

Comments for Sample AD28597 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-07-2001 Time: 14:40:13

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 75%. 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\28597.D
 Acq On : 30 Nov 2001 7:11 am
 Sample : 11/23 scan
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Nov 30 15:10 2001

Vial: 46
 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/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	910092	20.00	ug/l	0.00
15) Naphthalene-d8	15.30	136	3488887	20.00	ug/l	0.00
26) Acenaphthene-d10	20.57	164	1648659	20.00	ug/l	0.00
42) Phenanthrene-d10	25.00	188	2252520	20.00	ug/l	0.00
53) Chrysene-d12	33.02	240	1115769	20.00	ug/l	-0.01
59) Perylene-d12	37.11	264	701230	20.00	ug/l	0.00

System Monitoring Compounds

52) 2,4-DDD	30.07	235	100465	3.75	ug/mL	0.00
Spiked Amount	5.000		Recovery	=	75.00%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitroso-dimethyl amine	0.00	74	0	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	12.35	108	202	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	14.06	82	252	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	705	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\28597.D

Acq On : 30 Nov 2001 7:11 am

Sample : 11/23 scan

Misc :

MS Integration Params: RTEINT.P

Quant Time: Nov 30 15:10 2001

Vial: 46

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/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	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	20.94	165	273	N.D.		
38) Diethylphthalate	22.09	149	707	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	22.93	77	113	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	349	N.D.		
49) Anthracene	25.05	178	349	N.D.		
50) Di-n-butylphthalate	27.01	149	5208	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	2628	N.D.		
57) Bis(2-ethylhexyl)phthalate	33.30	149	5418	N.D.		
58) Chrysene	33.02	228	2628	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	2764	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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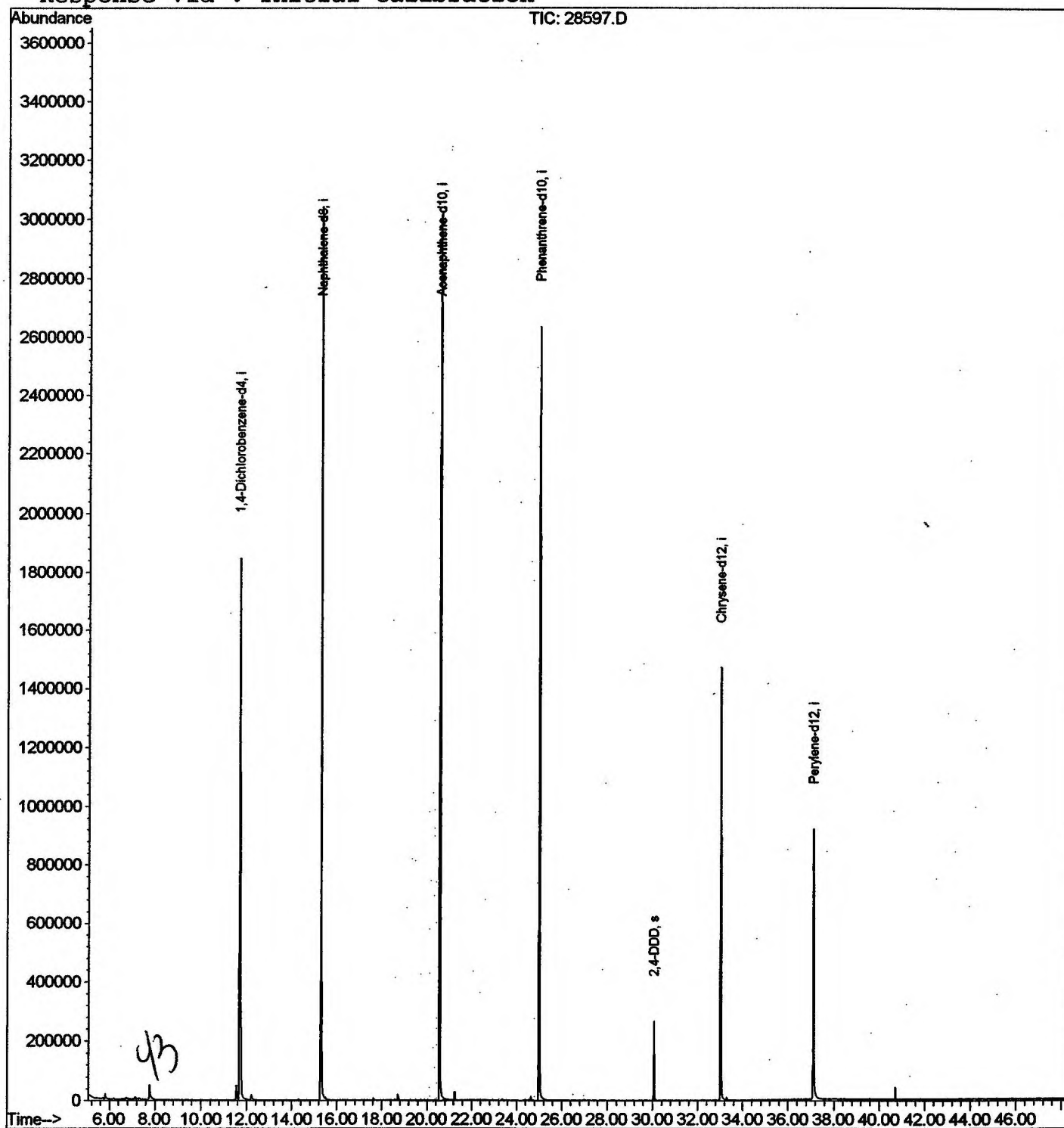
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV2901\28597.D
Acq On : 30 Nov 2001 7:11 am
Sample : 11/23 scan
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 30 15:10 2001

