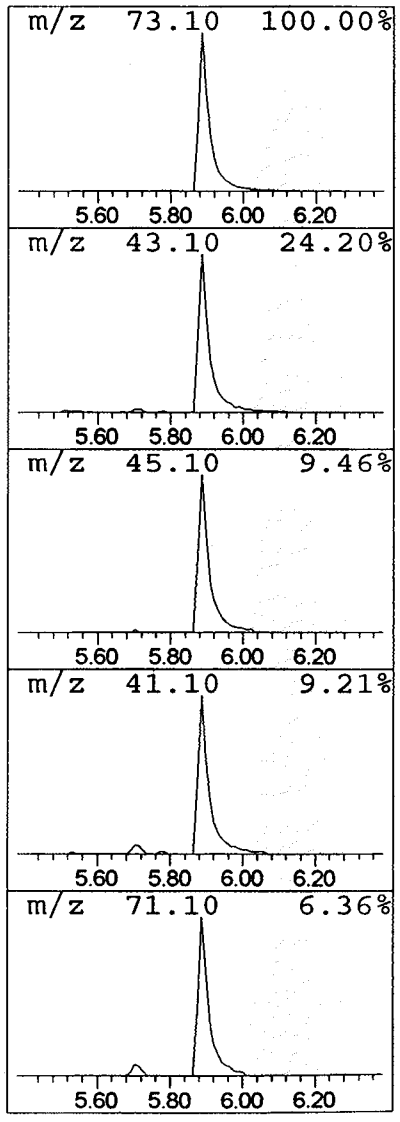
****

Peak Number 4 Acetic acid, 3-[1,3]dioxola... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	4.79 ug/L	1593400	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	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	33
3	Butane, 2-methoxy-2-methyl- $$ E...	102	C6H14O	000994-05-8	33
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	33





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN08\BLEX0107.D Vial: 1
Acq On : 8 Jan 2002 4:18 pm Operator:
Sample : blank - ext 1/7/02 Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

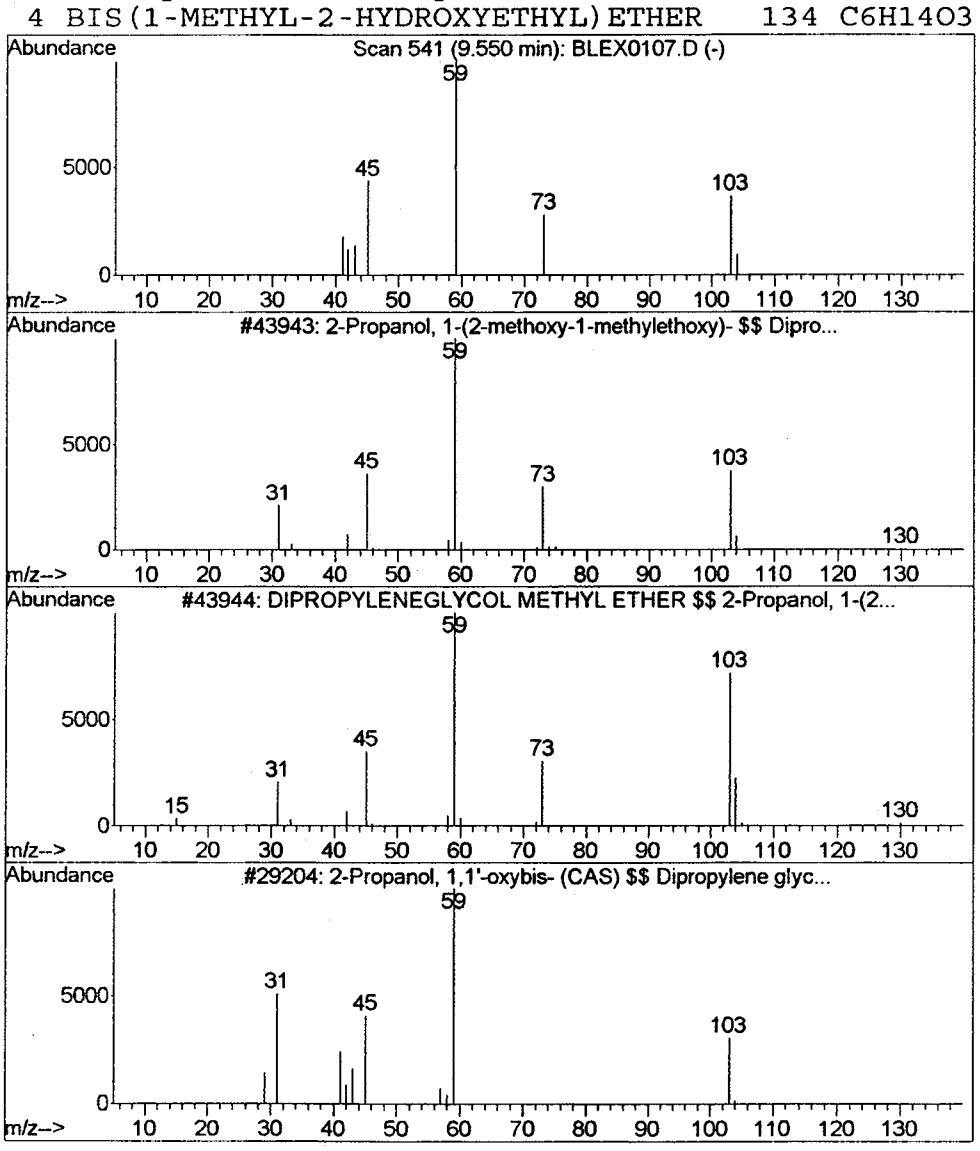
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

