

Comments for Sample AD28665 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-07-2001 Time: 14:36:40

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 85%. 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\28665.D

Vial: 42

Acq On : 30 Nov 2001 3:16 am

Operator: 209 GALOS

Sample : 11/23 scan

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Nov 30 15:14 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	829137	20.00	ug/l	0.00
15) Naphthalene-d8	15.30	136	3147909	20.00	ug/l	0.00
26) Acenaphthene-d10	20.57	164	1495139	20.00	ug/l	0.00
42) Phenanthrene-d10	25.00	188	2054106	20.00	ug/l	0.00
53) Chrysene-d12	33.03	240	1122848	20.00	ug/l	0.00
59) Perylene-d12	37.11	264	742890	20.00	ug/l	0.00

System Monitoring Compounds

52) 2,4-DDD	30.07	235	104307	4.27	ug/mL	0.00
Spiked Amount	5.000		Recovery	=	85.40%	

Target Compounds

					Qvalue
2) Pyridine	0.00	79	0	N.D.	
3) N-nitroso-dimethyl amine	5.26	74	318	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	887	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\NOV2901\28665.D

Acq On : 30 Nov 2001 3:16 am

Sample : 11/23 scan

Misc :

MS Integration Params: RTEINT.P

Quant Time: Nov 30 15:14 2001

Vial: 42

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/TCPLP 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	21.04	165	237	N.D.		
38) Diethylphthalate	22.10	149	752	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	576	N.D.		
49) Anthracene	25.05	178	576	N.D.		
50) Di-n-butylphthalate	27.01	149	6315	N.D.		
51) Fluoranthene	28.70	202	703	N.D.		
54) Pyrene	29.35	202	656	N.D.		
55) Butylbenzylphthalate	0.00	149	0	N.D.		
56) Benzo(a)anthracene	33.03	228	2965	N.D.		
57) Bis(2-ethylhexyl)phthalate	33.30	149	1804	N.D.		
58) Chrysene	33.10	228	371	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	37.11	252	2598	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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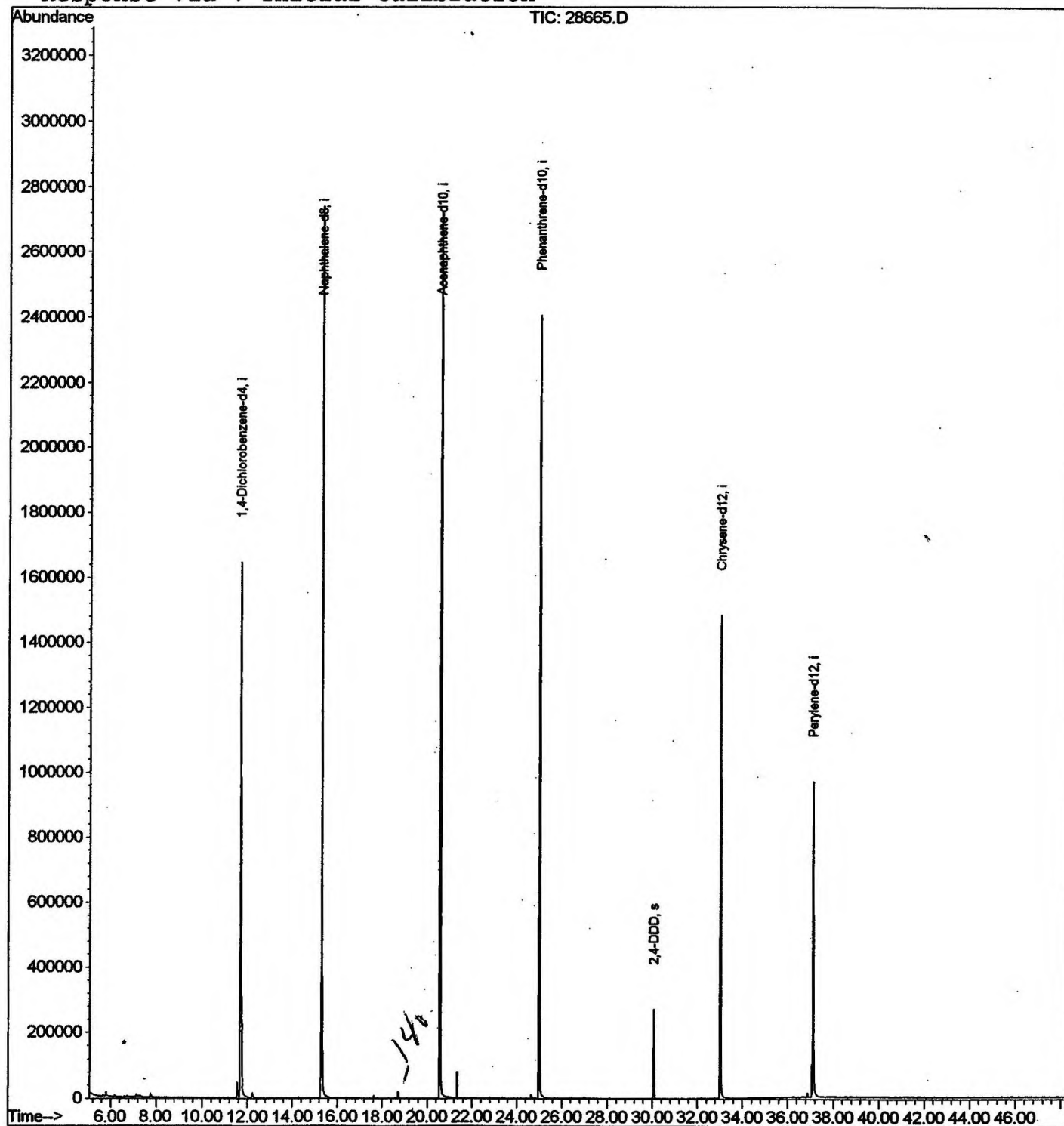
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV2901\28665.D
Acq On : 30 Nov 2001 3:16 am
Sample : 11/23 scan
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 30 15:14 2001

