User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 02/27/2002 Time: 11:18:30

Sample: AE00943
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 2/27/02 11:05 Ended: 2/27/02 11:05 Analyst: MF
Result source: manual entry
Page: 1

	Component Name	Vial	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-Diphenylhydraz		< 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 (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022202\0114LB.D Vial: 11
Acq On : 22 Feb 2002 9:11 pm Operator: McLean
Sample : 1/14/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 27 06:14:17 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	150	1204638	20.00	ug/L	0.00
10) Naphthalene-d8	13.05	136	3193396	20.00	ug/L	0.00
17) Acenaphthene-d10	18.17	164	1736983	20.00	ug/L	0.00
29) Phenanthrene-d10	22.53	188	2666300	20.00	ug/L	0.00
38) Chrysene-d12	30.34	240	2550365	20.00	ug/L	-0.02
44) Perylene-d12	34.22	264	1774593	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.47	235	148175	3.50	ug/L	0.00
Spiked Amount 5.000			Recovery = 70.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-chloroethyl) ether	0.00	93	0	N.D.		
4) 1,3 - Dichlorobenze	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-Chloropr	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) methan	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	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	18.17	165	220838	9.14	ug/L #	25
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-phenyl ethe	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
30) N-Nitrosodiphenylamine	0.00	169	0	N.D.		
31) 4-Bromophenyl-phenyl ether	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.		
35) Di-n-butylphthalate	24.68	149	5916	0.03	ug/L	79
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) antracene	30.34	228	6447	0.04	ug/L	66
42) Bis (2-ethylhexyl) phthala	30.95	149	7660	0.07	ug/L	93
43) Chrysene	30.34	228	6447	0.04	ug/L	63
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo (b) fluoranthene	0.00	252	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022202\0114LB.D Vial: 11
Acq On : 22 Feb 2002 9:11 pm Operator: McLean
Sample : 1/14/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 27 06:14:17 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

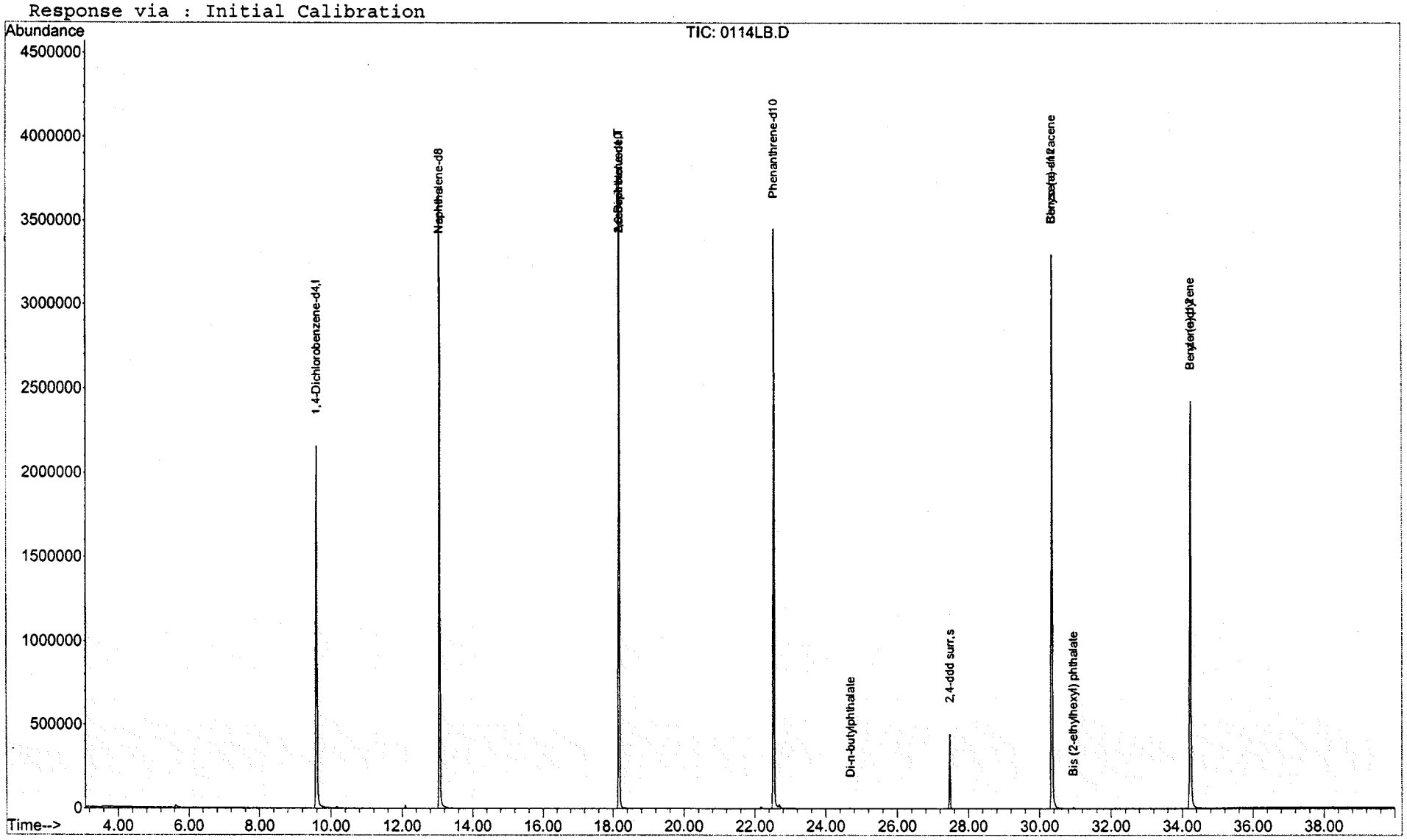
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47)	Benzo (k) fluoranthene	0.00	252	0	N.D.	
48)	Benzo (a) pyrene	34.21	252	6719	0.05 ug/L	56
49)	Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
50)	Dibenz (a,h) anthracene	0.00	278	0	N.D.	
51)	Benzo (g,h,i) perylene	0.00	276	0	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022202\0114LB.D Vial: 11
Acq On : 22 Feb 2002 9:11 pm Operator: McLean
Sample : 1/14/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 27 6:14 2002 Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\022202\0114LB.D Vial: 11
Acq On : 22 Feb 2002 9:11 pm Operator: McLean
Sample : 1/14/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

