User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 14:39:52

Sample: AD31663
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/15/02 14:39 Ended: 2/15/02 14:39 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		98		5.0

Comments for Sample AD31663 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-15-2002 Time: 14:40:03

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recovery for 1 of the 43 compounds in the LCS Standard was below its acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB1302\31663.D Vial: 7
Acq On : 13 Feb 2002 9:03 pm Operator: 209 GALOS
Sample : GC/MS SCAN 2/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 15 10:00 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.34	152	277891	20.00	ug/l	0.00
10) Naphthalene-d8	15.99	136	1063094	20.00	ug/l	0.00
17) Acenaphthene-d10	21.30	164	561010	20.00	ug/l	0.00
29) Phenanthrene-d10	25.76	188	823954	20.00	ug/l	0.00
38) Chrysene-d12	33.83	240	564949	20.00	ug/l	-0.02
44) Perylene-d12	38.10	264	353450	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.83	235	40676	4.92	ug/mL	0.34
Spiked Amount 5.000			Recovery = 98.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.53	74	107	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	16.04	128	416	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	0.00	149	0	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)

Data File : C:\HPCHEM\1\DATA\FEB1302\31663.D Vial: 7
Acq On : 13 Feb 2002 9:03 pm Operator: 209 GALOS
Sample : GC/MS SCAN 2/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 15 10:00 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

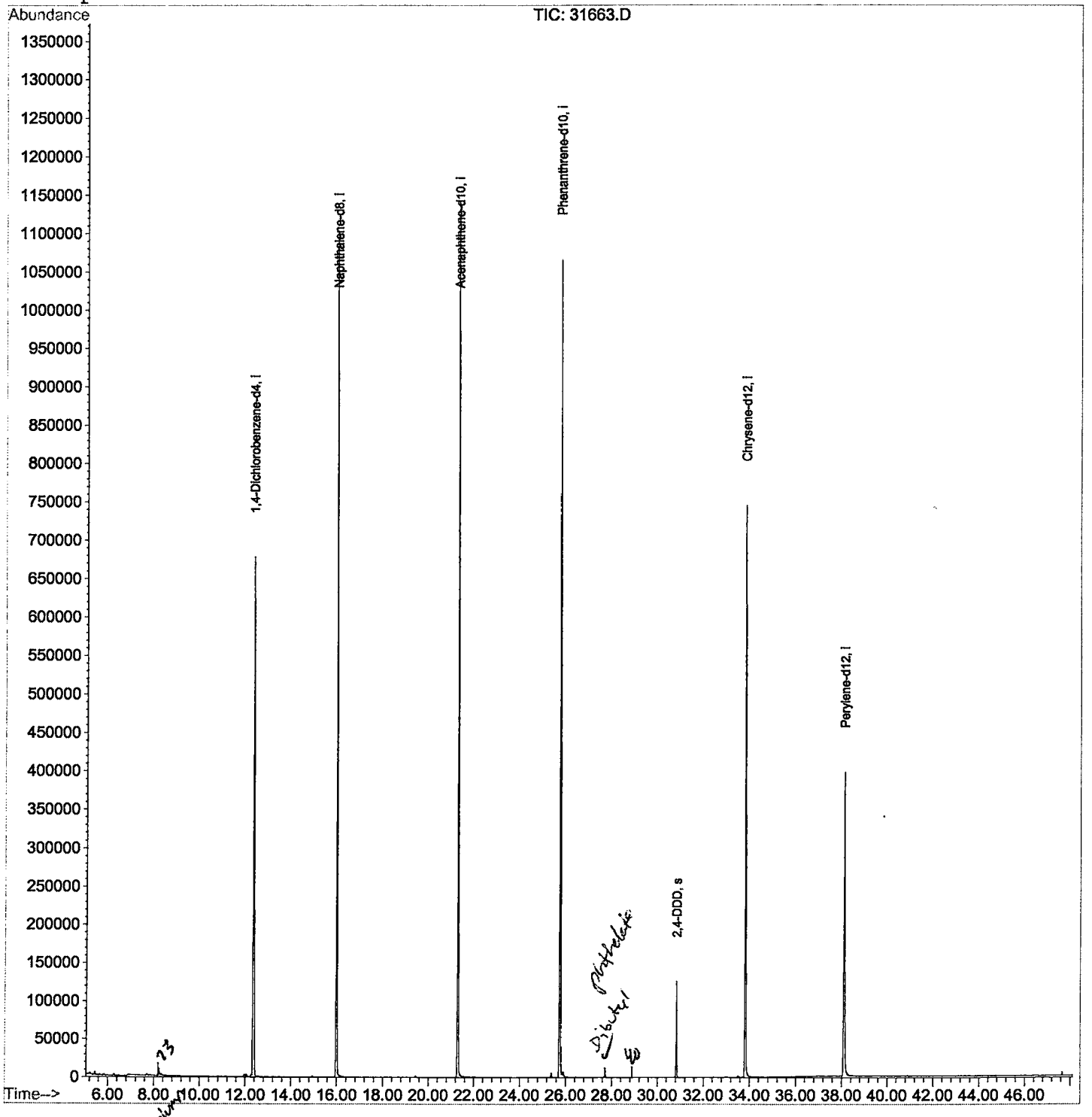
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	0.00	178	0	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.72	149	14303	N.D.	
36)	Fluoranthene	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	33.83	228	1531	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.02	149	733	N.D.	
43)	Chrysene	33.83	228	1449	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.96	252	182	N.D.	
47)	Benzo(k)fluoranthene	36.96	252	182	N.D.	
48)	Benzo(a)pyrene	38.11	252	1527	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

