User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/30/2001 Time: 11:31:49

Sample: AD28470
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 AD28470 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-03-2001 Time: 12:19:19

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 65%. 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\28470.D Vial: 20
Acq On : 28 Nov 2001 1:48 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 12:40 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	11.69	152	1063557	20.00	ug/l	0.00
15) Naphthalene-d8	15.30	136	4024297	20.00	ug/l	0.00
26) Acenaphthene-d10	20.57	164	1888013	20.00	ug/l	0.00
42) Phenanthrene-d10	25.00	188	2457816	20.00	ug/l	0.00
53) Chrysene-d12	33.02	240	1032280	20.00	ug/l	-0.01
59) Perylene-d12	37.11	264	643642	20.00	ug/l	0.00
System Monitoring Compounds						
52) 2,4-DDD	30.07	235	94535	3.23	ug/mL	0.00
Spiked Amount 5.000			Recovery = 64.60%			
Target Compounds						Qvalue
2) Pyridine	5.53	79	9704	N.D.		
3) N-nitroso-dimethyl amine	5.47	74	1459	N.D.		
4) Phenol	11.04	94	2705	N.D.		
5) bis(2-Chloroethyl)ether	11.14	93	2203	N.D.		
6) 2-Chlorophenol	11.29	128	714	N.D.		
7) 1,3-Dichlorobenzene	11.59	146	964	N.D.		
8) 1,4-Dichlorobenzene	11.74	146	1157	N.D.		
9) 1,2-Dichlorobenzene	12.26	146	850	N.D.		
10) 2-Methylphenol	12.65	108	1029	N.D.		
11) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
12) 3&4-Methylphenol	13.07	108	454	N.D.		
13) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
14) Hexachloroethane	0.00	117	0	N.D.		
16) Nitrobenzene	13.41	77	1202	N.D.		
17) Isophorone	14.05	82	2863	N.D.		
18) 2-Nitrophenol	14.35	139	261	N.D.		
19) 2,4-Dimethylphenol	14.48	107	418	N.D.		
20) bis(2-Chloroethoxy)methane	14.72	93	906	N.D.		
21) 2,4-Dichlorophenol	0.00	162	0	N.D.		
22) 1,2,4-Trichlorobenzene	15.19	180	1223	N.D.		
23) Naphthalene	15.36	128	5629	N.D.		
24) Hexachlorobutadiene	15.91	225	534	N.D.		
25) 4-Chloro-3-methylphenol	17.21	107	729	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	18.86	162	2868	N.D.		
31) Dimethylphthalate	19.96	163	3840	N.D.		
32) 2,6-Dinitrotoluene	20.14	165	193	N.D.		

Noise?

(#) = 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	20.11	152	3398	N.D.	
34) Acenaphthene	20.66	153	4032	N.D.	
35) 2,4-Dinitrophenol	0.00	184	0	N.D.	
36) 4-Nitrophenol	21.16	65	281	N.D.	
37) 2,4-Dinitrotoluene	21.29	165	124	N.D.	
38) Diethylphthalate	22.09	149	4426	N.D.	
39) 4-Chlorophenyl-phenylether	22.23	204	1366	N.D.	
40) Fluorene	22.20	166	3399	N.D.	
41) Azobenzen/ 1,2-Diphenylhyd	22.69	77	3121	N.D.	
43) 4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
44) N-Nitrosodiphenylamine	22.63	168	978	N.D.	
45) 4-Bromophenyl-phenylether	23.68	248	588	N.D.	
46) Hexachlorobenzene	24.10	284	894	N.D.	
47) Pentachlorophenol	0.00	266	0	N.D.	
48) Phenanthrene	25.06	178	6216	N.D.	
49) Anthracene	25.06	178	6216	N.D.	
50) Di-n-butylphthalate	27.00	149	39824	N.D.	
51) Fluoranthene	28.68	202	3677	N.D.	
54) Pyrene	29.35	202	4215	N.D.	
55) Butylbenzylphthalate	31.51	149	1746	N.D.	
56) Benzo(a)anthracene	33.10	228	9423	N.D.	
57) Bis(2-ethylhexyl)phthalate	33.31	149	3509	N.D.	
58) Chrysene	32.97	228	8754	N.D.	
60) Di-n-Octylphthalate	35.04	149	2588	N.D.	
61) Benzo(b)fluoranthene	36.07	252	2882	N.D.	
62) Benzo(k)fluoranthene	36.12	252	4675	N.D.	
63) Benzo(a)pyrene	36.95	252	2067	N.D.	
64) Indeno(1,2,3-cd)pyrene	40.83	276	1261	N.D.	
65) Dibenz(a,h)anthracene	40.91	278	696	N.D.	
66) Benzo(g,h,i)perylene	41.93	276	1405	N.D.	

