

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/03/2001 Time: 12:34:32

Sample: AD26128
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/3/01 12:33 Ended: 12/3/01 12:33 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD26128 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 12-03-2001 Time: 12:34:37

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26128.D

Acq On : 1 Dec 2001 5:21 am

Sample : 11/2 gc/ms

Misc :

MS Integration Params: RTEINT.P

Quant Time: Dec 1 6:10 2001

Vial: 65

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Quant Results File: NP112601.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Tue Nov 27 09:03:50 2001

Response via : Initial Calibration

DataAcq Meth : NP112601

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.70	152	732814	20.00	ug/l	0.00
19) Naphthalene-d8	15.31	136	2809688	20.00	ug/l	0.00
31) Acenaphthene-d10	20.58	164	1299665	20.00	ug/l	0.00
49) Phenanthrene-d10	25.00	188	1761778	20.00	ug/l	0.01
59) Chrysene-d12	33.03	240	1023459	20.00	ug/l	0.00
68) Perylene-d12	37.12	264	666514	20.00	ug/l	0.00

System Monitoring Compounds

4) 2-Fluorophenol	0.00	112	0	0.00	ug/l	
Spiked Amount	75.000		Recovery	=	0.00%	
5) Phenol-d5	0.00	99	0	0.00	ug/l	
Spiked Amount	75.000		Recovery	=	0.00%	
6) 2-Chlorophenol-d4	0.00	132	0	0.00	ug/l	
Spiked Amount	75.000		Recovery	=	0.00%	
7) 1,2-Dichlorobenzene-d4	12.23	152	8043	0.26	ug/l	0.02
Spiked Amount	50.000		Recovery	=	0.52%	
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
32) 2-Fluorobiphenyl	18.74	172	3057	0.04	ug/l	0.16
Spiked Amount	50.000		Recovery	=	0.08%	
33) 2,4,6-Tribromophenol	0.00	330	0	0.00	ug/l	
Spiked Amount	75.000		Recovery	=	0.00%	
62) Terphenyl-d14	0.00	244	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) Pyridine	0.00	79	0	N.D.	
3) N-nitroso-dimethyl amine	5.20	74	351	N.D.	
8) Phenol	0.00	94	0	N.D.	
9) bis(2-Chloroethyl) ether	0.00	93	0	N.D.	
10) 2-Chlorophenol	0.00	128	0	N.D.	
11) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
12) 1,4-Dichlorobenzene	0.00	146	0	N.D.	
13) 1,2-Dichlorobenzene	0.00	146	0	N.D.	
14) 2-Methylphenol	0.00	108	0	N.D.	
15) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.	
16) 3&4-Methylphenol	0.00	108	0	N.D.	
17) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.	
18) Hexachloroethane	0.00	117	0	N.D.	
21) Nitrobenzene	0.00	77	0	N.D.	
22) Isophorone	0.00	82	0	N.D.	

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

26128.D NP112601.M Mon Dec 03 12:08:58 2001

Page 1

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26128.D

Acq On : 1 Dec 2001 5:21 am

Sample : 11/2 gc/ms

Misc :

MS Integration Params: RTEINT.P

Quant Time: Dec 1 6:10 2001

Vial: 65

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Quant Results File: NP112601.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Tue Nov 27 09:03:50 2001

