NYC 9/11 Public Portal Document

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/16/2001 Time: 14:40:25

Sample: AD23651
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 10/16/01 09:24 Ended: 10/16/01 09:24 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1501\23651.D Vial: 5
Acq On : 15 Oct 2001 4:06 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 15 16:55 2001 Quant Results File: NP091101.RES

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration
DataAcq Meth : NP091101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.76	152	588018	20.00	ug/l	-0.15
19) Naphthalene-d8	15.38	136	2310601	20.00	ug/l	-0.15
31) Acenaphthene-d10	20.66	164	1100863	20.00	ug/l	-0.15
49) Phenanthrene-d10	25.09	188	1566868	20.00	ug/l	-0.15
59) Chrysene-d12	33.13	240	1087397	20.00	ug/l	-0.15
68) Perylene-d12	37.24	264	803141	20.00	ug/l	-0.18
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	12.28	152	5890	0.21	ug/l	-0.15
Spiked Amount 50.000			Recovery =	0.42%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.81	172	2463	0.03	ug/l	0.00
Spiked Amount 50.000			Recovery =	0.06%		
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

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1501\23651.D Vial: 5
Acq On : 15 Oct 2001 4:06 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 15 16:55 2001 Quant Results File: NP091101.RES

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration
DataAcq Meth : NP091101

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	15.43	128	123	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	0.00	65	0	N.D.	
44) 2,4-Dinitrotoluene	20.97	165	272	N.D.	
45) Diethylphthalate	22.16	149	2637	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	25.10	178	346	N.D.	
56) Anthracene	25.10	178	346	N.D.	
57) Di-n-butylphthalate	27.08	149	3352	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	33.13	228	2365	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.39	149	2966	N.D.	
67) Chrysene	33.13	228	2365	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

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1501\23651.D Vial: 5
Acq On : 15 Oct 2001 4:06 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 15 16:55 2001 Quant Results File: NP091101.RES

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration
DataAcq Meth : NP091101

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Benzo(k)fluoranthene	0.00	252	0	N.D.	
72) Benzo(a)pyrene	37.23	252	2717	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

NYC-WTC_000089062

NYC 9/11 Public Portal Document

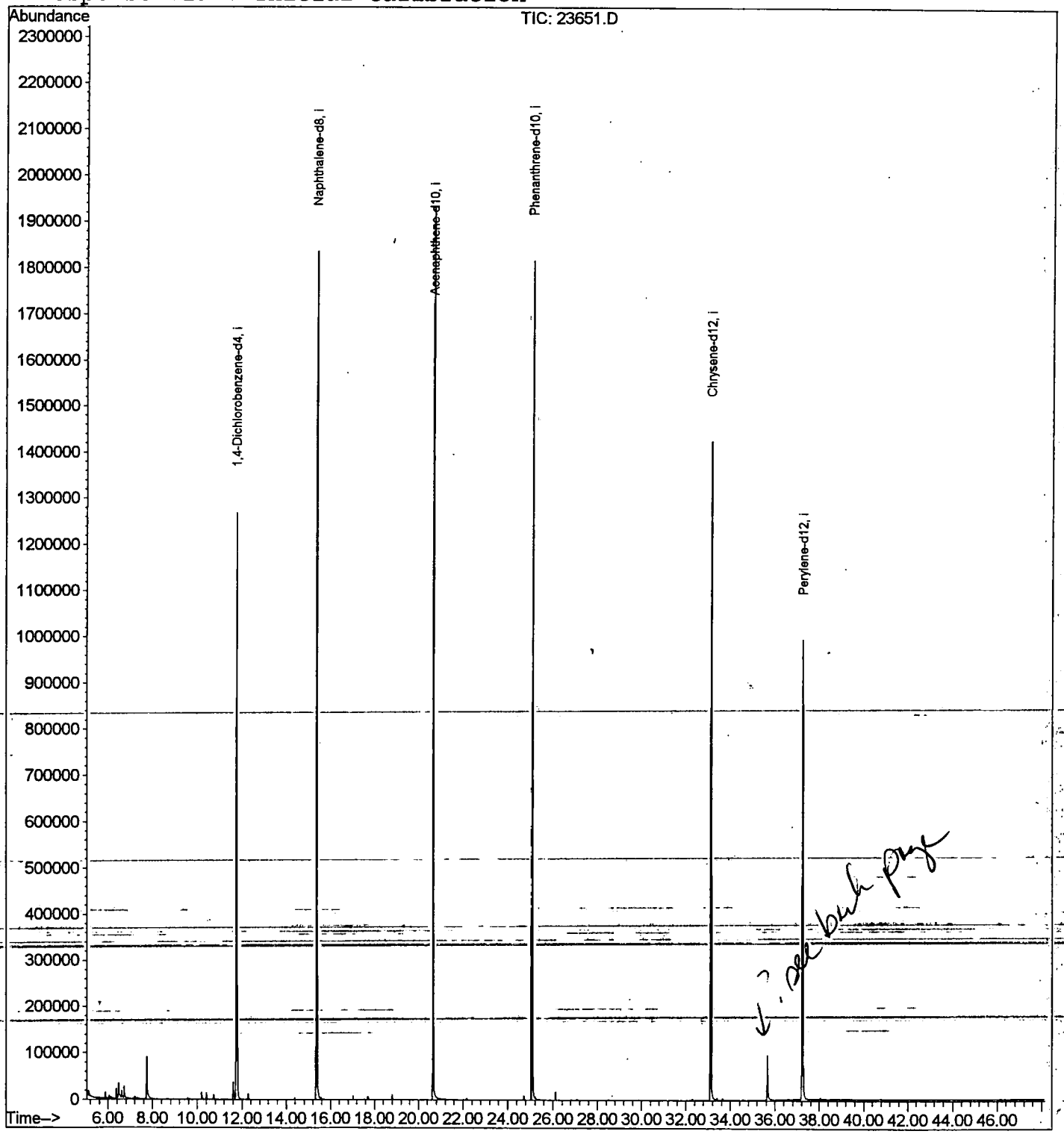
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23651.D
Acq On : 15 Oct 2001 4:06 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 15 16:55 2001

