NYC 9/11 Public Portal Document

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/06/2001 Time: 15:47:48

Sample: AD25840
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/6/01 15:47 Ended: 12/6/01 15:47 Analyst: MG
Page: 1

	Component Name	Vol	Result
1	Other unknown compounds		see comment

NYC-WTC_000070154

Comments for Sample AD25840 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-06-2001 Time: 15:47:55

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\NOV1901\25840.D Vial: 7
Acq On : 19 Nov 2001 9:08 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 21:57 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	11.72	152	745457	20.00	ug/l	0.00
19) Naphthalene-d8	15.31	136	2863332	20.00	ug/l	-0.02
31) Acenaphthene-d10	20.59	164	1466541	20.00	ug/l	-0.02
49) Phenanthrene-d10	25.02	188	2209805	20.00	ug/l	-0.02
59) Chrysene-d12	33.05	240	1587351	20.00	ug/l	-0.02
68) Perylene-d12	37.15	264	1153850	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	11.72	132	677	0.01	ug/l	0.48
Spiked Amount 75.000			Recovery =	0.01%		
7) 1,2-Dichlorobenzene-d4	12.22	152	356	0.01	ug/l	-0.03
Spiked Amount 50.000			Recovery =	0.02%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.75	172	1712	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	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\NOV1901\25840.D Vial: 7
