User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/05/2001 Time: 15:11:11

Sample: AD26131
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/5/01 15:10 Ended: 12/5/01 15:10 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD26131 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-05-2001 Time: 15:11:47

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\DEC0401\26131.D Vial: 70
Acq On : 4 Dec 2001 12:23 pm Operator: 209 GALOS
Sample : 11/2 gc/ms Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 15:26 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.70	152	936376	20.00	ug/l	0.00
19) Naphthalene-d8	15.31	136	3555091	20.00	ug/l	0.00
31) Acenaphthene-d10	20.59	164	1687106	20.00	ug/l	0.01
49) Phenanthrene-d10	25.01	188	2337244m	20.00	ug/l	0.01
59) Chrysene-d12	33.04	240	1536116	20.00	ug/l	0.00
68) Perylene-d12	37.13	264	1110131	20.00	ug/l	0.01
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	811	0.01	ug/l	0.50
Spiked Amount 75.000			Recovery =	0.01%		
7) 1,2-Dichlorobenzene-d4	12.23	152	11465	0.29	ug/l	0.01
Spiked Amount 50.000			Recovery =	0.58%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.74	172	3712	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	5.14	74	205	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)

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Acq On : 4 Dec 2001 12:23 pm Operator: 209 GALOS
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Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 15:26 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	15.38	128	729	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	409	N.D.	
44)	2,4-Dinitrotoluene	21.12	165	107	N.D.	
45)	Diethylphthalate	22.11	149	549	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	25.08	178	335	N.D.	
56)	Anthracene	25.08	178	335	N.D.	
57)	Di-n-butylphthalate	27.01	149	6173	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	5412	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.31	149	18417	N.D.	
67)	Chrysene	33.04	228	5412	N.D.	
69)	Di-n-Octylphthalate	35.05	149	412	N.D.	
70)	Benzo(b)fluoranthene	36.09	252	916	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0401\26131.D Vial: 70
Acq On : 4 Dec 2001 12:23 pm Operator: 209 GALOS
Sample : 11/2 gc/ms Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 15:26 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	36.14	252	853	N.D.	
72) Benzo(a)pyrene	36.96	252	306	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.	

