User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 01/22/2002 Time: 14:03:12

Sample: AD31585
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 1/17/02 14:02 Ended: 1/22/02 14:02 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	2-Chloronaphthalene		< MDL		2.0
16	Dimethylphthalate		< MDL		2.0
17	2,6-Dinitrotoluene		< MDL		2.0
18	Acenaphthylene		< MDL		2.0
19	Acenaphthene		< MDL		2.0
20	2,4-Dinitrotoluene		< MDL		2.0
21	Diethylphthalate		< MDL		2.0
22	4-Chlorophenylphenylether		< MDL		2.0
23	Fluorene		< MDL		2.0
24	Azobenzene/1,2-Diphenylhydra		< MDL		2.0
25	n-Nitrosodiphenylamine		< MDL		2.0
26	4-Bromophenylphenylether		< MDL		2.0
27	Hexachlorobenzene		< MDL		2.0
28	Phenanthrene		< MDL		2.0
29	Anthracene		< MDL		2.0
30	Di-n-butylphthalate		< MDL		2.0
31	Fluoranthene		< MDL		2.0
32	Pyrene		< MDL		2.0
33	Butylbenzylphthalate		< MDL		2.0
34	Benzo(a)anthracene		< MDL		2.0
35	bis(2-Ethylhexyl)phthalate		< MDL		2.0
36	Chrysene		< MDL		2.0
37	Di-n-octylphthalate		< MDL		2.0
38	Benzo(b)fluoranthene		< MDL		2.0
39	Benzo(k)fluoranthene		< MDL		2.0
40	Benzo(a)pyrene		< MDL		2.0
41	Indeno(1,2,3-cd)pyrene		< MDL		2.0
42	Dibenz(a,h)anthracene		< MDL		2.0
43	Benzo(g,h,i)perylene		< MDL		2.0

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN17\0103B.D Vial: 1
Acq On : 17 Jan 2002 10:11 am Operator:
Sample : lab blank 1/3 Inst : Instrumen
Misc : January 17, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 22 08:29:58 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

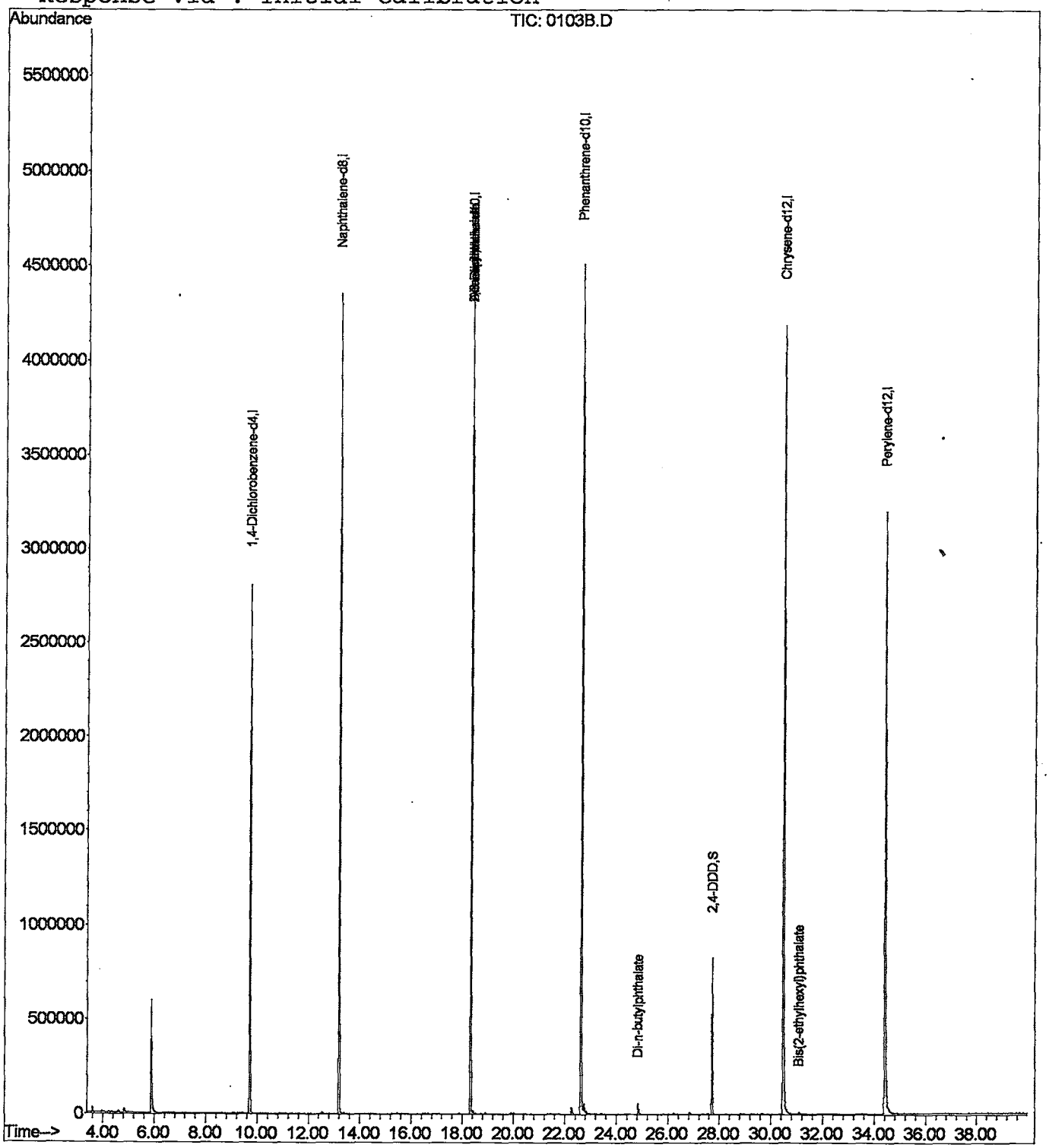
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1013223	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	4293639	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	2311025	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.63	188	3896870	20.00	ug/L	-0.03
38) Chrysene-d12	30.49	240	3393398	20.00	ug/L	-0.02
44) Perylene-d12	34.42	264	2427675	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	307960	5.00	ug/L	0.00
Spiked Amount 5.000			Recovery =	100.00%		
Target Compounds						Qvalue
20) Dimethylphthalate	18.34	163	369836	2.42	ug/L #	56
21) 2,6-Dinitrotoluene	18.34	165	293974	9.88	ug/L #	17
35) Di-n-butylphthalate	24.85	149	67920	0.27	ug/L	96
42) Bis(2-ethylhexyl)phthalate	31.11	149	9606	0.61	ug/L	95

