User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 16:27:08

Sample: AE02459
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/7/02 16:26 Ended: 3/7/02 16:26 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		71		5.0

Comments for Sample AE02459 - Analysis $GCMS

Vestchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-07-2002 Time: 16:27:14

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 9 of the 43 compounds in the LCS Standard were below their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022702\02459.D Vial: 7
Acq On : 27 Feb 2002 2:00 pm Operator: McLean
Sample : GC SCAN 2/4 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 01 08:52:19 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	1593271	20.00	ug/L	0.00
10) Naphthalene-d8	13.05	136	4172874	20.00	ug/L	0.00
17) Acenaphthene-d10	18.17	164	2299502	20.00	ug/L	0.00
29) Phenanthrene-d10	22.53	188	3514428	20.00	ug/L	0.00
38) Chrysene-d12	30.35	240	3422142	20.00	ug/L	0.00
44) Perylene-d12	34.22	264	2362580	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.47	235	197612	3.54	ug/L	0.00
Spiked Amount 5.000			Recovery =	70.80%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D. 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	295339	9.23	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	6929	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	0.00	228	0	N.D. d		
42) Bis (2-ethylhexyl) phthala	30.95	149	7623	0.05	ug/L	79
43) Chrysene	30.35	228	8923	0.04	ug/L	56
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
02459.D 5080202.M Fri Mar 01 08:52:52 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022702\02459.D Vial: 7
Acq On : 27 Feb 2002 2:00 pm Operator: McLean
Sample : GC SCAN 2/4 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 01 08:52:19 2002 Quant Results File: 5080202.RES

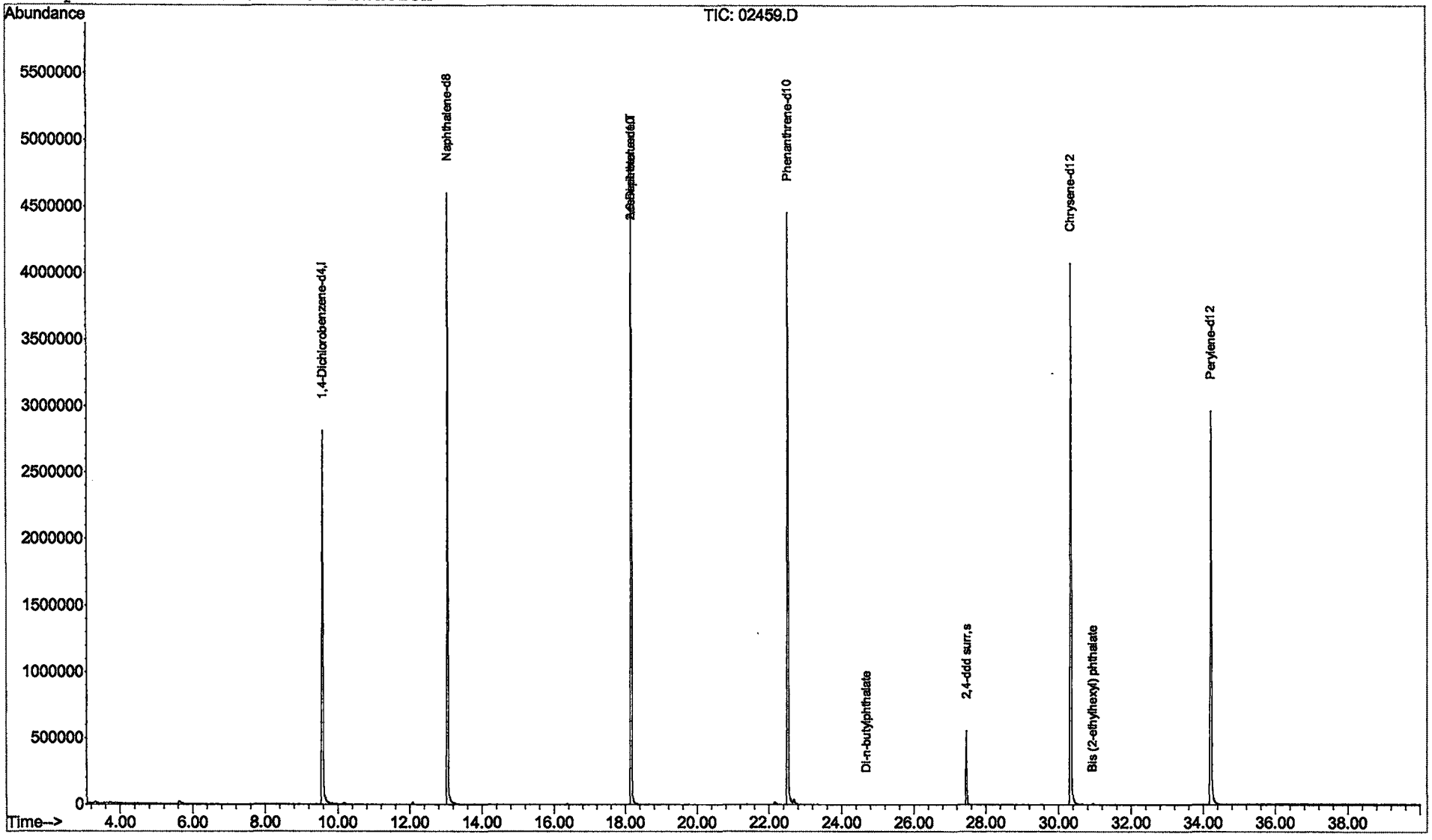
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	0.00	252	0	N.D.	
48) Benzo (a) pyrene	0.00	252	0	N.D. d	
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
02459.D 5080202.M Fri Mar 01 08:52:52 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\022702\02459.D Vial: 7
Acq On : 27 Feb 2002 2:00 pm Operator: McLean
Sample : GC SCAN 2/4 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 1 8:52 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\022702\02459.D Vial: 7
Acq On : 27 Feb 2002 2:00 pm Operator: McLean
Sample : GC SCAN 2/4 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

