User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/24/2002 Time: 15:51:24

Sample: AD30473
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/24/02 15:51 Ended: 1/24/02 15:51 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		106		5.0

Comments for Sample AD30473 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-24-2002 Time: 15:51:27

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 4 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\30473.D Vial: 14
Acq On : 31 Dec 2001 11:37 pm Operator: 209 GALOS
Sample : gcms scan 12/14fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 23 8:10 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.68	152	789032m	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3090500m	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1648875	20.00	ug/l	-0.01
29) Phenanthrene-d10	24.99	188	2319057	20.00	ug/l	0.00
38) Chrysene-d12	33.02	240	1437200	20.00	ug/l	-0.01
44) Perylene-d12	37.12	264	770518	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.07	235	135545	5.32	ug/mL	0.00
Spiked Amount 5.000			Recovery = 106.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.35	74	112	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	11.59	146	5320	N.D.		
5) 1,4-Dichlorobenzene	11.72	146	7091	N.D.		
6) 1,2-Dichlorobenzene	12.25	146	3689	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	13.07	117	3138	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	15.19	180	1600	N.D.		
15) Naphthalene	15.34	128	4021	N.D.		
16) Hexachlorobutadiene	15.90	225	3095	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	20.65	153	728	N.D.		
24) 2,4-Dinitrotoluene	21.25	165	291	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\DEC3101\30473.D Vial: 14
Acq On : 31 Dec 2001 11:37 pm Operator: 209 GALOS
Sample : gcms scan 12/14fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 23 8:10 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

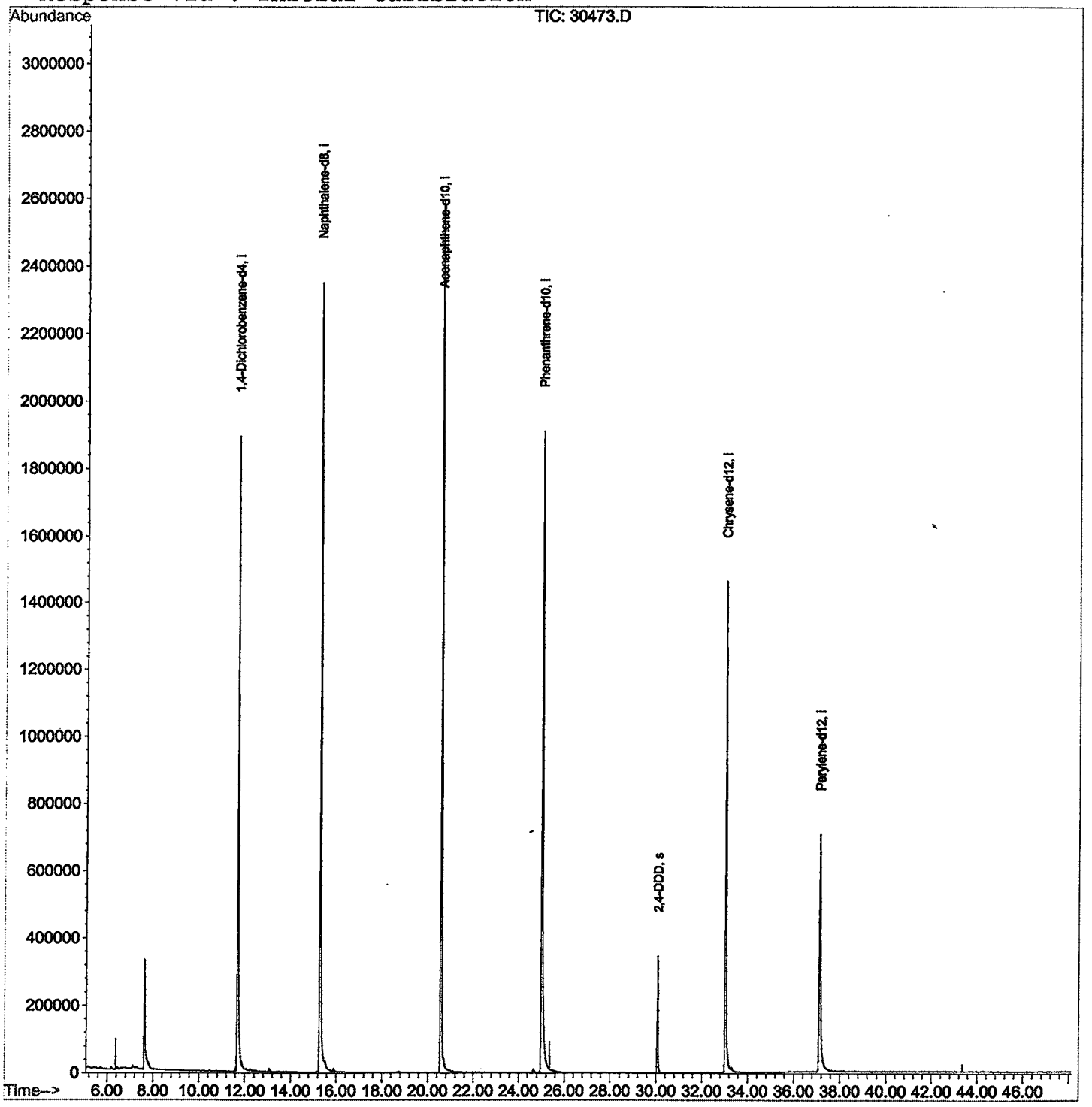
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.06	178	181	N.D.	
34)	Anthracene	25.06	178	181	N.D.	
35)	Di-n-butylphthalate	27.06	149	2427	N.D.	
36)	Fluoranthene	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	33.02	228	3886	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.31	149	5901	N.D.	
43)	Chrysene	33.02	228	3886	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	37.12	252	2744	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\DEC3101\30473.D Vial: 14
Acq On : 31 Dec 2001 11:37 pm Operator: 209 GALOS
Sample : gcms scan 12/14fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 23 8:10 2002 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 12:09:43 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30473.D Vial: 14
Acq On : 31 Dec 2001 11:37 pm Operator: 209 GALOS
Sample : gcms scan 12/14fb 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

