User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/22/2002 Time: 10:07:58

Sample: AD29228
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/22/02 10:07 Ended: 1/22/02 10:07 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 AD29228 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-22-2002 Time: 10:10:01

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was above its acceptance range.

Quantitation Report (~~Not~~ Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0302\29228.D Vial: 20
Acq On : 4 Jan 2002 5:04 am Operator: 209 GALOS
Sample : gcms scan 1/2 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 4 5:53 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	11.80	152	1931	20.00	ug/l	0.11
10) Naphthalene-d8	15.12	136	3151145	20.00	ug/l	-0.19
17) Acenaphthene-d10	20.39	164	1565598	20.00	ug/l	-0.19
29) Phenanthrene-d10	24.80	188	2187790	20.00	ug/l	-0.19
38) Chrysene-d12	32.84	240	1287564	20.00	ug/l	-0.20
44) Perylene-d12	36.90	264	763985	20.00	ug/l	-0.22
System Monitoring Compounds						
37) 2,4-DDD	29.88	235	114231	4.75	ug/mL	-0.19
Spiked Amount 5.000			Recovery =	95.00%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.11	74	213	~~2.51 ug/l~~	#	1
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	15.17	128	1222	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	20.78	165	432	N.D.		
25) Diethylphthalate	21.93	149	317	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 (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0302\29228.D Vial: 20
Acq On : 4 Jan 2002 5:04 am Operator: 209 GALOS
Sample : gcms scan 1/2 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 4 5:53 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

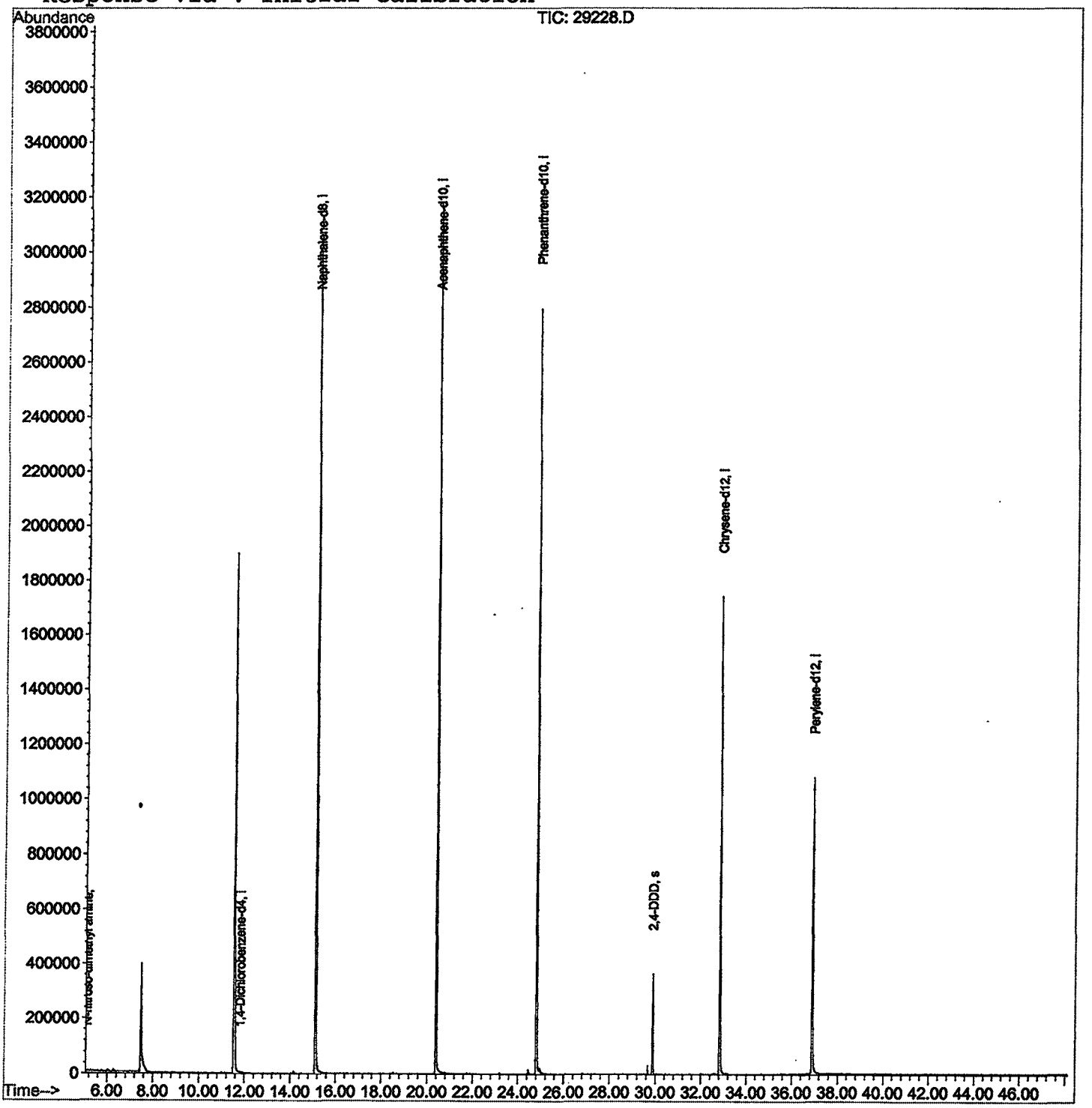
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.88	178	230	N.D.	
34)	Anthracene	24.88	178	230	N.D.	
35)	Di-n-butylphthalate	26.83	149	3434	N.D.	
36)	Fluoranthene	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	32.83	228	3350	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.13	149	1359	N.D.	
43)	Chrysene	32.91	228	356	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	35.88	252	1423	N.D.	
47)	Benzo(k)fluoranthene	35.94	252	749	N.D.	
48)	Benzo(a)pyrene	36.74	252	237	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\29228.D Vial: 20
Acq On : 4 Jan 2002 5:04 am Operator: 209 GALOS
Sample : gcms scan 1/2 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 4 5:53 2002 Quant Results File: GCMS1126.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\JAN0302\29228.D Vial: 20
Acq On : 4 Jan 2002 5:04 am Operator: 209 GALOS
Sample : gcms scan 1/2 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

