User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/30/2001 Time: 11:48:36

Sample: AD28434
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

Comments for Sample AD28434 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-03-2001 Time: 12:42:07

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 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\NOV2901\28434.D Vial: 26
Acq On : 29 Nov 2001 12:36 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 15:33 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 : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.69	152	778892	20.00	ug/l	0.00
15) Naphthalene-d8	15.30	136	2955067	20.00	ug/l	0.00
26) Acenaphthene-d10	20.57	164	1392992	20.00	ug/l	0.00
42) Phenanthrene-d10	25.00	188	1939570	20.00	ug/l	0.00
53) Chrysene-d12	33.02	240	985553	20.00	ug/l	-0.01
59) Perylene-d12	37.11	264	595677	20.00	ug/l	0.00
System Monitoring Compounds						
52) 2,4-DDD	30.07	235	84807	3.67	ug/mL	0.00
Spiked Amount 5.000			Recovery = 73.40%			
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitroso-dimethyl amine	5.20	74	761	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	15.36	128	597	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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Sample : 11/21 scan Inst : GC/MS 209
Misc : Multiplr: 1.00
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Quant Time: Nov 29 15:33 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 : GCMS1126

	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	447	N.D.	
38)	Diethylphthalate	22.10	149	355	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	25.05	178	424	N.D.	
49)	Anthracene	25.05	178	424	N.D.	
50)	Di-n-butylphthalate	27.00	149	29952	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	2991	N.D.	
57)	Bis(2-ethylhexyl)phthalate	33.30	149	1391	N.D.	
58)	Chrysene	33.03	228	2991	N.D.	
60)	Di-n-Octylphthalate	0.00	149	0	N.D.	
61)	Benzo(b)fluoranthene	36.13	252	638	N.D.	
62)	Benzo(k)fluoranthene	36.13	252	436	N.D.	
63)	Benzo(a)pyrene	37.11	252	2342	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.	

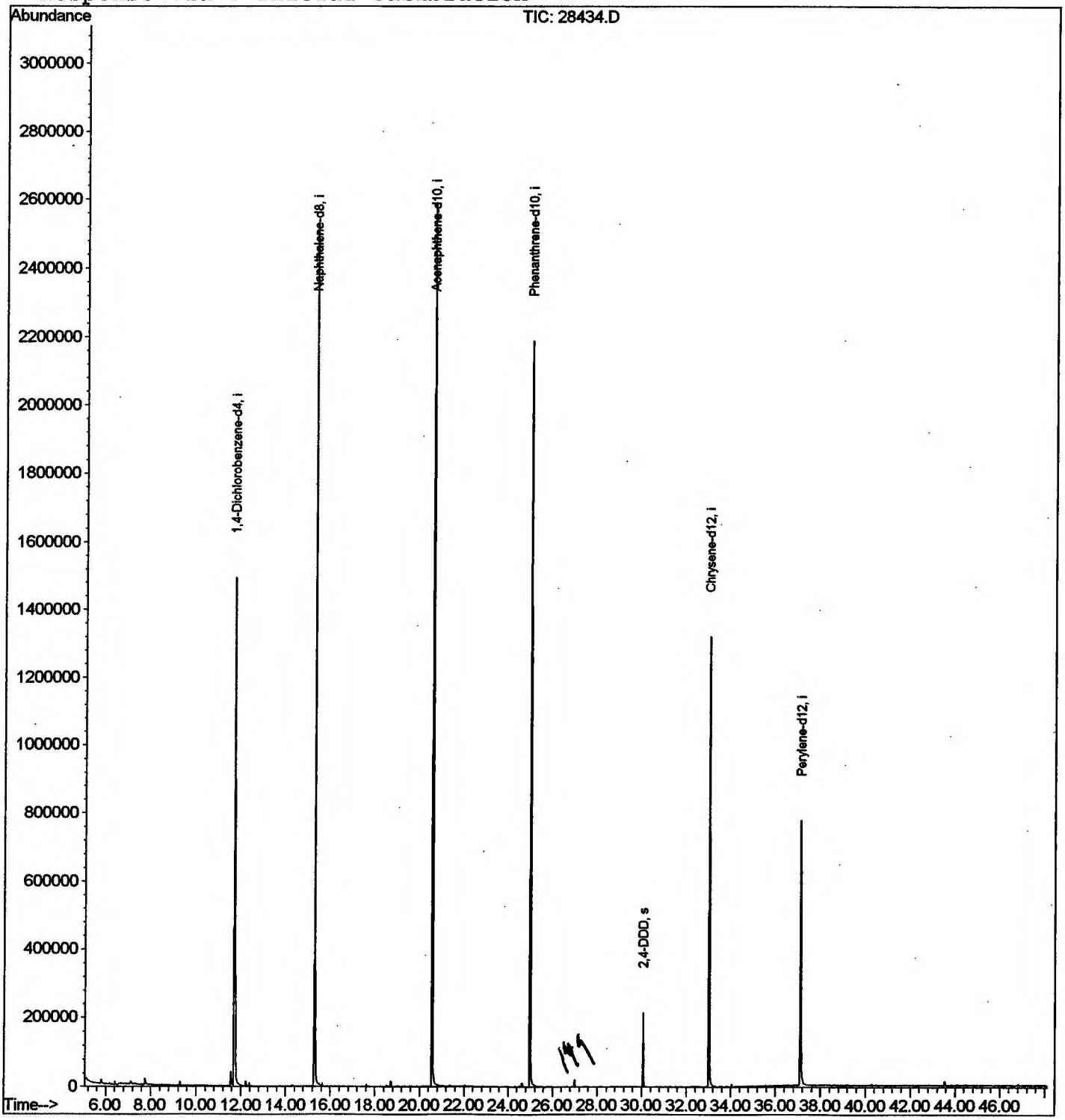
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV2901\28434.D
Acq On : 29 Nov 2001 12:36 pm
Sample : 11/21 scan
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 29 15:33 2001

