Comments for Sample AD28325 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 11-29-2001 Time: 10:39:22

NYC

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
Recoveries for 14 of the 44 compounds in the LCS Standard were outside of their acceptance ranges. The recovery for the Surrogate Standard in this sample was 61%.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 11/29/2001 Time: 10:39:25

Sample: AD28325
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/29/01 10:37 Ended: 11/29/01 10:37 Analyst: DLV
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV2601\28325.D Vial: 14
Acq On : 28 Nov 2001 5:59 am Operator: 209 GALOS
Sample : 11/20 scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 28 9:24 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Nov 27 12:20:14 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	894049	20.00	ug/l	0.00
15) Naphthalene-d8	15.30	136	3371798	20.00	ug/l	0.00
26) Acenaphthene-d10	20.57	164	1606114	20.00	ug/l	0.00
42) Phenanthrene-d10	24.99	188	2191615	20.00	ug/l	0.00
53) Chrysene-d12	33.02	240	1009594	20.00	ug/l	-0.01
59) Perylene-d12	37.12	264	595905	20.00	ug/l	0.00
System Monitoring Compounds						
52) 2,4-DDD	30.07	235	79861	3.06	ug/mL	0.00
Spiked Amount 5.000			Recovery =	61.20%		
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitroso-dimethyl amine	5.22	74	235	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	13.13	77	133	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	15.35	128	582	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.		

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

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Title : 209 625/TCLP calibration table
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Response via : Initial Calibration
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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	20.85	165	1450	N.D.	
38) Diethylphthalate	22.09	149	1125	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	22.73	77	105	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	24.99	178	842	N.D.	
49) Anthracene	24.99	178	842	N.D.	
50) Di-n-butylphthalate	27.00	149	3187	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	2859	N.D.	
57) Bis(2-ethylhexyl)phthalate	33.30	149	1688	N.D.	
58) Chrysene	33.02	228	2859	N.D.	
60) Di-n-Octylphthalate	35.06	149	191	N.D.	
61) Benzo(b)fluoranthene	36.07	252	183	N.D.	
62) Benzo(k)fluoranthene	36.07	252	183	N.D.	
63) Benzo(a)pyrene	37.12	252	2373	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.	