Vial: 46
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\28597.D

Acq On : 30 Nov 2001 7:11 am

Sample : 11/23 scan

Misc :

MS Integration Params: LSCINT.P

Vial: 46

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	7.765	290	296	308	rBV2	48538	160102	2.44%	0.527%
2	11.565	705	710	719	rBV	49194	126117	1.92%	0.415%
3	11.694	719	724	745	rBV	1845125	4791070	73.00%	15.762%
4	15.302	1111	1117	1136	rBV	3041509	6439271	98.11%	21.184%
5	20.571	1685	1691	1714	rBV	3015191	6563333	100.00%	21.593%
6	24.996	2166	2173	2195	rBV2	2634601	5759320	87.75%	18.947%
7	30.073	2721	2726	2733	rBV	264474	529402	8.07%	1.742%
8	33.020	3041	3047	3061	rBV2	1469580	3504953	53.40%	11.531%
9	37.114	3486	3493	3512	rBV2	915257	2522706	38.44%	8.299%

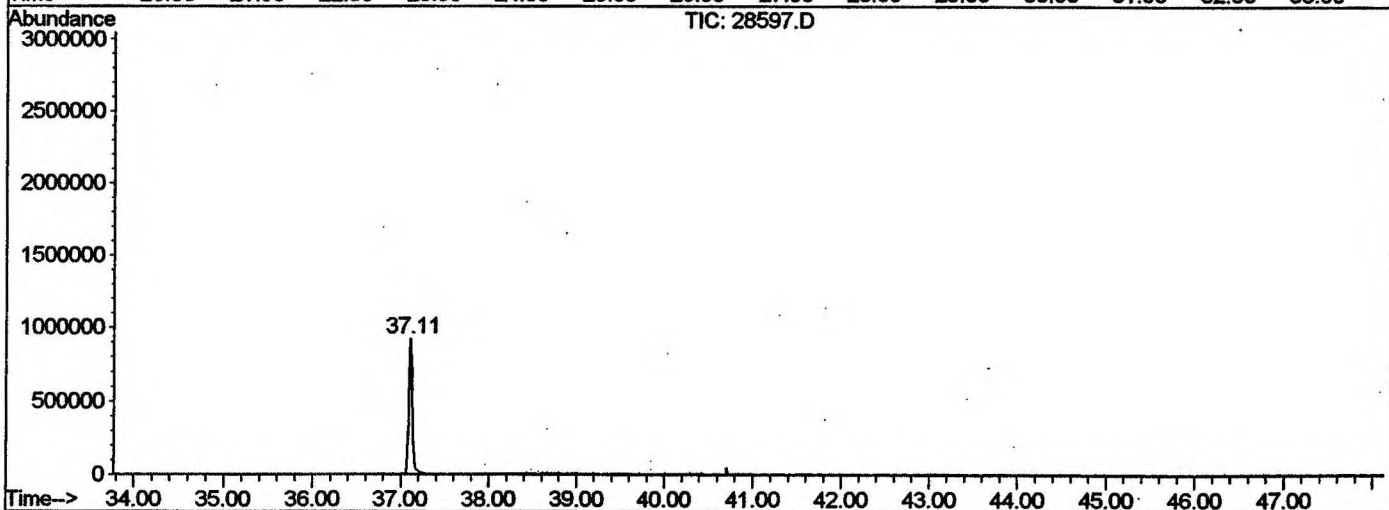
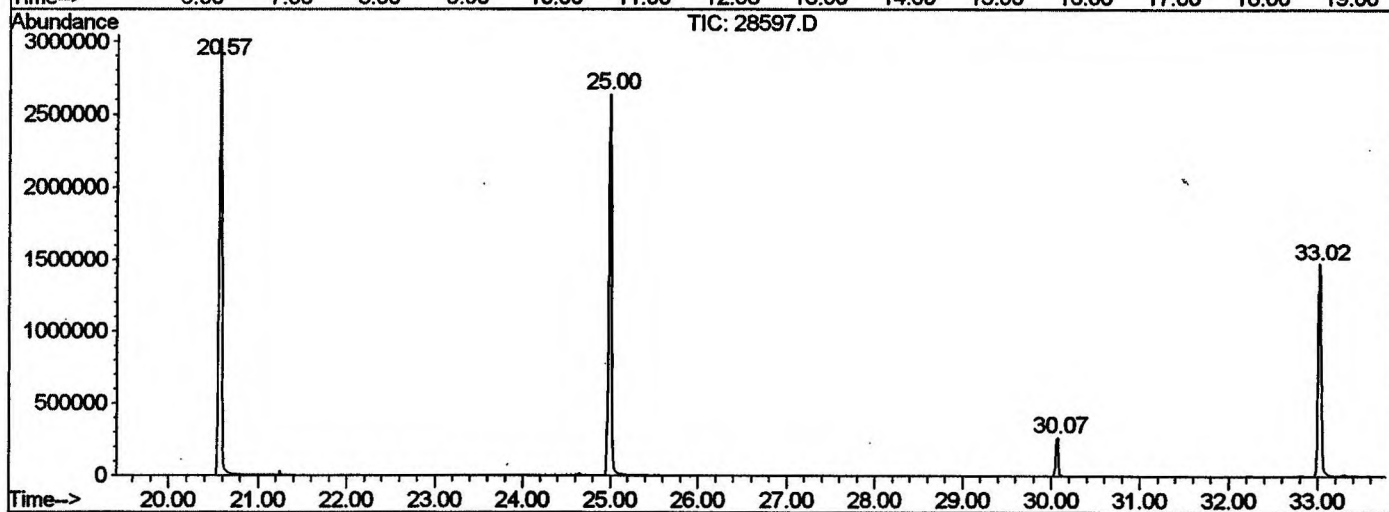
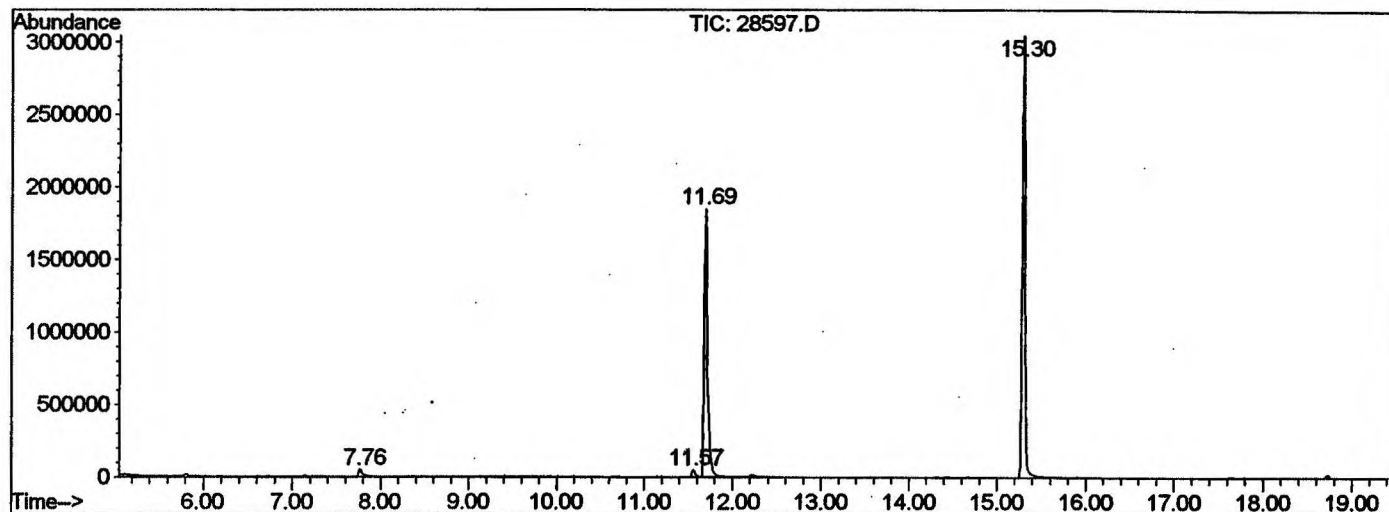
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Fri Nov 30 15:31:29 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV2901\28597.D
 Operator : 209 GALOS
 Acquired : 30 Nov 2001 7:11 am using AcqMethod GCMS1126
 Instrument : GC/MS 209
 Sample Name: 11/23 scan
 Misc Info :
 Vial Number: 46
 Quant File :GCMS1126.RES (RTE Integrator)



