User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 15:18:29

Sample: AD31501
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/15/02 15:11 Ended: 2/15/02 15:11 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		92		5.0

Comments for Sample AD31501 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-15-2002 Time: 15:18:33

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 15 of the 43 compounds in the LCS Standard were below their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1802\31501.D Vial: 11
Acq On : 19 Jan 2002 1:22 am Operator: 209 GALOS
Sample : gc/ms scan 12/31 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 6 15:20 2002 Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.50	152	782648	20.00	ug/l	-0.03
10) Naphthalene-d8	15.09	136	3000358	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.35	164	1521098	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.77	188	2105280	20.00	ug/l	-0.03
38) Chrysene-d12	32.80	240	1335028	20.00	ug/l	-0.03
44) Perylene-d12	36.86	264	862478	20.00	ug/l	-0.03
System Monitoring Compounds						
37) 2,4-DDD	29.85	235	110913	4.59	ug/mL	-0.22
Spiked Amount 5.000			Recovery = 91.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.16	74	178	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	12.06	146	101	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	15.15	128	1904	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	20.45	153	172	N.D.		
24) 2,4-Dinitrotoluene	20.74	165	282	N.D.		
25) Diethylphthalate	21.89	149	920	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\JAN1802\31501.D Vial: 11
Acq On : 19 Jan 2002 1:22 am Operator: 209 GALOS
Sample : gc/ms scan 12/31 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 6 15:20 2002 Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS0103

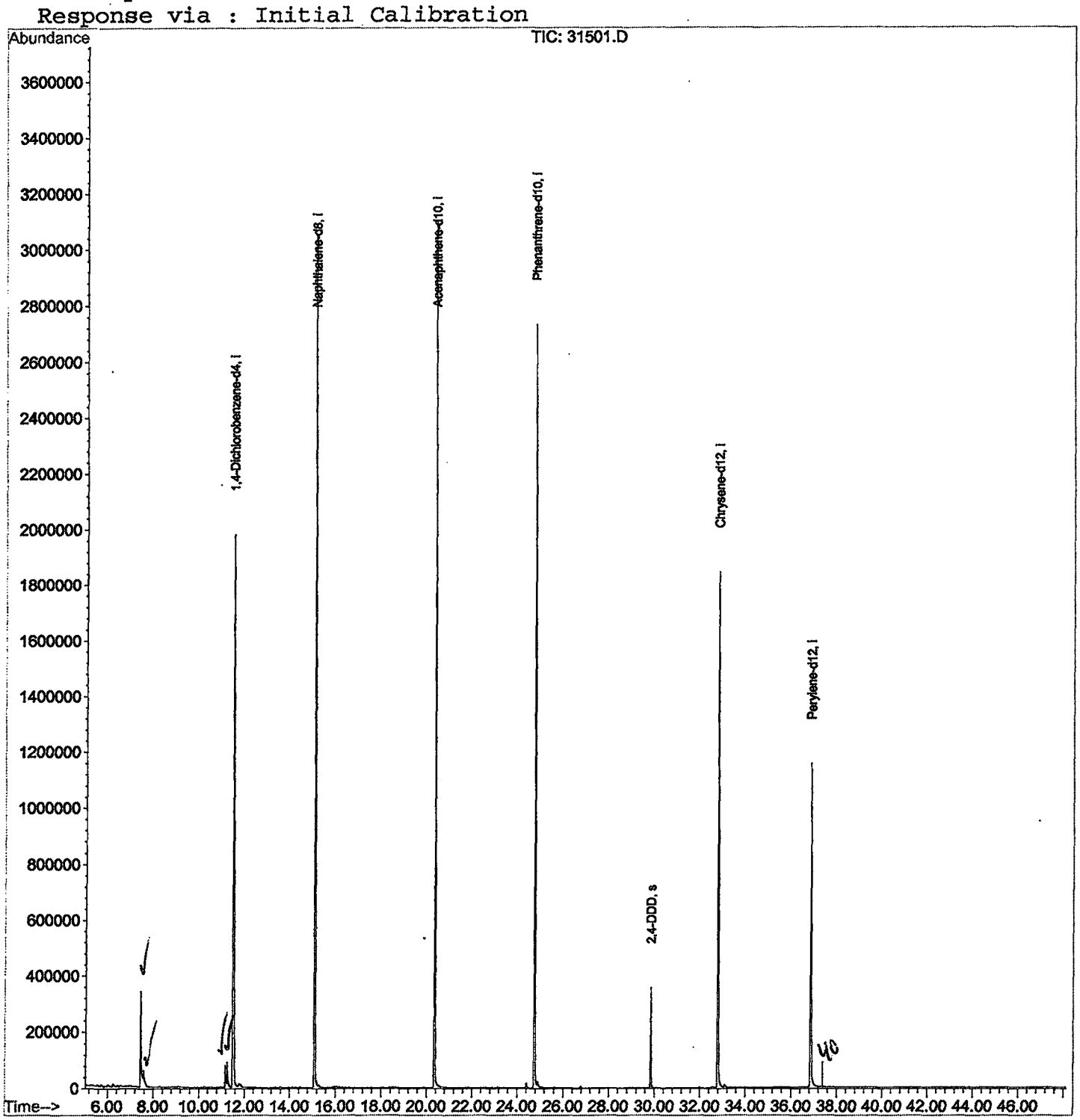
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.84	178	308	N.D.	
34)	Anthracene	24.84	178	308	N.D.	
35)	Di-n-butylphthalate	26.80	149	7080	N.D.	
36)	Fluoranthene	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	32.80	228	3361	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.10	149	7836	N.D.	
43)	Chrysene	32.80	228	3361	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	35.91	252	730	N.D.	
47)	Benzo(k)fluoranthene	35.91	252	730	N.D.	
48)	Benzo(a)pyrene	36.87	252	3867	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\JAN1802\31501.D Vial: 11
Acq On : 19 Jan 2002 1:22 am Operator: 209 GALOS
Sample : gc/ms scan 12/31 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 6 15:20 2002 Quant Results File: GCMS0103.RES

Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN1802\31501.D Vial: 11
Acq On : 19 Jan 2002 1:22 am Operator: 209 GALOS
Sample : gc/ms scan 12/31 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0103.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

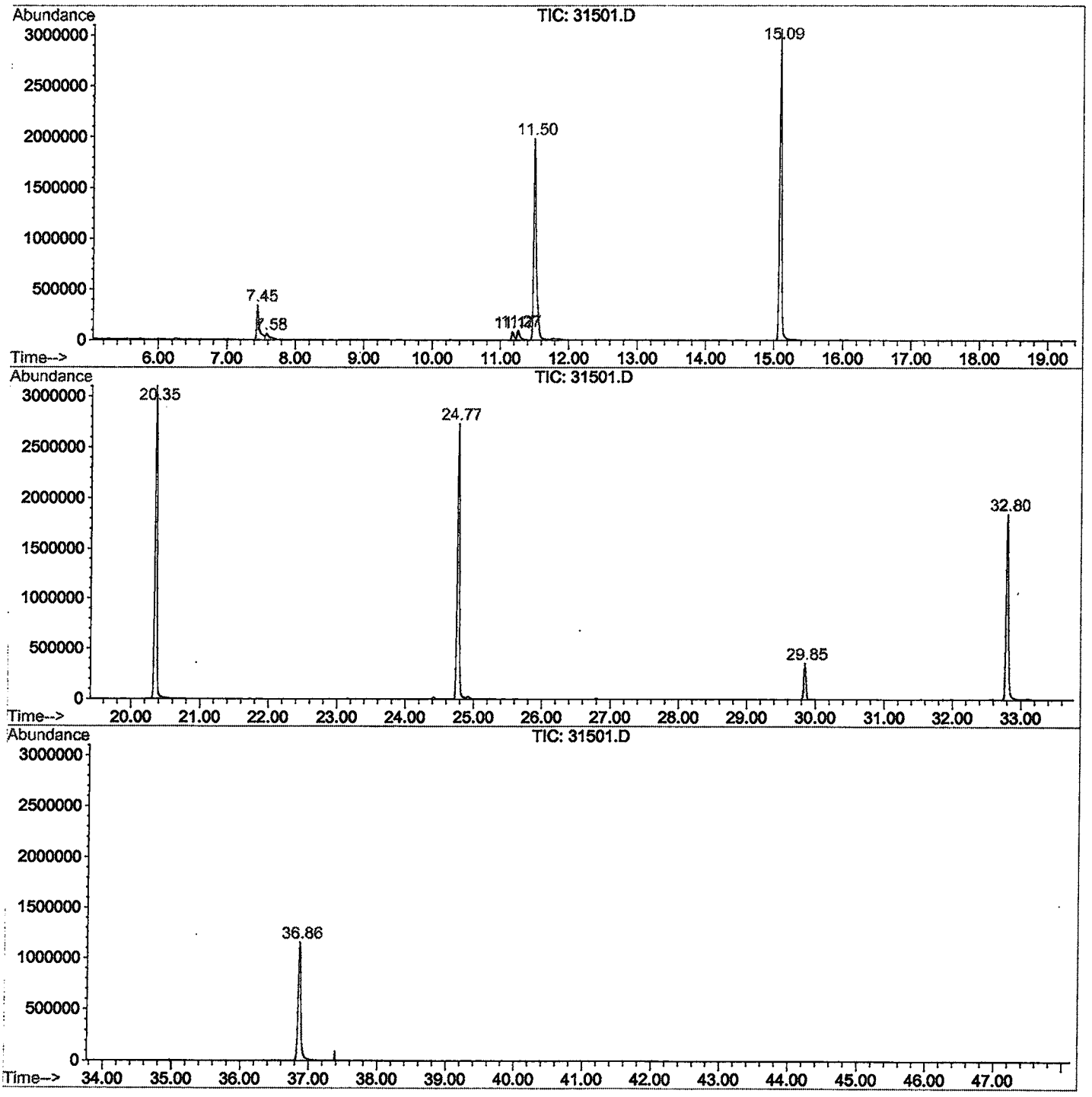
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.447	258	262	274	rBV	337757	868777	13.56%	2.585%
2	7.584	274	277	301	rVB	58106	225634	3.52%	0.671%
3	11.174	665	668	674	rBV	80147	197465	3.08%	0.588%
4	11.266	674	678	695	rVB	90647	261351	4.08%	0.778%
5	11.495	698	703	719	rBV	1977528	5231349	81.65%	15.566%
6	15.094	1089	1095	1113	rBV	3053472	6180834	96.46%	18.391%
7	20.354	1662	1668	1690	rBV	3101492	6407376	100.00%	19.065%
8	24.770	2143	2149	2162	rBV2	2731707	5959301	93.01%	17.732%
9	29.847	2697	2702	2708	rBV	354873	703291	10.98%	2.093%
10	32.803	3017	3024	3043	rBV2	1844193	4336892	67.69%	12.904%
11	36.860	3459	3466	3491	rBV	1152554	3235894	50.50%	9.628%

Sum of corrected areas: 33608164

31501.D GCMS0103.M Wed Feb 06 15:35:18 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1802\31501.D
Operator : 209 GALOS
Acquired : 19 Jan 2002 1:22 am using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/31
Misc Info :
Vial Number: 11
Quant File :GCMS0103.RES (RTE Integrator)



31501.D GCMS0103.M Wed Feb 06 15:35:24 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1802\31501.D
Acq On : 19 Jan 2002 1:22 am
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

