

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 09/27/2001 Time: 09:00:42

Sample: AD22547
 Analysis: \$GCMS GC/MS Scan For Unknowns
 Started: 9/27/01 08:59 Ended: 9/27/01 08:59 Analyst: MG
 Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD22547 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 10-03-2001 Time: 14:31:44

A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer, reveals the presence of the following compound with an estimated level, lower than normally measured by this laboratory.

Di-n-butylphthalate - 0.40 ug/L

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\SEP2501\22547.D

Vial: 13

Acq On : 26 Sep 2001 2:13 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 14:57 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



Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.79	152	454243	20.00	ug/l	-0.12
19) Naphthalene-d8	15.40	136	1767116	20.00	ug/l	-0.13
31) Acenaphthene-d10	20.69	164	820065	20.00	ug/l	-0.13
49) Phenanthrene-d10	25.11	188	1132617	20.00	ug/l	-0.13
59) Chrysene-d12	33.15	240	679562	20.00	ug/l	-0.13
68) Perylene-d12	37.27	264	483608	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

22547.D NP091101.M Wed Sep 26 14:59:26 2001

Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\SEP2501\22547.D
 Acq On : 26 Sep 2001 2:13 am
 Sample : GC/MS unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Sep 26 14:57 2001

Vial: 13
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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
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.	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) Azobenzene/ 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	35923	0.40	ug/l	99
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	0.00	149	0	N.D.		
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

22547.D NP091101.M Wed Sep 26 14:59:31 2001

Page 2

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\SEP2501\22547.D

Vial: 13

Acq On : 26 Sep 2001 2:13 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 14:57 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

22547.D NP091101.M Wed Sep 26 14:59:32 2001

Page 3

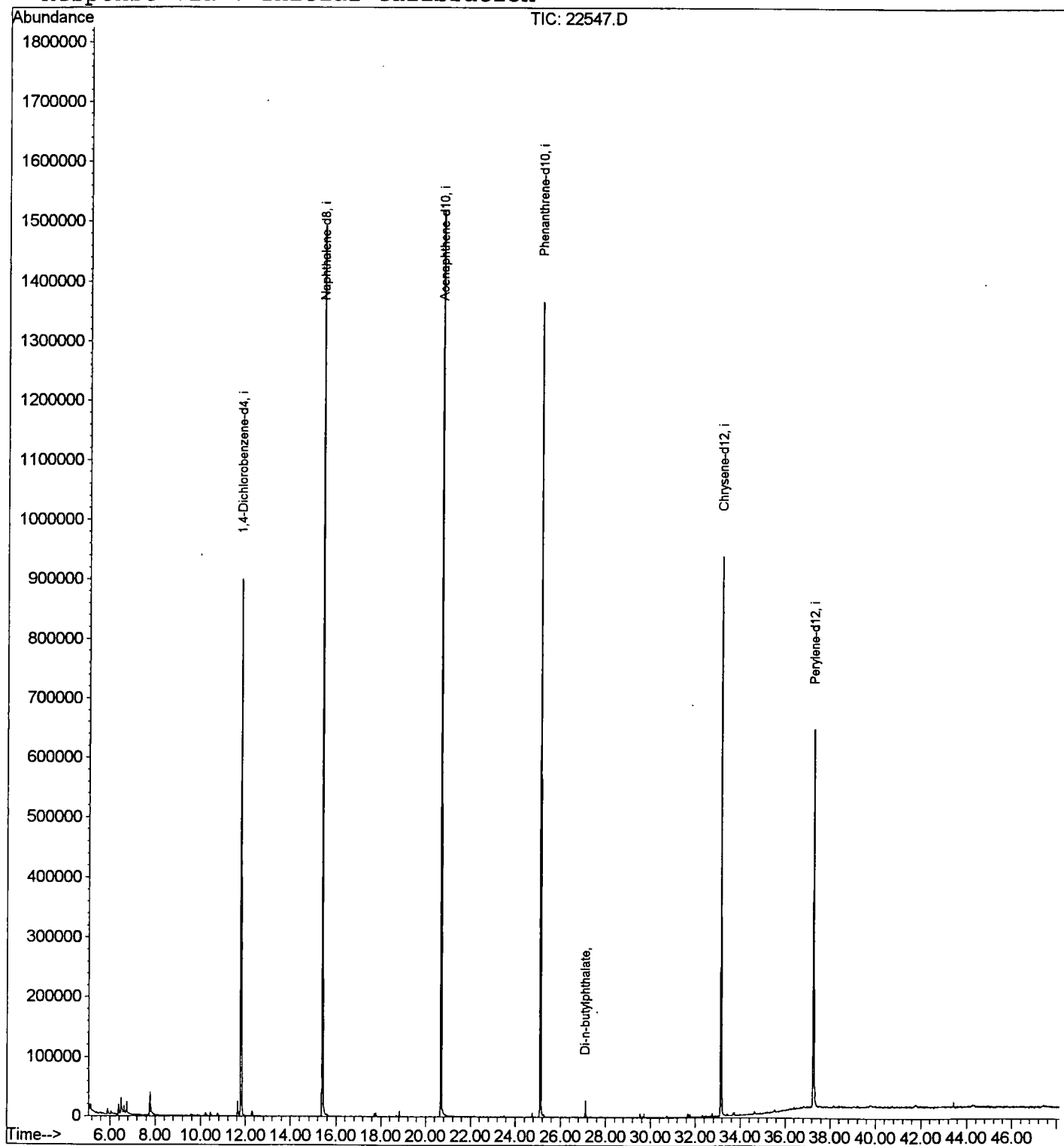
Quantitation Report

Data File : C:\HPCHEM\1\DATA\SEP2501\22547.D
 Acq On : 26 Sep 2001 2:13 am
 Sample : GC/MS unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Sep 26 14:57 2001

