

Comments for Sample AD28599 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-07-2001 Time: 14:29:13

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

The recovery for the Surrogate Standard in this sample was 73%. Recoveries for 16 of the 44 compounds in the LCS Standard were outside of their acceptance ranges.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV2901\28599.D
 Acq On : 30 Nov 2001 4:15 am
 Sample : 11/23 scan
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Nov 30 15:10 2001

Vial: 43
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Wed Nov 28 15:06:24 2001
 Response via : Initial Calibration
 DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.70	152	922952	20.00	ug/l	0.00
15) Naphthalene-d8	15.31	136	3531522	20.00	ug/l	0.00
26) Acenaphthene-d10	20.57	164	1672276	20.00	ug/l	0.00
42) Phenanthrene-d10	24.99	188	2319800	20.00	ug/l	0.00
53) Chrysene-d12	33.02	240	1209205	20.00	ug/l	-0.01
59) Perylene-d12	37.12	264	782772	20.00	ug/l	0.00

System Monitoring Compounds

52) 2,4-DDD	30.07	235	100264	3.63	ug/mL	0.00
Spiked Amount	5.000		Recovery	=	72.60%	

Target Compounds

					Qvalue
2) Pyridine	0.00	79	0	N.D.	
3) N-nitroso-dimethyl amine	5.26	74	308	N.D.	
4) Phenol	0.00	94	0	N.D.	
5) bis(2-Chloroethyl) ether	0.00	93	0	N.D.	
6) 2-Chlorophenol	0.00	128	0	N.D.	
7) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
8) 1,4-Dichlorobenzene	0.00	146	0	N.D.	
9) 1,2-Dichlorobenzene	0.00	146	0	N.D.	
10) 2-Methylphenol	12.33	108	307	N.D.	
11) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.	
12) 3&4-Methylphenol	0.00	108	0	N.D.	
13) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.	
14) Hexachloroethane	0.00	117	0	N.D.	
16) Nitrobenzene	0.00	77	0	N.D.	
17) Isophorone	0.00	82	0	N.D.	
18) 2-Nitrophenol	0.00	139	0	N.D.	
19) 2,4-Dimethylphenol	0.00	107	0	N.D.	
20) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.	
21) 2,4-Dichlorophenol	0.00	162	0	N.D.	
22) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
23) Naphthalene	15.36	128	1231	N.D.	
24) Hexachlorobutadiene	0.00	225	0	N.D.	
25) 4-Chloro-3-methylphenol	0.00	107	0	N.D.	
27) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
28) 2,4,6-Trichlorophenol	0.00	196	0	N.D.	
29) 2,4,5-Trichlorophenol	0.00	196	0	N.D.	
30) 2-Chloronaphthalene	0.00	162	0	N.D.	
31) Dimethylphthalate	0.00	163	0	N.D.	
32) 2,6-Dinitrotoluene	0.00	165	0	N.D. d	

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

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Quantitation Report

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 Last Update : Wed Nov 28 15:06:24 2001
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Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) Acenaphthylene	0.00	152	0	N.D.		
34) Acenaphthene	20.56	153	186	N.D.		
35) 2,4-Dinitrophenol	0.00	184	0	N.D.		
36) 4-Nitrophenol	0.00	65	0	N.D.		
37) 2,4-Dinitrotoluene	21.11	165	192	N.D.		
38) Diethylphthalate	22.09	149	769	N.D.		
39) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
40) Fluorene	0.00	166	0	N.D.		
41) Azobenzene/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
43) 4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.		
44) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
45) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
46) Hexachlorobenzene	0.00	284	0	N.D.		
47) Pentachlorophenol	0.00	266	0	N.D.		
48) Phenanthrene	25.06	178	643	N.D.		
49) Anthracene	25.06	178	643	N.D.		
50) Di-n-butylphthalate	27.00	149	6866	N.D.		
51) Fluoranthene	0.00	202	0	N.D.		
54) Pyrene	0.00	202	0	N.D.		
55) Butylbenzylphthalate	0.00	149	0	N.D.		
56) Benzo(a)anthracene	33.02	228	3198	N.D.		
57) Bis(2-ethylhexyl)phthalate	33.30	149	5798	N.D.		
58) Chrysene	33.02	228	3198	N.D.		
60) Di-n-Octylphthalate	0.00	149	0	N.D.		
61) Benzo(b)fluoranthene	0.00	252	0	N.D.		
62) Benzo(k)fluoranthene	0.00	252	0	N.D.		
63) Benzo(a)pyrene	37.12	252	3090	N.D.		
64) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.		
65) Dibenz(a,h)anthracene	0.00	278	0	N.D.		
66) Benzo(g,h,i)perylene	0.00	276	0	N.D.		