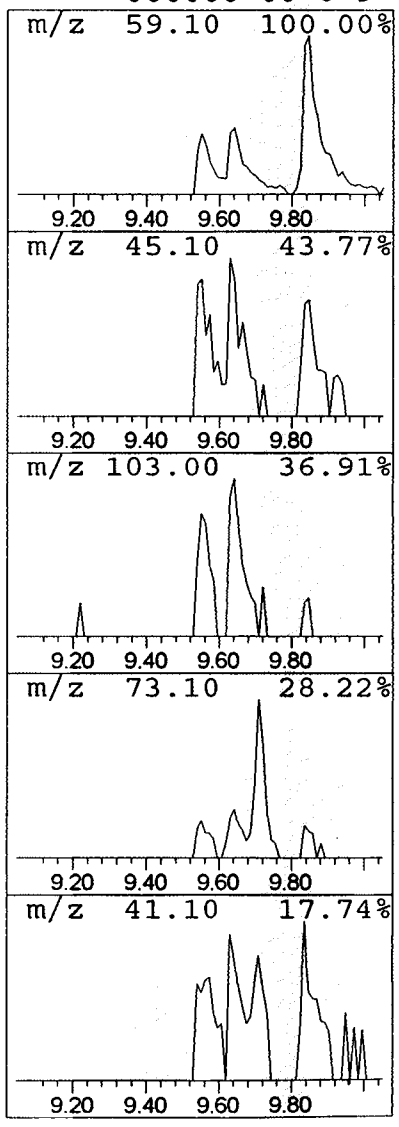
****

Peak Number 5 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	0.12 ug/L	39911	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	83
2	DIPROPYLENEGLYCOL METHYL ETHER $...	148	C7H16O3	020324-32-7	9
3	2-Propanol, 1,1'-oxybis- (CAS) $...	134	C6H14O3	000110-98-5	9
4	BIS(1-METHYL-2-HYDROXYETHYL)ETHER	134	C6H14O3	000000-00-0	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN08\BLEX0107.D Vial: 1
Acq On : 8 Jan 2002 4:18 pm Operator:
Sample : blank - ext 1/7/02 Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