Response via : Initial Calibration

DataAcq Meth : NP112601

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
23) 2-Nitrophenol	0.00	139	0	N.D.		
24) 2,4-Dimethylphenol	0.00	107	0	N.D.		
25) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
26) 2,4-Dichlorophenol	0.00	162	0	N.D.		
27) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
28) Naphthalene	15.35	128	265	N.D.		
29) Hexachlorobutadiene	0.00	225	0	N.D.		
30) 4-Chloro-3-methylphenol	0.00	107	0	N.D.		
34) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
35) 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
36) 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
37) 2-Chloronaphthalene	0.00	162	0	N.D.		
38) Dimethylphthalate	0.00	163	0	N.D.		
39) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
40) Acenaphthylene	0.00	152	0	N.D.		
41) Acenaphthene	0.00	153	0	N.D.		
42) 2,4-Dinitrophenol	0.00	184	0	N.D.		
43) 4-Nitrophenol	21.07	65	269	N.D.		
44) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
45) Diethylphthalate	0.00	149	0	N.D.		
46) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
47) Fluorene	0.00	166	0	N.D.		
48) Azobenzene/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
50) 4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.		
51) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
52) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
53) Hexachlorobenzene	0.00	284	0	N.D.		
54) Pentachlorophenol	0.00	266	0	N.D.		
55) Phenanthrene	25.00	178	542	N.D.		
56) Anthracene	25.00	178	542	N.D.		
57) Di-n-butylphthalate	27.02	149	2248	N.D.		
58) Fluoranthene	0.00	202	0	N.D.		
60) 3,3'-Dichlorobenzidine	0.00	252	0	N.D.		
61) Benzidine	0.00	184	0	N.D.		
63) Pyrene	0.00	202	0	N.D.		
64) Butylbenzylphthalate	0.00	149	0	N.D.		
65) Benzo(a)anthracene	33.04	228	2538	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.31	149	3552	N.D.		
67) Chrysene	33.04	228	2538	N.D.		
69) Di-n-Octylphthalate	0.00	149	0	N.D.		
70) Benzo(b)fluoranthene	0.00	252	0	N.D.		

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

26128.D NP112601.M Mon Dec 03 12:09:03 2001

Page 2

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26128.D
 Acq On : 1 Dec 2001 5:21 am
 Sample : 11/2 gc/ms
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 1 6:10 2001

Vial: 65
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: NP112601.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Tue Nov 27 09:03:50 2001
 Response via : Initial Calibration
 DataAcq Meth : NP112601

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
71) Benzo(k)fluoranthene	0.00	252	0		N.D.	
72) Benzo(a)pyrene	37.13	252	2400		N.D.	
73) Indeno(1,2,3-cd)pyrene	0.00	276	0		N.D.	
74) Dibenz(a,h)anthracene	0.00	278	0		N.D.	
75) Benzo(g,h,i)perylene	0.00	276	0		N.D.	

 (#) = qualifier out of range (m) = manual integration
 26128.D NP112601.M Mon Dec 03 12:09:04 2001

