User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 08:03:27

Sample: AD31406
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/13/02 08:02 Ended: 2/13/02 08:02 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		116		5.0

Comments for Sample AD31406 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-13-2002 Time: 08:03:37

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 3 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1602\31406.D Vial: 13
Acq On : 16 Jan 2002 11:22 pm Operator: 209 GALOS
Sample : gc/ms scan 12/27 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 7 8:56 2002 Quant Results File: GCMS0103.RES

Quant 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
DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.50	152	780300	20.00	ug/l	-0.03
10) Naphthalene-d8	15.09	136	3043736	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.35	164	1535715	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.77	188	2113058	20.00	ug/l	-0.03
38) Chrysene-d12	32.80	240	1295895	20.00	ug/l	-0.03
44) Perylene-d12	36.86	264	833900	20.00	ug/l	-0.03
System Monitoring Compounds						
37) 2,4-DDD	29.85	235	140308	5.79	ug/mL	-0.22
Spiked Amount 5.000			Recovery = 115.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.15	74	187	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	12.84	77	264	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	15.17	128	638	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	21.89	149	594	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\JAN1602\31406.D Vial: 13
Acq On : 16 Jan 2002 11:22 pm Operator: 209 GALOS
Sample : gc/ms scan 12/27 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
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Quant 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
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	24.83	178	699	N.D.	
34)	Anthracene	24.83	178	699	N.D.	
35)	Di-n-butylphthalate	26.80	149	36035	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	32.79	228	3433	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.11	149	2271	N.D.	
43)	Chrysene	32.79	228	3433	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	36.86	252	3577	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

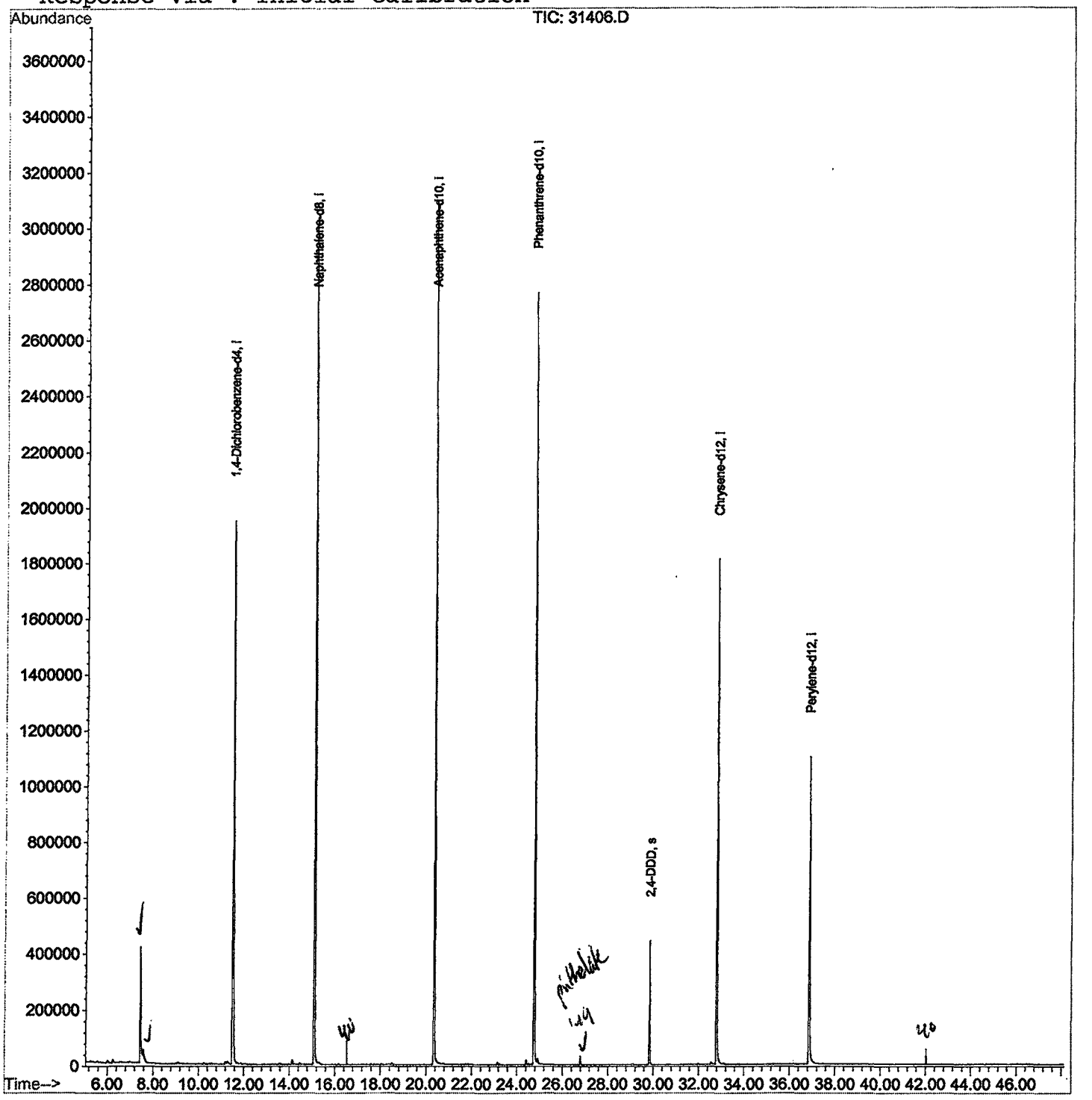
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31406.D
Acq On : 16 Jan 2002 11:22 pm
Sample : gc/ms scan 12/27
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 7 8:56 2002