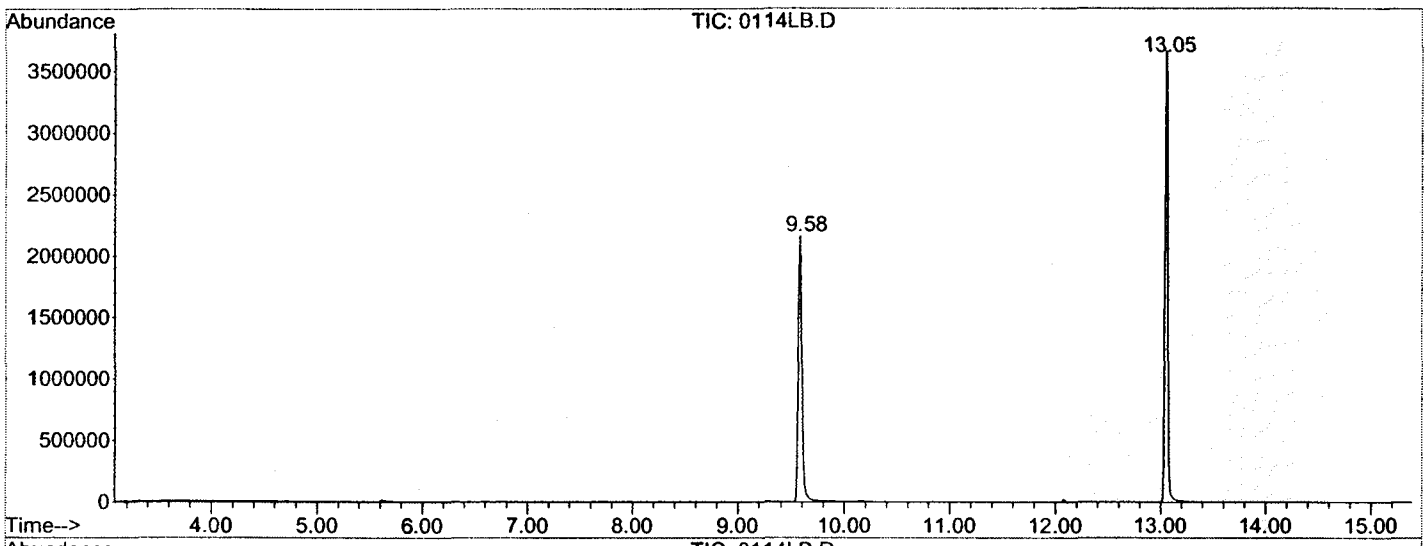
Signal : TIC

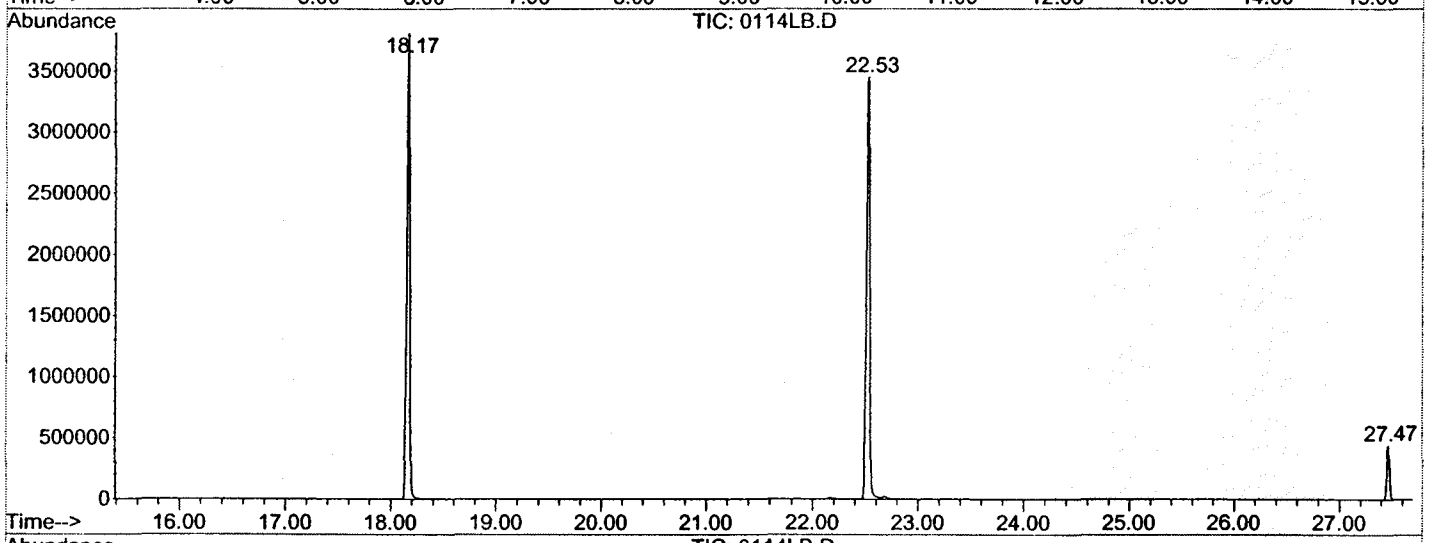
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.579	712	717	731	rBV	2158249	5080447	68.00%	12.470%
2	13.053	1095	1100	1115	rBV	3665414	6873805	92.00%	16.872%
3	18.169	1658	1664	1677	rBV	3808386	7266089	97.25%	17.835%
4	22.532	2138	2145	2157	rBV2	3450658	7396206	98.99%	18.154%
5	27.466	2684	2689	2698	rBB	442948	765174	10.24%	1.878%
6	30.341	2999	3006	3022	rBV2	3297702	7471528	100.00%	18.339%
