User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 01/16/2002 Time: 11:12:51

Sample: AE00365
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 1/15/02 11:12 Ended: 1/16/02 11:12 Analyst: WB
Result source: manual entry
Page: 1

	Component Name	Viol	Result	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\02JAN15\0109B.D Vial: 1
Acq On : 15 Jan 2002 10:12 am Operator:
Sample : lab blank 1/9 Inst : Instrumen
Misc : January 15, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 15 15:51:16 2002 Quant Results File: SCAN508.RES

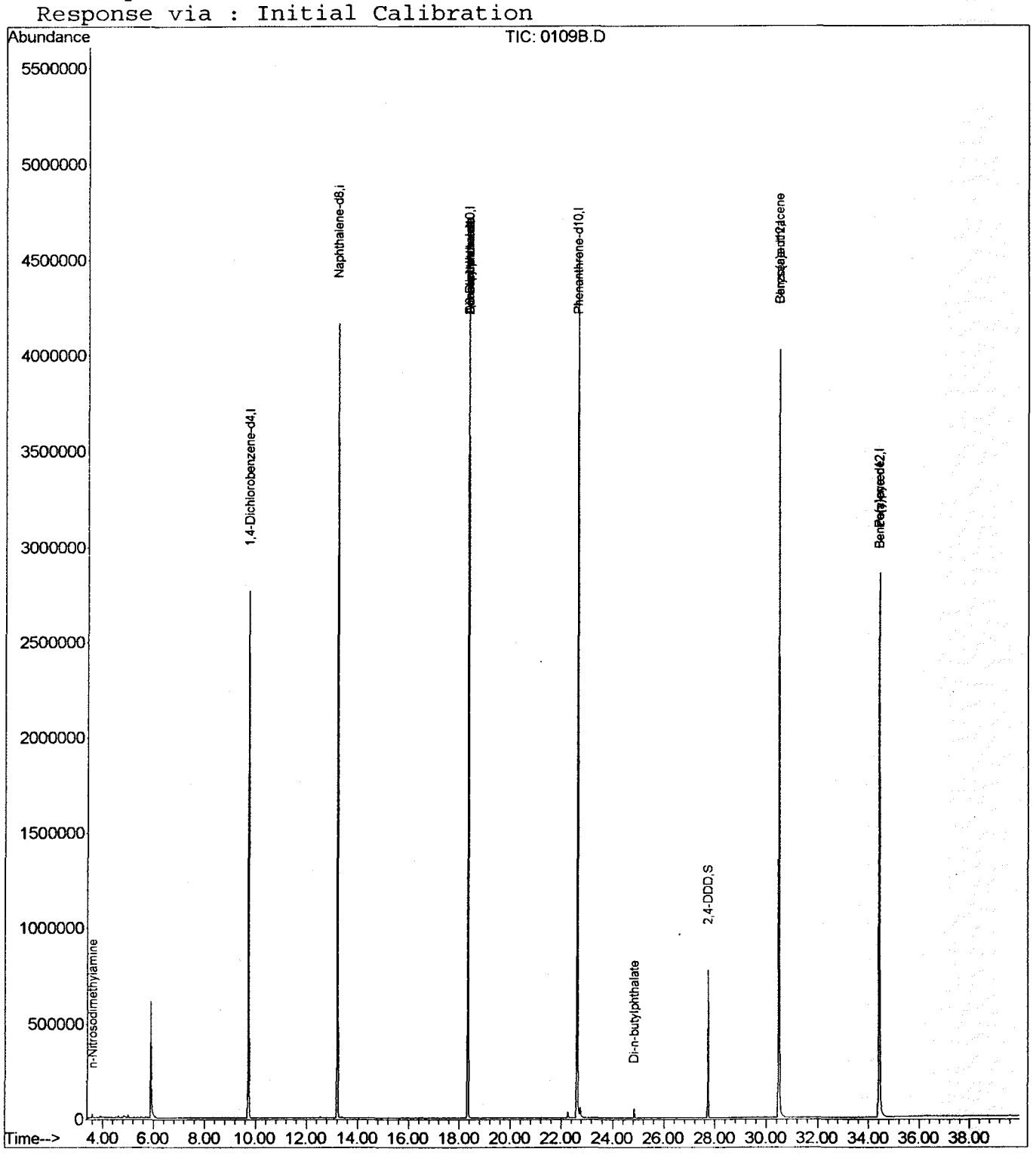
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	993520	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	4173228	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	2219096	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.63	188	3786534	20.00	ug/L	-0.03
38) Chrysene-d12	30.49	240	3209703	20.00	ug/L	-0.02
44) Perylene-d12	34.42	264	2206395	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	283961	4.74	ug/L	0.00