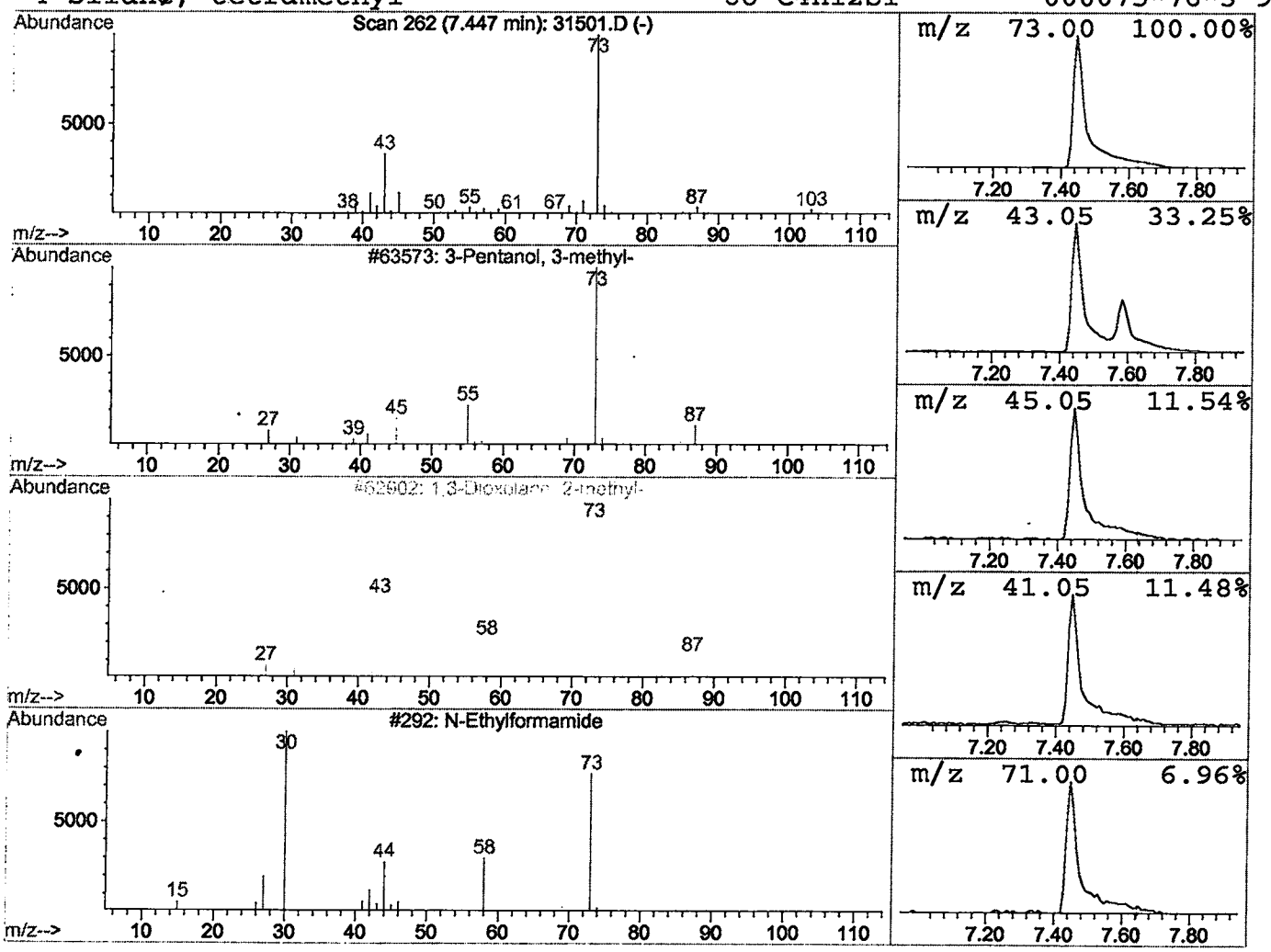
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	3.32 ug/l	868777	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1802\31501.D
Acq On : 19 Jan 2002 1:22 am
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

