User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 12:27:09

Sample: AE01937
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/15/02 12:26 Ended: 2/15/02 12:26 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		74		5.0

Comments for Sample AE01937 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-15-2002 Time: 12:27:27

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 5 of the 43 compounds in the LCS Standard were below their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB0802\1937.D Vial: 17
Acq On : 9 Feb 2002 12:53 am Operator: 209 GALOS
Sample : GC/MS SCAN 1/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 13 8:34 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.35	152	244785	20.00	ug/l	0.00
10) Naphthalene-d8	15.99	136	936903	20.00	ug/l	0.00
17) Acenaphthene-d10	21.31	164	500085	20.00	ug/l	0.00
29) Phenanthrene-d10	25.76	188	710138	20.00	ug/l	0.00
38) Chrysene-d12	33.82	240	448747	20.00	ug/l	-0.03
44) Perylene-d12	38.11	264	279166	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.83	235	32600	3.69	ug/mL	0.34
Spiked Amount 5.000			Recovery = 73.80%			
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-Dichlorobenzene	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-Chloropropan	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)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	16.05	128	683	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.		
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	22.77	149	215	N.D.		
26) 4-Chlorophenyl-phenylether	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.		

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

Quantitation Report (QT Reviewed)

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Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.81	178	273	N.D.	
34)	Anthracene	25.81	178	273	N.D.	
35)	Di-n-butylphthalate	27.71	149	14156	N.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	33.82	228	1279	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.03	149	253	N.D.	
43)	Chrysene	33.90	228	347	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	38.11	252	1289	N.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

Quantitation Report

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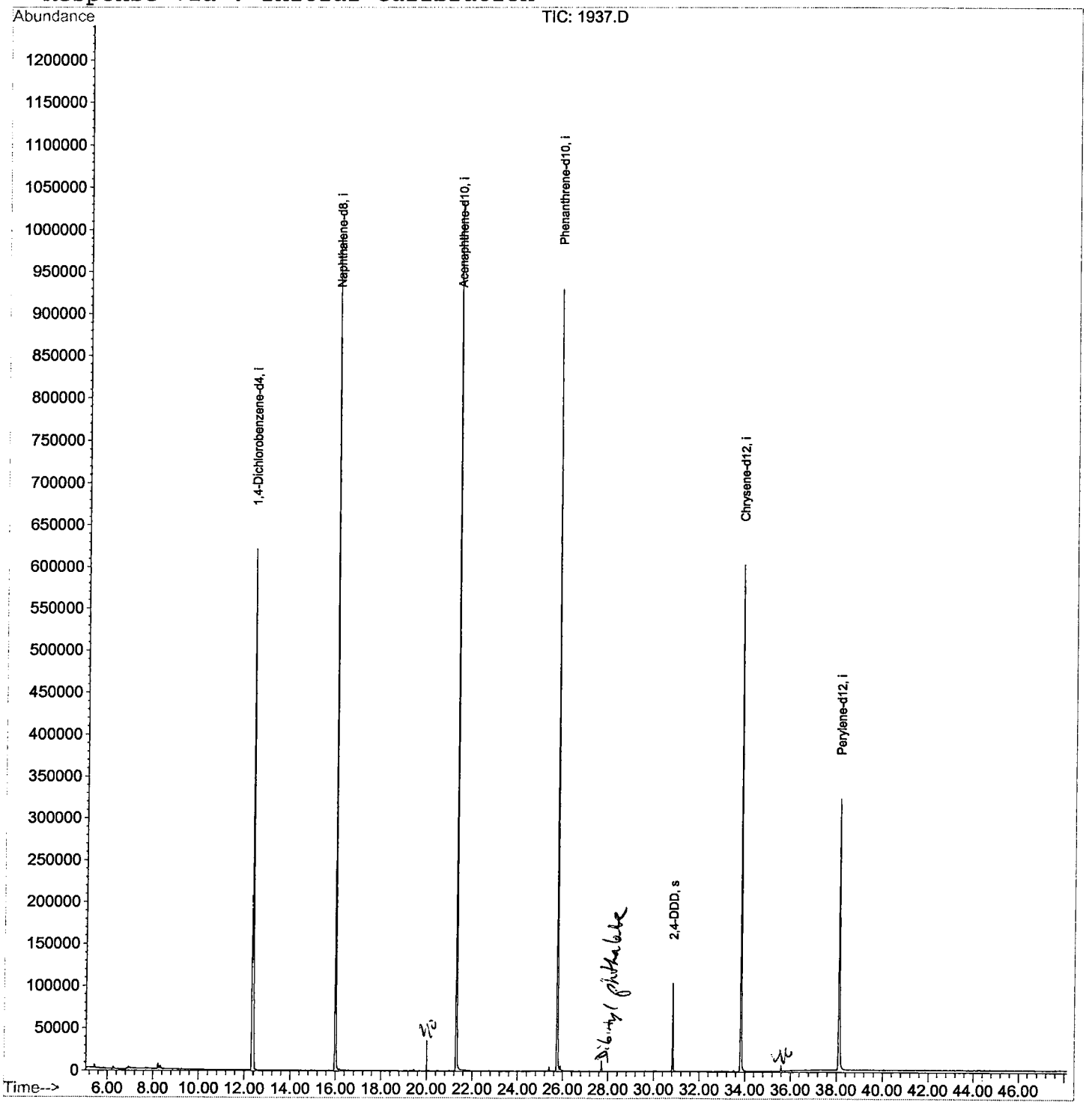
Acq On : 9 Feb 2002 12:53 am Operator: 209 GALOS
Sample : GC/MS SCAN 1/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 13 8:34 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB0802\1937.D Vial: 17
Acq On : 9 Feb 2002 12:53 am Operator: 209 GALOS
Sample : GC/MS SCAN 1/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
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

