User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 09/27/2001 Time: 08:57:19

Sample: AD22545
Analysis: $GCMS GC/MS Scan For Unknowns
Started: 9/27/01 08:56 Ended: 9/27/01 08:56 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD22545 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 10-03-2001 Time: 15:15:52

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.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\SEP2501\22545.D Vial: 11
Acq On : 26 Sep 2001 12:15 am Operator: 209 GALOS
Sample : GC/MS unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 15:16 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 : Thu Sep 13 12:47:04 2001
Response via : Initial Calibration
DataAcq Meth : NP091101

Contamination by paper bulb?

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.79	152	478797	20.00	ug/l	-0.12
19) Naphthalene-d8	15.40	136	1831903m	20.00	ug/l	-0.12
31) Acenaphthene-d10	20.68	164	877405	20.00	ug/l	-0.13
49) Phenanthrene-d10	25.12	188	1228498	20.00	ug/l	-0.12
59) Chrysene-d12	33.16	240	841620	20.00	ug/l	-0.12
68) Perylene-d12	37.27	264	645068	20.00	ug/l	-0.15
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	0.00	152	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	0.00	172	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
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)

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Acq On : 26 Sep 2001 12:15 am Operator: 209 GALOS
Sample : GC/MS unknown Inst : GC/MS 209
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Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Thu Sep 13 12:47:04 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	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	0.00	165	0	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.	
56)	Anthracene	0.00	178	0	N.D.	
57)	Di-n-butylphthalate	27.11	149	50289	0.51 ug/l	97
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	0.00	228	0	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.41	149	15935	0.29 ug/l	99
67)	Chrysene	0.00	228	0	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\SEP2501\22545.D Vial: 11
Acq On : 26 Sep 2001 12:15 am Operator: 209 GALOS
Sample : GC/MS unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 15:16 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 : Thu Sep 13 12:47:04 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	0.00	252	0	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.	

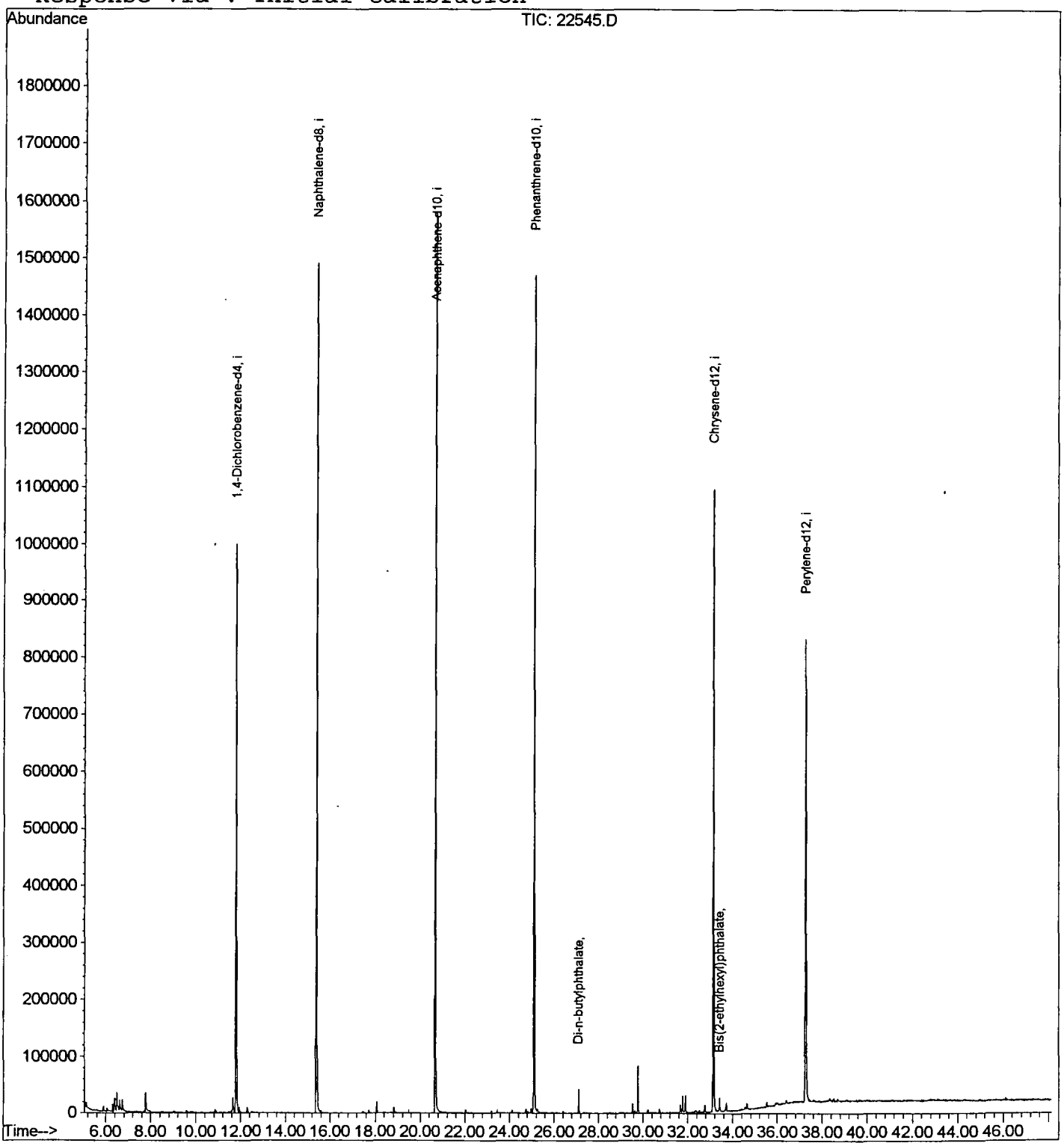
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\SEP2501\22545.D
Acq On : 26 Sep 2001 12:15 am
Sample : GC/MS unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 26 15:16 2001