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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2901\28597.D
 Acq On : 30 Nov 2001 7:11 am
 Sample : 11/23 scan
 Misc :
 MS Integration Params: LSCINT.P

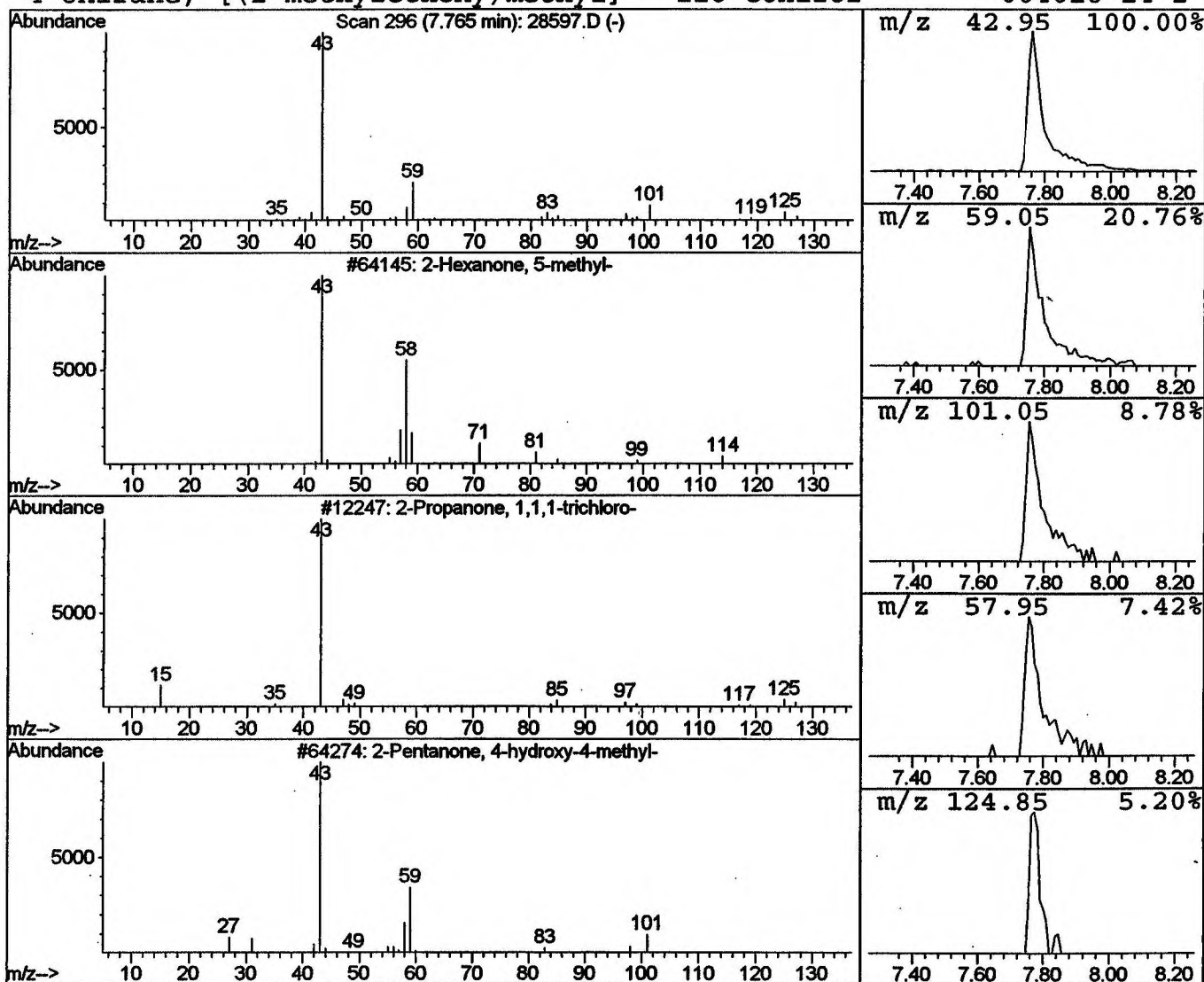
Vial: 46
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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

 Peak Number 1 2-Hexanone, 5-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	0.67 ug/l	160102	1,4-Dichlorobenzene-d4	11.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	28
2		2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	25
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	23
4		Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	17



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2901\28597.D
 Acq On : 30 Nov 2001 7:11 am
 Sample : 11/23 scan
 Misc :
 MS Integration Params: LSCINT.P