Vial: 26
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\NOV2901\28434.D Vial: 26
Acq On : 29 Nov 2001 12:36 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

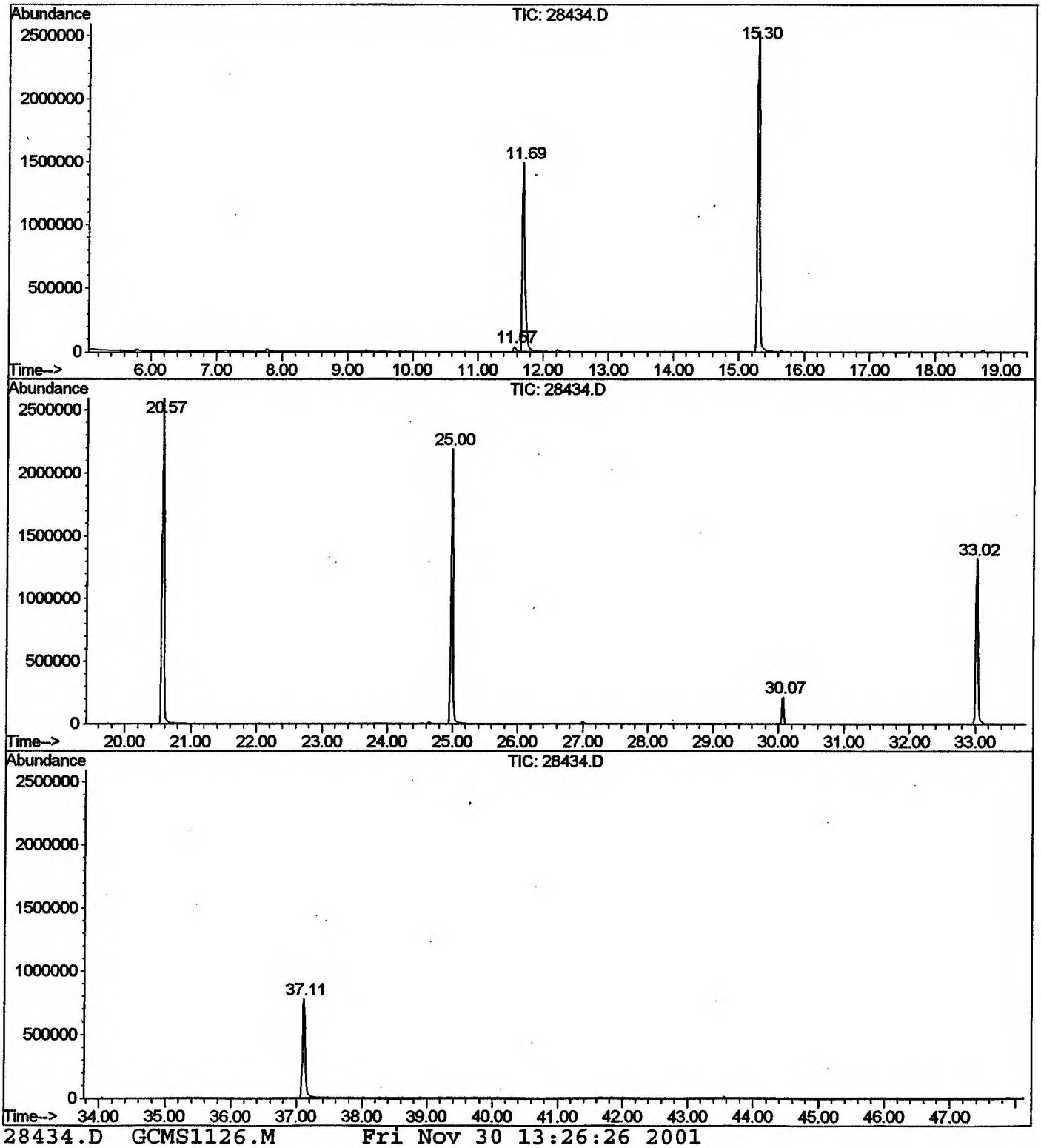
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	11.566	705	710	719	rBV	39961	101706	1.81%	0.394%
2	11.694	719	724	744	rBV	1490224	4077715	72.71%	15.806%
3	15.302	1111	1117	1136	rBV	2532335	5427705	96.78%	21.039%
4	20.572	1685	1691	1709	rBV	2589705	5608414	100.00%	21.739%
5	24.997	2166	2173	2186	rBV2	2187637	4889539	87.18%	18.953%
6	30.073	2720	2726	2733	rBV	213891	440380	7.85%	1.707%
7	33.020	3041	3047	3068	rBV2	1319026	3096062	55.20%	12.001%
8	37.115	3486	3493	3508	rBV2	772276	2157159	38.46%	8.362%

Sum of corrected areas: 25798680

28434.D GCMS1126.M Fri Nov 30 13:26:24 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV2901\28434.D
Operator : 209 GALOS
Acquired : 29 Nov 2001 12:36 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: 11/21 scan
Misc Info :
Vial Number: 26
Quant File :GCMS1126.RES (RTE Integrator)



28434.D GCMS1126.M Fri Nov 30 13:26:26 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2901\28434.D
Acq On : 29 Nov 2001 12:36 pm
Sample : 11/21 scan
Misc :
MS Integration Params: LSCINT.P

