User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/26/2001 Time: 11:58:53

Sample: AD25462
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/26/01 11:58 Ended: 11/26/01 11:58 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD25462 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 11-26-2001 Time: 11:58:57

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\NOV1601\25462.D Vial: 8
Acq On : 16 Nov 2001 9:52 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 11:49 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	660277	20.00	ug/l	-0.02
19) Naphthalene-d8	15.31	136	2494645	20.00	ug/l	-0.02
31) Acenaphthene-d10	20.59	164	1244024	20.00	ug/l	-0.02
49) Phenanthrene-d10	25.02	188	1874611m	20.00	ug/l	-0.02
59) Chrysene-d12	33.05	240	1391886	20.00	ug/l	-0.02
68) Perylene-d12	37.15	264	1028959	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	205	0.00	ug/l	0.46
Spiked Amount 75.000			Recovery =	0.00%		
7) 1,2-Dichlorobenzene-d4	12.17	152	795	0.03	ug/l	-0.07
Spiked Amount 50.000			Recovery =	0.06%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.75	172	1393	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV1601\25462.D Vial: 8
Acq On : 16 Nov 2001 9:52 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
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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	313	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	0.00	178	0	N.D.	d
56)	Anthracene	0.00	178	0	N.D.	d
57)	Di-n-butylphthalate	0.00	149	0	N.D.	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	3354	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.33	149	634	N.D.	
67)	Chrysene	33.05	228	3354	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\NOV1601\25462.D Vial: 8
Acq On : 16 Nov 2001 9:52 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 11:49 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	37.14	252	3805	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.	

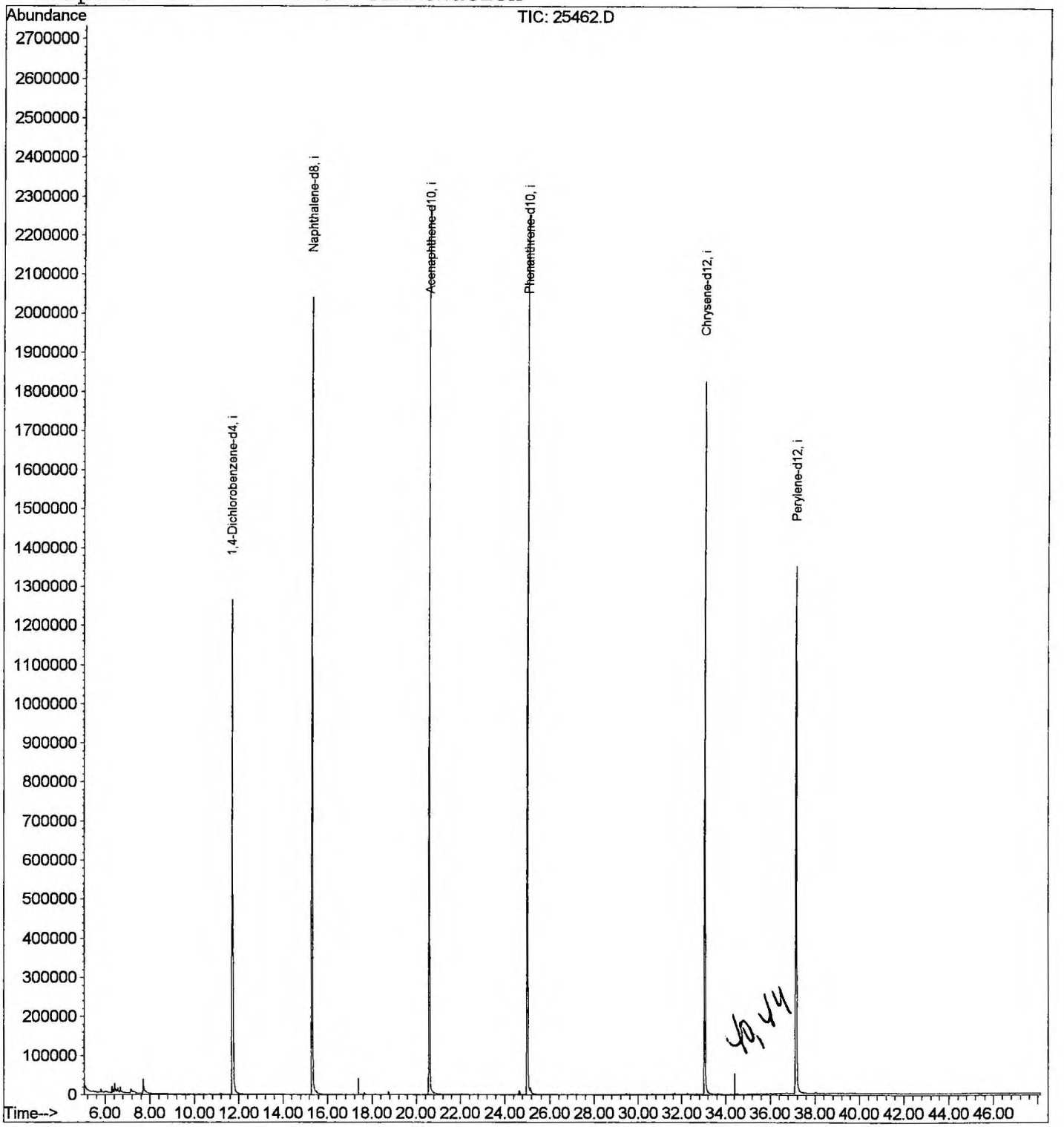
(#) = qualifier out of range (m) = manual integration
25462.D NP103001.M Wed Nov 21 11:50:33 2001 Page 3