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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\JAN1602\31406.D Vial: 13
Acq On : 16 Jan 2002 11:22 pm Operator: 209 GALOS
Sample : gc/ms scan 12/27 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

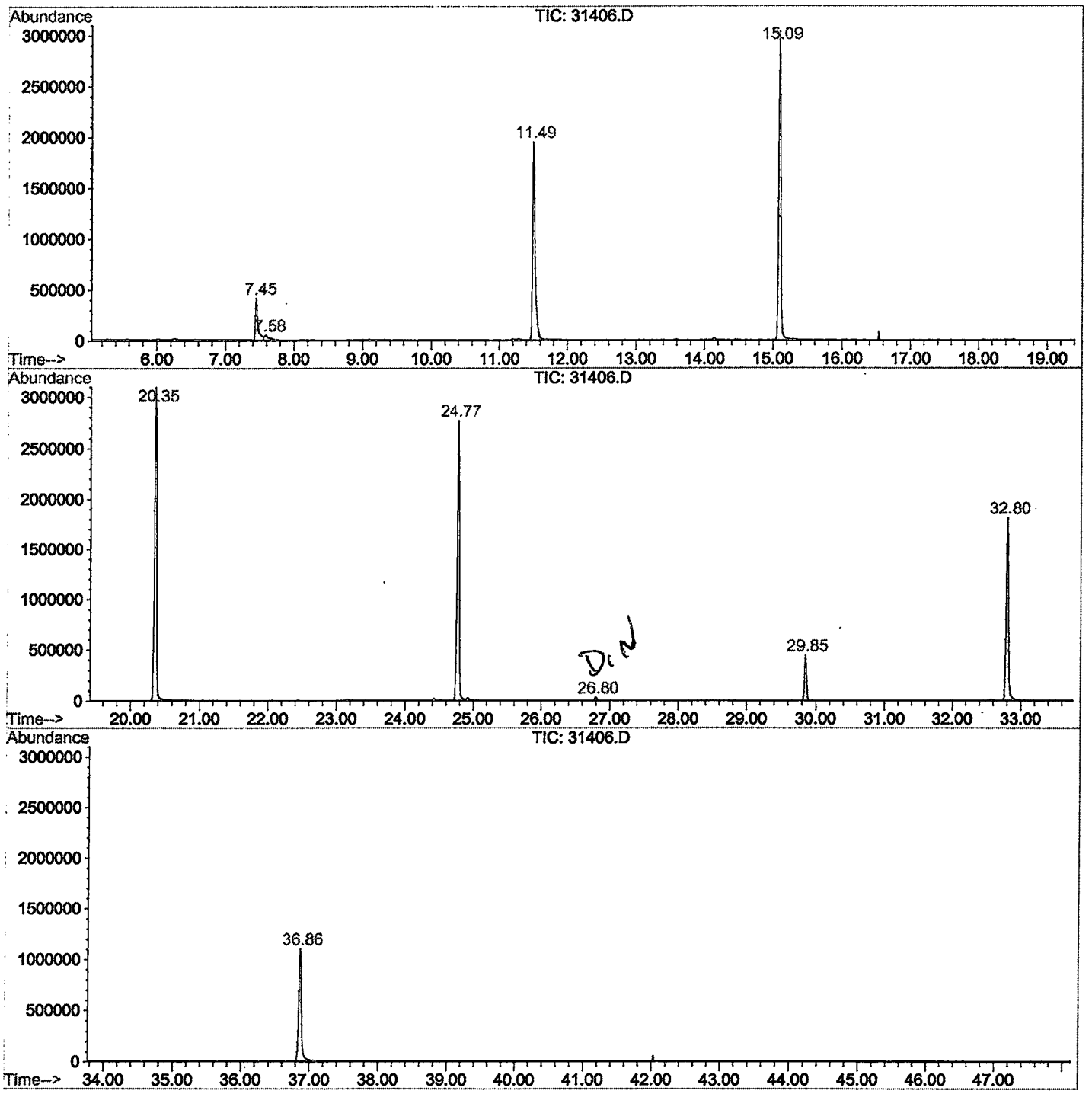
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.446	258	262	274	rBV	414477	1027358	15.94%	3.109%
2	7.584	274	277	294	rVB	46745	192004	2.98%	0.581%
3	11.495	699	703	722	rBV	1947116	4939293	76.61%	14.947%
4	15.093	1089	1095	1109	rBV	3031196	6226243	96.57%	18.841%
5	20.354	1662	1668	1688	rBV	3094259	6447085	100.00%	19.509%
6	24.770	2143	2149	2162	rBV2	2764994	5972207	92.63%	18.072%
7	26.798	2364	2370	2376	rBV	31572	65248	1.01%	0.197%
8	29.846	2696	2702	2711	rBV	441937	890494	13.81%	2.695%
9	32.802	3017	3024	3041	rBV2	1808264	4181104	64.85%	12.652%
10	36.860	3459	3466	3485	rBV	1098383	3105043	48.16%	9.396%

Sum of corrected areas: 33046079

31406.D GCMS0103.M Thu Feb 07 09:15:27 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1602\31406.D
Operator : 209 GALOS
Acquired : 16 Jan 2002 11:22 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/27
Misc Info :
Vial Number: 13
Quant File :GCMS0103.RES (RTE Integrator)



31406.D GCMS0103.M Thu Feb 07 09:15:33 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31406.D
Acq On : 16 Jan 2002 11:22 pm
Sample : gc/ms scan 12/27
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

