User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 17:36:59

Sample: AD31466
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 17:36 Ended: 2/11/02 17:36 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		102		5.0

Comments for Sample AD31466 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 17:37:06

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveies 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\31466.D Vial: 25
Acq On : 17 Jan 2002 12:04 pm Operator: 209 GALOS
Sample : gc/ms scan 12/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 7 12:16 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	784682	20.00	ug/l	-0.03
10) Naphthalene-d8	15.09	136	3054354	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.36	164	1522744	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.78	188	2128976	20.00	ug/l	-0.03
38) Chrysene-d12	32.80	240	1410265	20.00	ug/l	-0.04
44) Perylene-d12	36.87	264	943862	20.00	ug/l	-0.03
System Monitoring Compounds						
37) 2,4-DDD	29.85	235	124079	5.08	ug/mL	-0.22
Spiked Amount 5.000			Recovery = 101.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.11	74	265	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	15.16	128	1061	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	20.83	165	102	N.D.		
25) Diethylphthalate	21.88	149	355	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\31466.D Vial: 25
Acq On : 17 Jan 2002 12:04 pm Operator: 209 GALOS
Sample : gc/ms scan 12/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
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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	24.84	178	258	N.D.	
34)	Anthracene	24.84	178	258	N.D.	
35)	Di-n-butylphthalate	26.80	149	4400	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.50	149	307	N.D.	
41)	Benzo(a)anthracene	32.80	228	3722	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.11	149	2237	N.D.	
43)	Chrysene	32.80	228	3722	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	36.88	252	3869	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.	

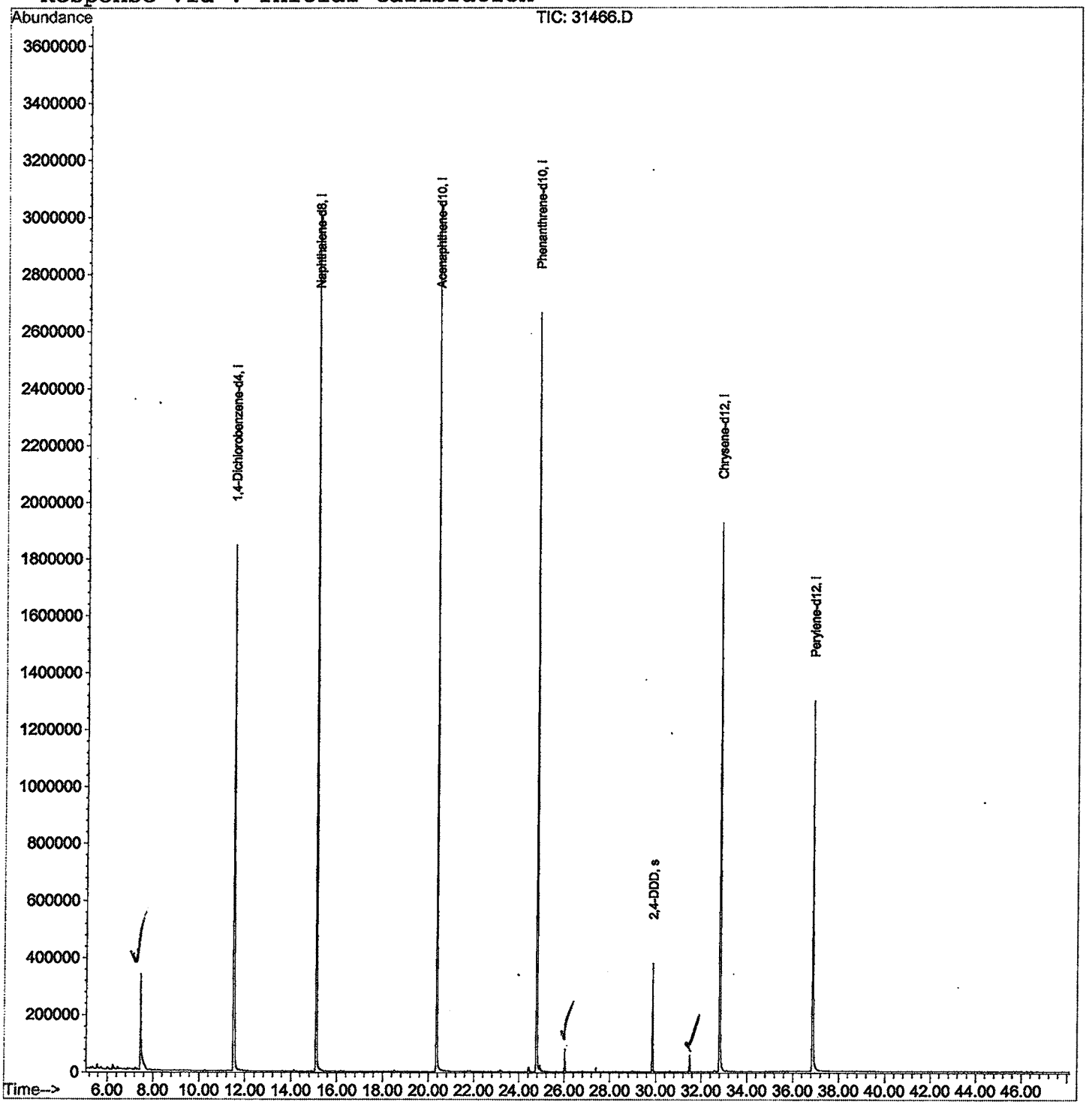
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31466.D
Acq On : 17 Jan 2002 12:04 pm
Sample : gc/ms scan 12/28
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 7 12:16 2002

