User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/30/2001 Time: 11:42:35

Sample: AD28468
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 AD28468 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-03-2001 Time: 12:43:57

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 76%. 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\28468.D Vial: 24
Acq On : 29 Nov 2001 10:39 am Operator: 209 GALOS
Sample : 11/21 scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 29 15:24 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	11.70	152	867731	20.00	ug/l	0.00
15) Naphthalene-d8	15.30	136	3274455	20.00	ug/l	-0.01
26) Acenaphthene-d10	20.57	164	1542443	20.00	ug/l	0.00
42) Phenanthrene-d10	24.99	188	2074595	20.00	ug/l	0.00
53) Chrysene-d12	33.02	240	918703	20.00	ug/l	-0.01
59) Perylene-d12	37.11	264	545915	20.00	ug/l	-0.01
System Monitoring Compounds						
52) 2,4-DDD	30.07	235	94179	3.81	ug/mL	0.00
Spiked Amount 5.000			Recovery = 76.20%			
Target Compounds						Qvalue
2) Pyridine	5.25	79	268	N.D.		
3) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
4) Phenol	11.06	94	198	N.D.		
5) bis(2-Chloroethyl)ether	11.16	93	426	N.D.		
6) 2-Chlorophenol	0.00	128	0	N.D.		
7) 1,3-Dichlorobenzene	11.73	146	235	N.D.		
8) 1,4-Dichlorobenzene	11.73	146	235	N.D.		
9) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
10) 2-Methylphenol	12.40	108	191	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	13.47	77	183	N.D.		
17) Isophorone	14.07	82	1082	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	15.20	180	197	N.D.		
23) Naphthalene	15.36	128	2041	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	18.86	162	608	N.D.		
31) Dimethylphthalate	19.96	163	1079	N.D.		
32) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	

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

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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 : GCMS1126

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Acenaphthylene	20.12	152	1218	N.D.	
34) Acenaphthene	20.67	153	1365	N.D.	
35) 2,4-Dinitrophenol	0.00	184	0	N.D.	
36) 4-Nitrophenol	21.15	65	134	N.D.	
37) 2,4-Dinitrotoluene	20.96	165	113	N.D.	
38) Diethylphthalate	22.09	149	1614	N.D.	
39) 4-Chlorophenyl-phenylether	22.22	204	343	N.D.	
40) Fluorene	22.19	166	960	N.D.	
41) Azobenzen/ 1,2-Diphenylhyd	22.69	77	693	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	24.10	284	292	N.D.	
47) Pentachlorophenol	0.00	266	0	N.D.	
48) Phenanthrene	25.05	178	2770	N.D.	
49) Anthracene	25.19	178	1161	N.D.	
50) Di-n-butylphthalate	27.00	149	5230	N.D.	
51) Fluoranthene	28.69	202	1401	N.D.	
54) Pyrene	29.35	202	1694	N.D.	
55) Butylbenzylphthalate	31.51	149	636	N.D.	
56) Benzo(a)anthracene	33.02	228	5444	N.D.	
57) Bis(2-ethylhexyl)phthalate	33.30	149	2661	N.D.	
58) Chrysene	33.09	228	4265	N.D.	
60) Di-n-Octylphthalate	35.05	149	955	N.D.	
61) Benzo(b)fluoranthene	36.06	252	1672	N.D.	
62) Benzo(k)fluoranthene	36.12	252	3542	N.D.	
63) Benzo(a)pyrene	36.93	252	918	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	41.92	276	210	N.D.	

more noise?