Spiked Amount 5.000			Recovery = 94.80%			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	3.60	74	7523	0.18	ug/L #	15
20) Dimethylphthalate	18.34	163	356284	2.43	ug/L #	55
21) 2,6-Dinitrotoluene	18.34	165	282695	9.89	ug/L #	17
35) Di-n-butylphthalate	24.85	149	62127	0.25	ug/L	96 ✓
41) Benzo(a)anthracene	30.49	228	7025	0.04	ug/L #	61
43) Chrysene	30.49	228	7025	0.04	ug/L #	58
48) Benzo(a)pyrene	34.40	252	8099	0.06	ug/L #	1

(#) = qualifier out of range (m) = manual integration
0109B.D SCAN508.M Tue Jan 15 15:51:16 2002 Page 1

Data File : C:\MSDCHEM\1\5973N\02JAN15\0109B.D Vial: 1
Acq On : 15 Jan 2002 10:12 am Operator:
Sample : lab blank 1/9 Inst : Instrumen
Misc : January 15, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 15 15:51 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



Data File : C:\MSDCHEM\1\5973N\02JAN15\0109B.D Vial: 1
Acq On : 15 Jan 2002 10:12 am Operator:
Sample : lab blank 1/9 Inst : Instrumen
Misc : January 15, 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

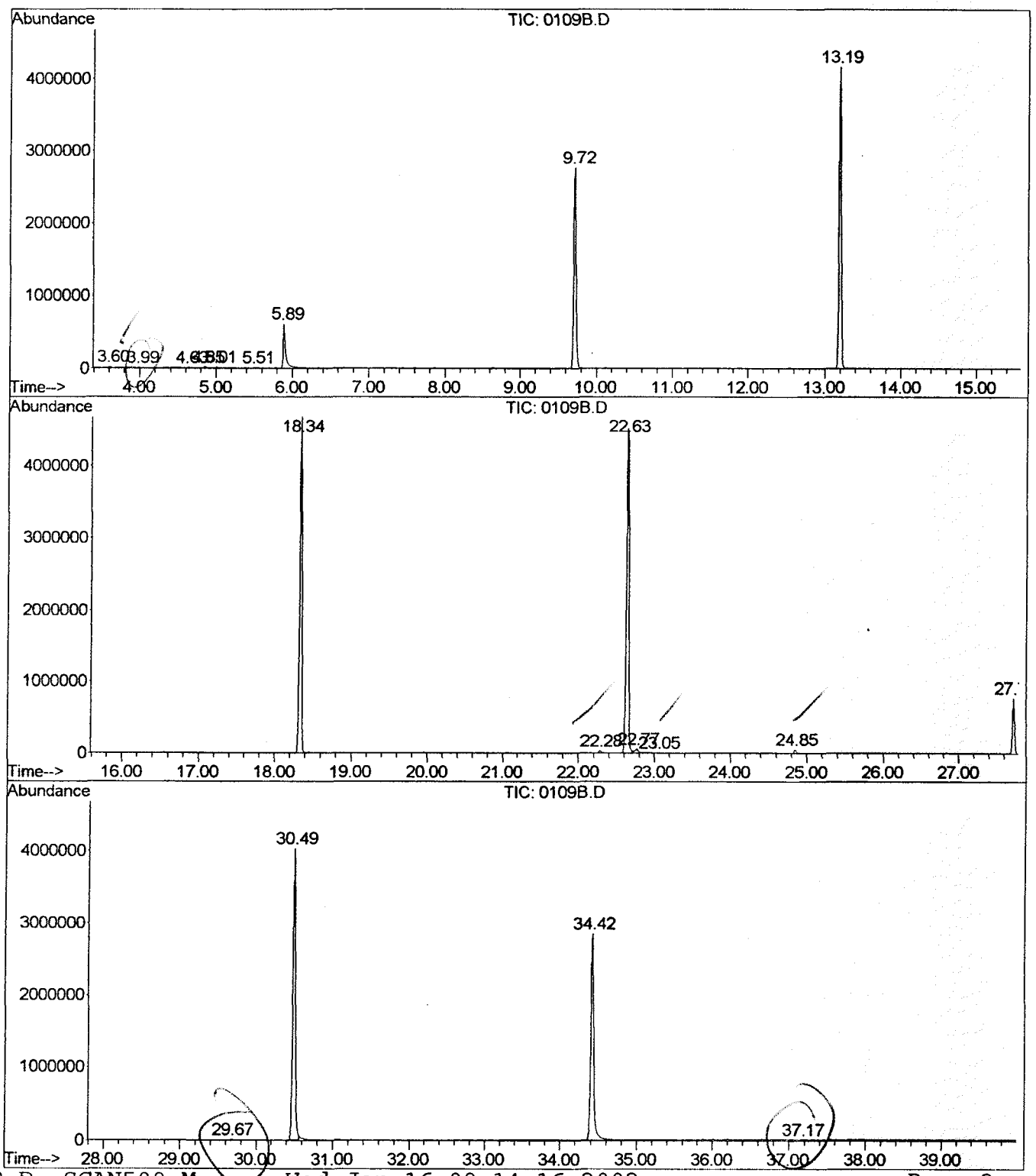
Signal : TIC