7	34.223	3426	3434	3452	rBV	2423621	5888033	78.81%	14.452%

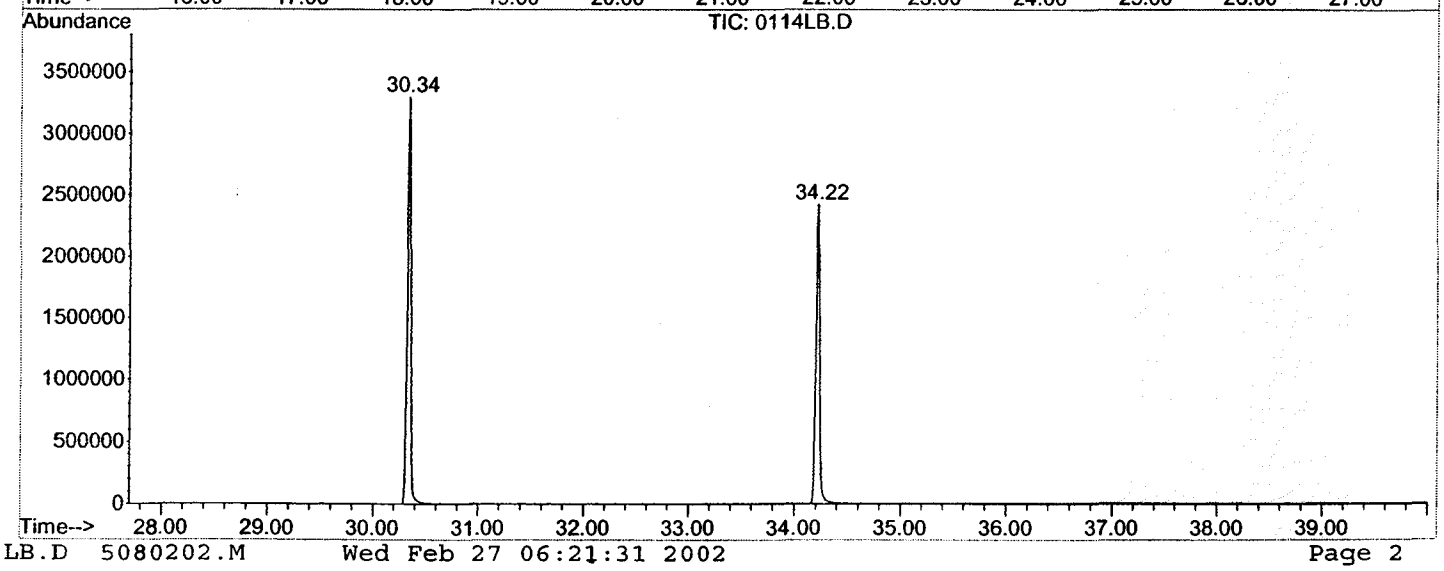
Sum of corrected areas: 40741282

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\022202\0114LB.D
Operator : McLean
Acquired : 22 Feb 2002 9:11 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 1/14/02
Misc Info :
Vial Number: 11
Quant File :5080202.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 22 Feb 2002 9:11 pm
Data File: C:\MSDCHEM\1\DATA\022202\0114LB.D
Name: 1/14/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: demo.l