Vial: 11
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 : Thu Sep 13 12:47:04 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\SEP2501\22545.D Vial: 11
Acq On : 26 Sep 2001 12:15 am 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

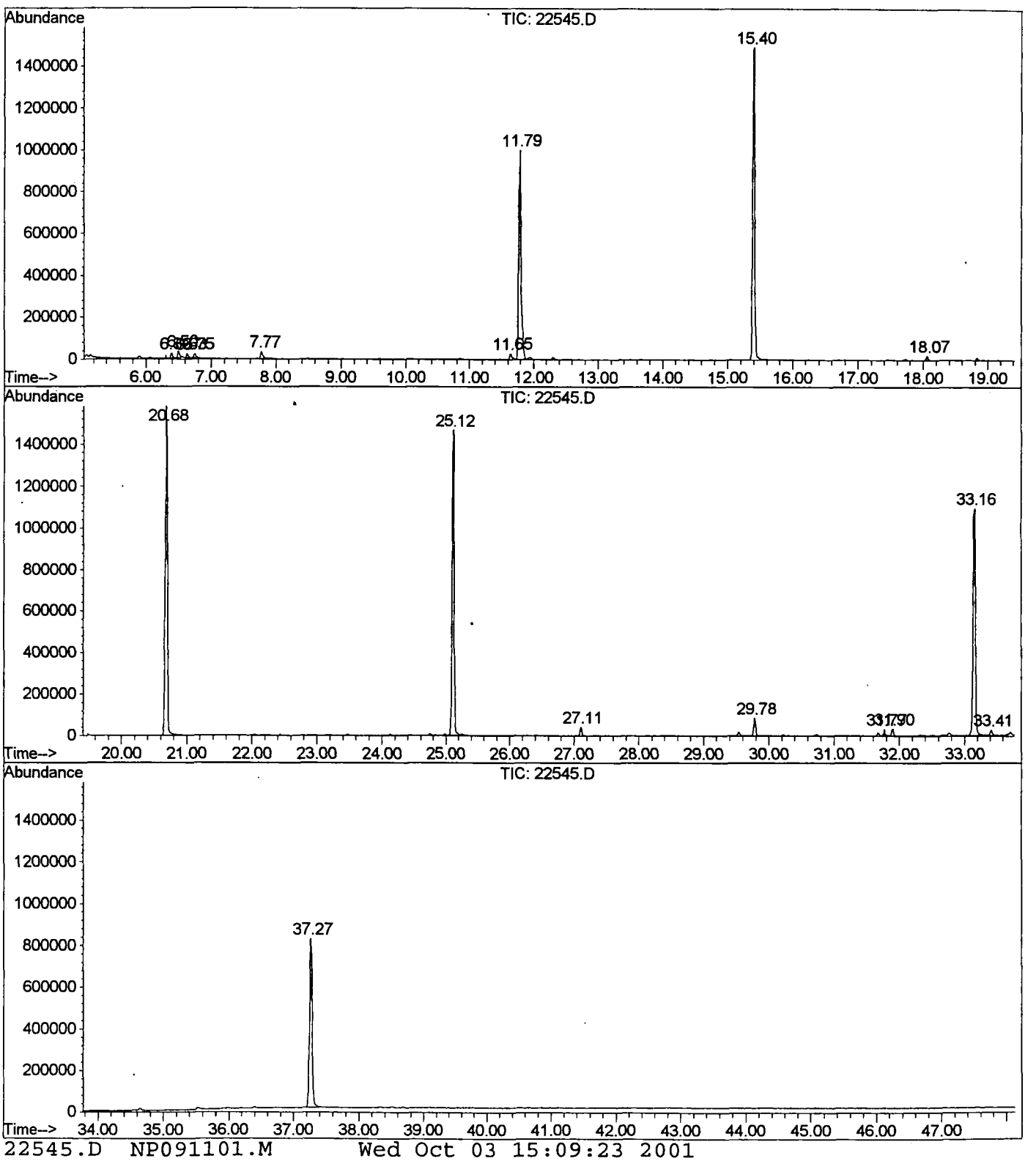
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.388	144	147	155	rBV	22990	51276	1.47%	0.281%
2	6.498	155	159	163	rBV	31578	65967	1.90%	0.361%
3	6.627	169	173	182	rVV	18442	38937	1.12%	0.213%
4	6.746	182	186	194	rVB	19363	39857	1.15%	0.218%
5	7.774	295	298	303	rBV	33985	72654	2.09%	0.398%
6	11.648	716	720	729	rVB	27485	66718	1.92%	0.365%
7	11.786	729	735	747	rVV	998923	2453326	70.56%	13.426%
8	15.403	1122	1129	1145	rBV	1491020	3365183	96.78%	18.416%
9	18.065	1414	1419	1424	rBV	19159	36847	1.06%	0.202%
10	20.682	1697	1704	1721	rBV	1581547	3477080	100.00%	19.028%
11	25.116	2179	2187	2198	rBV2	1468216	3215026	92.46%	17.594%
12	27.108	2399	2404	2408	rBV	41667	77706	2.23%	0.425%
13	29.780	2690	2695	2702	rBV	83343	162868	4.68%	0.891%
14	31.772	2907	2912	2917	rVV2	29843	41118	1.18%	0.225%
15	31.900	2921	2926	2931	rVB	30545	63160	1.82%	0.346%
16	33.158	3052	3063	3074	rBV2	1092405	2651254	76.25%	14.509%
17	33.415	3086	3091	3098	rVB	24424	52185	1.50%	0.286%
18	37.271	3503	3511	3524	rBV2	809717	2342464	67.37%	12.819%