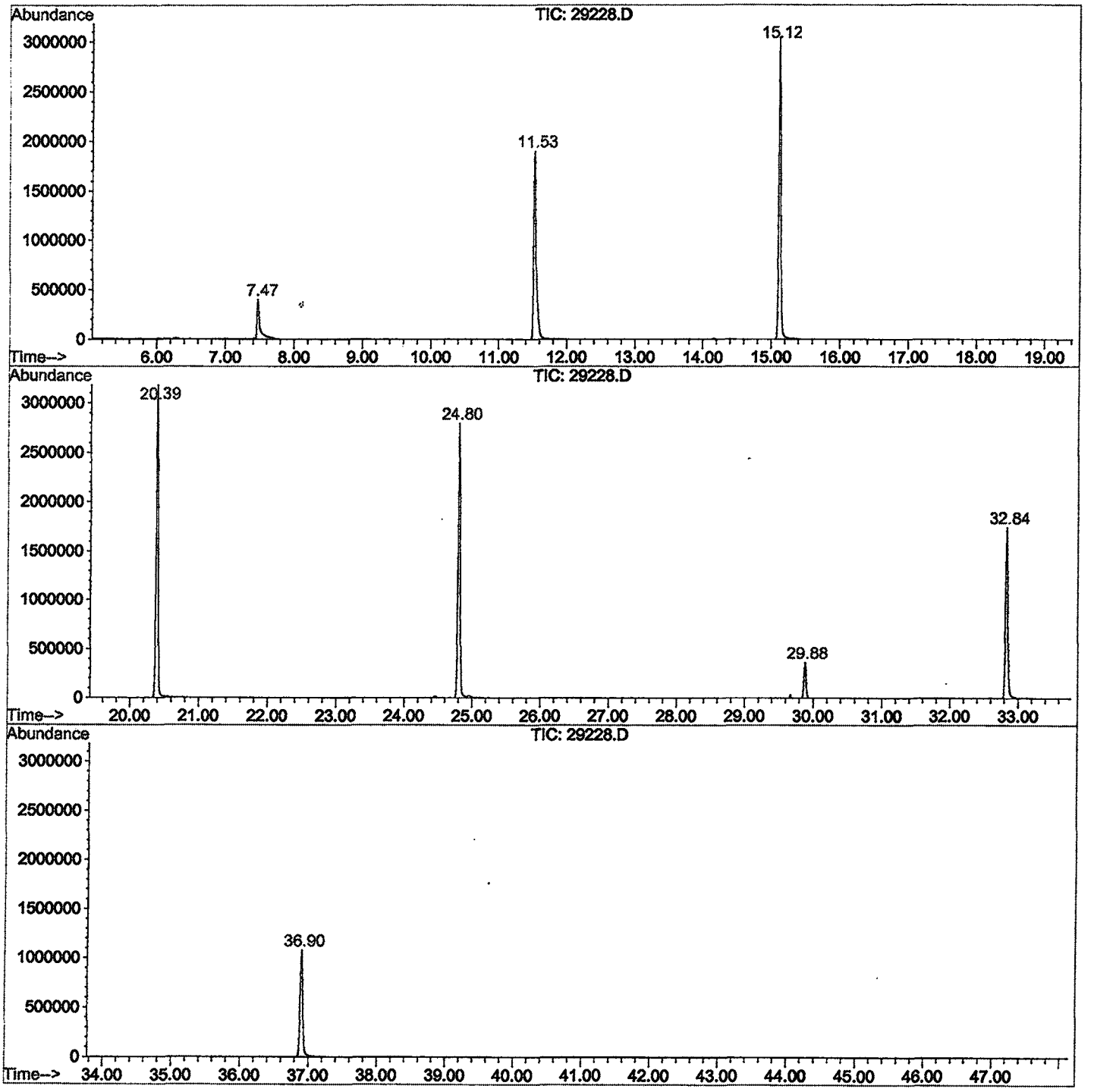
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.471	260	264	296	rVB	394551	1172422	17.91%	3.552%
2	11.529	701	706	726	rBV	1898166	4996468	76.35%	15.139%
3	15.118	1092	1097	1116	rBV	3040859	6412075	97.98%	19.429%
4	20.388	1665	1671	1687	rBV	3181290	6544408	100.00%	19.830%
5	24.804	2146	2152	2164	rBV2	2795757	6137198	93.78%	18.596%
6	29.880	2700	2705	2711	rBV	364109	715534	10.93%	2.168%
7	32.836	3020	3027	3046	rBV2	1742414	4162709	63.61%	12.613%
8	36.903	3462	3470	3487	rBV	1076067	2862444	43.74%	8.673%

