User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/30/2001 Time: 11:30:59

Sample: AD28433
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 AD28433 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-03-2001 Time: 12:15:20

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 64%. 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\NOV2701\28433.D Vial: 23
Acq On : 28 Nov 2001 4:43 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 12:57 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	1044582	20.00	ug/l	0.00
15) Naphthalene-d8	15.31	136	4013826	20.00	ug/l	0.00
26) Acenaphthene-d10	20.58	164	1887986	20.00	ug/l	0.00
42) Phenanthrene-d10	24.99	188	2455635	20.00	ug/l	0.00
53) Chrysene-d12	33.02	240	1054541	20.00	ug/l	-0.01
59) Perylene-d12	37.12	264	639818	20.00	ug/l	0.00
System Monitoring Compounds						
52) 2,4-DDD	30.07	235	93227	3.19	ug/mL	0.00
Spiked Amount 5.000			Recovery = 63.80%			
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitroso-dimethyl amine	5.20	74	665	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	1395	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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Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

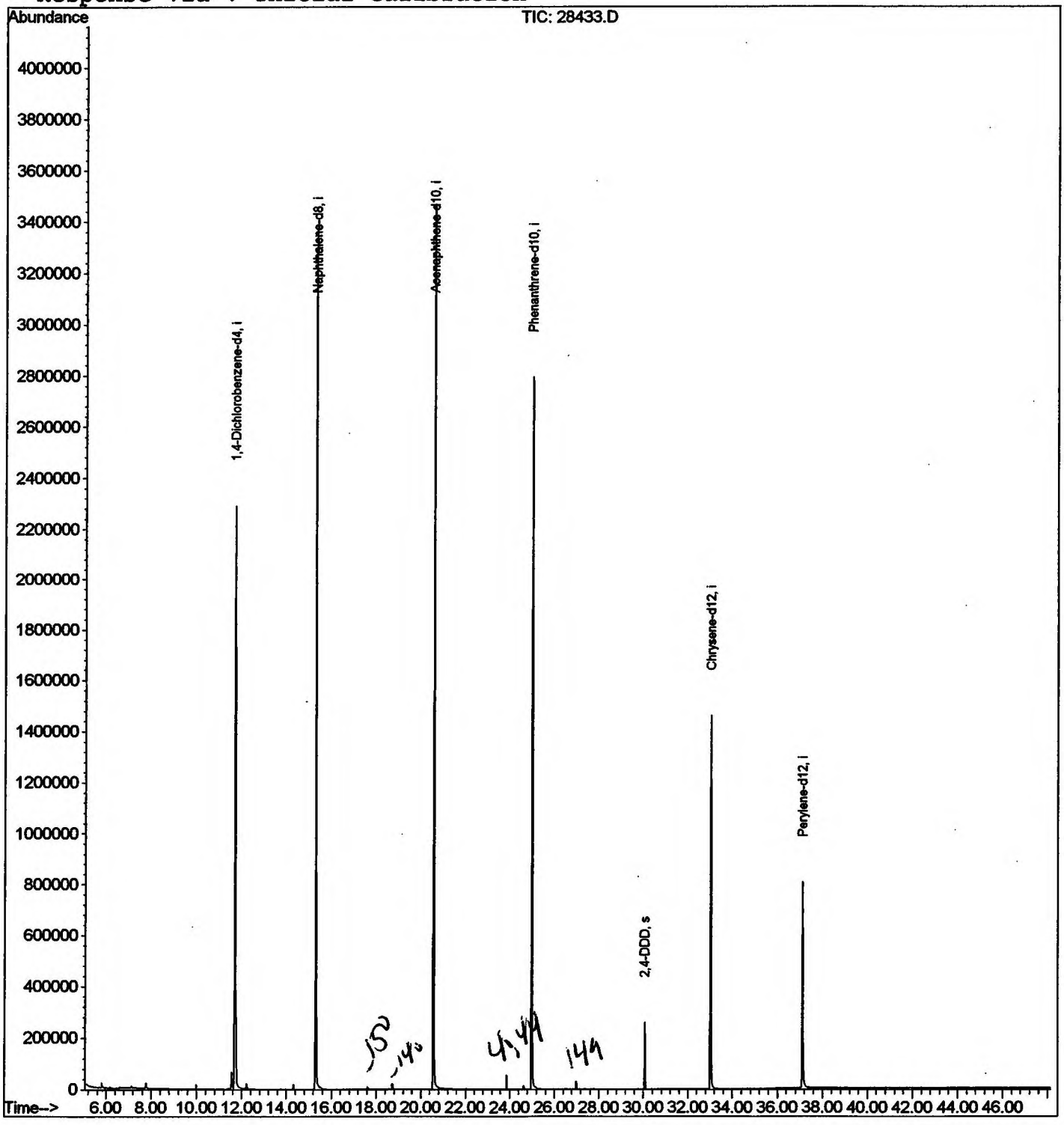
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Acenaphthylene	0.00	152	0	N.D.	
34)	Acenaphthene	0.00	153	0	N.D.	
35)	2,4-Dinitrophenol	0.00	184	0	N.D.	
36)	4-Nitrophenol	0.00	65	0	N.D.	
37)	2,4-Dinitrotoluene	21.23	165	179	N.D.	
38)	Diethylphthalate	22.10	149	556	N.D.	
39)	4-Chlorophenyl-phenylether	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	25.06	178	846	N.D.	
49)	Anthracene	25.06	178	846	N.D.	
50)	Di-n-butylphthalate	27.00	149	38471	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	3055	N.D.	
57)	Bis(2-ethylhexyl)phthalate	33.31	149	1229	N.D.	
58)	Chrysene	33.10	228	721	N.D.	
60)	Di-n-Octylphthalate	35.06	149	385	N.D.	
61)	Benzo(b)fluoranthene	36.09	252	684	N.D.	
62)	Benzo(k)fluoranthene	36.09	252	1434	N.D.	
63)	Benzo(a)pyrene	36.94	252	117	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\NOV2701\28433.D Vial: 23
Acq On : 28 Nov 2001 4:43 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 12:57 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\NOV2701\28433.D Vial: 23
Acq On : 28 Nov 2001 4:43 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