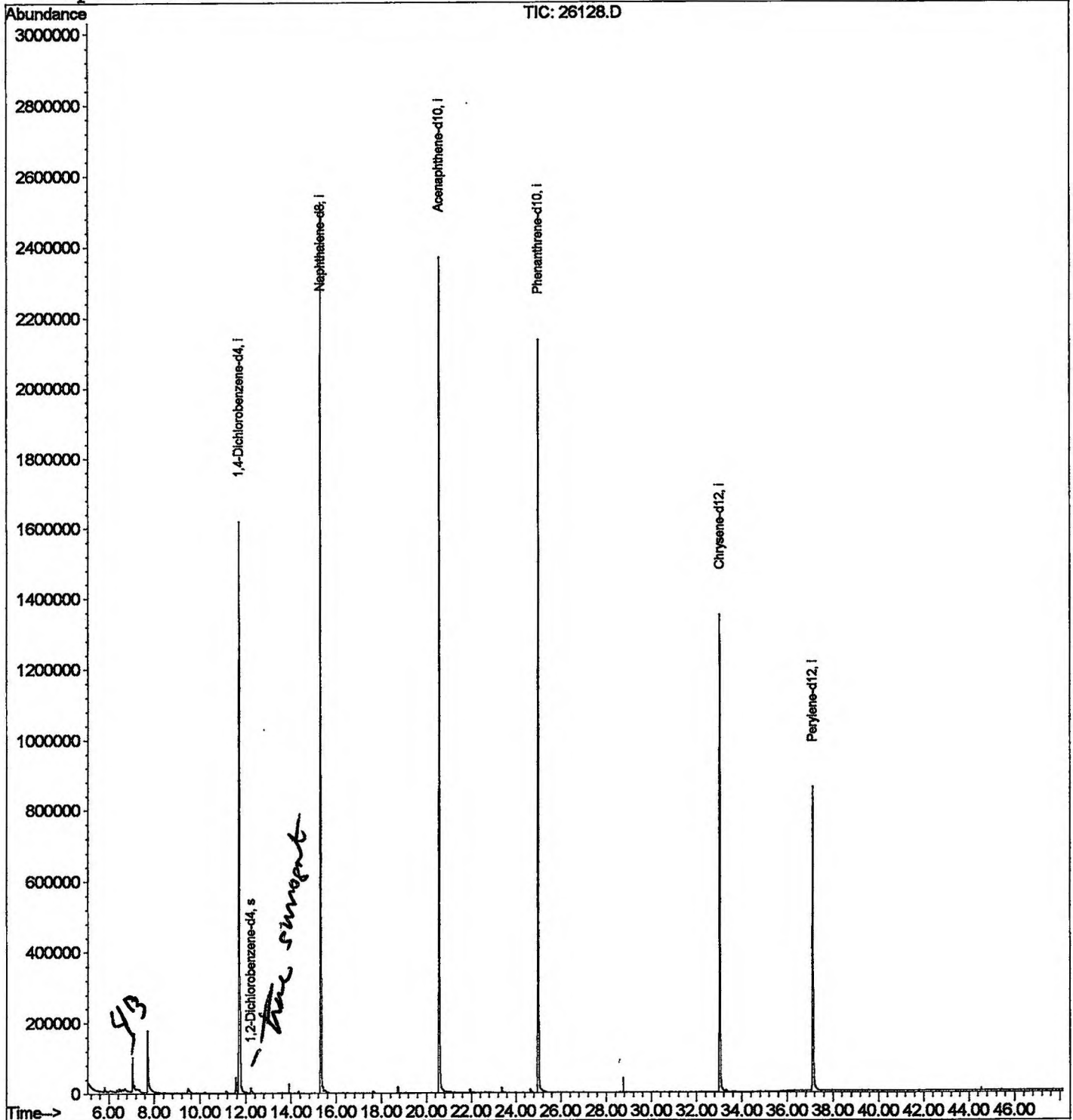
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26128.D
 Acq On : 1 Dec 2001 5:21 am
 Sample : 11/2 gc/ms
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 1 6:10 2001

Vial: 65
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: NP112601.RES

Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Tue Nov 27 09:03:50 2001
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26128.D

Acq On : 1 Dec 2001 5:21 am

Sample : 11/2 gc/ms

Misc :

MS Integration Params: LSCINT.P

Vial: 65

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\NP112601.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	7.056	215	219	225	rBV	97241	196173	3.68%	0.757%
2	7.717	288	291	313	rBV	174231	494221	9.27%	1.908%
3	9.489	477	484	493	rBV3	12423	59033	1.11%	0.228%
4	11.564	706	710	720	rBV	45183	116765	2.19%	0.451%
5	11.702	720	725	745	rBV	1616187	4046837	75.92%	15.624%
6	15.309	1112	1118	1135	rBV	2525204	5325146	99.90%	20.560%
7	20.579	1686	1692	1715	rBV	2368891	5330485	100.00%	20.581%
8	25.004	2167	2174	2186	rBV2	2135321	4663117	87.48%	18.004%
9	33.027	3042	3048	3067	rBV2	1348938	3254370	61.05%	12.565%
10	37.122	3487	3494	3512	rBV2	855611	2414481	45.30%	9.322%

