User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 15:48:34

Sample: AD28229
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 09:43 Ended: 1/9/02 09:43 Analyst: MG
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		74		5.0

Comments for Sample AD28229 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 01-09-2002 Time: 09:43:51

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV2601\28229.D Vial: 15
Acq On : 28 Nov 2001 6:57 am Operator: 209 GALOS
Sample : 11/20 scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 31 14:40 2001 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 : NP103001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.69	152	1110749	20.00	ug/l	0.00
10) Naphthalene-d8	15.30	136	4155139	20.00	ug/l	0.00
17) Acenaphthene-d10	20.58	164	1972602	20.00	ug/l	0.00
29) Phenanthrene-d10	25.00	188	2566138	20.00	ug/l	0.00
38) Chrysene-d12	33.02	240	1020560	20.00	ug/l	-0.01
44) Perylene-d12	37.11	264	599212	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.07	235	104972	3.72	ug/mL	0.00
Spiked Amount 5.000			Recovery = 74.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.19	74	572	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	13.00	77	196	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	15.36	128	1097	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	21.01	165	457	N.D.		
25) Diethylphthalate	22.10	149	633	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)

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Acq On : 28 Nov 2001 6:57 am Operator: 209 GALOS
Sample : 11/20 scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
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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 : NP103001

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	25.00	178	1135	N.D.	
34) Anthracene	25.00	178	1135	N.D.	
35) Di-n-butylphthalate	27.01	149	63267	0.35 ug/l	99
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	2441	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.30	149	2281	N.D.	
43) Chrysene	33.02	228	2441	N.D.	
45) Di-n-Octylphthalate	35.03	149	354	N.D.	
46) Benzo(b)fluoranthene	36.14	252	346	N.D.	
47) Benzo(k)fluoranthene	36.14	252	346	N.D.	
48) Benzo(a)pyrene	36.96	252	184	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.	

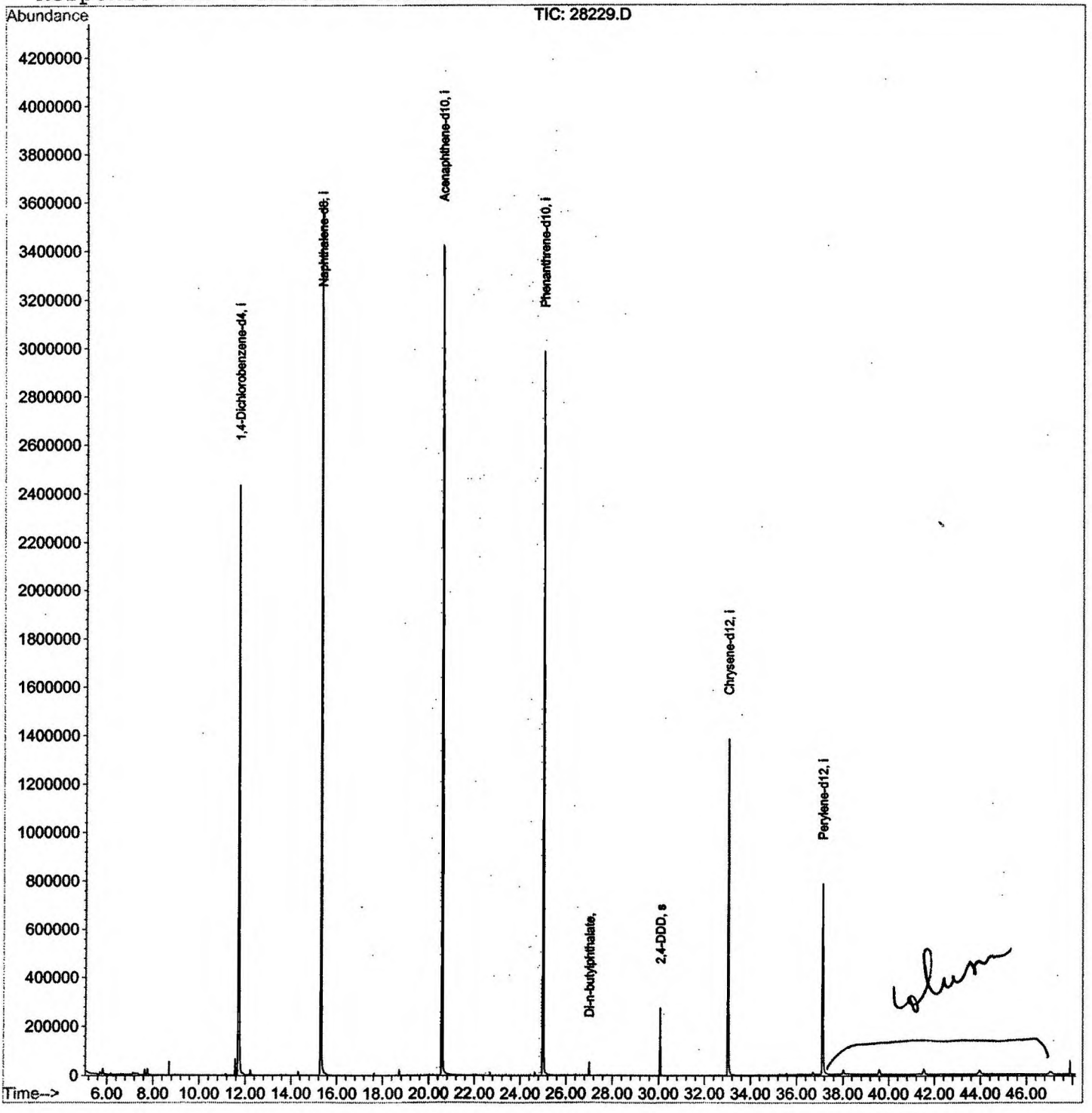
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28229.D
Acq On : 28 Nov 2001 6:57 am
Sample : 11/20 scan
Misc :
MS Integration Params: GOOFY.P
Quant Time: Dec 31 14:40 2001