Sum of corrected areas: 18273626

22545.D NP091101.M Wed Oct 03 15:09:21 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\SEP2501\22545.D
Operator : 209 GALOS
Acquired : 26 Sep 2001 12:15 am using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: GC/MS unknown
Misc Info :
Vial Number: 11
Quant File :NP091101.RES (RTE Integrator)



22545.D NP091101.M Wed Oct 03 15:09:23 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2501\22545.D
Acq On : 26 Sep 2001 12:15 am
Sample : GC/MS unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

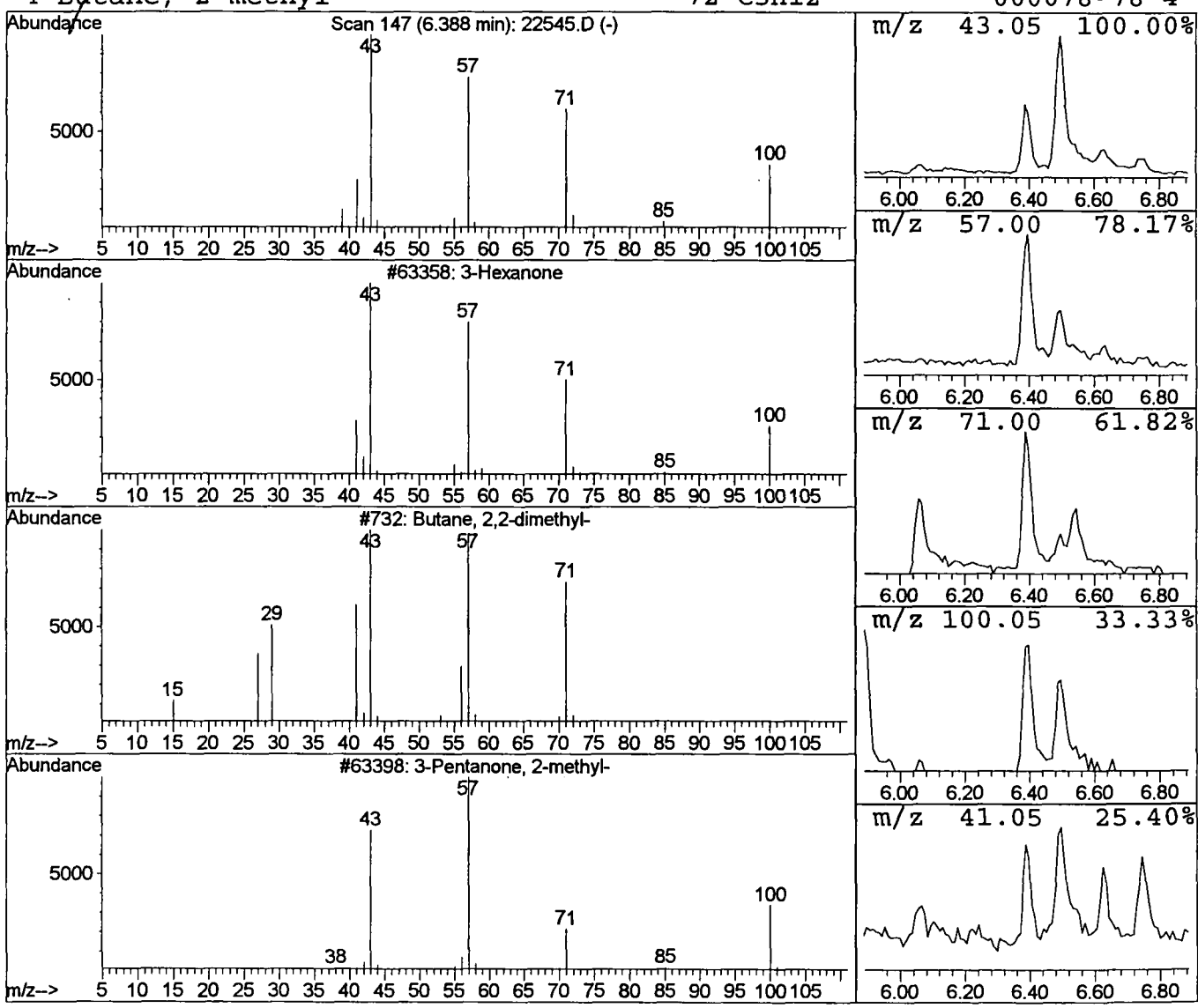
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	0.42 ug/l	51276	1,4-Dichlorobenzene-d4	11.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	90
2	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38
3	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	38
4	Butane, 2-methyl-	72	C5H12	000078-78-4	35



