

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 11/30/2001 Time: 11:34:18

Sample: AD28277
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 11/21/01 10:33 Ended: 11/26/01 10:33 Analyst: MG
 Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

NOT DET

Results for Sample AD28277 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-03-2001 Time: 12:32:28

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 46%. Recoveries for 41 of the 44 compounds in the LSC Standard were outside of EPA 625 acceptance ranges, soon however, GCMS method acceptance ranges will be established and used instead.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV2601\28277.D

Vial: 28

Acq On : 27 Nov 2001 3:19 pm

Operator: 209 GALOS

Sample : 11/21 scan

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Nov 29 14:17 2001

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 : NP103001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.70	152	842751	20.00	ug/l	0.00
15) Naphthalene-d8	15.30	136	3177487	20.00	ug/l	0.00
26) Acenaphthene-d10	20.57	164	1510145	20.00	ug/l	0.00
42) Phenanthrene-d10	25.00	188	2025548	20.00	ug/l	0.00
53) Chrysene-d12	33.02	240	898943	20.00	ug/l	-0.01
59) Perylene-d12	37.12	264	580015	20.00	ug/l	0.00

System Monitoring Compounds

52) 2,4-DDD	30.08	235	55533	2.30	ug/mL	0.00
Spiked Amount	5.000		Recovery	=	46.00%	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitroso-dimethyl amine	5.18	74	197	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	0.00	108	0	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	15.37	128	525	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

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV2601\28277.D
 Acq On : 27 Nov 2001 3:19 pm
 Sample : 11/21 scan
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Nov 29 14:17 2001

Vial: 28
 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 : NP103001

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) Acenaphthylene	0.00	152	0	N.D.		
34) Acenaphthene	0.00	153	0	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	21.00	165	102	N.D.		
38) Diethylphthalate	22.09	149	100	N.D.		
39) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
40) Fluorene	0.00	166	0	N.D.		
41) Azobenzen/ 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	25.00	178	577	N.D.		
49) Anthracene	25.00	178	577	N.D.		
50) Di-n-butylphthalate	27.01	149	2477	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	2224	N.D.		
57) Bis(2-ethylhexyl)phthalate	33.31	149	838	N.D.		
58) Chrysene	33.02	228	2224	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	36.15	252	104	N.D.		
63) Benzo(a)pyrene	37.12	252	2176	N.D.		
64) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.		
65) Dibenzo(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
 28277.D GCMS1126.M Thu Nov 29 14:18:25 2001