Vial: 15
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 : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28229.D Vial: 15
Acq On : 28 Nov 2001 6:57 am Operator: 209 GALOS
Sample : 11/20 scan 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

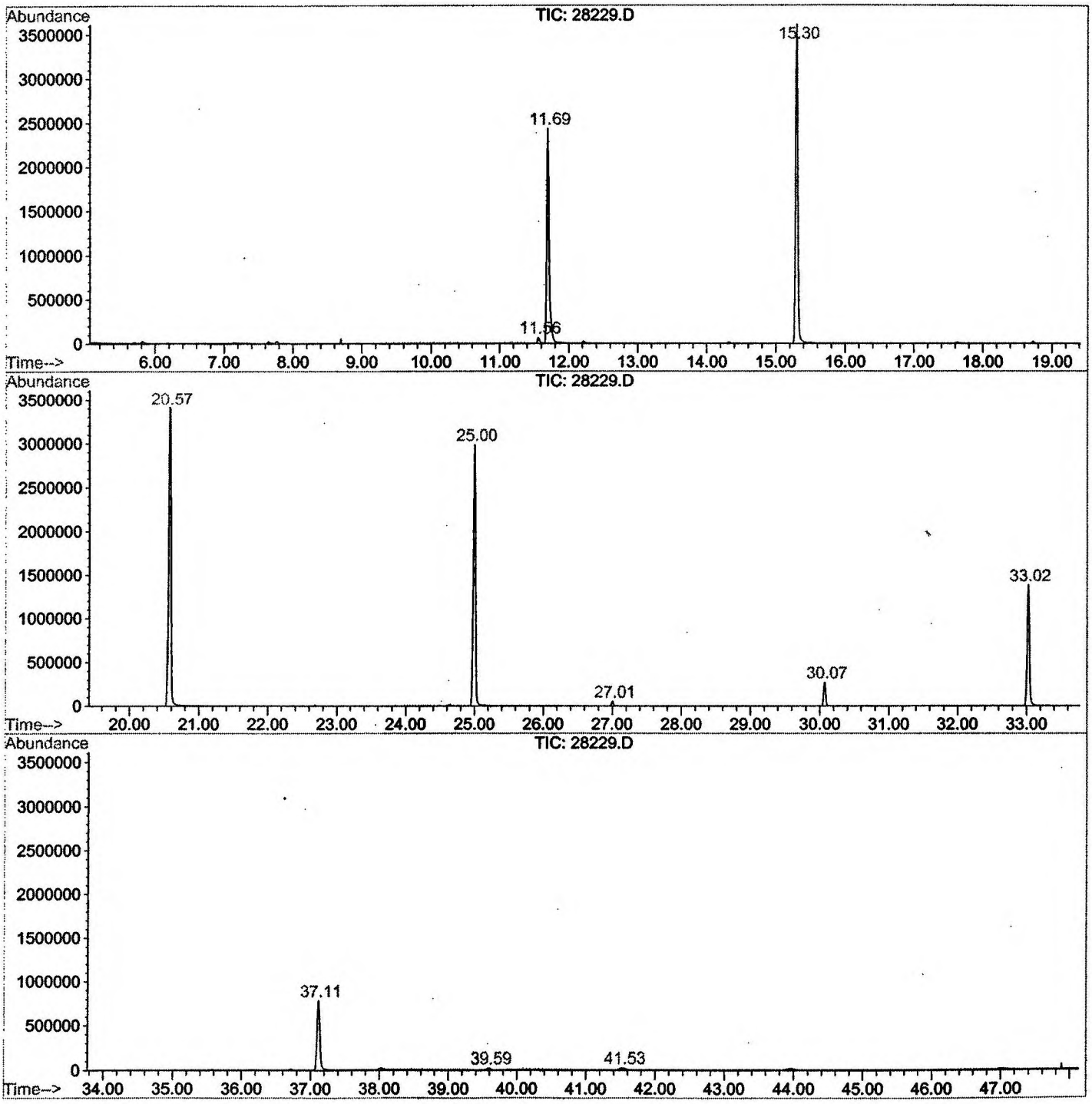
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	11.556	705	709	719	rBV	66518	152645	1.97%	0.448%
2	11.694	719	724	741	rBV	2433342	5805696	74.86%	17.028%
3	15.302	1111	1117	1135	rBV	3614048	7636036	98.46%	22.396%
4	20.571	1685	1691	1711	rBV	3421386	7755587	100.00%	22.747%
5	24.996	2166	2173	2186	rBV2	2984954	6539632	84.32%	19.181%
6	27.007	2385	2392	2397	rBV	53866	103747	1.34%	0.304%
7	30.073	2720	2726	2733	rBV	273601	551148	7.11%	1.617%
8	33.020	3041	3047	3062	rBV2	1382153	3199811	41.26%	9.385%
9	37.114	3486	3493	3512	rBV	780456	2168102	27.96%	6.359%
10	39.593	3755	3763	3773	rBV4	18526	80854	1.04%	0.237%
11	41.530	3965	3974	3984	rBV2	19872	101588	1.31%	0.298%

Sum of corrected areas: 34094846

28229.D GCMS1126.M Thu Jan 03 12:45:51 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV2601\28229.D
Operator : 209 GALOS
Acquired : 28 Nov 2001 6:57 am using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: 11/20 scan
Misc Info :
Vial Number: 15
Quant File :GCMS1126.RES (RTE Integrator)



28229.D GCMS1126.M Thu Jan 03 12:45:56 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28229.D
Acq On : 28 Nov 2001 6:57 am
Sample : 11/20 scan
Misc :
MS Integration Params: LSCINT.P