Vial: 25
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\31466.D Vial: 25
Acq On : 17 Jan 2002 12:04 pm Operator: 209 GALOS
Sample : gc/ms scan 12/28 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

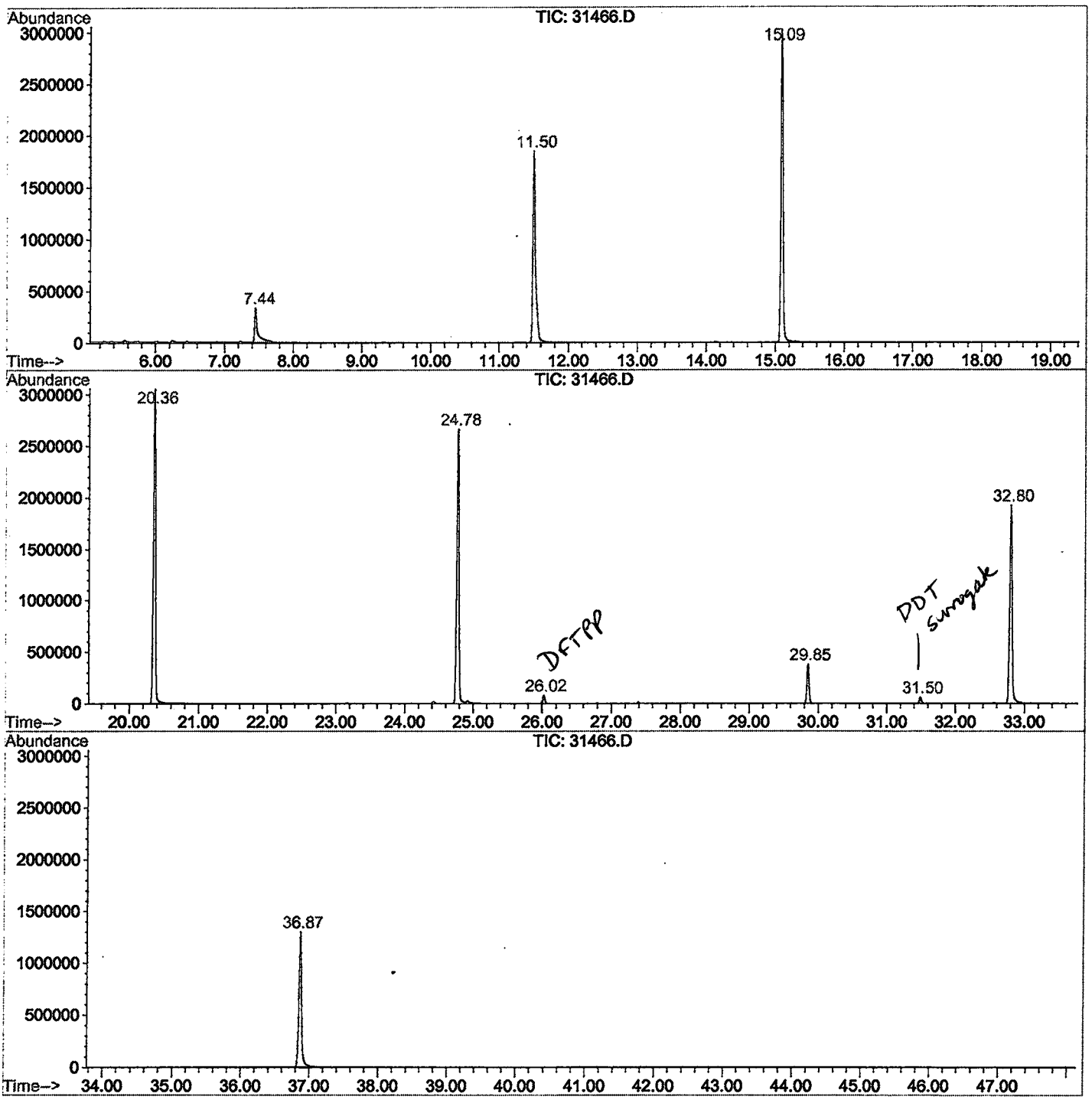
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.444	258	261	297	rVB	334678	1076167	16.81%	3.195%
2	11.502	698	703	724	rBV	1844754	4921907	76.90%	14.613%
3	15.091	1089	1094	1112	rBV	3015871	6239148	97.48%	18.524%
4	20.361	1661	1668	1687	rBV	3054007	6400192	100.00%	19.002%
5	24.776	2142	2149	2161	rBV2	2663305	5994342	93.66%	17.797%
6	26.025	2280	2285	2292	rVB2	80557	148461	2.32%	0.441%
7	29.853	2696	2702	2709	rBV	379281	772240	12.07%	2.293%
8	31.496	2876	2881	2889	rVB	59342	114521	1.79%	0.340%
9	32.800	3017	3023	3042	rBV2	1925257	4524170	70.69%	13.432%
10	36.867	3459	3466	3492	rBV	1295948	3490208	54.53%	10.362%

