User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/30/2001 Time: 11:29:23

Sample: AD28267
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/30/01 10:33 Ended: 11/30/01 10:33 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD28267 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-07-2001 Time: 18:12:49

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds, except for the presence of bis(2-Ethylhexyl)phthalate at an estimated level of 0.68 ug/L.
The recovery for the Surrogate Standard in this sample was 94%. 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\28267.D Vial: 25
Acq On : 27 Nov 2001 12:22 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 13:07 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	743671	20.00	ug/l	0.00
15) Naphthalene-d8	15.30	136	2759637	20.00	ug/l	0.00
26) Acenaphthene-d10	20.57	164	1322859	20.00	ug/l	0.00
42) Phenanthrene-d10	25.00	188	1791524	20.00	ug/l	0.00
53) Chrysene-d12	33.02	240	890252	20.00	ug/l	-0.01
59) Perylene-d12	37.12	264	595256	20.00	ug/l	0.00
System Monitoring Compounds						
52) 2,4-DDD	30.08	235	100554	4.71	ug/mL	0.00
Spiked Amount 5.000			Recovery = 94.20%			
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitroso-dimethyl amine	5.13	74	182	N.D.		
4) Phenol	10.69	94	100	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	634	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

Quantitation Report (QT Reviewed)

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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

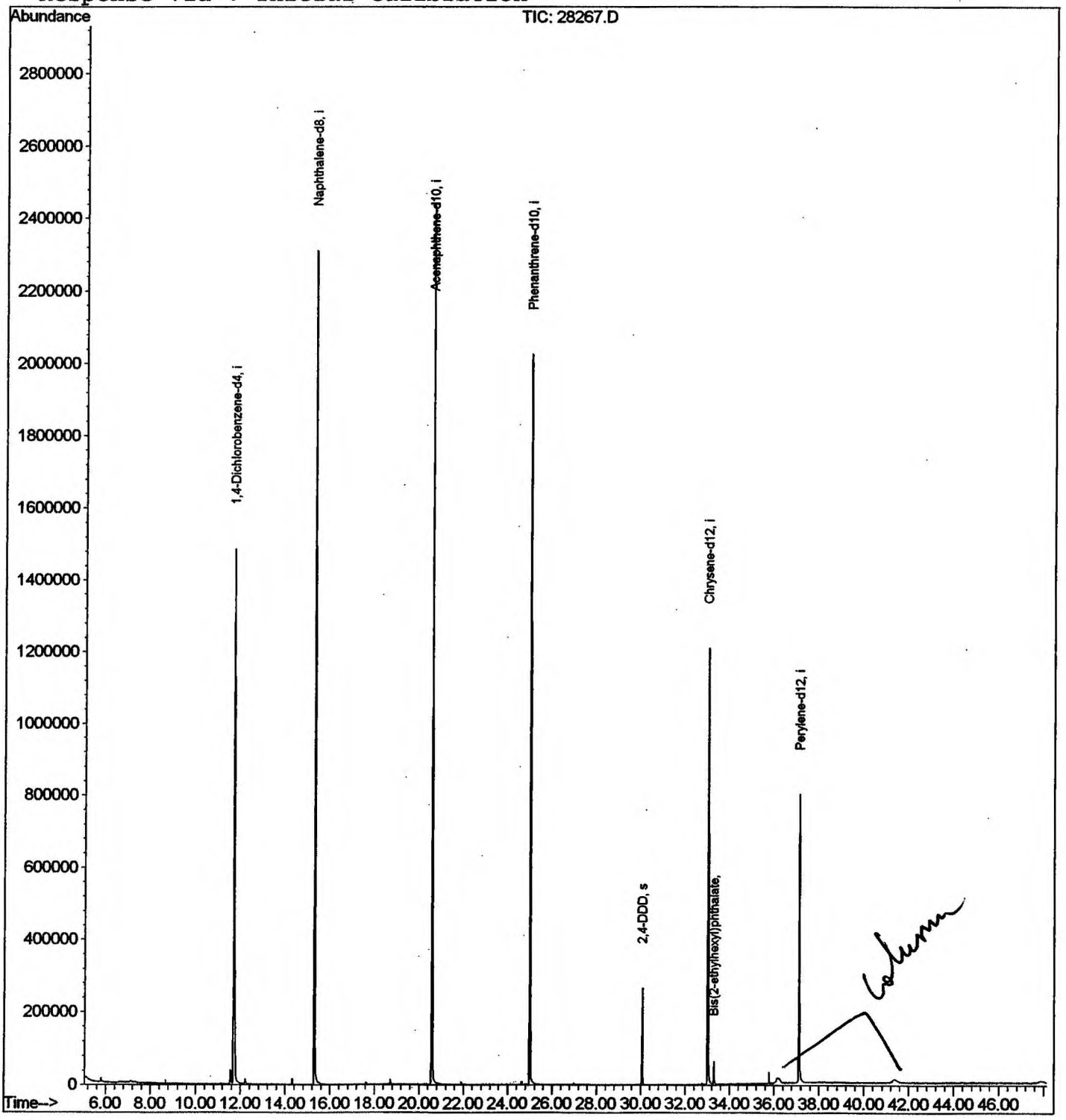
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Acenaphthylene	0.00	152	0	N.D.	
34)	Acenaphthene	0.00	153	0	N.D.	
35)	2,4-Dinitrophenol	0.00	184	0	N.D.	
36)	4-Nitrophenol	0.00	65	0	N.D.	
37)	2,4-Dinitrotoluene	20.87	165	602	N.D.	
38)	Diethylphthalate	0.00	149	0	N.D.	
39)	4-Chlorophenyl-phenylether	0.00	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	632	N.D.	
49)	Anthracene	25.00	178	632	N.D.	
50)	Di-n-butylphthalate	27.00	149	6350	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	33.03	228	2232	N.D.	
57)	Bis(2-ethylhexyl)phthalate	33.31	149	36713	0.68 ug/l	99
58)	Chrysene	33.03	228	2232	N.D.	
60)	Di-n-Octylphthalate	0.00	149	0	N.D.	
61)	Benzo(b)fluoranthene	36.13	252	496	N.D.	
62)	Benzo(k)fluoranthene	36.13	252	295	N.D.	
63)	Benzo(a)pyrene	36.94	252	286	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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28267.D Vial: 25
Acq On : 27 Nov 2001 12:22 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 13:07 2001 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\28267.D Vial: 25
Acq On : 27 Nov 2001 12:22 pm Operator: 209 GALOS
Sample : 11/21 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

