User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/03/2001 Time: 12:21:15

Sample: AD26080
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/3/01 12:20 Ended: 12/3/01 12:20 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD26080 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-03-2001 Time: 12:21:20

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\26080.D
Acq On : 30 Nov 2001 10:31 pm
Sample : 11/2 gc/ms
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 30 23:20 2001

Vial: 58
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	789466	20.00	ug/l	0.00
19) Naphthalene-d8	15.30	136	3094695	20.00	ug/l	0.00
31) Acenaphthene-d10	20.58	164	1443223	20.00	ug/l	0.00
49) Phenanthrene-d10	25.00	188	1995656	20.00	ug/l	0.00
59) Chrysene-d12	33.03	240	1228659	20.00	ug/l	0.00
68) Perylene-d12	37.13	264	848538	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	11.70	132	734	0.01	ug/l	0.49
Spiked Amount 75.000			Recovery =	0.01%		
7) 1,2-Dichlorobenzene-d4	12.22	152	10266	0.31	ug/l	0.00
Spiked Amount 50.000			Recovery =	0.62%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.74	172	3123	0.04	ug/l	0.15
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	0.00	74	0	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26080.D Vial: 58
Acq On : 30 Nov 2001 10:31 pm Operator: 209 GALOS
Sample : 11/2 gc/ms Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 23:20 2001 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	15.36	128	324	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	21.05	65	488	N.D.	
44) 2,4-Dinitrotoluene	21.13	165	107	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) Azobenzen/ 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	24.99	178	516	N.D.	
56) Anthracene	24.99	178	516	N.D.	
57) Di-n-butylphthalate	27.01	149	2093	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	33.03	228	2994	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.32	149	6371	N.D.	
67) Chrysene	33.03	228	2994	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26080.D Vial: 58
Acq On : 30 Nov 2001 10:31 pm Operator: 209 GALOS
Sample : 11/2 gc/ms Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 23:20 2001 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	37.12	252	3509	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.	

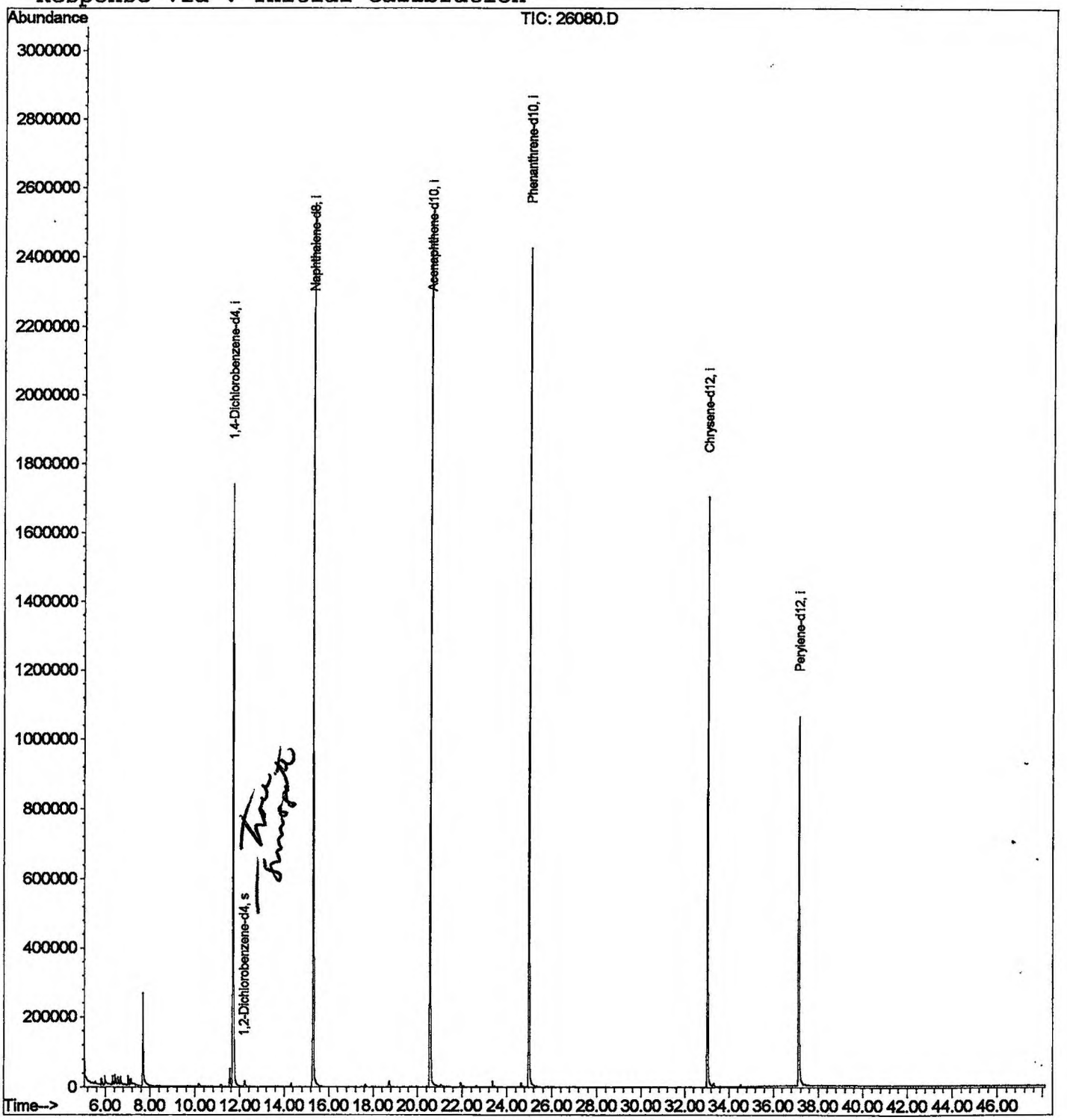
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26080.D
Acq On : 30 Nov 2001 10:31 pm
Sample : 11/2 gc/ms
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 30 23:20 2001

