User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 15:43:48

Sample: AD31552
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/15/02 15:23 Ended: 2/15/02 15:23 Analyst: DLV
Page: 1

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

Comments for Sample AD31552 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-15-2002 Time: 15:45:00

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\31552.D Vial: 15
Acq On : 19 Jan 2002 5:15 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 15:26 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	765539	20.00	ug/l	-0.03
10) Naphthalene-d8	15.09	136	2974894	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.35	164	1483201	20.00	ug/l	-0.04
29) Phenanthrene-d10	24.77	188	2081175	20.00	ug/l	-0.04
38) Chrysene-d12	32.80	240	1386055	20.00	ug/l	-0.04
44) Perylene-d12	36.87	264	908071	20.00	ug/l	-0.03
System Monitoring Compounds						
37) 2,4-DDD	29.85	235	113623	4.76	ug/mL	-0.22
Spiked Amount 5.000			Recovery = 95.20%			
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	13.10	77	100	N.D.		
12) Isophorone	13.34	82	127	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	714	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	20.71	165	361	N.D.		
25) Diethylphthalate	21.88	149	2886	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\31552.D Vial: 15
Acq On : 19 Jan 2002 5:15 am Operator: 209 GALOS
Sample : gc/ms scan 12/31 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 : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS0103

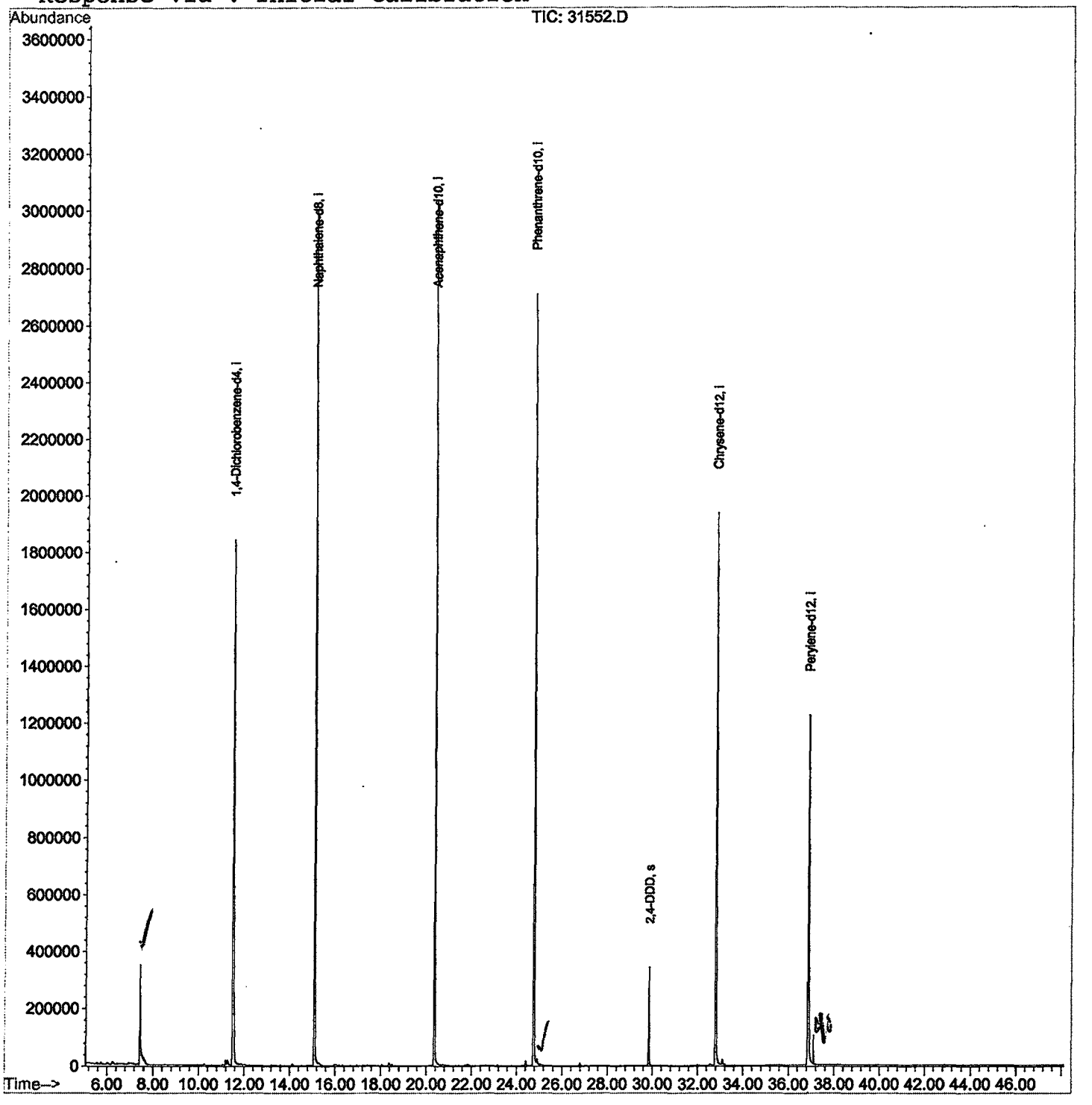
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.77	178	550	N.D.	
34)	Anthracene	24.77	178	550	N.D.	
35)	Di-n-butylphthalate	26.80	149	10934	N.D.	
36)	Fluoranthene	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	3316	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.10	149	14710	N.D.	
43)	Chrysene	32.80	228	3316	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	35.92	252	192	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	36.87	252	3676	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\31552.D Vial: 15
Acq On : 19 Jan 2002 5:15 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 15:26 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\31552.D Vial: 15
Acq On : 19 Jan 2002 5:15 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