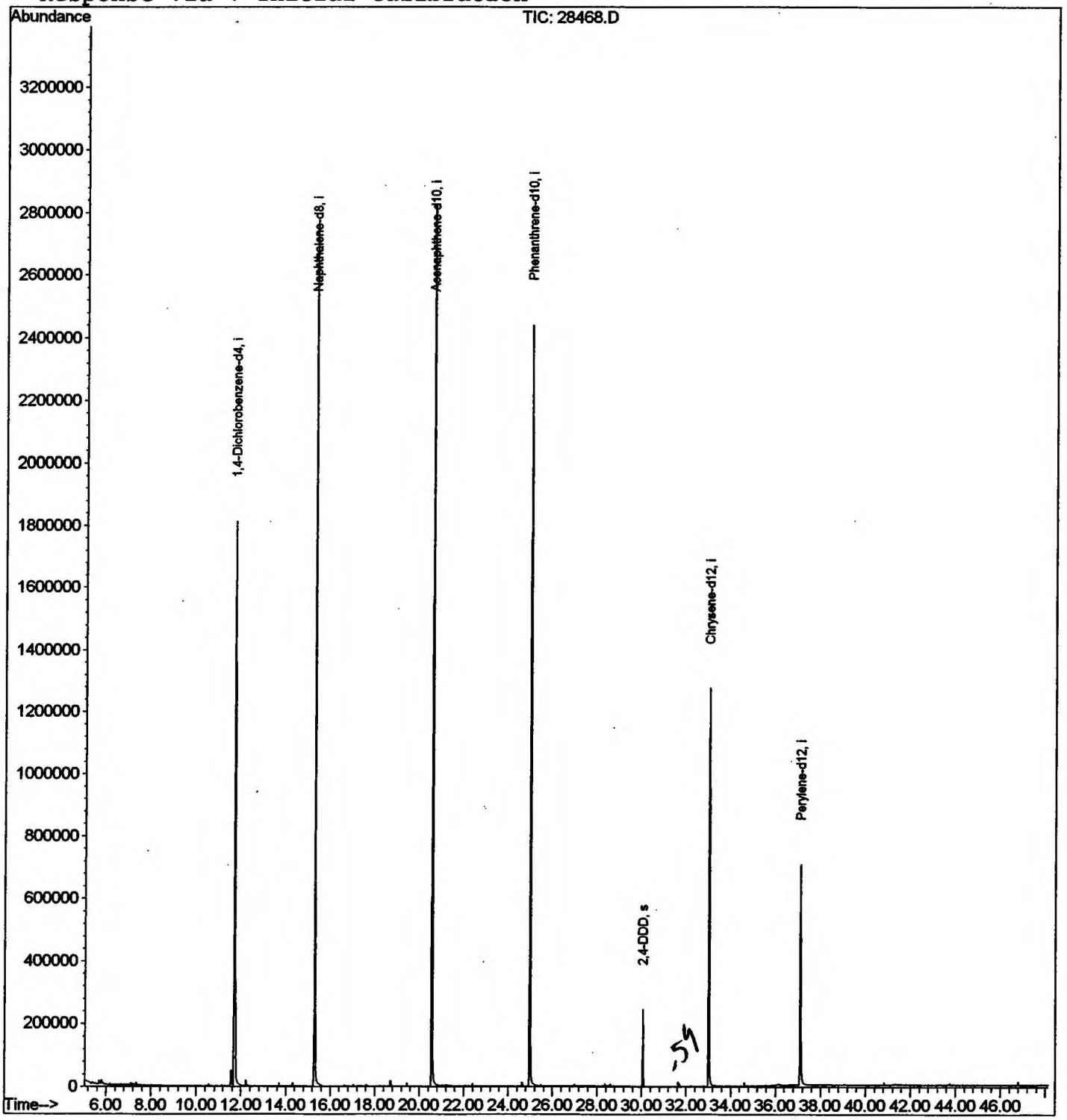
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV2901\28468.D
Acq On : 29 Nov 2001 10:39 am
Sample : 11/21 scan
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 29 15:24 2001

Vial: 24
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\28468.D Vial: 24
Acq On : 29 Nov 2001 10:39 am 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