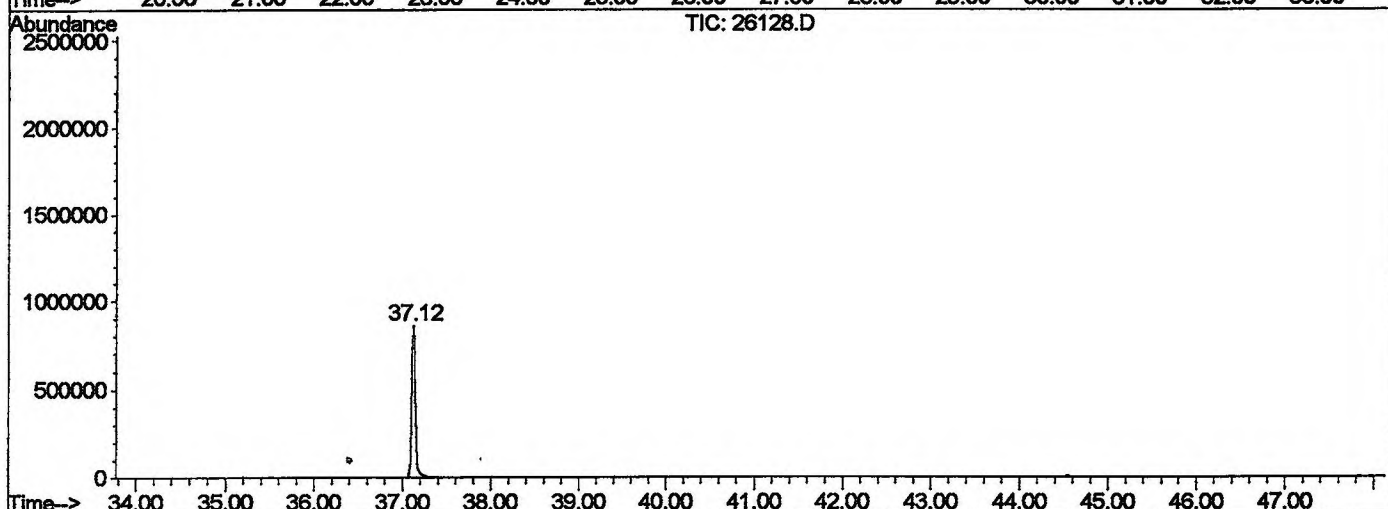
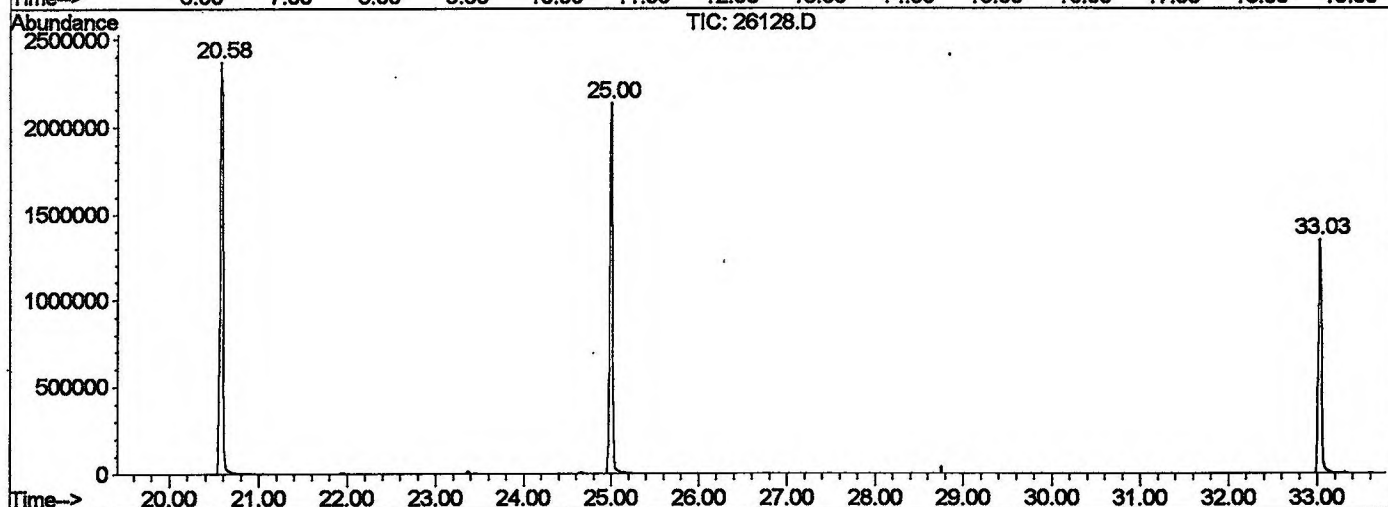
