

Comments for Sample AE04027 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 03-21-2002 Time: 16:02:02

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. This sample is the Field Blank. The reanalyzed sample had a Surrogate Standard recovery of 134%.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031702\4027FBR.D Vial: 23
 Acq On : 18 Mar 2002 4:23 am Operator: McLean
 Sample : 3/14/02RE EXT Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: BENZO.P
 Quant Time: Mar 20 11:28:00 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	1246088	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3426622	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	1894670	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	2869785	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	2544009	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1347757	20.00	ug/L	0.00

System Monitoring Compounds

37) 2,4-ddd surr	27.43	235	229183	6.69	ug/L	0.00
Spiked Amount	5.000		Recovery	=	133.80%	

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	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	0.00	149	0	N.D. d	
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

4027FBR.D 5080302.M Wed Mar 20 11:29:04 2002

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Sample : 3/14/02RE EXT Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 20 11:28:00 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
4027FBR.D 5080302.M Wed Mar 20 11:29:04 2002

Data File : C:\MSDCHEM\1\DATA\031702\4027FBR.D

Vial: 23

Acq On : 18 Mar 2002 4:23 am

Operator: McLean

Sample : 3/14/02RE EXT

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: BENZO.P

Quant Time: Mar 20 11:28 2002

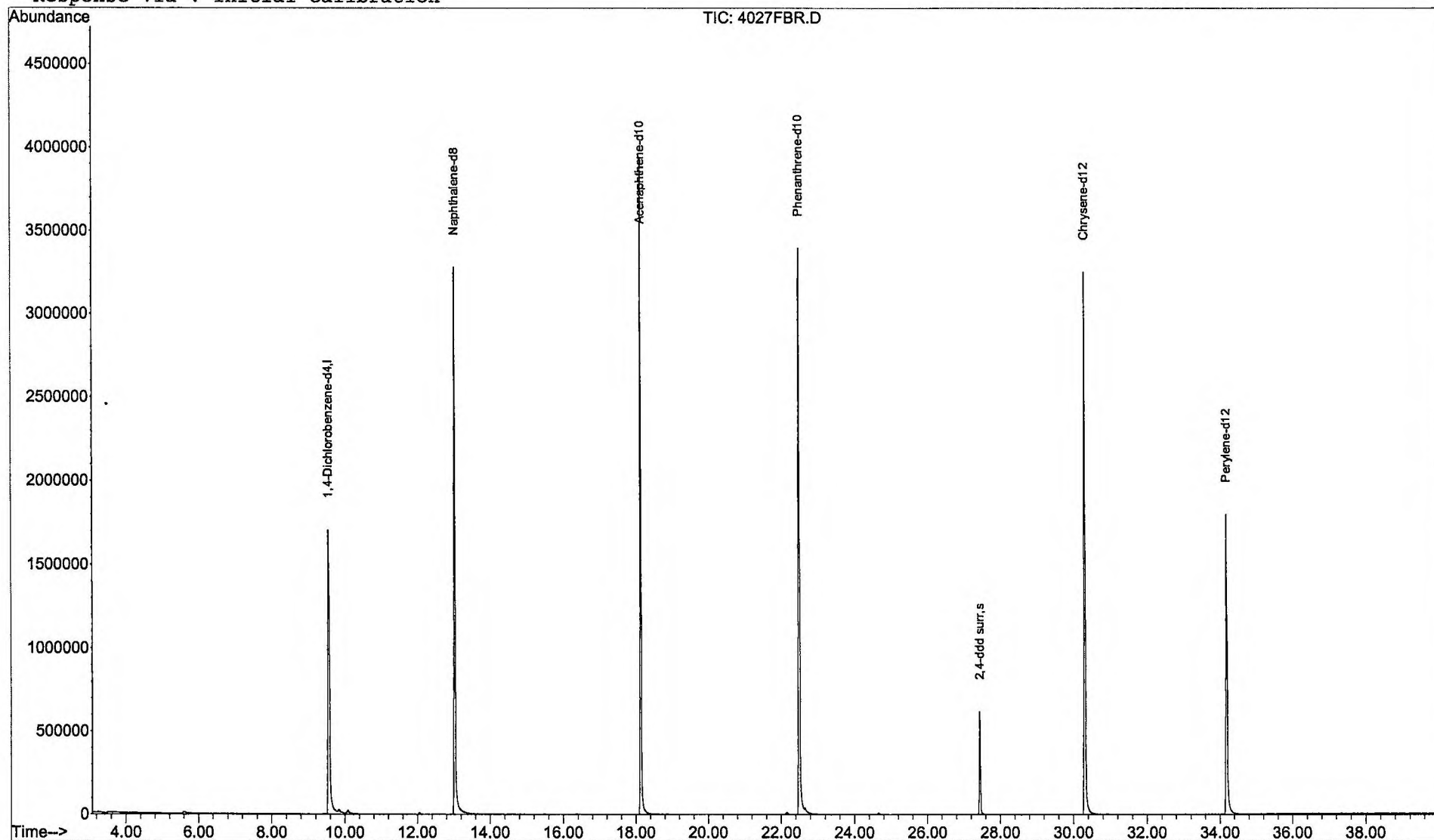
Quant Results File: 5080302.RES

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\4027FBR.D Vial: 23
Acq On : 18 Mar 2002 4:23 am Operator: McLean
Sample : 3/14/02RE EXT Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