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2501\22545.D
Acq On : 26 Sep 2001 12:15 am
Sample : GC/MS unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

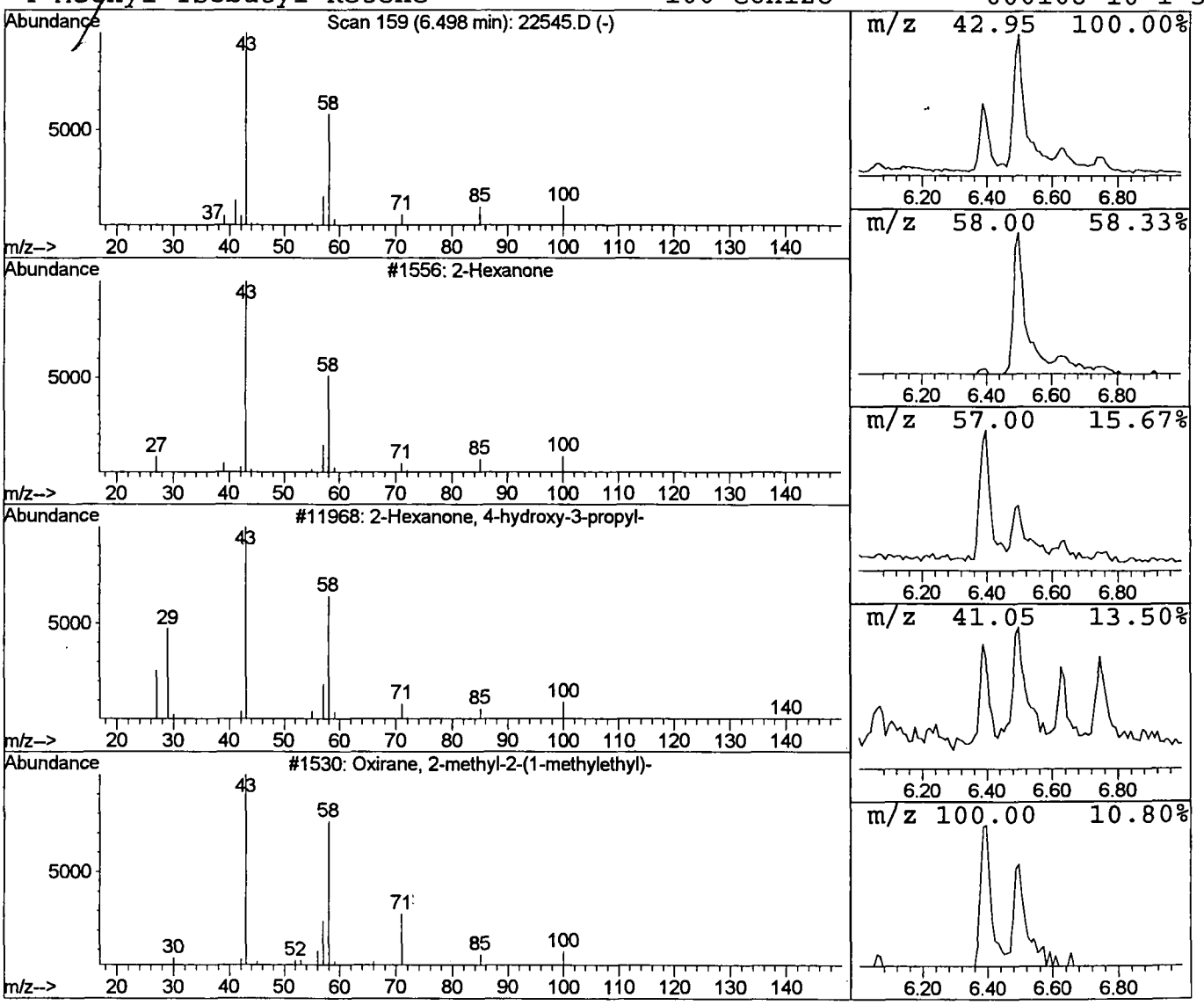
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	0.54 ug/l	65967	1,4-Dichlorobenzene-d4	11.79