Sum of corrected areas: 33003258

29228.D GCMS0103.M Fri Jan 11 08:28:04 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0302\29228.D
Operator : 209 GALOS
Acquired : 4 Jan 2002 5:04 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 1/2
Misc Info :
Vial Number: 20
Quant File :GCMS1126.RES (RTE Integrator)



29228.D GCMS0103.M Fri Jan 11 08:28:10 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\29228.D
Acq On : 4 Jan 2002 5:04 am
Sample : gcms scan 1/2
Misc :
MS Integration Params: LSCINT.P

Vial: 20
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

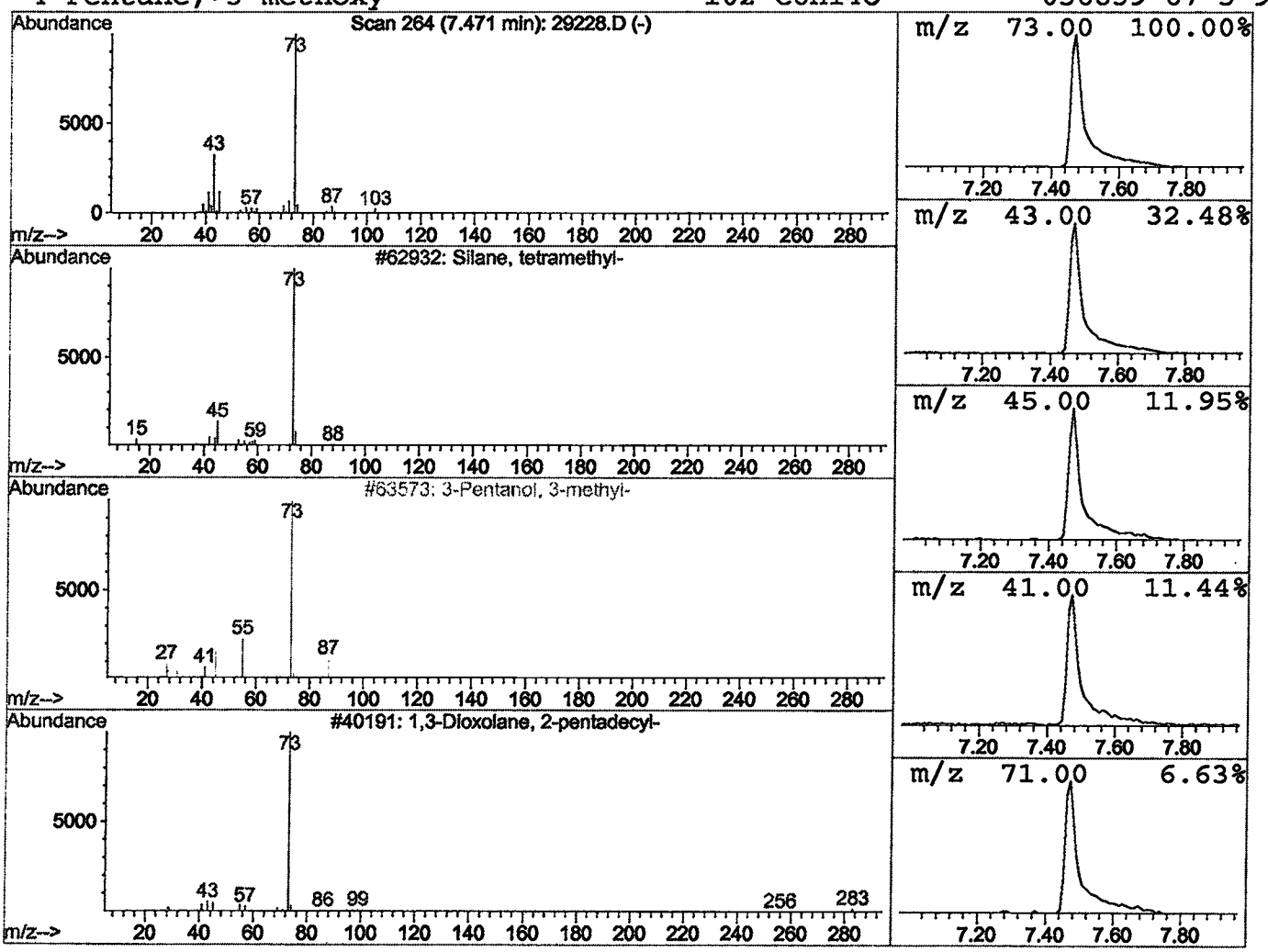
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	4.69 ug/l	1172420	1,4-Dichlorobenzene-d4	11.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	47
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
3	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\29228.D Vial: 20
Acq On : 4 Jan 2002 5:04 am Operator: 209 GALOS
Sample : gcms scan 1/2 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