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV1601\25462.D
Acq On : 16 Nov 2001 9:52 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 21 11:49 2001

Vial: 8
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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV1601\25462.D Vial: 8
Acq On : 16 Nov 2001 9:52 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

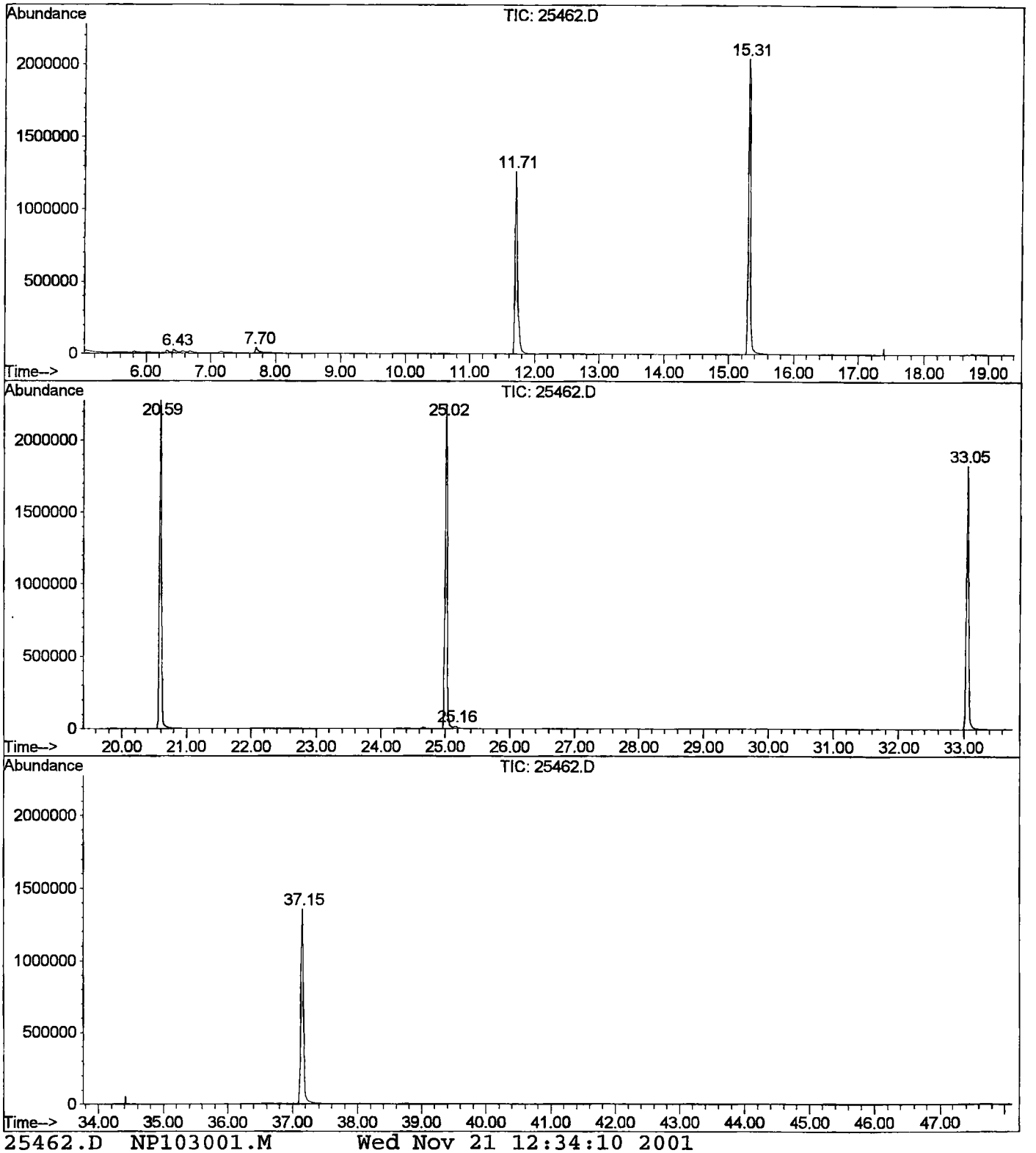
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.428	147	151	162	rVV2	23582	71589	1.45%	0.272%
2	7.704	286	290	307	rBV	38291	126349	2.55%	0.480%
3	11.706	721	726	749	rBV	1263818	3439051	69.50%	13.077%
4	15.314	1113	1119	1138	rBV	2041529	4555741	92.07%	17.323%
5	20.593	1688	1694	1708	rBV	2276756	4948083	100.00%	18.815%
6	25.018	2169	2176	2188	rBV2	2253159	4879018	98.60%	18.552%
7	25.165	2188	2192	2200	rVB	16083	50484	1.02%	0.192%
8	33.050	3044	3051	3071	rBV2	1827954	4386773	88.66%	16.680%
9	37.154	3490	3498	3516	rBV2	1351216	3842200	77.65%	14.610%

Sum of corrected areas: 26299288

25462.D NP103001.M Wed Nov 21 12:34:08 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV1601\25462.D
Operator : 209 GALOS
Acquired : 16 Nov 2001 9:52 pm using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 8
Quant File :NP103001.RES (RTE Integrator)



25462.D NP103001.M Wed Nov 21 12:34:10 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1601\25462.D
Acq On : 16 Nov 2001 9:52 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