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN17\0103B.D Vial: 1
Acq On : 17 Jan 2002 10:11 am Operator:
Sample : lab blank 1/3 Inst : Instrumen
Misc : January 17, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 22 8:29 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\02JAN17\0103B.D Vial: 1
Acq On : 17 Jan 2002 10:11 am Operator:
Sample : lab blank 1/3 Inst : Instrumen
Misc : January 17, 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

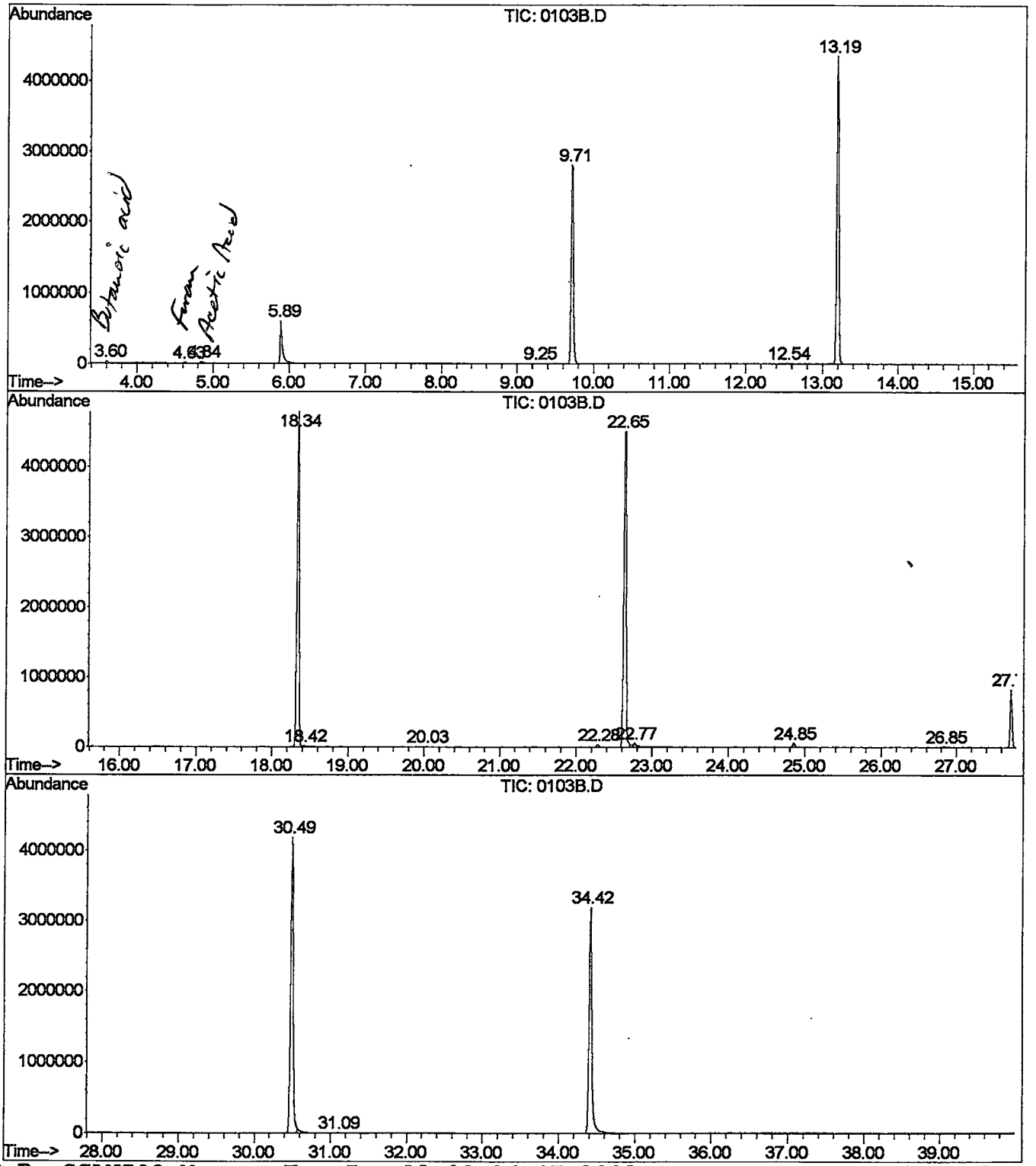
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.602	17	20	25	rBV	28307	38373	0.37%	0.070%
2	4.630	107	110	115	rVB3	11982	25698	0.25%	0.047%
3	4.835	123	128	137	rBV4	22819	62965	0.61%	0.114%
4	5.885	215	220	239	rVV	600327	1247309	12.08%	2.266%
5	9.253	509	515	523	rVB3	5727	19632	0.19%	0.036%
6	9.710	551	555	561	rBV	2808929	5736792	55.58%	10.424%
7	12.541	797	803	807	rVB3	9571	18907	0.18%	0.034%
8	13.192	855	860	865	rBV	4350670	8263116	80.06%	15.015%
9	18.341	1305	1311	1315	rBV	4783824	9388989	90.97%	17.061%
10	18.421	1315	1318	1321	rVV2	15852	37578	0.36%	0.068%
11	20.031	1451	1459	1461	rVB3	5152	21085	0.20%	0.038%
12	22.280	1653	1656	1661	rBV	34771	66022	0.64%	0.120%
13	22.645	1681	1688	1693	rBV2	4504915	10321159	100.00%	18.755%
14	22.771	1697	1699	1713	rVV2	55879	158195	1.53%	0.287%
15	24.849	1877	1881	1885	rBV	56115	102423	0.99%	0.186%
16	26.847	2049	2056	2063	rBV	10740	31281	0.30%	0.057%
17	27.726	2127	2133	2139	rVB	826647	1458591	14.13%	2.650%
18	30.489	2369	2375	2381	rBV2	4182405	9871588	95.64%	17.938%
19	31.094	2419	2428	2431	rBV4	9274	25709	0.25%	0.047%
20	34.416	2713	2719	2743	rBV	3196538	8137288	78.84%	14.786%