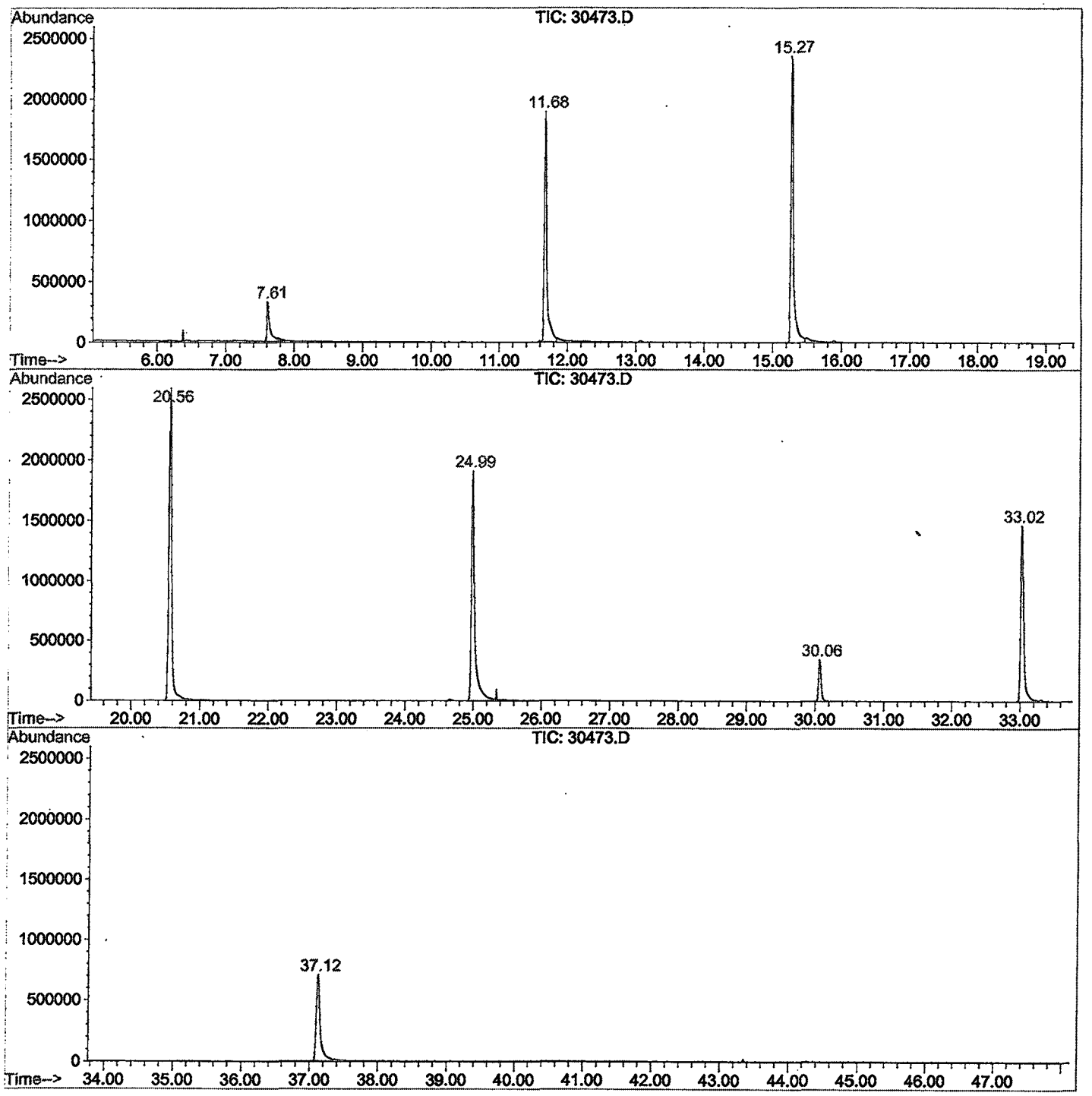
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.609	275	279	309	rBV	325215	1093212	15.72%	3.219%
2	11.676	717	722	740	rBV	1889735	4941290	71.06%	14.548%
3	15.275	1109	1114	1135	rBV	2348754	6307103	90.70%	18.570%
4	20.563	1683	1690	1727	rBV	2594670	6954089	100.00%	20.475%
5	24.988	2165	2172	2206	rBV2	1909069	6445572	92.69%	18.978%
6	30.064	2719	2725	2741	rBV	345168	839442	12.07%	2.472%
7	33.020	3041	3047	3074	rBV2	1462153	4584641	65.93%	13.498%
8	37.124	3486	3494	3518	rBV	703414	2798917	40.25%	8.241%