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	rVB	20983	33390	0.33%	0.063%
2	3.990	49	54	59	rVV	6726	16384	0.16%	0.031%
3	4.630	107	110	117	rVB4	10301	19789	0.20%	0.038%
4	4.846	123	129	141	rBV3	11101	45344	0.45%	0.086%
5	5.006	141	143	149	rVB3	15503	24226	0.24%	0.046%
6	5.509	183	187	203	rBV3	5012	29357	0.29%	0.056%
7	5.885	217	220	247	rBV	607326	1293735	12.93%	2.456%
8	9.721	551	556	563	rBV	2764506	5631050	56.28%	10.692%
9	13.192	855	860	865	rBV	4161139	8016142	80.12%	15.221%
10	18.341	1305	1311	1315	rBV	4670952	9036412	90.32%	17.158%
11	22.280	1651	1656	1659	rVV2	31855	60651	0.61%	0.115%
12	22.634	1681	1687	1693	rVV2	4510280	10005198	100.00%	18.997%
13	22.771	1695	1699	1717	rVV	54030	180697	1.81%	0.343%
14	23.045	1719	1723	1731	rVV	3561	15273	0.15%	0.029%
15	24.849	1877	1881	1887	rVV	48100	93479	0.93%	0.177%
16	27.726	2129	2133	2139	rVV	772538	1365151	13.64%	2.592%
17	29.667	2299	2303	2313	rVB3	5574	15041	0.15%	0.029%
18	30.489	2369	2375	2381	rBV2	4021217	9295016	92.90%	17.649%
19	34.416	2713	2719	2745	rBV	2847417	7468978	74.65%	14.182%
