User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 16:02:53

Sample: AD31586
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 16:02 Ended: 2/11/02 16:02 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		98		5.0

Comments for Sample AD31586 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 16:02:56

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0302\31586.D Vial: 38
Acq On : 4 Jan 2002 10:34 pm Operator: 209 GALOS
Sample : gcms scan 1/2a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 1 9:27 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.52	152	681539	20.00	ug/l	-0.18
10) Naphthalene-d8	15.12	136	2660133	20.00	ug/l	-0.18
17) Acenaphthene-d10	20.39	164	1316736	20.00	ug/l	-0.18
29) Phenanthrene-d10	24.81	188	1790632	20.00	ug/l	-0.18
38) Chrysene-d12	32.83	240	975829	20.00	ug/l	-0.20
44) Perylene-d12	36.90	264	567417	20.00	ug/l	-0.22
System Monitoring Compounds						
37) 2,4-DDD	29.88	235	96871	4.92	ug/mL	-0.19
Spiked Amount 5.000			Recovery = 98.40%			
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	15.19	128	542	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.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	20.80	165	206	N.D.		
25) Diethylphthalate	0.00	149	0	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\JAN0302\31586.D Vial: 38
Acq On : 4 Jan 2002 10:34 pm Operator: 209 GALOS
Sample : gcms scan 1/2a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 1 9:27 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS1126

	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	24.81	178	624	N.D.	
34)	Anthracene	24.81	178	624	N.D.	
35)	Di-n-butylphthalate	26.83	149	23241	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	32.84	228	2474	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.13	149	1199	N.D.	
43)	Chrysene	32.84	228	2474	N.D.	
45)	Di-n-Octylphthalate	34.88	149	301	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	36.90	252	2391	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.	

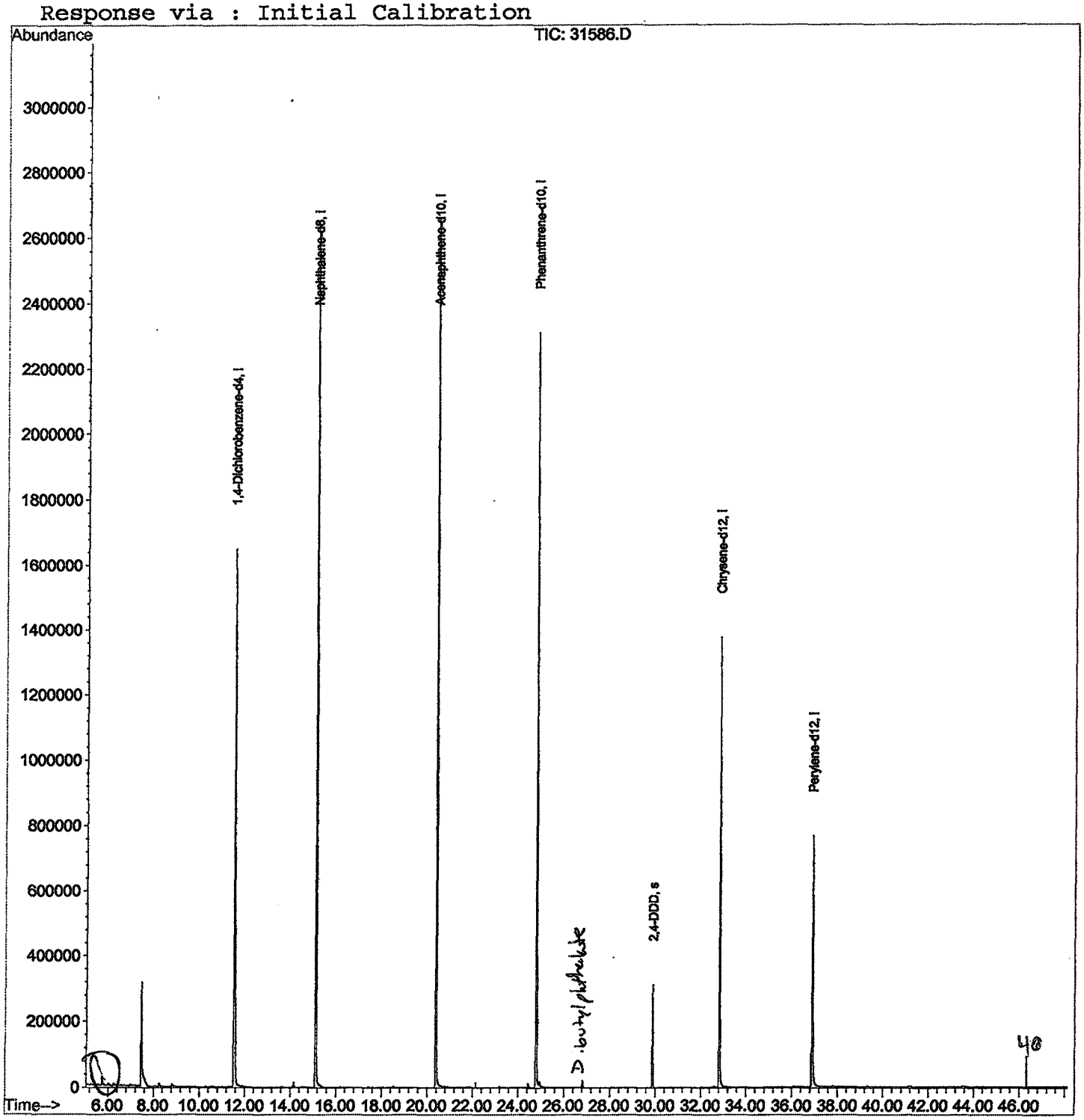
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN0302\31586.D
Acq On : 4 Jan 2002 10:34 pm
Sample : gcms scan 1/2a
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 1 9:27 2002