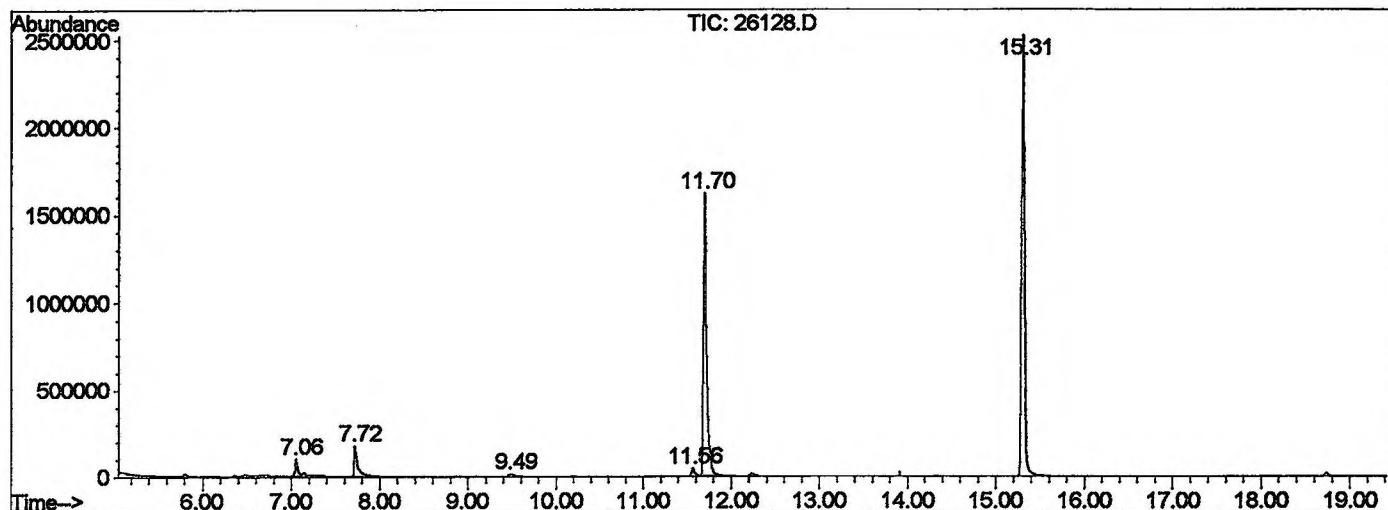
Sum of corrected areas: 25900628