Acq On : 19 Nov 2001 9:08 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 21:57 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	15.37	128	671	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	20.96	165	491	N.D.	
45) Diethylphthalate	22.13	149	332	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	758	N.D.	
56) Anthracene	25.02	178	758	N.D.	
57) Di-n-butylphthalate	27.03	149	3924	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	33.06	228	3714	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.32	149	1185	N.D.	
67) Chrysene	33.06	228	3714	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\NOV1901\25840.D Vial: 7
Acq On : 19 Nov 2001 9:08 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 21:57 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	37.15	252	4773	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

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NYC 9/11 Public Portal Document

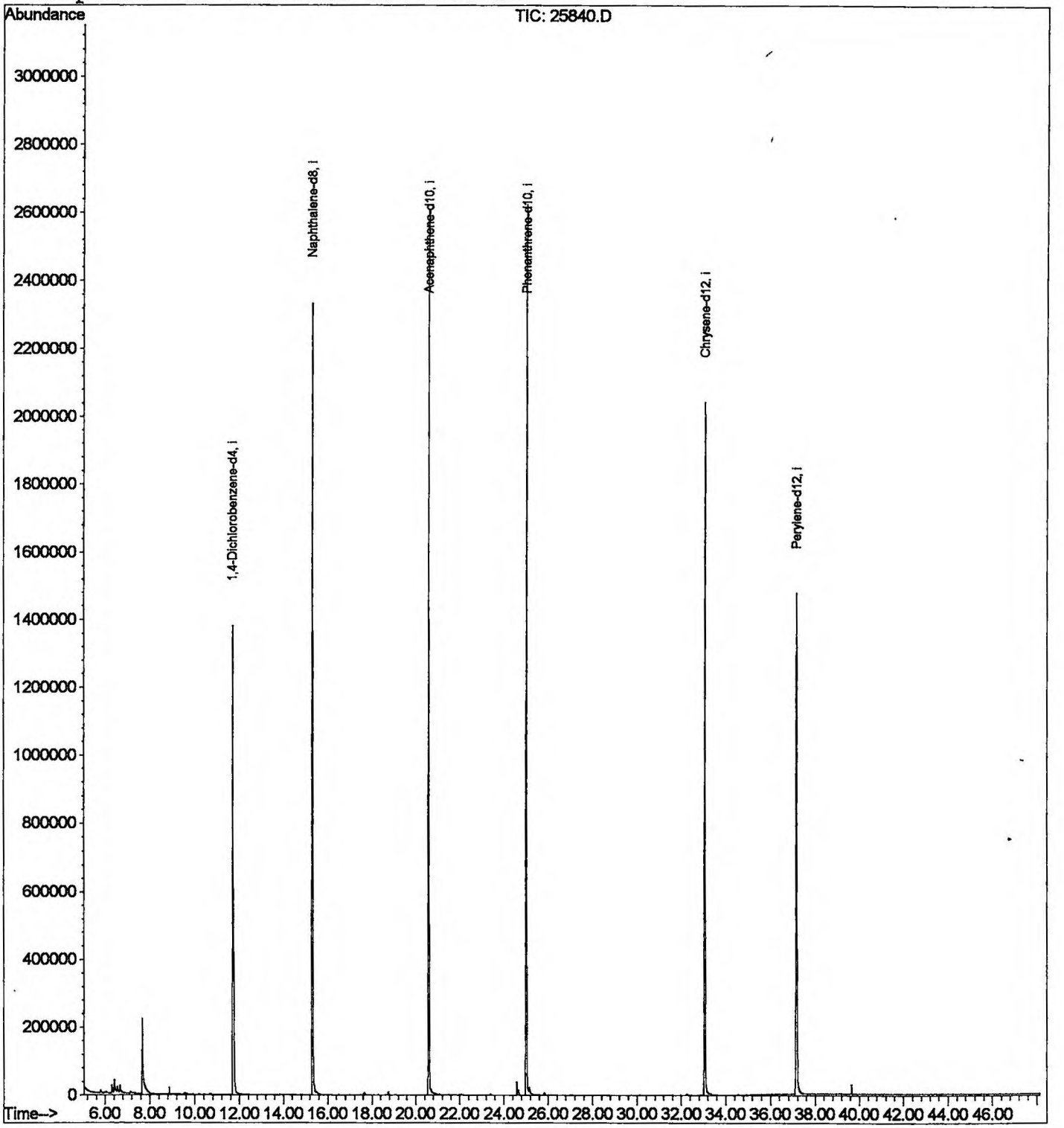
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV1901\25840.D
Acq On : 19 Nov 2001 9:08 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 19 21:57 2001