Vial: 38
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN0302\31586.D Vial: 38
Acq On : 4 Jan 2002 10:34 pm Operator: 209 GALOS
Sample : gcms scan 1/2a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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

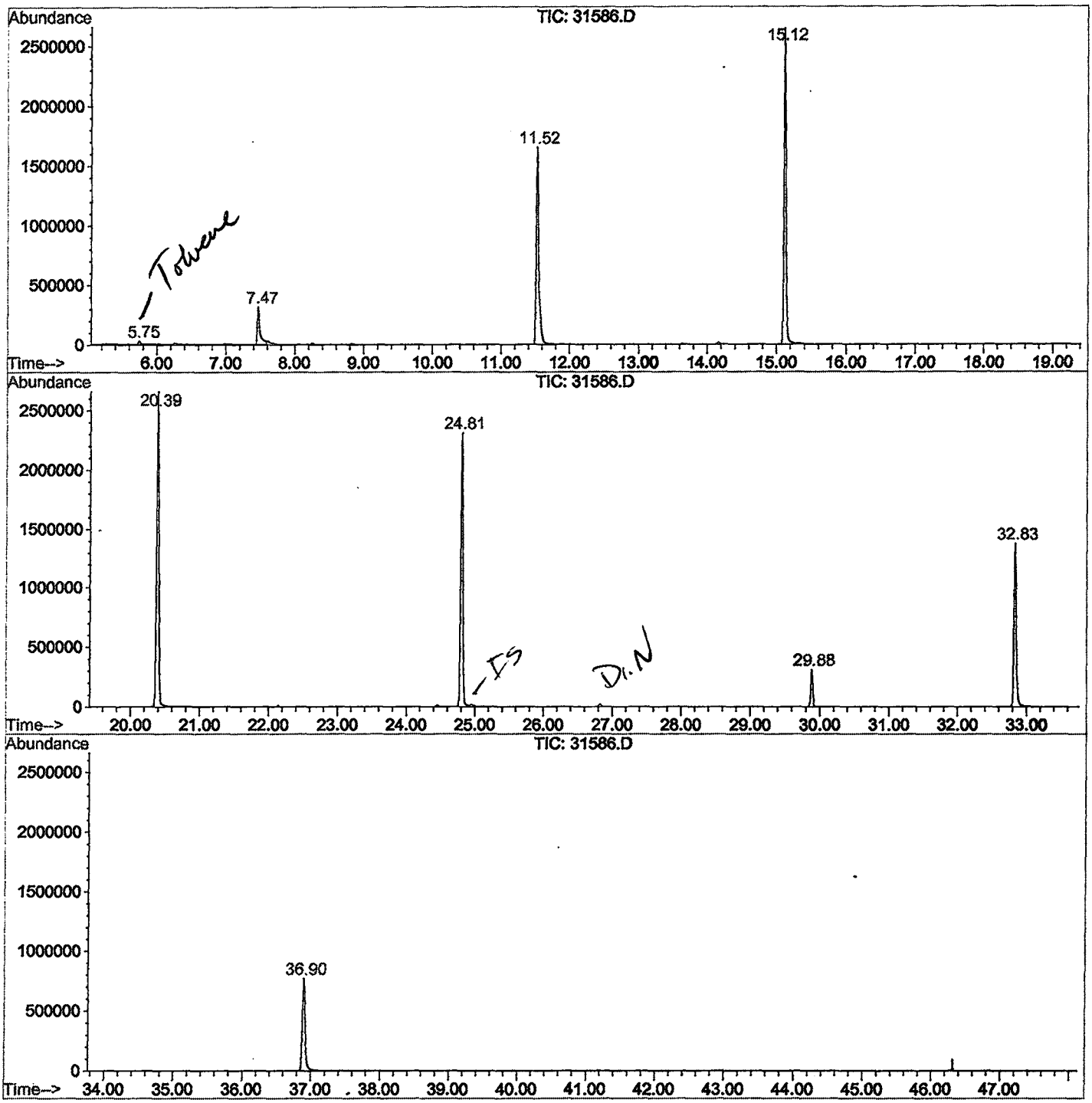
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.749	73	77	82	rBV	27707	57615	1.04%	0.214%
2	7.465	260	264	277	rBV	314358	841876	15.21%	3.124%
3	11.523	701	706	724	rBV	1649930	4216293	76.17%	15.645%
4	15.122	1092	1098	1116	rBV	2643544	5422066	97.95%	20.120%
5	20.391	1666	1672	1690	rBV	2661189	5535616	100.00%	20.541%
6	24.807	2147	2153	2165	rBV2	2310946	5015522	90.60%	18.611%
7	29.884	2701	2706	2712	rBV	310836	603277	10.90%	2.239%
8	32.831	3021	3027	3055	rBV2	1377873	3161879	57.12%	11.733%
9	36.897	3463	3470	3489	rBV	766439	2094865	37.84%	7.773%

Sum of corrected areas: 26949009

31586.D GCMS1126.M Fri Feb 01 11:10:48 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0302\31586.D
Operator : 209 GALOS
Acquired : 4 Jan 2002 10:34 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 1/2a
Misc Info :
Vial Number: 38
Quant File :GCMS1126.RES (RTE Integrator)



31586.D GCMS1126.M Fri Feb 01 11:10:53 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\31586.D
Acq On : 4 Jan 2002 10:34 pm
Sample : gcms scan 1/2a
Misc :
MS Integration Params: LSCINT.P