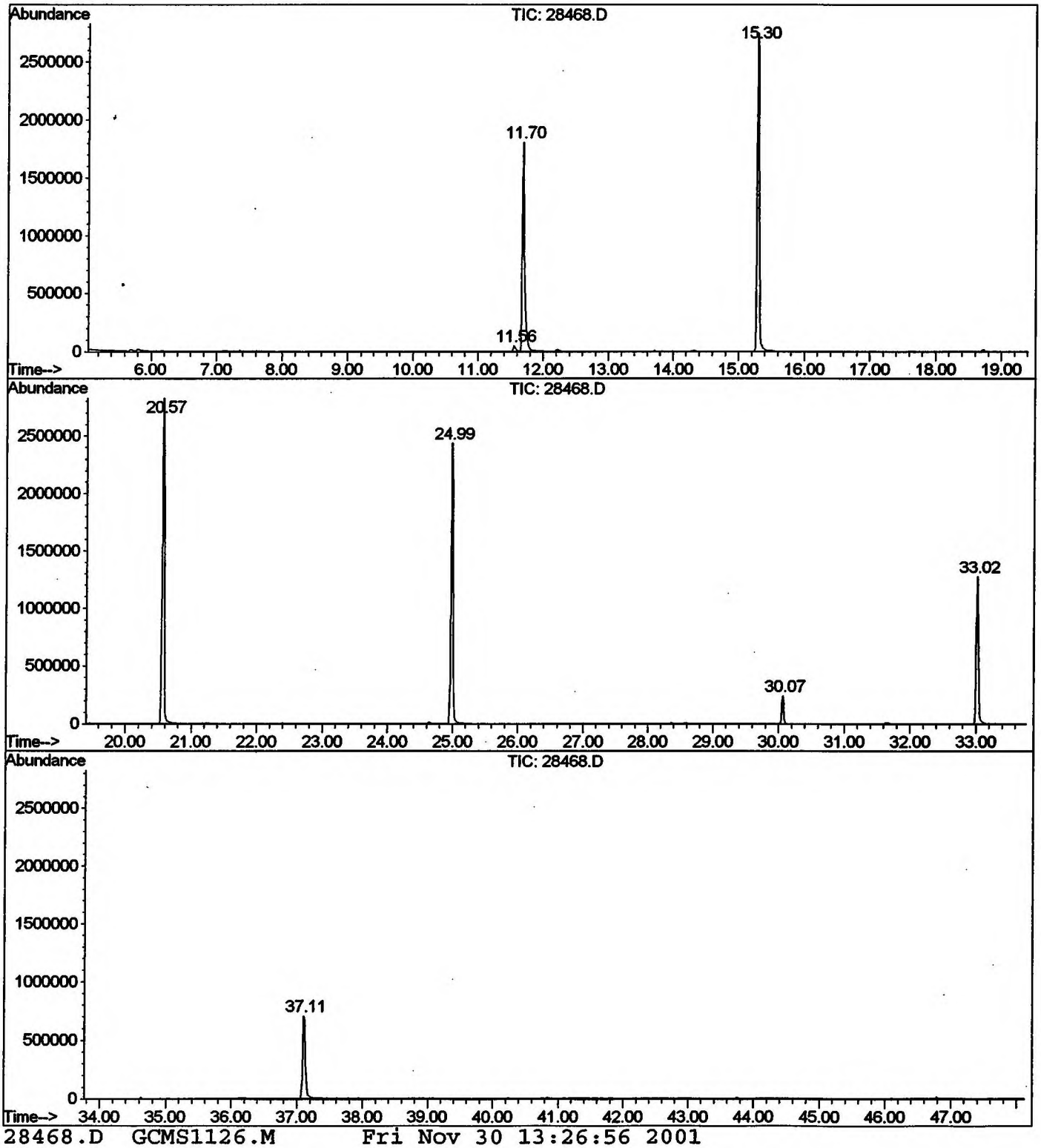
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	11.559	706	710	720	rBV	48090	117051	1.90%	0.427%
2	11.697	720	725	744	rBV	1807777	4510101	73.17%	16.465%
3	15.295	1112	1117	1135	rBV	2746358	6009902	97.50%	21.941%
4	20.574	1685	1692	1709	rBV	2826730	6164230	100.00%	22.504%
5	24.990	2167	2173	2187	rBV2	2437442	5220786	84.69%	19.060%
6	30.066	2721	2726	2734	rBV	243762	486402	7.89%	1.776%
7	33.023	3040	3048	3066	rBV2	1275090	2929379	47.52%	10.694%
8	37.108	3486	3493	3513	rBV2	701418	1953630	31.69%	7.132%

Sum of corrected areas: 27391481

28468.D GCMS1126.M Fri Nov 30 13:26:53 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV2901\28468.D
Operator : 209 GALOS
Acquired : 29 Nov 2001 10:39 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: 11/21 scan
Misc Info :
Vial Number: 24
Quant File :GCMS1126.RES (RTE Integrator)



28468.D GCMS1126.M Fri Nov 30 13:26:56 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2901\28468.D
Acq On : 29 Nov 2001 10:39 am
Sample : 11/21 scan
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