Data File : C:\HPCHEM\1\DATA\FEB1302\31663.D Vial: 7
Acq On : 13 Feb 2002 9:03 pm Operator: 209 GALOS
Sample : GC/MS SCAN 2/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 15 10:00 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB1302\31663.D Vial: 7
Acq On : 13 Feb 2002 9:03 pm Operator: 209 GALOS
Sample : GC/MS SCAN 2/11 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

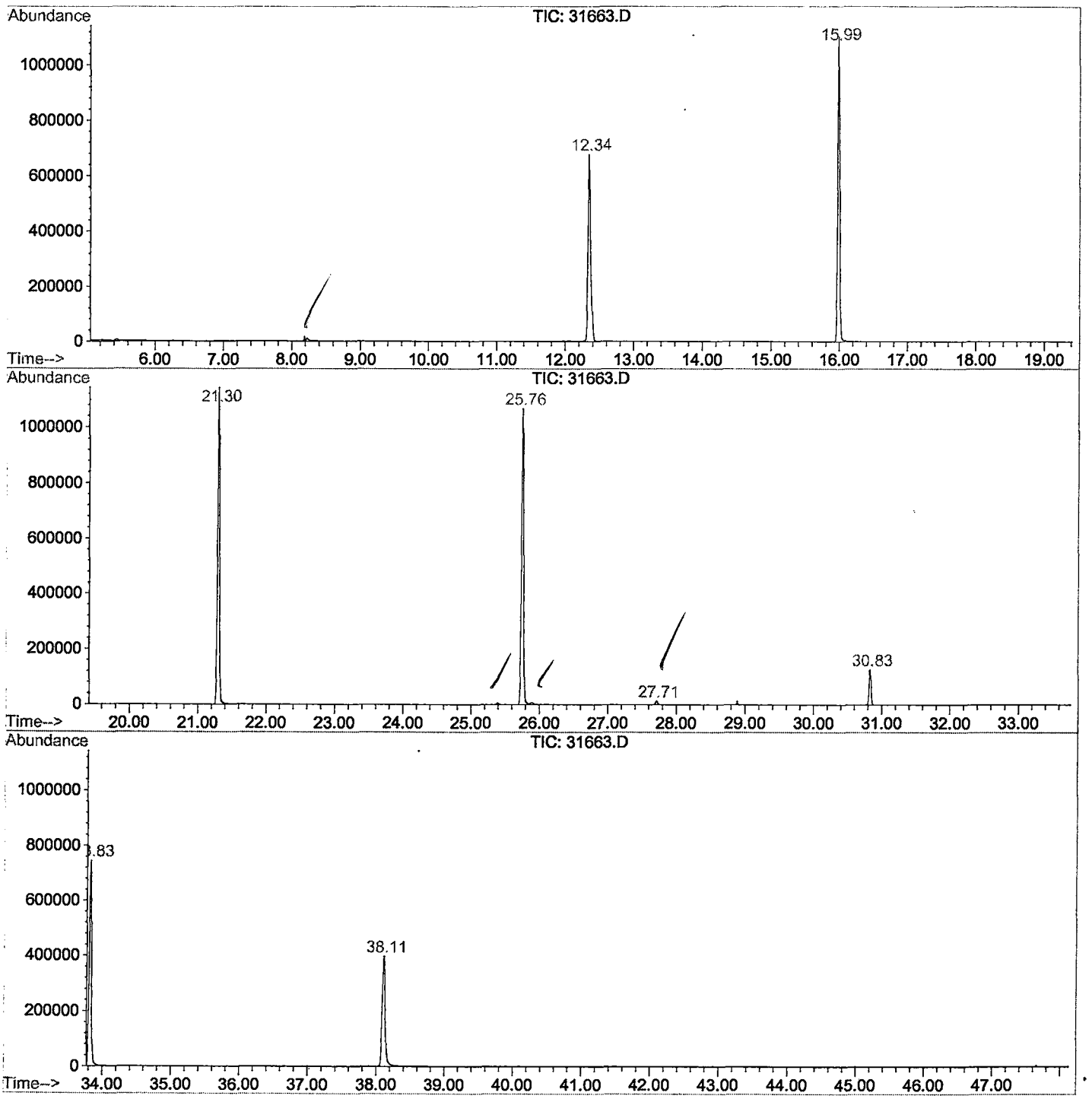
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.344	789	795	809	rVB	677249	1794473	77.68%	15.189%
2	15.989	1186	1192	1206	rBV	1102054	2216114	95.93%	18.758%
3	21.304	1764	1771	1782	rBV	1143124	2310053	100.00%	19.554%
4	25.757	2249	2256	2267	rBV	1066515	2284338	98.89%	19.336%
5	27.712	2465	2469	2475	rVB	12687	23503	1.02%	0.199%
6	30.834	2804	2809	2814	rBV	126128	247819	10.73%	2.098%
7	33.826	3128	3135	3153	rBV	745250	1723313	74.60%	14.587%
8	38.114	3591	3602	3619	rBV2	397347	1214315	52.57%	10.279%

Sum of corrected areas: 11813928

31663.D GCMS0208.M Fri Feb 15 10:12:39 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1302\31663.D
Operator : 209 GALOS
Acquired : 13 Feb 2002 9:03 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 2/11
Misc Info :
Vial Number: 7
Quant File :GCMS0208.RES (RTE Integrator)



31663.D GCMS0208.M Fri Feb 15 10:12:45 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1302\31663.D
Acq On : 13 Feb 2002 9:03 pm
Sample : GC/MS SCAN 2/11
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