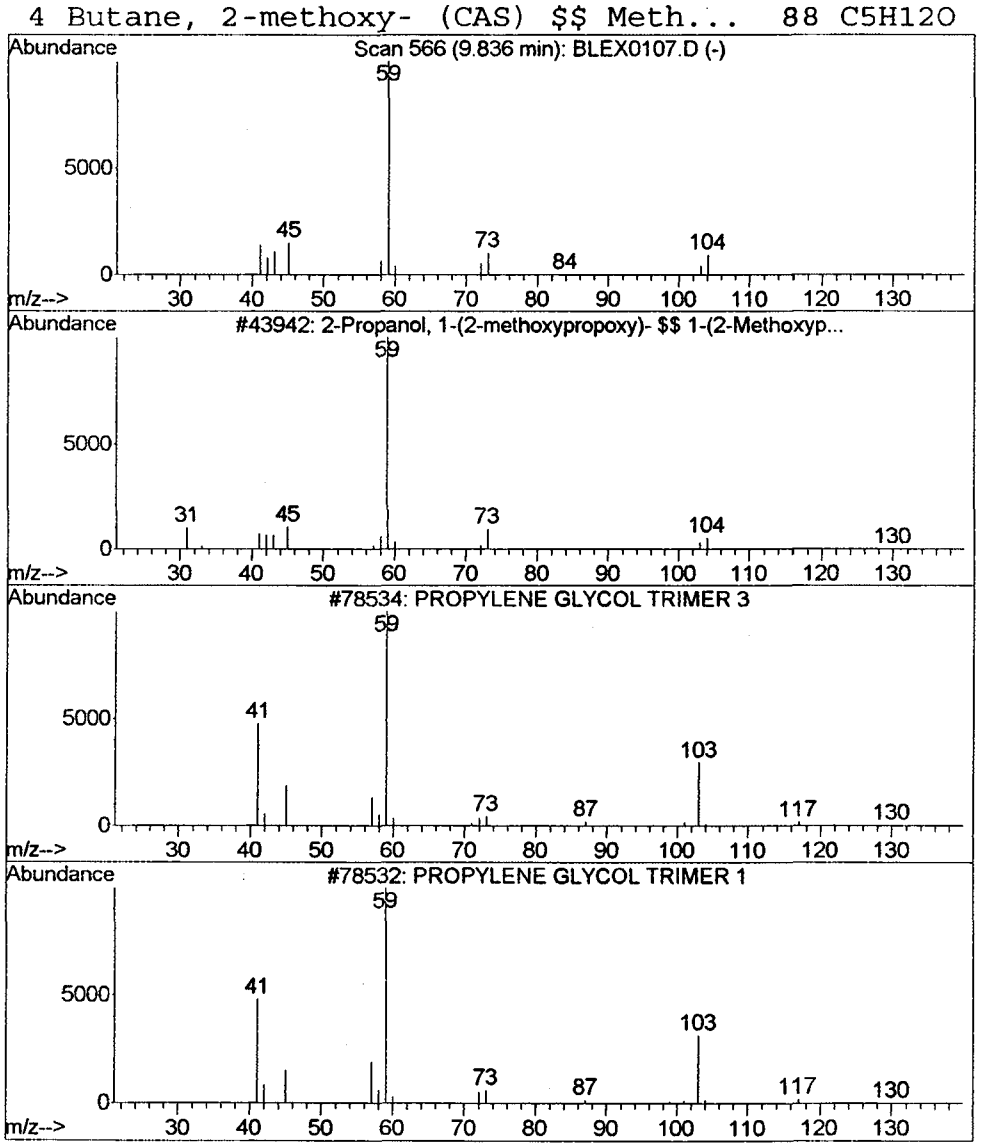
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

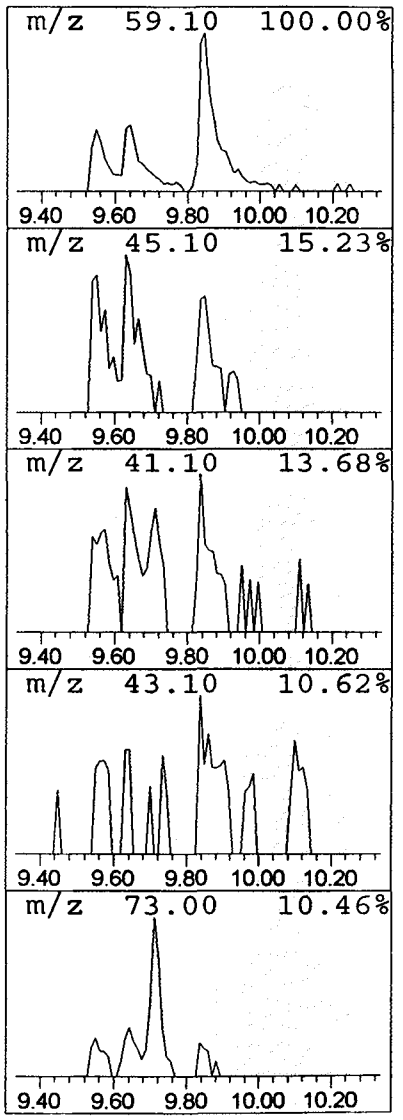
****

Peak Number 6 2-Propanol, 1-(2-methoxypro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	0.18 ug/L	59000	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	83
2	PROPYLENE GLYCOL TRIMER 3	174	C9H18O3	000000-00-0	72
3	PROPYLENE GLYCOL TRIMER 1	174	C9H18O3	000000-00-0	72
4	Butane, 2-methoxy- (CAS) $$ Meth...	88	C5H12O	006795-87-5	40