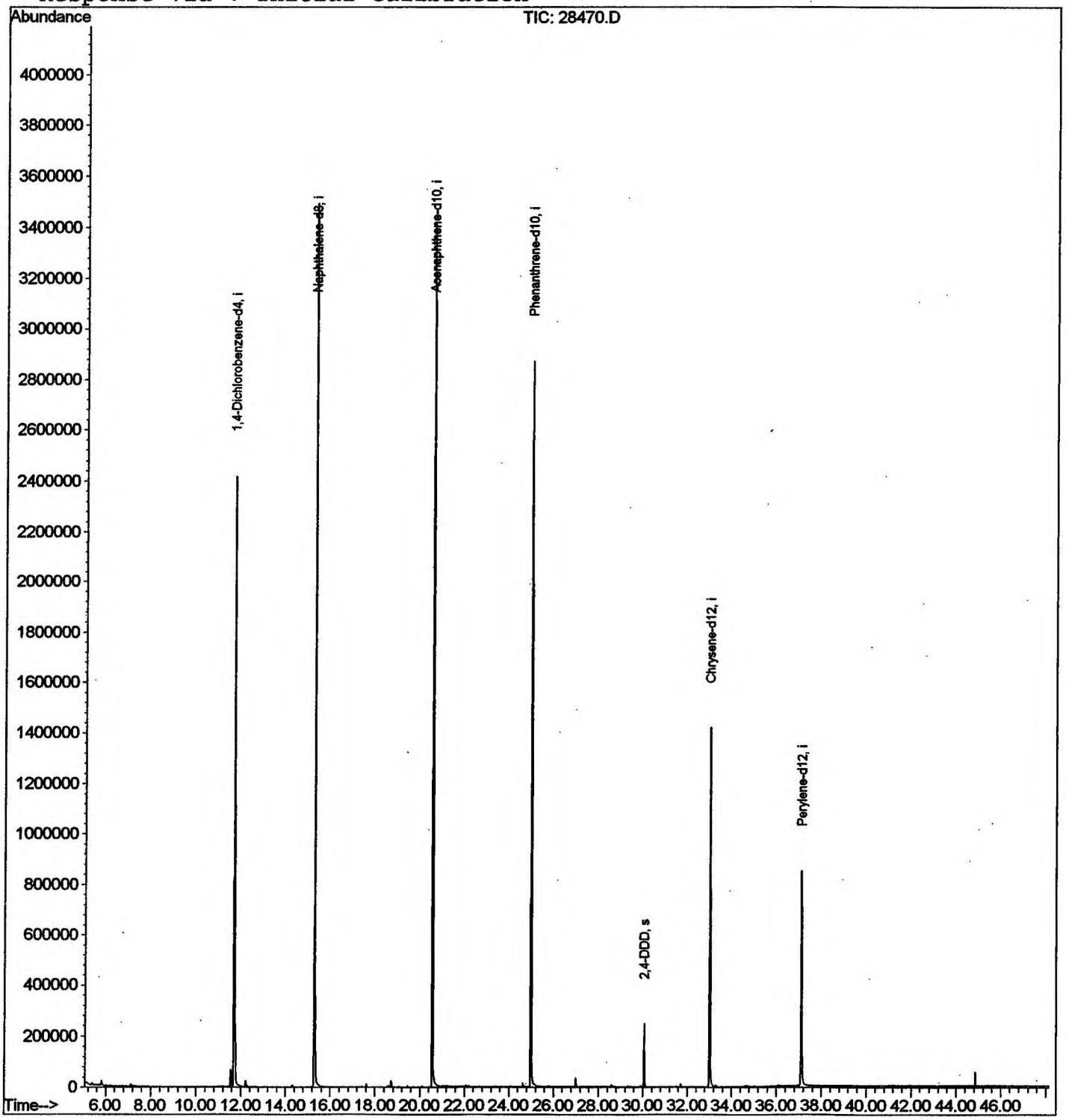
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV2701\28470.D
Acq On : 28 Nov 2001 1:48 pm
Sample : 11/21 scan
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 29 12:40 2001