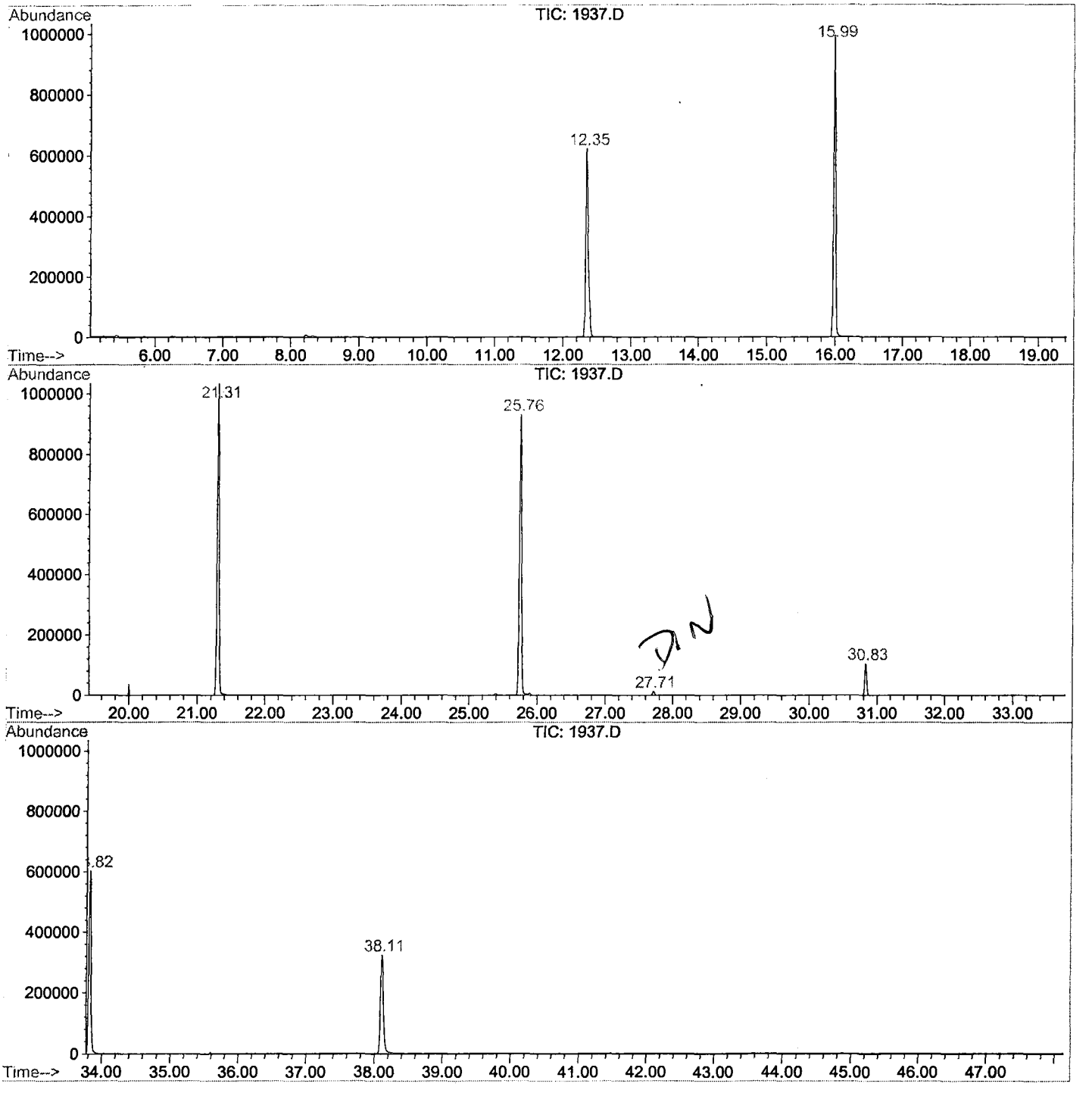
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.345	790	795	806	rBV	619892	1565938	76.13%	15.558%
2	15.990	1186	1192	1210	rBV	991330	1939157	94.28%	19.266%
3	21.305	1765	1771	1780	rBV	1033890	2056869	100.00%	20.435%
4	25.758	2249	2256	2267	rBV	929508	1971537	95.85%	19.588%
5	27.713	2464	2469	2475	rVB	12653	23746	1.15%	0.236%
6	30.835	2804	2809	2814	rBV	103819	191986	9.33%	1.907%
7	33.818	3128	3134	3152	rBV2	602234	1363029	66.27%	13.542%
8	38.105	3593	3601	3616	rBV2	322460	952968	46.33%	9.468%