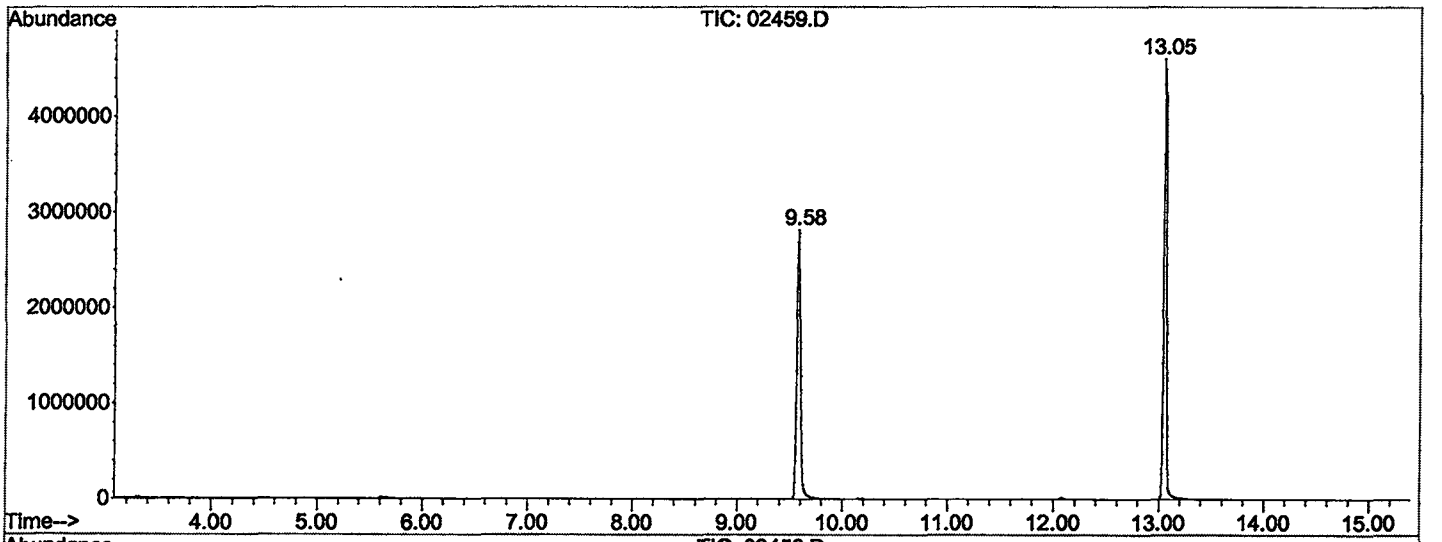
Signal : TIC

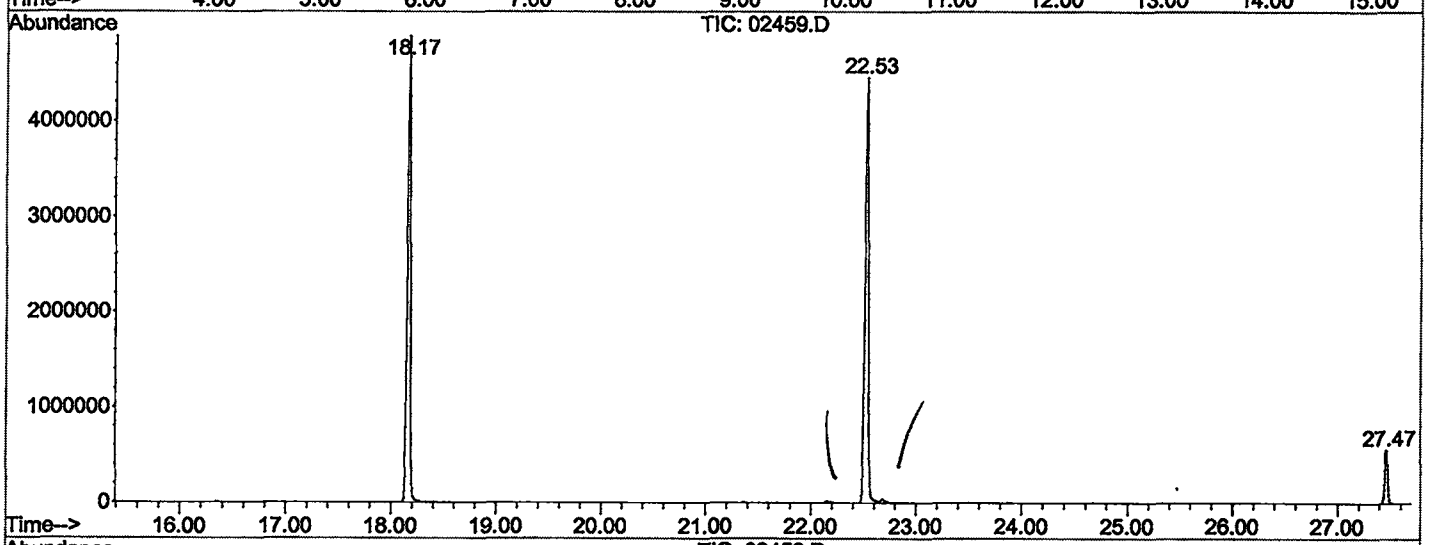
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.579	712	717	733	rBV	2816607	6628181	66.22%	12.350%
2	13.053	1095	1100	1114	rBV	4604249	8976208	89.68%	16.724%
3	18.169	1658	1664	1677	rBV	4894270	9551297	95.43%	17.796%
4	22.532	2138	2145	2158	rBV2	4458257	9703378	96.95%	18.079%
5	27.466	2684	2689	2698	rBB	556954	1031558	10.31%	1.922%
6	30.350	2999	3007	3029	rBV2	4079231	10008966	100.00%	18.649%
7	34.223	3426	3434	3452	rBV2	2966790	7771690	77.65%	14.480%