Vial: 20
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\NOV2701\28470.D Vial: 20
Acq On : 28 Nov 2001 1:48 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

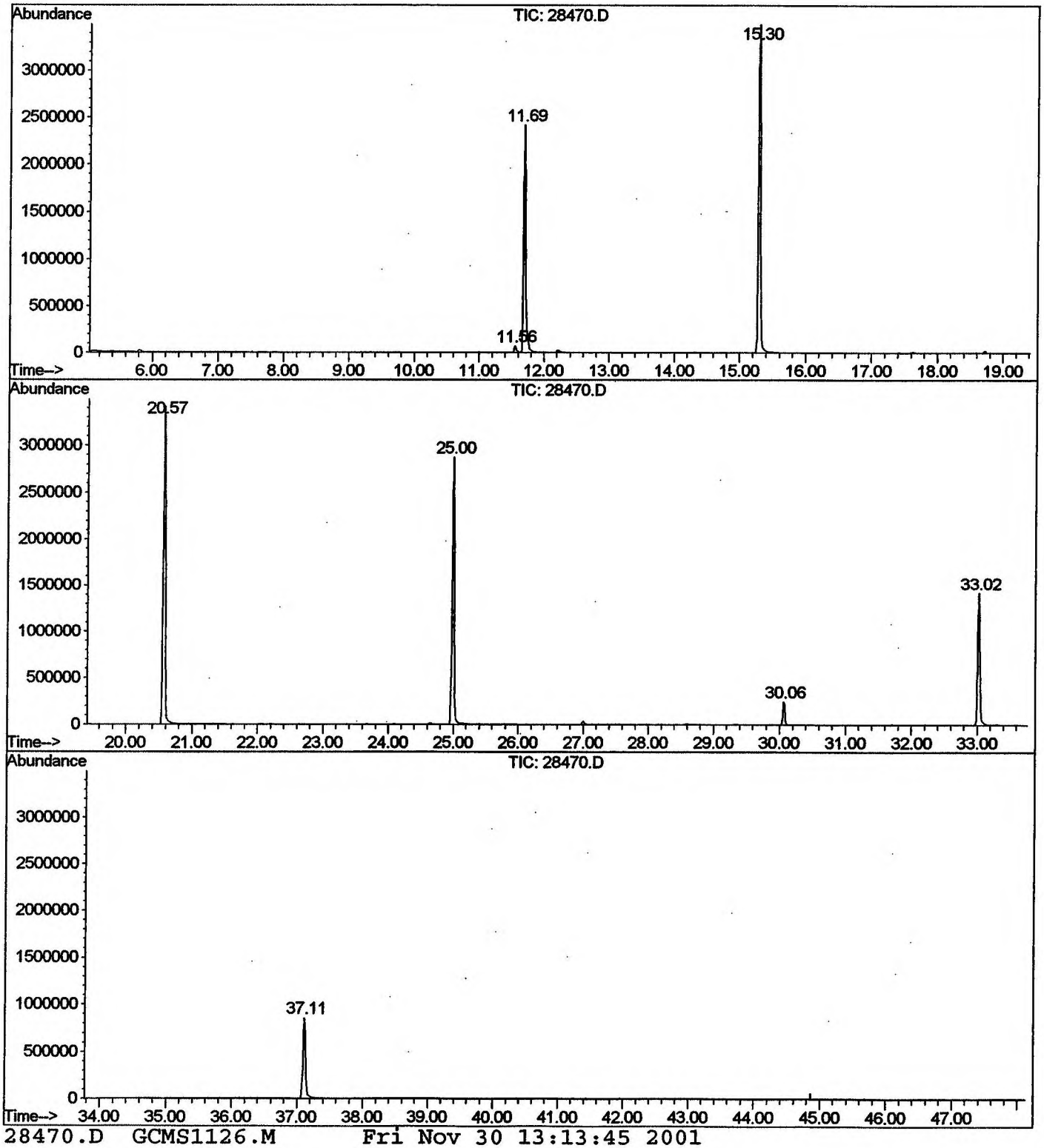
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	11.557	705	709	719	rBV	67219	153922	2.04%	0.466%
2	11.695	719	724	744	rBV	2413390	5569786	73.76%	16.859%
3	15.303	1111	1117	1134	rBV	3491089	7392012	97.89%	22.375%
4	20.572	1685	1691	1714	rBV	3412557	7551469	100.00%	22.858%
5	24.997	2166	2173	2186	rBV2	2869557	6259271	82.89%	18.946%
6	30.064	2720	2725	2733	rBV	245732	500608	6.63%	1.515%
7	33.021	3037	3047	3065	rBV2	1419023	3292576	43.60%	9.966%
8	37.115	3485	3493	3506	rBV	846893	2317160	30.68%	7.014%