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: NP091101.RES

Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration



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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23651.D Vial: 5
Acq On : 15 Oct 2001 4:06 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
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	6.479	153	157	168	rVV	32413	84941	1.94%	0.375%
2	6.727	180	184	191	rVB2	24185	51049	1.17%	0.225%
3	7.746	291	295	311	rBV	90359	224812	5.14%	0.992%
4	11.620	712	717	727	rBV	37342	86211	1.97%	0.380%
5	11.758	727	732	751	rVV	1269200	3085228	70.50%	13.615%
6	15.375	1119	1126	1142	rBV	1836604	4222784	96.49%	18.635%
7	20.663	1694	1702	1719	rBV	1934941	4376300	100.00%	19.312%
8	25.088	2176	2184	2196	rBV2	1817584	4037847	92.27%	17.819%
9	33.130	3052	3060	3076	rBV2	1425596	3370972	77.03%	14.876%
10	35.664	3331	3336	3347	rBV	95659	235934	5.39%	1.041%
11	37.243	3498	3508	3523	rBV2	993874	2884749	65.92%	12.730%

Sum of corrected areas: 22660827

23651.D NP091101.M Wed Oct 17 10:05:07 2001

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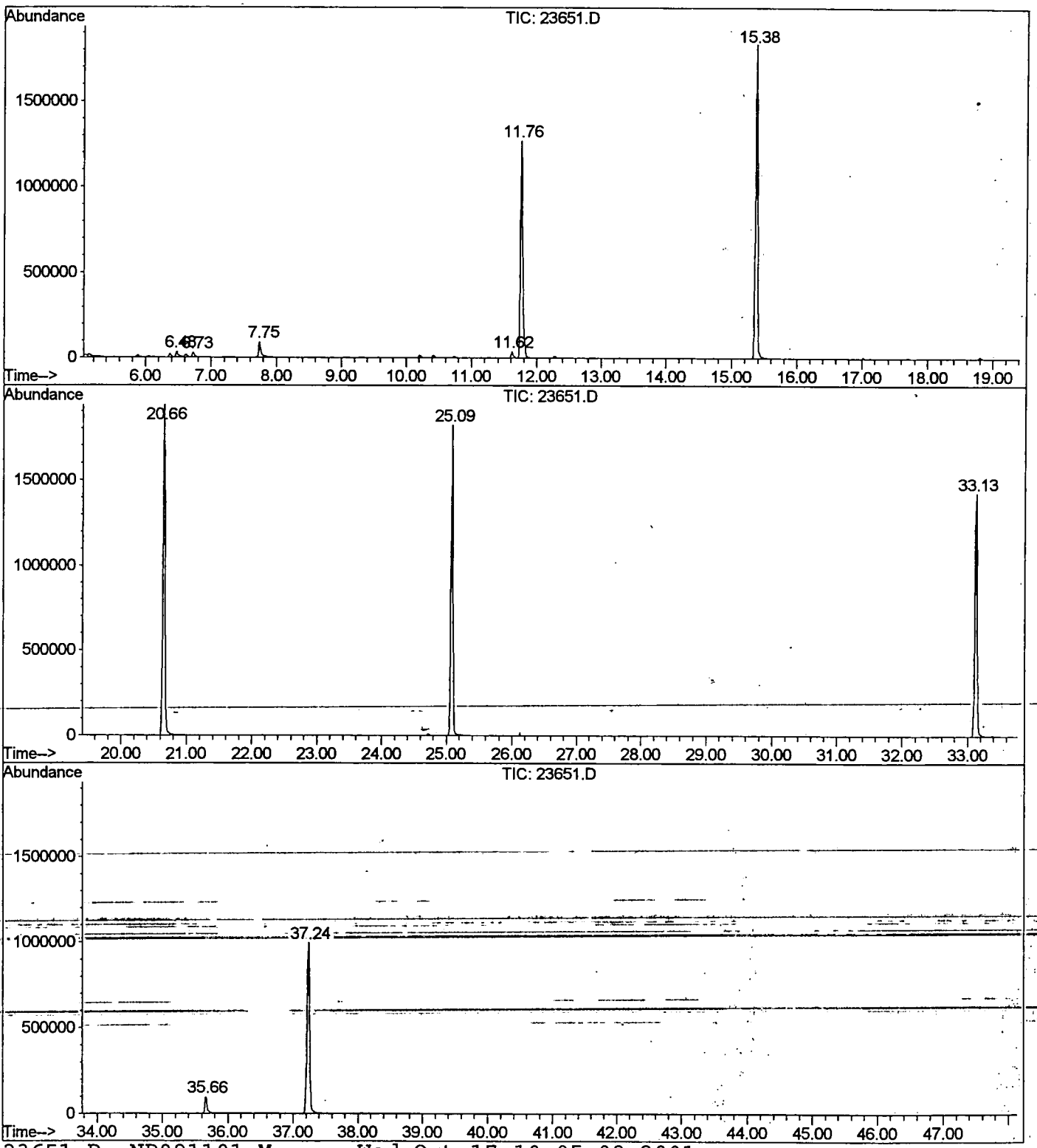
LSC Report---Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT1501\23651.D
Operator : 209 GALOS
Acquired : 15 Oct 2001 4:06 pm using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 5
Quant File :NP091101.RES (RTE Integrator)



23651.D NP091101.M Wed Oct 17 10:05:09 2001

NYC-WTC_000089065

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23651.D
Acq On : 15 Oct 2001 4:06 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