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	64
3	Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	64
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	53



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2501\22545.D
Acq On : 26 Sep 2001 12:15 am
Sample : GC/MS unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

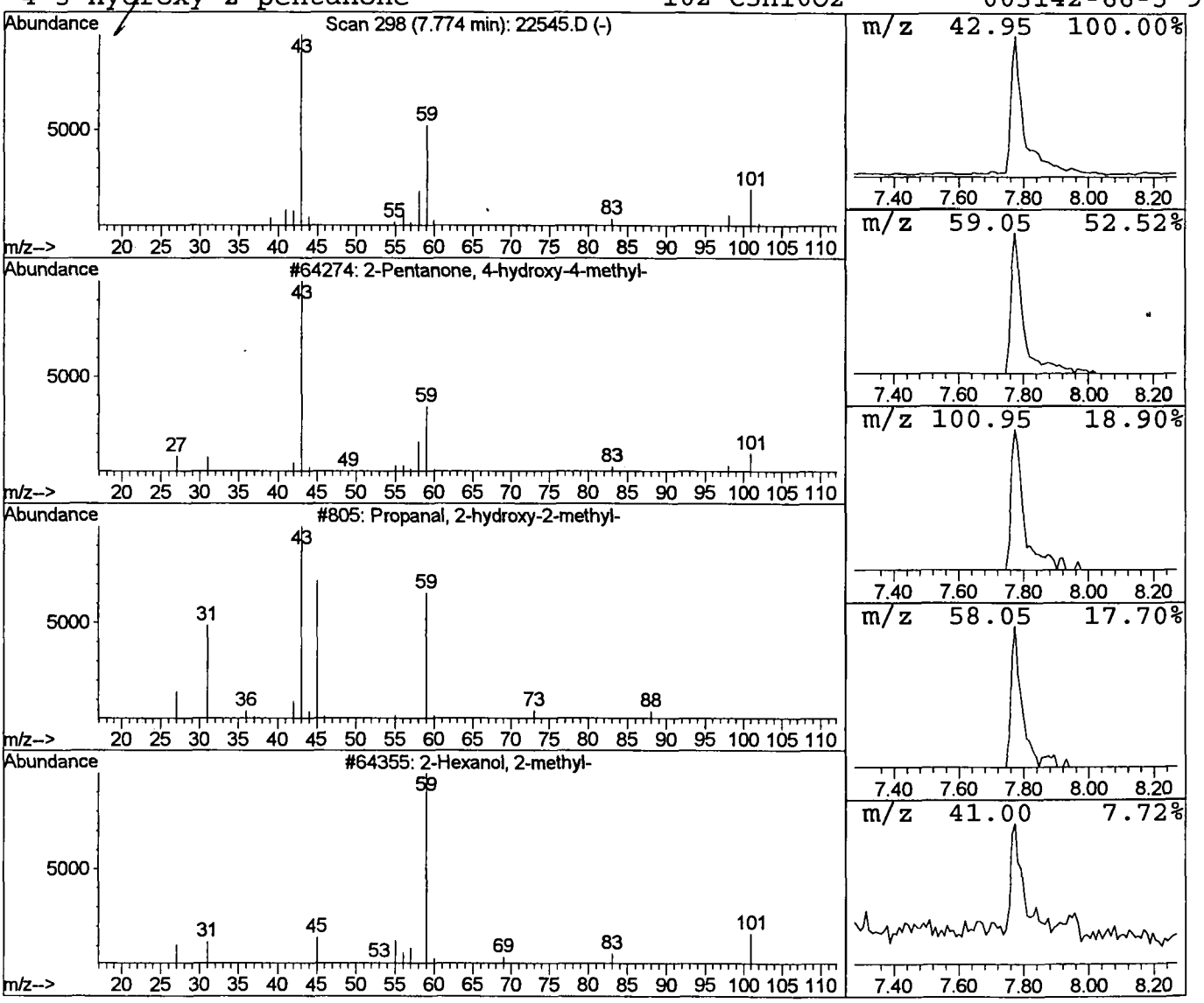
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	0.59 ug/l	72654	1,4-Dichlorobenzene-d4	11.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Propanal, 2-hydroxy-2-methyl-	88	C4H8O2	020818-81-9	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2501\22545.D
Acq On : 26 Sep 2001 12:15 am
Sample : GC/MS unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

