

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/20/2002 Time: 16:02:55

Sample: AE02145
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/20/02 16:02 Ended: 3/20/02 16:02 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		119		5.0

Comments for Sample AE02145 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 03-20-2002 Time: 16:02:58

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. Recoveries for 9 of 43 compounds in the LCS Standard were above their acceptance ranges, while one was below. This sample was extracted and analyzed twice because the LCS Standard was low the first time. Surrogate Standard recoveries were acceptable both times.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031802\2145.D

Vial: 23

Acq On : 19 Mar 2002 8:10 pm

Operator: McLean

Sample : GC/MS SCAN 3/8

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: BENZO.P

Quant Time: Mar 20 02:18:30 2002

Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)

Title : Quantitation For Method 508gcscan

Last Update : Thu Mar 14 13:02:27 2002

Response via : Initial Calibration

DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.54	150	1202962	20.00	ug/L	0.00
10) Naphthalene-d8	13.02	136	3324035	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	1866080	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	2802531	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	2493812	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1322295	20.00	ug/L	0.00

System Monitoring Compounds

37) 2,4-ddd surr	27.43	235	199380	5.96	ug/L	0.00
Spiked Amount	5.000		Recovery	=	119.20%	

Target Compounds

					Qvalue	
2) N-nitroso-dimethyl amine	3.24	74	5317	0.20	ug/L	100
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	18.13	165	236381	10.92	ug/L #	25 X
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. d		
34) Anthracene	0.00	178	0	N.D. d		
35) Di-n-butylphthalate	24.65	149	6465	0.04	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) anthracene	0.00	228	0	N.D. d		
42) Bis (2-ethylhexyl) phthala	30.91	149	17697	0.18	ug/L	83
43) Chrysene	0.00	228	0	N.D. d		
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

2145.D 5080302.M Wed Mar 20 02:19:13 2002

Quantitation Report

(QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031802\2145.D

Vial: 23

Acq On : 19 Mar 2002 8:10 pm

Operator: McLean

Sample : GC/MS SCAN 3/8

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: BENZO.P

Quant Time: Mar 20 02:18:30 2002

Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)

Title : Quantitation For Method 508gcscan

Last Update : Thu Mar 14 13:02:27 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