26128.D NP112601.M

Mon Dec 03 12:15:47 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV3001\26128.D
 Operator : 209 GALOS
 Acquired : 1 Dec 2001 5:21 am using AcqMethod NP112601
 Instrument : GC/MS 209
 Sample Name: 11/2 gc/ms
 Misc Info :
 Vial Number: 65
 Quant File :NP112601.RES (RTE Integrator)



26128.D NP112601.M Mon Dec 03 12:15:49 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26128.D
 Acq On : 1 Dec 2001 5:21 am
 Sample : 11/2 gc/ms
 Misc :
 MS Integration Params: LSCINT.P

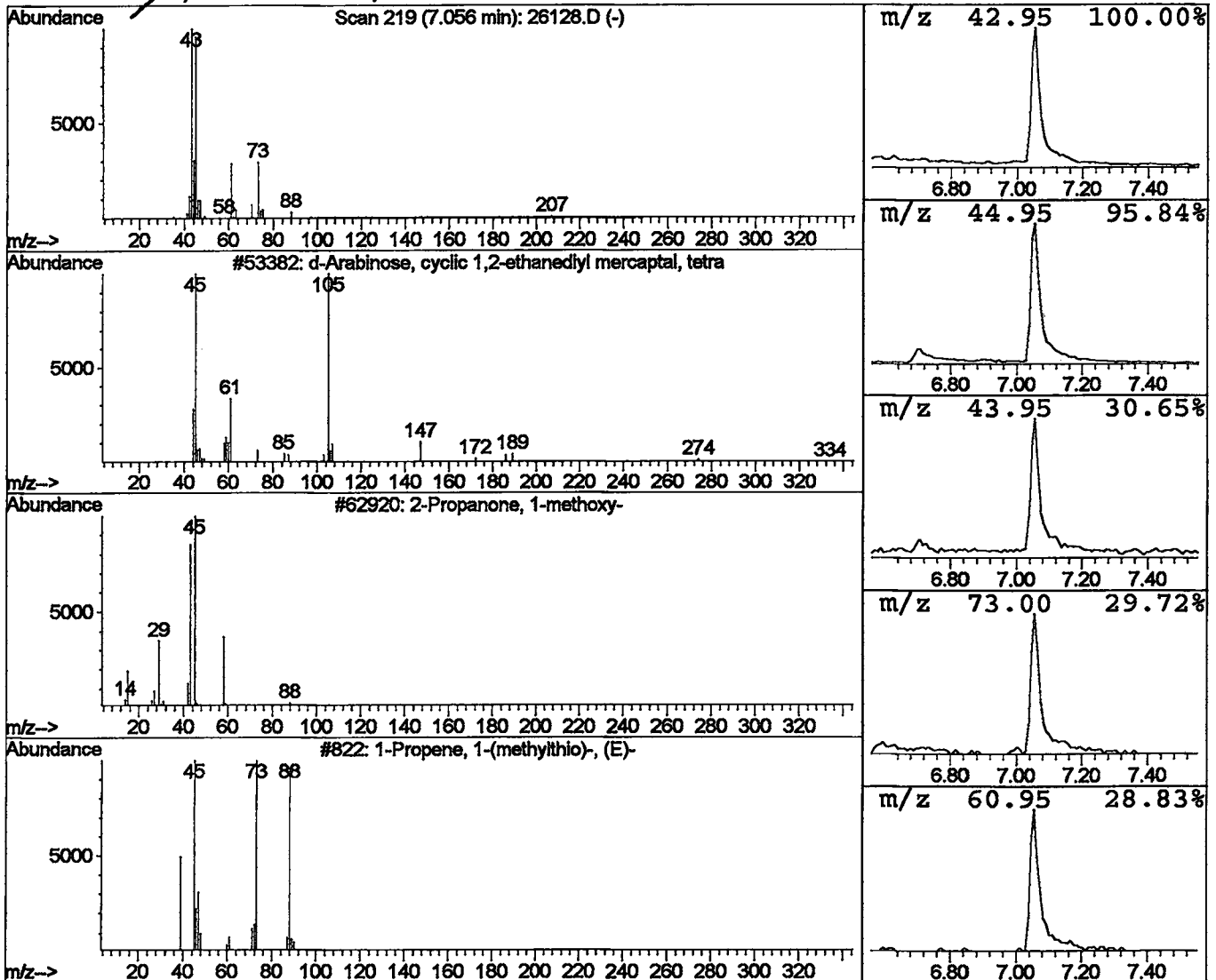
Vial: 65
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 d-Arabinose, cyclic 1,2-ethane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	0.97 ug/l	196173	1,4-Dichlorobenzene-d4	11.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			d-Arabinose, cyclic 1,2-ethanediyl	394	C15H22O8S2	040733-16-2	43
2			2-Propanone, 1-methoxy-	88	C4H8O2	005878-19-3	9
3			1-Propene, 1-(methylthio)-, (E)-	88	C4H8S	042848-06-6	9
4			Ethanol, 2-chloro-, acetate	122	C4H7ClO2	000542-58-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26128.D
 Acq On : 1 Dec 2001 5:21 am
 Sample : 11/2 gc/ms
 Misc :
 MS Integration Params: LSCINT.P