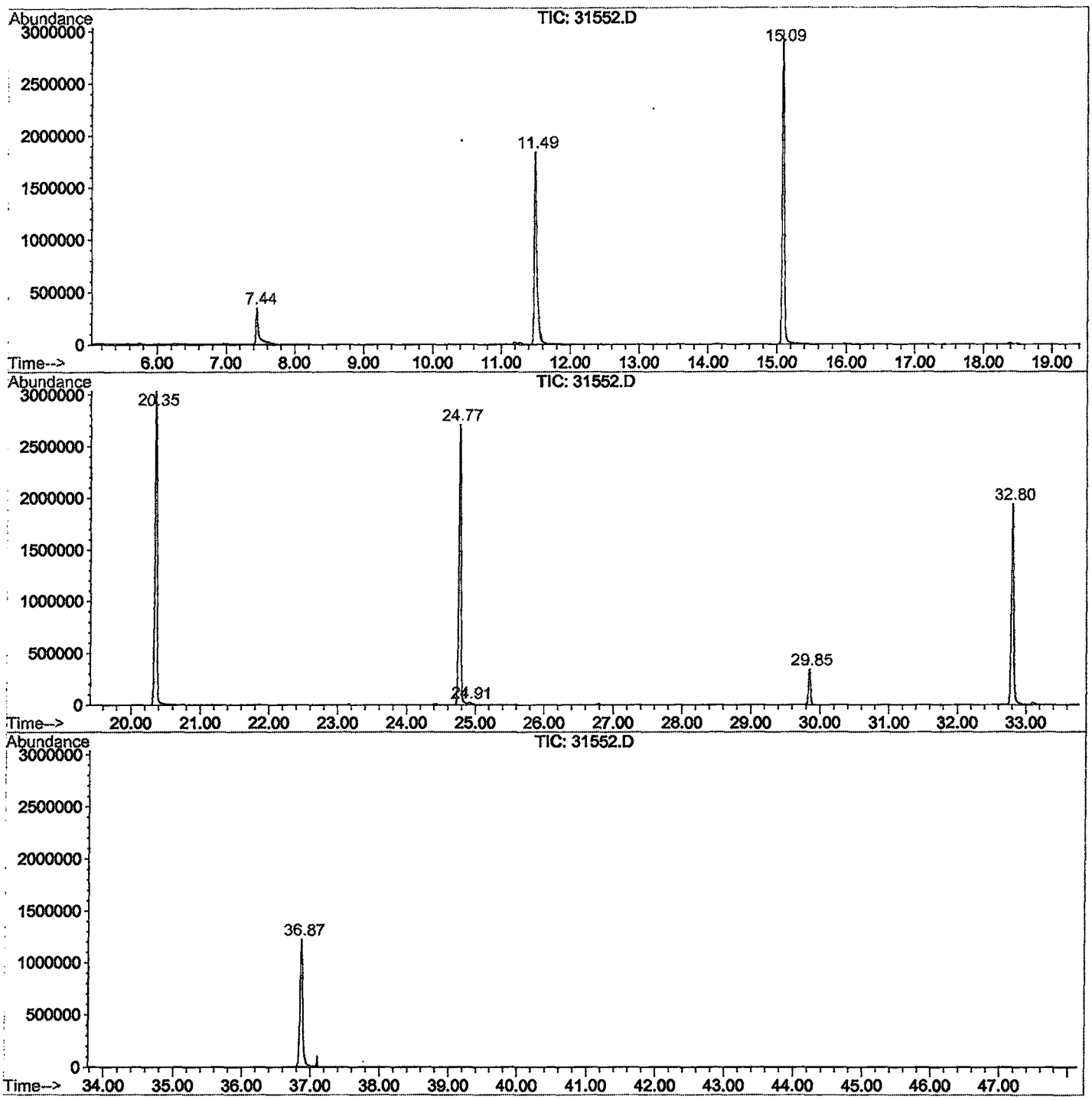
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.444	257	261	291	rBV	346732	1003786	15.96%	3.050%
2	11.493	698	702	724	rBV	1840027	4950010	78.71%	15.040%
3	15.091	1088	1094	1108	rBV	2997204	6156651	97.90%	18.706%
4	20.352	1661	1667	1684	rBV	3034898	6288594	100.00%	19.107%
5	24.767	2142	2148	2161	rBV2	2708861	5884366	93.57%	17.879%
6	24.914	2161	2164	2175	rVB	20626	66741	1.06%	0.203%
7	29.853	2696	2702	2710	rVB	341500	707743	11.25%	2.150%
8	32.800	3016	3023	3040	rBV2	1936247	4458838	70.90%	13.548%
9	36.867	3458	3466	3490	rBV	1222426	3395524	53.99%	10.317%