Vial: 58
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\26080.D Vial: 58
Acq On : 30 Nov 2001 10:31 pm Operator: 209 GALOS
Sample : 11/2 gc/ms Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP112601.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

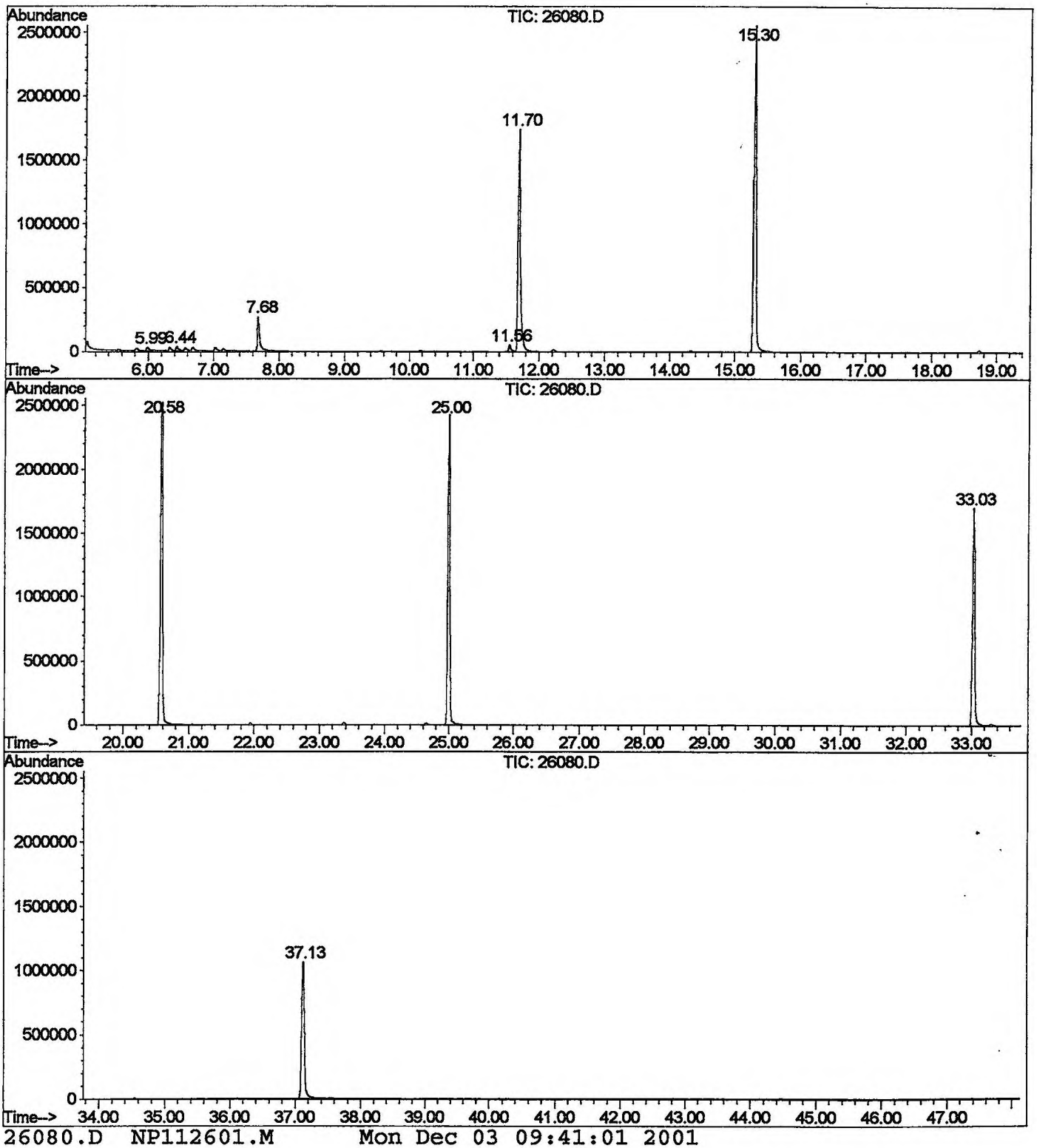
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.986	100	103	112	rBV	25303	65761	1.12%	0.224%
2	6.436	149	152	160	rVV	30130	76725	1.30%	0.262%
3	7.685	285	288	307	rBV2	266174	652959	11.09%	2.229%
4	11.559	705	710	719	rBV	51338	124641	2.12%	0.425%
5	11.696	719	725	755	rVV	1739231	4371226	74.22%	14.922%
6	15.304	1111	1118	1137	rBV	2554370	5857841	99.46%	19.997%
7	20.583	1686	1693	1712	rBV	2520650	5889379	100.00%	20.105%
8	24.999	2167	2174	2188	rBV2	2425524	5229065	88.79%	17.851%
9	33.031	3042	3049	3069	rBV2	1702885	3913053	66.44%	13.358%
10	37.126	3487	3495	3516	rBV2	1062197	3112625	52.85%	10.626%

Sum of corrected areas: 29293275

26080.D NP112601.M Mon Dec 03 09:40:58 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV3001\26080.D
Operator : 209 GALOS
Acquired : 30 Nov 2001 10:31 pm using AcqMethod NP112601
Instrument : GC/MS 209
Sample Name: 11/2 gc/ms
Misc Info :
Vial Number: 58
Quant File :NP112601.RES (RTE Integrator)



26080.D NP112601.M Mon Dec 03 09:41:01 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26080.D
Acq On : 30 Nov 2001 10:31 pm
Sample : 11/2 gc/ms
Misc :
MS Integration Params: LSCINT.P