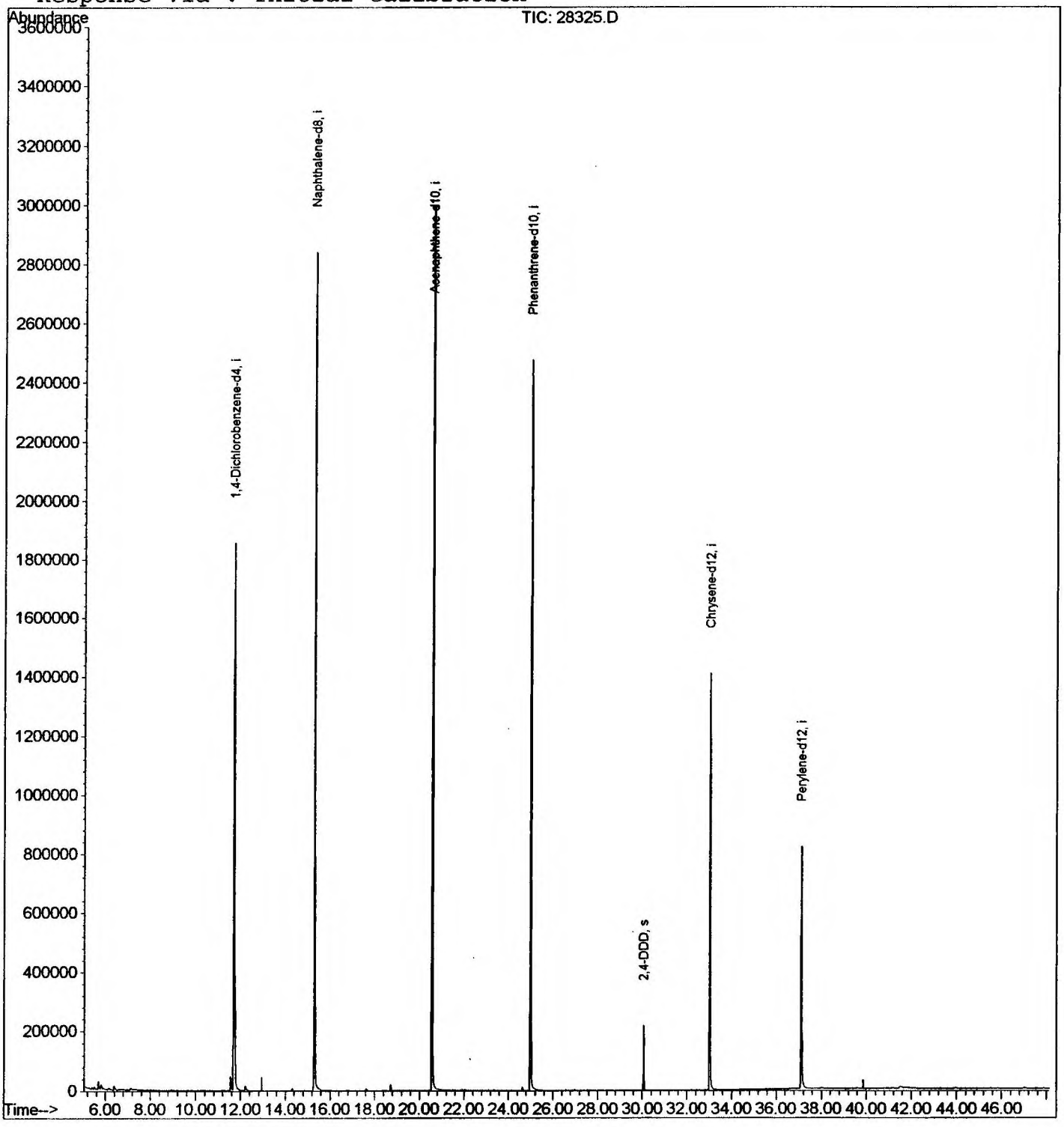
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28325.D
Acq On : 28 Nov 2001 5:59 am
Sample : 11/20 scan
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 28 9:24 2001

Vial: 14
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 : Tue Nov 27 12:20:14 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28325.D Vial: 14
Acq On : 28 Nov 2001 5:59 am Operator: 209 GALOS
Sample : 11/20 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