Vial: 38
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

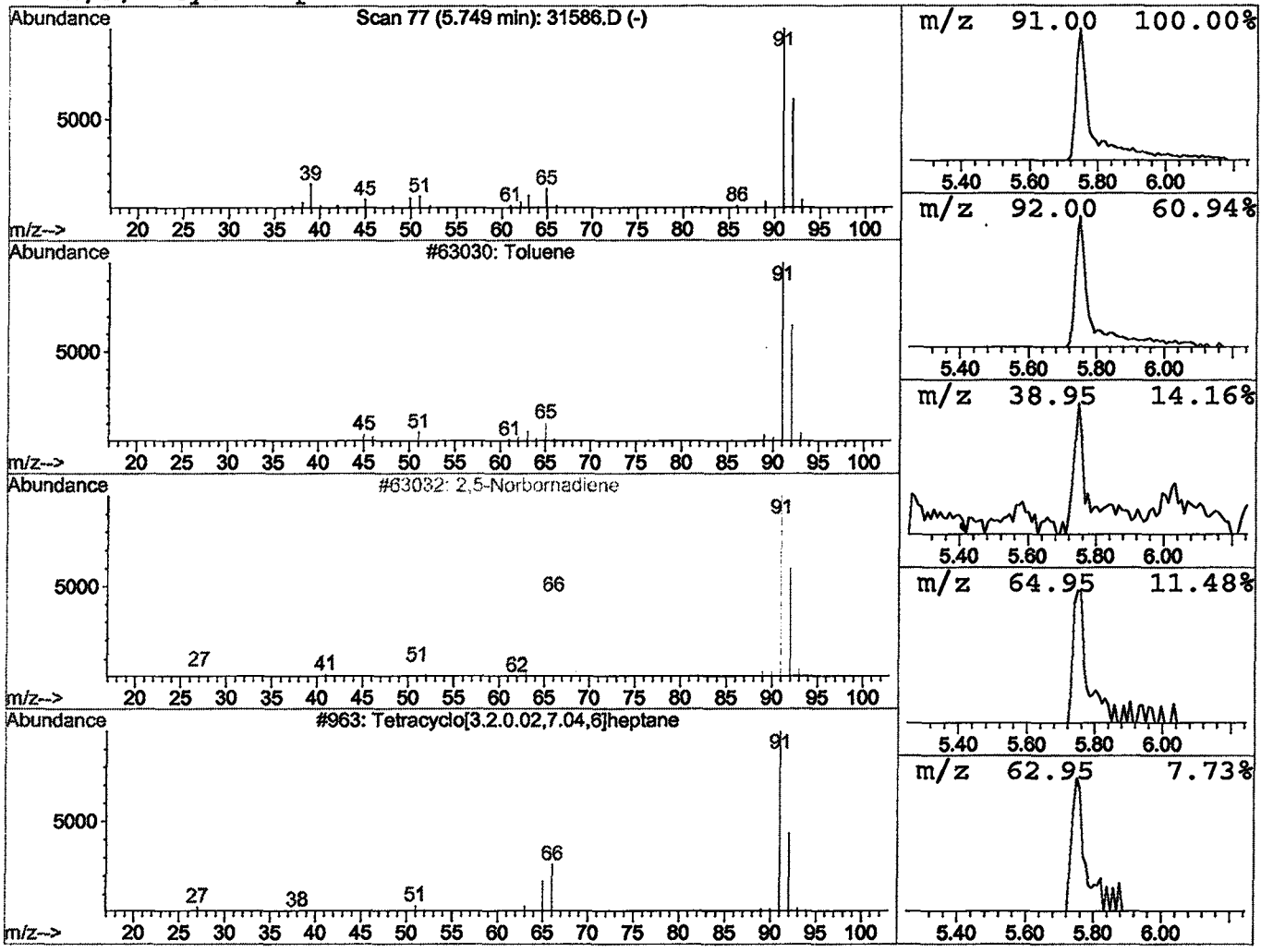
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Toluene — Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	0.27 ug/l	57615	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	91
2	2,5-Norbornadiene	92	C7H8	000121-46-0	59
3	Tetracyclo[3.2.0.02,7.04,6]heptane	92	C7H8	000278-06-8	59
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	53



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\31586.D
Acq On : 4 Jan 2002 10:34 pm
Sample : gcms scan 1/2a
Misc :
MS Integration Params: LSCINT.P