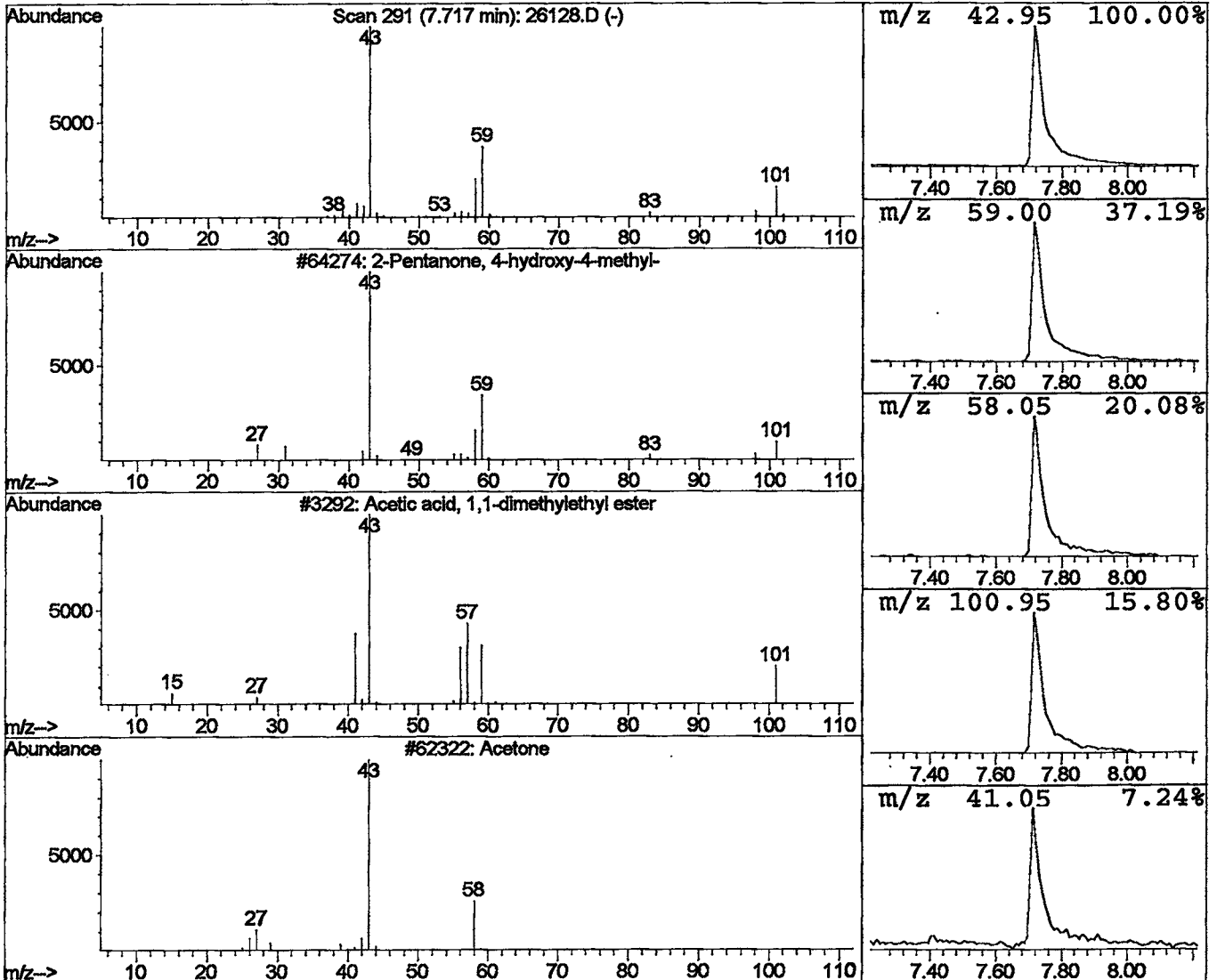
Vial: 65
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	2.44 ug/l	494221	1,4-Dichlorobenzene-d4	11.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2			Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	36
3			Acetone	58	C3H6O	000067-64-1	32
4			CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26128.D
 Acq On : 1 Dec 2001 5:21 am
 Sample : 11/2 gc/ms
 Misc :
 MS Integration Params: LSCINT.P