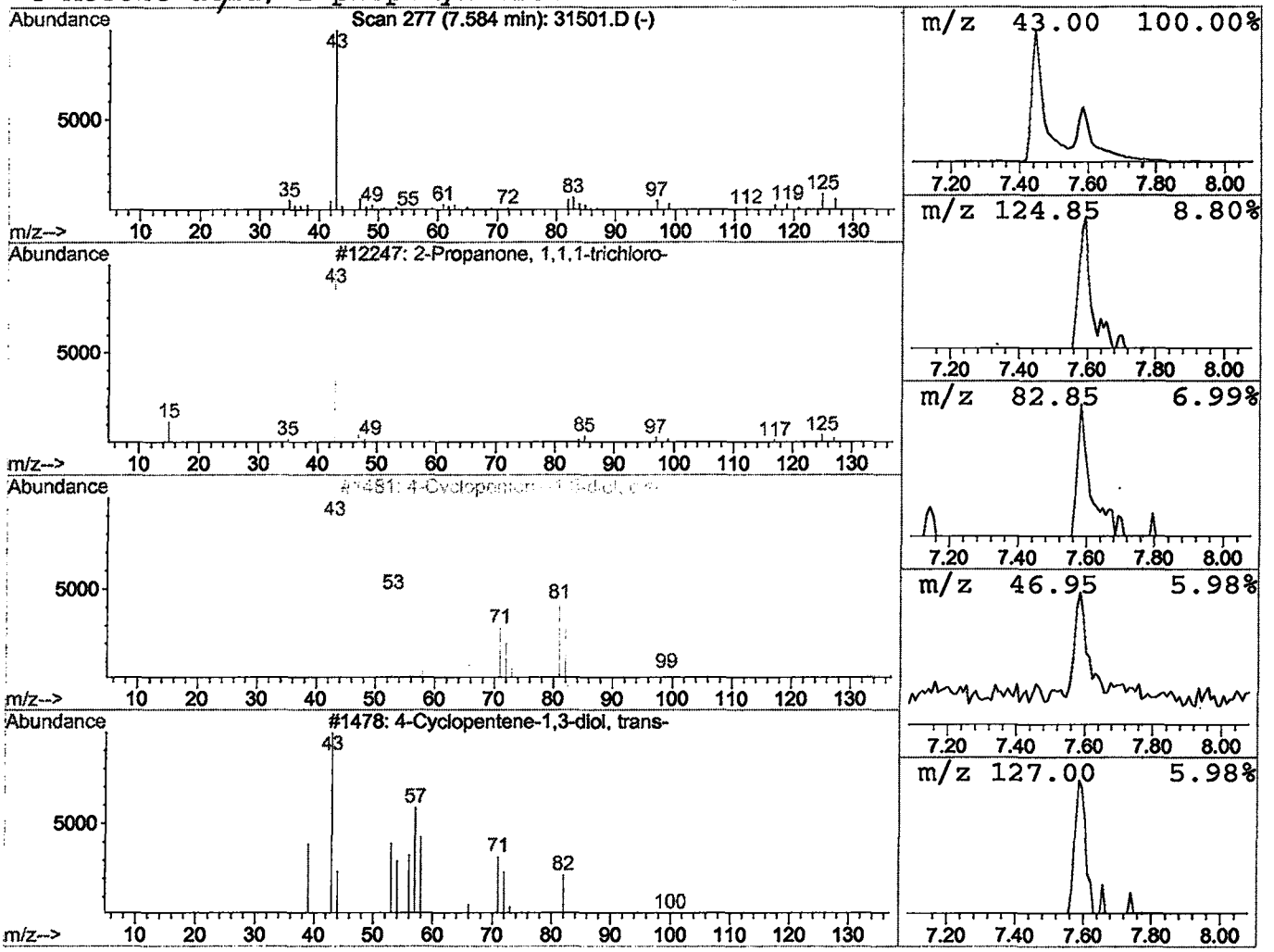
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	0.86 ug/l	225634	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	32
2	4-Cyclopentene-1,3-diol, cis-	100	C5H8O2	029783-26-4	25
3	4-Cyclopentene-1,3-diol, trans-	100	C5H8O2	000694-47-3	9
4	Acetic acid, 2-propenyl ester	100	C5H8O2	000591-87-7	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1802\31501.D
Acq On : 19 Jan 2002 1:22 am
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