Vial: 38
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

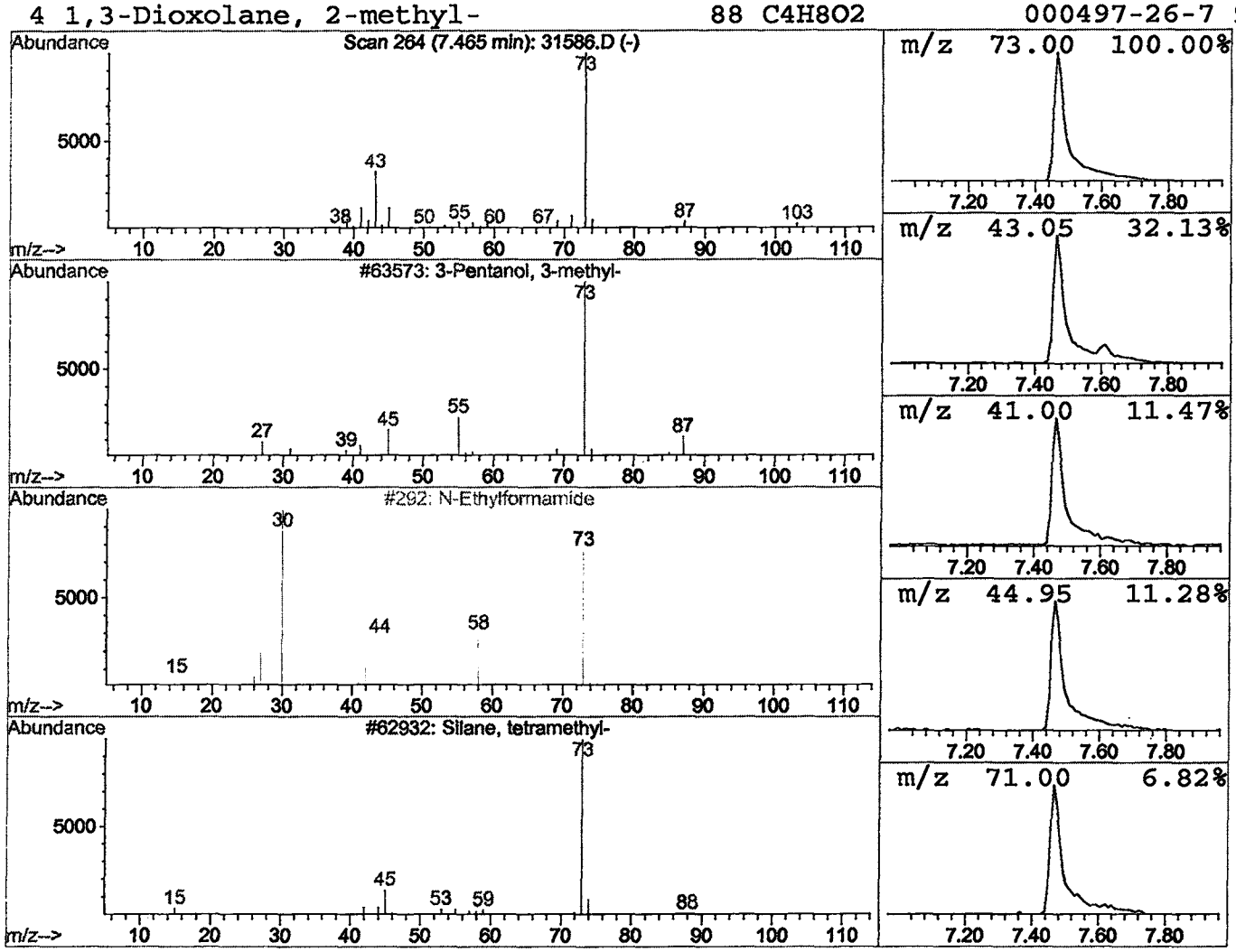
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 3-Pentanol, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	3.99 ug/l	841876	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 4 Jan 2002 10:34 pm
Data File: C:\HPCHEM\1\DATA\JAN0302\31586.D
Name: gcms scan 1/2a
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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
Toluene	5.75	0.3	ug/l	57615	ISTD01	11.52	4216290	20.0
3-Pentanol, 3-methyl	7.47	4.0	ug/l	841876	ISTD01	11.52	4216290	20.0

31586.D GCMS1126.M Fri Feb 01 11:11:07 2002