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN08\BLEX0107.D Vial: 1
Acq On : 8 Jan 2002 4:18 pm Operator:
Sample : blank - ext 1/7/02 Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

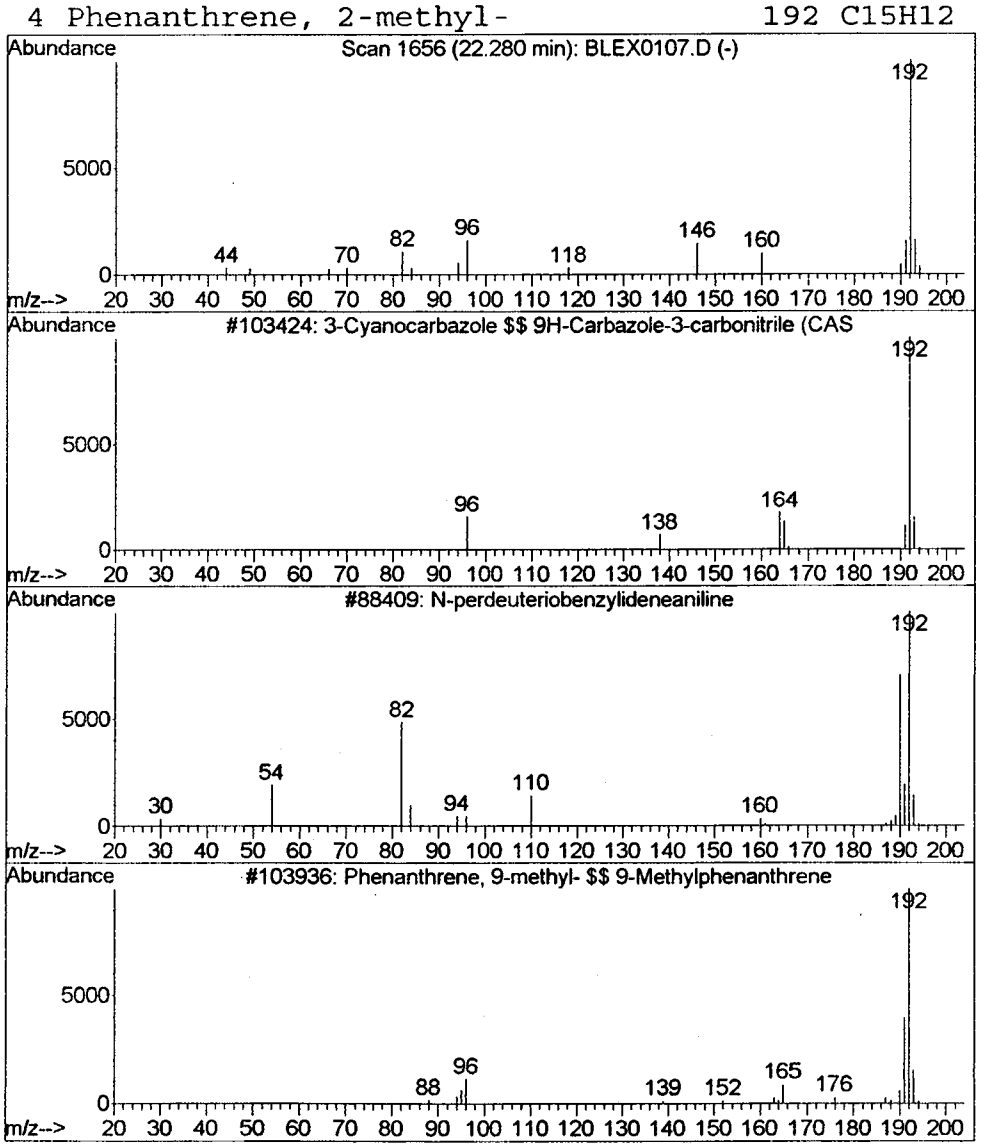
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

