User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 15:22:40

Sample: AD31505
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 16:54 Ended: 2/11/02 16:54 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		95		5.0

Comments for Sample AD31505 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-15-2002 Time: 15:23:11

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 13 of the 43 compounds in the LCS Standard were above their acceptance ranges. This sample is the Field Blank. Reanalysis was performed with a Surrogate Standard recovery of 95%.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1802\31505.D Vial: 14
Acq On : 19 Jan 2002 4:17 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 15:24 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	752637	20.00	ug/l	-0.03
10) Naphthalene-d8	15.09	136	2954943	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.36	164	1459956	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.77	188	2050700	20.00	ug/l	-0.04
38) Chrysene-d12	32.80	240	1338097	20.00	ug/l	-0.04
44) Perylene-d12	36.87	264	890461	20.00	ug/l	-0.03
System Monitoring Compounds						
37) 2,4-DDD	29.85	235	111632	4.74	ug/mL	-0.22
Spiked Amount 5.000			Recovery = 94.80%			
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	15.15	128	944	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	20.70	165	204	N.D.		
25) Diethylphthalate	21.88	149	8116	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\31505.D Vial: 14
Acq On : 19 Jan 2002 4:17 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 15:24 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	293	N.D.	
34) Anthracene	24.84	178	293	N.D.	
35) Di-n-butylphthalate	26.80	149	11786	N.D.	
36) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	31.29	149	1155	N.D.	
41) Benzo(a)anthracene	32.80	228	3334	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.10	149	20189	N.D.	
43) Chrysene	32.80	228	3334	N.D.	
45) Di-n-Octylphthalate	34.86	149	302	N.D.	
46) Benzo(b)fluoranthene	35.90	252	541	N.D.	
47) Benzo(k)fluoranthene	35.90	252	541	N.D.	
48) Benzo(a)pyrene	36.73	252	323	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.	

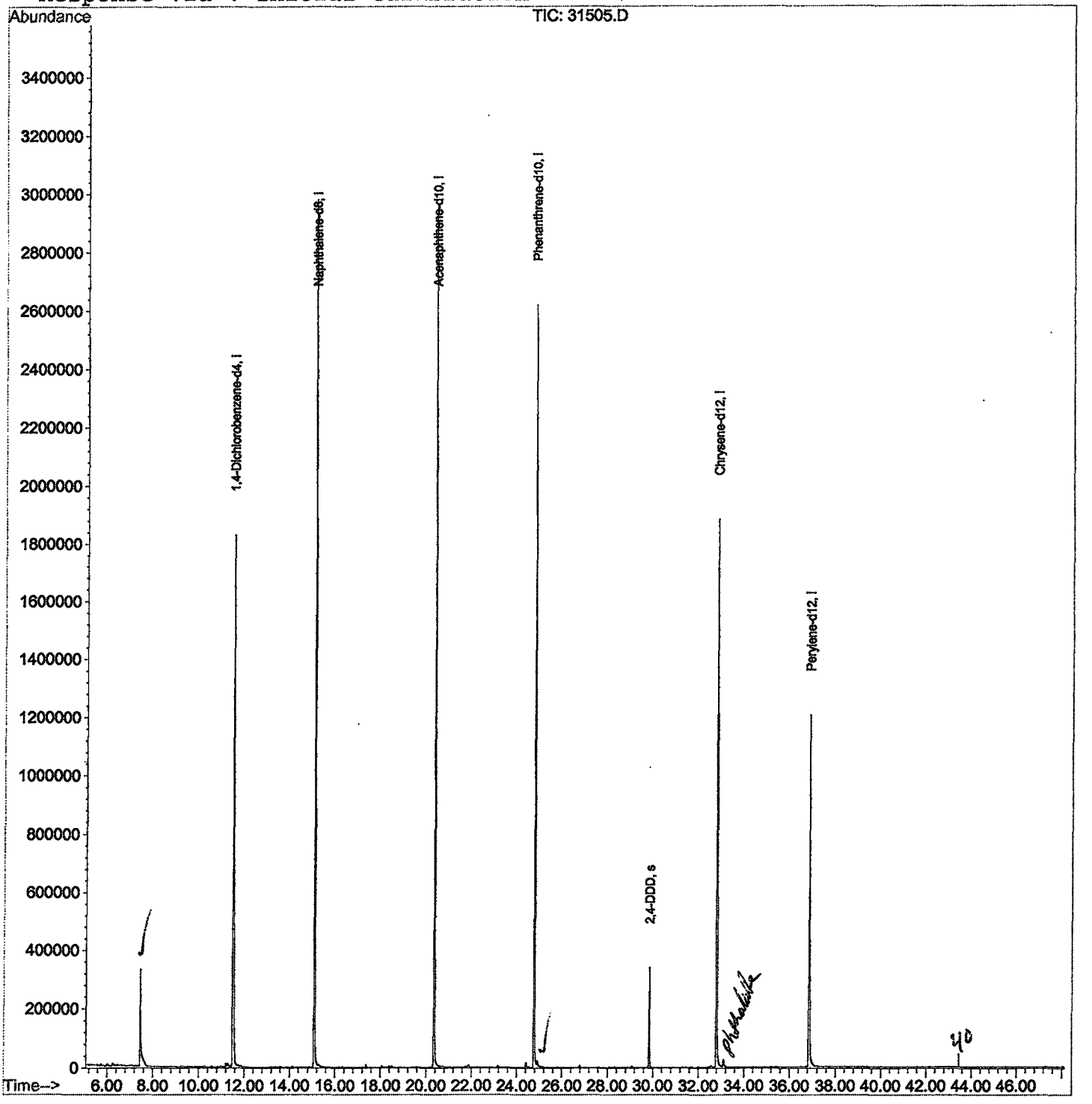
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN1802\31505.D
Acq On : 19 Jan 2002 4:17 am
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 6 15:24 2002