Sum of corrected areas: 55032700

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN17\0103B.D
Operator :
Acquired : 17 Jan 2002 10:11 am using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: lab blank 1/3
Misc Info : January 17, 2002
Vial Number: 1
Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN17\0103B.D Vial: 1
Acq On : 17 Jan 2002 10:11 am Operator:
Sample : lab blank 1/3 Inst : Instrumen
Misc : January 17, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

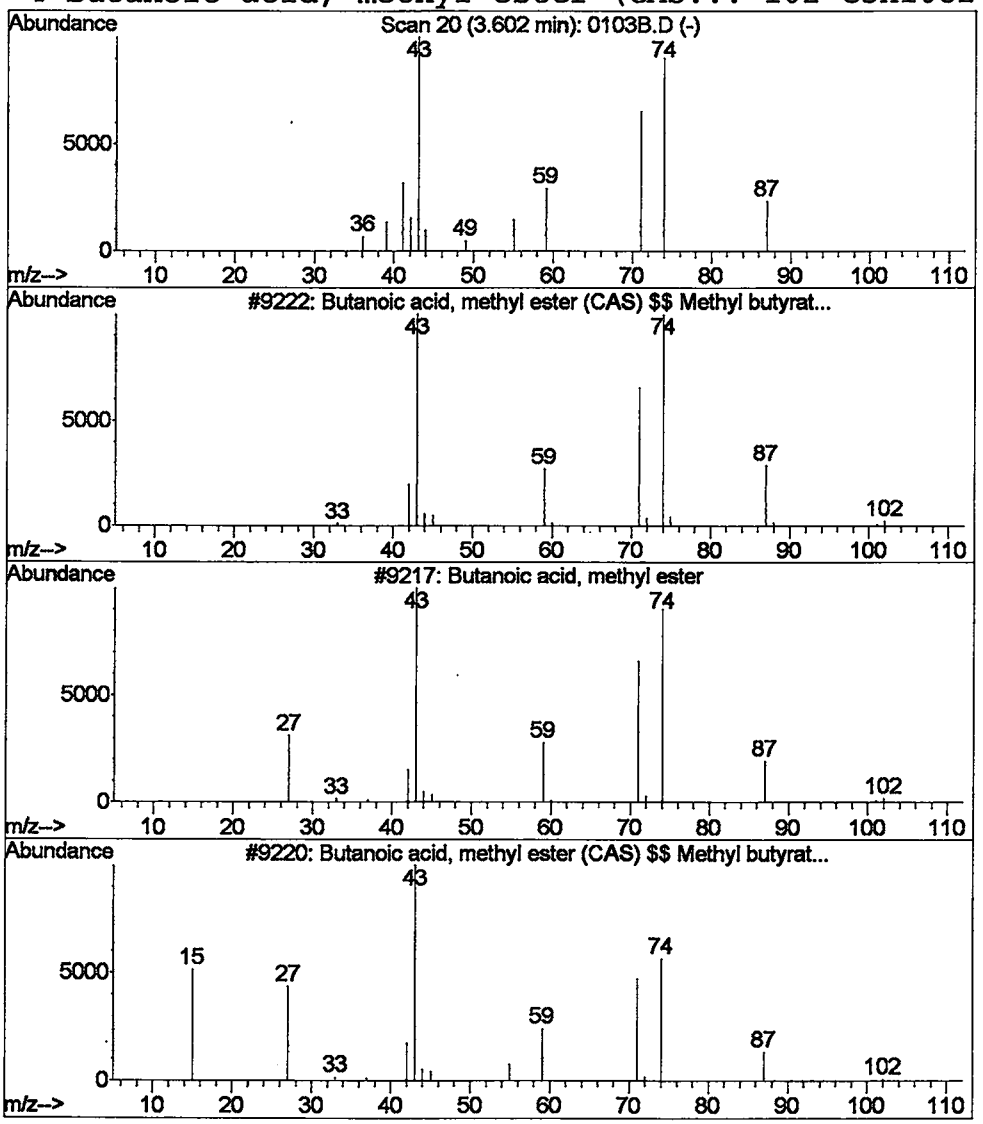
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