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

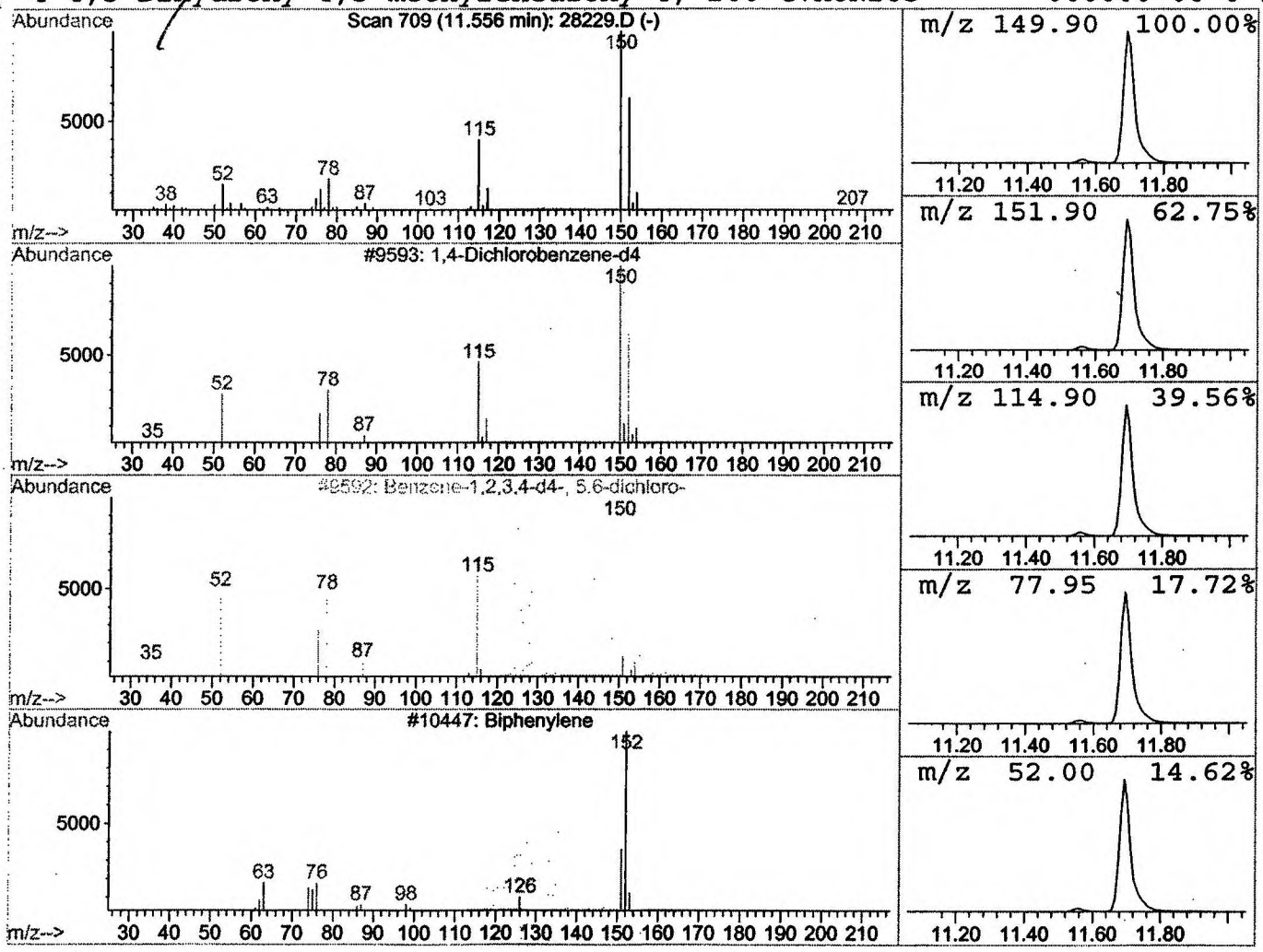
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,4-Dichlorobenzene-d4 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	0.53 ug/l	152645	1,4-Dichlorobenzene-d4	11.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	47
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	13
3	Biphenylene	152	C12H8	000259-79-0	9
4	4,5-Dihydroxy-4,5-methylenedioxy-4,	200	C7H8N2O5	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28229.D
Acq On : 28 Nov 2001 6:57 am
Sample : 11/20 scan
Misc :
MS Integration Params: LSCINT.P