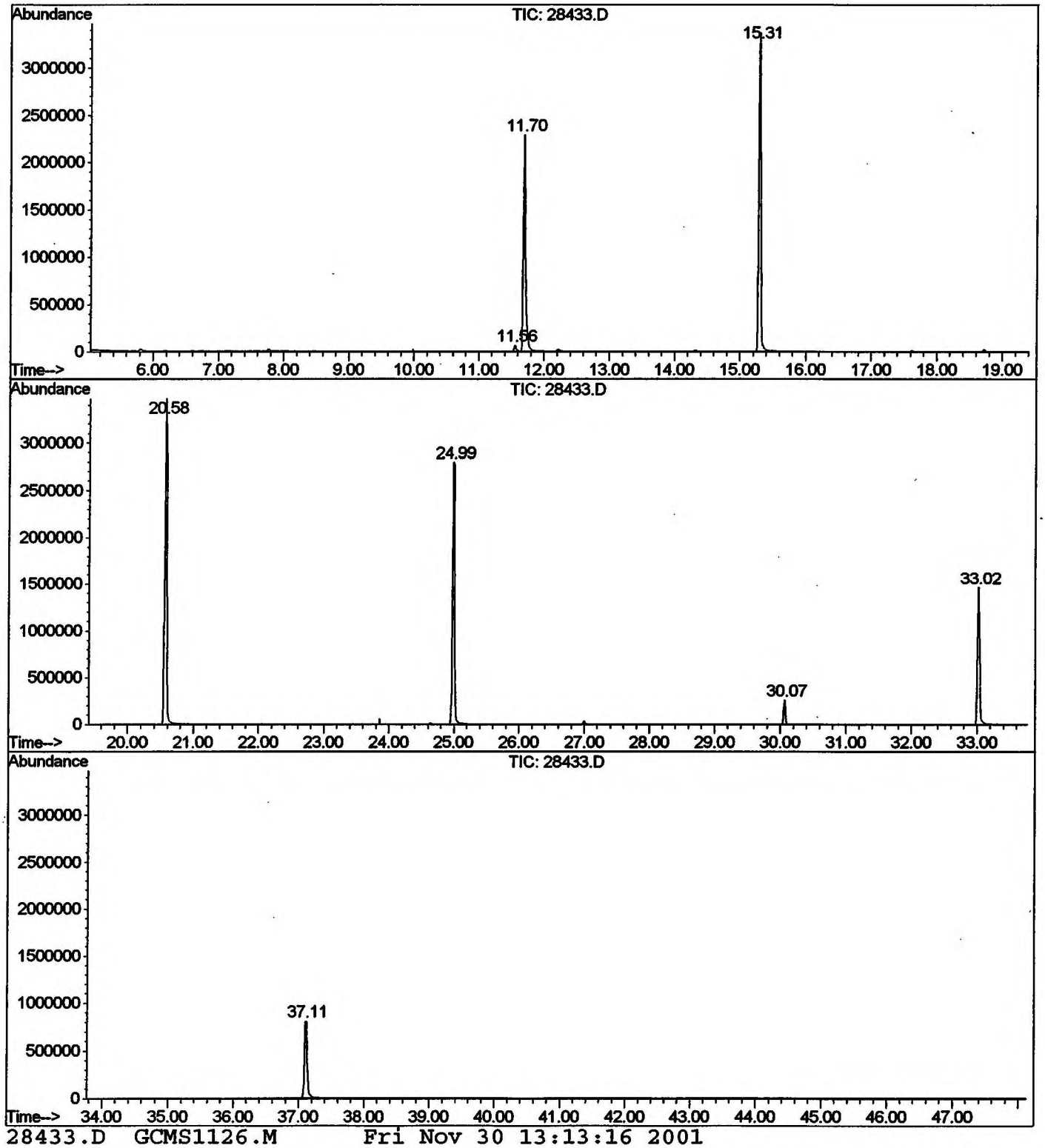
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	11.560	706	710	720	rBV	64656	145192	1.93%	0.441%
2	11.698	720	725	744	rBV	2286596	5500627	73.25%	16.689%
3	15.306	1112	1118	1137	rBV	3370592	7351961	97.91%	22.305%
4	20.575	1685	1692	1708	rBV	3468014	7509255	100.00%	22.783%
5	24.991	2167	2173	2186	rBV2	2792806	6305482	83.97%	19.130%
6	30.067	2721	2726	2737	rBV	257206	495340	6.60%	1.503%
7	33.024	3040	3048	3068	rBV2	1460447	3351498	44.63%	10.168%
8	37.109	3486	3493	3510	rBV2	801859	2301191	30.64%	6.982%