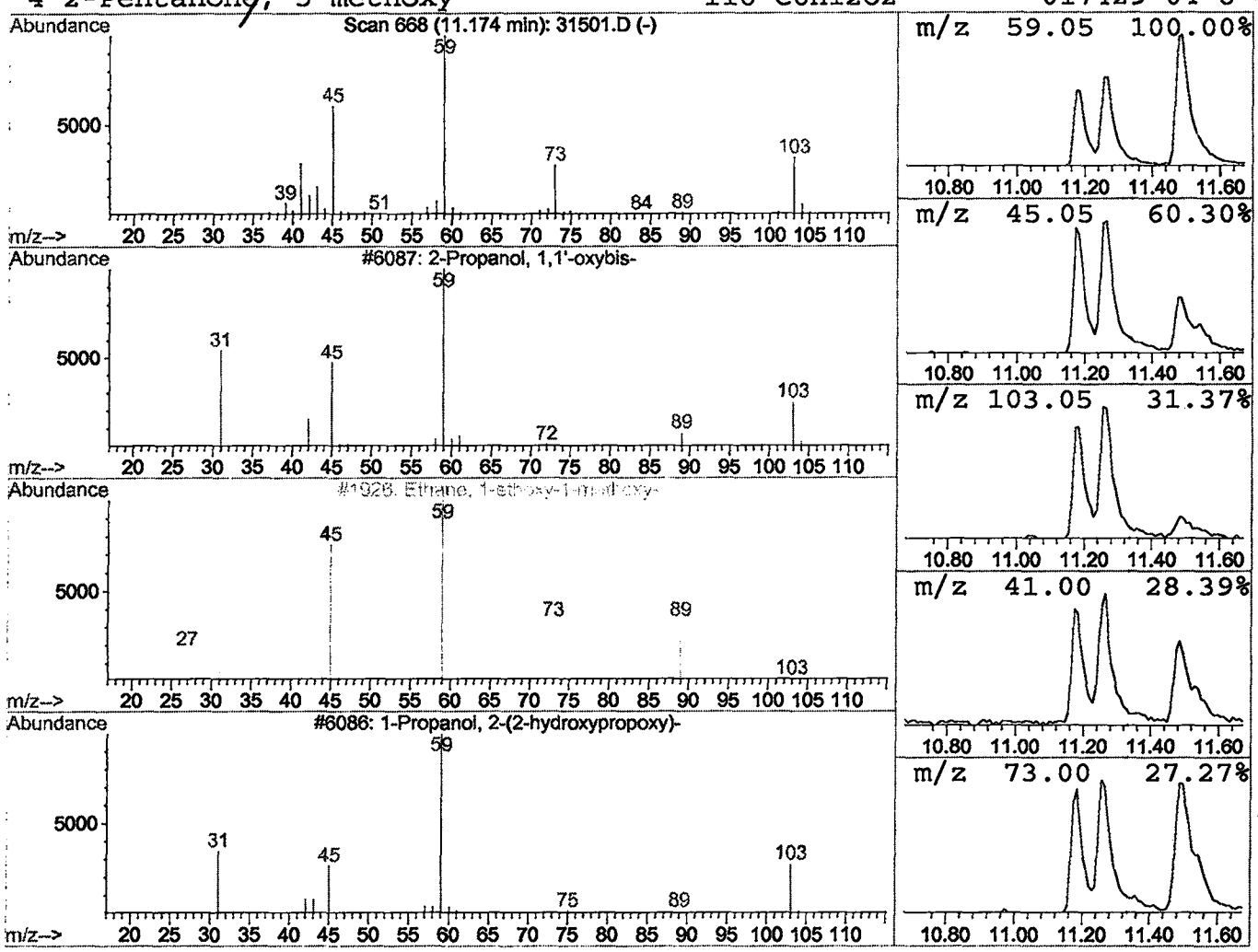
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Propanol, 1,1'-oxybis- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	0.75 ug/l	197465	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50
2	Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	45
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	42
4	2-Pentanone, 5-methoxy-	116	C6H12O2	017429-04-8	42



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1802\31501.D
Acq On : 19 Jan 2002 1:22 am
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