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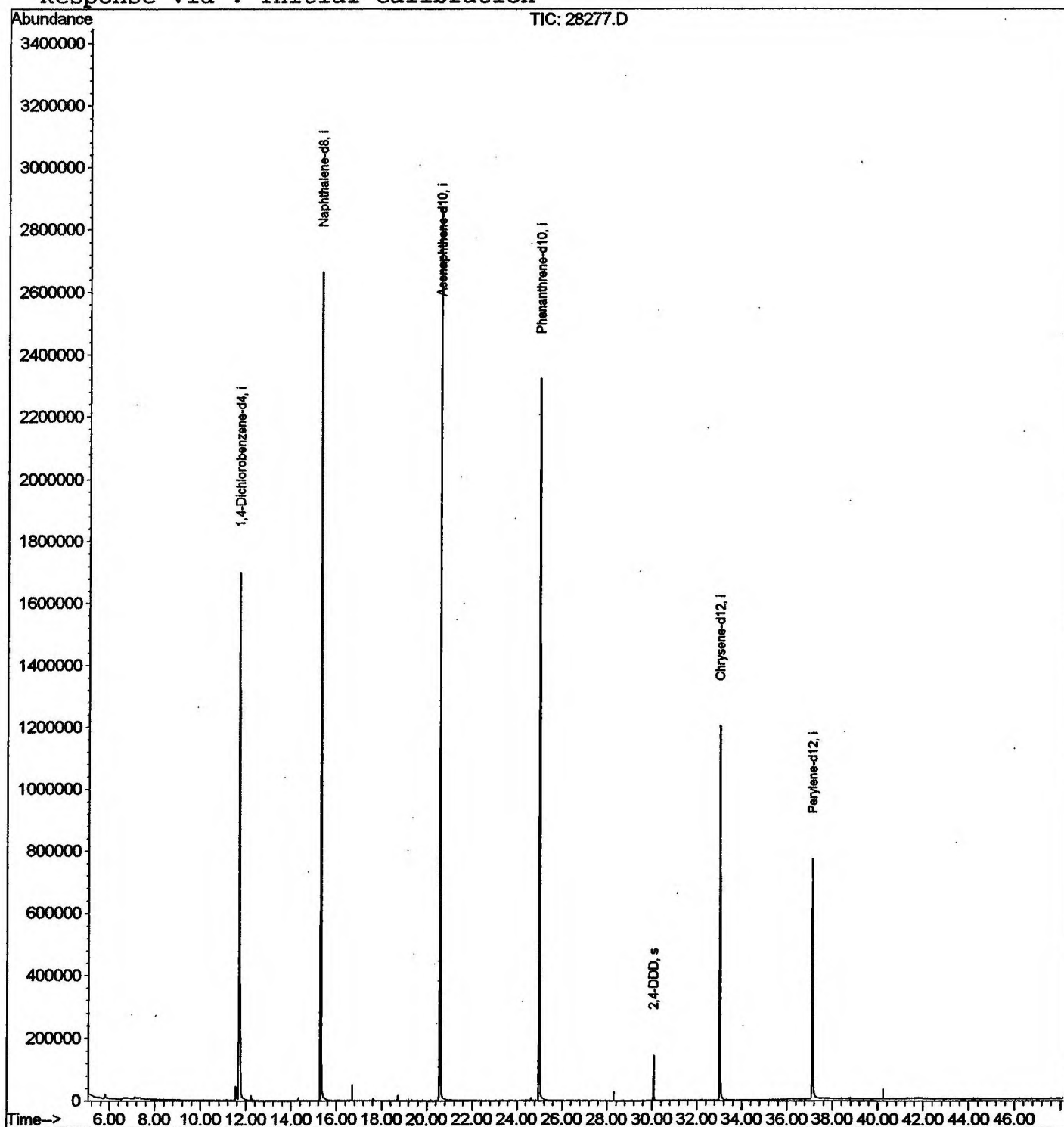
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28277.D
Acq On : 27 Nov 2001 3:19 pm
Sample : 11/21 scan
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 29 14:17 2001

Vial: 28
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 : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28277.D
 Acq On : 27 Nov 2001 3:19 pm
 Sample : 11/21 scan
 Misc :
 MS Integration Params: LSCINT.P