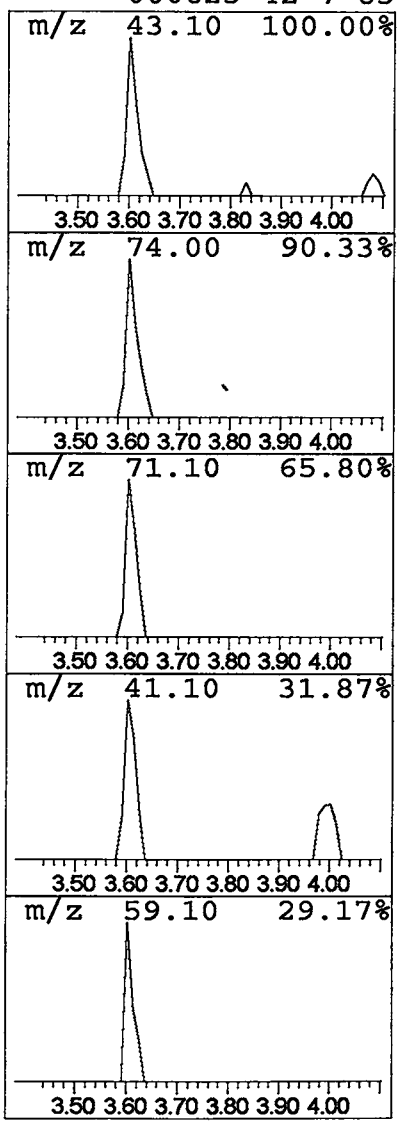
****

Peak Number 1 Butanoic acid, methyl ester... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	0.13 ug/L	38373	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
2	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
3	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
4	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN17\0103B.D Vial: 1
Acq On : 17 Jan 2002 10:11 am Operator:
Sample : lab blank 1/3 Inst : Instrumen
Misc : January 17, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

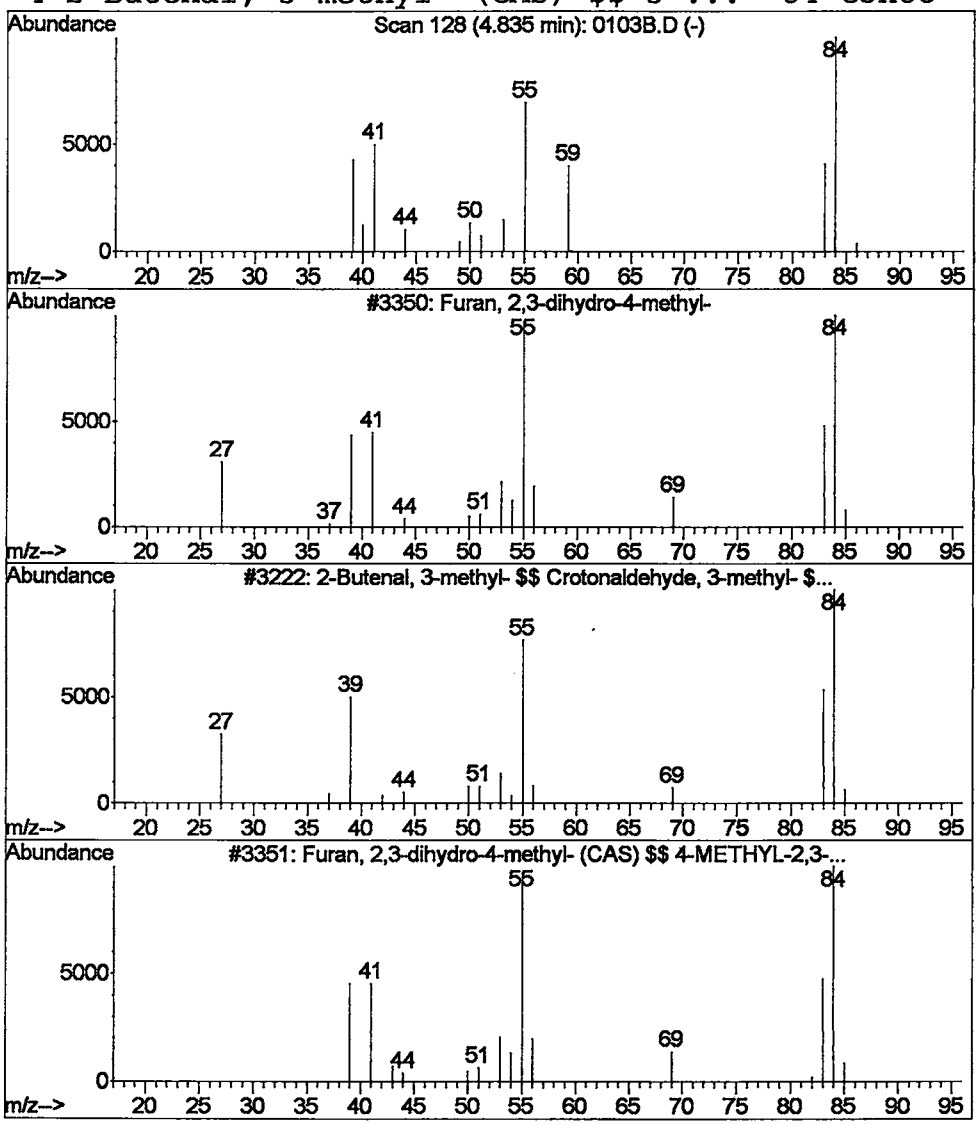
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