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

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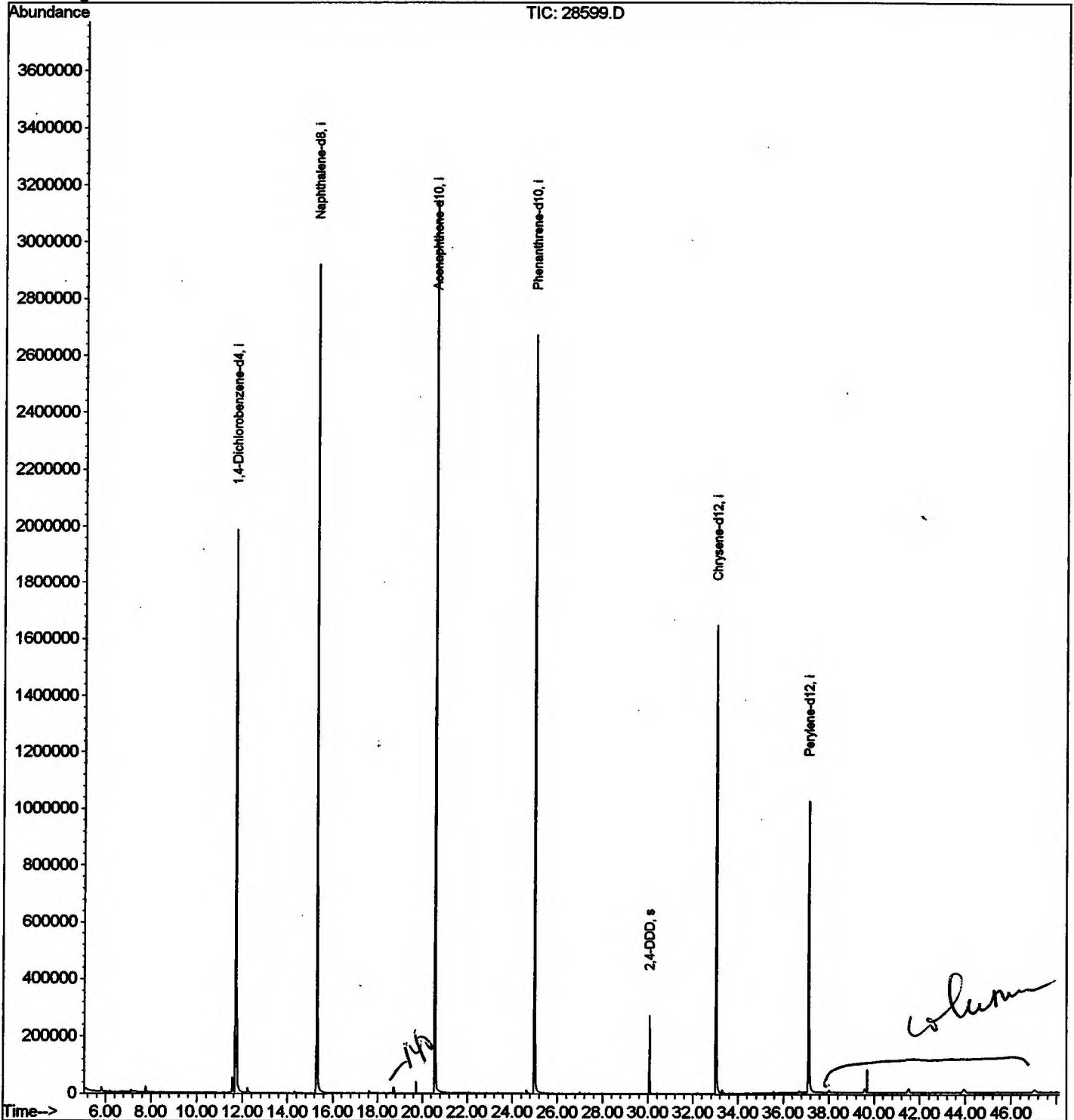
Quantitation Report