Vial: 42
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



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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV2901\28665.D
 Acq On : 30 Nov 2001 3:16 am
 Sample : 11/23 scan
 Misc :
 MS Integration Params: LSCINT.P

Vial: 42
 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

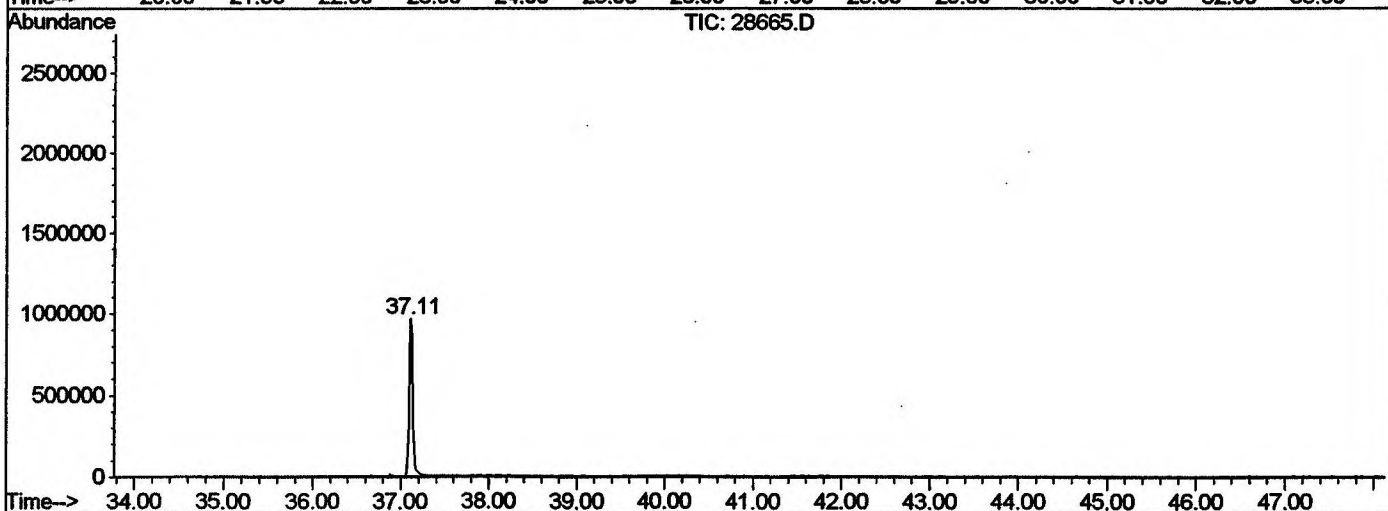
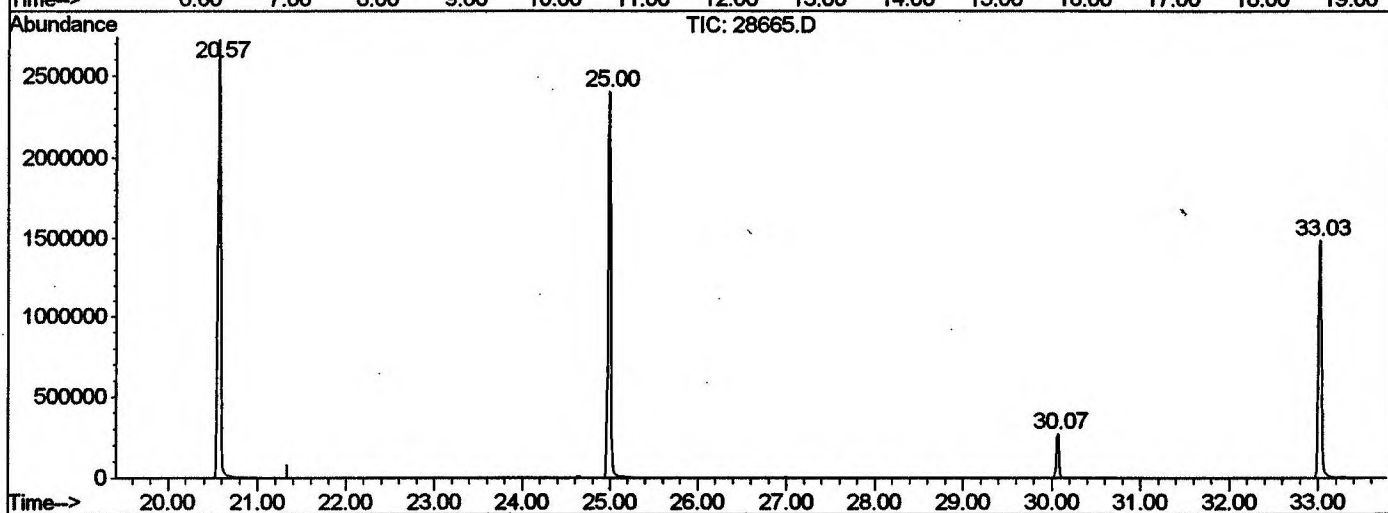
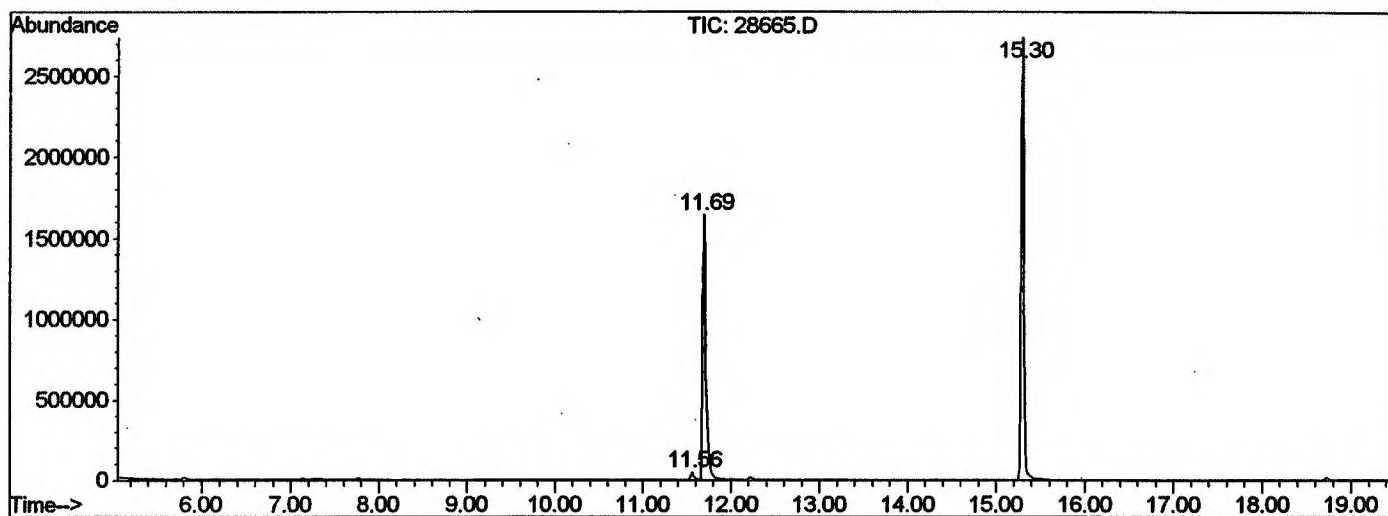
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	11.565	706	710	719	rBV	46361	113115	1.90%	0.401%
2	11.694	719	724	743	rBV	1642691	4347341	73.11%	15.413%
3	15.301	1111	1117	1135	rBV	2736294	5787926	97.34%	20.520%
4	20.571	1685	1691	1713	rBV	2722856	5946205	100.00%	21.082%
5	24.996	2166	2173	2187	rBV2	2402711	5225733	87.88%	18.527%
6	30.072	2720	2726	2736	rBV	269897	555931	9.35%	1.971%
7	33.029	3041	3048	3066	rBV2	1481005	3541997	59.57%	12.558%
8	37.114	3485	3493	3509	rBV2	963512	2687374	45.19%	9.528%