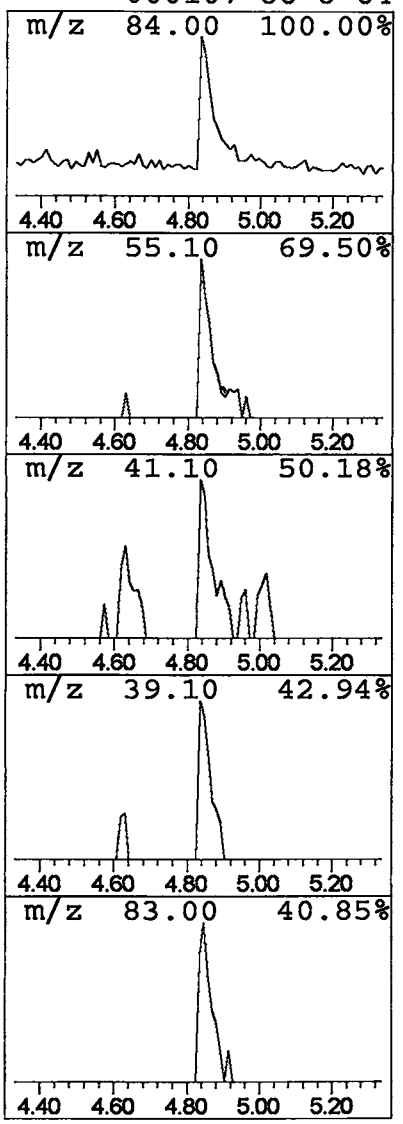
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	0.22 ug/L	62965	1,4-Dichlorobenzene-d4	9.72

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





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN17\0103B.D Vial: 1
Acq On : 17 Jan 2002 10:11 am Operator:
Sample : lab blank 1/3 Inst : Instrumen
Misc : January 17, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

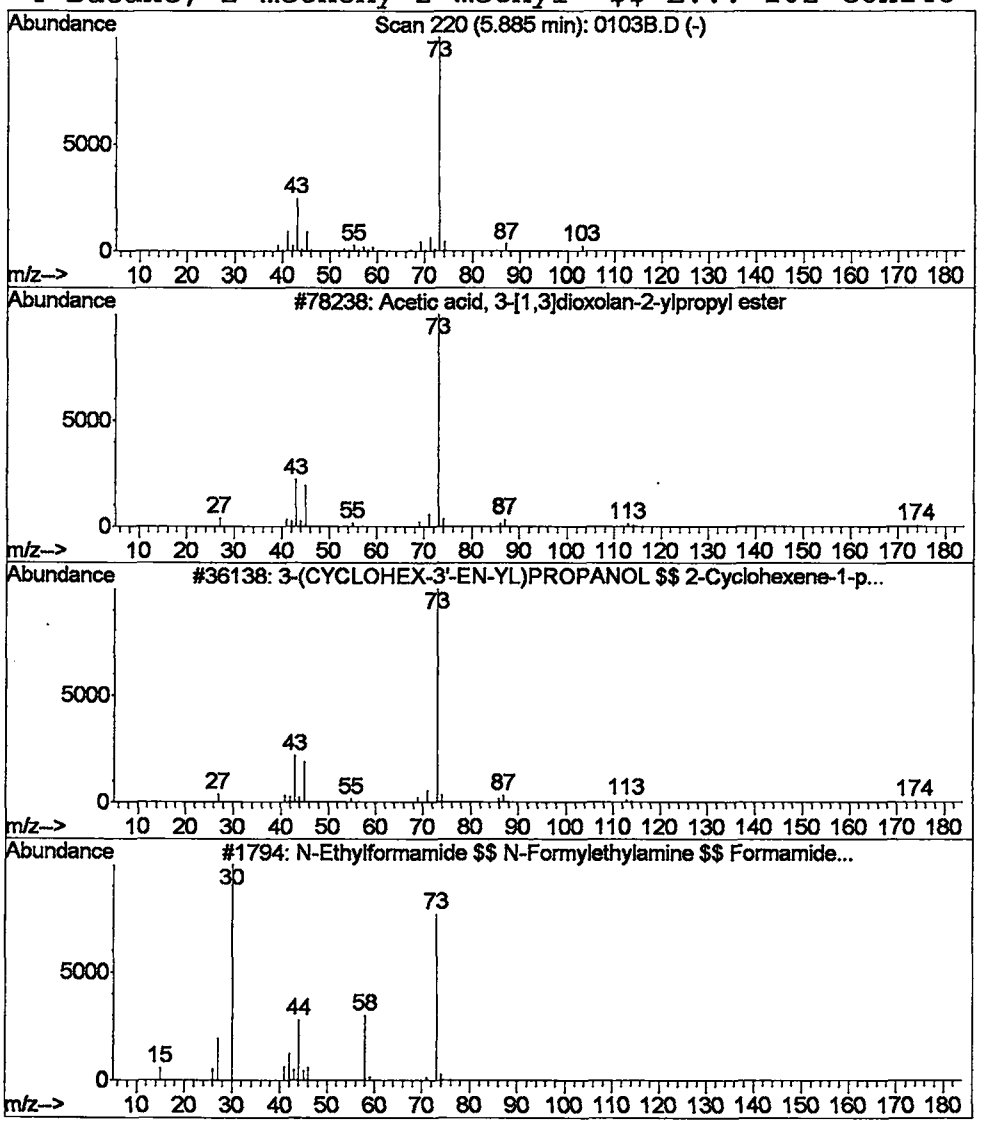
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