Sum of corrected areas: 32960546

28433.D GCMS1126.M Fri Nov 30 13:13:13 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV2701\28433.D
Operator : 209 GALOS
Acquired : 28 Nov 2001 4:43 pm using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: 11/21 scan
Misc Info :
Vial Number: 23
Quant File :GCMS1126.RES (RTE Integrator)



28433.D GCMS1126.M Fri Nov 30 13:13:16 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2701\28433.D
Acq On : 28 Nov 2001 4:43 pm
Sample : 11/21 scan
Misc :
MS Integration Params: LSCINT.P

Vial: 23
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

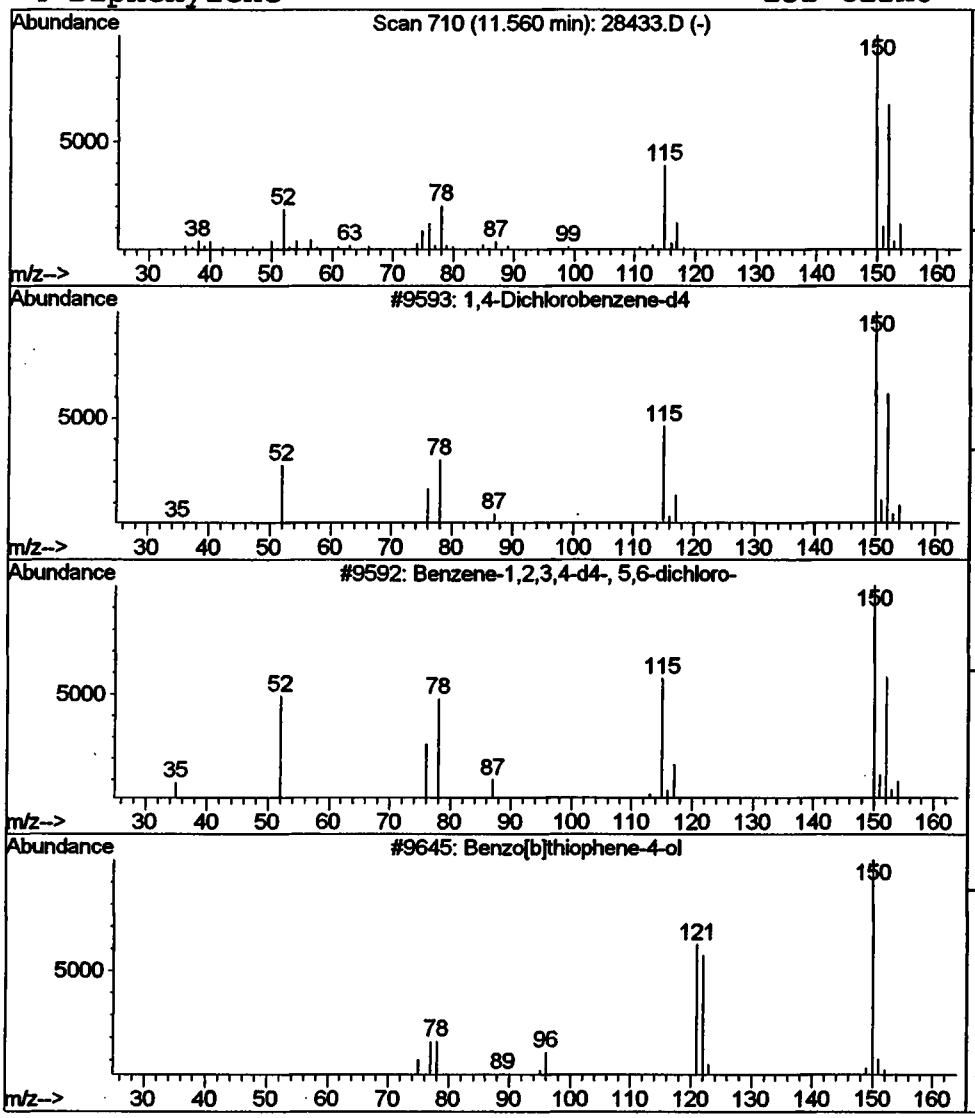
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

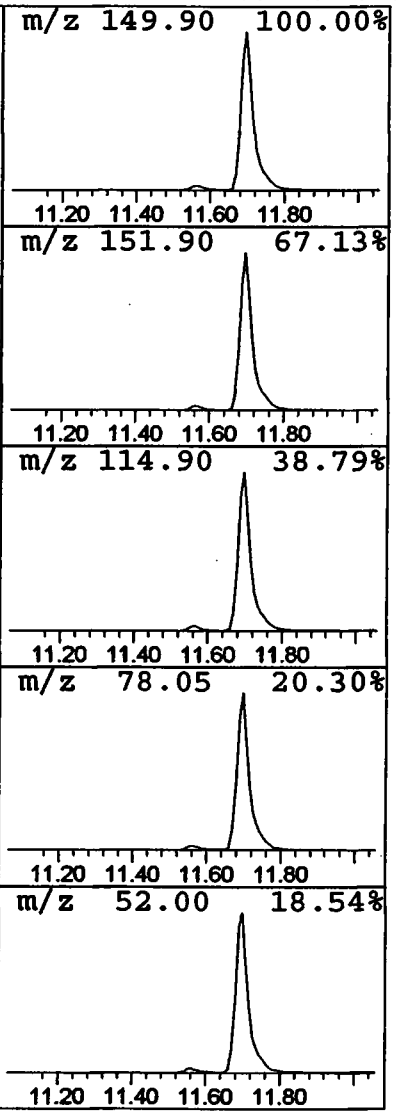
****

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	145192	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	72
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	25
3	Benzo[b]thiophene-4-ol	150	C8H6OS	003610-02-4	23
4	Biphenylene	152	C12H8	000259-79-0	9





Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 28 Nov 2001 4:43 pm
Data File: C:\HPCHEM\1\DATA\NOV2701\28433.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	145192	ISTD01	11.70	5500630	20.0

28433.D GCMS1126.M Fri Nov 30 13:13:20 2001