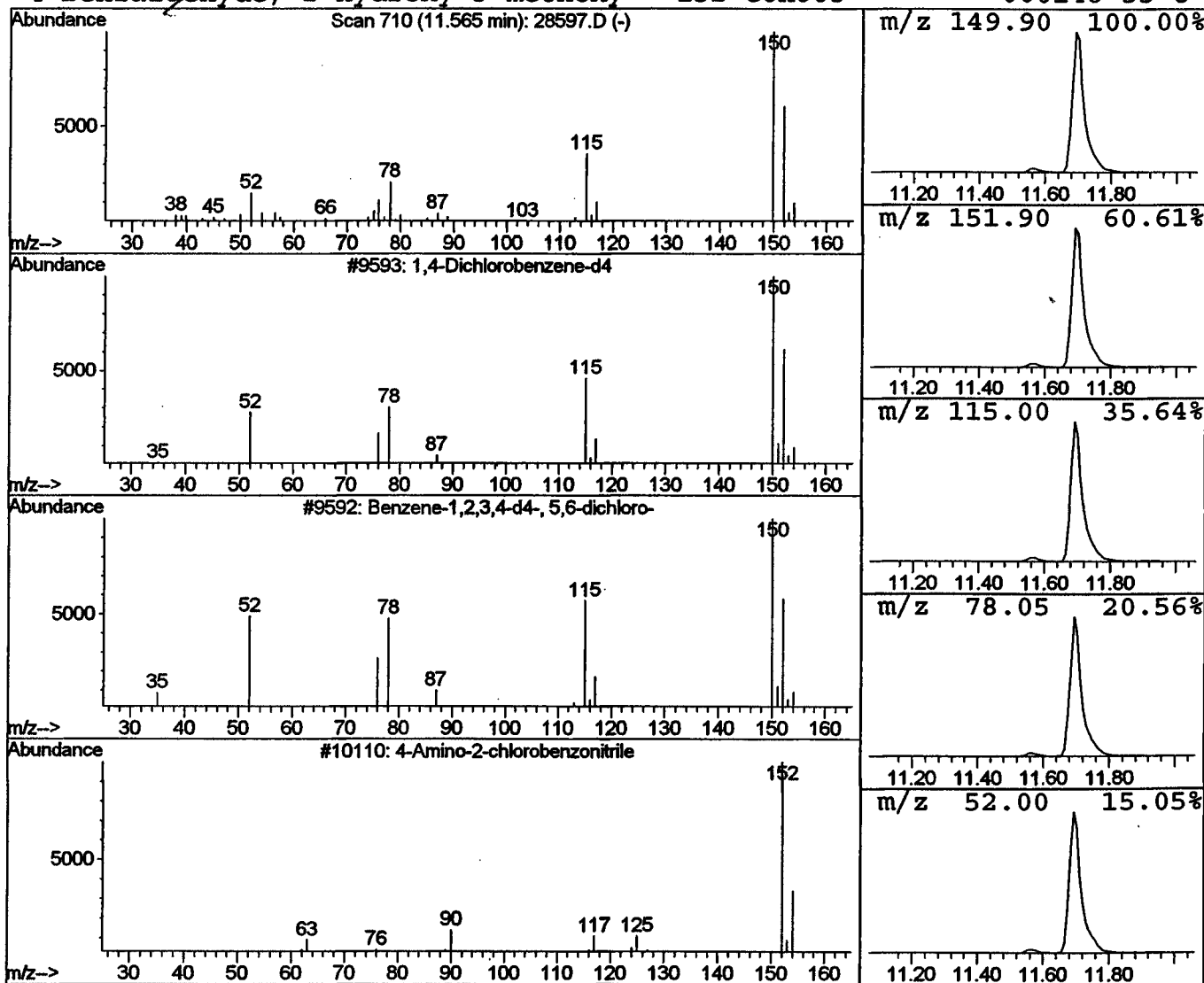
Vial: 46
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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

 Peak Number 2 1,4-Dichlorobenzene-d4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	0.53 ug/l	126117	1,4-Dichlorobenzene-d4	11.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	35
3		4-Amino-2-chlorobenzonitrile	152	C7H5ClN2	020925-27-3	10
4		Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 30 Nov 2001 7:11 am
Data File: C:\HPCHEM\1\DATA\NOV2901\28597.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
2-Hexanone, 5-methyl	7.76	0.7	ug/l	160102	ISTD01	11.69	4791070	20.0
1,4-Dichlorobenzene-	11.57	0.5	ug/l	126117	ISTD01	11.69	4791070	20.0

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