Sum of corrected areas: 33681356

31466.D GCMS0103.M Thu Feb 07 12:42:14 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1602\31466.D
Operator : 209 GALOS
Acquired : 17 Jan 2002 12:04 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/28
Misc Info :
Vial Number: 25
Quant File :GCMS0103.RES (RTE Integrator)



31466.D GCMS0103.M Thu Feb 07 12:42:20 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31466.D
Acq On : 17 Jan 2002 12:04 pm
Sample : gc/ms scan 12/28
Misc :
MS Integration Params: LSCINT.P

Vial: 25
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

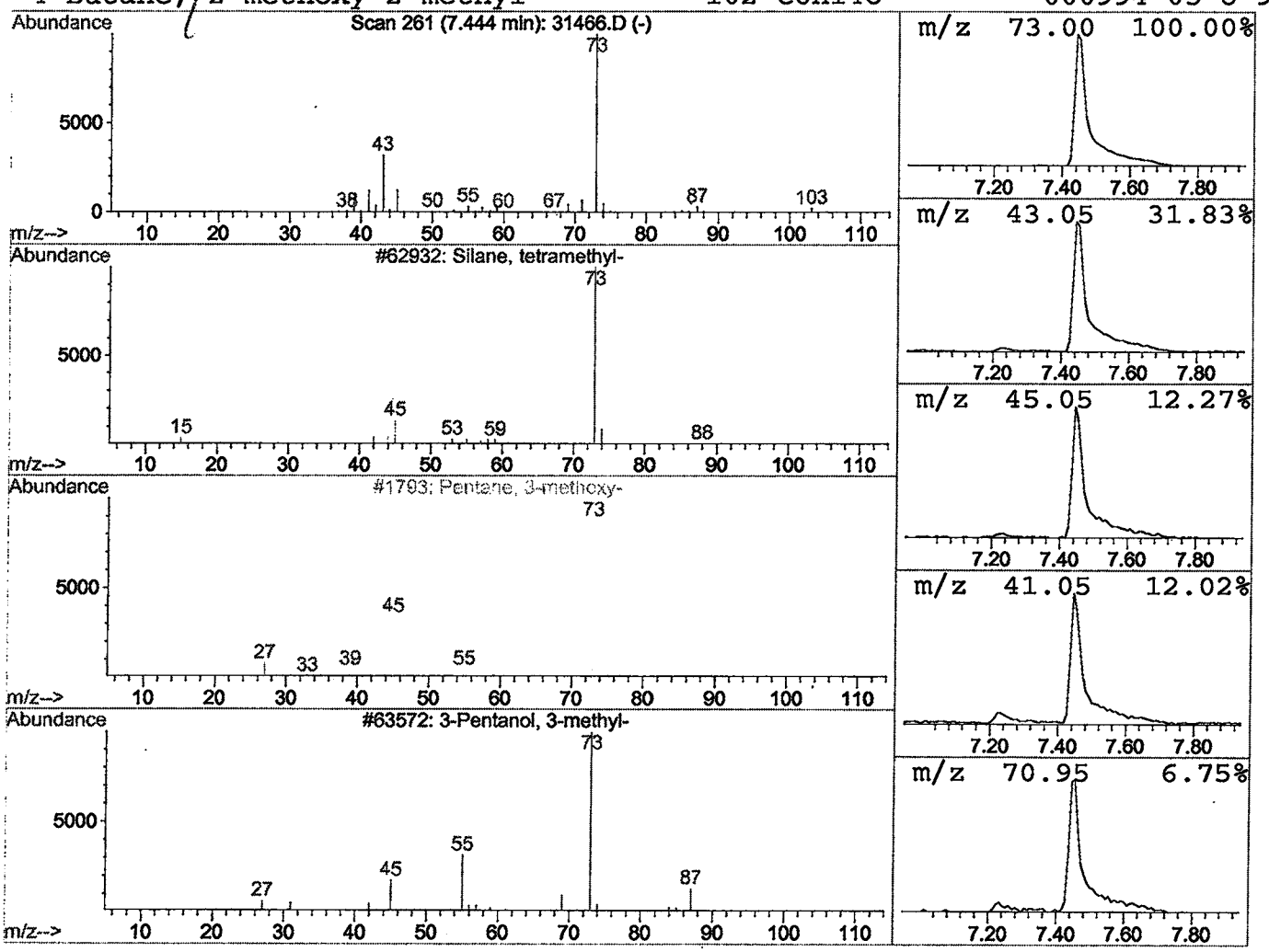
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	4.37 ug/l	1076170	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31466.D
Acq On : 17 Jan 2002 12:04 pm
Sample : gc/ms scan 12/28
Misc :
MS Integration Params: LSCINT.P