Vial: 14
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\JAN1802\31505.D Vial: 14
Acq On : 19 Jan 2002 4:17 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

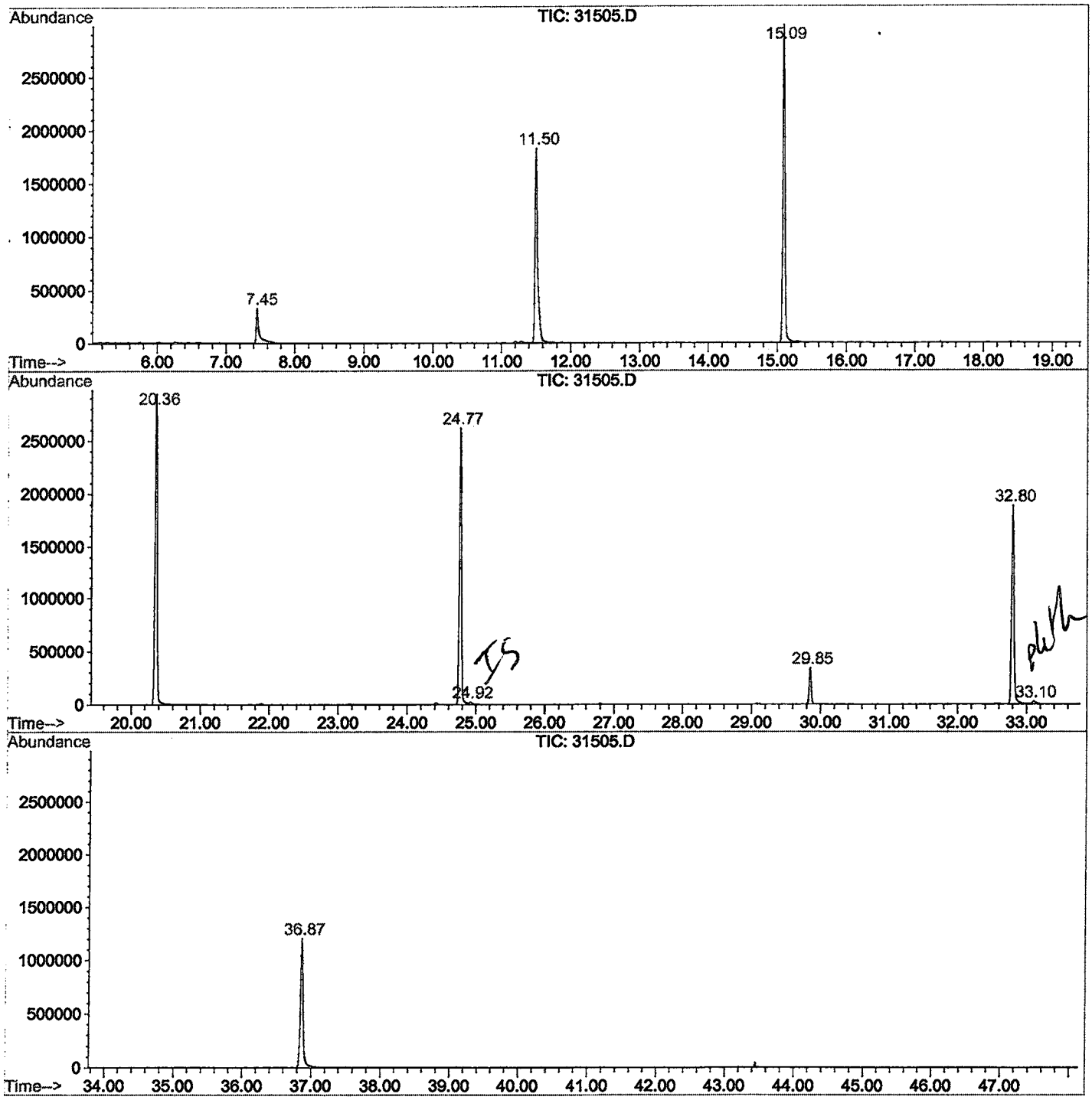
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.452	258	262	291	rBV	327682	977437	15.71%	3.015%
2	11.501	698	703	720	rBV	1827223	4831614	77.65%	14.903%
3	15.090	1089	1094	1110	rBV	2979647	6100508	98.04%	18.817%
4	20.360	1661	1668	1692	rBV	2940598	6222565	100.00%	19.193%
5	24.766	2142	2148	2161	rBV2	2619165	5778238	92.86%	17.823%
6	24.922	2161	2165	2176	rVB	20494	63986	1.03%	0.197%
7	29.852	2696	2702	2708	rBV	338515	689971	11.09%	2.128%
8	32.799	3017	3023	3042	rBV2	1881252	4346511	69.85%	13.407%
9	33.102	3050	3056	3067	rVB	23816	71514	1.15%	0.221%
10	36.866	3458	3466	3486	rBV	1202922	3338226	53.65%	10.297%

Sum of corrected areas: 32420570

31505.D GCMS0103.M Wed Feb 06 15:39:11 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1802\31505.D
Operator : 209 GALOS
Acquired : 19 Jan 2002 4:17 am using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/31
Misc Info :
Vial Number: 14
Quant File :GCMS0103.RES (RTE Integrator)



31505.D GCMS0103.M Wed Feb 06 15:39:17 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1802\31505.D
Acq On : 19 Jan 2002 4:17 am
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

