User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 09:44:40

Sample: AD28230
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 09:43 Ended: 1/9/02 09:43 Analyst: MG
Page: 1

	Component Name	V/o	Result	MDL
1	Other unknown compounds		see comment	
2	Surr_2,4-DDD			5.0

:omments for Sample AD28230 - Analysis $GCMS

Vestchester Dept. of Labs & Research
Jser: Galos, Marie
)ate: 01-09-2002 Time: 09:44:48

\ scan of the extract prepared for the 508 analysis, from 35-550 amu using a
1ass spectrometer, does not reveal the presence of non-target compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV2601\28230.D Vial: 18
Acq On : 28 Nov 2001 10:52 am Operator: 209 GALOS
Sample : 11/20 scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 3 12:39 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 : NP103001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.70	152	779080	20.00	ug/l	0.00
10) Naphthalene-d8	15.30	136	2955142	20.00	ug/l	0.00
17) Acenaphthene-d10	20.58	164	1388634	20.00	ug/l	0.00
29) Phenanthrene-d10	24.99	188	1880316	20.00	ug/l	0.00
38) Chrysene-d12	33.02	240	894420	20.00	ug/l	0.00
44) Perylene-d12	37.11	264	540514	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.07	235	39495	1.91	ug/mL	0.00
Spiked Amount 5.000			Recovery = 38.20%			
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	15.37	128	281	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	20.98	165	200	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

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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	597	N.D.	
34)	Anthracene	25.00	178	597	N.D.	
35)	Di-n-butylphthalate	27.00	149	6033	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	2170	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	861	N.D.	
43)	Chrysene	33.02	228	2170	N.D.	
45)	Di-n-Octylphthalate	35.04	149	400	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	36.95	252	177	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

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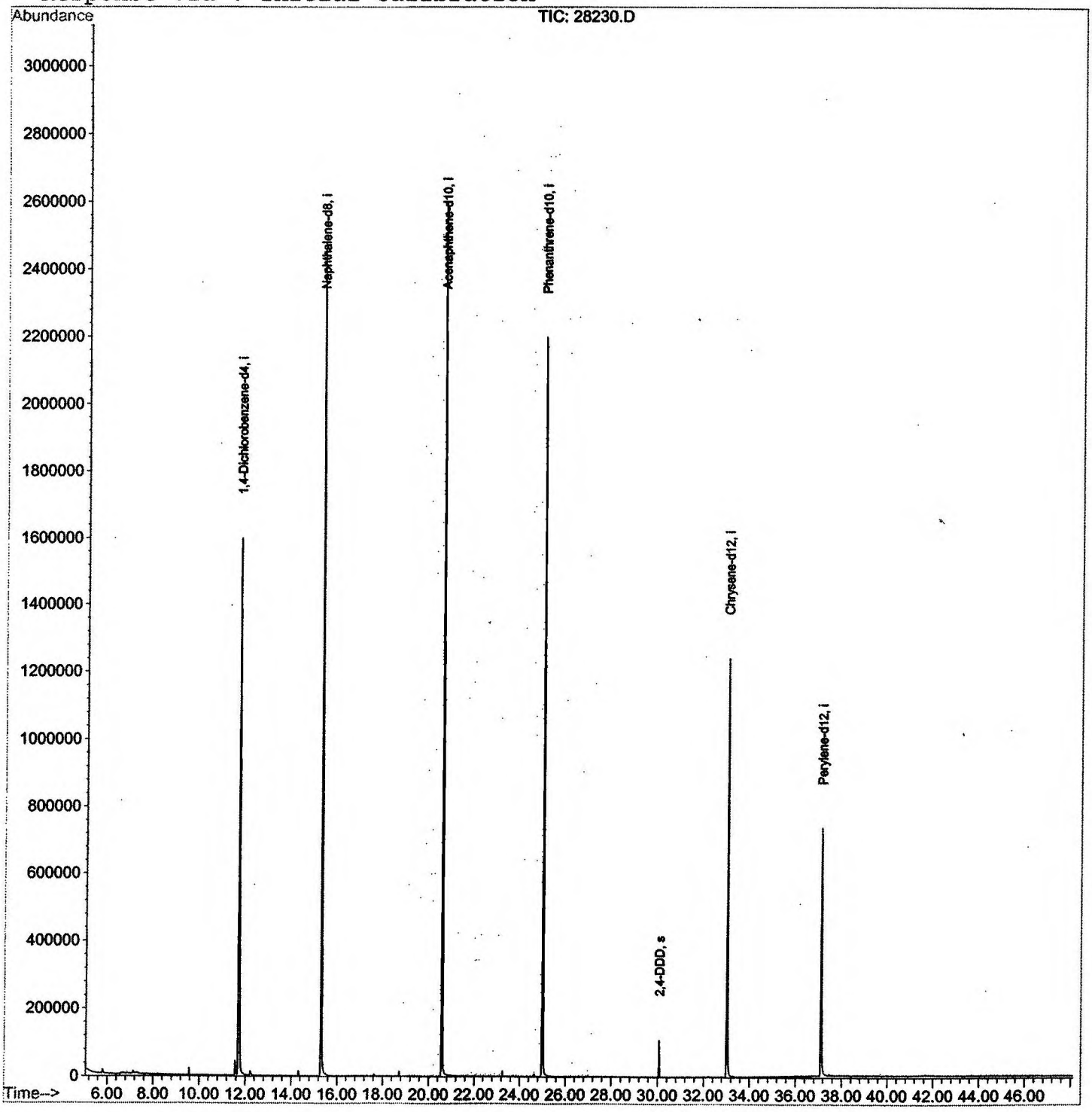
Acq On : 28 Nov 2001 10:52 am Operator: 209 GALOS
Sample : 11/20 scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 3 12:39 2002 Quant Results File: GCMS1126.RES