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: NP103001.RES

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



NYC-WTC_000070160

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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV1901\25840.D Vial: 7
Acq On : 19 Nov 2001 9:08 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	6.418	147	150	161	rVV	39318	114713	1.96%	0.371%
2	6.666	173	177	191	rVB	22799	67415	1.15%	0.218%
3	7.676	283	287	311	rBV	223110	717493	12.25%	2.321%
4	11.706	721	726	747	rBV	1379894	3850645	65.72%	12.456%
5	15.314	1114	1119	1137	rBV	2332670	5198296	88.72%	16.815%
6	20.593	1688	1694	1712	rBV	2606793	5859081	100.00%	18.953%
7	25.018	2170	2176	2188	rBV2	2622810	5741225	97.99%	18.572%
8	25.165	2188	2192	2208	rVB	21371	73186	1.25%	0.237%
9	33.050	3044	3051	3070	rBV2	2042923	4985335	85.09%	16.127%
10	37.154	3489	3498	3521	rBV2	1475138	4306429	73.50%	13.930%

Sum of corrected areas: 30913818

25840.D NP103001.M Wed Dec 05 15:33:05 2001

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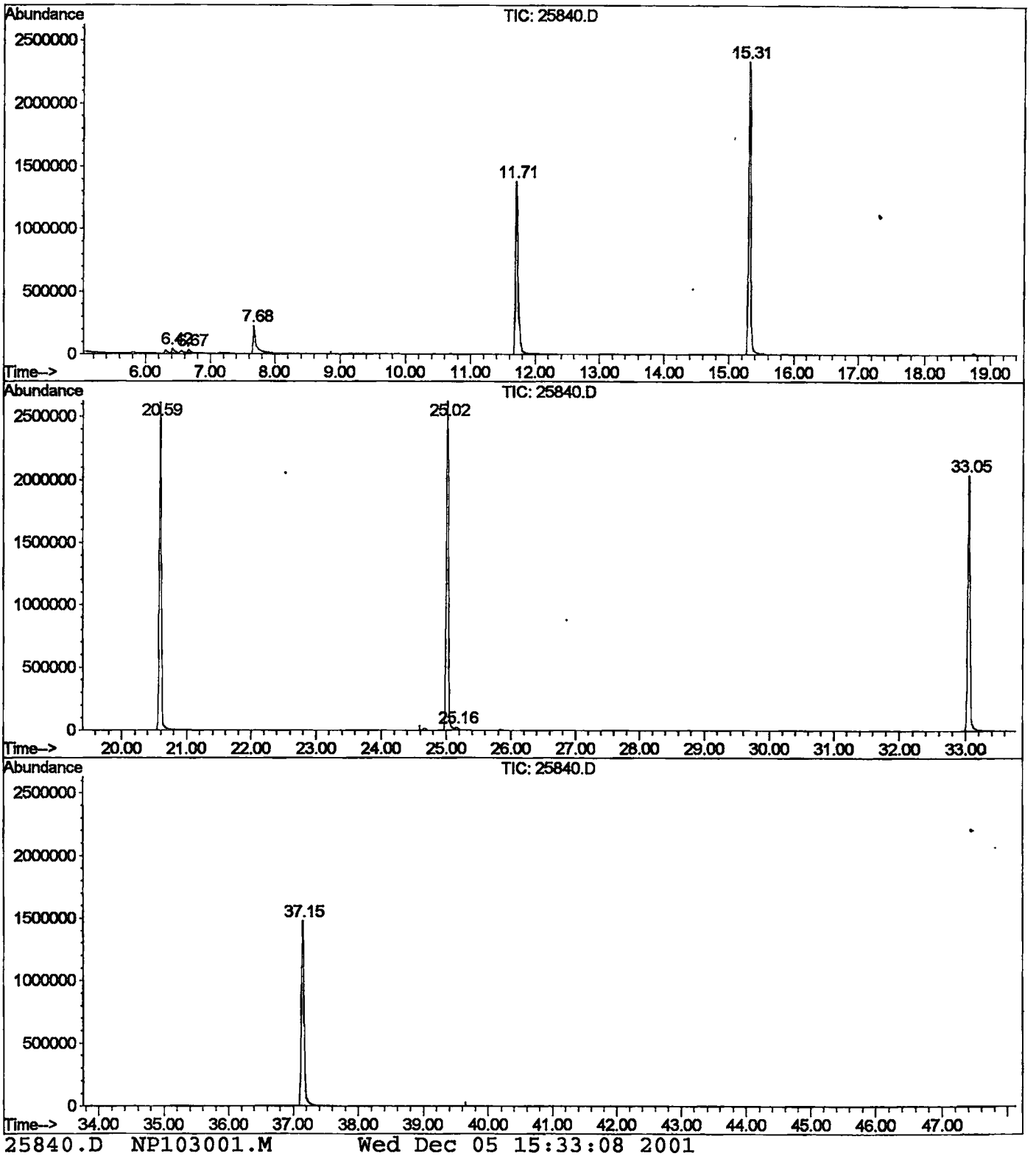
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV1901\25840.D
Operator : 209 GALOS
Acquired : 19 Nov 2001 9:08 pm using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 7
Quant File :NP103001.RES (RTE Integrator)



25840.D NP103001.M Wed Dec 05 15:33:08 2001

NYC-WTC_000070162

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1901\25840.D
Acq On : 19 Nov 2001 9:08 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