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/27/2002 Time: 14:20:32

Sample: AE00943
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/27/02 14:06 Ended: 2/27/02 14:06 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		98		5.0

Comments for Sample AE00943 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-27-2002 Time: 14:20:41

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was below its acceptance range.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\022202\0943.D Vial: 12
Acq On : 22 Feb 2002 10:00 pm Operator: McLean
Sample : 1/14/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 27 06:22:04 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	150	922403	20.00	ug/L	0.00
10) Naphthalene-d8	13.05	136	2448633	20.00	ug/L	0.00
17) Acenaphthene-d10	18.17	164	1326936	20.00	ug/L	0.00
29) Phenanthrene-d10	22.52	188	2048915	20.00	ug/L	0.00
38) Chrysene-d12	30.34	240	1926488	20.00	ug/L	-0.02
44) Perylene-d12	34.21	264	1342944	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.47	235	158957	4.89	ug/L	0.00
Spiked Amount 5.000			Recovery = 97.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-chloroethyl) ether	0.00	93	0	N.D.		
4) 1,3 - Dichlorobenze	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-Chloropr	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) methan	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	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	18.16	165	173210	9.38	ug/L #	25
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-phenyl ethe	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
30) N-Nitrosodiphenylamine	0.00	169	0	N.D.		
31) 4-Bromophenyl-phenyl ether	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.		
35) Di-n-butylphthalate	24.68	149	6298	0.05	ug/L	79
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) antracene	30.33	228	4872	0.04	ug/L	56
42) Bis (2-ethylhexyl) phthala	0.00	149	0	N.D.		
43) Chrysene	30.33	228	4872	0.04	ug/L	53
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo (b) fluoranthene	0.00	252	0	N.D.		

(#) = qualifier out of range (m) = manual integration
0943.D 5080202.M Wed Feb 27 08:35:45 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\022202\0943.D Vial: 12
Acq On : 22 Feb 2002 10:00 pm Operator: McLean
Sample : 1/14/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 27 06:22:04 2002 Quant Results File: 5080202.RES

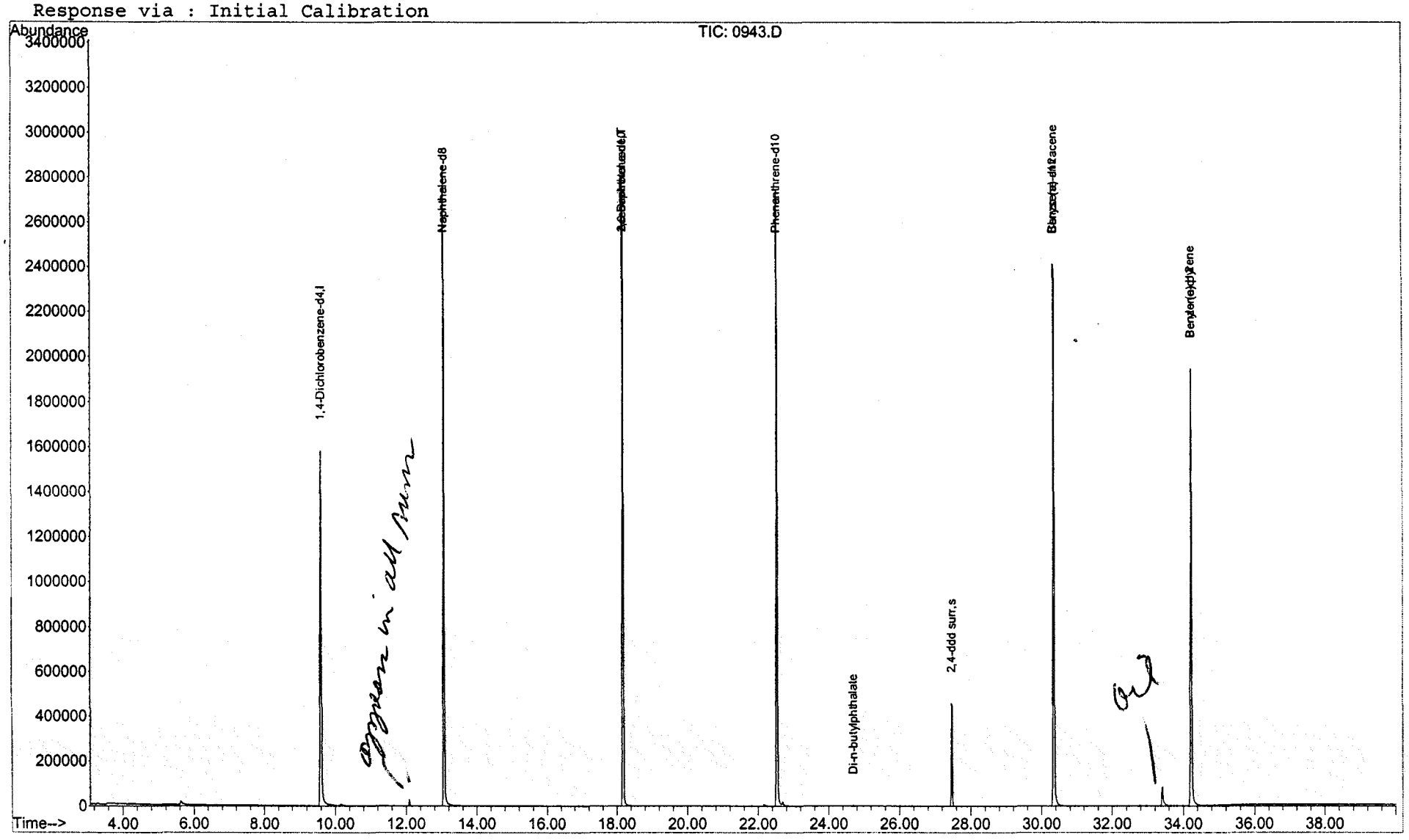
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47)	Benzo (k) fluoranthene	0.00	252	0	N.D.	
48)	Benzo (a) pyrene	34.21	252	5262	0.05 ug/L	58
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
0943.D 5080202.M Wed Feb 27 08:35:45 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\022202\0943.D Vial: 12
Acq On : 22 Feb 2002 10:00 pm Operator: McLean
Sample : 1/14/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 27 6:22 2002 Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\022202\0943.D Vial: 12
Acq On : 22 Feb 2002 10:00 pm Operator: McLean
Sample : 1/14/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