Sum of corrected areas: 33036804

28470.D GCMS1126.M Fri Nov 30 13:13:43 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV2701\28470.D
Operator : 209 GALOS
Acquired : 28 Nov 2001 1:48 pm using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: 11/21 scan
Misc Info :
Vial Number: 20
Quant File :GCMS1126.RES (RTE Integrator)



28470.D GCMS1126.M Fri Nov 30 13:13:45 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2701\28470.D Vial: 20
Acq On : 28 Nov 2001 1:48 pm Operator: 209 GALOS
Sample : 11/21 scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

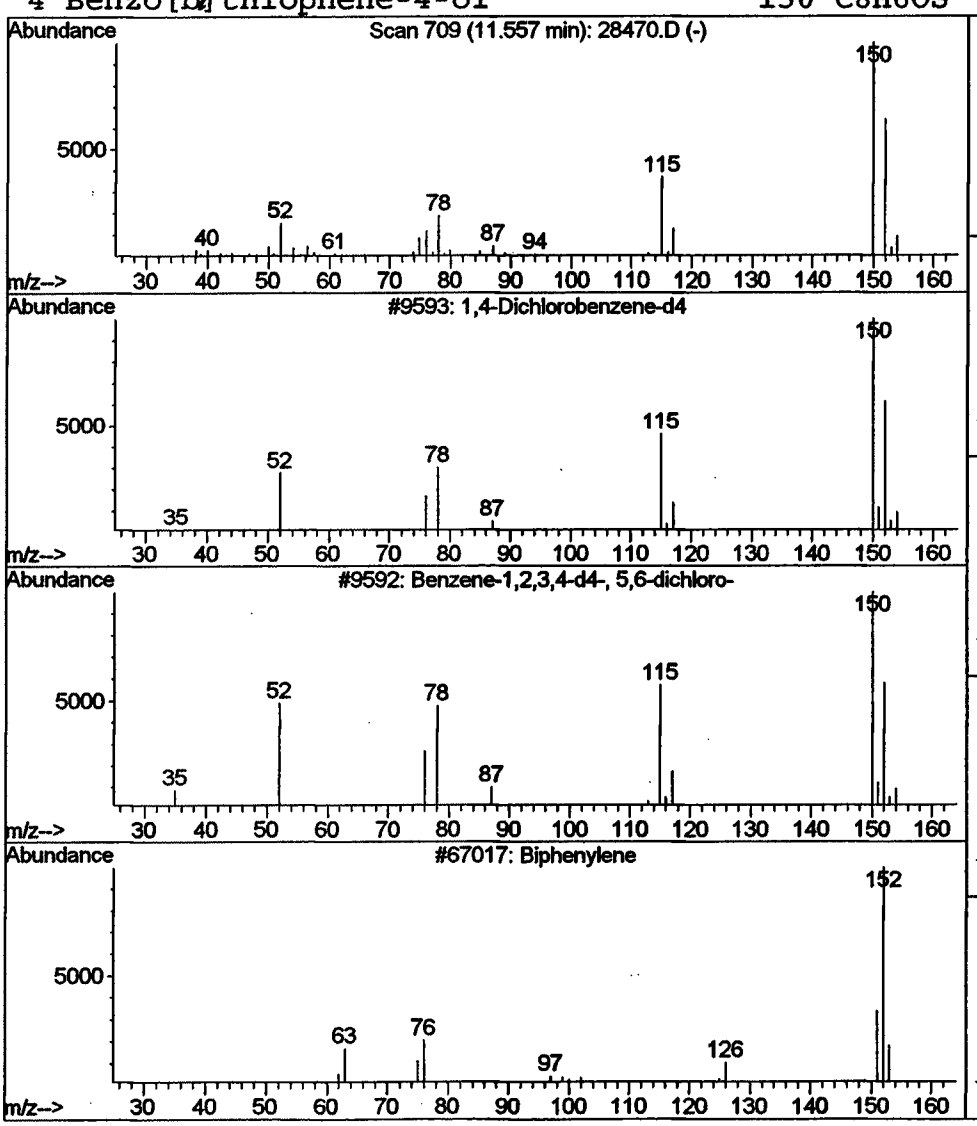