Sum of corrected areas: 33964266

30473.D GCMS1126.M Wed Jan 16 08:24:32 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC3101\30473.D
Operator : 209 GALOS
Acquired : 31 Dec 2001 11:37 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/14fb
Misc Info :
Vial Number: 14
Quant File :GCMS1126.RES (RTE Integrator)



30473.D GCMS1126.M Wed Jan 16 08:24:38 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30473.D
Acq On : 31 Dec 2001 11:37 pm
Sample : gcms scan 12/14fb
Misc :
MS Integration Params: LSCINT.P

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

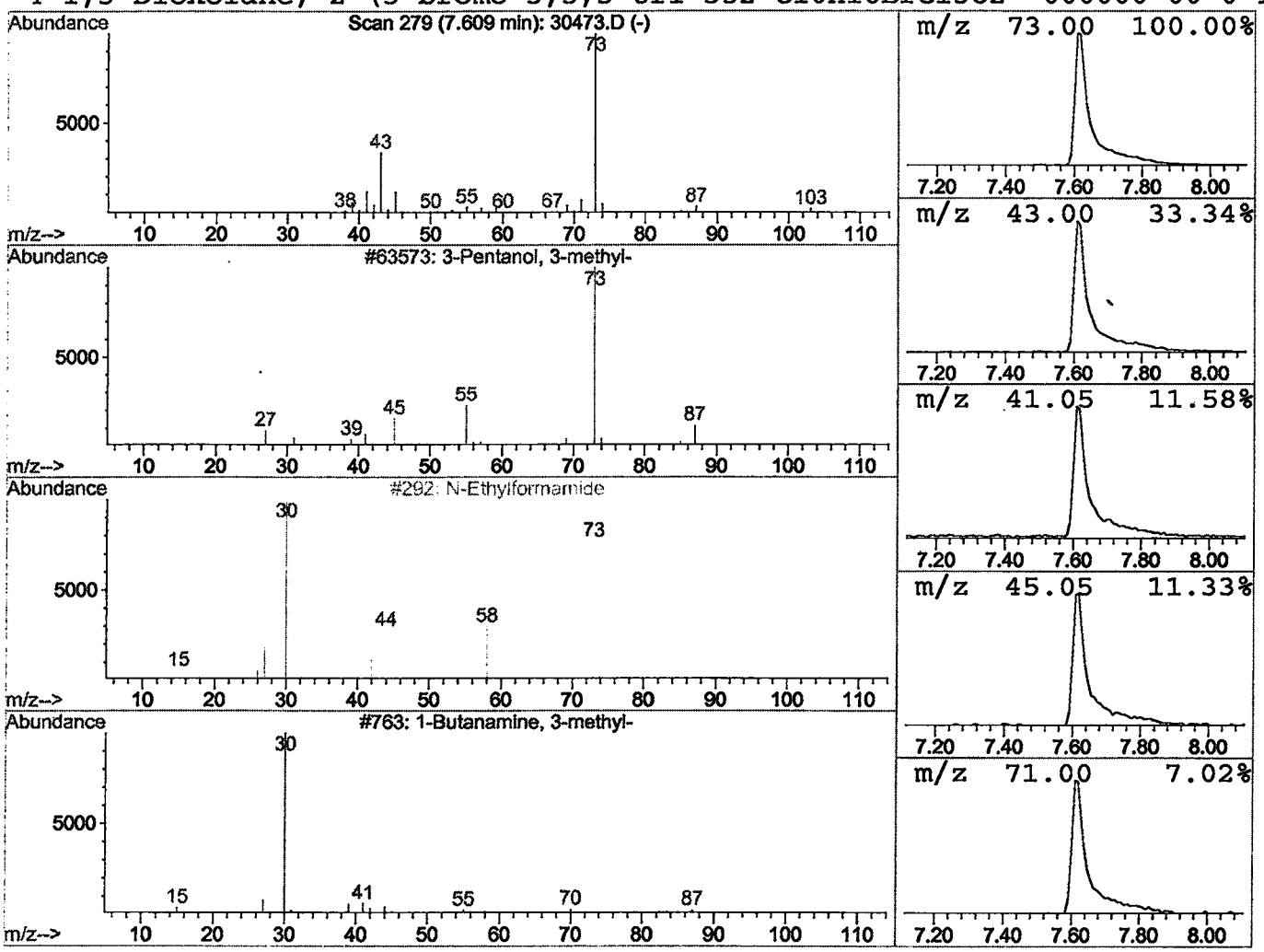
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	3.14 ug/l	1093210	Acenaphthene-d10	20.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30473.D Vial: 14
Acq On : 31 Dec 2001 11:37 pm Operator: 209 GALOS
Sample : gcms scan 12/14fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