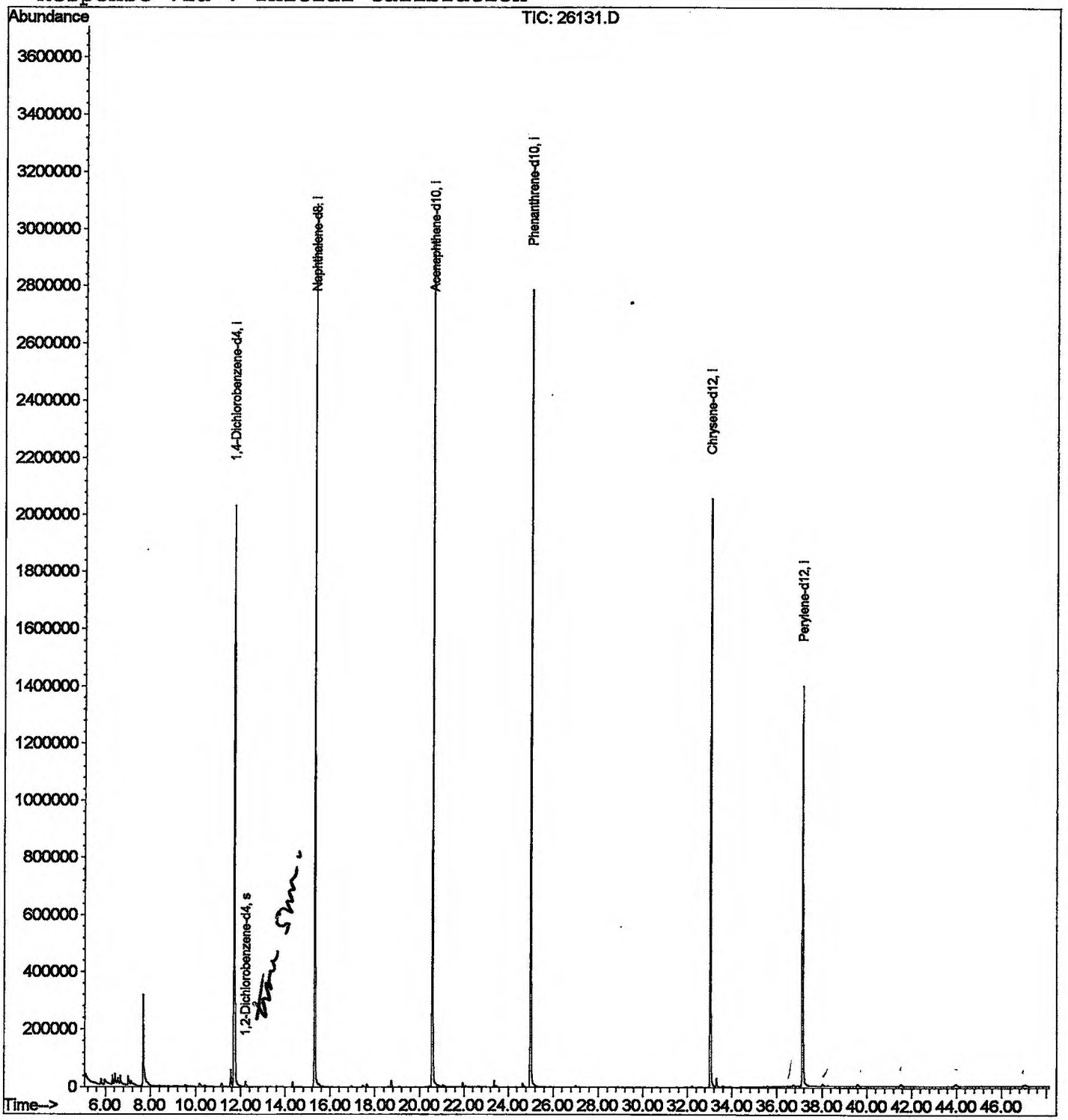
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0401\26131.D
Acq On : 4 Dec 2001 12:23 pm
Sample : 11/2 gc/ms
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 4 15:26 2001

Vial: 70
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\DEC0401\26131.D
Acq On : 4 Dec 2001 12:23 pm
Sample : 11/2 gc/ms
Misc :
MS Integration Params: LSCINT.P

Vial: 70
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
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