2145.D 5080302.M Wed Mar 20 02:19:14 2002

Data File : C:\MSDCHEM\1\DATA\031802\2145.D

Vial: 23

Acq On : 19 Mar 2002 8:10 pm

Operator: McLean

Sample : GC/MS SCAN 3/8

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: BENZO.P

Quant Time: Mar 20 2:19 2002

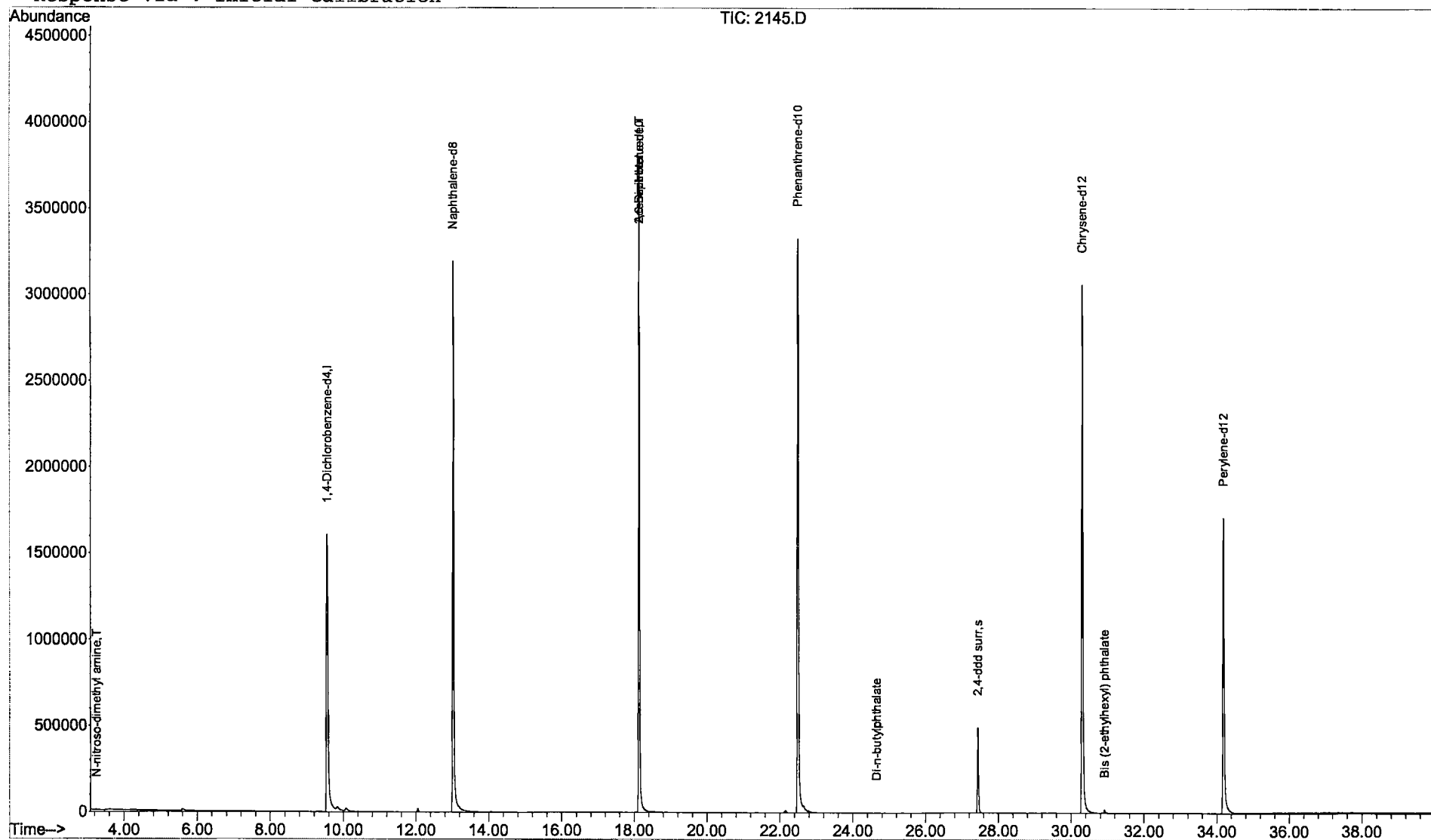
Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)

Title : Quantitation For Method 508gcscan

Last Update : Thu Mar 14 13:02:27 2002

Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\031802\2145.D
Acq On : 19 Mar 2002 8:10 pm
Sample : GC/MS SCAN 3/8
Misc :
MS Integration Params: LSCINT.P

Vial: 23
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\5973N\5080302.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

