

Comments for Sample AE03914 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 03-21-2002 Time: 15:57:50

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 2 of the 43 compounds in the LCS Standard were above their acceptance ranges. This sample will be reextracted and reanalyzed due to the low Surrogate Standard recovery. The reanalyzed sample had a Surrogate Standard recovery of 145%.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031702\3914RE.D

Acq On : 18 Mar 2002 3:34 am

Sample : 3/14/02RE EXT

Misc :

MS Integration Params: BENZO.P

Quant Time: Mar 20 11:24:19 2002

Vial: 22

Operator: McLean

Inst : Instrumen

Multiplr: 1.00

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	9.55	150	1186890	20.00	ug/L	0.00
10) Naphthalene-d8	13.02	136	3276094	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	1780312	20.00	ug/L	0.00
29) Phenanthrene-d10	22.49	188	2704939	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	2494832	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1419772	20.00	ug/L	0.00

System Monitoring Compounds

37) 2,4-ddd surr	27.43	235	234728	7.27	ug/L	0.00
Spiked Amount	5.000		Recovery	=	145.40%	

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	0.00	165	0	N.D.	d
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	24.65	149	47417	0.33	ug/L 97
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	0.00	149	0	N.D.	d
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

3914RE.D 5080302.M Wed Mar 20 11:26:42 2002

Quantitation Report

(QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031702\3914RE.D

Vial: 22

Acq On : 18 Mar 2002 3:34 am

Operator: McLean

Sample : 3/14/02RE EXT

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: BENZO.P

Quant Time: Mar 20 11:24:19 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

