NYC 9/11 Public Portal Document

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/29/2001 Time: 14:44:08

Sample: AD25663
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/29/01 14:42 Ended: 11/29/01 14:42 Analyst: MG
Result source: manual entry
Page: 1

	Component Name	Vol	Result
1	Other unknown compounds		see comment

Comments for Sample AD25663 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 11-29-2001 Time: 14:45:20

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.

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV1601\25663.D Vial: 27
Acq On : 17 Nov 2001 4:25 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 17 17:13 2001 Quant Results File: NP103001.RES

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.71	152	645996	20.00	ug/l	-0.02
19) Naphthalene-d8	15.32	136	2460135	20.00	ug/l	-0.02
31) Acenaphthene-d10	20.59	164	1225736	20.00	ug/l	-0.02
49) Phenanthrene-d10	25.02	188	1815962	20.00	ug/l	-0.02
59) Chrysene-d12	33.05	240	1376777	20.00	ug/l	-0.02
68) Perylene-d12	37.16	264	1016767	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	12.27	152	536	0.02	ug/l	0.02
Spiked Amount 50.000			Recovery =	0.04%		
20) Nitrobenzene-d5	13.59	82	804	0.02	ug/l	0.23
Spiked Amount 50.000			Recovery =	0.04%		
32) 2-Fluorobiphenyl	18.75	172	1387	0.02	ug/l	0.13
Spiked Amount 50.000			Recovery =	0.04%		
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	13.59	82	804	N.D.		

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

NYC-WTC_000069970

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV1601\25663.D Vial: 27
Acq On : 17 Nov 2001 4:25 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 17 17:13 2001 Quant Results File: NP103001.RES

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

	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	0.00	128	0	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	20.85	165	198	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	25.02	178	724	N.D.	
56)	Anthracene	25.02	178	724	N.D.	
57)	Di-n-butylphthalate	27.03	149	2614	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	33.05	228	3541	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.33	149	2574	N.D.	
67)	Chrysene	33.05	228	3541	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

NYC-WTC_000069971

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV1601\25663.D Vial: 27
Acq On : 17 Nov 2001 4:25 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 17 17:13 2001 Quant Results File: NP103001.RES

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
72)	Benzo(a)pyrene	37.16	252	3717	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_000069972