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Vial: 43
 Operator: 209 GALOS
 Inst : GC/MS 209
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Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Wed Nov 28 15:06:24 2001
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV2901\28599.D
 Acq On : 30 Nov 2001 4:15 am
 Sample : 11/23 scan
 Misc :
 MS Integration Params: LSCINT.P

Vial: 43
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Signal : TIC

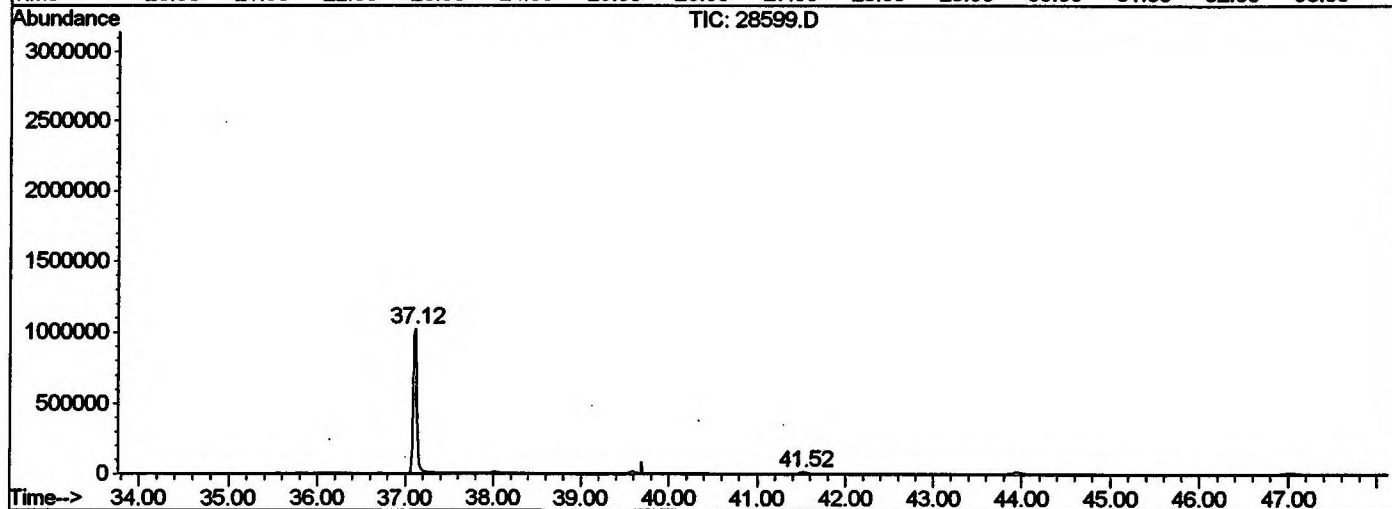
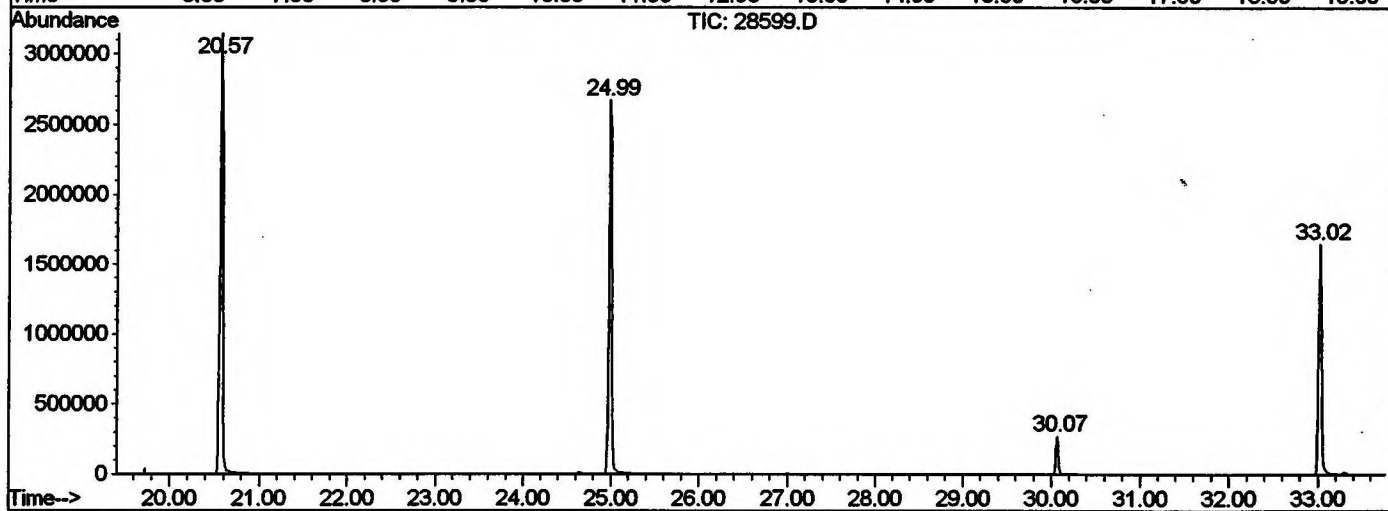
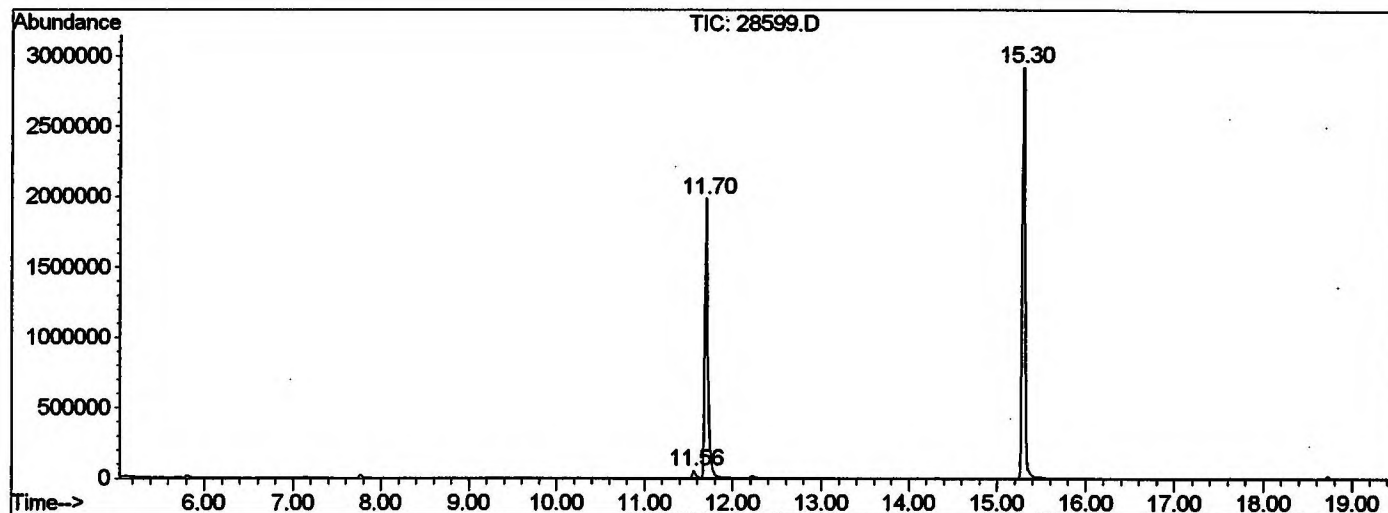
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	11.560	706	710	720	rBV	52892	121360	1.82%	0.388%
2	11.697	720	725	751	rVV	1983930	4867656	73.02%	15.576%
3	15.296	1112	1117	1136	rBV	2917256	6478357	97.18%	20.731%
4	20.575	1686	1692	1706	rBV	3140797	6666343	100.00%	21.332%
5	24.990	2167	2173	2186	rBV2	2669450	5870715	88.07%	18.786%
6	30.067	2721	2726	2736	rVB	271604	540365	8.11%	1.729%
7	33.023	3041	3048	3067	rBV2	1646532	3824314	57.37%	12.238%
8	37.118	3486	3494	3511	rBV2	1019226	2808725	42.13%	8.988%
9	41.524	3965	3974	3984	rBV5	13899	72336	1.09%	0.231%