3914RE.D 5080302.M Wed Mar 20 11:26:42 2002

Page 2

Data File : C:\MSDCHEM\1\DATA\031702\3914RE.D

Vial: 22

Acq On : 18 Mar 2002 3:34 am

Operator: McLean

Sample : 3/14/02RE EXT

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: BENZO.P

Quant Time: Mar 20 11:26 2002

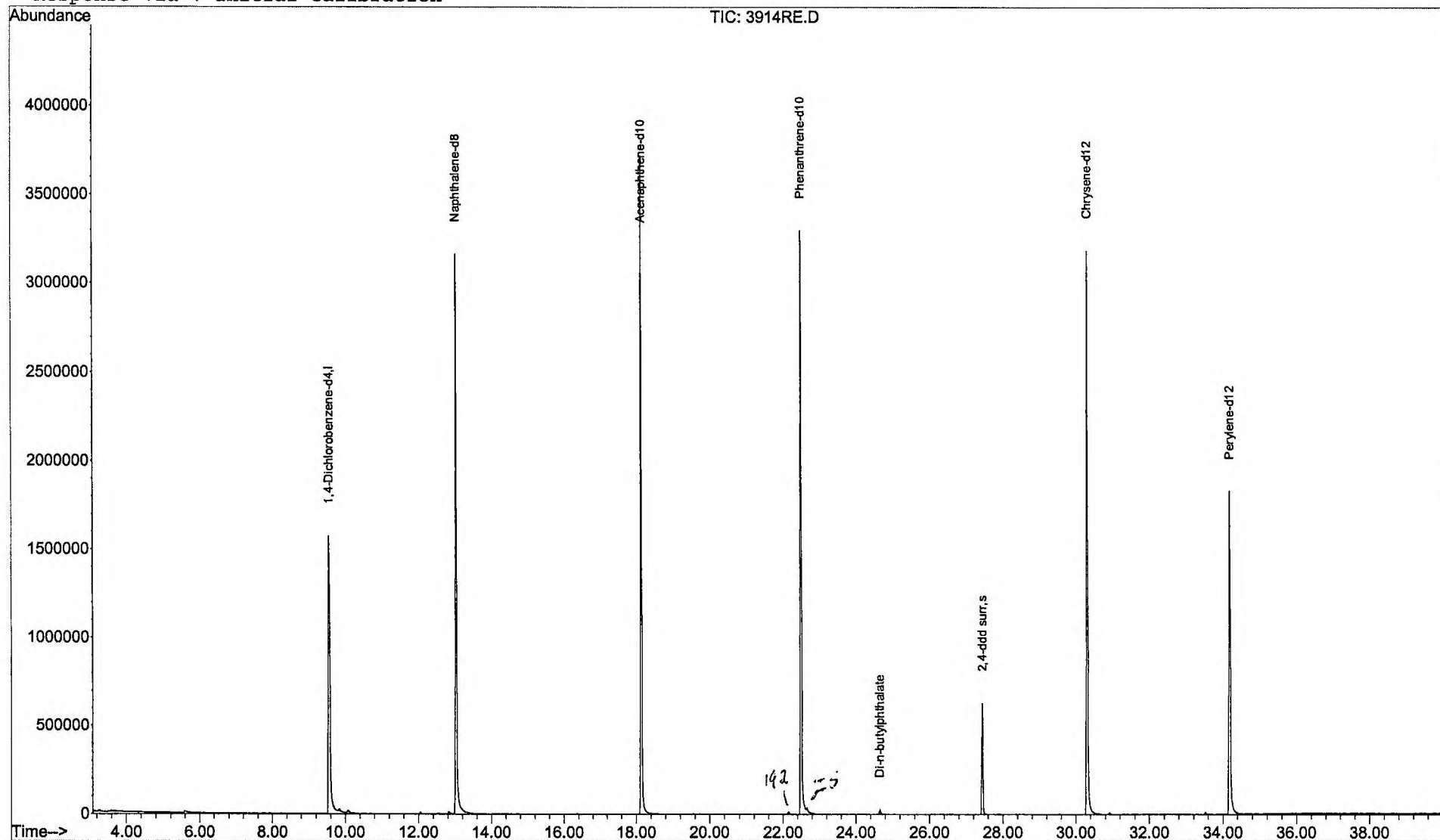
Quant Results File: 5080302.RES

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\031702\3914RE.D

Acq On : 18 Mar 2002 3:34 am

Sample : 3/14/02RE EXT

Misc :