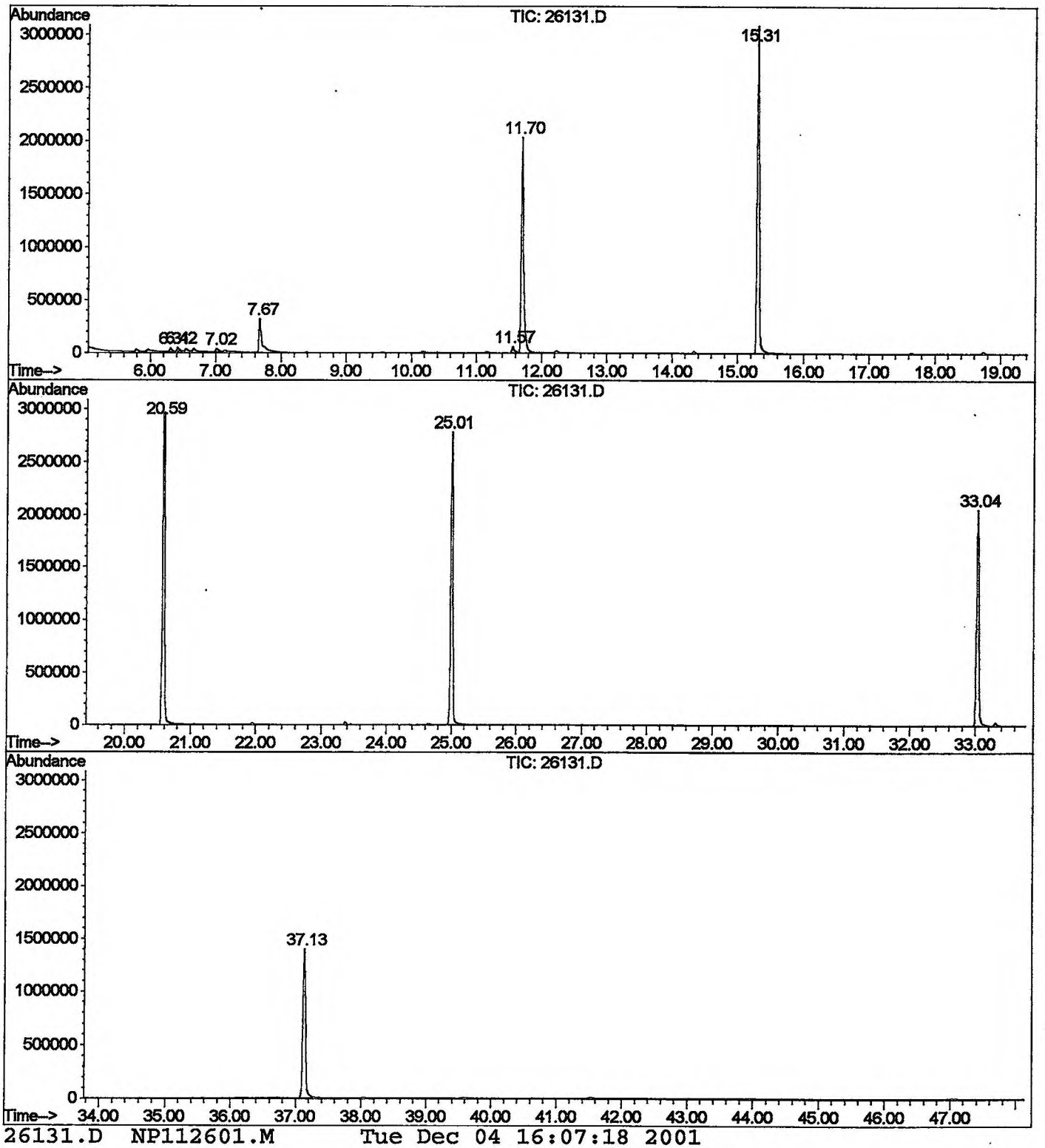
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.314	134	138	142	rBV	32821	69277	1.02%	0.200%
2	6.415	146	149	158	rVV	37574	102002	1.50%	0.294%
3	7.021	211	215	223	rBV	29755	83696	1.23%	0.241%
4	7.673	283	286	317	rBV	315612	967529	14.26%	2.790%
5	11.565	706	710	720	rBV	59632	150607	2.22%	0.434%
6	11.703	720	725	746	rVV	2028965	5081251	74.87%	14.654%
7	15.311	1112	1118	1136	rBV	3086093	6663014	98.18%	19.215%
8	20.590	1686	1693	1707	rBV	2961383	6786738	100.00%	19.572%
9	25.005	2167	2174	2189	rBV2	2784981	6072365	89.47%	17.512%
10	33.038	3042	3049	3065	rBV2	2056265	4788032	70.55%	13.808%
11	37.133	3487	3495	3509	rBV2	1395971	3911056	57.63%	11.279%

Sum of corrected areas: 34675567

26131.D NP112601.M Tue Dec 04 16:07:14 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0401\26131.D
Operator : 209 GALOS
Acquired : 4 Dec 2001 12:23 pm using AcqMethod NP112601
Instrument : GC/MS 209
Sample Name: 11/2 gc/ms
Misc Info :
Vial Number: 70
Quant File :NP112601.RES (RTE Integrator)



26131.D NP112601.M Tue Dec 04 16:07:18 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\26131.D
Acq On : 4 Dec 2001 12:23 pm
Sample : 11/2 gc/ms
Misc :
MS Integration Params: LSCINT.P