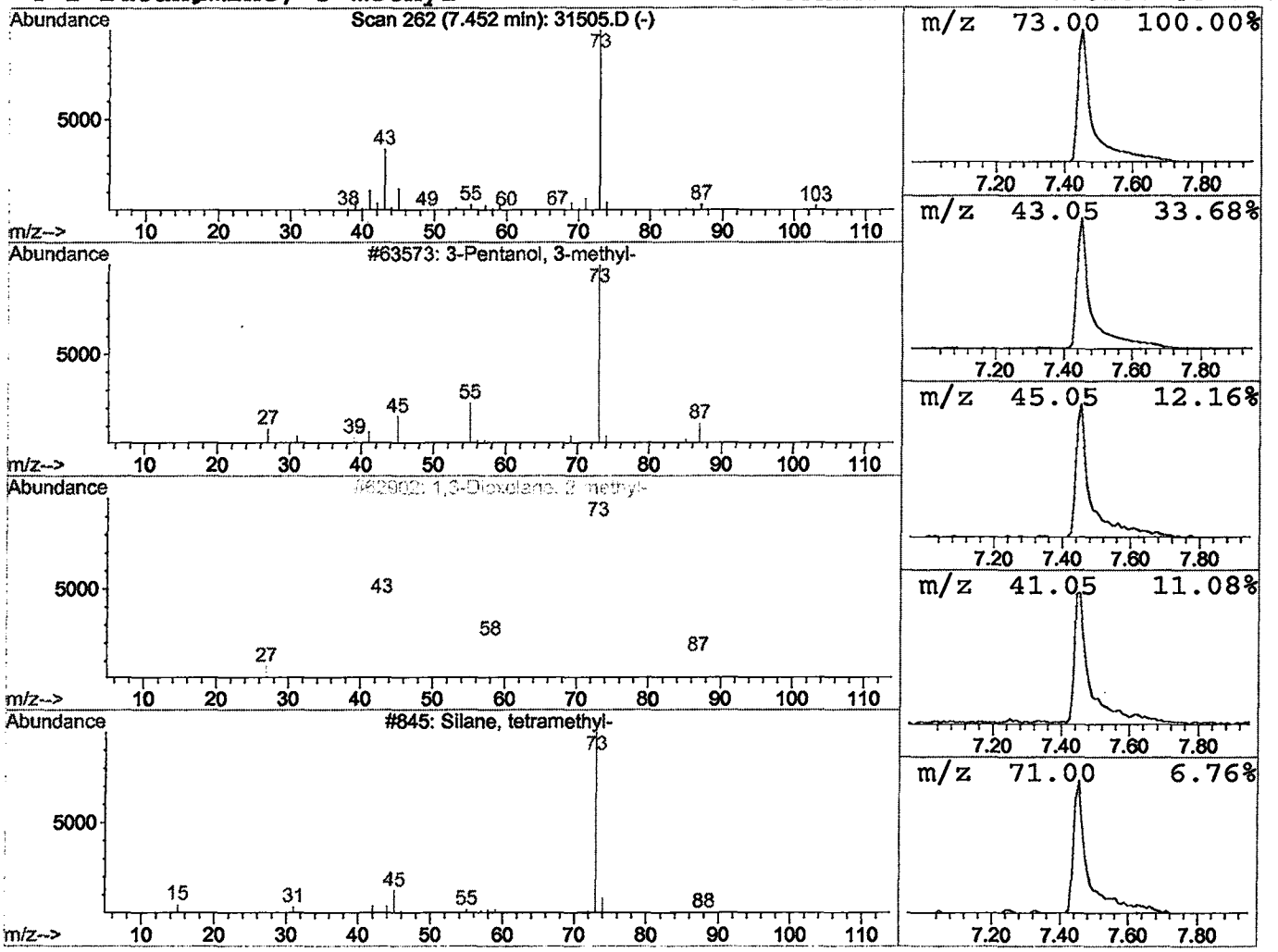
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	4.05 ug/l	977437	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1802\31505.D
Acq On : 19 Jan 2002 4:17 am
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