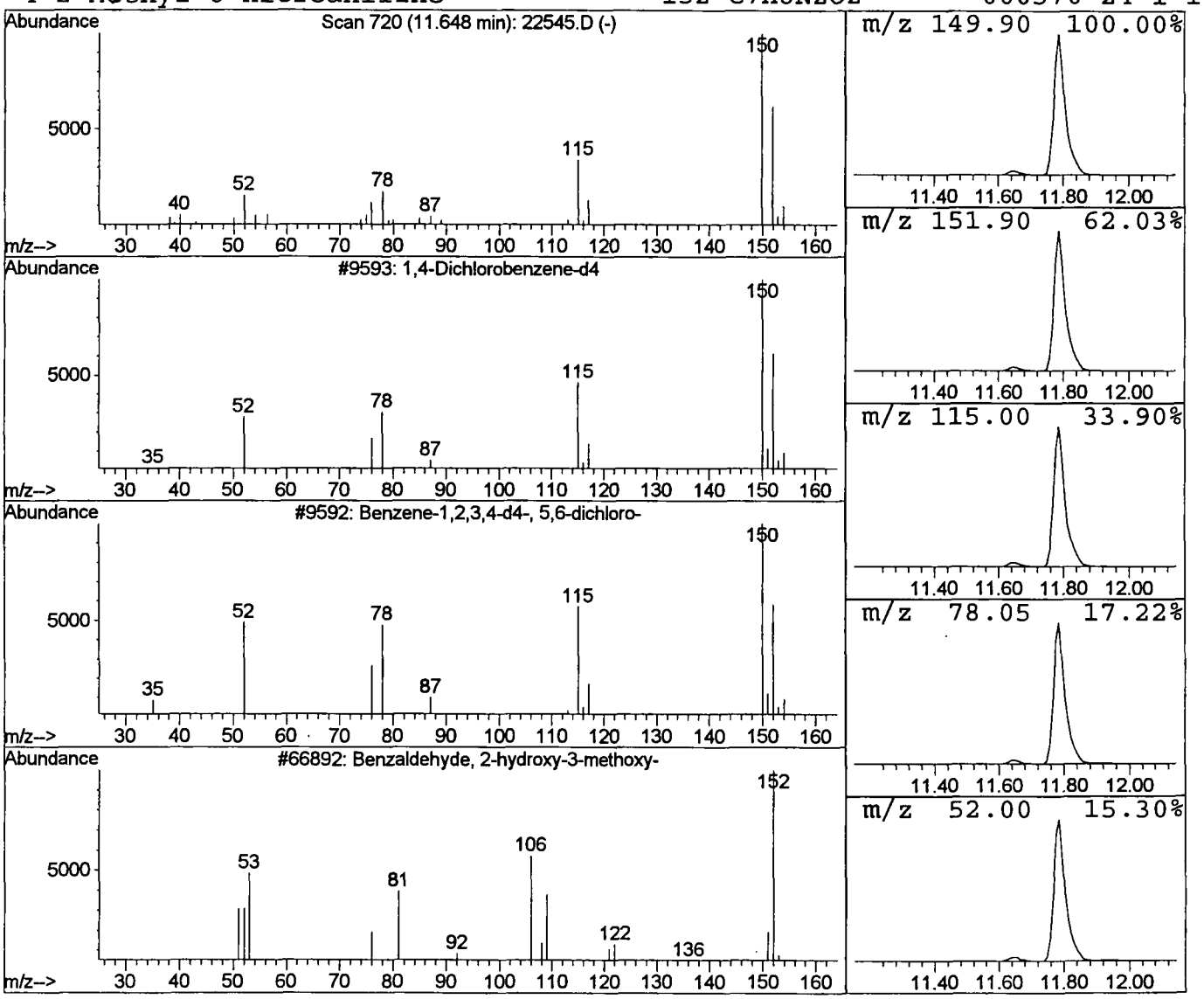
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	0.54 ug/l	66718	1,4-Dichlorobenzene-d4	11.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	53
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	16
3	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10
4	2-Methyl-6-nitroaniline	152	C7H8N2O2	000570-24-1	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2501\22545.D
Acq On : 26 Sep 2001 12:15 am
Sample : GC/MS unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