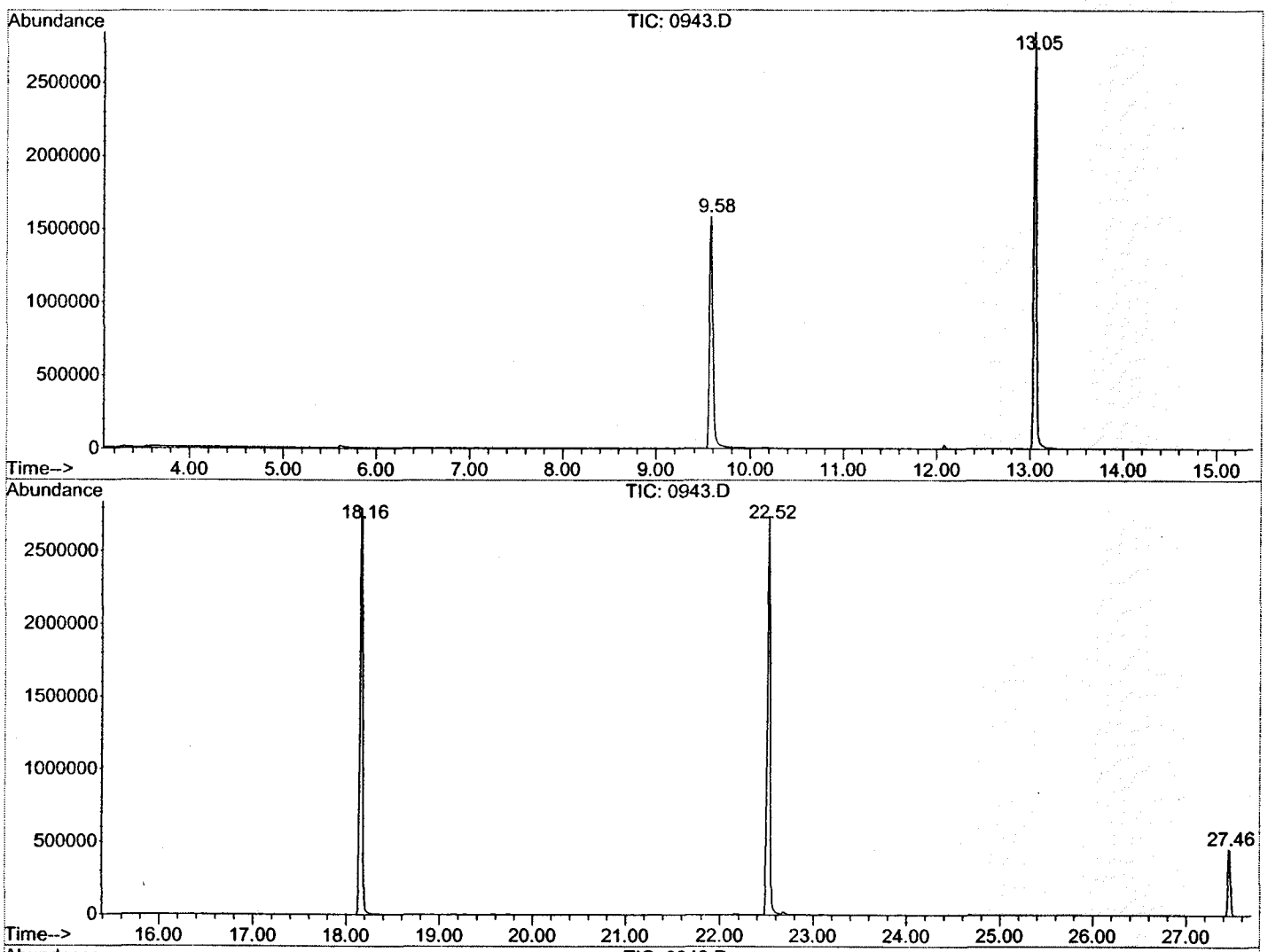
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.579	712	717	740	rBV	1580025	3903907	68.88%	12.342%
2	13.053	1095	1100	1114	rBV	2841285	5293070	93.39%	16.733%
3	18.160	1658	1663	1679	rBV	2800126	5592663	98.67%	17.680%
4	22.523	2138	2144	2158	rBV2	2745021	5667827	100.00%	17.918%
5	27.457	2684	2688	2696	rBB	455605	845603	14.92%	2.673%
6	30.332	2999	3005	3023	rBV2	2410552	5623654	99.22%	17.778%
7	33.407	3338	3344	3354	rBV2	81576	231484	4.08%	0.732%
8	34.214	3426	3433	3448	rBV	1943274	4473752	78.93%	14.143%