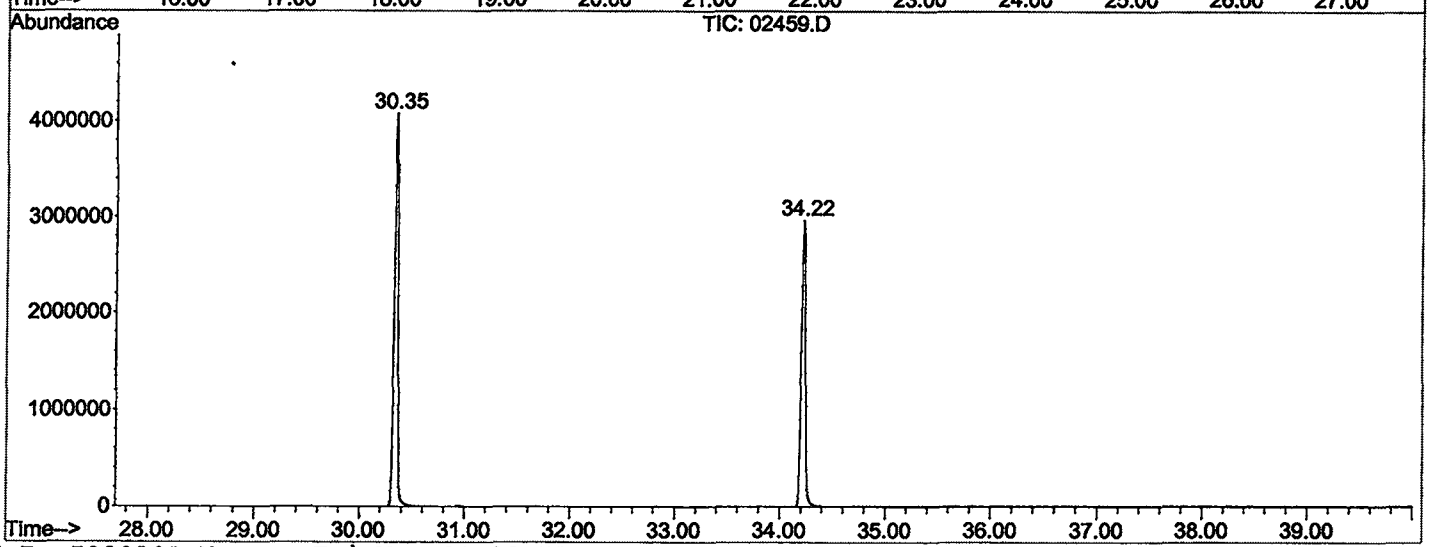
Sum of corrected areas: 53671278

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\022702\02459.D
Operator : McLean
Acquired : 27 Feb 2002 2:00 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: GC SCAN 2/4
Misc Info :
Vial Number: 7
Quant File :5080202.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 27 Feb 2002 2:00 pm
Data File: C:\MSDCHEM\1\DATA\022702\02459.D
Name: GC SCAN 2/4
Misc:
Method: C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
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