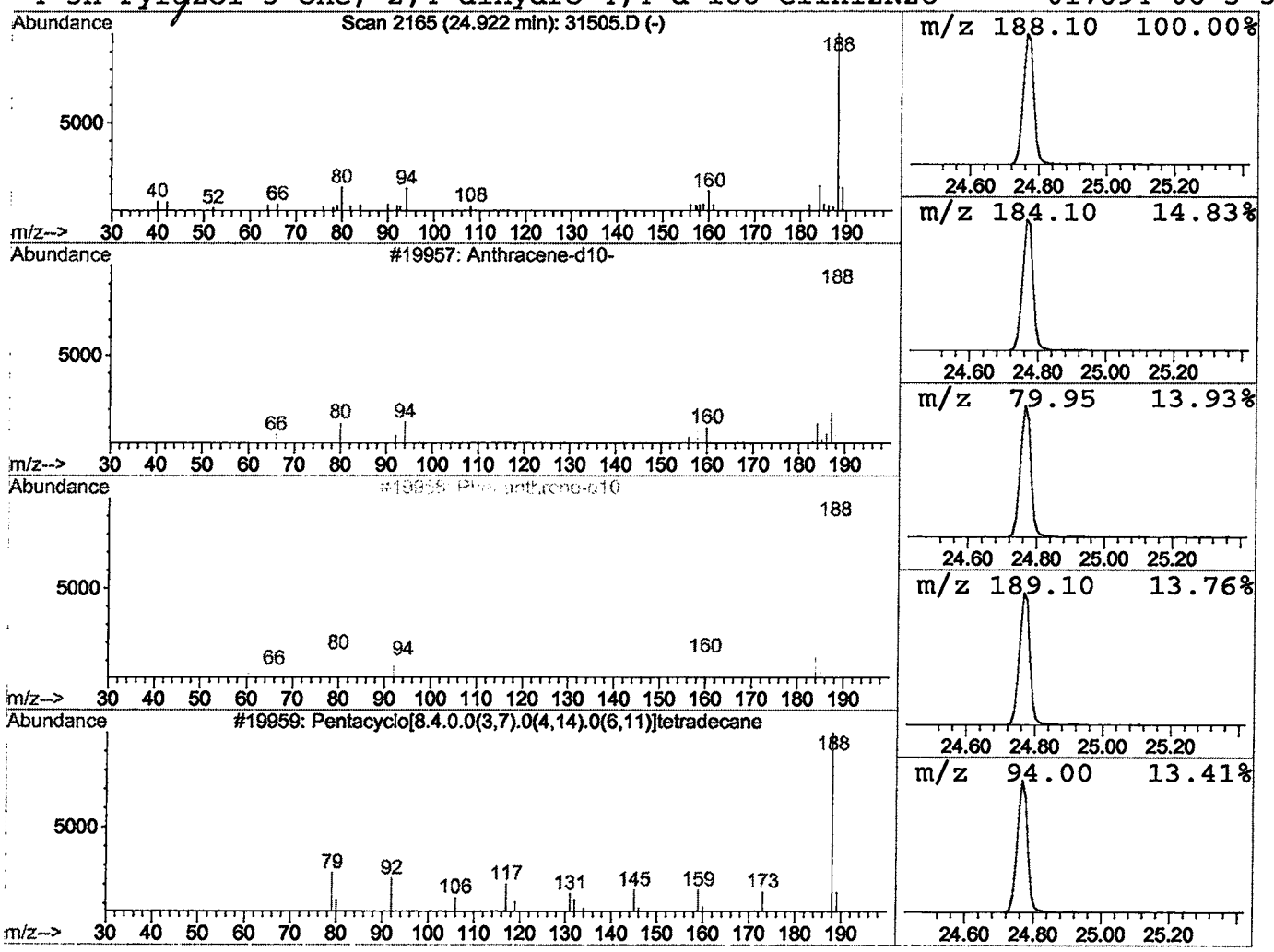
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.92	0.22 ug/l	63986	Phenanthrene-d10	24.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	91
2	Phenanthrene-d10	188	C14D10	001517-22-2	91
3	Pentacyclo[8.4.0.0(3,7).0(4,14).0(6	188	C14H20	000000-00-0	36
4	3H-Pyrazol-3-one, 2,4-dihydro-4,4-d	188	C11H12N2O	017694-06-3	33



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1802\31505.D
Acq On : 19 Jan 2002 4:17 am
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