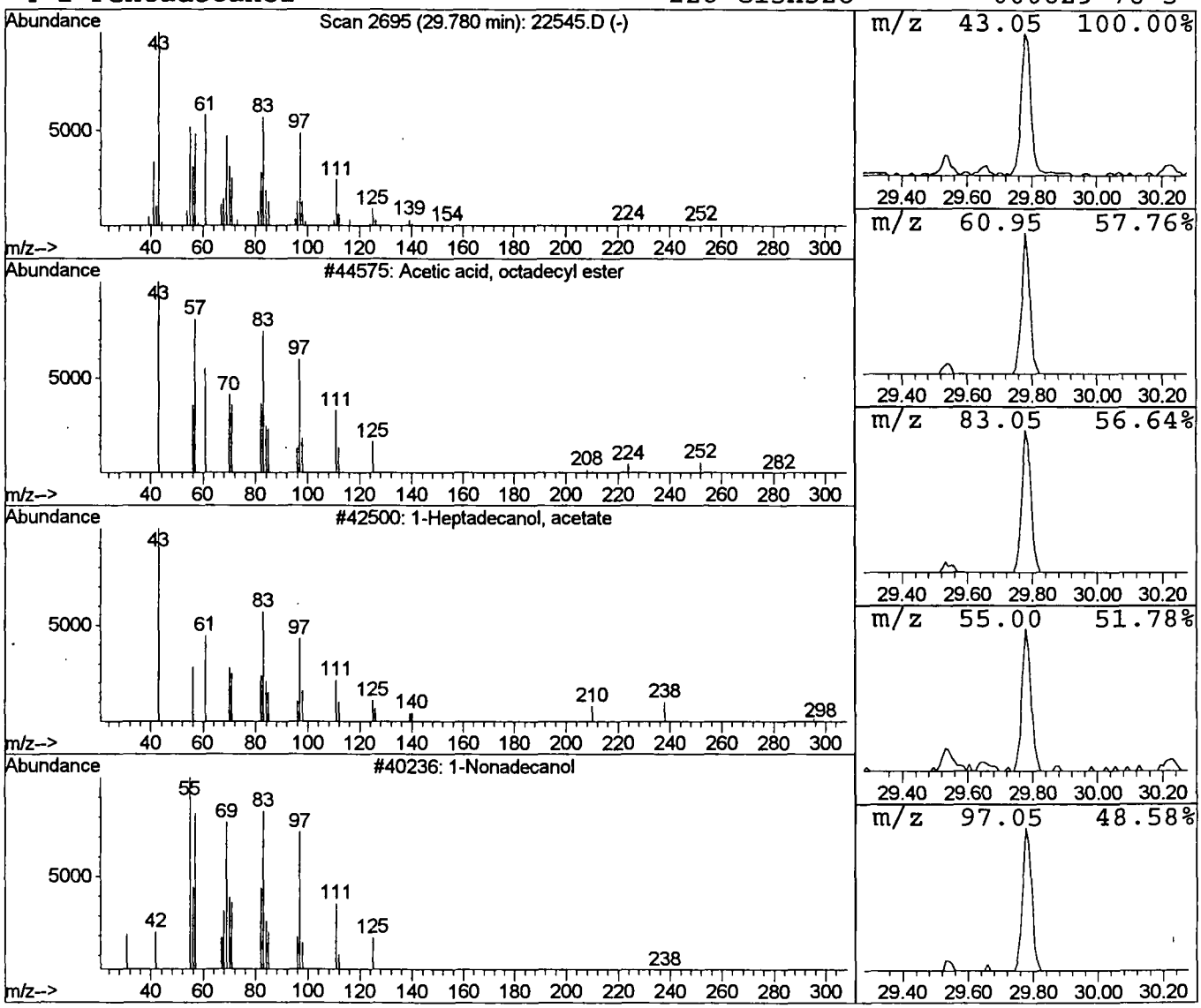
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Acetic acid, octadecyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.78	1.23 ug/l	162868	Chrysene-d12	33.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	87
2	1-Heptadecanol, acetate	298	C19H38O2	000822-20-8	86
3	1-Nonadecanol	284	C19H40O	001454-84-8	76
4	1-Pentadecanol	228	C15H32O	000629-76-5	74



Library Search Compound Report

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Acq On : 26 Sep 2001 12:15 am
Sample : GC/MS unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