20	37.168	2957	2960	2969	rBV5	4090	21112	0.21%	0.040%

Sum of corrected areas: 52666425

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN15\0109B.D
Operator :
Acquired : 15 Jan 2002 10:12 am using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: lab blank 1/9
Misc Info : January 15, 2002
Vial Number: 1
Quant File :SCAN508.RES (RTE Integrator)



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Data File : C:\MSDCHEM\1\5973N\02JAN15\0109B.D          Vial: 1
Acq On    : 15 Jan 2002  10:12 am                    Operator:
Sample    : lab blank 1/9                            Inst    : Instrumen
Misc      : January 15, 2002                         Multiplr: 1.00
MS Integration Params: LSCINT.P

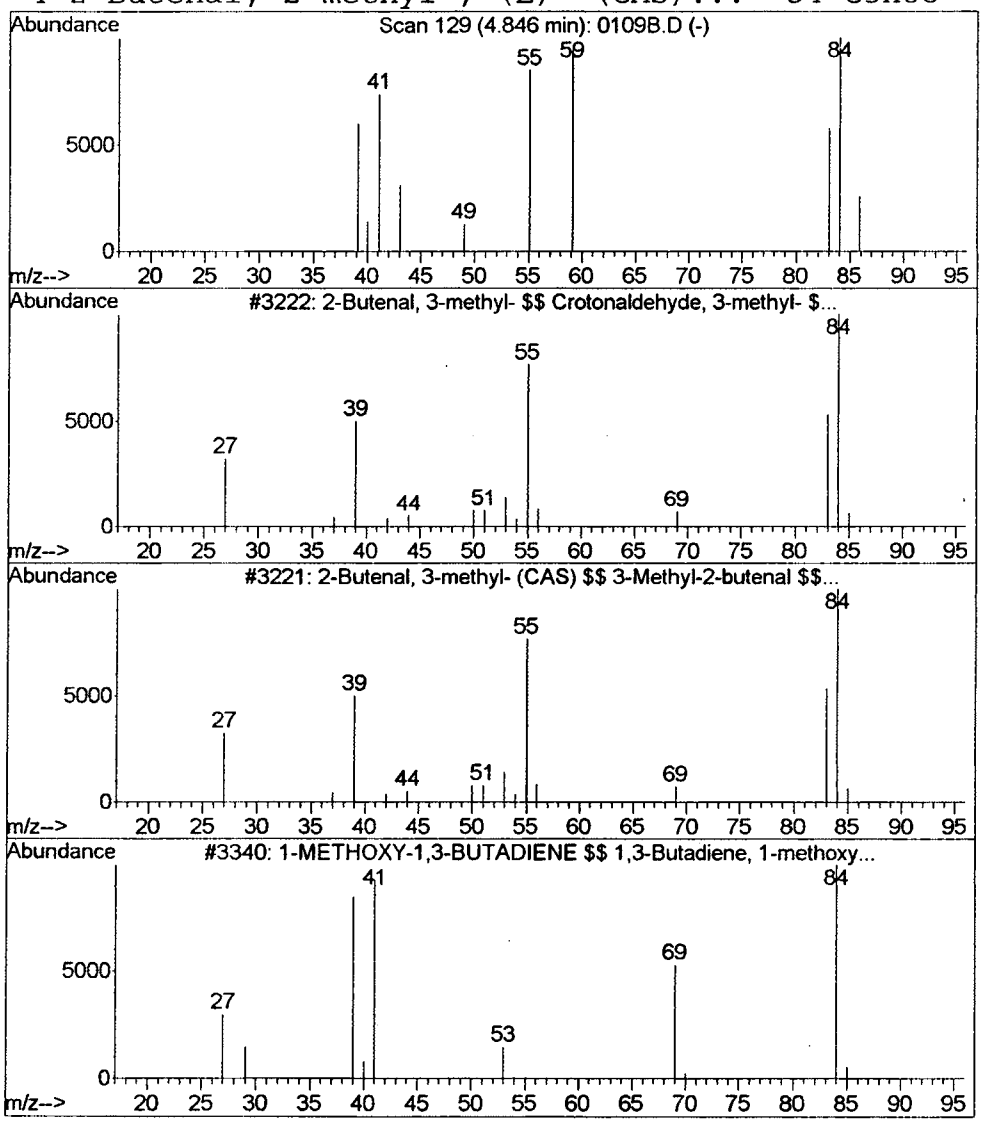
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title        : 508 scan method
Library      : C:\DATABASE\WILEY7N.L
```

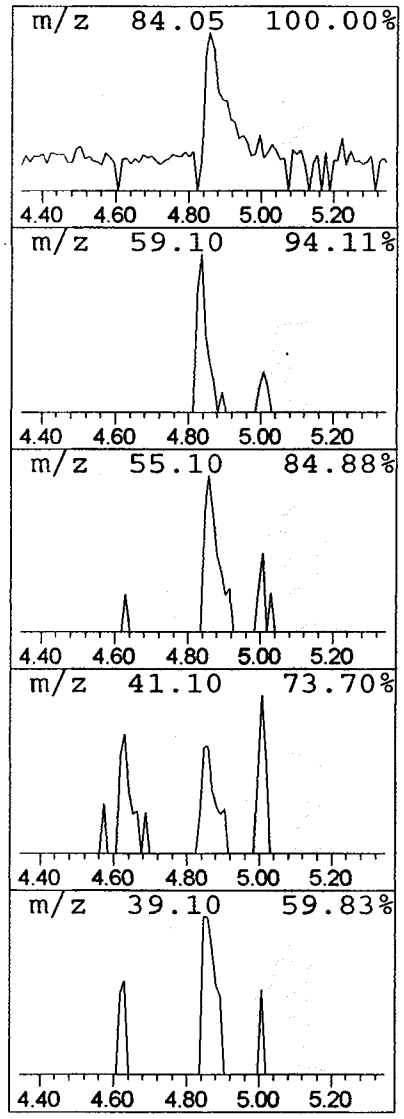
****

Peak Number 1 2-Butenal, 3-methyl- $$ Cro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	0.16 ug/L	45344	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl- $$ Crotonal...	84	C5H8O	000107-86-8	43