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

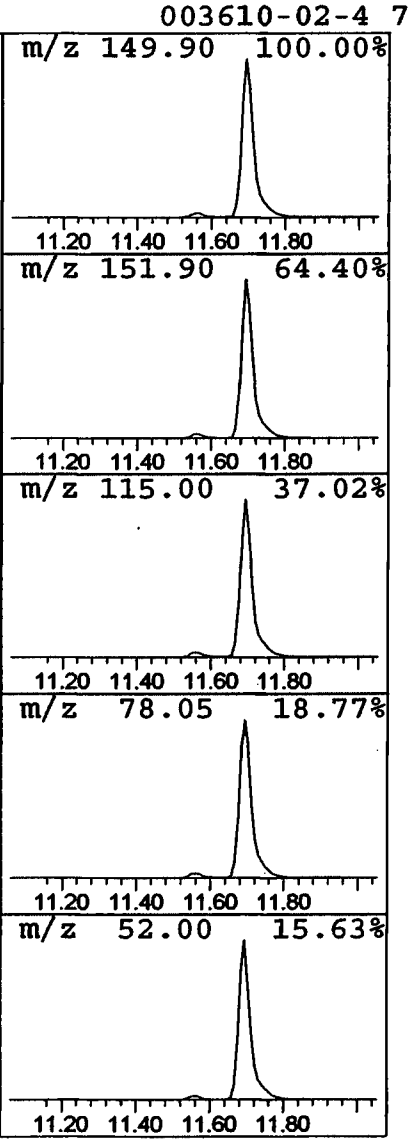
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	0.55 ug/l	153922	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	86
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	27
3	Biphenylene	152	C12H8	000259-79-0	9
4	Benzo[b]thiophene-4-ol	150	C8H6OS	003610-02-4	7





Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 28 Nov 2001 1:48 pm
Data File: C:\HPCHEM\1\DATA\NOV2701\28470.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	0.6	ug/l	153922	ISTD01	11.69	5569790	20.0

28470.D GCMS1126.M Fri Nov 30 13:13:50 2001