Vial: 70
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

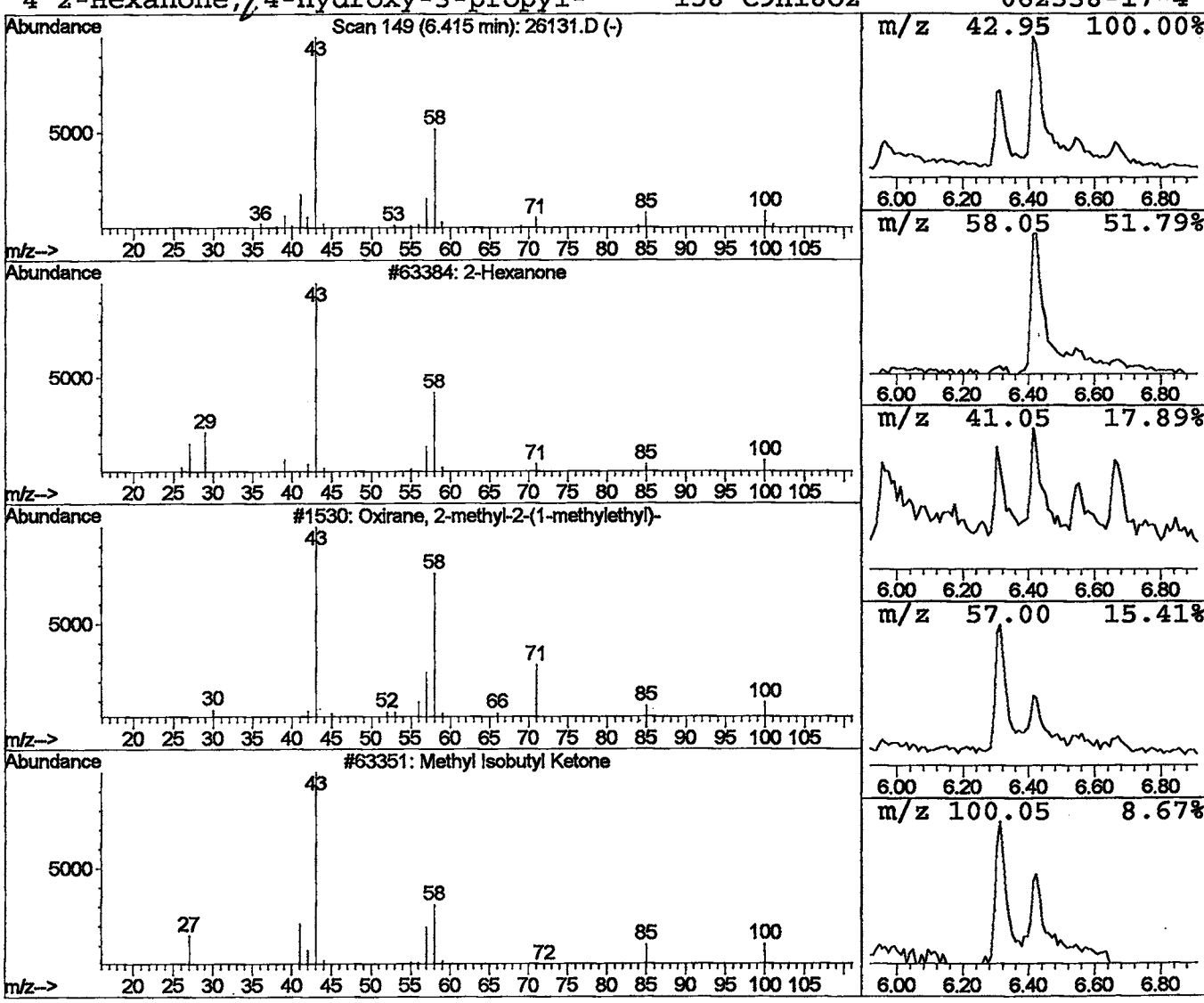
Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Hexanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	0.40 ug/l	102002	1,4-Dichlorobenzene-d4	11.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	86
2	Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	59
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	52
4	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	39



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\26131.D
Acq On : 4 Dec 2001 12:23 pm
Sample : 11/2 gc/ms
Misc :
MS Integration Params: LSCINT.P