Vial: 25
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

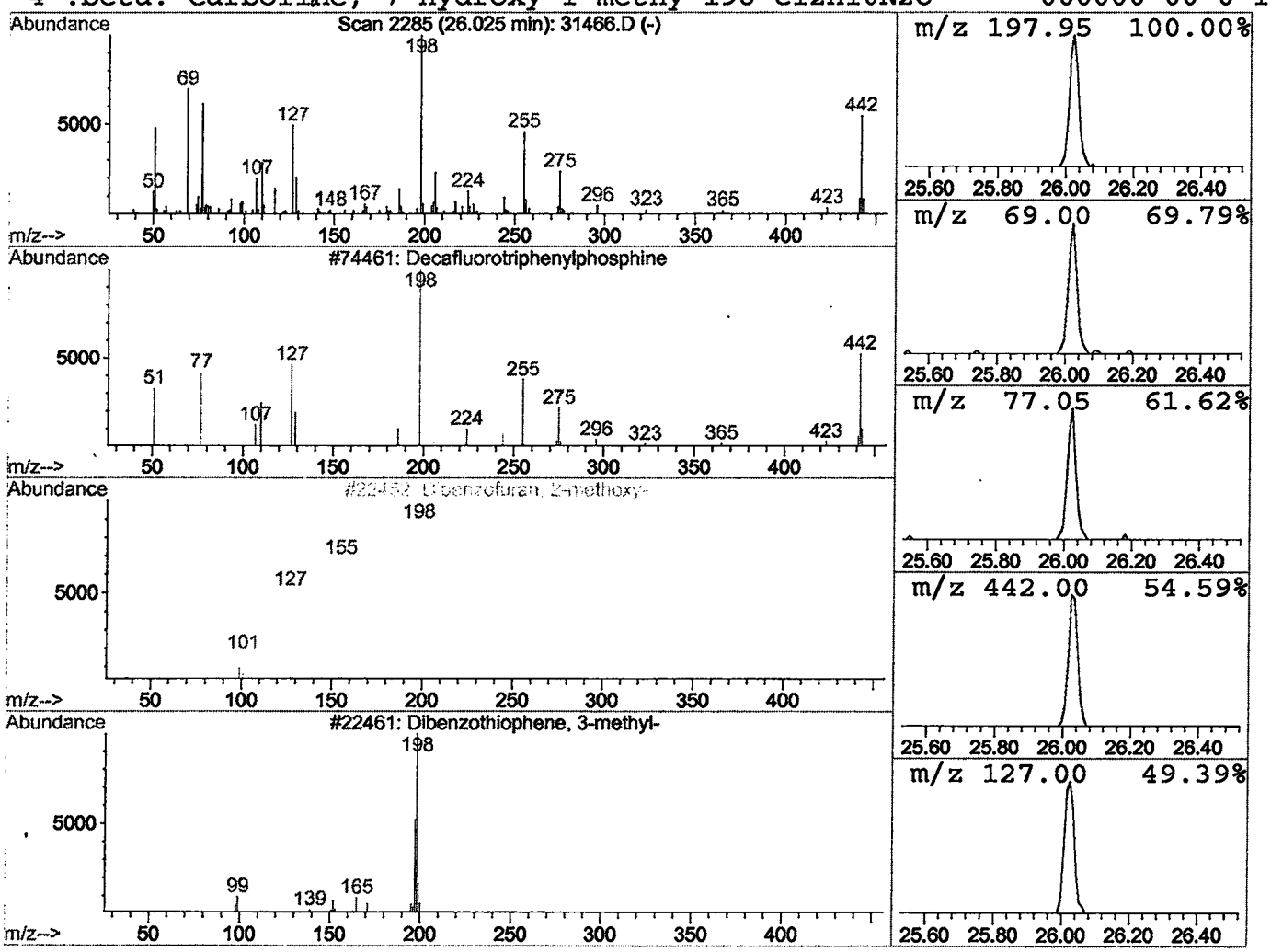
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Decafluorotriphenylphosphine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.02	0.50 ug/l	148461	Phenanthrene-d10	24.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decafluorotriphenylphosphine	442	C18H5F10P	005074-71-5	99
2	Dibenzofuran, 2-methoxy-	198	C13H10O2	020357-70-4	25
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	14
4	.beta.-Carboline, 7-hydroxy-1-methy	198	C12H10N2O	000000-00-0	14



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31466.D
Acq On : 17 Jan 2002 12:04 pm
Sample : gc/ms scan 12/28
Misc :
MS Integration Params: LSCINT.P