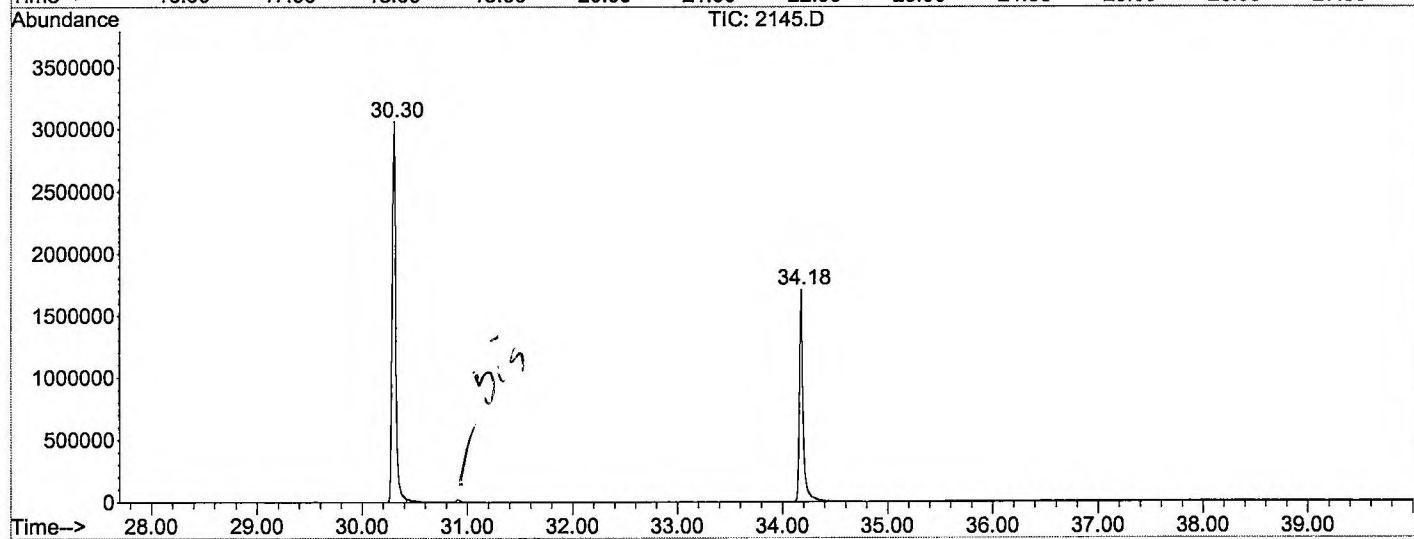
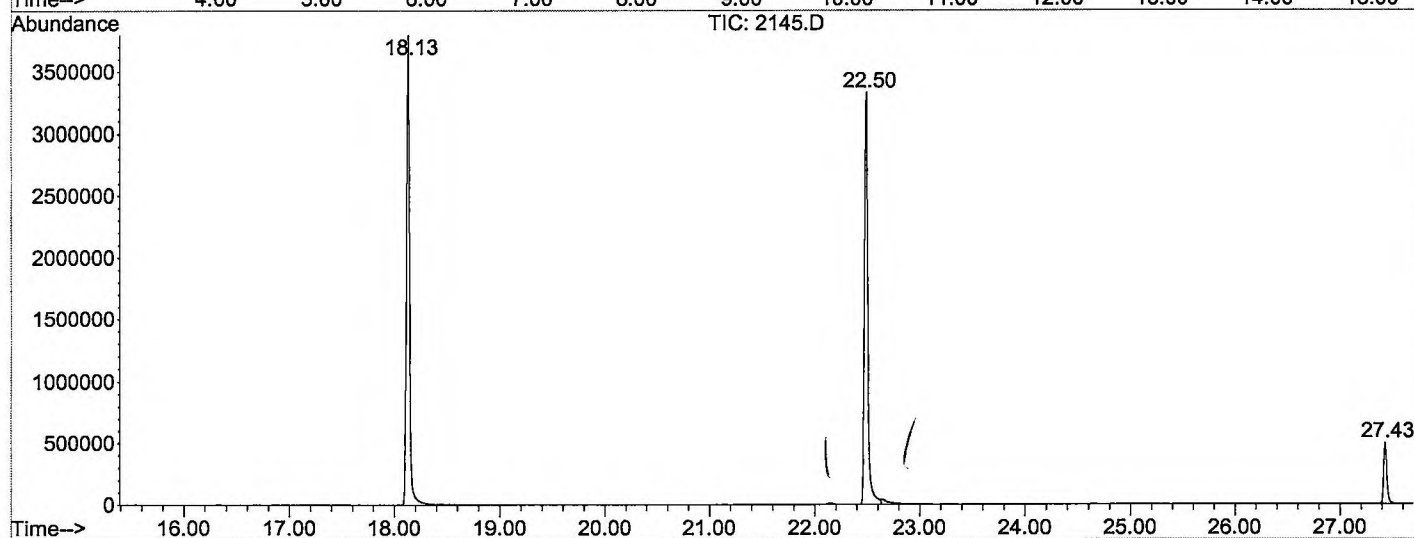
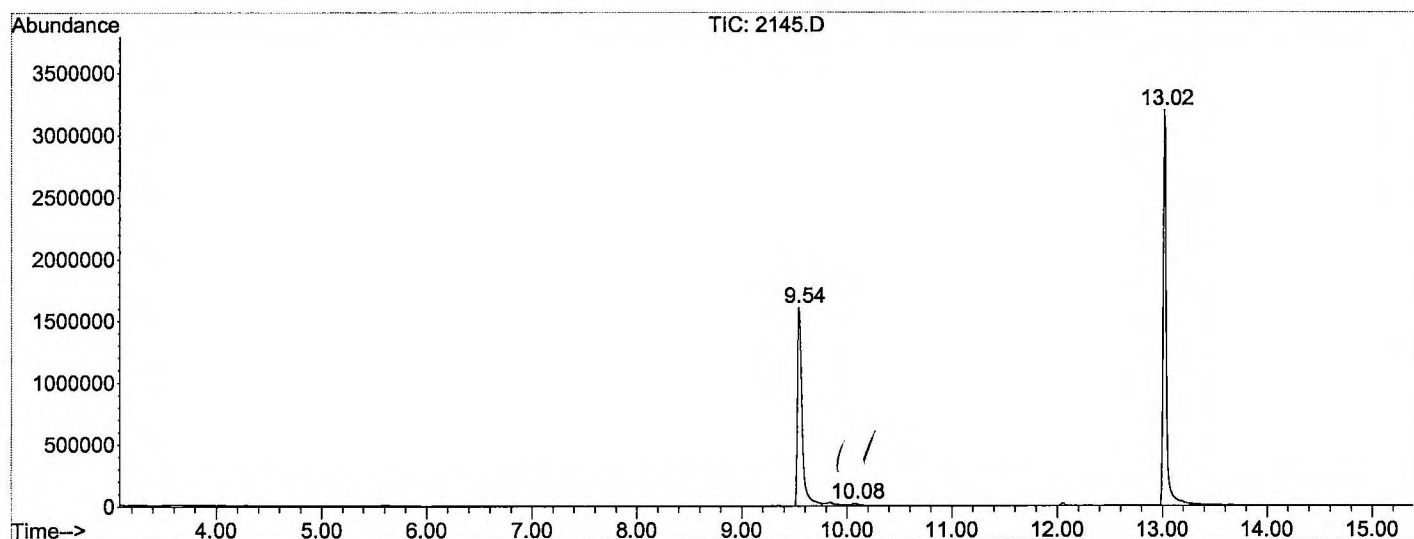
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.543	708	713	737	rBV	1604474	5023828	64.98%	12.508%
2	10.078	766	772	787	rVB2	17829	79518	1.03%	0.198%
3	13.017	1091	1096	1123	rBV	3195391	7168558	92.72%	17.847%
4	18.133	1654	1660	1681	rBV	3794020	7680079	99.33%	19.121%
5	22.495	2135	2141	2156	rBV2	3330220	7731764	100.00%	19.250%
6	27.430	2680	2685	2696	rBV	494529	1010723	13.07%	2.516%
7	30.305	2995	3002	3015	rBV2	3061498	7164591	92.66%	17.837%
8	34.178	3422	3429	3449	rBV	1709297	4306902	55.70%	10.723%

Sum of corrected areas: 40165963

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031802\2145.D
 Operator : McLean
 Acquired : 19 Mar 2002 8:10 pm using AcqMethod 508SCAN
 Instrument : Instrumen
 Sample Name: GC/MS SCAN 3/8
 Misc Info :
 Vial Number: 23
 Quant File :5080302.RES (RTE Integrator)



Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 19 Mar 2002 8:10 pm
 Data File: C:\MSDCHEM\1\DATA\031802\2145.D
 Name: GC/MS SCAN 3/8
 Misc:
 Method: C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
 Title: Quantitation For Method 508gcscan
 Library Searched: C:\DATABASE\WILEY7N.L

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