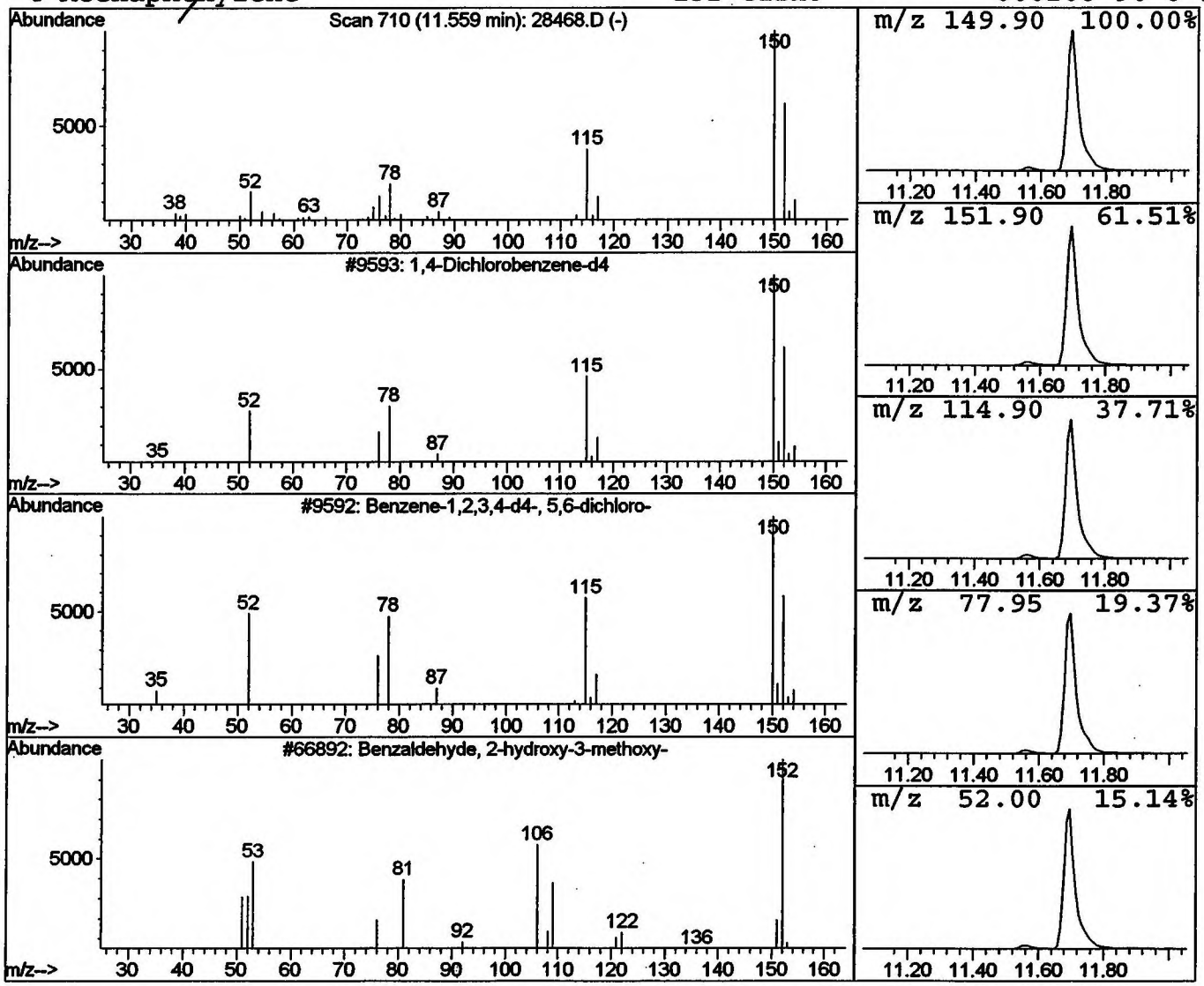
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	0.52 ug/l	117051	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	17
3	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10
4	Acenaphthylene	152	C12H8	000208-96-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 29 Nov 2001 10:39 am
Data File: C:\HPCHEM\1\DATA\NOV2901\28468.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	117051	ISTD01	11.70	4510100	20.0

28468.D GCMS1126.M Fri Nov 30 13:27:00 2001