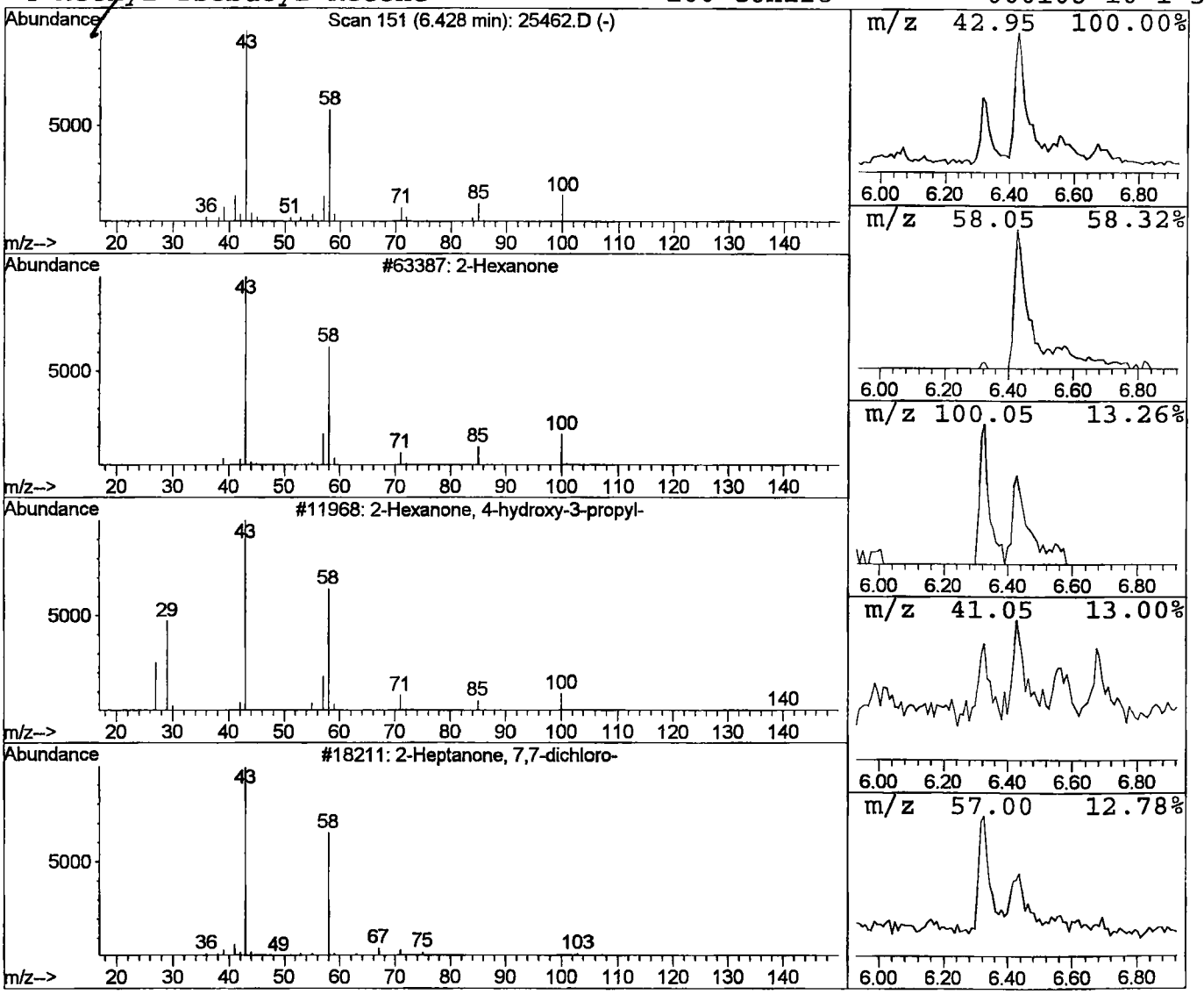
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	0.42 ug/l	71589	1,4-Dichlorobenzene-d4	11.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	90
2	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	64
3	2-Heptanone, 7,7-dichloro-	182	C7H12Cl2O	000000-00-0	50
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1601\25462.D
Acq On : 16 Nov 2001 9:52 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