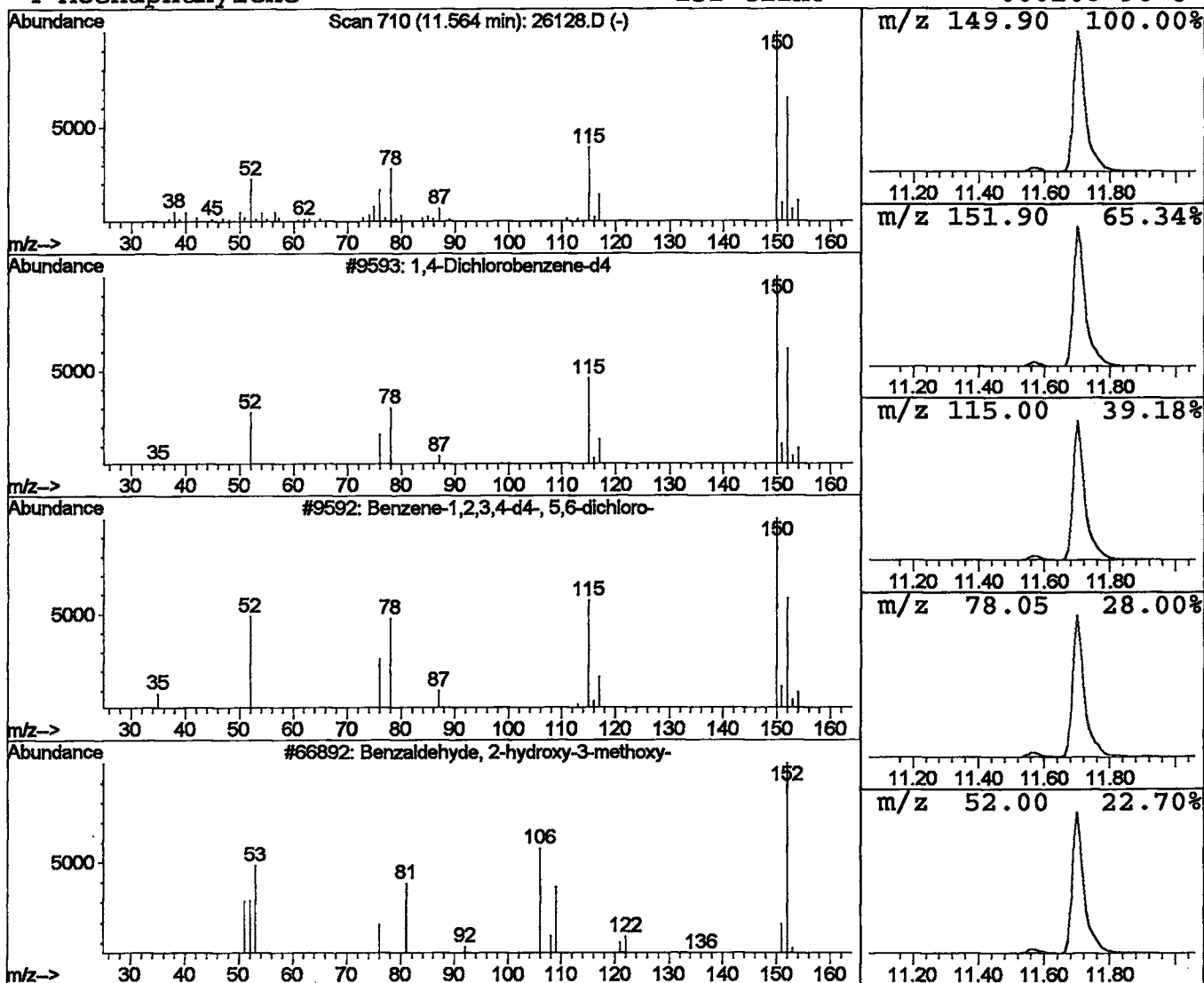
Vial: 65
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 3 1,4-Dichlorobenzene-d4 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	0.58 ug/l	116765	1,4-Dichlorobenzene-d4	11.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	96
2		Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	59
3		Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	27
4		Acenaphthylene	152	C12H8	000208-96-8	10



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 1 Dec 2001 5:21 am
 Data File: C:\HPCHEM\1\DATA\NOV3001\26128.D
 Name: 11/2 gc/ms
 Misc:
 Method: C:\HPCHEM\1\METHODS\NP112601.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
d-Arabinose, cyclic	7.06	1.0	ug/l	196173	ISTD01	11.70	4046840	20.0
2-Pentanone, 4-hydro	7.72	2.4	ug/l	494221	ISTD01	11.70	4046840	20.0
1,4-Dichlorobenzene-	11.56	0.6	ug/l	116765	ISTD01	11.70	4046840	20.0

26128.D NP112601.M Mon Dec 03 12:15:59 2001