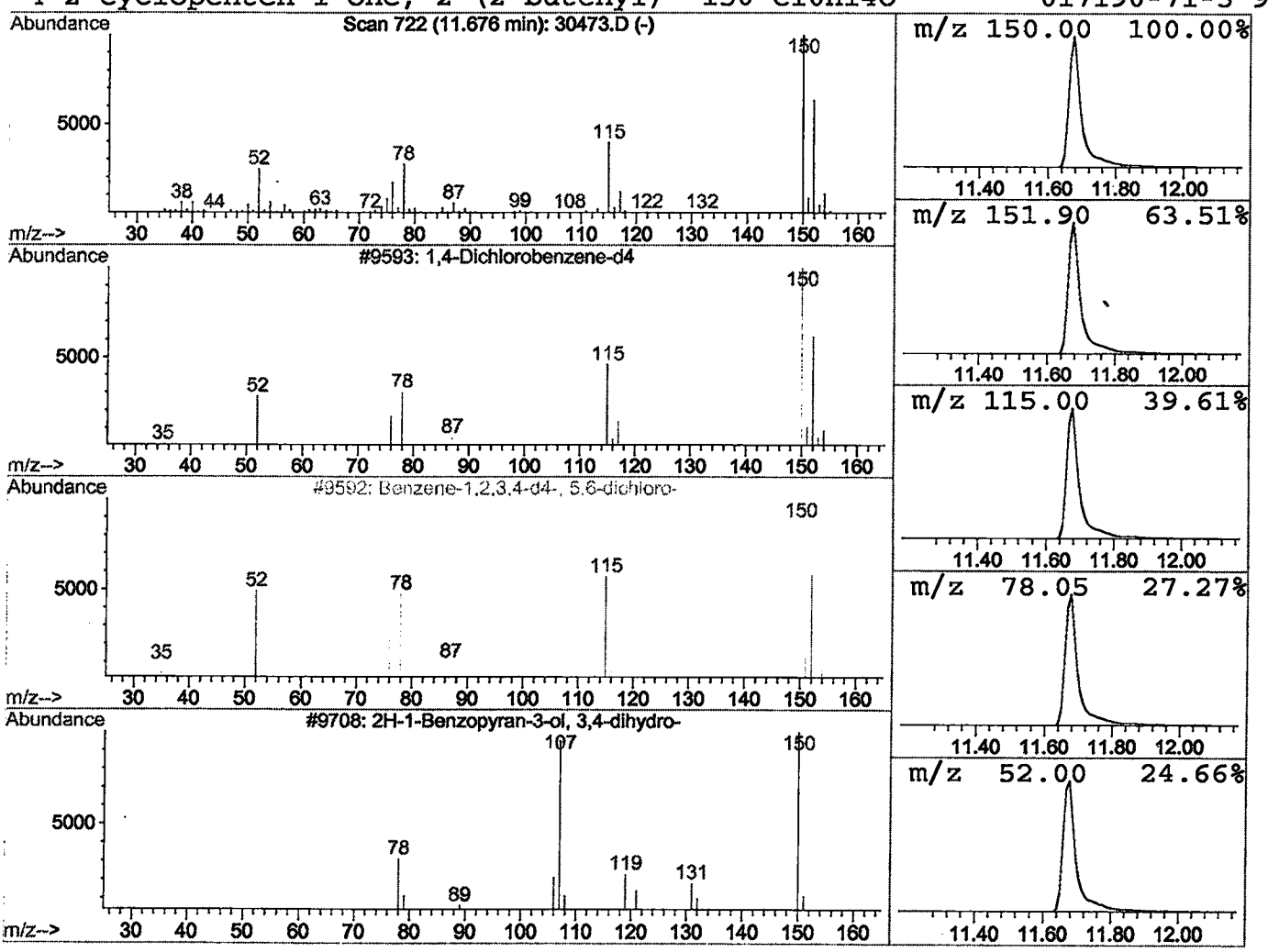
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1,4-Dichlorobenzene-d4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	14.21 ug/l	4941290	Acenaphthene-d10	20.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	94
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	59
3	2H-1-Benzopyran-3-ol, 3,4-dihydro-	150	C9H10O2	021834-60-6	9
4	2-Cyclopenten-1-one, 2-(2-butenyl)-	150	C10H14O	017190-71-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30473.D
Acq On : 31 Dec 2001 11:37 pm
Sample : gcms scan 12/14fb
Misc :
MS Integration Params: LSCINT.P