NYC 9/11 Public Portal Document

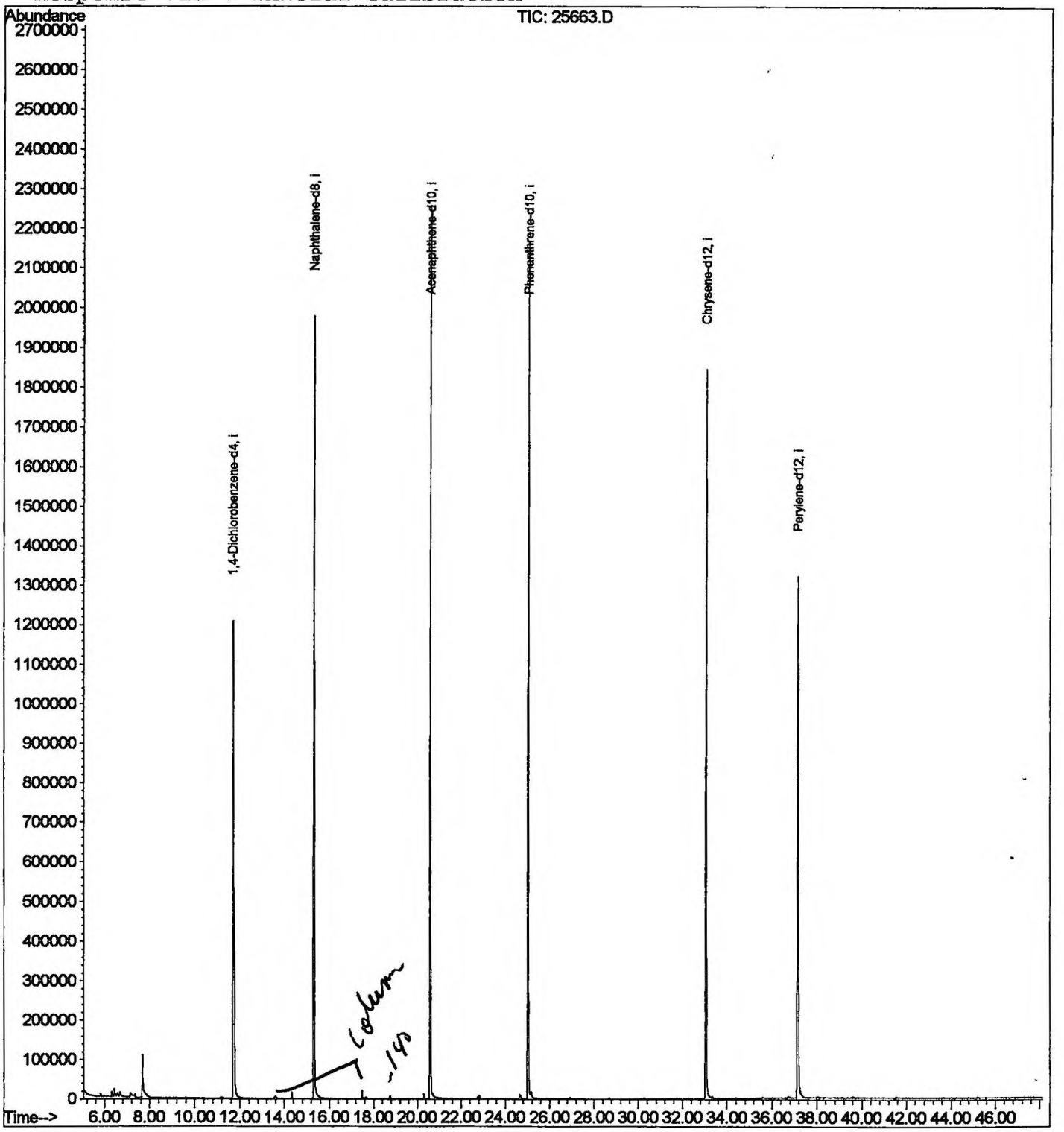
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV1601\25663.D
Acq On : 17 Nov 2001 4:25 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 17 17:13 2001

Vial: 27
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: NP103001.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



NYC-WTC_000069973

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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV1601\25663.D Vial: 27
Acq On : 17 Nov 2001 4:25 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\NP103001.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	6.420	147	150	159	rVV2	19737	52034	1.06%	0.200%
2	7.687	284	288	299	rBV	109234	308662	6.31%	1.185%
3	11.708	721	726	747	rBV	1209858	3375827	69.05%	12.959%
4	15.315	1113	1119	1139	rBV	1977825	4489428	91.82%	17.233%
5	20.594	1688	1694	1709	rBV	2257270	4889171	100.00%	18.768%
6	25.019	2169	2176	2188	rBV2	2165963	4747533	97.10%	18.224%
7	25.157	2188	2191	2204	rVB2	16757	58023	1.19%	0.223%
8	33.052	3044	3051	3071	rBV2	1844716	4316826	88.29%	16.571%
9	37.155	3489	3498	3517	rBV2	1319934	3813344	78.00%	14.638%