Sum of corrected areas: 10065230

1937.D GCMS0208.M Thu Feb 14 15:00:24 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB0802\1937.D
Operator : 209 GALOS
Acquired : 9 Feb 2002 12:53 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 1/28
Misc Info :
Vial Number: 17
Quant File :GCMS0208.RES (RTE Integrator)



1937.D GCMS0208.M Thu Feb 14 15:00:30 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB0802\1937.D
Acq On : 9 Feb 2002 12:53 am
Sample : GC/MS SCAN 1/28
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

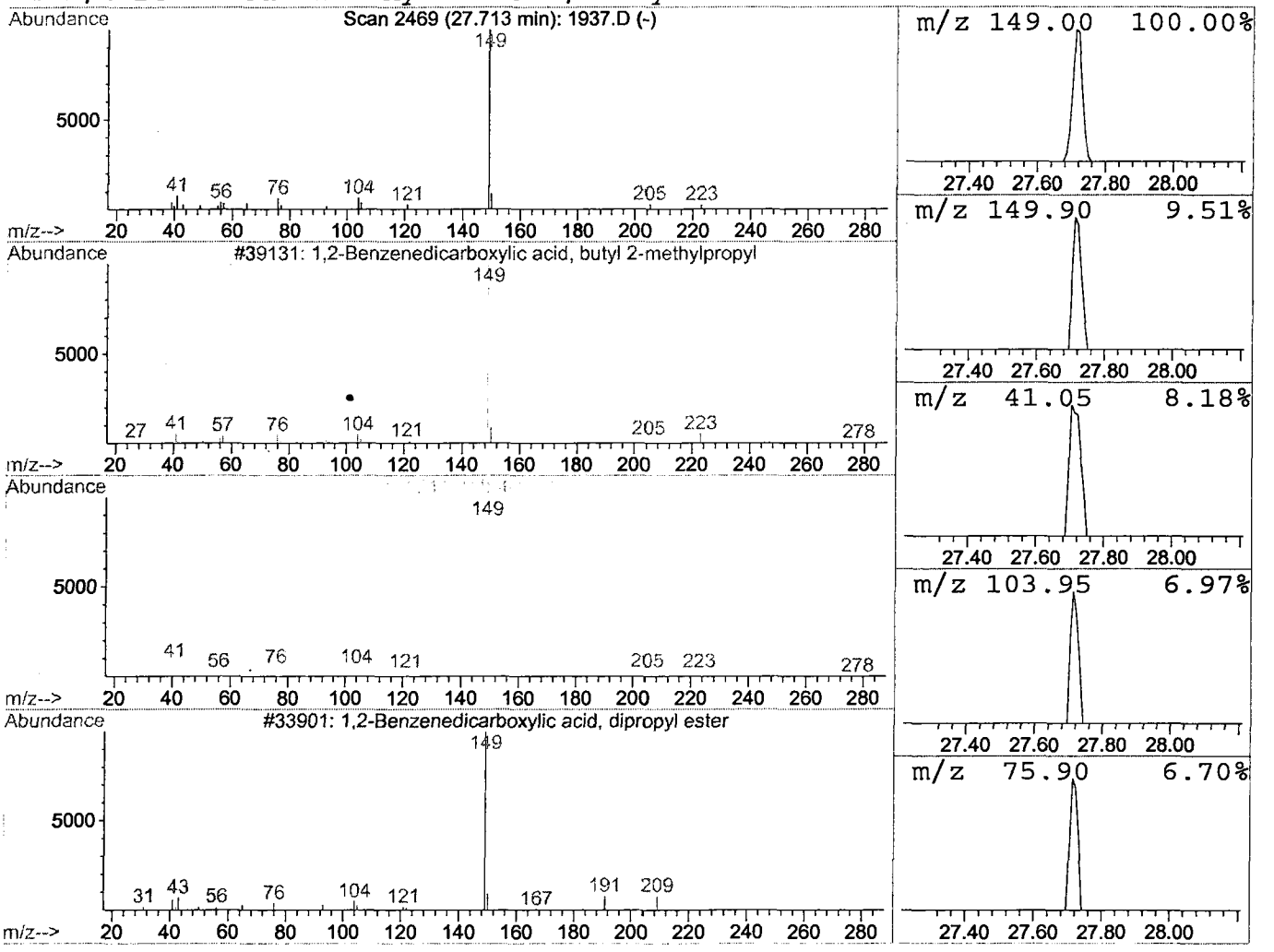
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,2-Benzenedicarboxylic acid, Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.71	0.24 ug/l	23746	Phenanthrene-d10	25.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, butyl	278	C16H22O4	017851-53-5	83
2	Dibutyl phthalate	278	C16H22O4	000084-74-2	83
3	1,2-Benzenedicarboxylic acid, dipro	250	C14H18O4	000131-16-8	78
4	1,2-Benzenedicarboxylic acid, butyl	334	C20H30O4	000085-69-8	64



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 9 Feb 2002 12:53 am
Data File: C:\HPCHEM\1\DATA\FEB0802\1937.D
Name: GC/MS SCAN 1/28
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
1,2-Benzenedicarboxy	27.71	0.2	ug/l	23746	ISTD04	25.76	1971540	20.0

1937.D GCMS0208.M Thu Feb 14 15:00:39 2002