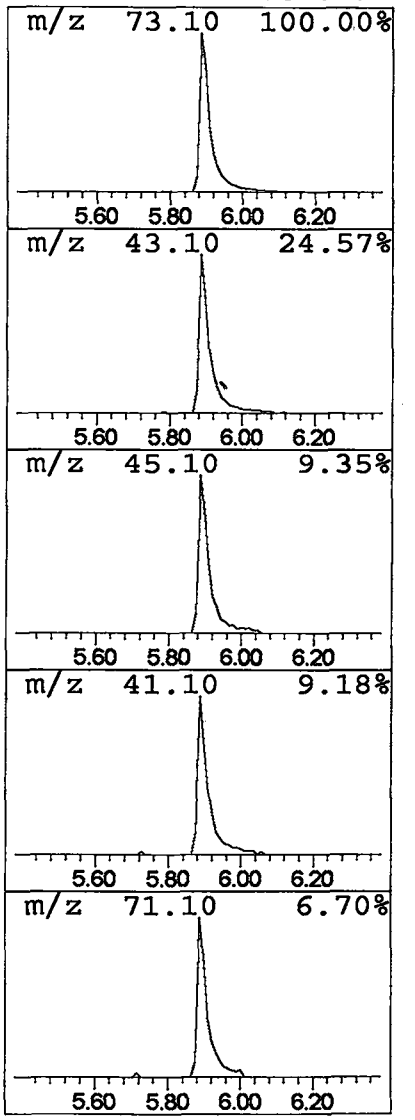
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	4.35 ug/L	1247310	1,4-Dichlorobenzene-d4	9.72

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-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	33
3	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9
4	Butane, 2-methoxy-2-methyl- $$ E...	102	C6H14O	000994-05-8	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN17\0103B.D Vial: 1
Acq On : 17 Jan 2002 10:11 am Operator:
Sample : lab blank 1/3 Inst : Instrumen
Misc : January 17, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