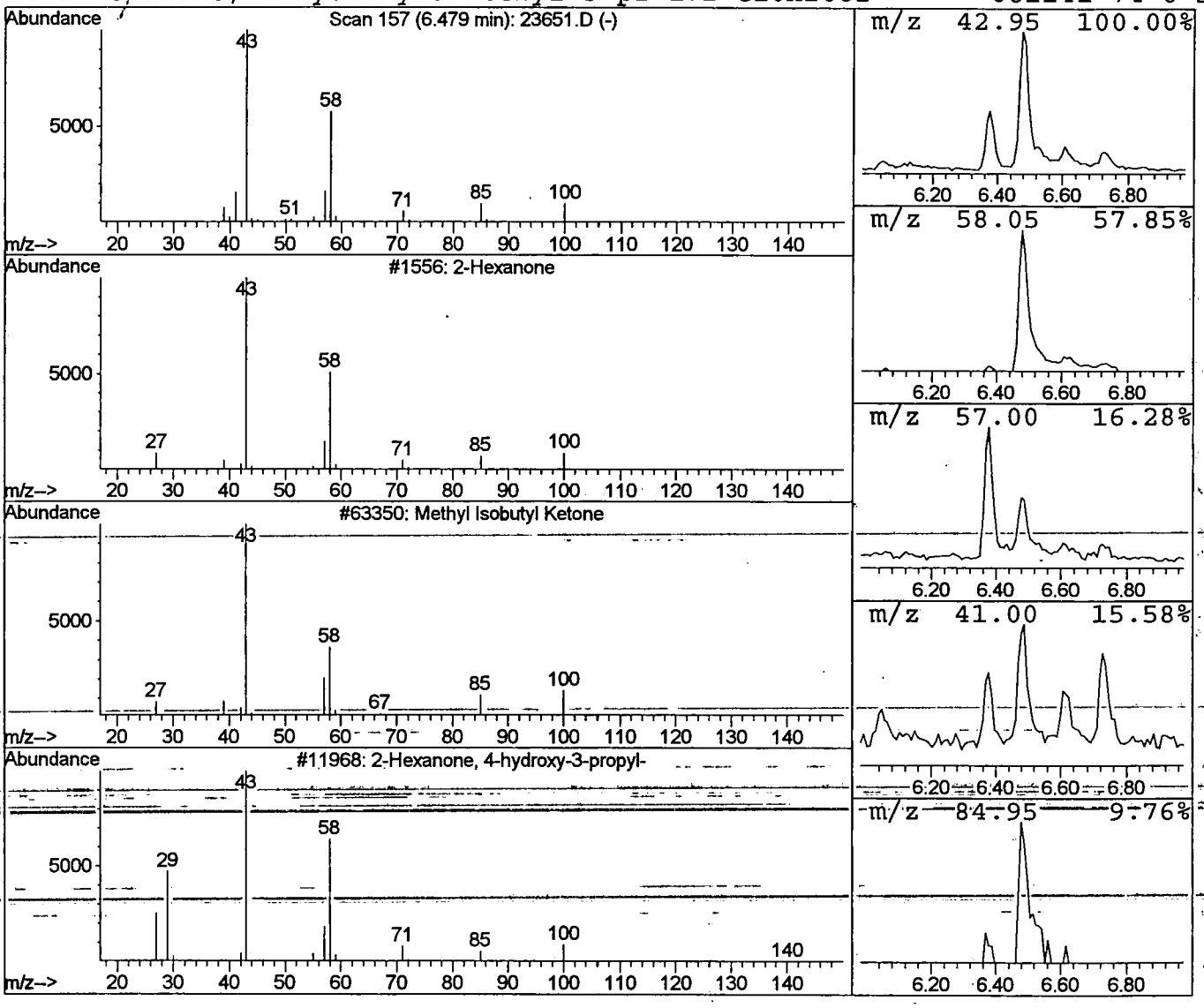
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Hexanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	0.55 ug/l	84941	1,4-Dichlorobenzene-d4	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	91
2	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58
3	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	40
4	2-Hexanone, 4-hydroxy-5-methyl-3-pr	172	C10H20O2	061141-74-0	38



NYC-WTC_000089066

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23651.D
Acq On : 15 Oct 2001 4:06 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