Sum of corrected areas: 31631960

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\022202\0943.D
Operator : McLean
Acquired : 22 Feb 2002 10:00 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 1/14/02
Misc Info :
Vial Number: 12
Quant File :5080202.RES (RTE Integrator)



943.D 5080202.M Wed Feb 27 08:30:01 2002 Page 2

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\022202\0943.D Vial: 12
Acq On : 22 Feb 2002 10:00 pm Operator: McLean
Sample : 1/14/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

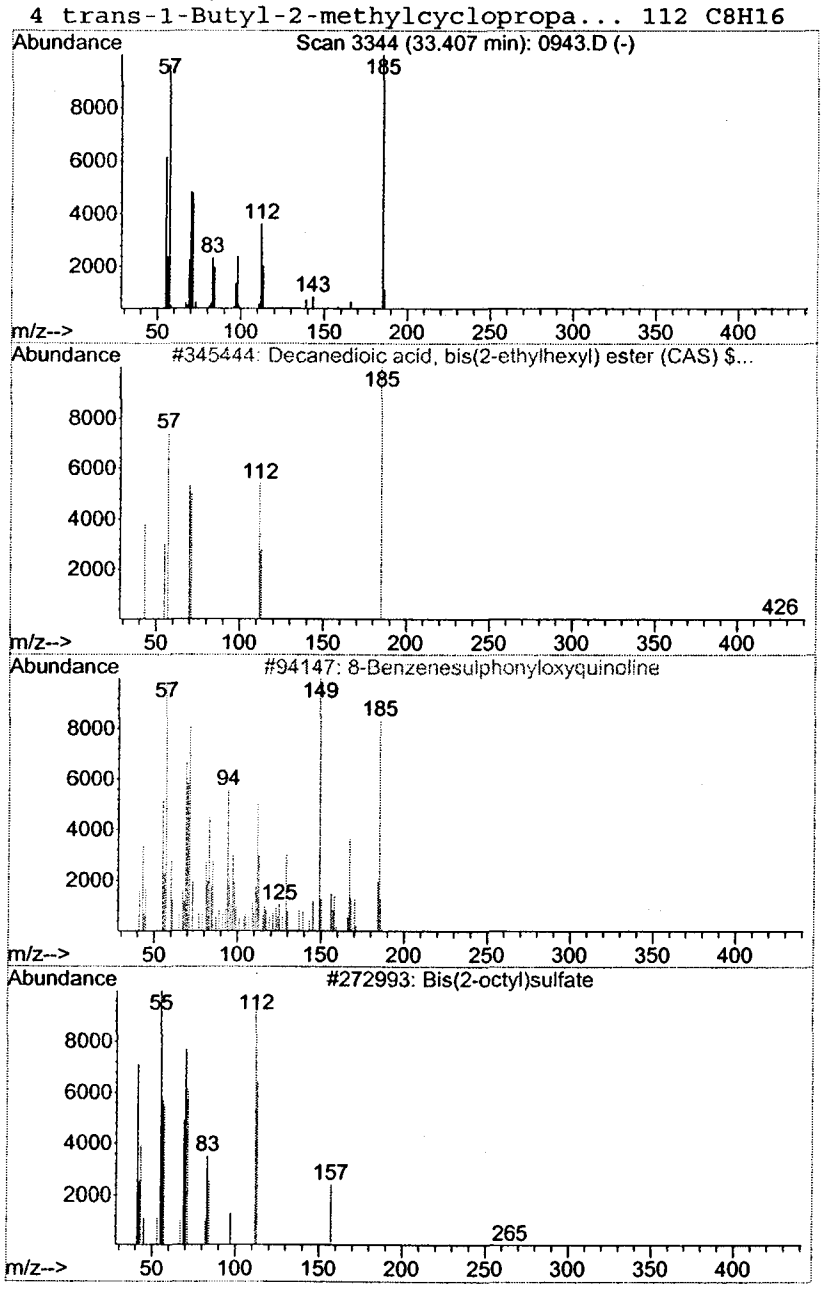
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