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\28230.D Vial: 18
Acq On : 28 Nov 2001 10:52 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

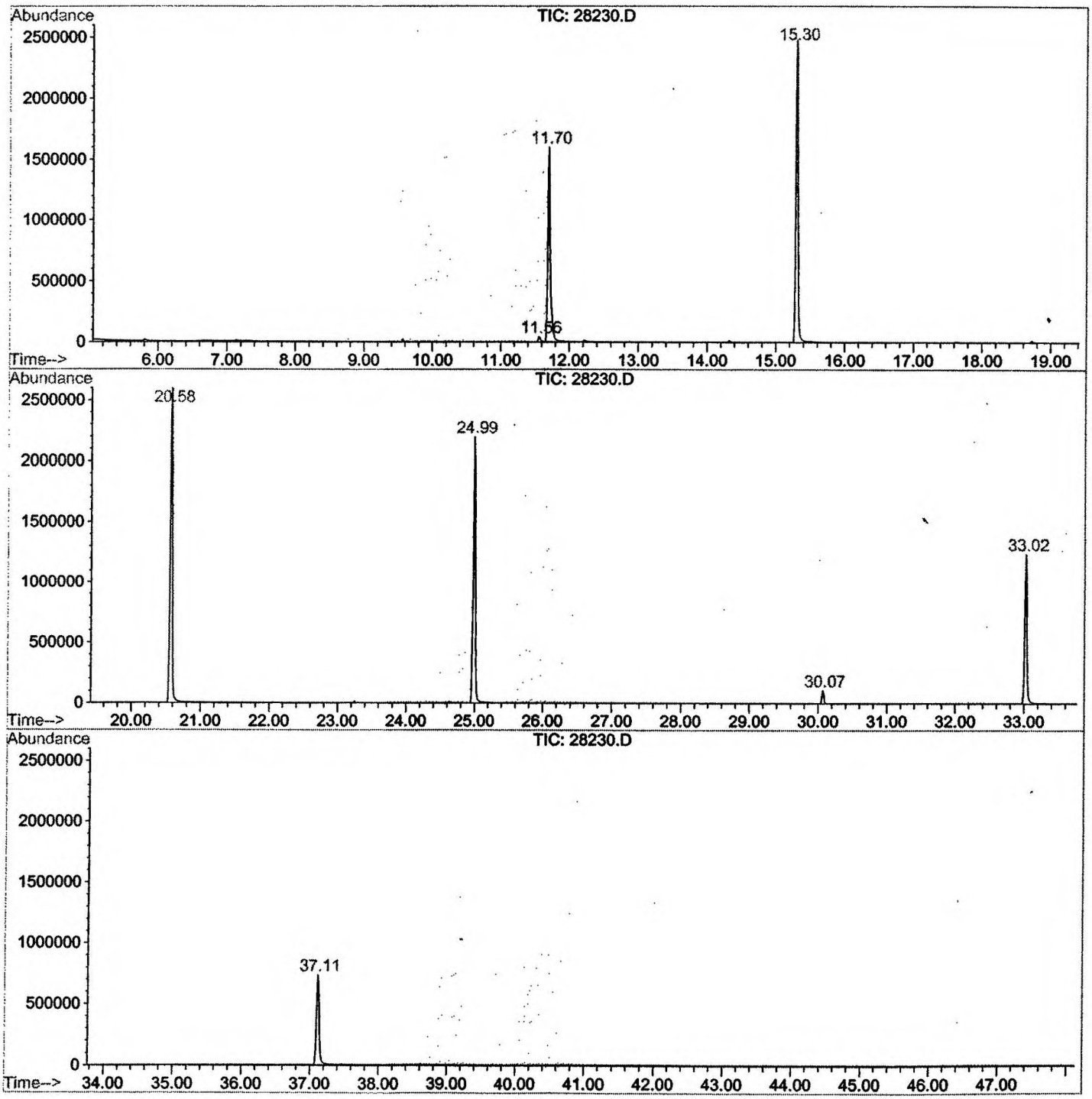
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	11.561	706	710	719	rBV	43498	108042	1.96%	0.435%
2	11.699	719	725	746	rVV	1595493	4051260	73.65%	16.317%
3	15.297	1112	1117	1135	rBV	2480011	5405643	98.27%	21.772%
4	20.576	1685	1692	1707	rBV	2600235	5500583	100.00%	22.155%
5	24.992	2167	2173	2186	rBV2	2197329	4756056	86.46%	19.156%
6	30.068	2718	2726	2732	rBV	107869	207754	3.78%	0.837%
7	33.024	3041	3048	3061	rBV2	1241181	2830847	51.46%	11.402%
8	37.110	3485	3493	3512	rBV	732922	1968085	35.78%	7.927%

Sum of corrected areas: 24828270

28230.D GCMS1126.M Thu Jan 03 12:46:55 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV2601\28230.D
Operator : 209 GALOS
Acquired : 28 Nov 2001 10:52 am using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: 11/20 scan
Misc Info :
Vial Number: 18
Quant File :GCMS1126.RES (RTE Integrator)



28230.D GCMS1126.M Thu Jan 03 12:47:00 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28230.D
Acq On : 28 Nov 2001 10:52 am
Sample : 11/20 scan
Misc :
MS Integration Params: LSCINT.P