Vial: 25
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

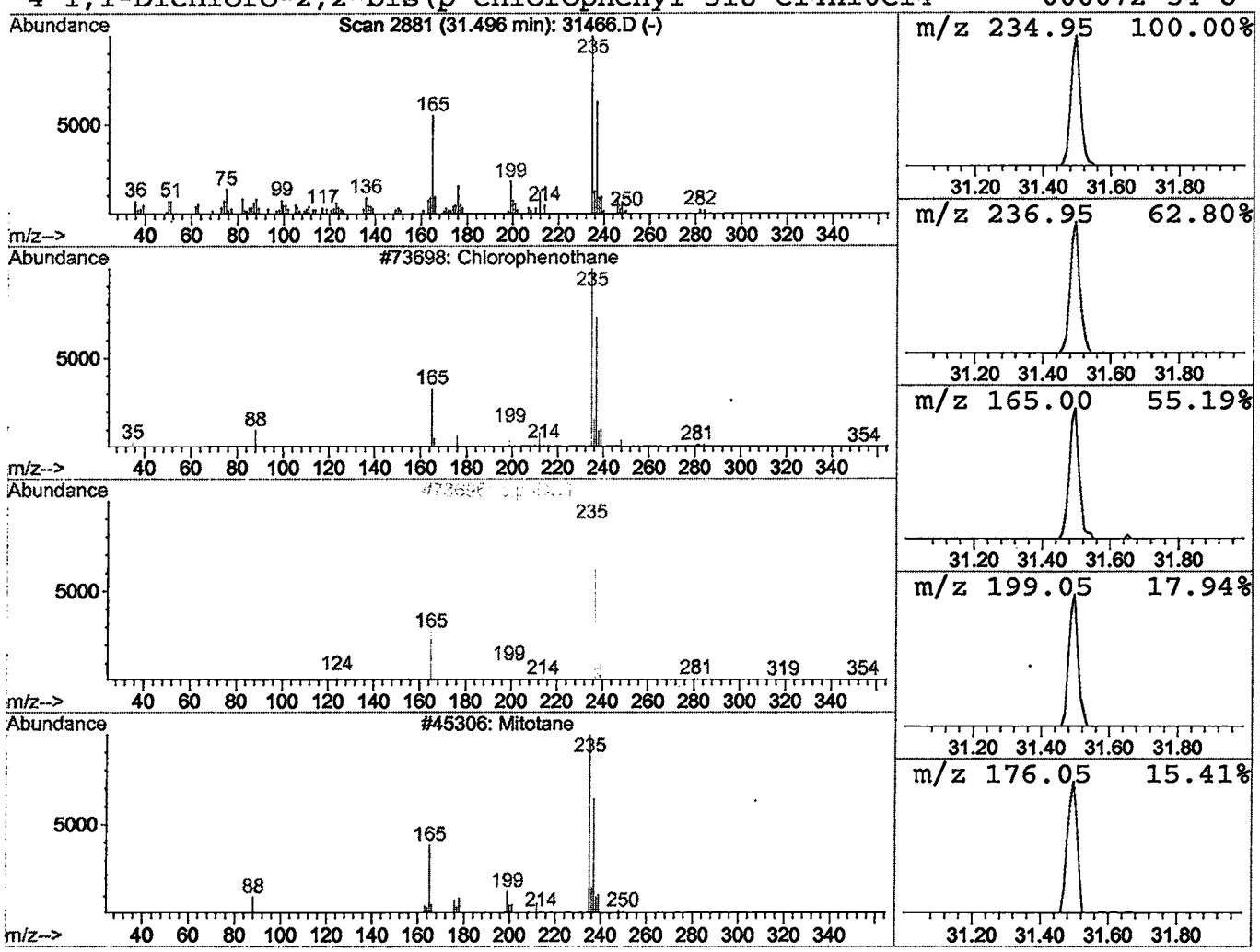
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Chlorophenothane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.50	0.51 ug/l	114521	Chrysene-d12	32.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chlorophenothane	352	C14H9Cl5	000050-29-3	87
2	o,p'-DDT	352	C14H9Cl5	000789-02-6	83
3	Mitotane	318	C14H10Cl4	000053-19-0	74
4	1,1-Dichloro-2,2-bis(p-chlorophenyl	318	C14H10Cl4	000072-54-8	72



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 17 Jan 2002 12:04 pm
Data File: C:\HPCHEM\1\DATA\JAN1602\31466.D
Name: gc/ms scan 12/28
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
Silane, tetramethyl-	7.44	4.4	ug/l	1076170	ISTD01	11.50	4921910	20.0
Decafluorotriphenylp	26.02	0.5	ug/l	148461	ISTD04	24.78	5994340	20.0
Chlorophenothane	31.50	0.5	ug/l	114521	ISTD05	32.80	4524170	20.0

31466.D GCMS0103.M Thu Feb 07 12:42:38 2002