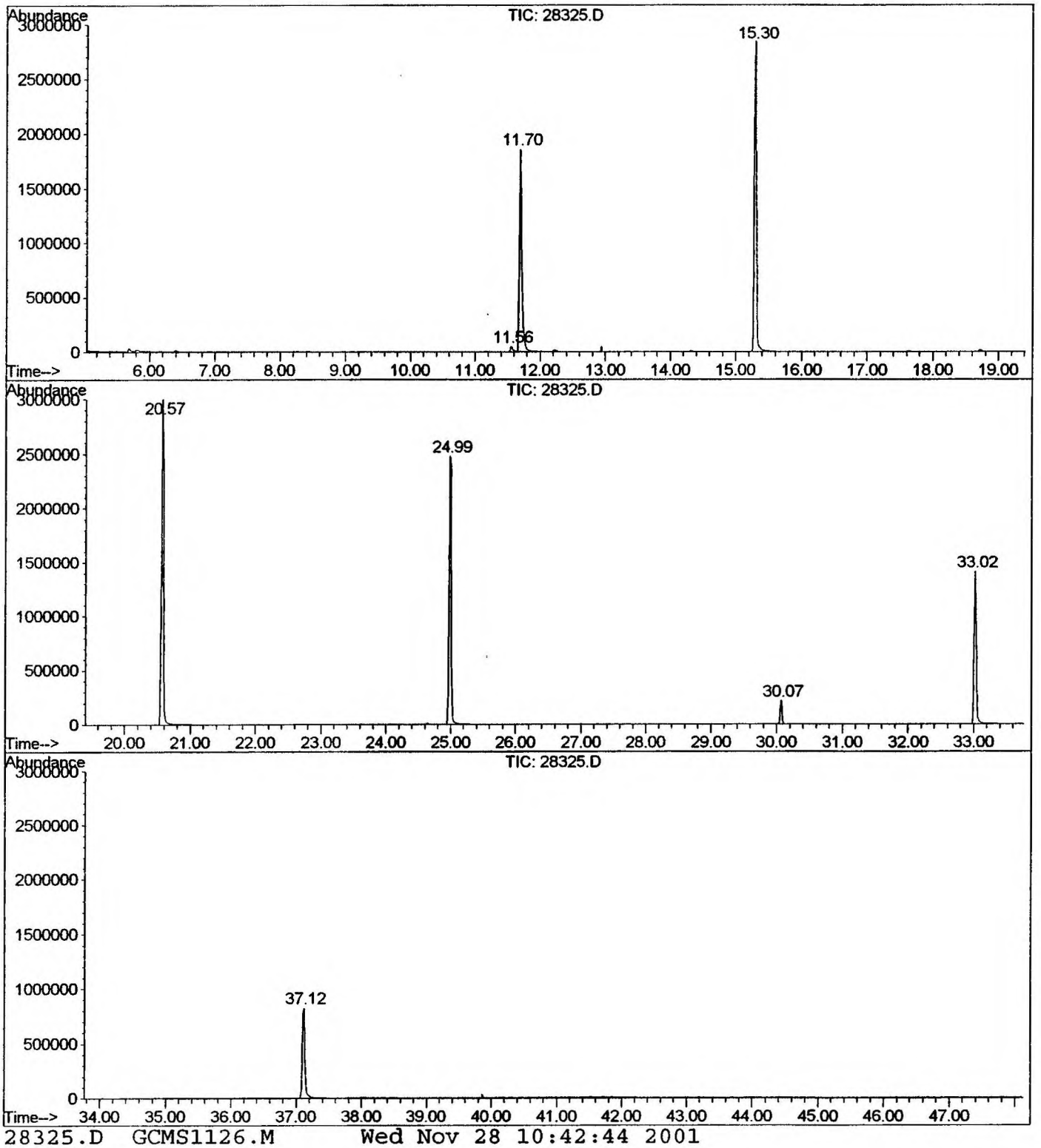
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	11.559	705	710	720	rBV	47969	120333	1.89%	0.421%
2	11.697	720	725	745	rBV	1853561	4648225	73.01%	16.257%
3	15.304	1112	1118	1137	rBV	2841133	6166295	96.86%	21.567%
4	20.574	1686	1692	1709	rBV	2998598	6366342	100.00%	22.267%
5	24.990	2167	2173	2186	rBV2	2474911	5522705	86.75%	19.316%
6	30.066	2721	2726	2733	rBV	216902	420785	6.61%	1.472%
7	33.022	3042	3048	3070	rBV2	1408139	3180117	49.95%	11.123%
8	37.117	3486	3494	3517	rBV2	816578	2166570	34.03%	7.578%

Sum of corrected areas: 28591372

28325.D GCMS1126.M Wed Nov 28 10:42:41 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV2601\28325.D
Operator : 209 GALOS
Acquired : 28 Nov 2001 5:59 am using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: 11/20 scan
Misc Info :
Vial Number: 14
Quant File :GCMS1126.RES (RTE Integrator)



28325.D GCMS1126.M Wed Nov 28 10:42:44 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28325.D
Acq On : 28 Nov 2001 5:59 am
Sample : 11/20 scan
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