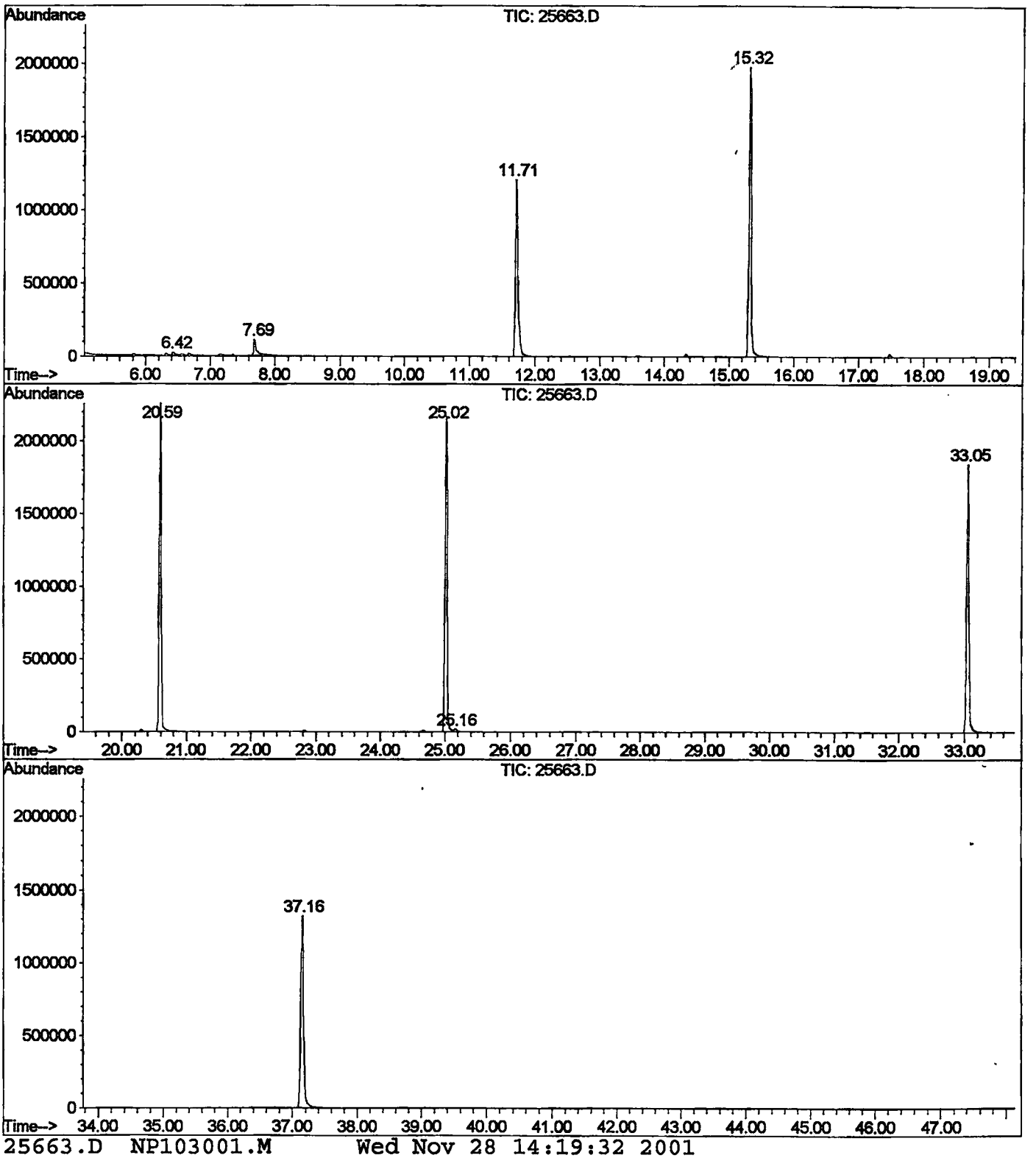
Sum of corrected areas: 26050848

25663.D NP103001.M Wed Nov 28 14:19:29 2001

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV1601\25663.D
Operator : 209 GALOS
Acquired : 17 Nov 2001 4:25 pm using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 27
Quant File :NP103001.RES (RTE Integrator)



25663.D NP103001.M Wed Nov 28 14:19:32 2001

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1601\25663.D
Acq On : 17 Nov 2001 4:25 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 27
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