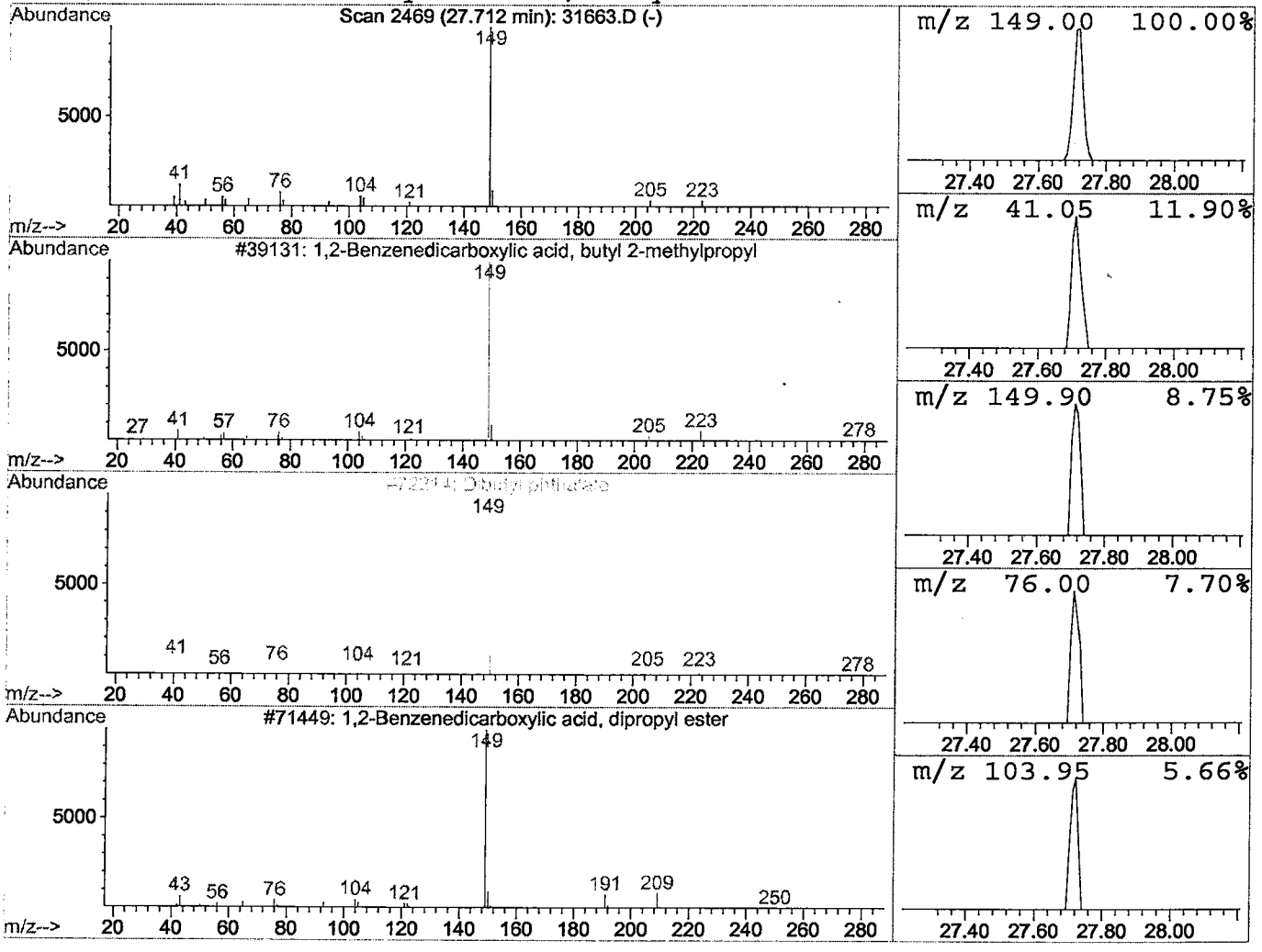
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.71	0.21 ug/l	23503	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	304	C18H24O4	000084-64-0	78



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 13 Feb 2002 9:03 pm
Data File: C:\HPCHEM\1\DATA\FEB1302\31663.D
Name: GC/MS SCAN 2/11
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	23503	ISTD04	25.76	2284340	20.0

31663.D GCMS0208.M Fri Feb 15 10:12:53 2002