Sum of corrected areas: 28205622

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LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV2901\28665.D
 Operator : 209 GALOS
 Acquired : 30 Nov 2001 3:16 am using AcqMethod GCMS1126
 Instrument : GC/MS 209
 Sample Name: 11/23 scan
 Misc Info :
 Vial Number: 42
 Quant File :GCMS1126.RES (RTE Integrator)



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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2901\28665.D

Acq On : 30 Nov 2001 3:16 am

Sample : 11/23 scan

Misc :

MS Integration Params: LSCINT.P

Vial: 42

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

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

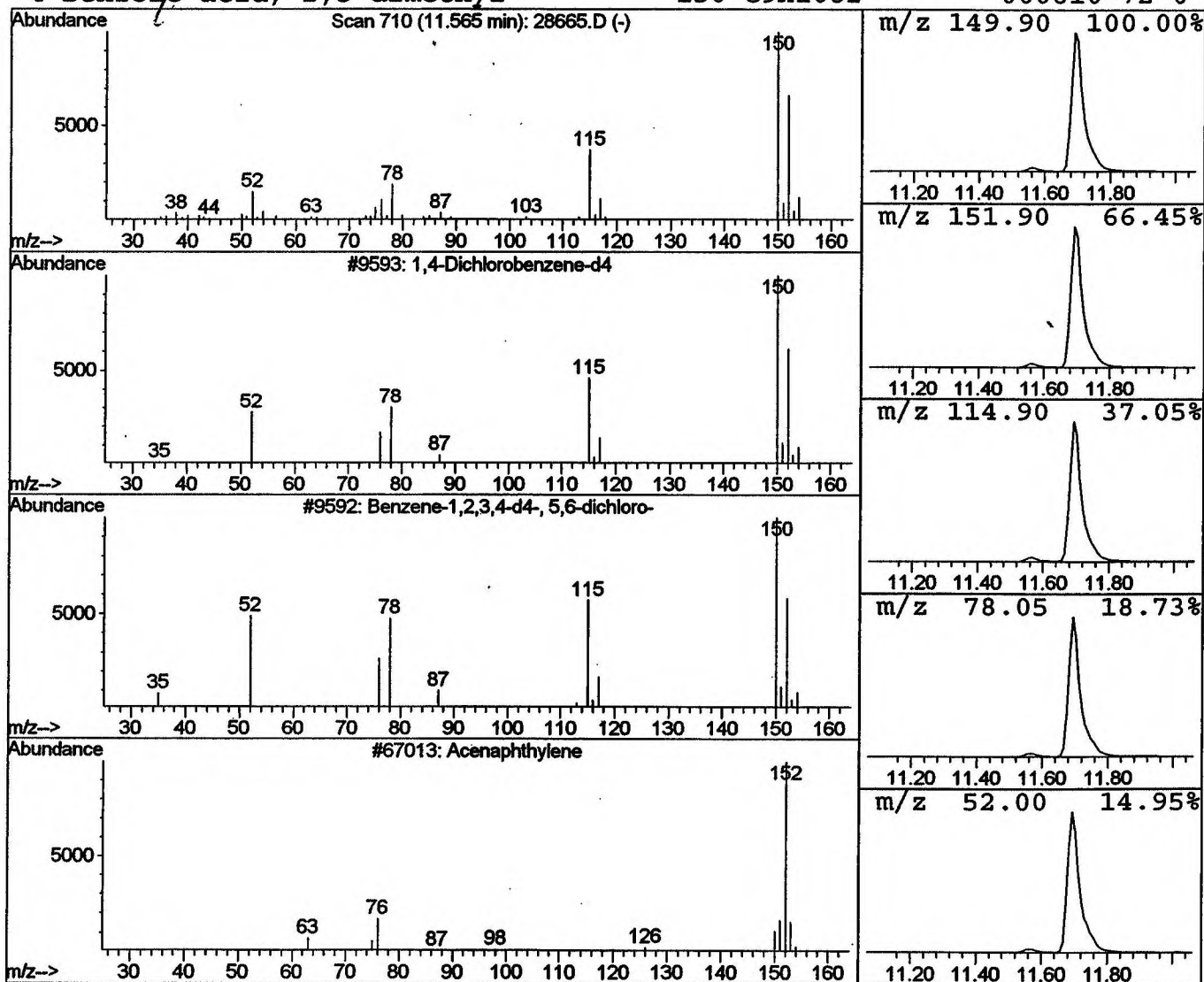
Title : 209 625/TCLP calibration table

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	0.52 ug/l	113115	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	12
3			Acenaphthylene	152	C12H8	000208-96-8	10
4			Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 30 Nov 2001 3:16 am
 Data File: C:\HPCHEM\1\DATA\NOV2901\28665.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-	11.57	0.5	ug/l	113115	ISTD01	11.69	4347340	20.0
28665.D GCMS1126.M Fri Nov 30 16:20:36 2001								