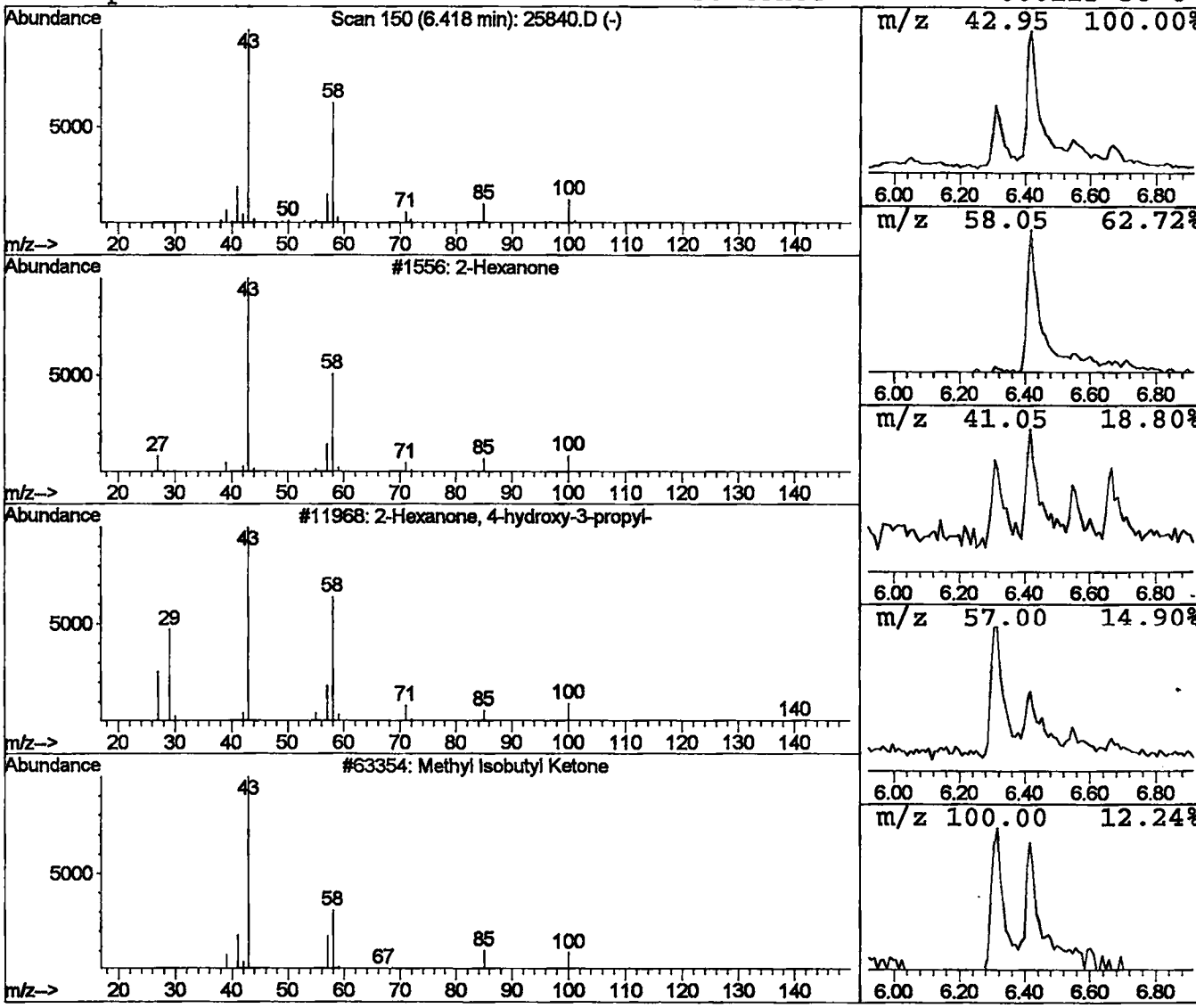
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	0.60 ug/l	114713	1,4-Dichlorobenzene-d4	11.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	91
2	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	72
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58
4	Propanal	58	C3H6O	000123-38-6	38



NYC-WTC_000070163

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1901\25840.D
Acq On : 19 Nov 2001 9:08 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