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

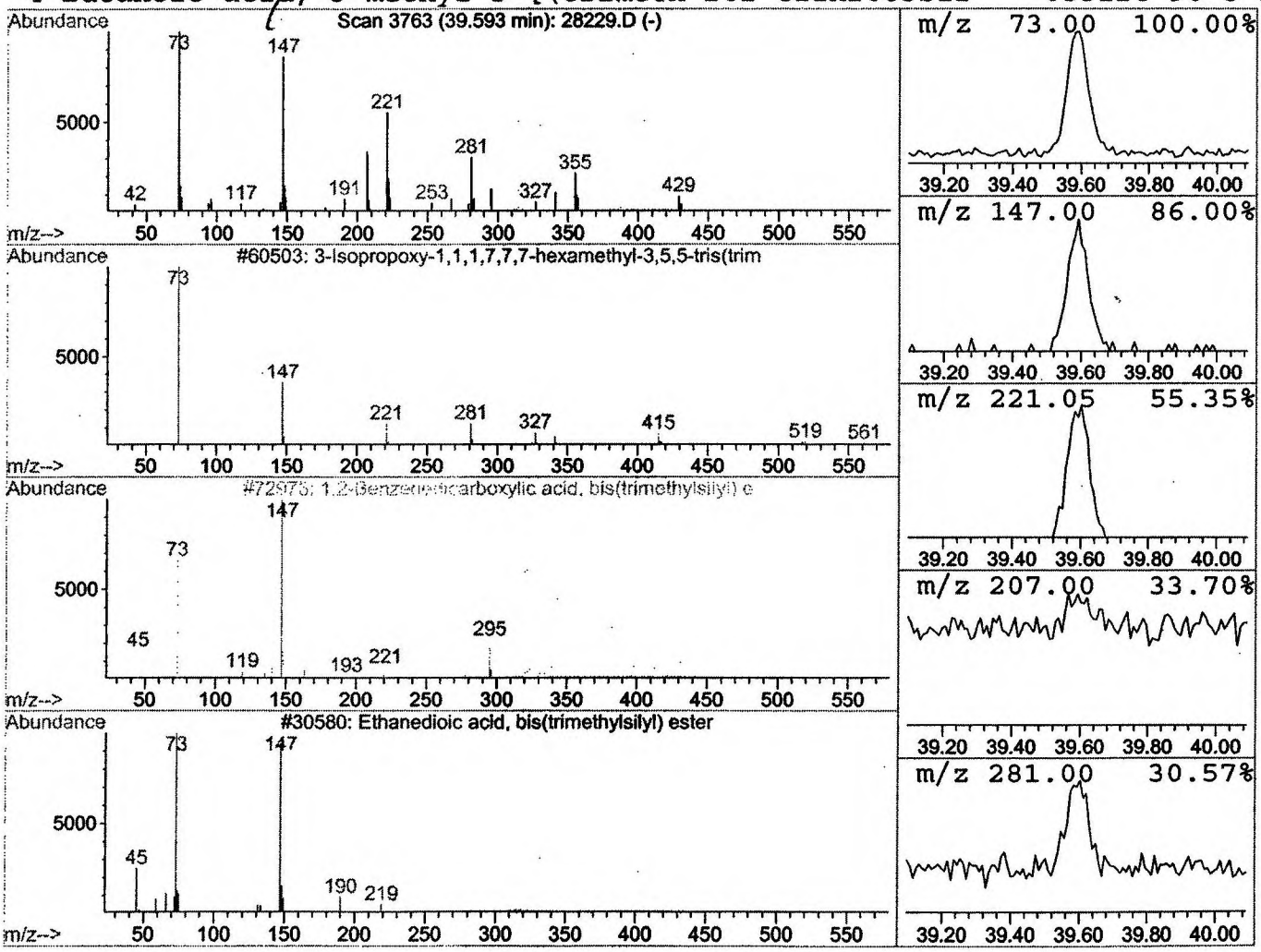
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.59	0.75 ug/l	80854	Perylene-d12	37.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	28
2	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	25
3	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	12
4	Butanoic acid, 3-methyl-3-[(trimeth	262	C11H26O3Si2	055124-90-8	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28229.D Vial: 15
Acq On : 28 Nov 2001 6:57 am Operator: 209 GALOS
Sample : 11/20 scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