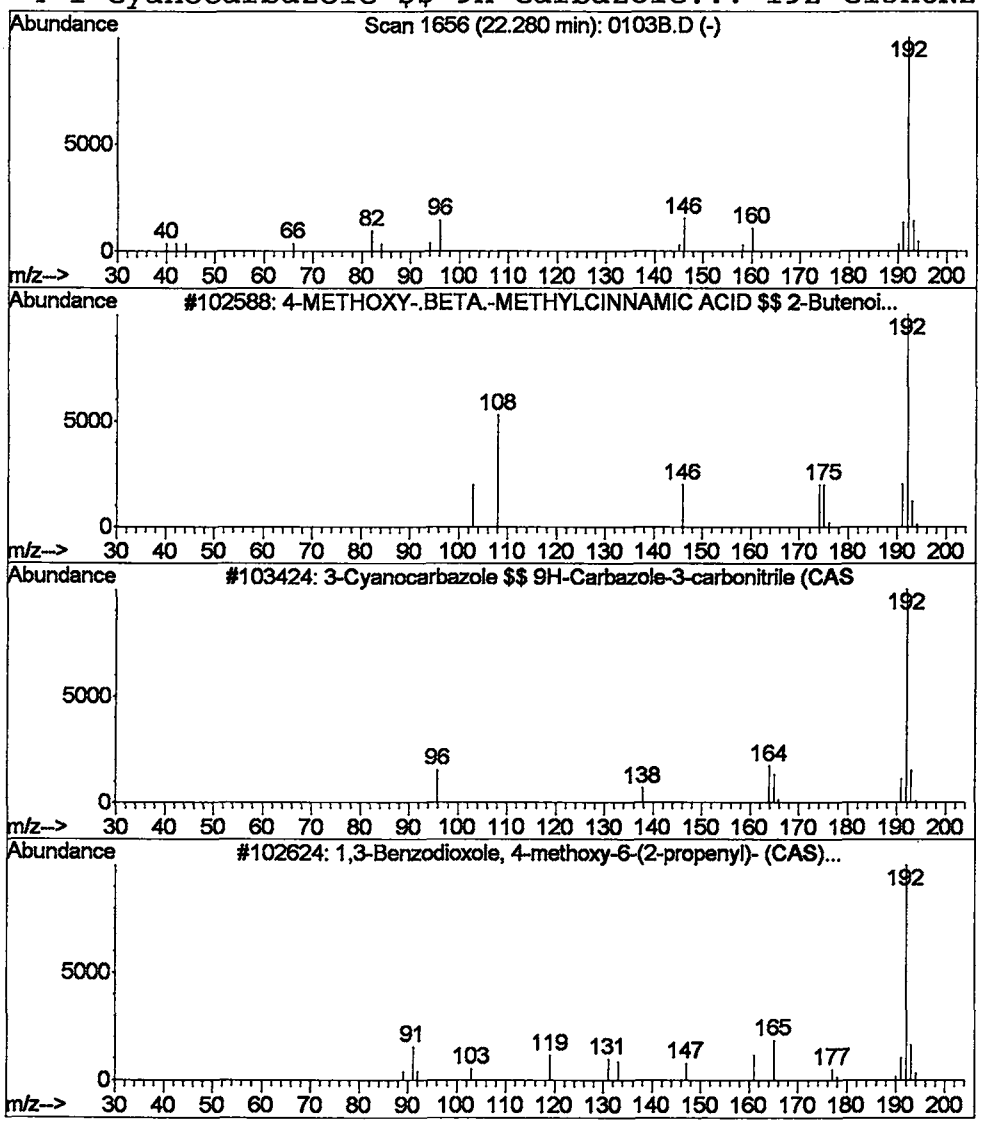
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

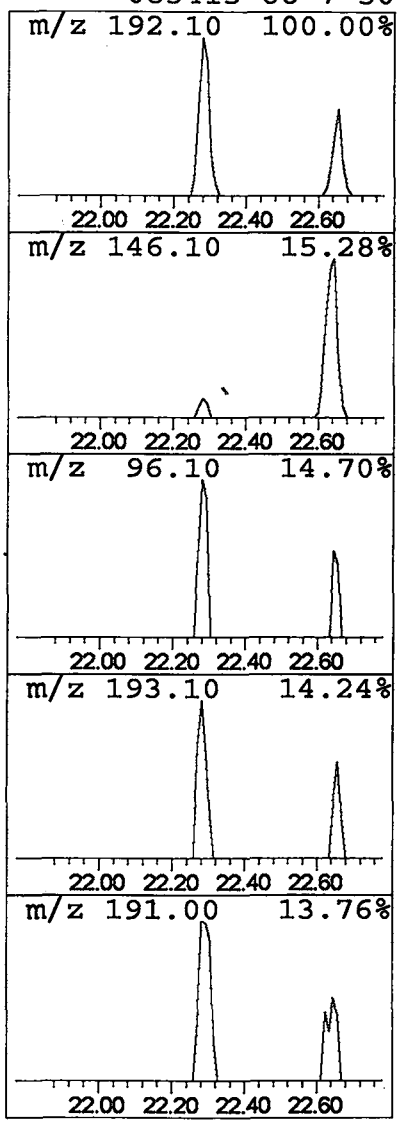
****

Peak Number 4 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.13 ug/L	66022	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	72
2	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	72
3	1,3-Benzodioxole, 4-methoxy-6-(2...	192	C11H12O3	000607-91-0	52
4	1-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	083415-88-7	50





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN17\0103B.D Vial: 1
Acq On : 17 Jan 2002 10:11 am Operator:
Sample : lab blank 1/3 Inst : Instrumen
Misc : January 17, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