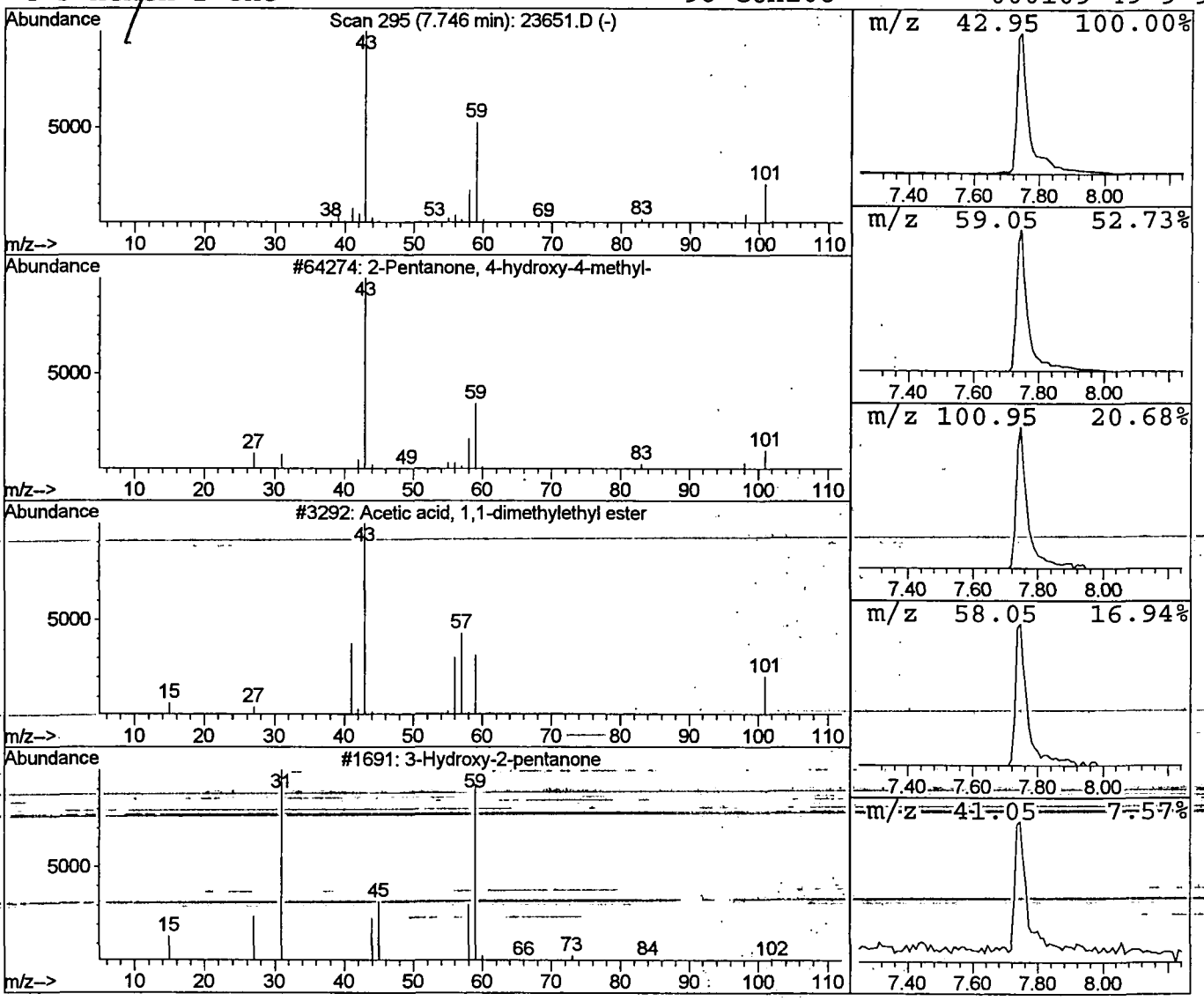
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	1.46 ug/l	224812	1,4-Dichlorobenzene-d4	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9



NYC-WTC_000089067

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23651.D
Acq On : 15 Oct 2001 4:06 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