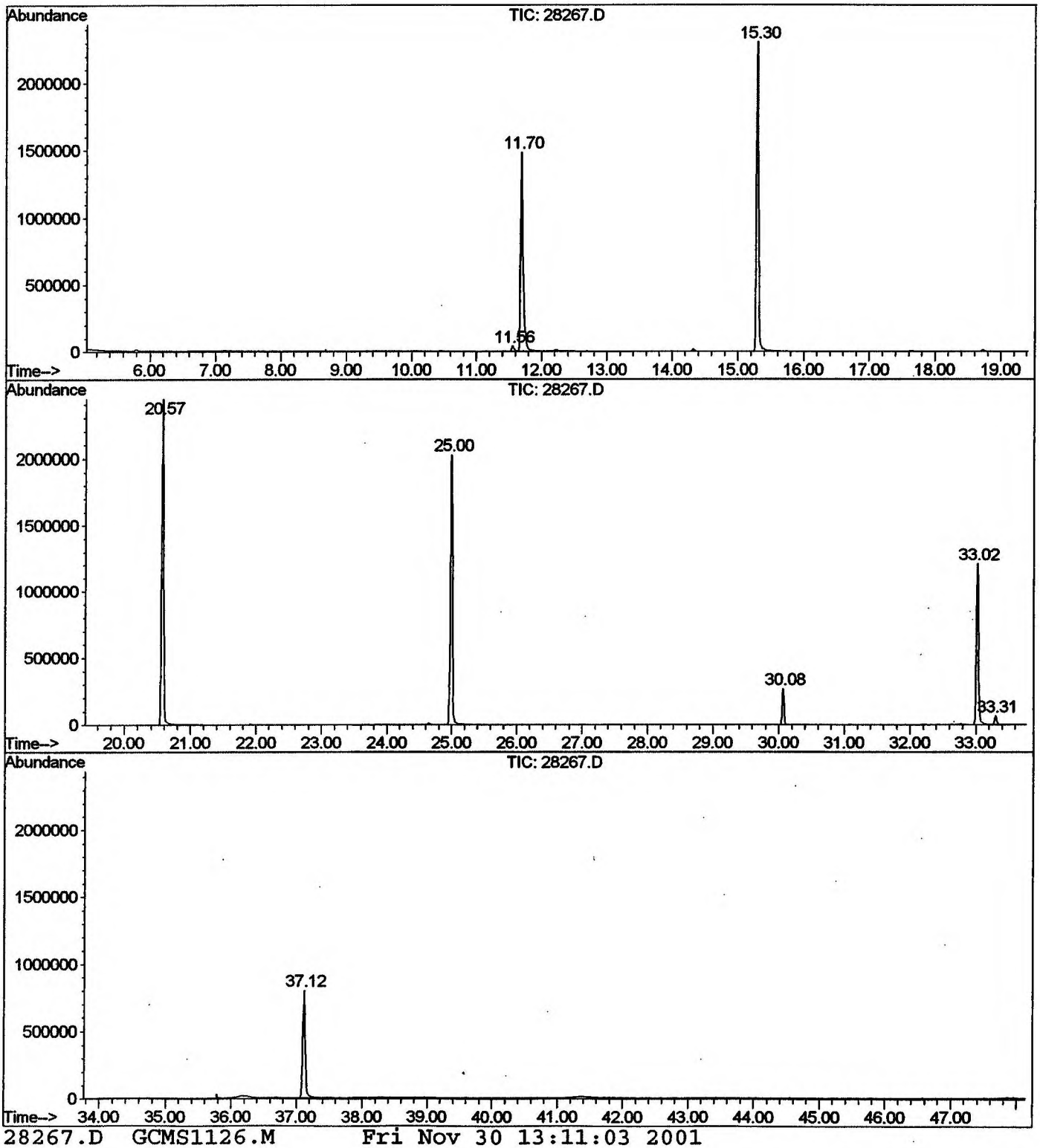
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	11.559	706	710	719	rBV	38521	98017	1.88%	0.403%
2	11.696	719	725	745	rBV	1482749	3867467	74.38%	15.882%
3	15.304	1112	1118	1136	rBV	2309417	5047028	97.06%	20.725%
4	20.574	1686	1692	1707	rBV	2442487	5199865	100.00%	21.353%
5	24.999	2167	2174	2188	rBV2	2023987	4525262	87.03%	18.583%
6	30.075	2721	2727	2734	rBV	264711	528541	10.16%	2.170%
7	33.022	3042	3048	3062	rBV2	1207530	2816338	54.16%	11.565%
8	33.307	3074	3079	3090	rVB	62970	136622	2.63%	0.561%
9	37.117	3487	3494	3507	rBV	793882	2132874	41.02%	8.759%