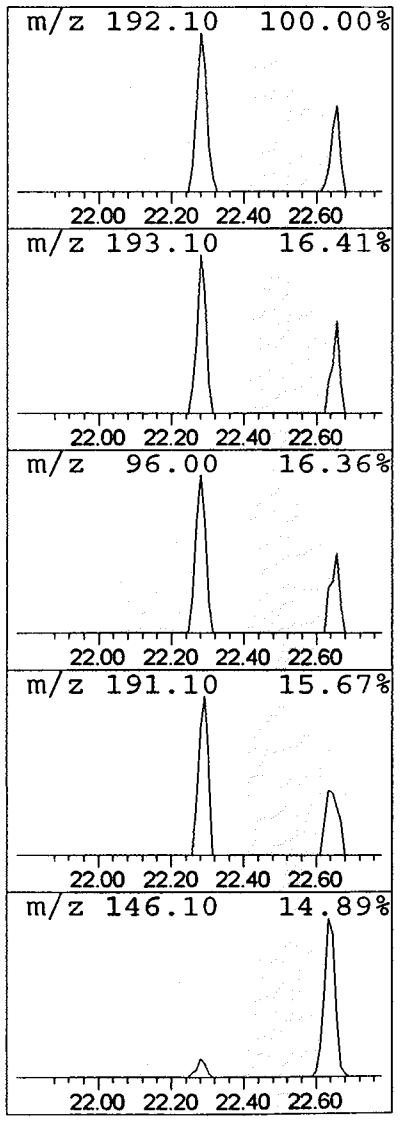
****

Peak Number 7 3-Cyanocarbazole $$ 9H-Carb... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.14 ug/L	80512	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	72
2	N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	59
3	Phenanthrene, 9-methyl- $$ 9-Met...	192	C15H12	000883-20-5	53
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	53





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN08\BLEX0107.D Vial: 1
Acq On : 8 Jan 2002 4:18 pm Operator:
Sample : blank - ext 1/7/02 Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

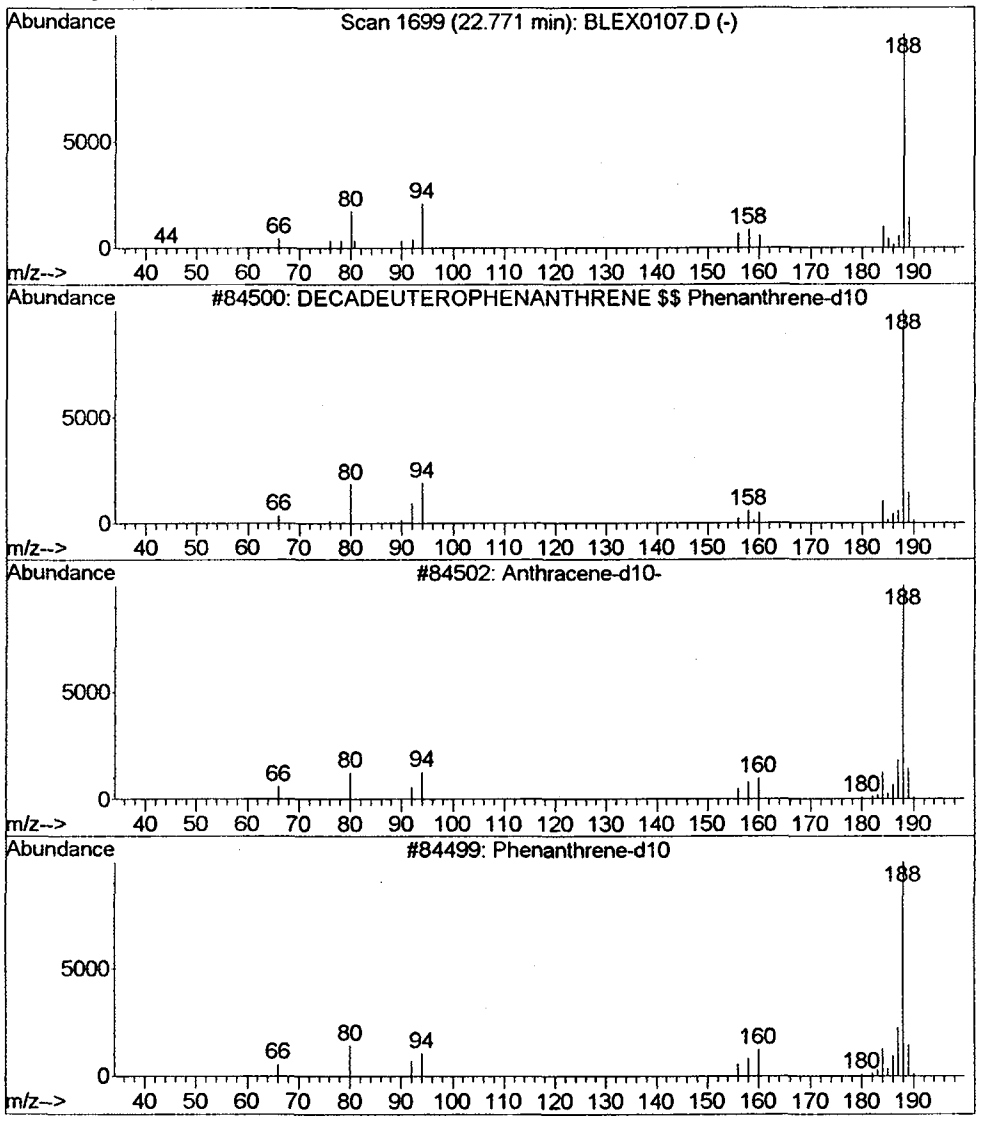
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