Vial: 70
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

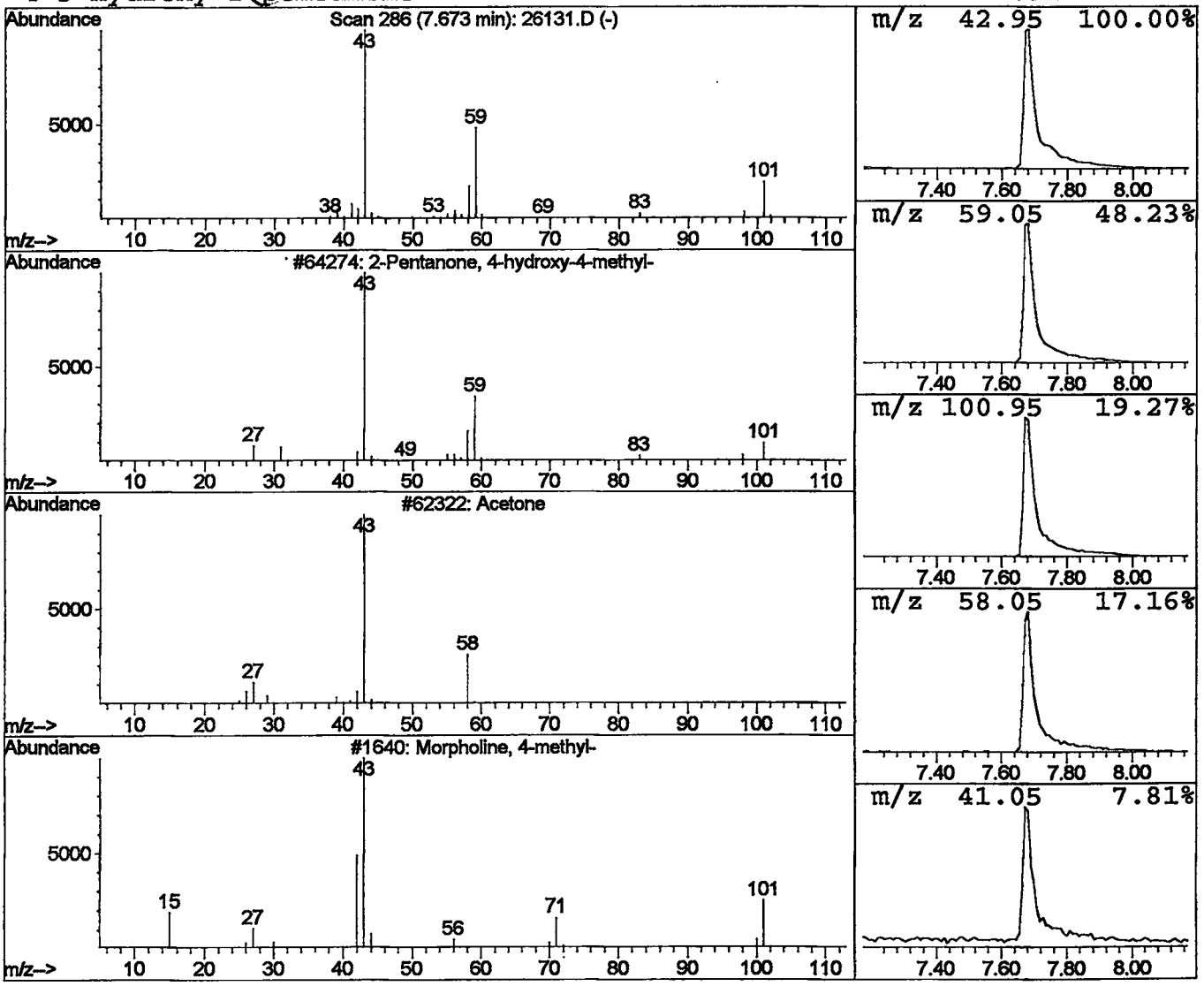
Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	3.81 ug/l	967529	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	56
2	Acetone	58	C3H6O	000067-64-1	10
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\26131.D
Acq On : 4 Dec 2001 12:23 pm
Sample : 11/2 gc/ms
Misc :
MS Integration Params: LSCINT.P