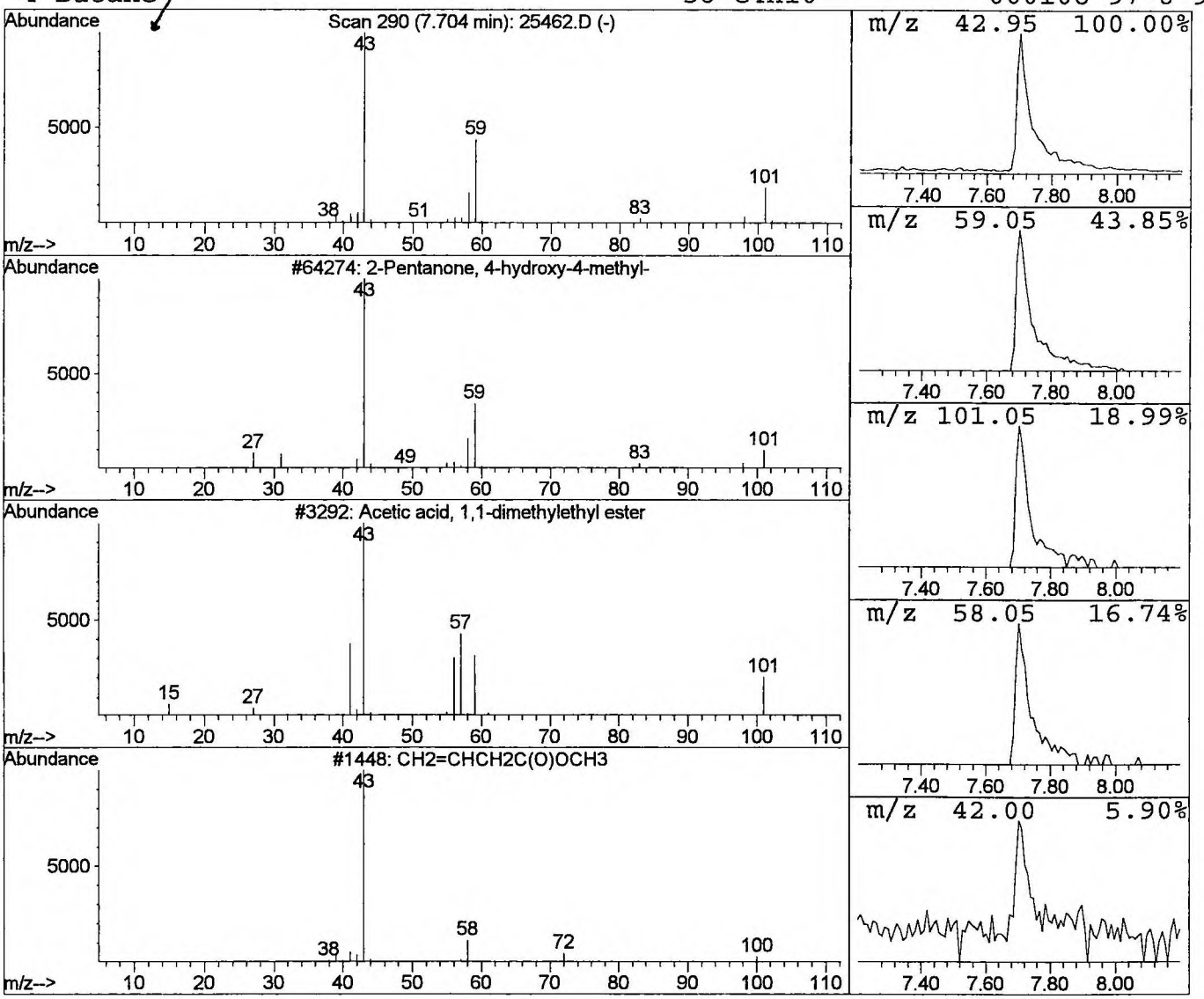
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	0.73 ug/l	126349	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	78
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	12
4	Butane	58	C4H10	000106-97-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Nov 2001 9:52 pm
Data File: C:\HPCHEM\1\DATA\NOV1601\25462.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	6.43	0.4	ug/l	71589	ISTD01	11.71	3439050	20.0
2-Pentanone, 4-hydro	7.70	0.7	ug/l	126349	ISTD01	11.71	3439050	20.0

25462.D NP103001.M Wed Nov 21 12:34:15 2001