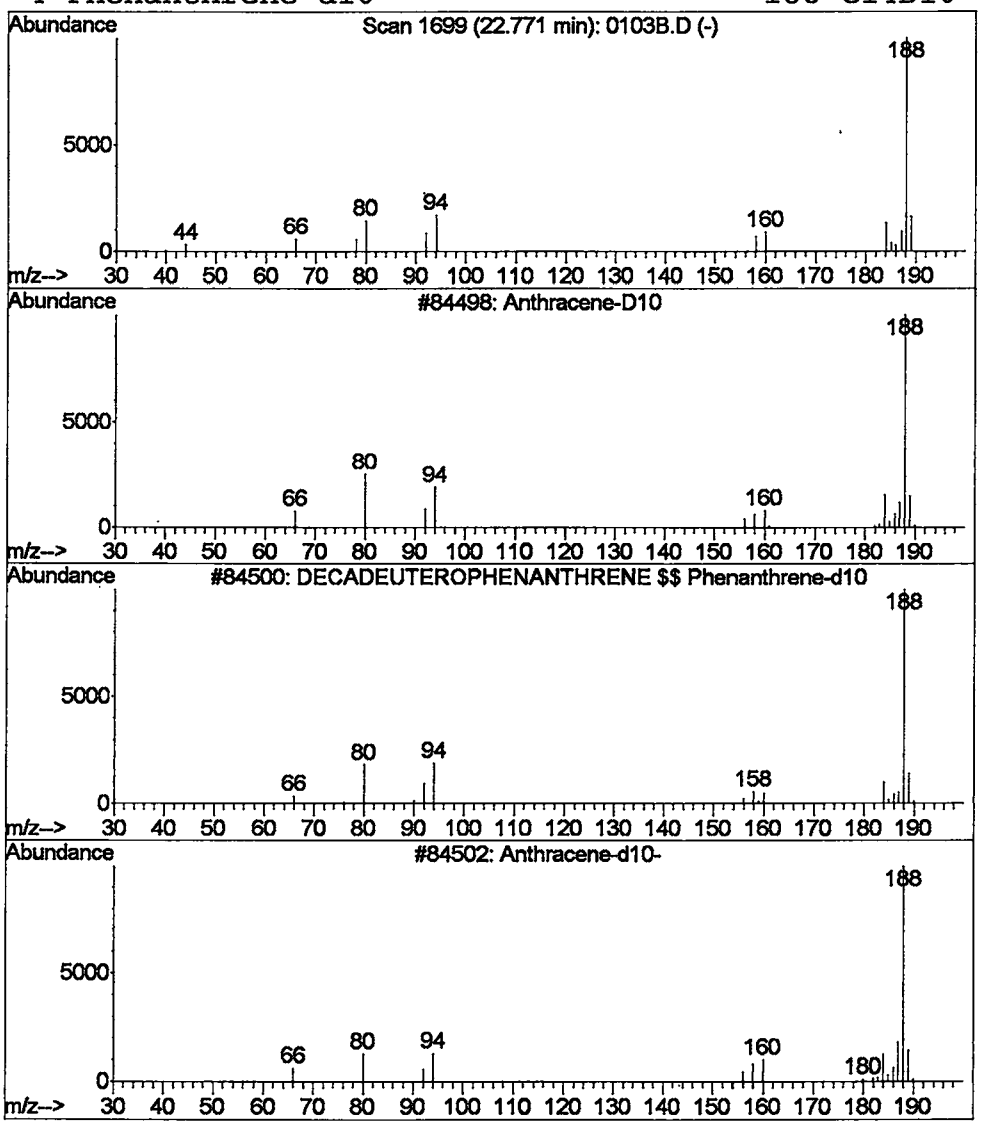
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

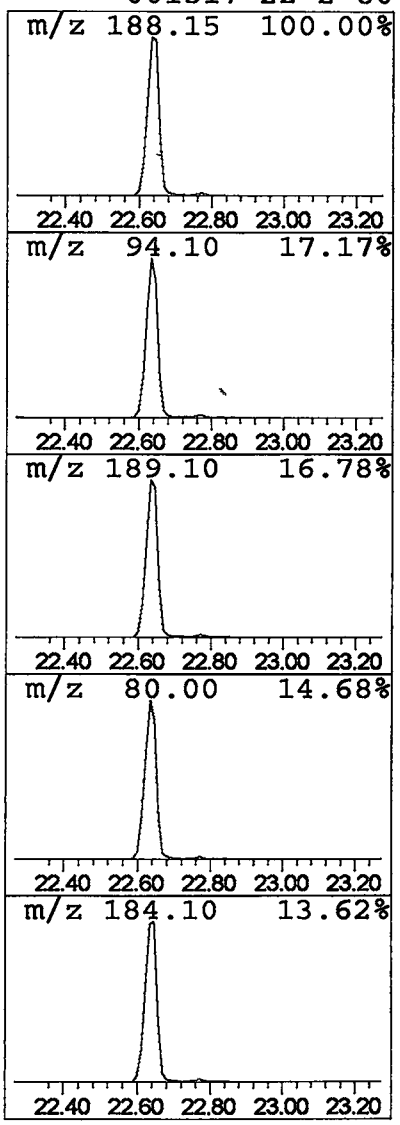
****

Peak Number 5 Anthracene-D10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.31 ug/L	158195	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-D10	188	C14D10	000000-00-0	91
2	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	90
3	Anthracene-d10-	188	C14D10	001719-06-8	87
4	Phenanthrene-d10	188	C14D10	001517-22-2	80





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 17 Jan 2002 10:11 am
Data File: C:\MSDCHEM\1\5973N\02JAN17\0103B.D
Name: lab blank 1/3
Misc: January 17, 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, me...	3.60	0.1	ug/L	38373	1	9.72	5736790	20.0
Furan, 2,3-dihydr...	4.84	0.2	ug/L	62965	1	9.72	5736790	20.0
Acetic acid, 3-[1...	5.89	4.3	ug/L	1247310	1	9.72	5736790	20.0
4-METHOXY-.BETA.-...	22.28	0.1	ug/L	66022	4	22.63	10321200	20.0
Anthracene-D10	22.77	0.3	ug/L	158195	4	22.63	10321200	20.0