2	2-Butenal, 3-methyl- (CAS) $$ 3-...	84	C5H8O	000107-86-8	43
3	1-METHOXY-1,3-BUTADIENE $$ 1,3-B...	84	C5H8O	003036-66-6	9
4	2-Butenal, 2-methyl-, (E)- (CAS)...	84	C5H8O	000497-03-0	9





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Data File : C:\MSDCHEM\1\5973N\02JAN15\0109B.D          Vial: 1
Acq On    : 15 Jan 2002  10:12 am                    Operator:
Sample    : lab blank 1/9                            Inst    : Instrumen
Misc      : January 15, 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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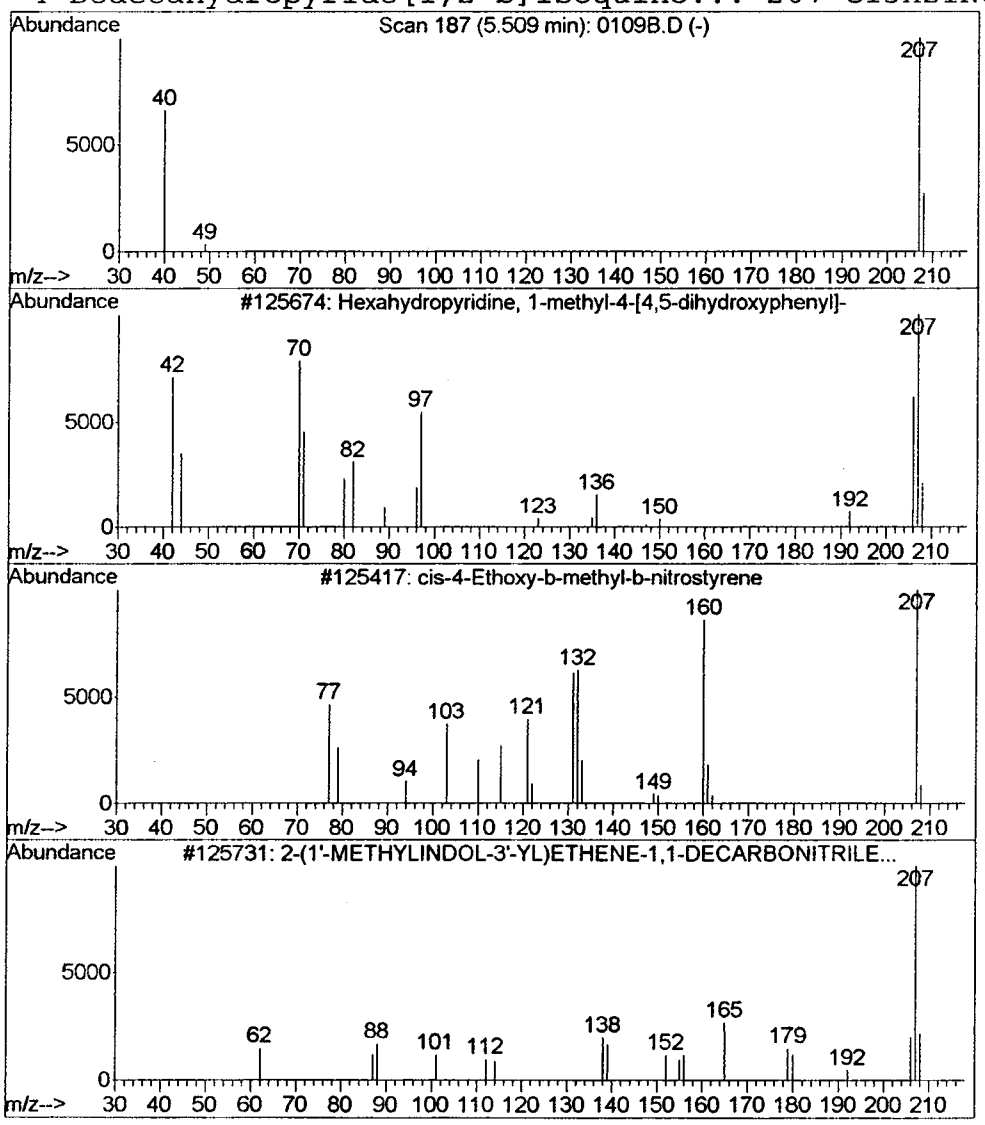
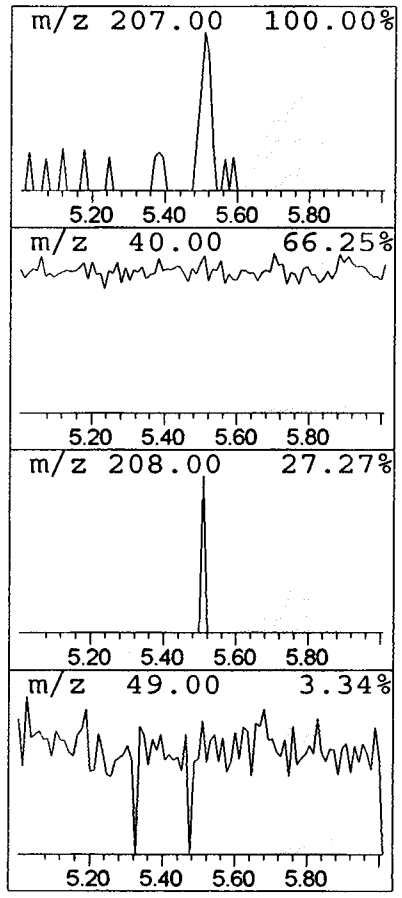
Peak Number 2 Hexahydropyridine, 1-methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.51	0.10 ug/L	29357	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexahydropyridine, 1-methyl-4-[4...	207	C12H17NO2	094427-47-1	74
2	cis-4-Ethoxy-b-methyl-b-nitrosty...	207	C11H13NO3	000000-00-0	64
3	2-(1'-METHYLINDOL-3'-YL)ETHENE-1...	207	C13H9N3	065037-75-4	5