Vial: 70
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

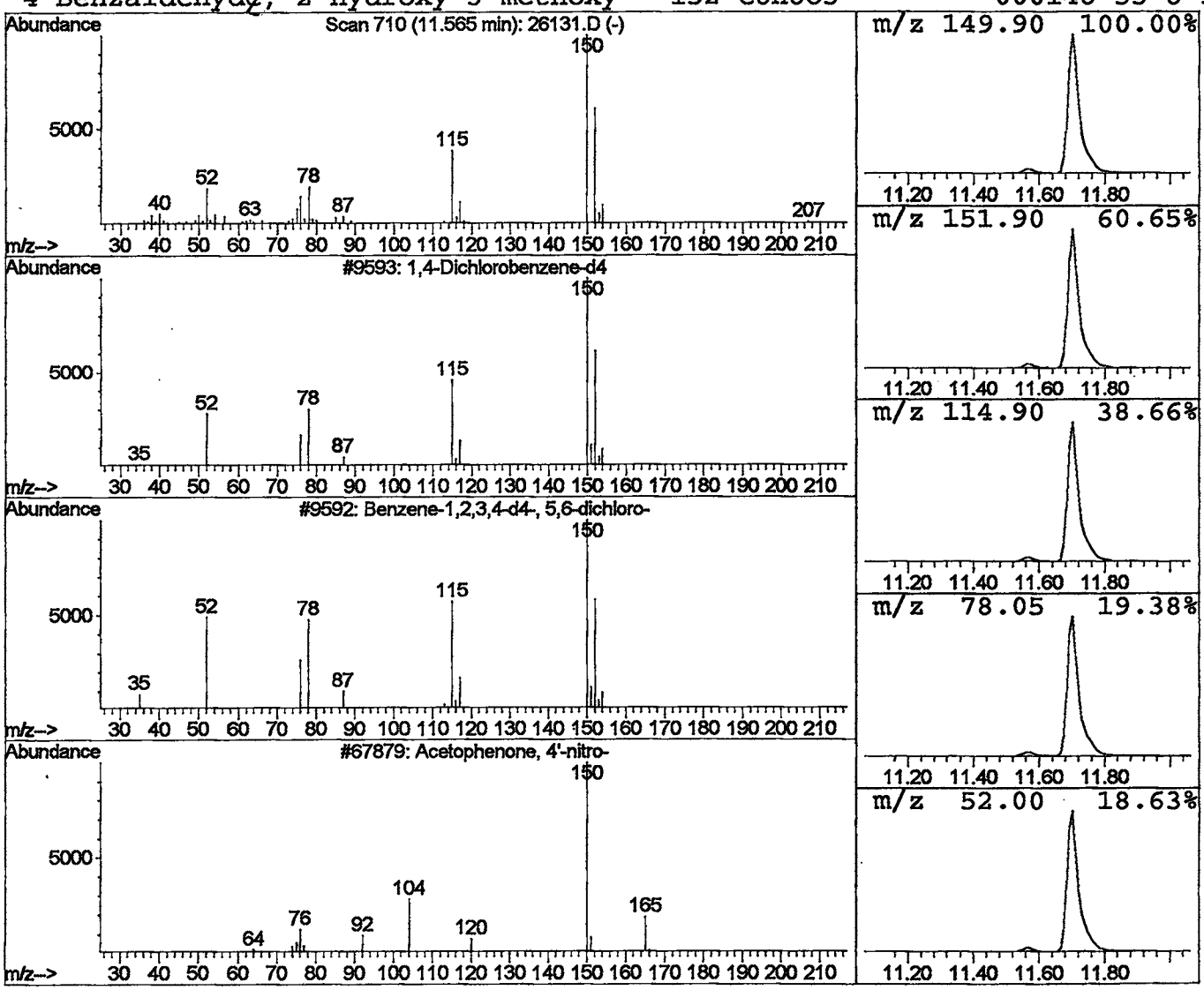
Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 1,4-Dichlorobenzene-d4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	0.59 ug/l	150607	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	16
3	Acetophenone, 4'-nitro-	165	C8H7NO3	000100-19-6	12
4	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 4 Dec 2001 12:23 pm
Data File: C:\HPCHEM\1\DATA\DEC0401\26131.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-Hexanone	6.42	0.4	ug/l	102002	ISTD01	11.70	5081250	20.0
2-Pentanone, 4-hydro	7.67	3.8	ug/l	967529	ISTD01	11.70	5081250	20.0
1,4-Dichlorobenzene-	11.57	0.6	ug/l	150607	ISTD01	11.70	5081250	20.0

26131.D NP112601.M Tue Dec 04 16:07:42 2001