Vial: 58
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

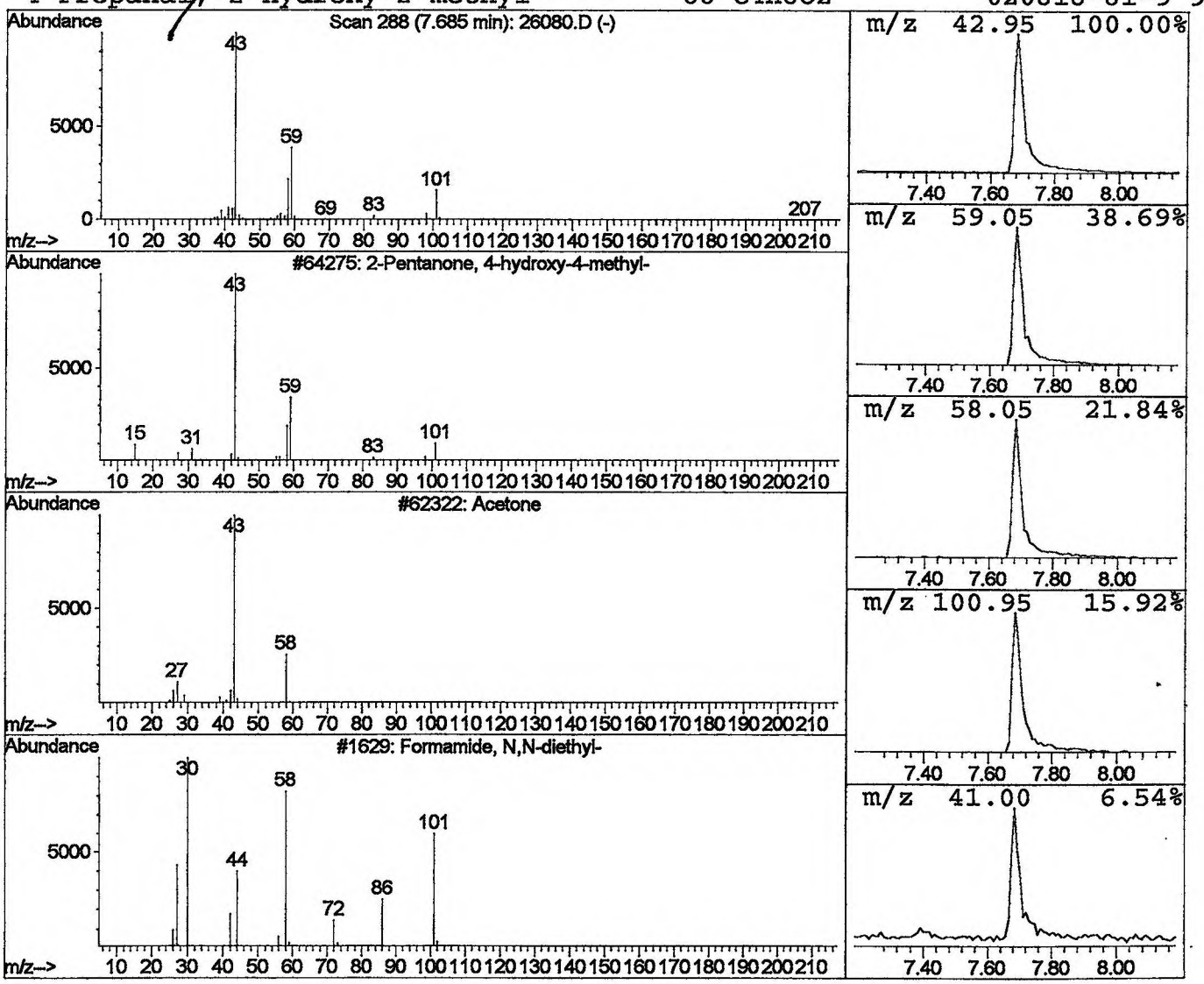
Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	2.99 ug/l	652959	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	64
2	Acetone	58	C3H6O	000067-64-1	16
3	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9
4	Propanal, 2-hydroxy-2-methyl-	88	C4H8O2	020818-81-9	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26080.D
Acq On : 30 Nov 2001 10:31 pm
Sample : 11/2 gc/ms
Misc :
MS Integration Params: LSCINT.P