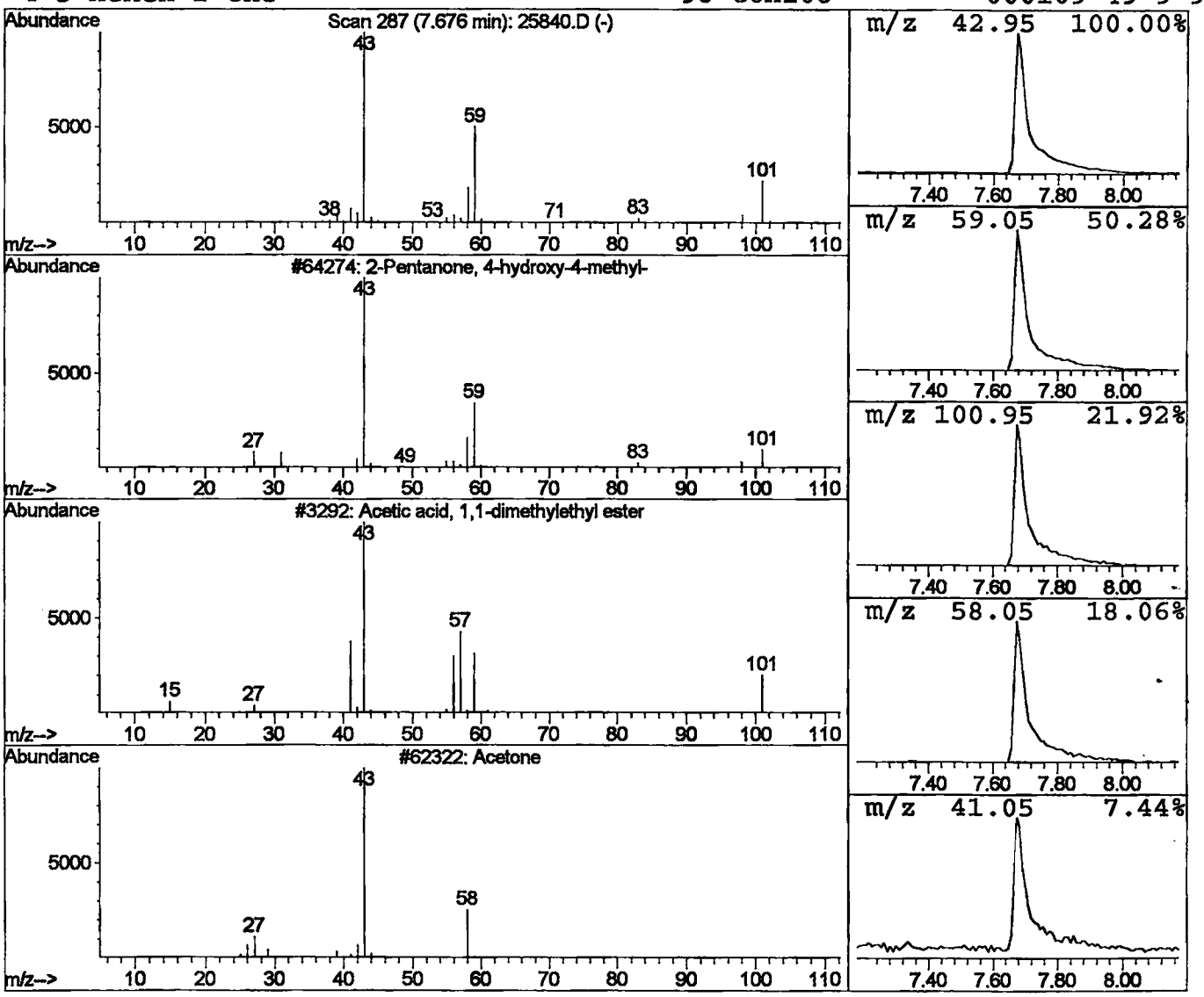
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	3.73 ug/l	717493	1,4-Dichlorobenzene-d4	11.72

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	33
3	Acetone	58	C3H6O	000067-64-1	10
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9



NYC-WTC_000070164

NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 19 Nov 2001 9:08 pm
Data File: C:\HPCHEM\1\DATA\NOV1901\25840.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-Hexanone	6.42	0.6	ug/l	114713	ISTD01	11.72	3850650	20.0
2-Pentanone, 4-hydro	7.68	3.7	ug/l	717493	ISTD01	11.72	3850650	20.0

25840.D NP103001.M Wed Dec 05 15:33:14 2001