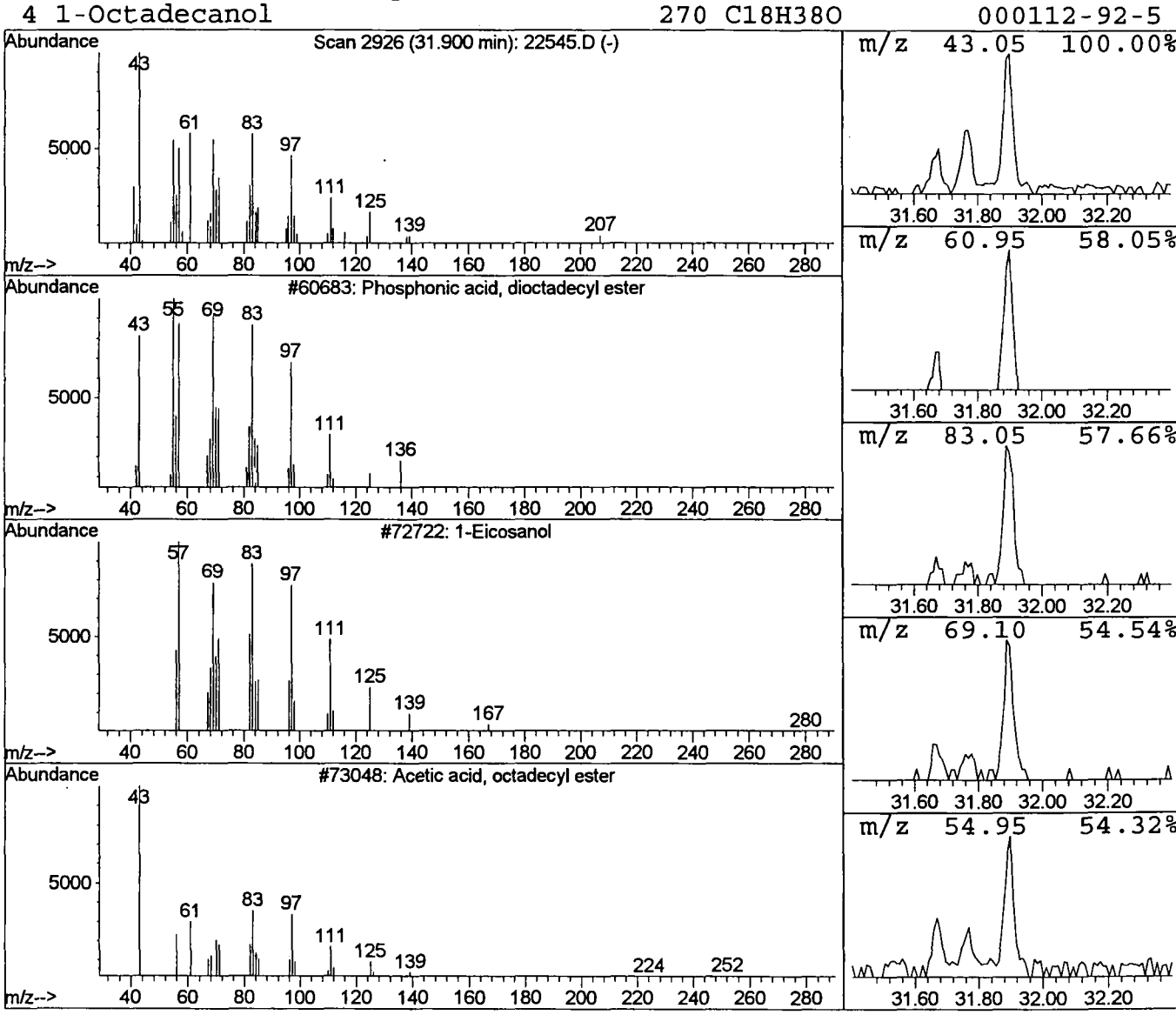
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Phosphonic acid, dioctadecyl e Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.90	0.48 ug/l	63160	Chrysene-d12	33.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphonic acid, dioctadecyl ester	587	C36H75O3P	019047-85-9	92
2	1-Eicosanol	298	C20H42O	000629-96-9	81
3	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	80
4	1-Octadecanol	270	C18H38O	000112-92-5	68



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 26 Sep 2001 12:15 am
Data File: C:\HPCHEM\1\DATA\SEP2501\22545.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
3-Hexanone	6.39	0.4	ug/l	51276	ISTD01	11.79	2453330	20.0
2-Hexanone	6.50	0.5	ug/l	65967	ISTD01	11.79	2453330	20.0
2-Pentanone, 4-hydro	7.77	0.6	ug/l	72654	ISTD01	11.79	2453330	20.0
1,4-Dichlorobenzene-	11.65	0.5	ug/l	66718	ISTD01	11.79	2453330	20.0
Acetic acid, octadec	29.78	1.2	ug/l	162868	ISTD05	33.16	2651250	20.0
Phosphonic acid, dio	31.90	0.5	ug/l	63160	ISTD05	33.16	2651250	20.0

22545.D NP091101.M Wed Oct 03 15:09:38 2001

File : C:\HPCHEM\1\DATA\SEP2501\22545.D
Operator : 209 GALOS
Acquired : 26 Sep 2001 12:15 am using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: GC/MS unknown
Misc Info :
Vial Number: 11