Vial: 26
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

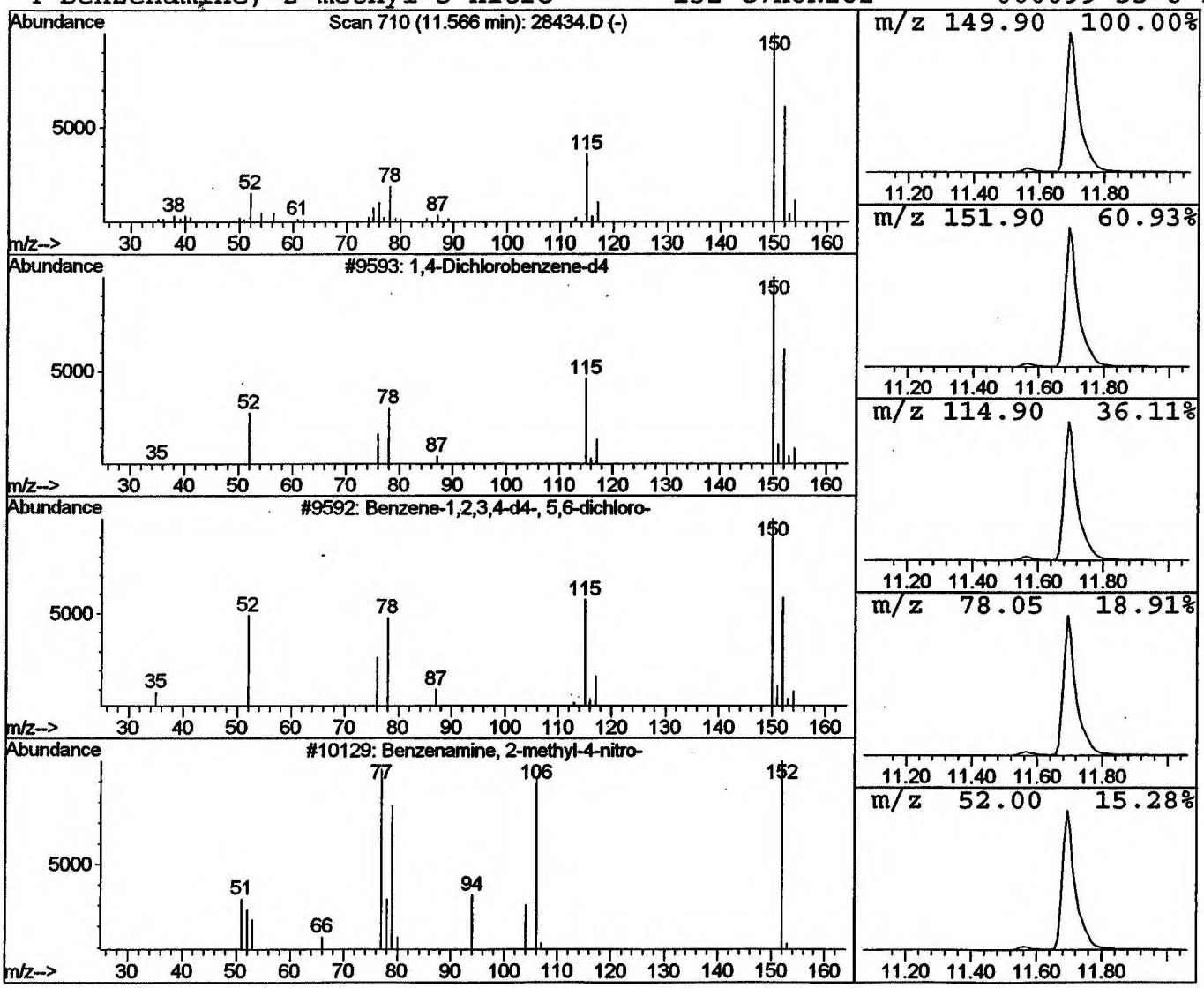
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	0.50 ug/l	101706	1,4-Dichlorobenzene-d4	11.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	50
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	16
3	Benzenamine, 2-methyl-4-nitro-	152	C7H8N2O2	000099-52-5	14
4	Benzenamine, 2-methyl-5-nitro-	152	C7H8N2O2	000099-55-8	10



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 29 Nov 2001 12:36 pm
Data File: C:\HPCHEM\1\DATA\NOV2901\28434.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-	11.57	0.5	ug/l	101706	ISTD01	11.69	4077720	20.0

28434.D GCMS1126.M Fri Nov 30 13:26:31 2001