Vial: 13
 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\22547.D
 Acq On : 26 Sep 2001 2:13 am
 Sample : GC/MS unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 13
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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

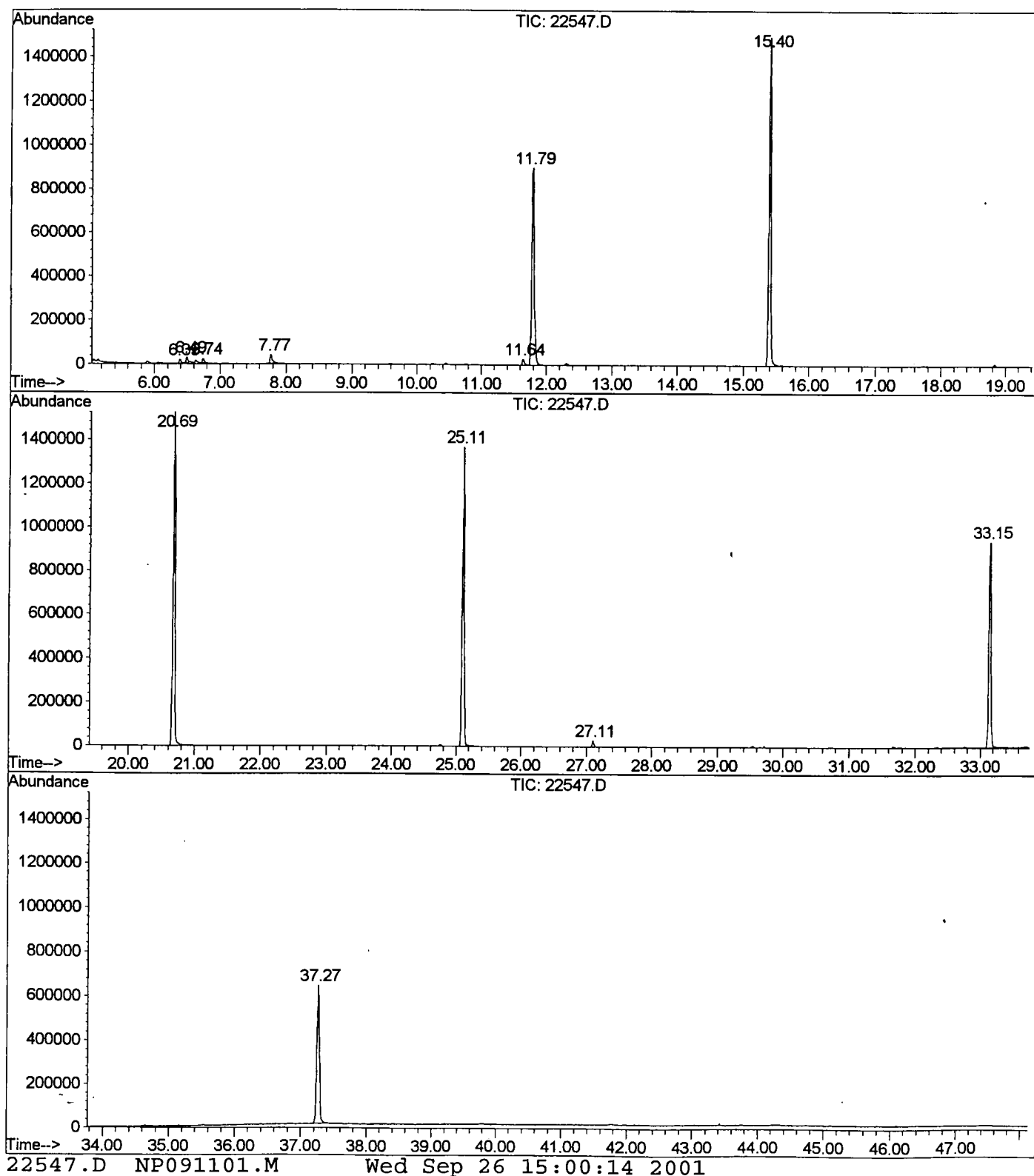
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.392	143	147	154	rBV2	17132	37891	1.16%	0.237%
2	6.493	154	158	161	rBV	27135	53609	1.64%	0.336%
3	6.741	181	185	193	rVB	20099	40305	1.23%	0.252%
4	7.769	293	297	313	rBV	39525	105285	3.22%	0.659%
5	11.643	714	719	729	rVB	25633	61866	1.89%	0.387%
6	11.790	729	735	749	rBV	899369	2353325	71.99%	14.736%
7	15.398	1122	1128	1143	rBV	1492005	3204482	98.02%	20.066%
8	20.686	1697	1704	1724	rBV	1520290	3269183	100.00%	20.471%
9	25.111	2179	2186	2198	rBV2	1366892	2925983	89.50%	18.322%
10	27.112	2399	2404	2410	rVB	28652	56029	1.71%	0.351%
11	33.153	3055	3062	3074	rBV2	937704	2116426	64.74%	13.253%
12	37.266	3503	3510	3524	rVB2	629355	1745390	53.39%	10.929%

Sum of corrected areas: 15969774

22547.D NP091101.M Wed Sep 26 15:00:11 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\SEP2501\22547.D
 Operator : 209 GALOS
 Acquired : 26 Sep 2001 2:13 am using AcqMethod NP091101
 Instrument : GC/MS 209
 Sample Name: GC/MS unknown
 Misc Info :
 Vial Number: 13
 Quant File :NP091101.RES (RTE Integrator)



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 26 Sep 2001 2:13 am
Data File: C:\HPCHEM\1\DATA\SEP2501\22547.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
22547.D	NP091101.M	Wed Sep 26 15:00:15 2001							