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

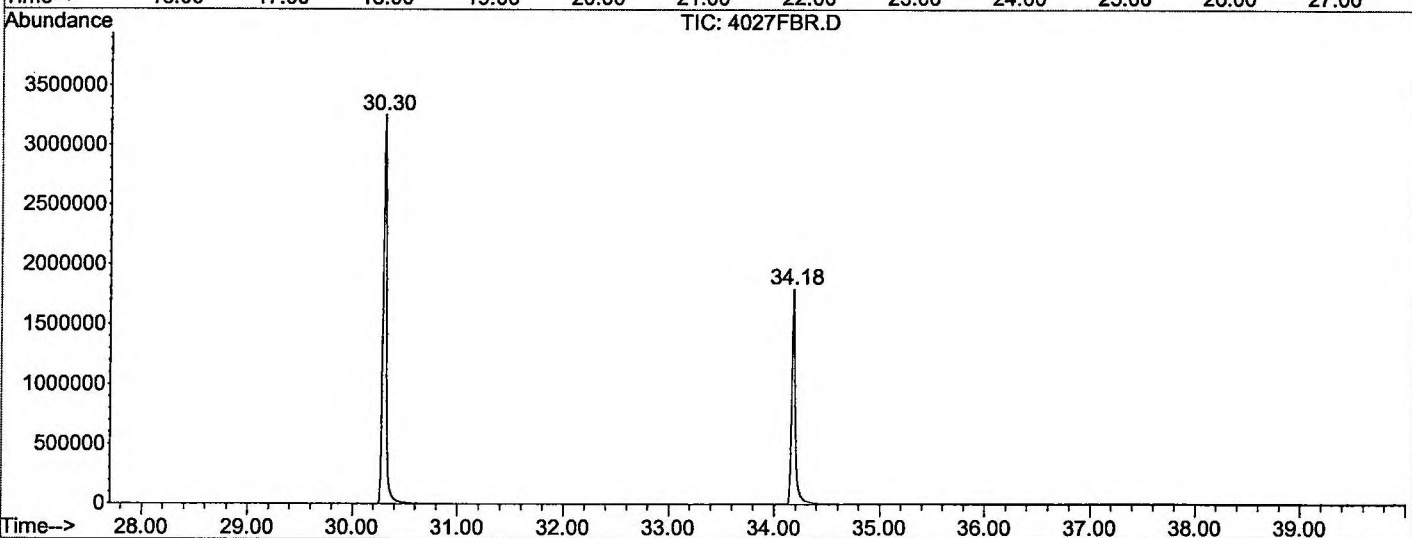
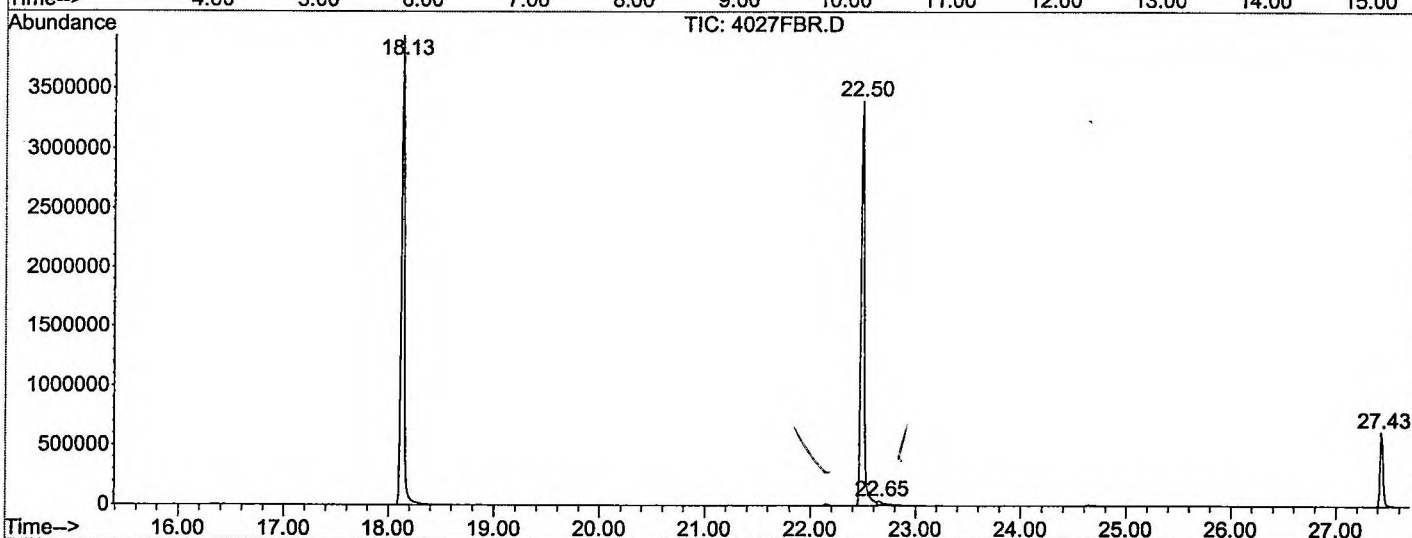
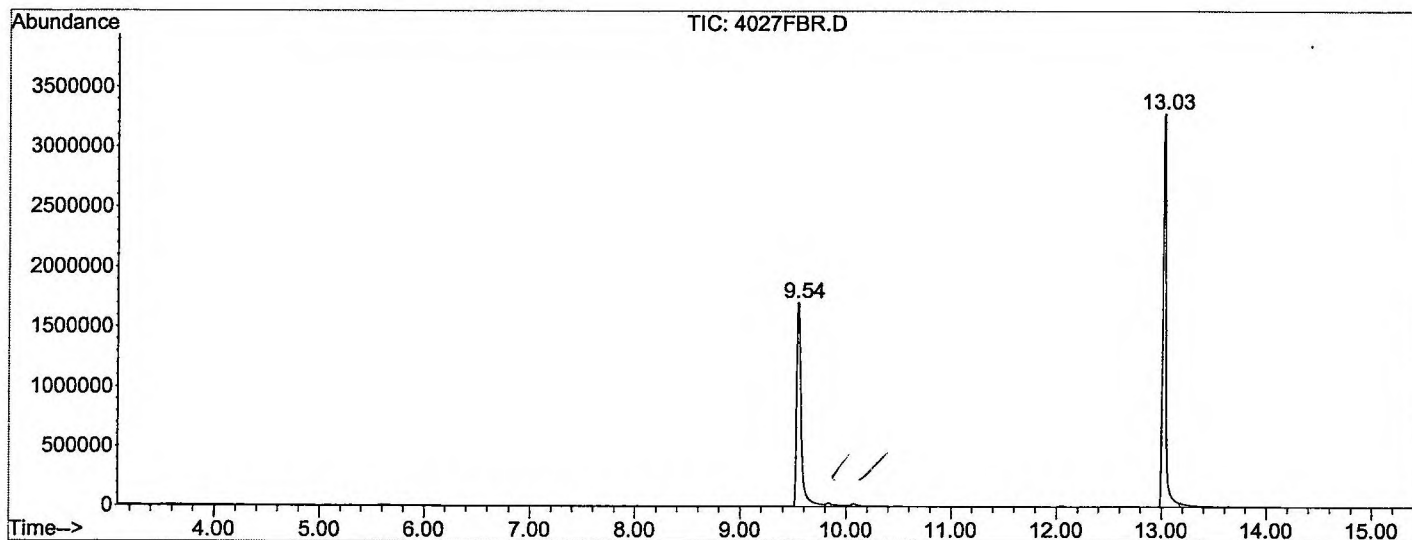
Signal : TIC

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	741	rBV	1703988	5174397	65.80%	12.579%
2	13.026	1091	1097	1113	rBV	3282161	7207151	91.64%	17.521%
3	18.133	1654	1660	1683	rBV	3935786	7864283	100.00%	19.119%
4	22.495	2135	2141	2156	rBV2	3396966	7845515	99.76%	19.073%
5	22.650	2156	2158	2169	rVB3	32126	93014	1.18%	0.226%
6	27.430	2681	2685	2695	rBV	616826	1174018	14.93%	2.854%
7	30.305	2995	3002	3022	rBV2	3252760	7343302	93.38%	17.852%
8	34.178	3422	3429	3452	rBV	1798337	4432601	56.36%	10.776%

Sum of corrected areas: 41134281

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031702\4027FBR.D
 Operator : McLean
 Acquired : 18 Mar 2002 4:23 am using AcqMethod 508SCAN
 Instrument : Instrumen
 Sample Name: 3/14/02RE EXT
 Misc Info :
 Vial Number: 23
 Quant File :5080302.RES (RTE Integrator)



Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 18 Mar 2002 4:23 am
 Data File: C:\MSDCHEM\1\DATA\031702\4027FBR.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