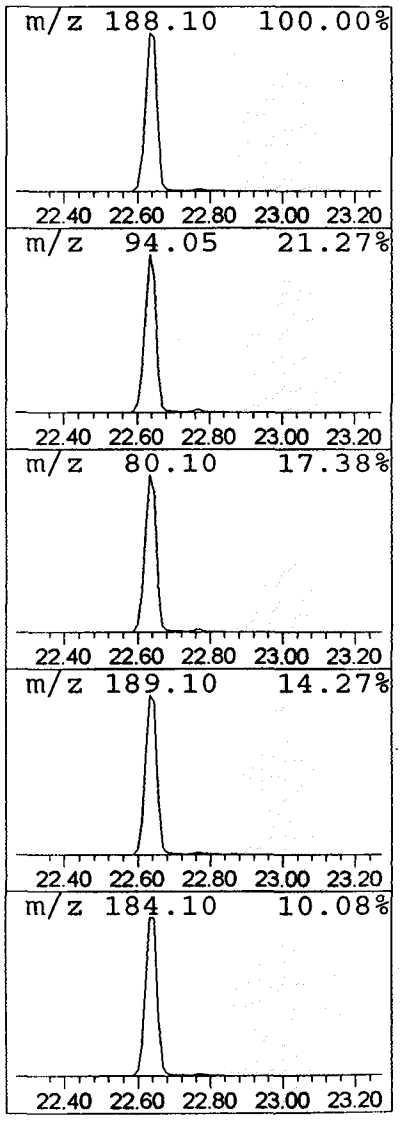
****

Peak Number 8 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.29 ug/L	172345	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	91
2	Anthracene-d10-	188	C14D10	001719-06-8	72
3	Phenanthrene-d10	188	C14D10	001517-22-2	72
4	Acridine-D9	188	C13D9N	000000-00-0	59





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 8 Jan 2002 4:18 pm
Data File: C:\MSDCHEM\1\5973N\02JAN08\BLEX0107.D
Name: blank - ext 1/7/02
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
2-Buten-1-ol, 3-m...	4.63	0.1	ug/L	43126	1	9.71	6648230	20.0
Furan, 2,3-dihydr...	4.85	0.2	ug/L	55051	1	9.71	6648230	20.0
3-Buten-2-ol, 2-m...	5.01	0.1	ug/L	47223	1	9.71	6648230	20.0
Acetic acid, 3-[1...	5.89	4.8	ug/L	1593400	1	9.71	6648230	20.0
2-Propanol, 1-(2-...	9.55	0.1	ug/L	39911	1	9.71	6648230	20.0
2-Propanol, 1-(2-...	9.84	0.2	ug/L	59000	1	9.71	6648230	20.0
3-Cyanocarbazole ...	22.28	0.1	ug/L	80512	4	22.63	11834800	20.0
DECADEUTEROPHENAN...	22.77	0.3	ug/L	172345	4	22.63	11834800	20.0