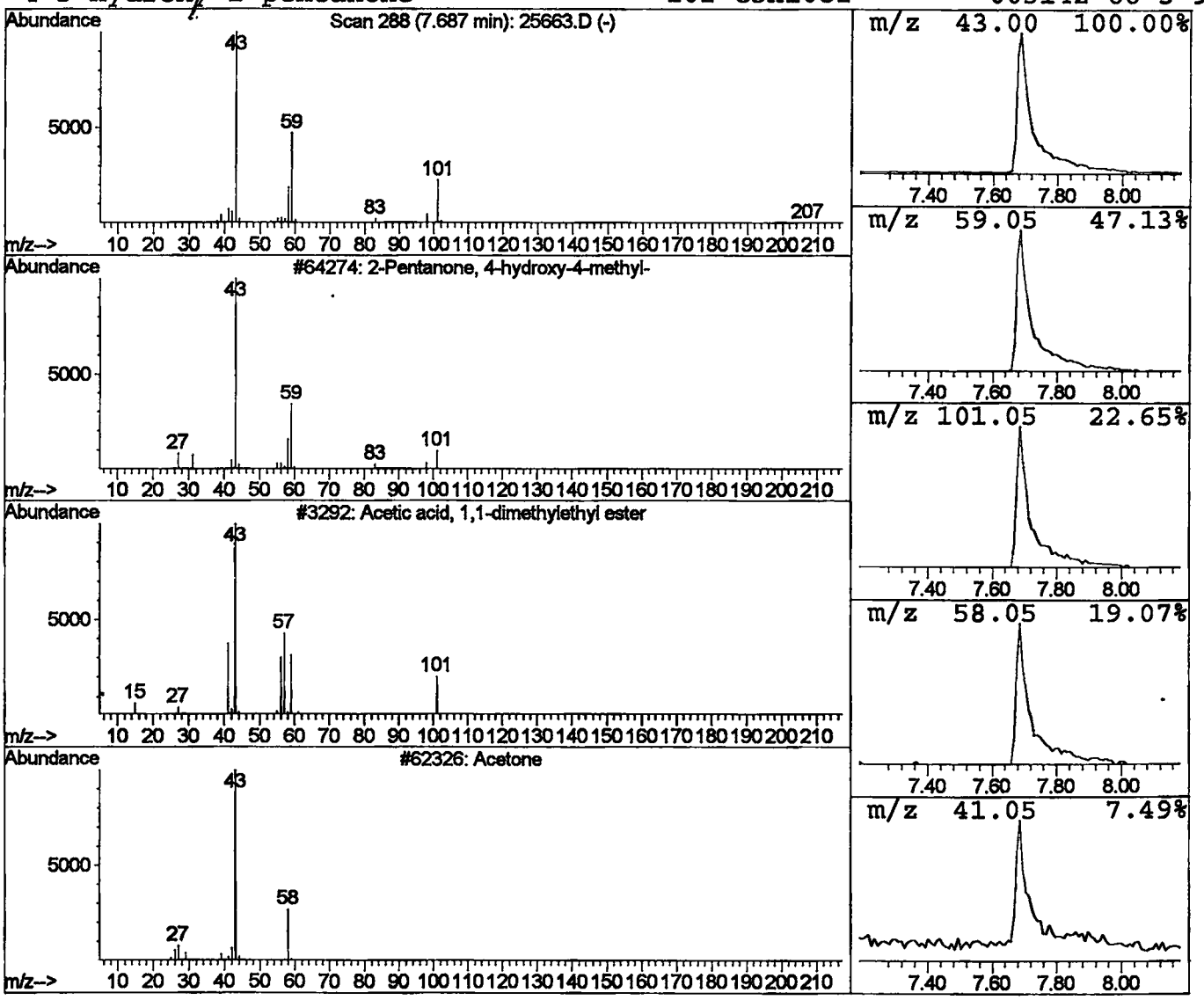
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	1.83 ug/l	308662	1,4-Dichlorobenzene-d4	11.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28
3	Acetone	58	C3H6O	000067-64-1	12
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



NYC-WTC_000069976

NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 17 Nov 2001 4:25 pm
Data File: C:\HPCHEM\1\DATA\NOV1601\25663.D
Name: gc/ms unknown
Misc:
Method: C:\HPCHEM\1\METHODS\NP103001.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	7.69	1.8	ug/l	308662	ISTD01	11.71	3375830	20.0

25663.D NP103001.M Wed Nov 28 14:19:36 2001