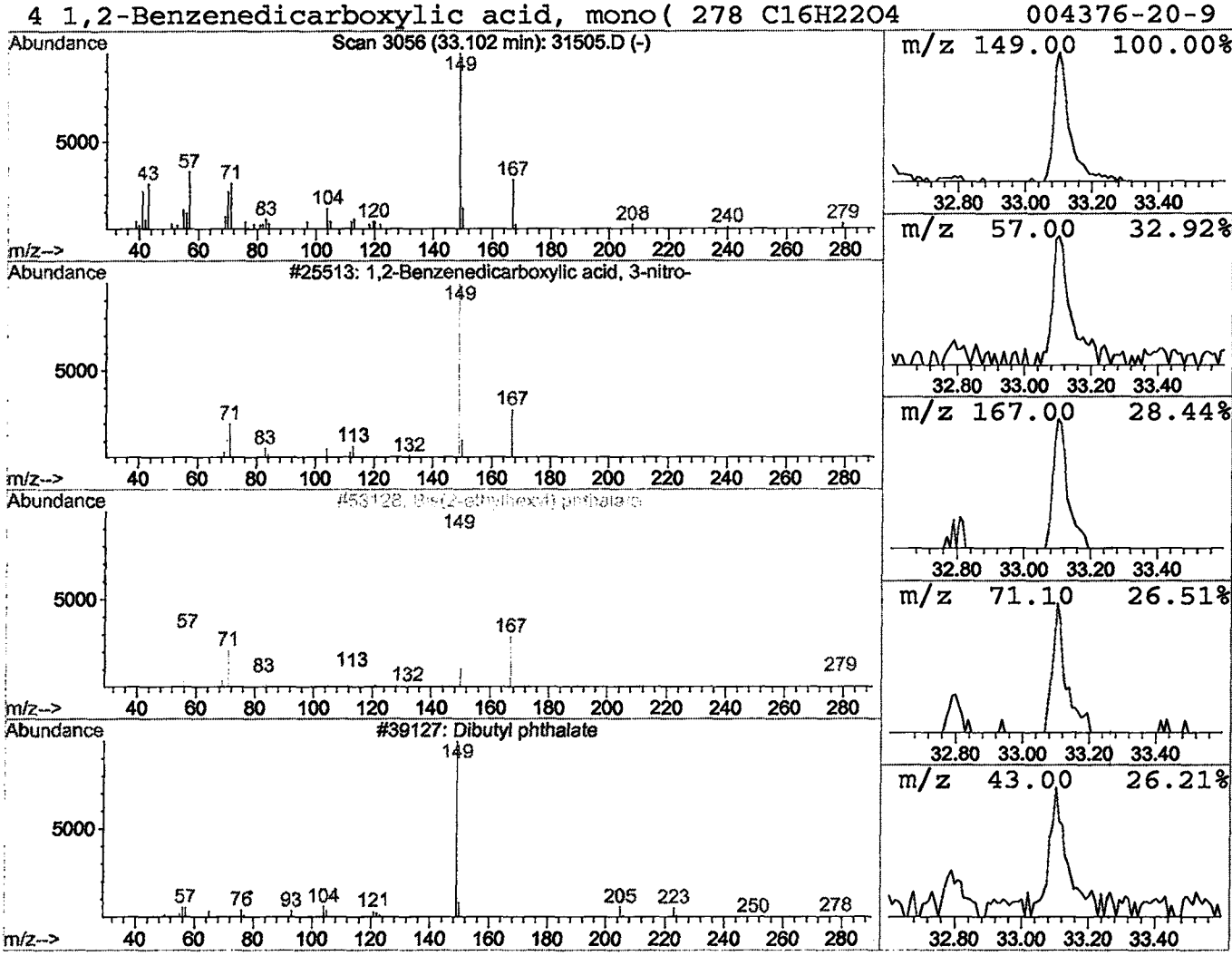
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.10	0.33 ug/l	71514	Chrysene-d12	32.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, 3-nit	211	C8H5NO6	000603-11-2	80
2	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	56
3	Dibutyl phthalate	278	C16H22O4	000084-74-2	43
4	1,2-Benzenedicarboxylic acid, mono(	278	C16H22O4	004376-20-9	42



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 19 Jan 2002 4:17 am
Data File: C:\HPCHEM\1\DATA\JAN1802\31505.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	4.0	ug/l	977437	ISTD01	11.50	4831610	20.0
Anthracene-d10	24.92	0.2	ug/l	63986	ISTD04	24.77	5778240	20.0
1,2-Benzenedicarboxy	33.10	0.3	ug/l	71514	ISTD05	32.80	4346510	20.0

31505.D GCMS0103.M Wed Feb 06 15:39:36 2002