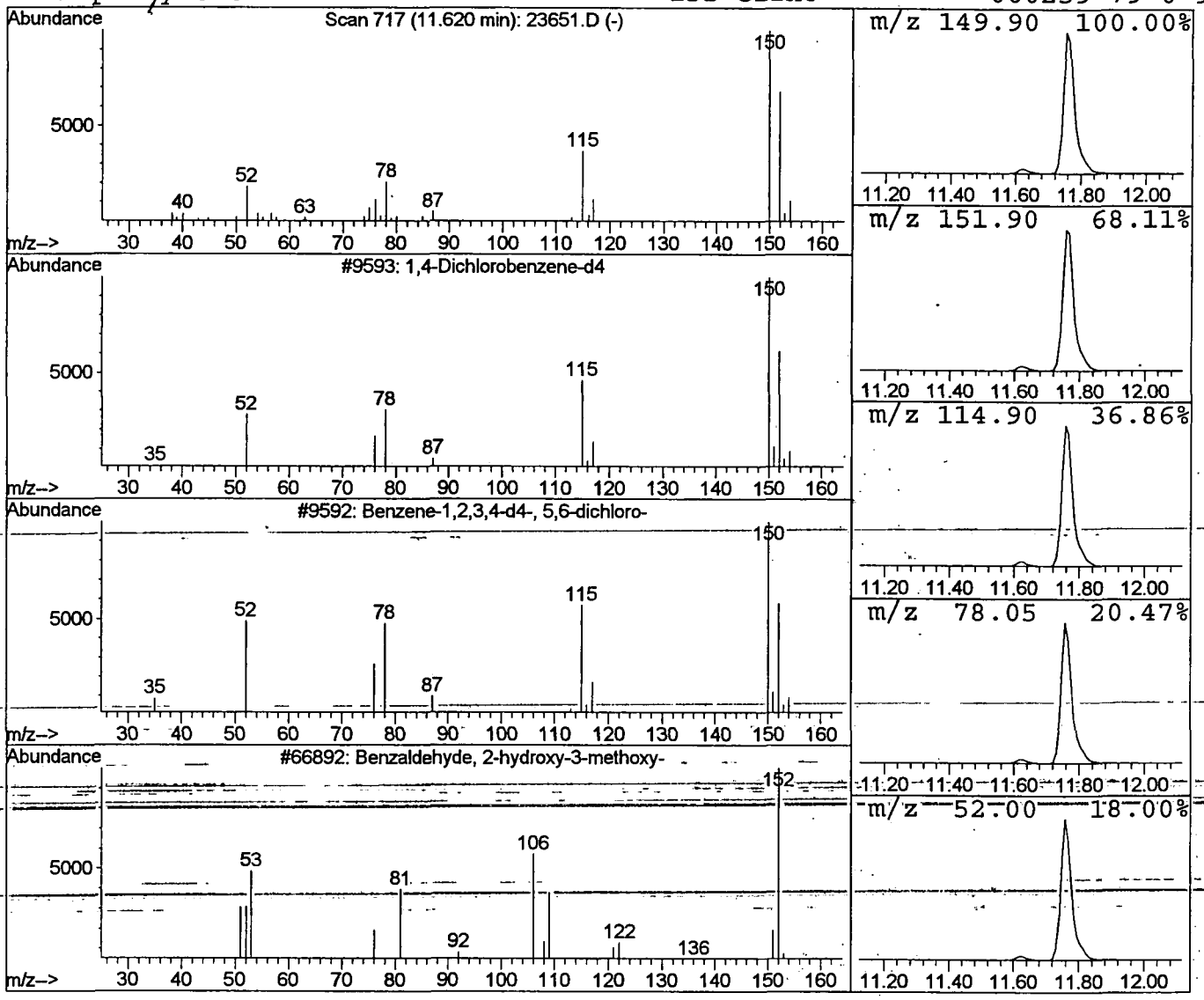
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