Vial: 58
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

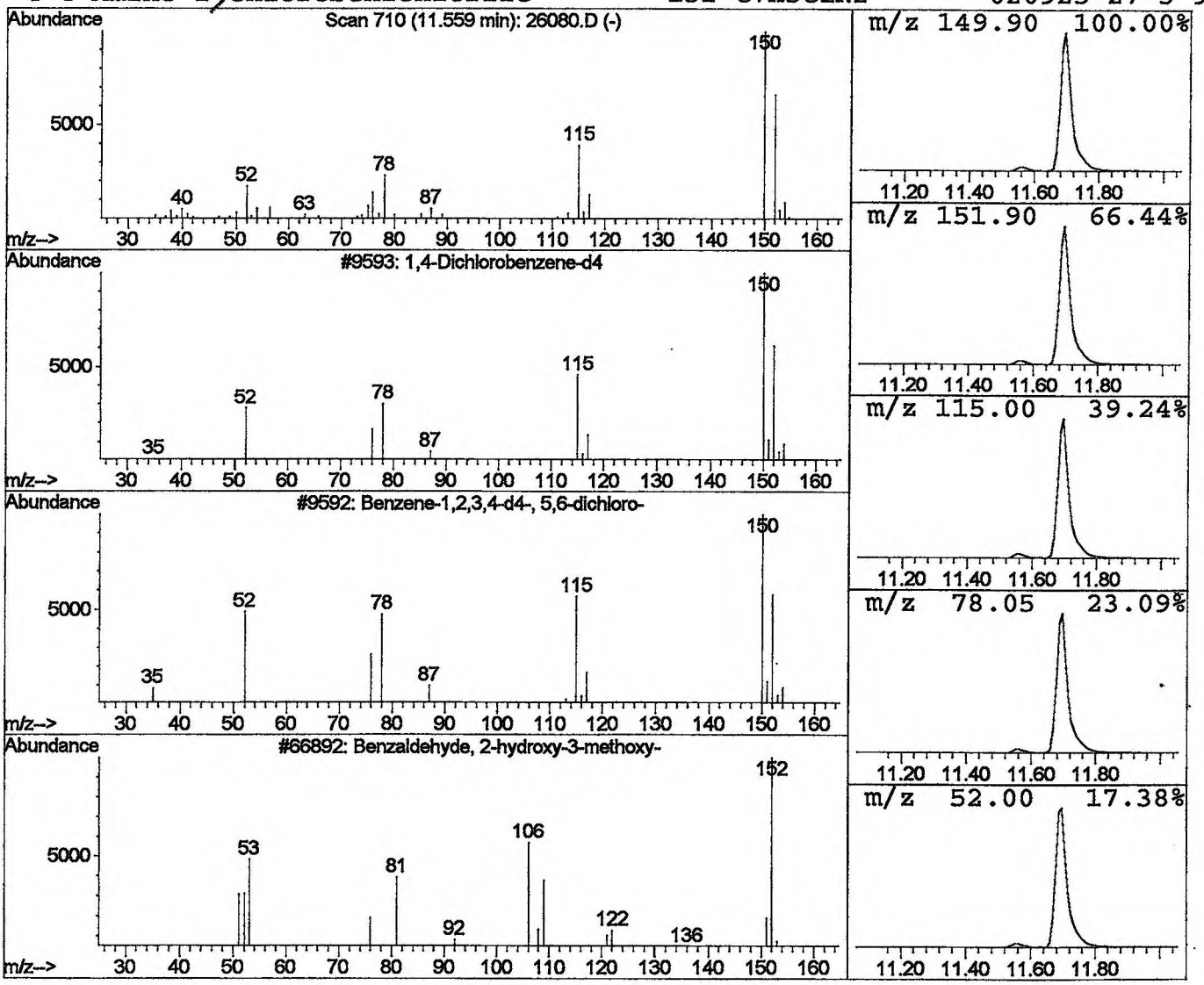
Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	0.57 ug/l	124641	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	64
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	23
3	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10
4	4-Amino-2-chlorobenzonitrile	152	C7H5ClN2	020925-27-3	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 30 Nov 2001 10:31 pm
Data File: C:\HPCHEM\1\DATA\NOV3001\26080.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
2-Pentanone, 4-hydro	7.68	3.0	ug/l	652959	ISTD01	11.70	4371230	20.0
1,4-Dichlorobenzene-	11.56	0.6	ug/l	124641	ISTD01	11.70	4371230	20.0

26080.D NP112601.M Mon Dec 03 09:41:09 2001