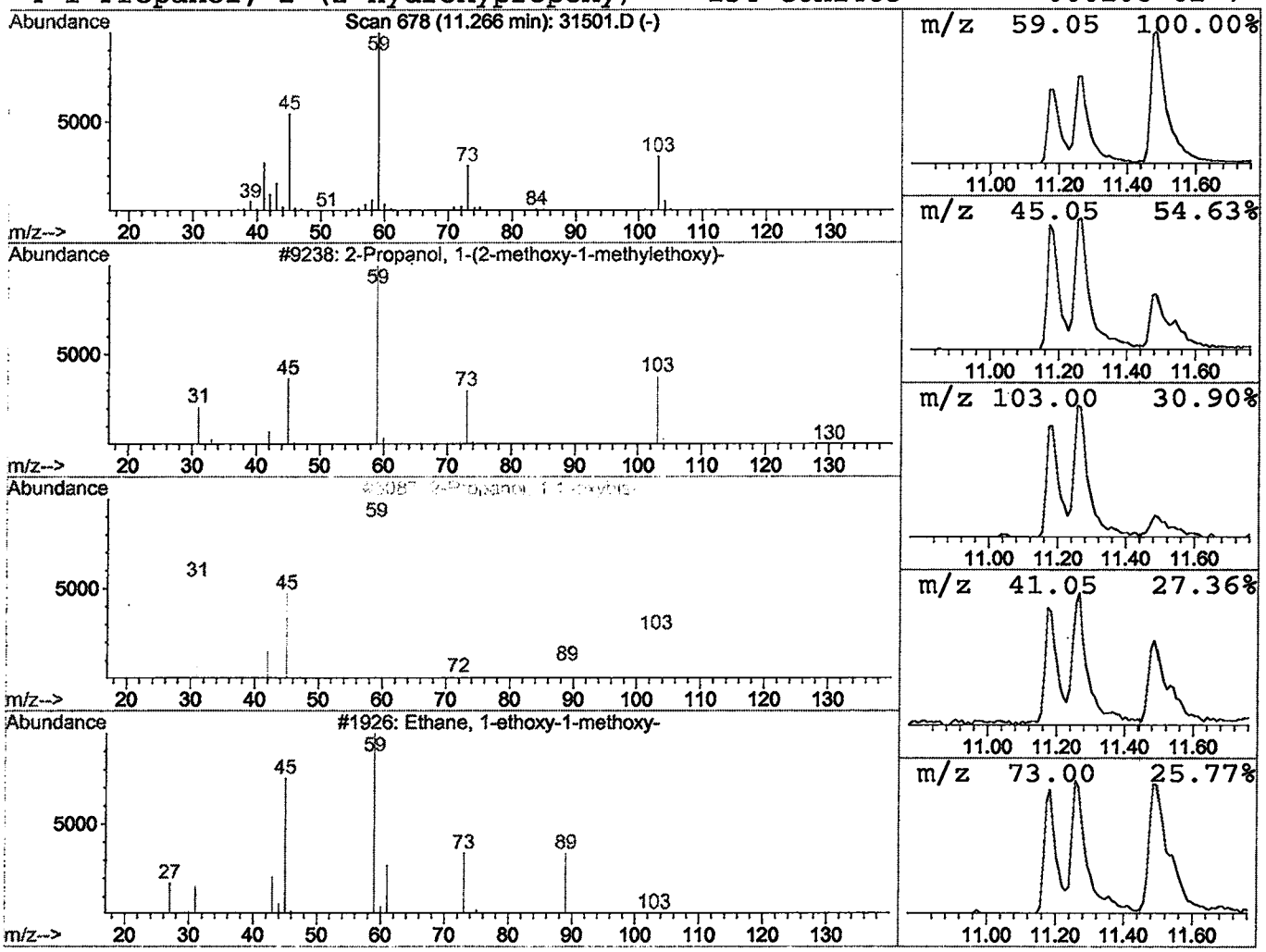
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	1.00 ug/l	261351	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	72
2	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50
3	Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	45
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	42



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 19 Jan 2002 1:22 am
Data File: C:\HPCHEM\1\DATA\JAN1802\31501.D
Name: gc/ms scan 12/31
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0103.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
3-Pentanol, 3-methyl	7.45	3.3	ug/l	868777	ISTD01	11.50	5231350	20.0
2-Propanone, 1,1,1-t	7.58	0.9	ug/l	225634	ISTD01	11.50	5231350	20.0
2-Propanol, 1,1'-oxy	11.17	0.8	ug/l	197465	ISTD01	11.50	5231350	20.0
2-Propanol, 1-(2-met	11.27	1.0	ug/l	261351	ISTD01	11.50	5231350	20.0

31501.D GCMS0103.M Wed Feb 06 15:35:49 2002