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

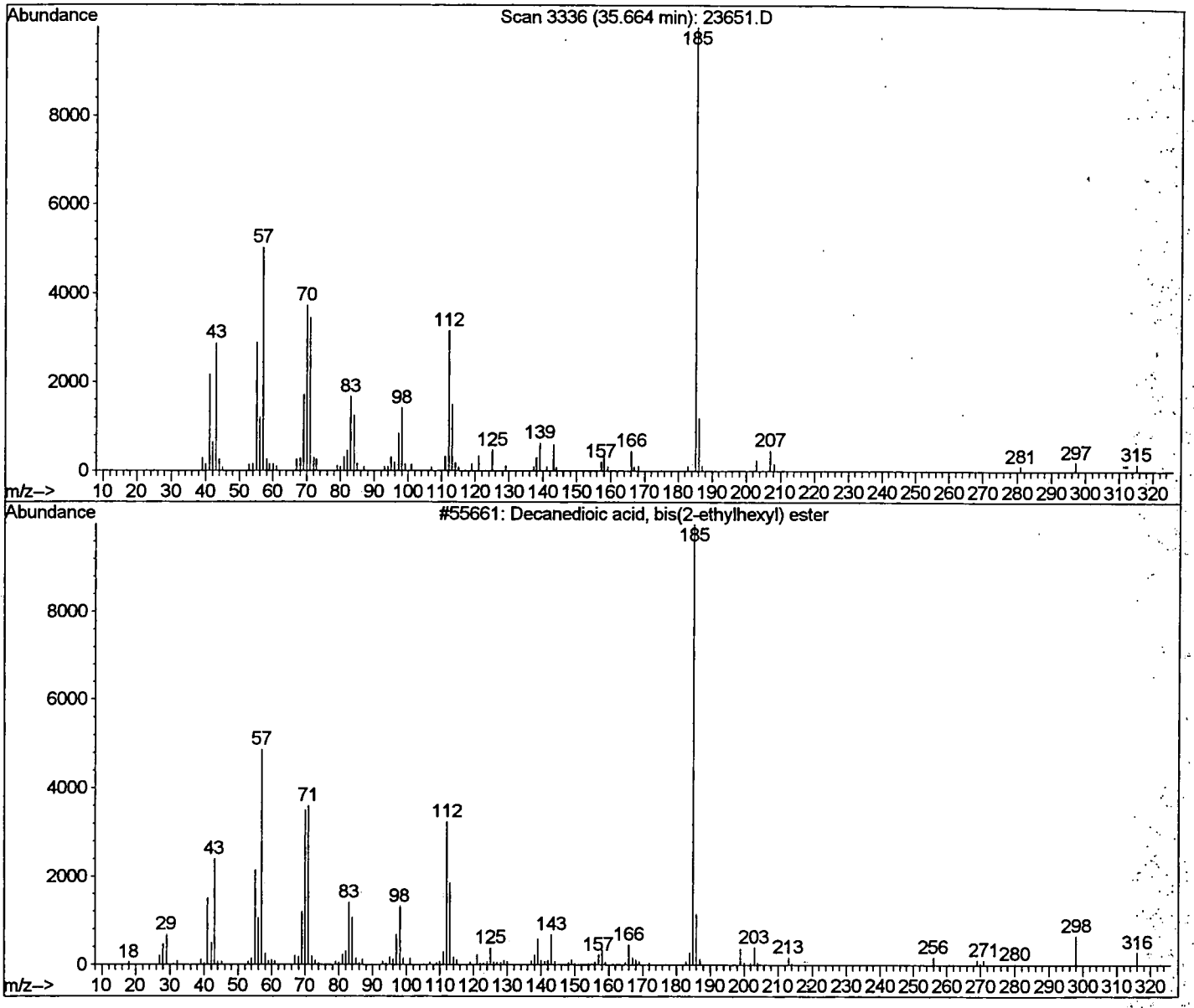
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	0.56 ug/l	86211	1,4-Dichlorobenzene-d4	11.76

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	43
3	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10
4	Biphenylene	152	C12H8	000259-79-0	9



NYC-WTC_000089068

Library Searched : C:\DATABASE\nbs75k.l
Quality : 87
ID : Decanedioic acid, bis(2-ethylhexyl) ester



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23651.D
Acq On : 15 Oct 2001 4:06 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