Sum of corrected areas: 24352014

28267.D GCMS1126.M Fri Nov 30 13:11:00 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV2601\28267.D
Operator : 209 GALOS
Acquired : 27 Nov 2001 12:22 pm using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: 11/21 scan
Misc Info :
Vial Number: 25
Quant File :GCMS1126.RES (RTE Integrator)



28267.D GCMS1126.M Fri Nov 30 13:11:03 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28267.D
Acq On : 27 Nov 2001 12:22 pm
Sample : 11/21 scan
Misc :
MS Integration Params: LSCINT.P

Vial: 25
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

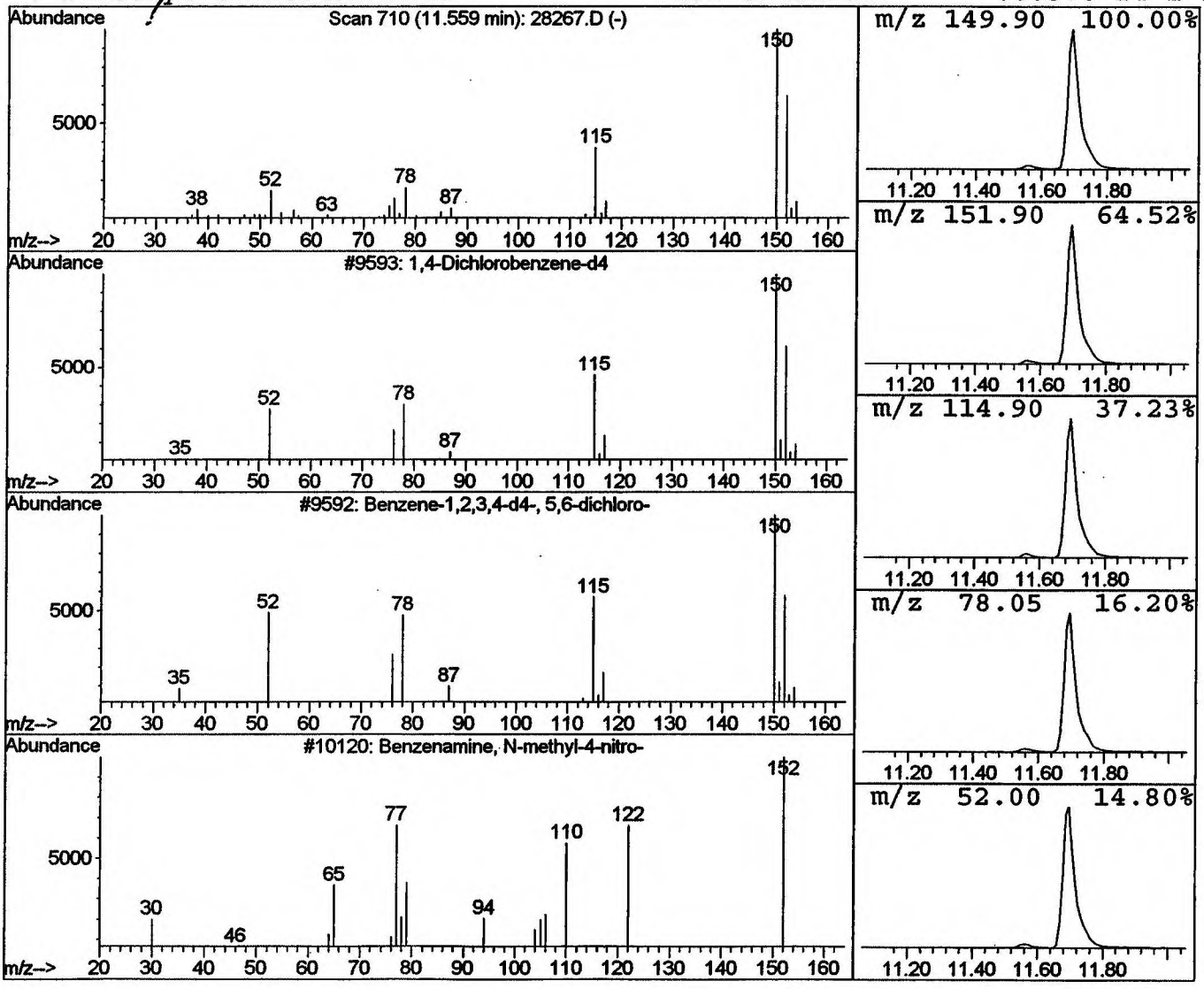
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	0.51 ug/l	98017	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	53
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	35
3	Benzenamine, N-methyl-4-nitro-	152	C7H8N2O2	000100-15-2	14
4	2-Methyl-6-nitroaniline	152	C7H8N2O2	000570-24-1	10



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 27 Nov 2001 12:22 pm
Data File: C:\HPCHEM\1\DATA\NOV2601\28267.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	98017	ISTD01	11.70	3867470	20.0

28267.D GCMS1126.M Fri Nov 30 13:11:07 2001