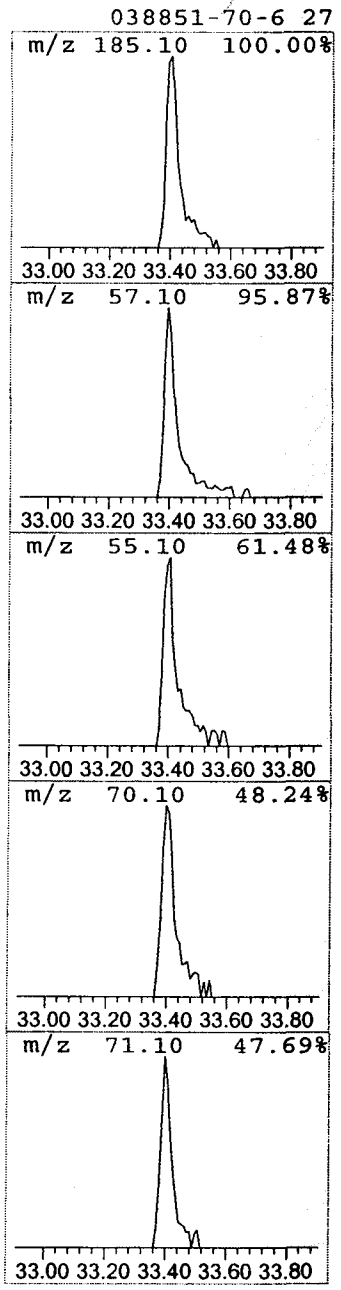
****

Peak Number 1 Decanedioic acid, bis(2-eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.41	1.03 ug/L	231484	Perylene-d12	34.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanedioic acid, bis(2-ethylhex...	426	C26H50O4	000122-62-3	53
2	8-Benzenesulphonyloxyquinoline	185	C12H11NO	000000-00-0	50
3	Bis(2-octyl)sulfate	322	C16H34O4S	000000-00-0	35
4	trans-1-Butyl-2-methylcyclopropa...	112	C8H16	038851-70-6	27





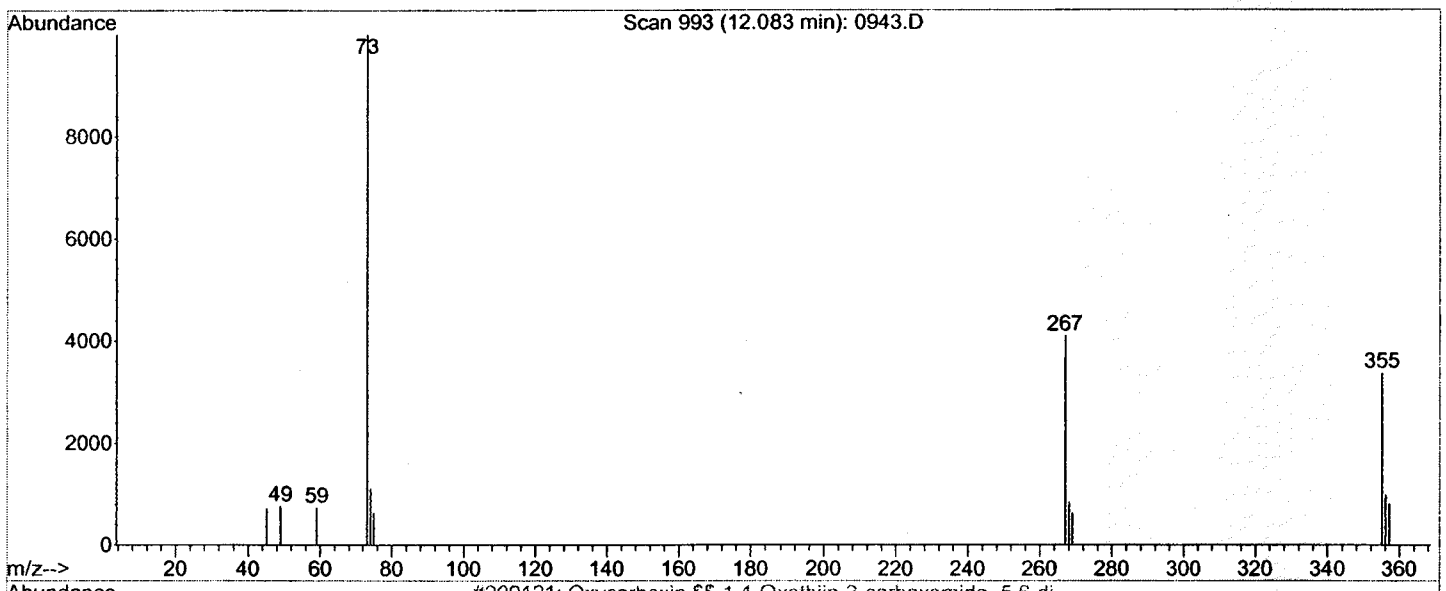
)943.D 5080202.M Wed Feb 27 08:30:02 2002 Page 3