Vial: 28
 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

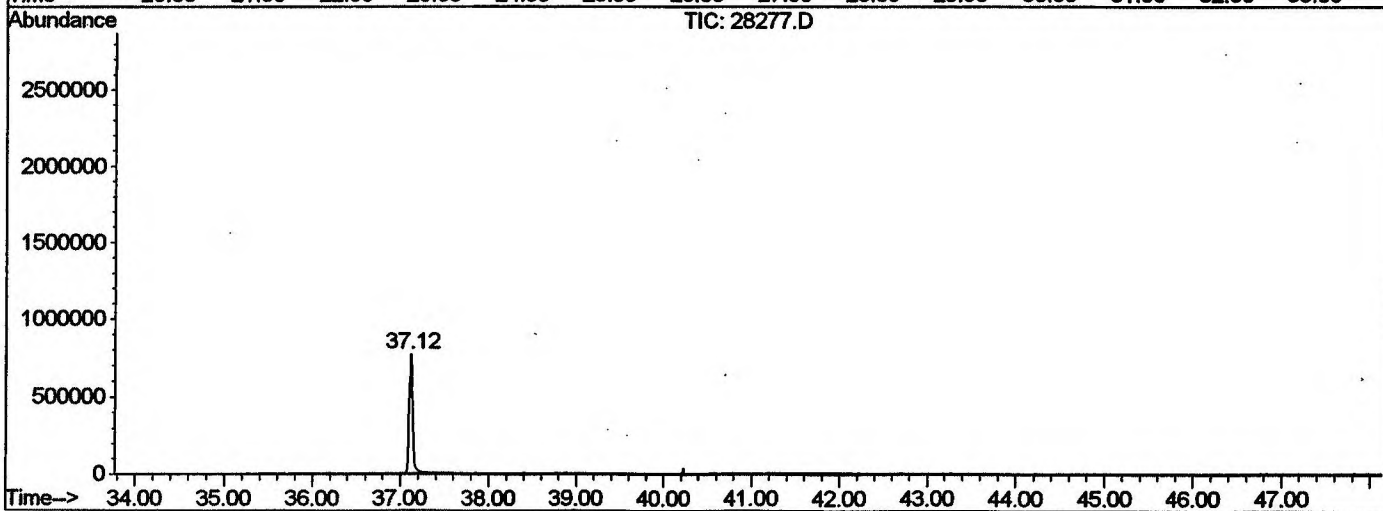
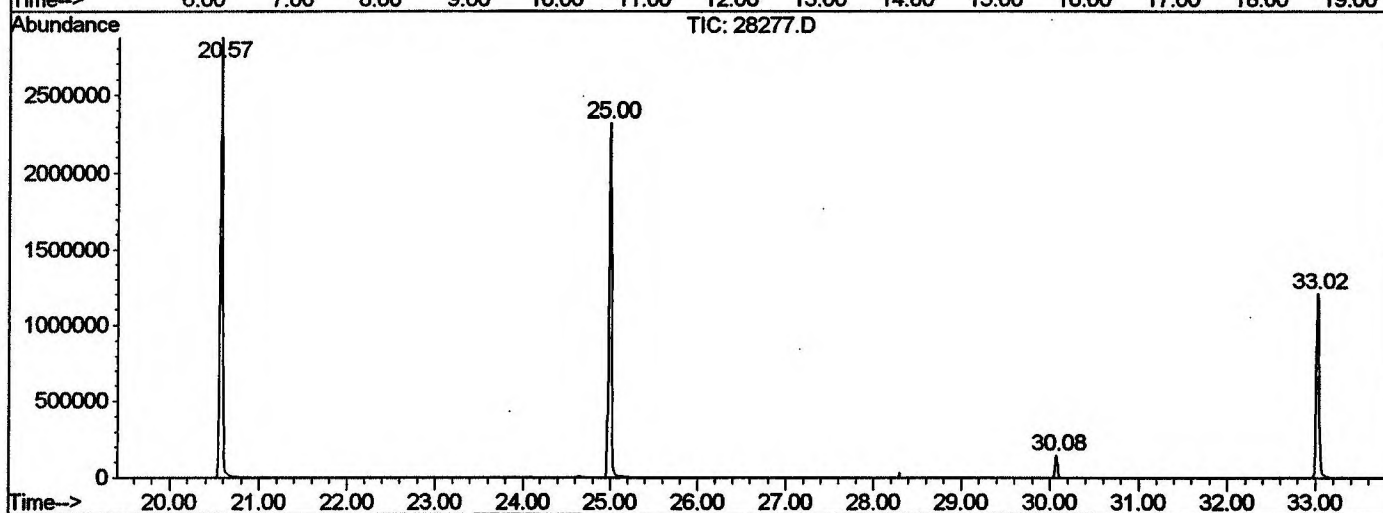
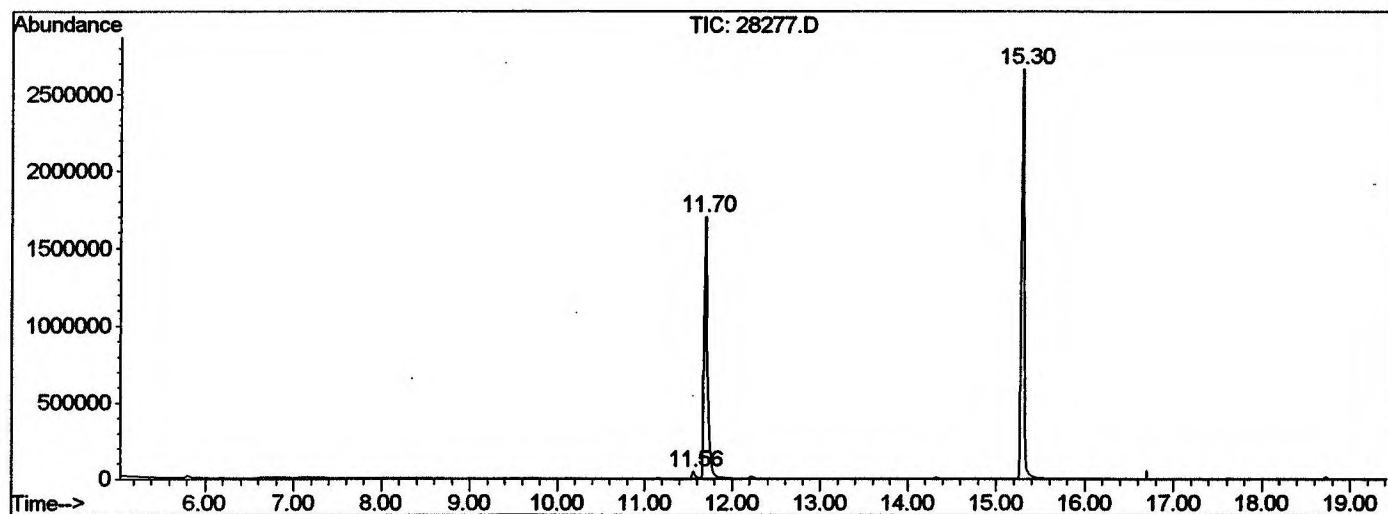
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	11.558	706	710	720	rBV	44847	118289	2.00%	0.445%
2	11.696	720	725	745	rBV	1697438	4380732	74.06%	16.487%
3	15.304	1112	1118	1135	rBV	2662663	5804668	98.13%	21.846%
4	20.574	1686	1692	1708	rBV	2871700	5915266	100.00%	22.262%
5	24.998	2167	2174	2187	rBV2	2321693	5090430	86.06%	19.158%
6	30.075	2721	2727	2737	rBV	143897	296110	5.01%	1.114%
7	33.022	3042	3048	3068	rBV2	1202917	2857478	48.31%	10.754%
8	37.116	3487	3494	3510	rBV2	767377	2108413	35.64%	7.935%