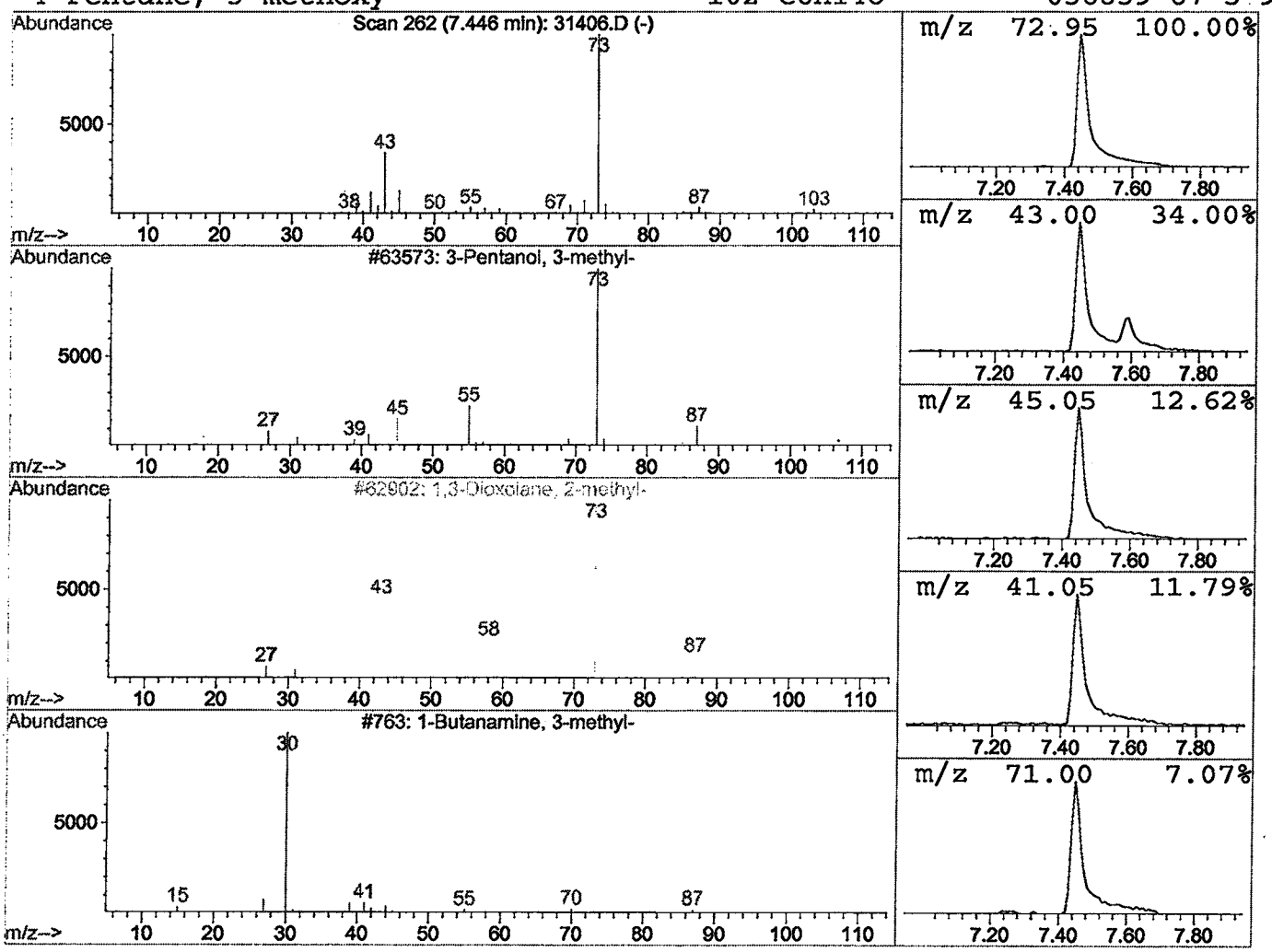
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	4.16 ug/l	1027360	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	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31406.D
Acq On : 16 Jan 2002 11:22 pm
Sample : gc/ms scan 12/27
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