4	Dodecahydropyrido[1,2-b]isoquino...	207	C13H21NO	000000-00-0	5





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Data File : C:\MSDCHEM\1\5973N\02JAN15\0109B.D          Vial: 1
Acq On    : 15 Jan 2002  10:12 am                    Operator:
Sample    : lab blank 1/9                            Inst    : Instrumen
Misc      : January 15, 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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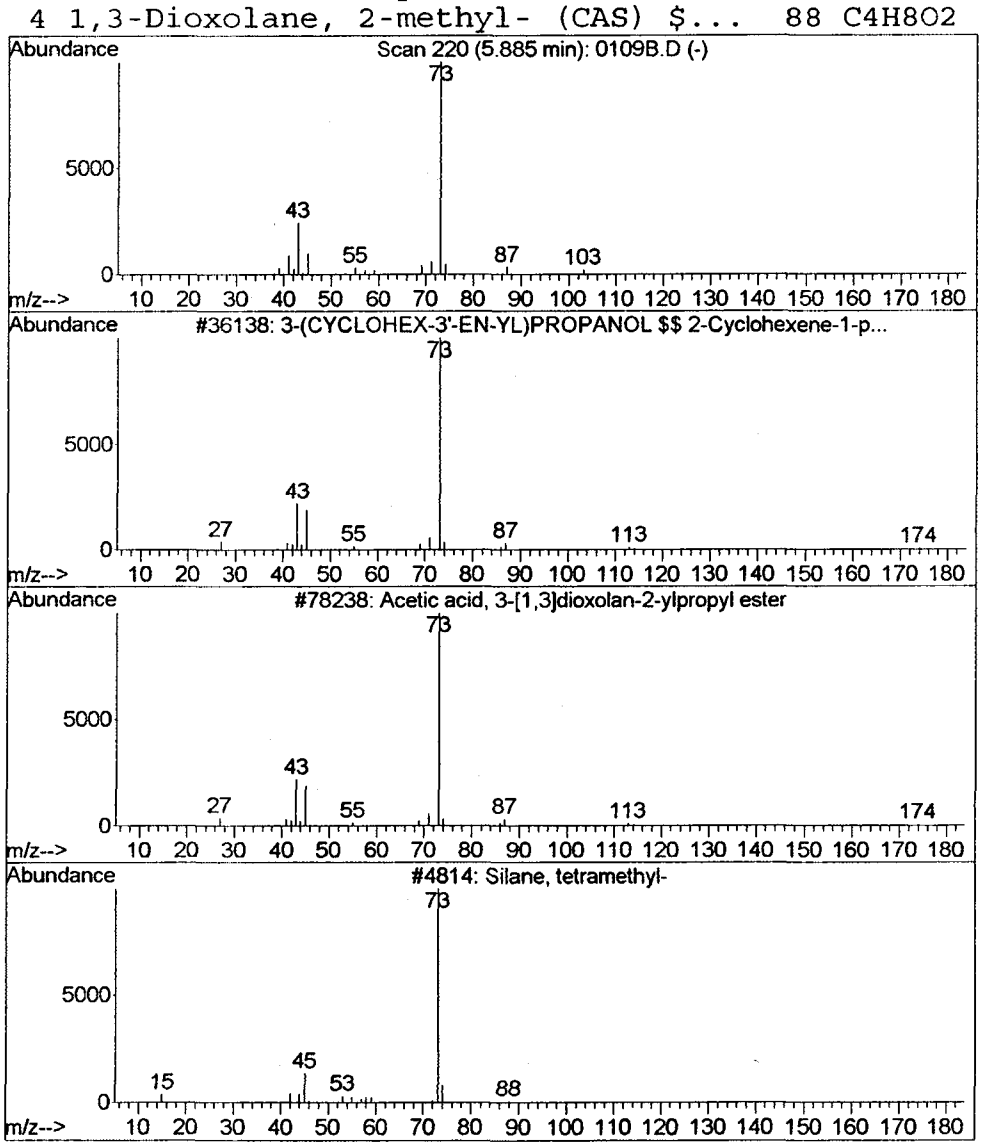
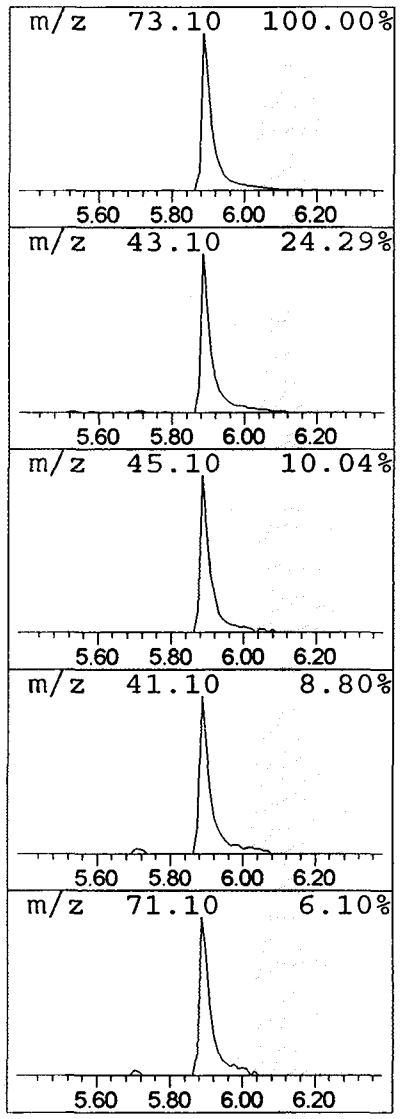
Peak Number 3 3-(CYCLOHEX-3'-EN-YL)PROPAN... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	4.59 ug/L	1293740	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-	88	C4H12Si	000075-76-3	23
4	1,3-Dioxolane, 2-methyl- (CAS) $...	88	C4H8O2	000497-26-7	9





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Data File : C:\MSDCHEM\1\5973N\02JAN15\0109B.D          Vial: 1
Acq On    : 15 Jan 2002  10:12 am                    Operator:
Sample    : lab blank 1/9                            Inst    : Instrumen