MS Integration Params: LSCINT.P

Vial: 22

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

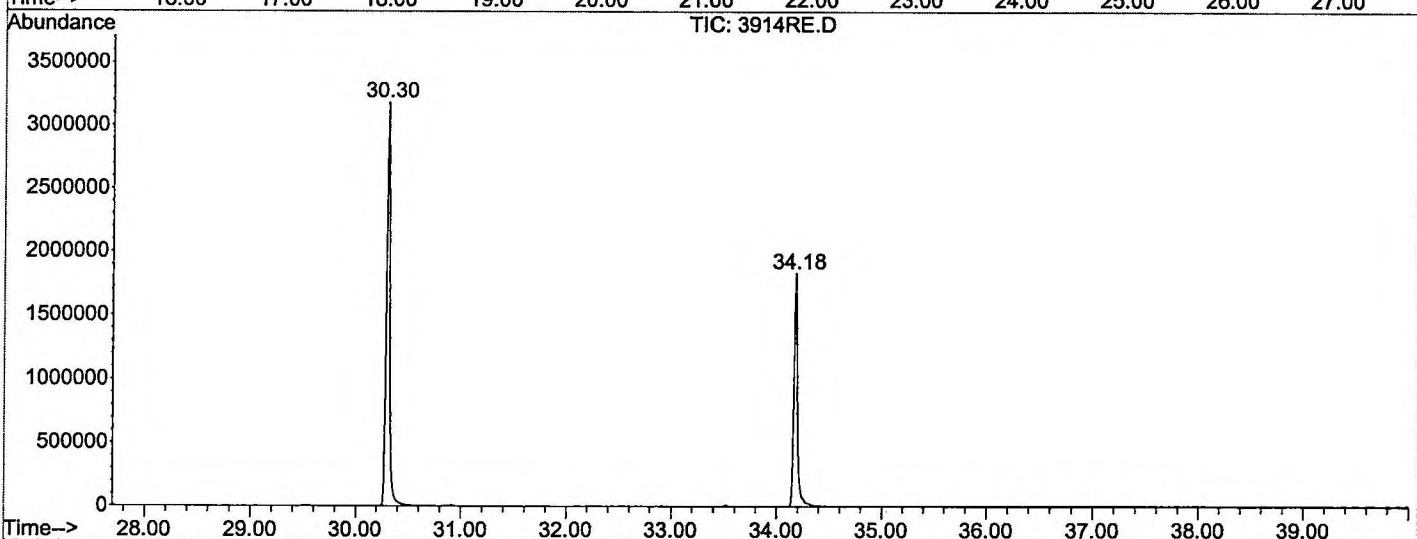
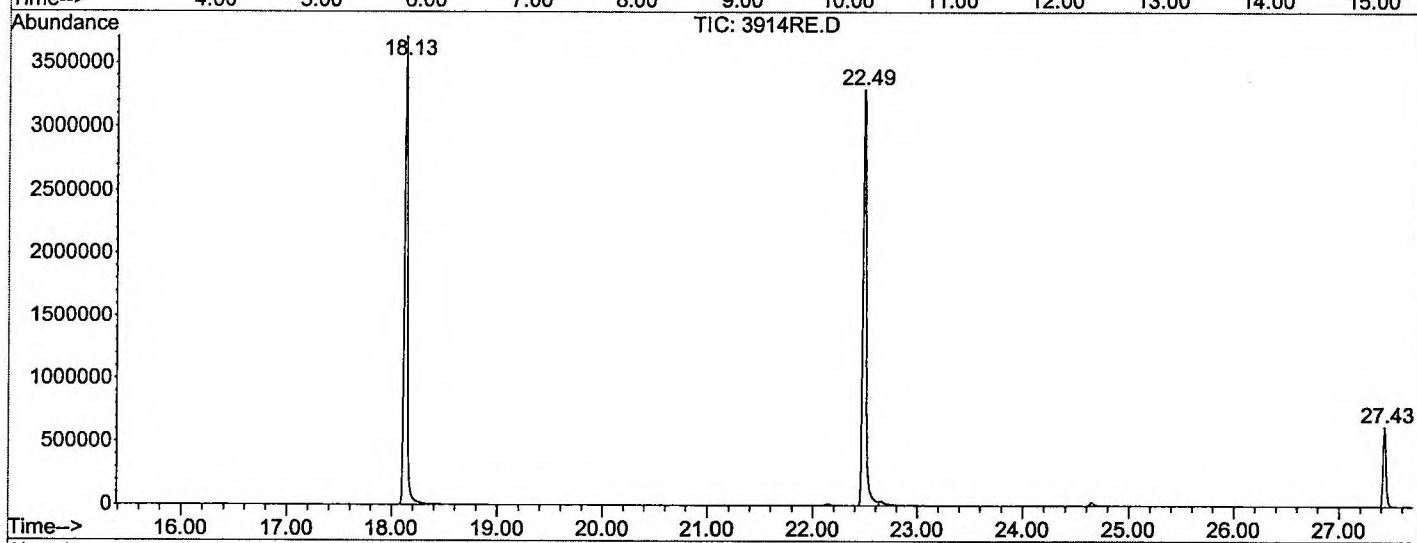
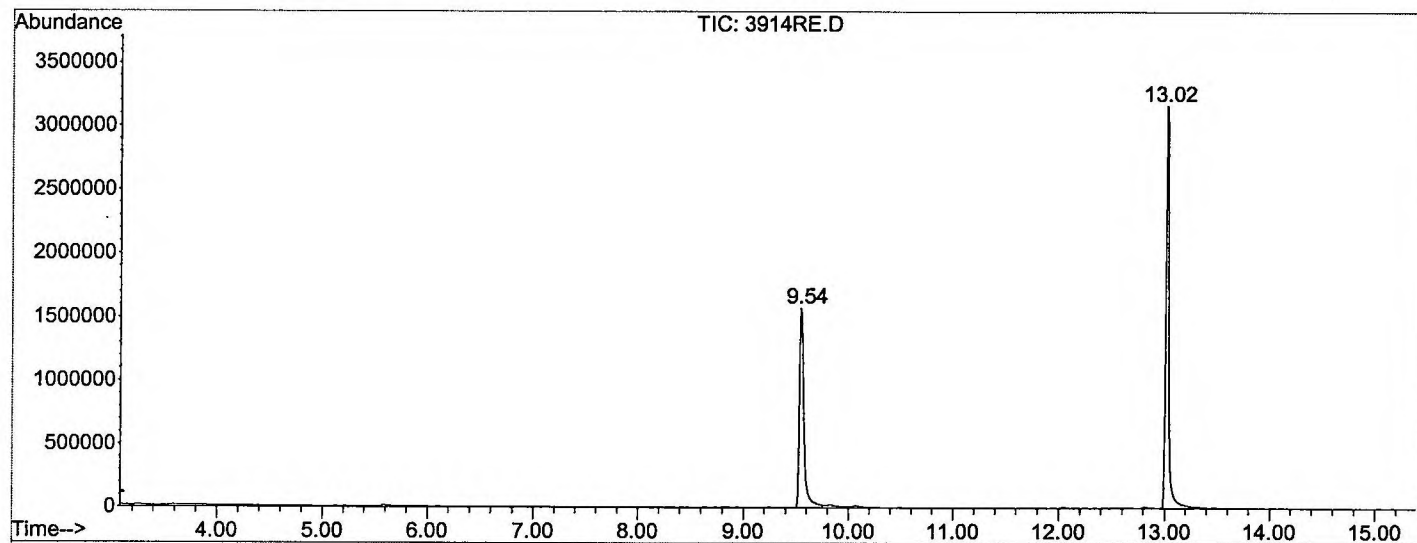
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.543	709	713	736	rBV	1570591	4881478	64.72%	12.256%
2	13.017	1091	1096	1129	rBV	3162168	6985522	92.62%	17.538%
3	18.133	1654	1660	1684	rBV	3711517	7542206	100.00%	18.936%
4	22.486	2135	2140	2156	rBV2	3297256	7449961	98.78%	18.704%
5	27.430	2680	2685	2696	rBV	627942	1227534	16.28%	3.082%
6	30.305	2995	3002	3017	rBV	3181710	7121679	94.42%	17.880%
7	34.178	3422	3429	3449	rBV2	1827689	4622070	61.28%	11.604%

Sum of corrected areas: 39830450

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031702\3914RE.D
 Operator : McLean
 Acquired : 18 Mar 2002 3:34 am using AcqMethod 508SCAN
 Instrument : Instrumen
 Sample Name: 3/14/02RE EXT
 Misc Info :
 Vial Number: 22
 Quant File :5080302.RES (RTE Integrator)



Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 18 Mar 2002 3:34 am
 Data File: C:\MSDCHEM\1\DATA\031702\3914RE.D
 Name: 3/14/02RE EXT
 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