Sum of corrected areas: 26571386

28277.D GCMS1126.M Fri Nov 30 13:22:47 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV2601\28277.D
 Operator : 209 GALOS
 Acquired : 27 Nov 2001 3:19 pm using AcqMethod NP103001
 Instrument : GC/MS 209
 Sample Name: 11/21 scan
 Misc Info :
 Vial Number: 28
 Quant File :GCMS1126.RES (RTE Integrator)



28277.D GCMS1126.M Fri Nov 30 13:22:49 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28277.D
 Acq On : 27 Nov 2001 3:19 pm
 Sample : 11/21 scan
 Misc :
 MS Integration Params: LSCINT.P

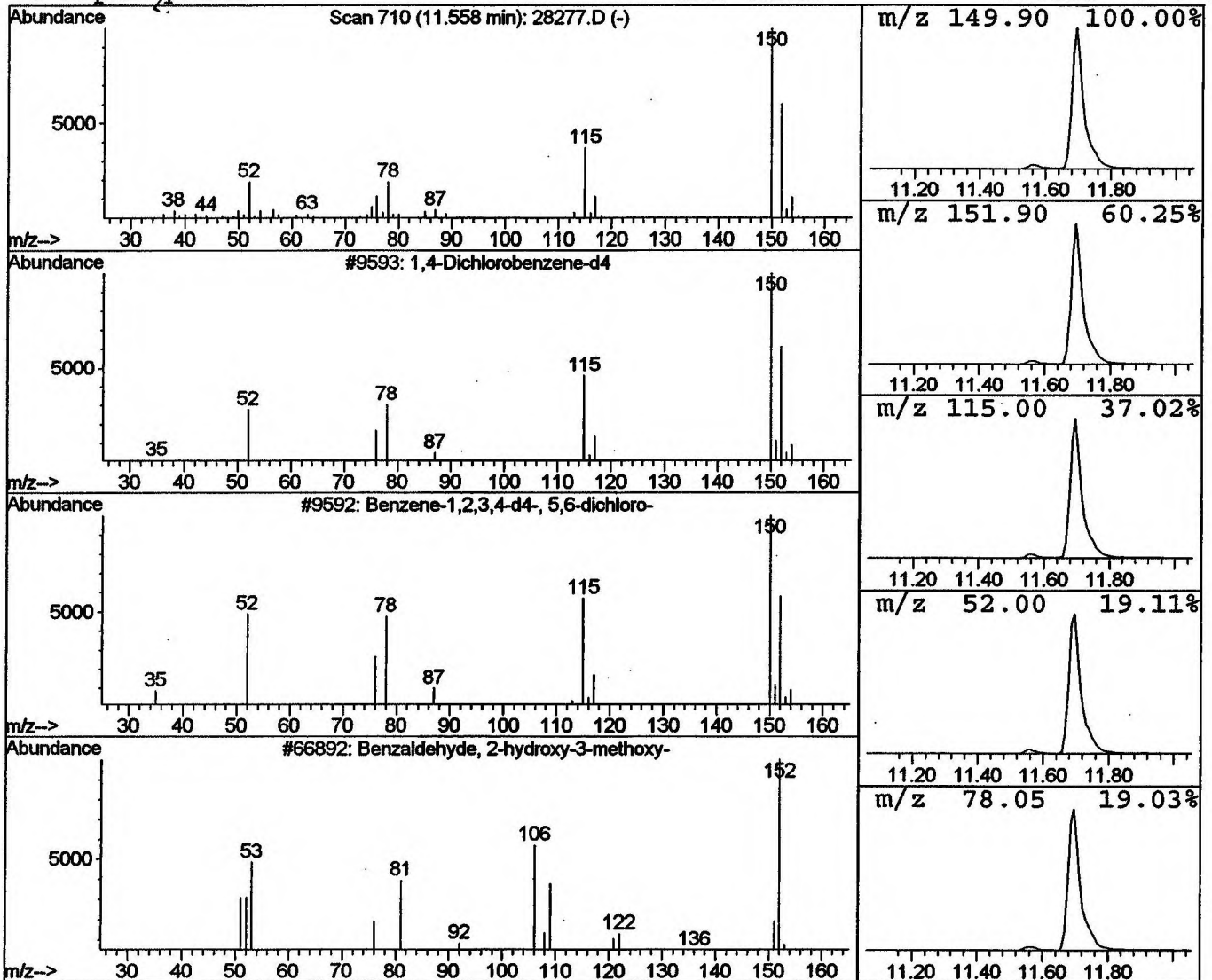
Vial: 28
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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	0.54 ug/l	118289	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	72
2		Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	45
3		Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	25
4		Biphenylene	152	C12H8	000259-79-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 27 Nov 2001 3:19 pm
Data File: C:\HPCHEM\1\DATA\NOV2601\28277.D
Name: 11/21 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	118289	ISTD01	11.70	4380730	20.0
28277.D GCMS1126.M	Fri Nov 30 13:22:54 2001							