Misc      : January 15, 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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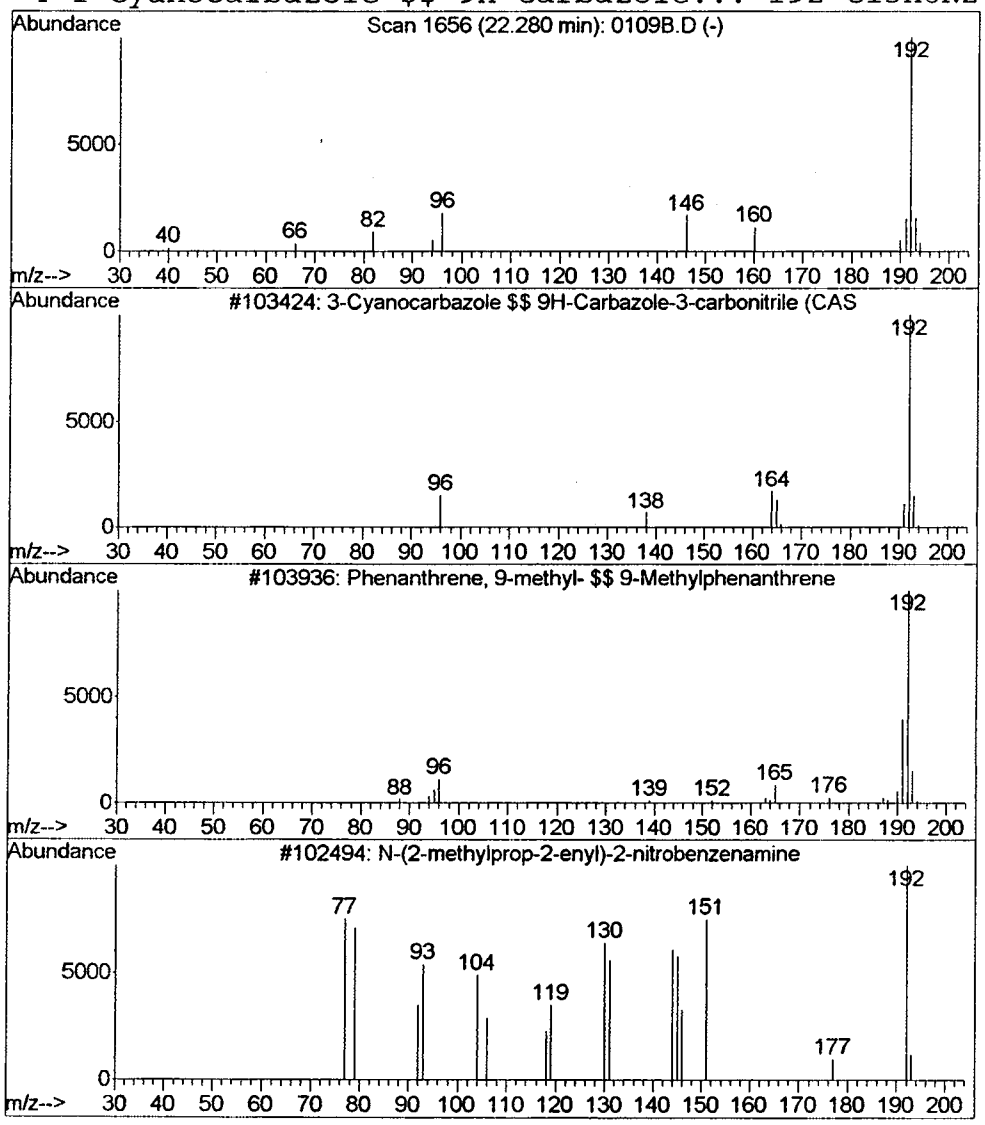
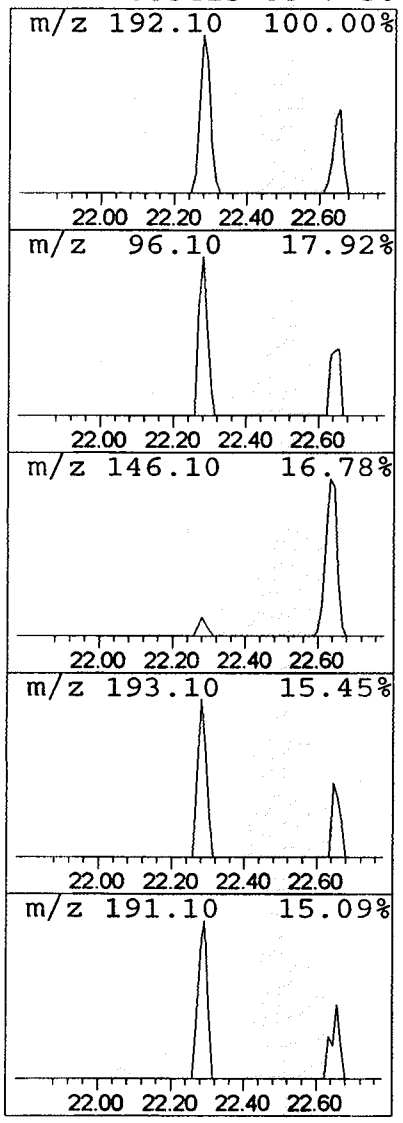
****

Peak Number 4 3-Cyanocarbazole $$ 9H-Carb... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.12 ug/L	60651	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	72
2	Phenanthrene, 9-methyl- $$ 9-Met...	192	C15H12	000883-20-5	59
3	N-(2-methylprop-2-enyl)-2-nitrob...	192	C10H12N2O2	000000-00-0	52
4	1-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	083415-88-7	50





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Data File : C:\MSDCHEM\1\5973N\02JAN15\0109B.D          Vial: 1
Acq On    : 15 Jan 2002  10:12 am                    Operator:
Sample    : lab blank 1/9                            Inst    : Instrumen
Misc      : January 15, 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  DECADEUTEROPHENANTHRENE $$ ...  Concentration Rank  2

   R.T.   EstConc           Area       Relative to ISTD          R.T.