Sum of corrected areas: 31250171

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LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV2901\28599.D
 Operator : 209 GALOS
 Acquired : 30 Nov 2001 4:15 am using AcqMethod GCMS1126
 Instrument : GC/MS 209
 Sample Name: 11/23 scan
 Misc Info :
 Vial Number: 43
 Quant File :GCMS1126.RES (RTE Integrator)



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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2901\28599.D
 Acq On : 30 Nov 2001 4:15 am
 Sample : 11/23 scan
 Misc :
 MS Integration Params: LSCINT.P

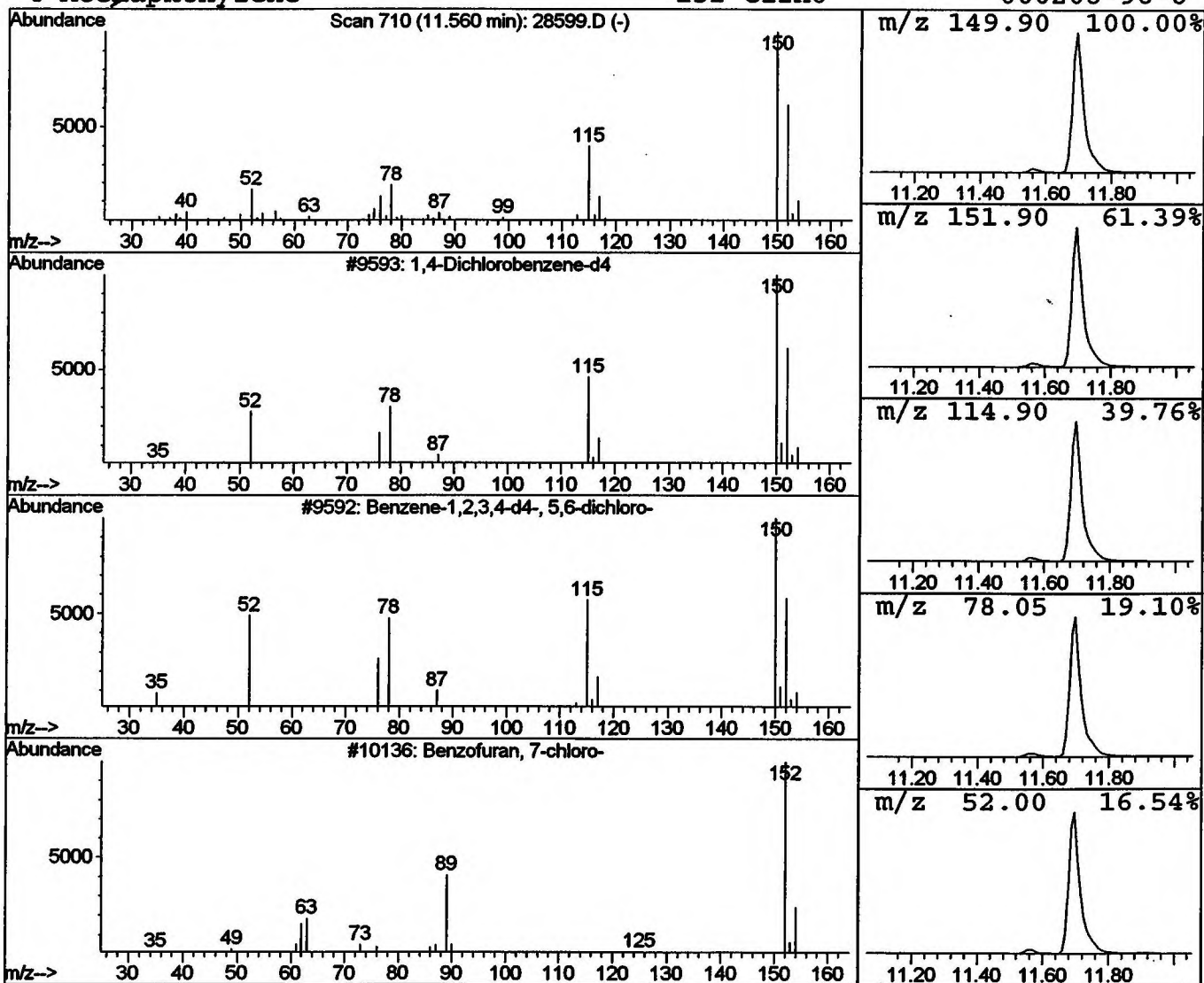
Vial: 43
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	0.50 ug/l	121360	1,4-Dichlorobenzene-d4	11.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	53
2		Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	32
3		Benzofuran, 7-chloro-	152	C8H5ClO	024410-55-7	9
4		Acenaphthylene	152	C12H8	000208-96-8	9



Library Search Compound Report

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Sample : 11/23 scan

Misc :

MS Integration Params: LSCINT.P

Vial: 43

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)