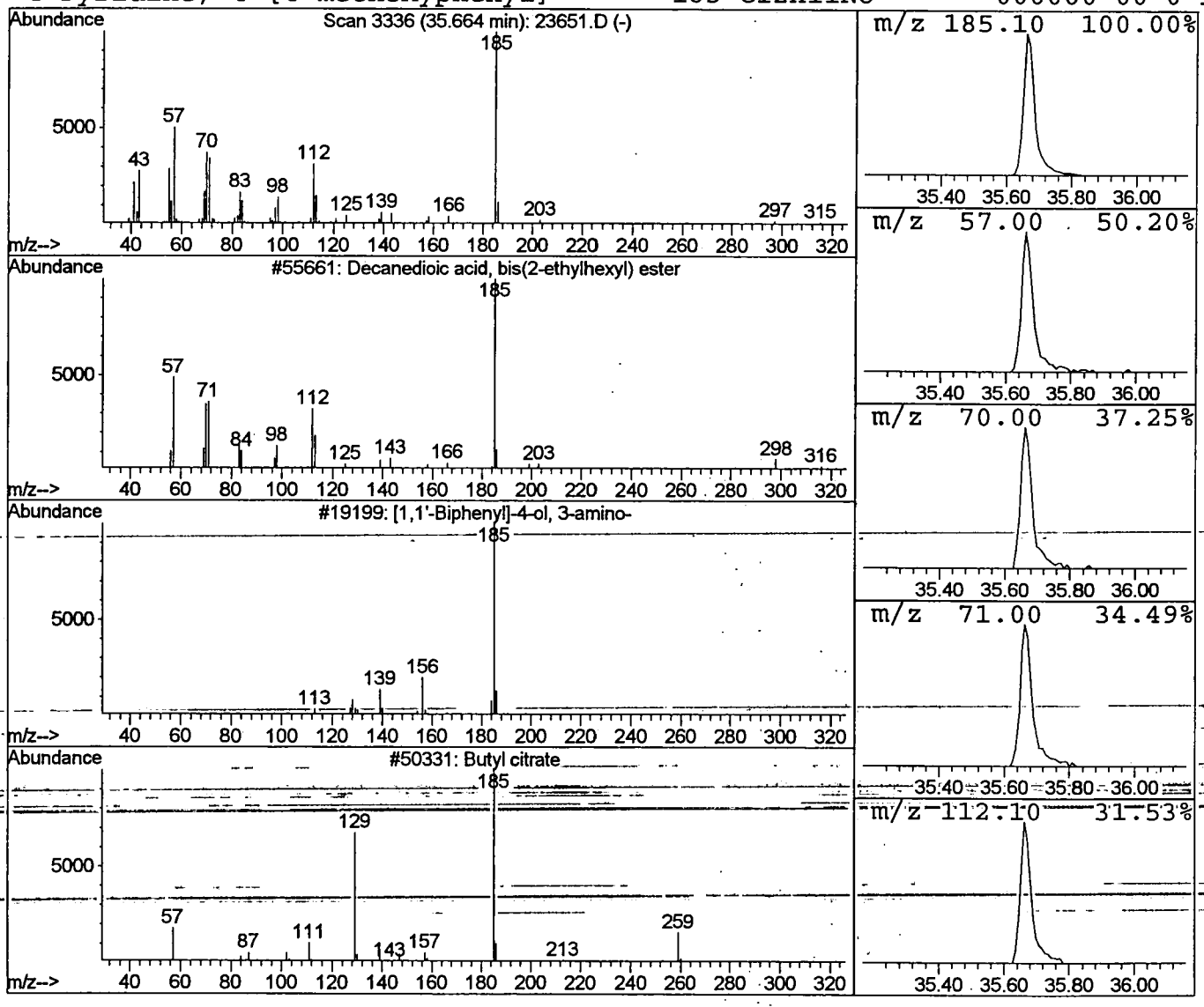
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Decanedioic acid, bis(2-ethylh Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.66	1.64 ug/l	235934	Perylene-d12	37.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanedioic acid, bis(2-ethylhexyl)	426	C26H50O4	000122-62-3	87
2	[1,1'-Biphenyl]-4-ol, 3-amino-	185	C12H11NO	001134-36-7	32
3	Butyl citrate	360	C18H32O7	000077-94-1	32
4	Pyridine, 4-[4-methoxyphenyl]-	185	C12H11NO	000000-00-0	17



NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 15 Oct 2001 4:06 pm
Data File: C:\HPCHEM\1\DATA\OCT1501\23651.D
Name: gc/ms unknown
Misc:
Method: C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title: 209 625/TCLP calibration table 7/16/01
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
2-Hexanone	6.48	0.6	ug/l	84941	ISTD01	11.76	3085230	20.0
2-Pentanone, 4-hydro	7.75	1.5	ug/l	224812	ISTD01	11.76	3085230	20.0
1,4-Dichlorobenzene-	11.62	0.6	ug/l	86211	ISTD01	11.76	3085230	20.0
Decanedioic acid, bi	35.66	1.6	ug/l	235934	ISTD06	37.24	2884750	20.0

23651.D NP091101.M Wed Oct 17 10:05:20 2001

Comments for Sample AD23651 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 10-18-2001 Time: 10:10:24

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