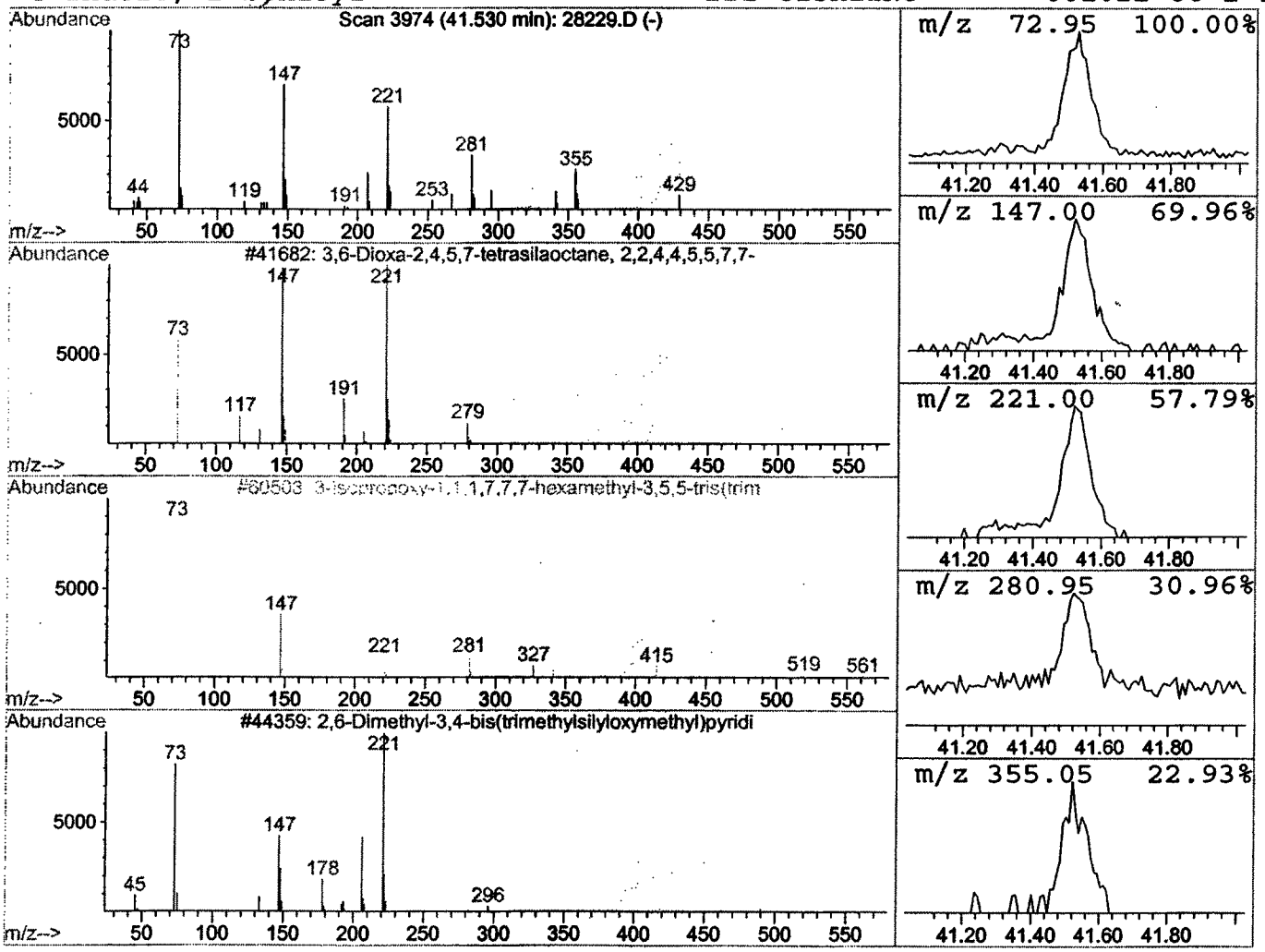
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3,6-Dioxa-2,4,5,7-tetrasilaoct Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
41.53	0.94 ug/l	101588	Perylene-d12	37.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	32
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	28
3	2,6-Dimethyl-3,4-bis(trimethylsilyl	311	C15H29NO2Si2	000000-00-0	16
4	Indole, 2-benzoyl-	221	C15H11NO	001022-86-2	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 28 Nov 2001 6:57 am
Data File: C:\HPCHEM\1\DATA\NOV2601\28229.D
Name: 11/20 scan
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
1,4-Dichlorobenzene-	11.56	0.5	ug/l	152645	ISTD01	11.69	5805700	20.0
3-Isopropoxy-1,1,1,7	39.59	0.7	ug/l	80854	ISTD06	37.11	2168100	20.0
3,6-Dioxa-2,4,5,7-te	41.53	0.9	ug/l	101588	ISTD06	37.11	2168100	20.0

28229.D GCMS1126.M Thu Jan 03 12:46:16 2002