Tentatively Identified Compound (LSC) summary

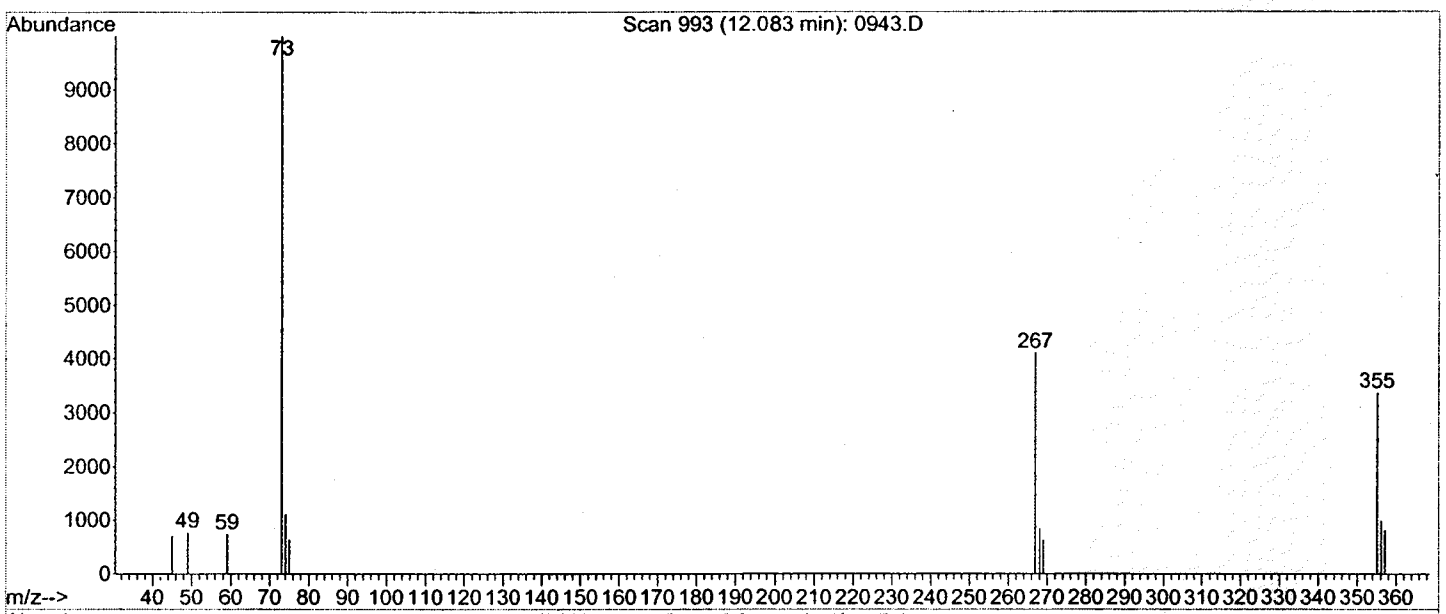
Operator ID: McLean Date Acquired: 22 Feb 2002 10:00 pm
Data File: C:\MSDCHEM\1\DATA\022202\0943.D
Name: 1/14/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

						--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Decanedioic acid,...	33.41	1.0	ug/L	231484	6	34.21	4473750	20.0

```
Library Searched : C:\DATABASE\WILEY7N.L
Quality          : 4
ID               : Oxycarboxin $$ 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-2-methyl-N-phen
                   yl-, 4,4-dioxide $$ 1,4-Oxathiin-3-carboxanilide, 5,6-dihydro-2-methyl
                   -, 4,4-dioxide $$ Carboxin sulfone $$ DCMOD $$ F 461 $$ F 461 (Pestici
                   de) $$ Oxicarboxin $$ Oxycarboxine $$ Plant W
```



- Library Searched : C:\DATABASE\WILEY7N.L
  Quality : 4
  ID : 4-n-Butyl-3-[n-octylsulfonyl]nitrobenzene



```
File       : C:\MSDCHEM\1\DATA\022202\0943.D
Operator   : McLean
Acquired   : 22 Feb 2002  10:00 pm using AcqMethod 508SCAN
Instrument :    Instrumen
Sample Name: 1/14/02
Misc Info  :
Vial Number: 12
```