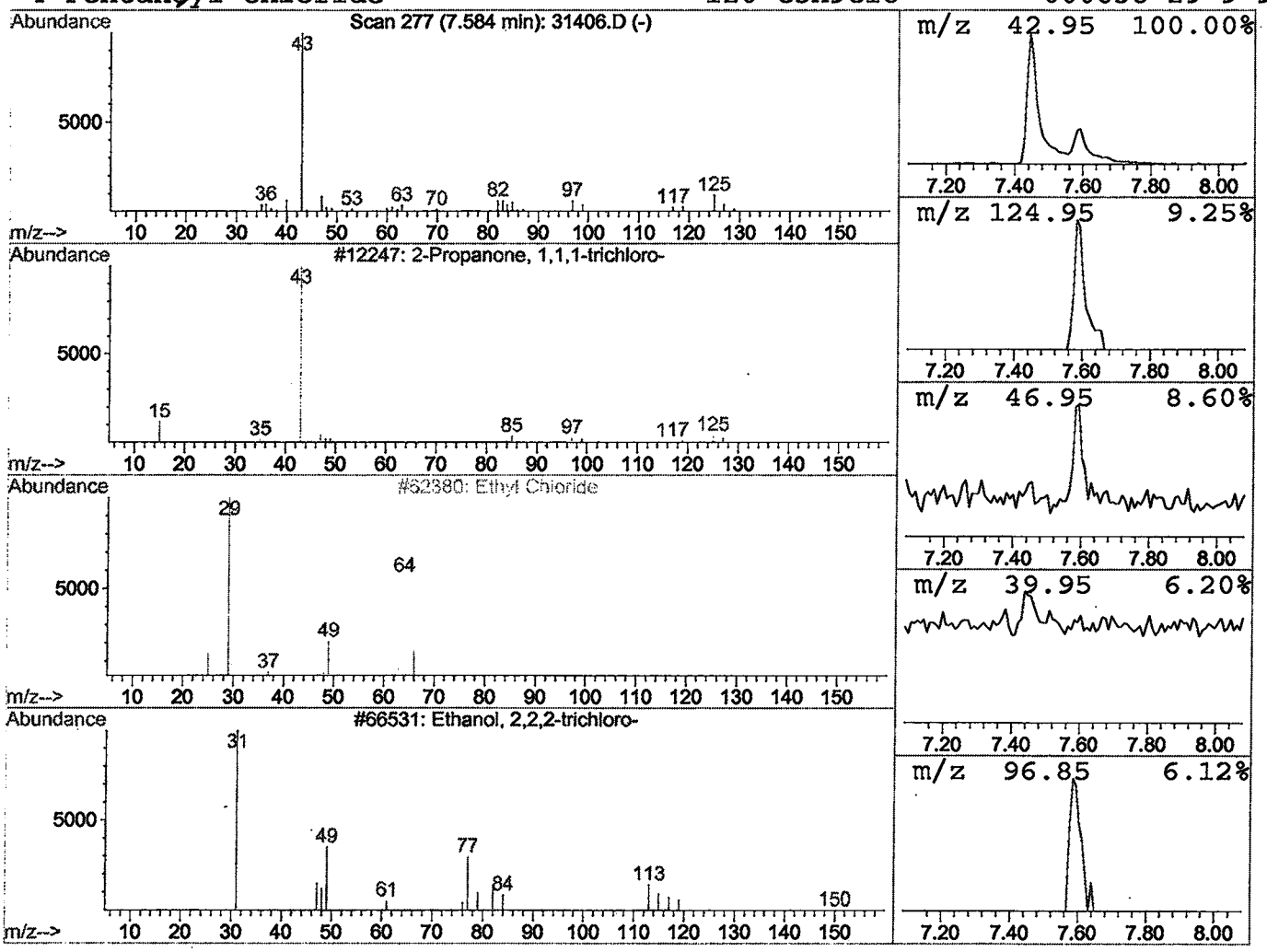
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	0.78 ug/l	192004	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	74
2	Ethyl Chloride	64	C2H5Cl	000075-00-3	9
3	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9
4	Pentanoyl chloride	120	C5H9ClO	000638-29-9	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31406.D
Acq On : 16 Jan 2002 11:22 pm
Sample : gc/ms scan 12/27
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