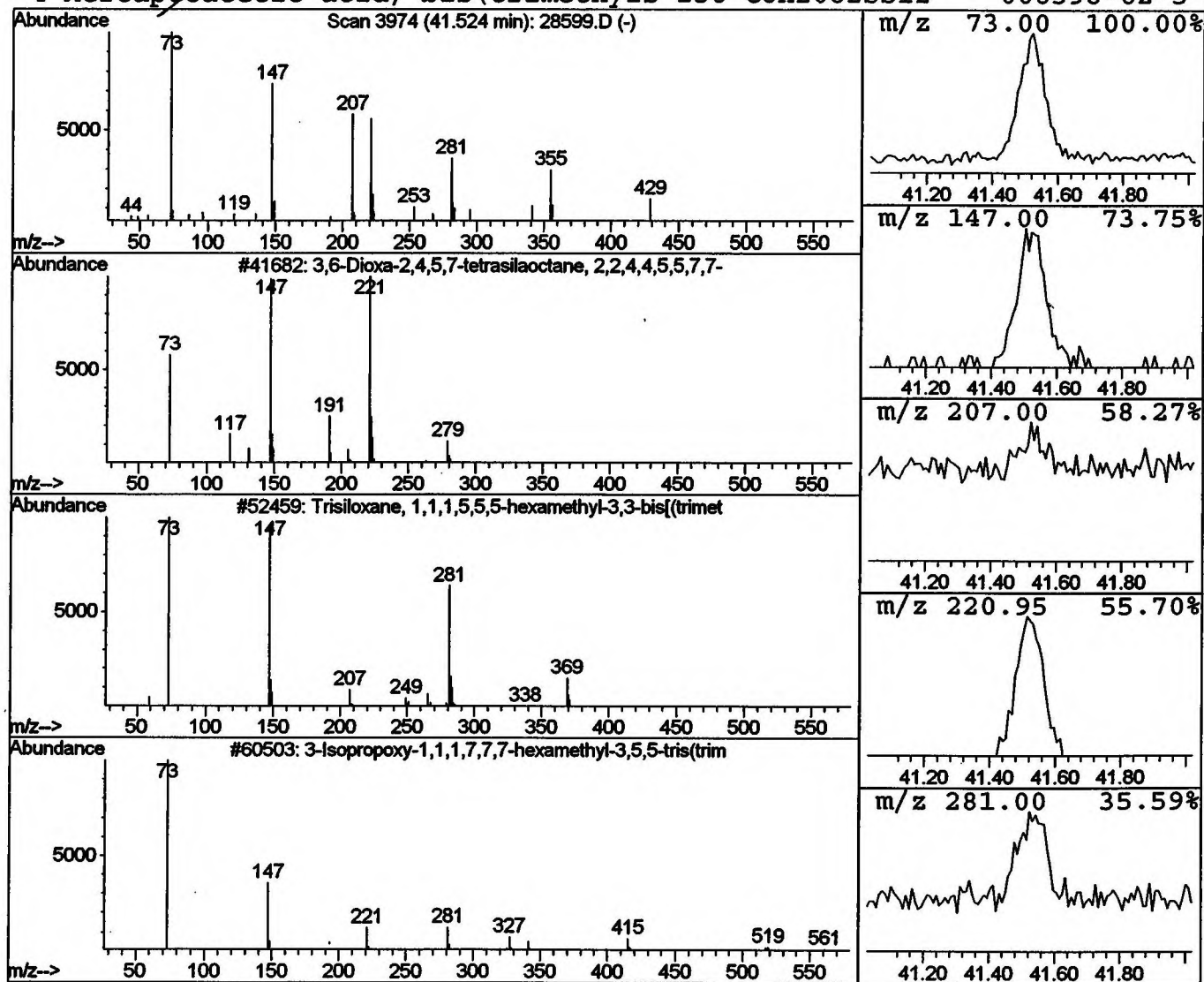
Title : 209 625/TCLP calibration table

Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
41.52	0.52 ug/l	72336	Perylene-d12	37.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	25
2			Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	25
3			3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	25
4			Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	12



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 30 Nov 2001 4:15 am
Data File: C:\HPCHEM\1\DATA\NOV2901\28599.D
Name: 11/23 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	121360	ISTD01	11.70	4867660	20.0
3,6-Dioxo-2,4,5,7-te	41.52	0.5	ug/l	72336	ISTD06	37.12	2808730	20.0

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