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

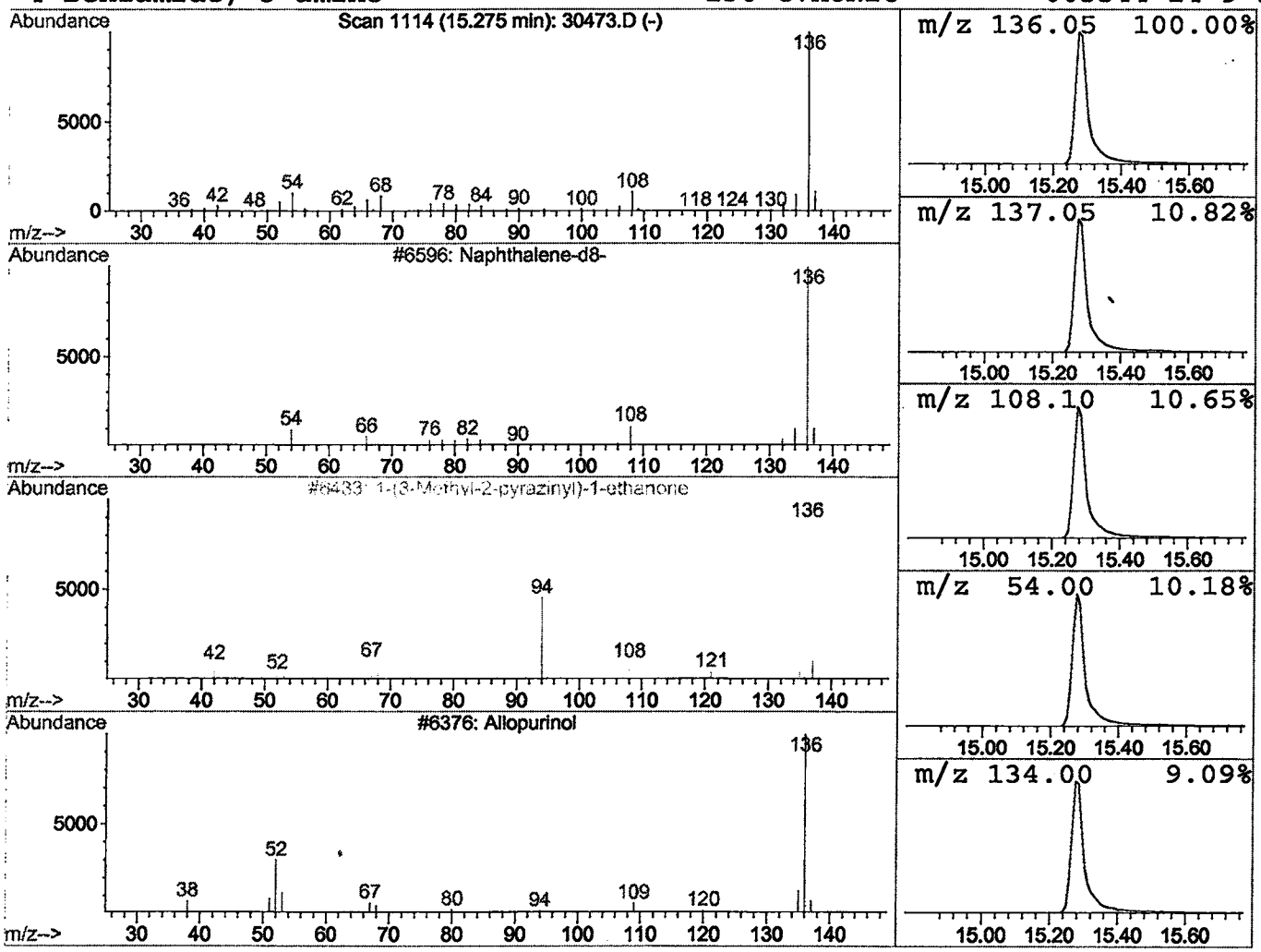
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Naphthalene-d8- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	18.14 ug/l	6307100	Acenaphthene-d10	20.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene-d8-	136	C10D8	001146-65-2	97
2	1-(3-Methyl-2-pyrazinyl)-1-ethanone	136	C7H8N2O	000000-00-0	59
3	Allopurinol	136	C5H4N4O	000315-30-0	40
4	Benzamide, 3-amino-	136	C7H8N2O	003544-24-9	36



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 31 Dec 2001 11:37 pm
Data File: C:\HPCHEM\1\DATA\DEC3101\30473.D
Name: gcms scan 12/14fb
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
3-Pentanol, 3-methyl	7.61	3.1	ug/l	1093210	ISTD01	20.56	6954090	20.0
1,4-Dichlorobenzene-	11.68	14.2	ug/l	4941290	ISTD01	20.56	6954090	20.0
Naphthalene-d8-	15.27	18.1	ug/l	6307100	ISTD01	20.56	6954090	20.0

30473.D GCMS1126.M Wed Jan 16 08:24:57 2002