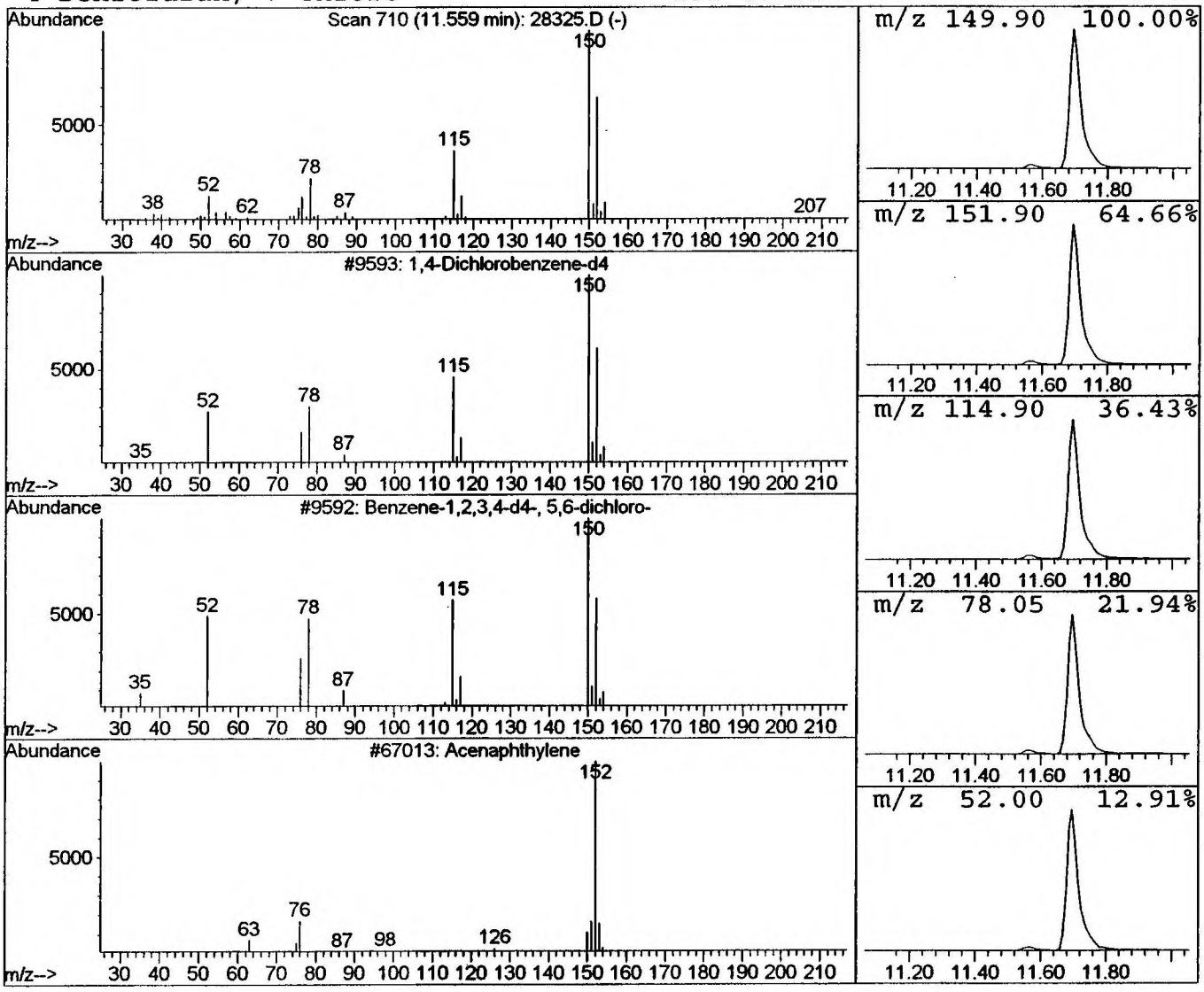
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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	120333	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	94
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	33
3	Acenaphthylene	152	C12H8	000208-96-8	9
4	Benzofuran, 7-chloro-	152	C8H5ClO	024410-55-7	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 28 Nov 2001 5:59 am
Data File: C:\HPCHEM\1\DATA\NOV2601\28325.D
Name: 11/20 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	120333	ISTD01	11.70	4648230	20.0

28325.D GCMS1126.M Wed Nov 28 10:42:52 2001