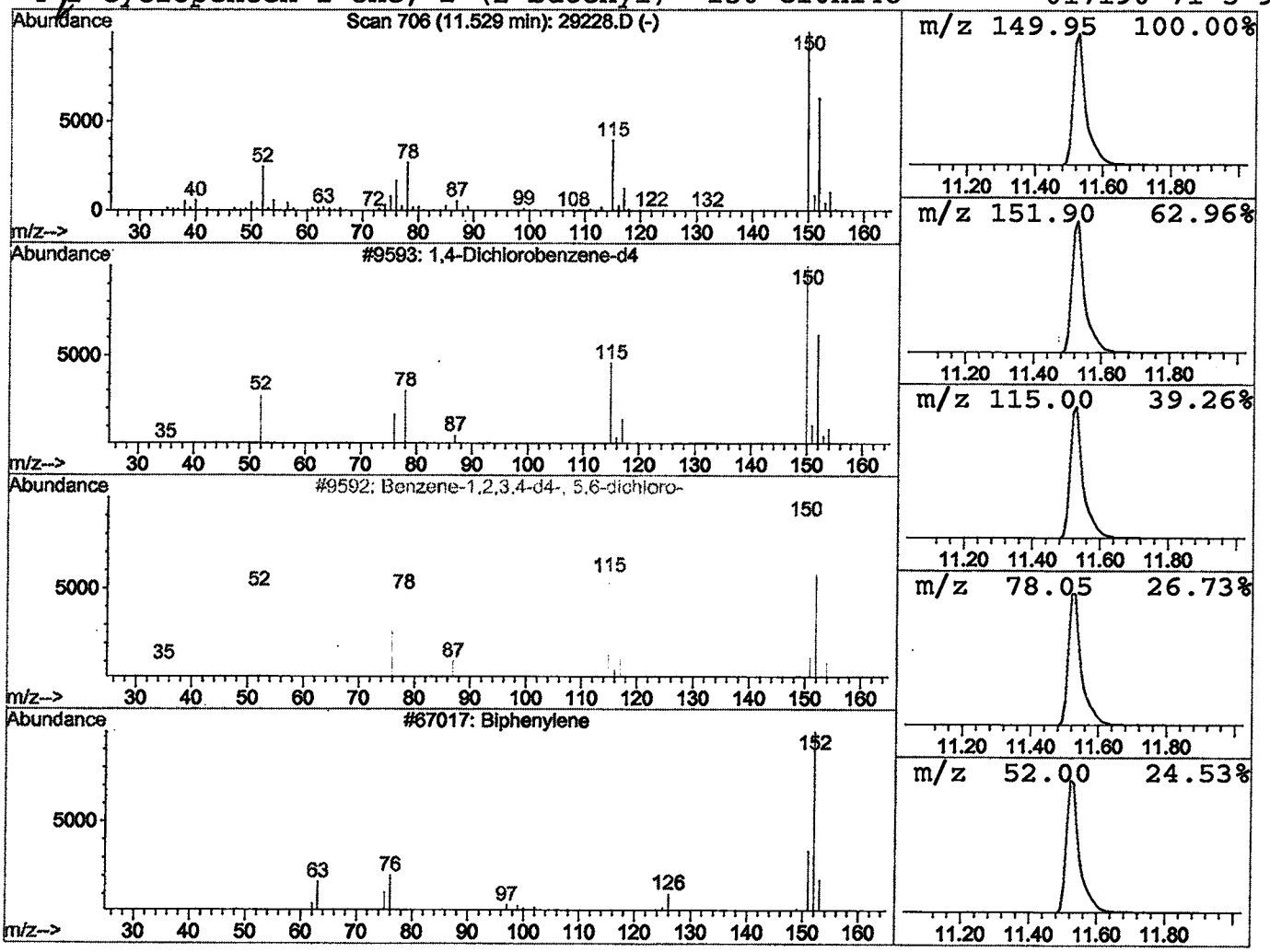
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	20.00 ug/l	4996470	1,4-Dichlorobenzene-d4	11.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	83
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	59
3	Biphenylene	152	C12H8	000259-79-0	9
4	2-Cyclopenten-1-one, 2-(2-butenyl)-	150	C10H14O	017190-71-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 4 Jan 2002 5:04 am
Data File: C:\HPCHEM\1\DATA\JAN0302\29228.D
Name: gcms scan 1/2
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
Silane, tetramethyl-	7.47	4.7	ug/l	1172420	ISTD01	11.80	4996470	20.0
1,4-Dichlorobenzene-	11.53	20.0	ug/l	4996470	ISTD01	11.80	4996470	20.0

29228.D GCMS0103.M Fri Jan 11 08:28:25 2002