 ---------------------------------------------------------------------
  22.77    0.36 ug/L       180697    Phenanthrene-d10           22.63

  Hit# of  5    Tentative ID                MW  MolForm       CAS#       Qual
 ---------------------------------------------------------------------------
  1 DECADEUTEROPHENANTHRENE $$ Phena...  188 C14D10         001517-22-2 86
  2 Phenanthrene-d10                     188 C14D10         001517-22-2 64
  3 1-methyl-5-methoxy-1,4-epoxynaph...  188 C12H12O2       000000-00-0 59
  4 Anthracene-d10-                      188 C14D10         001719-06-8 56
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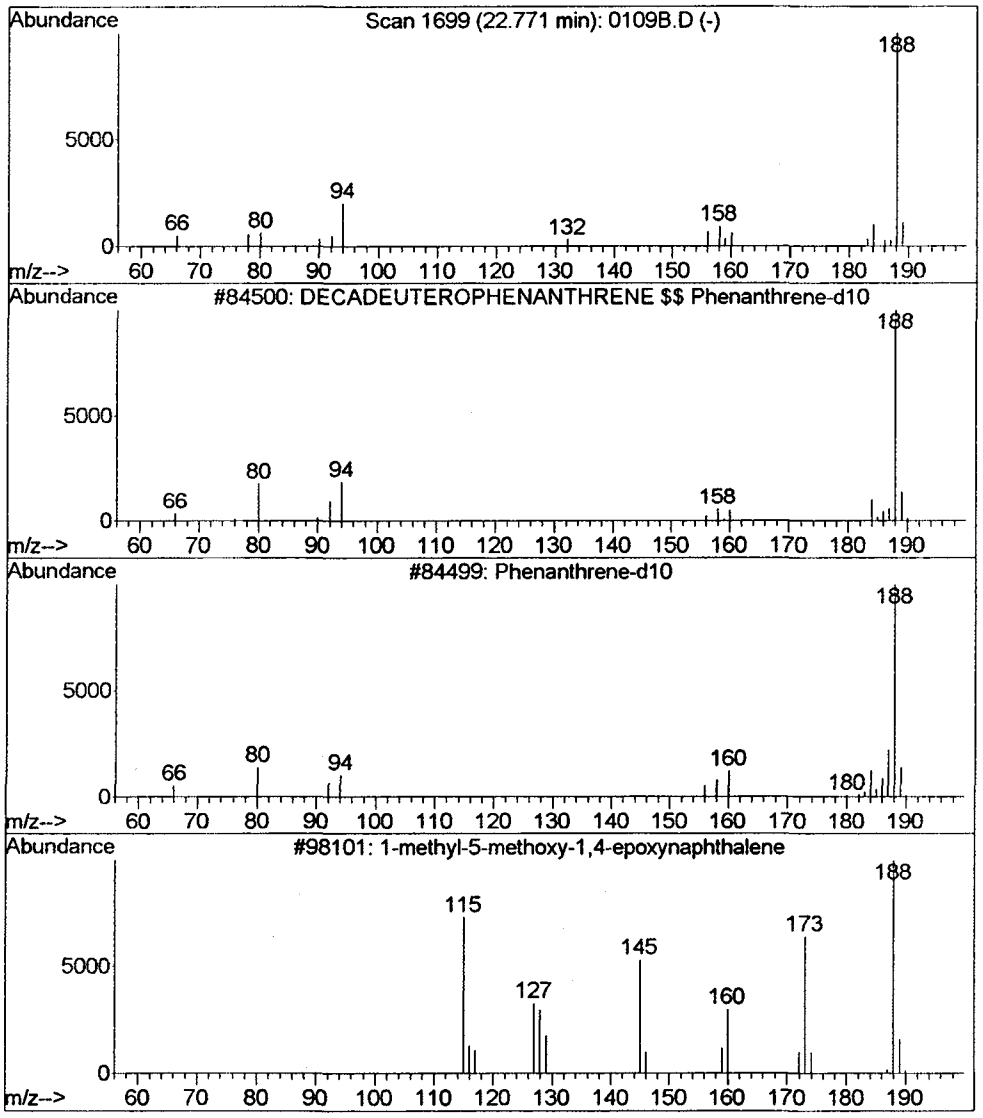

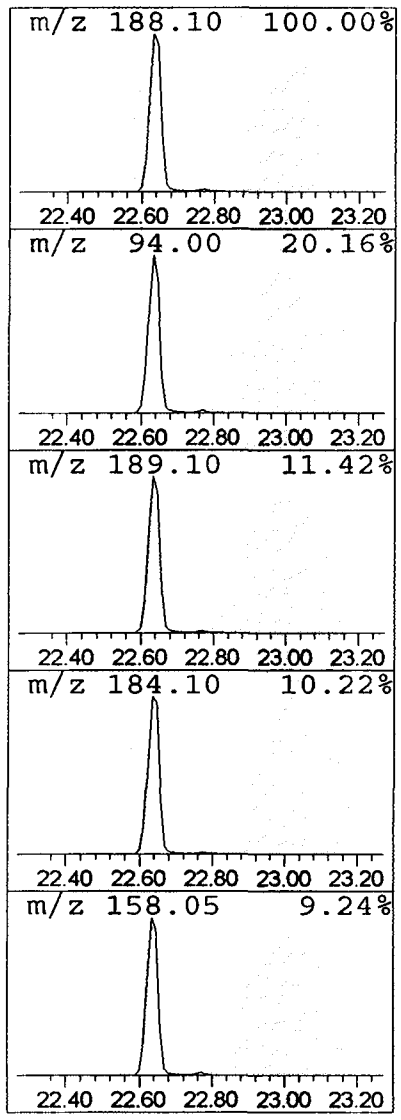

Operator ID: Date Acquired: 15 Jan 2002 10:12 am
Data File: C:\MSDCHEM\1\5973N\02JAN15\0109B.D
Name: lab blank 1/9
Misc: January 15, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
2-Butenal, 3-meth...	4.85	0.2	ug/L	45344	1	9.72	5631050	20.0
Hexahydropyridine...	5.51	0.1	ug/L	29357	1	9.72	5631050	20.0
3-(CYCLOHEX-3'-EN...	5.89	4.6	ug/L	1293740	1	9.72	5631050	20.0
3-Cyanocarbazole ...	22.28	0.1	ug/L	60651	4	22.63	10005200	20.0
DECADEUTEROPHENAN...	22.77	0.4	ug/L	180697	4	22.63	10005200	20.0