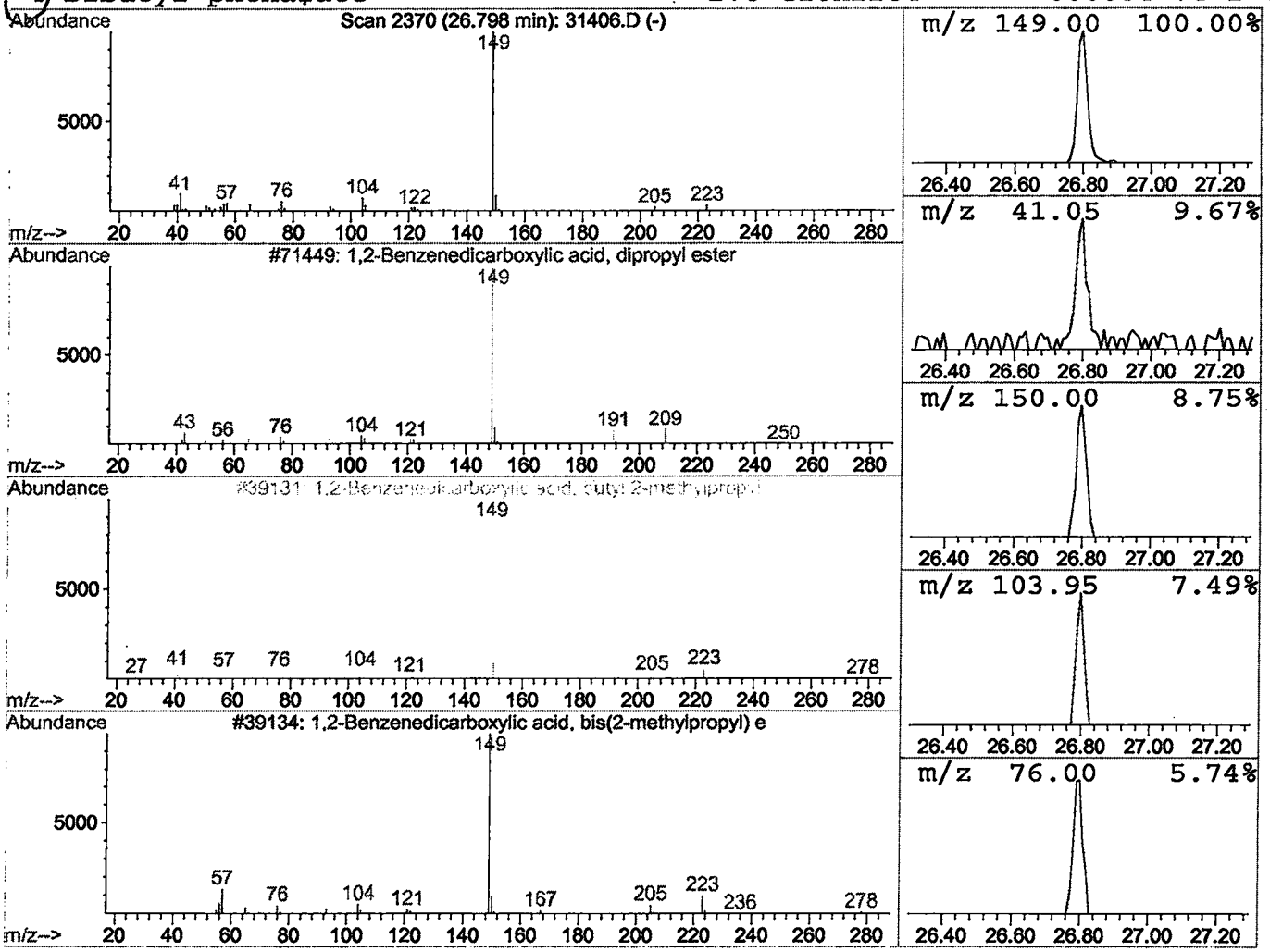
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 1,2-Benzenedicarboxylic acid, Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.80	0.22 ug/l	65248	Phenanthrene-d10	24.77

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



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Jan 2002 11:22 pm
Data File: C:\HPCHEM\1\DATA\JAN1602\31406.D
Name: gc/ms scan 12/27
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	4.2	ug/l	1027360	ISTD01	11.50	4939290	20.0
2-Propanone, 1,1,1-t	7.58	0.8	ug/l	192004	ISTD01	11.50	4939290	20.0
1,2-Benzenedicarboxy	26.80	0.2	ug/l	65248	ISTD04	24.77	5972210	20.0

31406.D GCMS0103.M Thu Feb 07 09:15:52 2002