Sum of corrected areas: 32912253

31552.D GCMS0103.M Wed Feb 06 15:42:13 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1802\31552.D
Operator : 209 GALOS
Acquired : 19 Jan 2002 5:15 am using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/31
Misc Info :
Vial Number: 15
Quant File :GCMS0103.RES (RTE Integrator)



31552.D GCMS0103.M Wed Feb 06 15:42:22 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1802\31552.D
Acq On : 19 Jan 2002 5:15 am
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

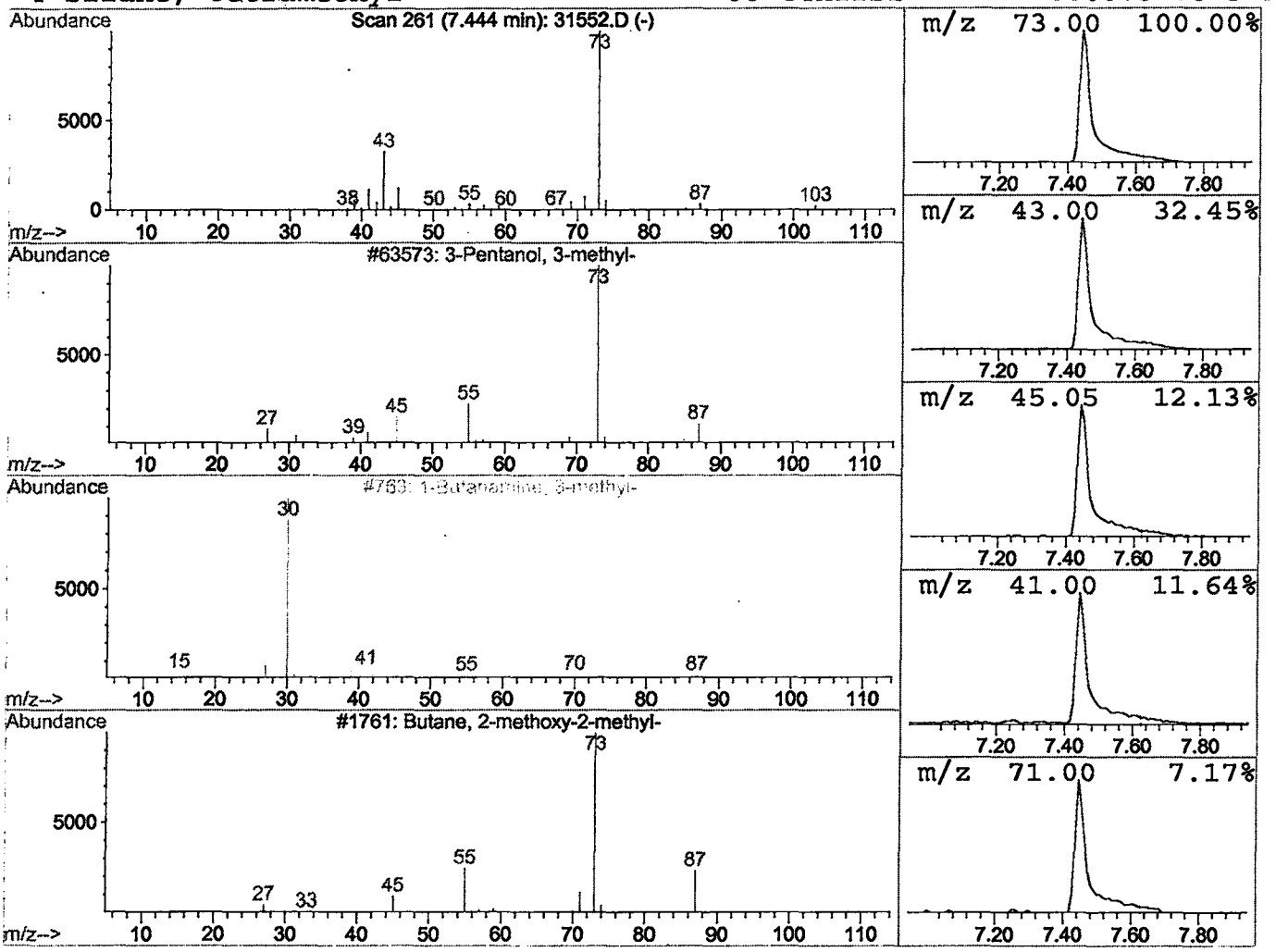
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	4.06 ug/l	1003790	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-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1802\31552.D
Acq On : 19 Jan 2002 5:15 am
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