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

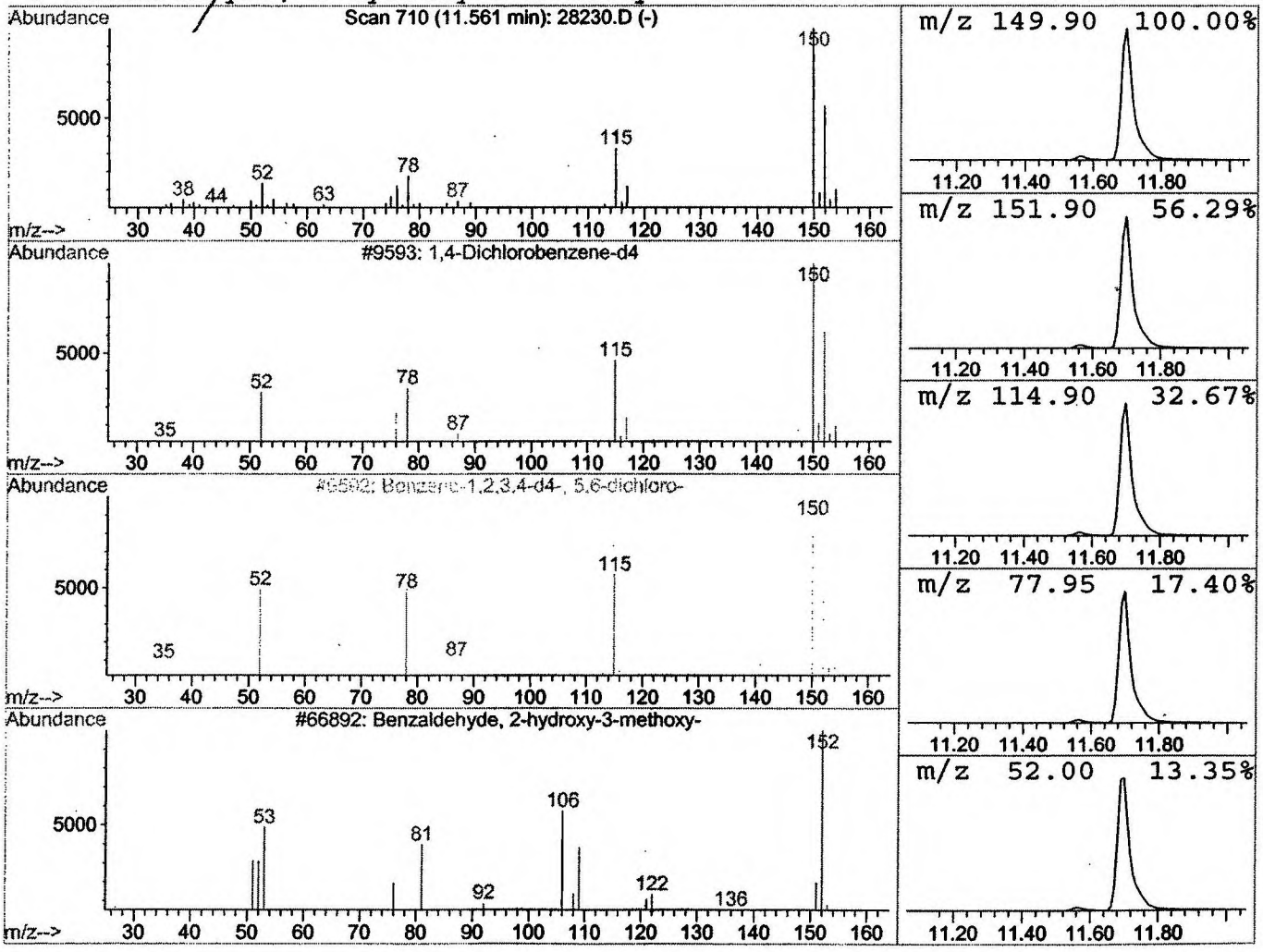
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	0.53 ug/l	108042	1,4-Dichlorobenzene-d4	11.70

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	39
3	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10
4	Benzaldehyde, 2-hydroxy-5-methoxy-	152	C8H8O3	000672-13-9	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 28 Nov 2001 10:52 am
Data File: C:\HPCHEM\1\DATA\NOV2601\28230.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	108042	ISTD01	11.70	4051260	20.0

28230.D GCMS1126.M Thu Jan 03 12:47:09 2002