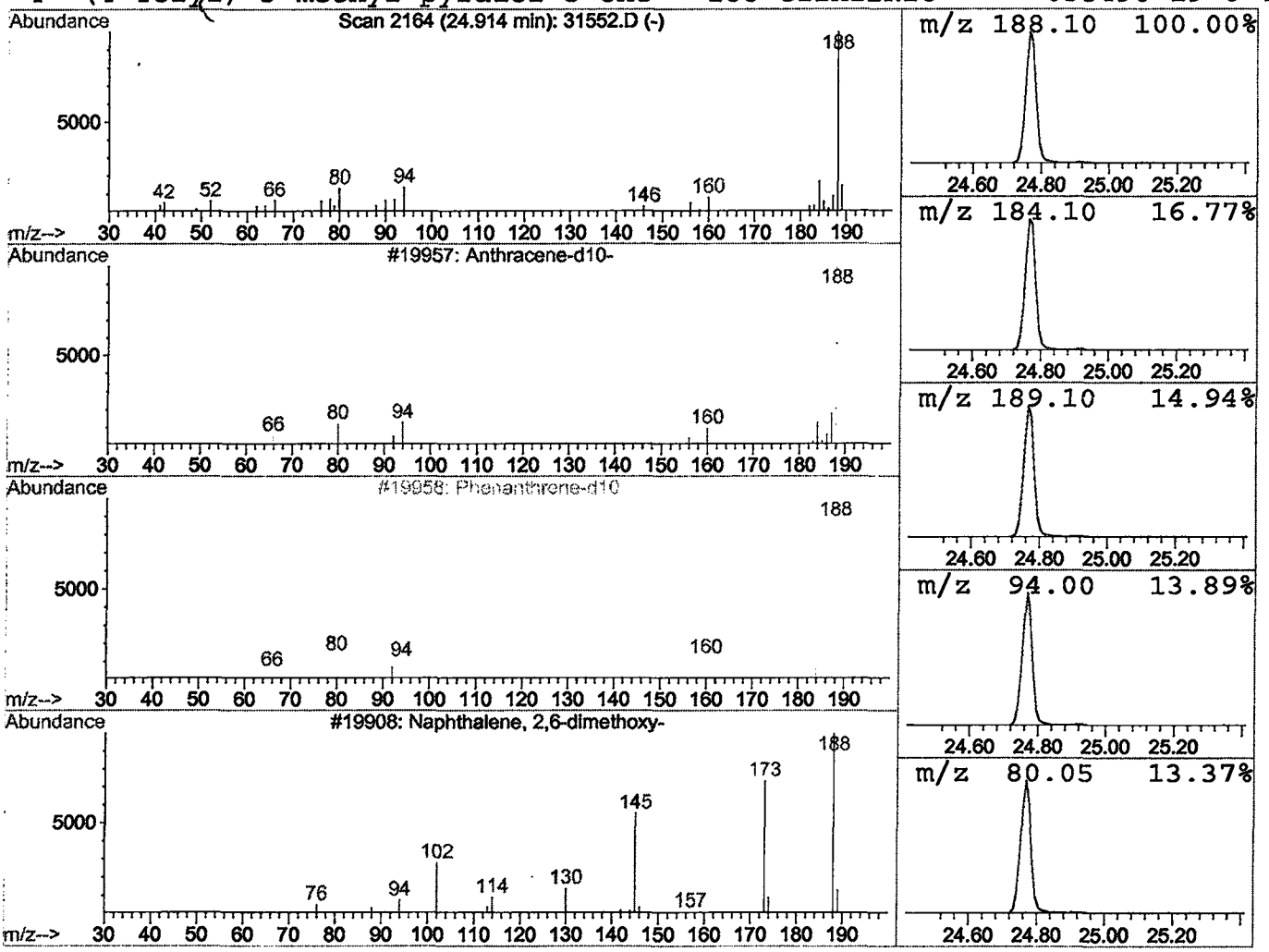
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.91	0.23 ug/l	66741	Phenanthrene-d10	24.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10- IS	188	C14D10	001719-06-8	90
2	Phenanthrene-d10	188	C14D10	001517-22-2	90
3	Naphthalene, 2,6-dimethoxy-	188	C12H12O2	005486-55-5	50
4	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	47



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 19 Jan 2002 5:15 am
Data File: C:\HPCHEM\1\DATA\JAN1802\31552.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	7.44	4.1	ug/l	1003790	ISTD01	11.50	4950010	20.0
Anthracene-d10	24.91	0.2	ug/l	66741	ISTD04	24.77	5884370	20.0

31552.D GCMS0103.M Wed Feb 06 15:42:47 2002