User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 09/27/2001 Time: 12:43:57

Sample: AD22551
Analysis: $GCMS GC/MS Scan For Unknowns
Started: 9/27/01 12:42 Ended: 9/27/01 12:42 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD22551 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 09-27-2001 Time: 12:44:03

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\SEP2601\22551.D Vial: 5
Acq On : 26 Sep 2001 2:07 pm Operator: GALOS
Sample : GC/MS unknown Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 27 10:32 2001 Quant Results File: NP072501.RES

Quant Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Last Update : Wed Jul 25 15:24:54 2001
Response via : Initial Calibration
DataAcq Meth : HP060501

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.00	152	356654	20.00	ng/uL	0.00
19) Naphthalene-d8	15.61	136	1376206	20.00	ng/uL	-0.02
31) Acenaphthene-d10	20.88	164	619879	20.00	ng/uL	-0.02
49) Phenanthrene-d10	25.30	188	896819	20.00	ng/uL	0.00
59) Chrysene-d12	33.31	240	521093	20.00	ng/uL	0.00
68) Perylene-d12	37.42	264	341879	20.00	ng/uL	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ng/uL	
Spiked Amount 75.000	Range 18 - 42		Recovery = 0.00%#			
5) Phenol-d5	0.00	99	0	0.00	ng/uL	
Spiked Amount 75.000	Range 19 - 32		Recovery = 0.00%#			
6) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/uL	
Spiked Amount 75.000	Range 34 - 84		Recovery = 0.00%#			
7) 1,2-Dichlorobenzene-d4	0.00	152	0	0.00	ng/uL	
Spiked Amount 50.000	Range 26 - 73		Recovery = 0.00%#			
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount 50.000	Range 55 - 98		Recovery = 0.00%#			
32) 2-Fluorobiphenyl	19.04	172	300	0.01	ng/uL	0.14
Spiked Amount 50.000	Range 42 - 78		Recovery = 0.02%#			
33) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng/uL	
Spiked Amount 75.000	Range 45 - 96		Recovery = 0.00%#			
62) Terphenyl-d14	0.00	244	0	0.00	ng/uL	
Spiked Amount 50.000	Range 58 - 98		Recovery = 0.00%#			
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitrosodimethylamine	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-Nitrosodi-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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Misc : Multiplr: 1.00
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Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Last Update : Wed Jul 25 15:24:54 2001
Response via : Initial Calibration
DataAcq Meth : HP060501

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-Chlorophenylphenylether	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	169	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	0.00	149	0	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	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\SEP2601\22551.D Vial: 5
Acq On : 26 Sep 2001 2:07 pm Operator: GALOS
Sample : GC/MS unknown Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 27 10:32 2001 Quant Results File: NP072501.RES

Quant Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Last Update : Wed Jul 25 15:24:54 2001
Response via : Initial Calibration
DataAcq Meth : HP060501

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.	

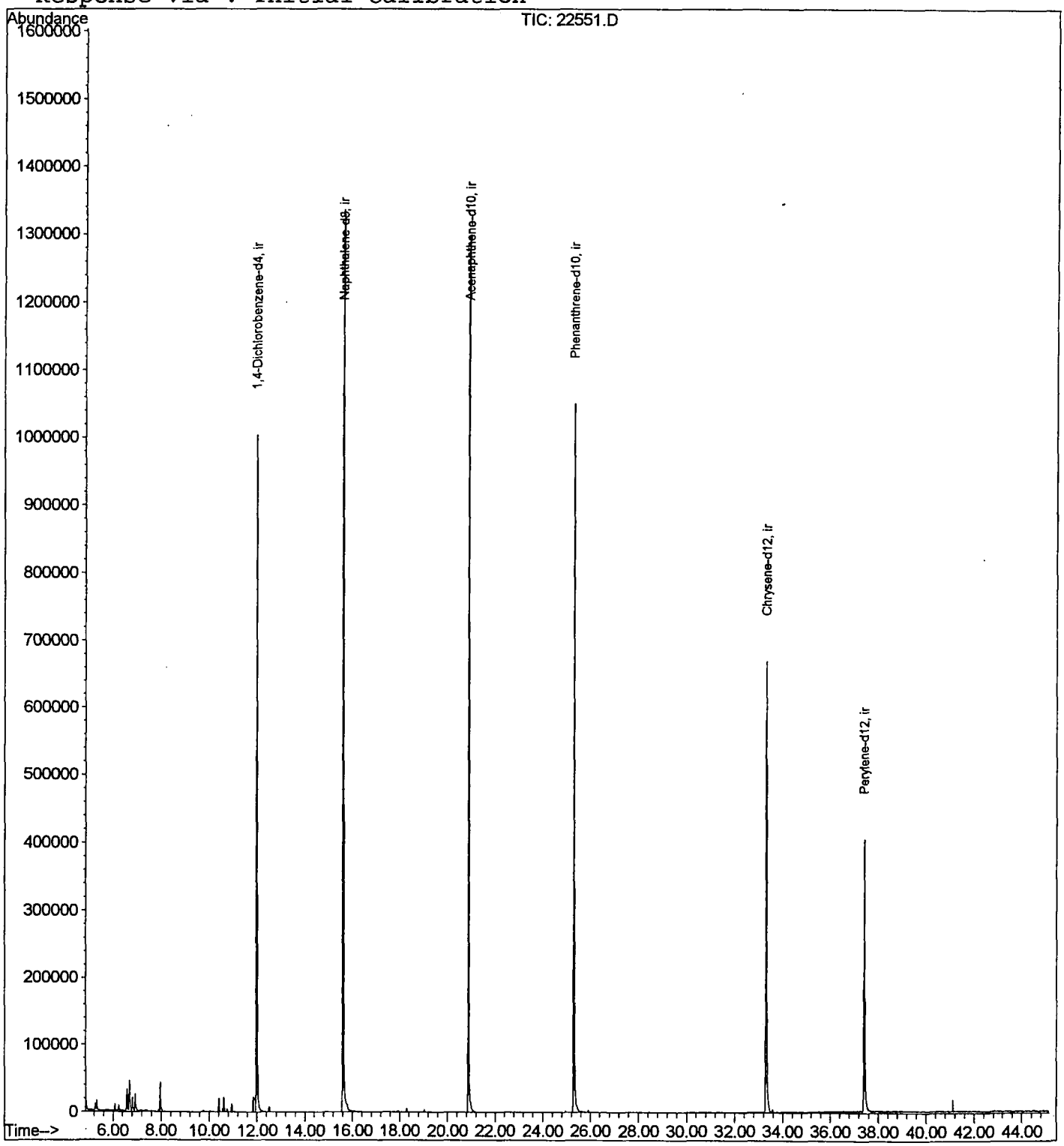
(#) = qualifier out of range (m) = manual integration
22551.D NP072501.M Thu Sep 27 11:12:42 2001 Page 3

Quantitation Report

Data File : C:\HPCHEM\1\DATA\SEP2601\22551.D
Acq On : 26 Sep 2001 2:07 pm
Sample : GC/MS unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 27 10:32 2001

Vial: 5
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: NP072501.RES

Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Last Update : Wed Jul 25 15:24:54 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\SEP2601\22551.D Vial: 5
Acq On : 26 Sep 2001 2:07 pm Operator: GALOS
Sample : GC/MS unknown Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
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

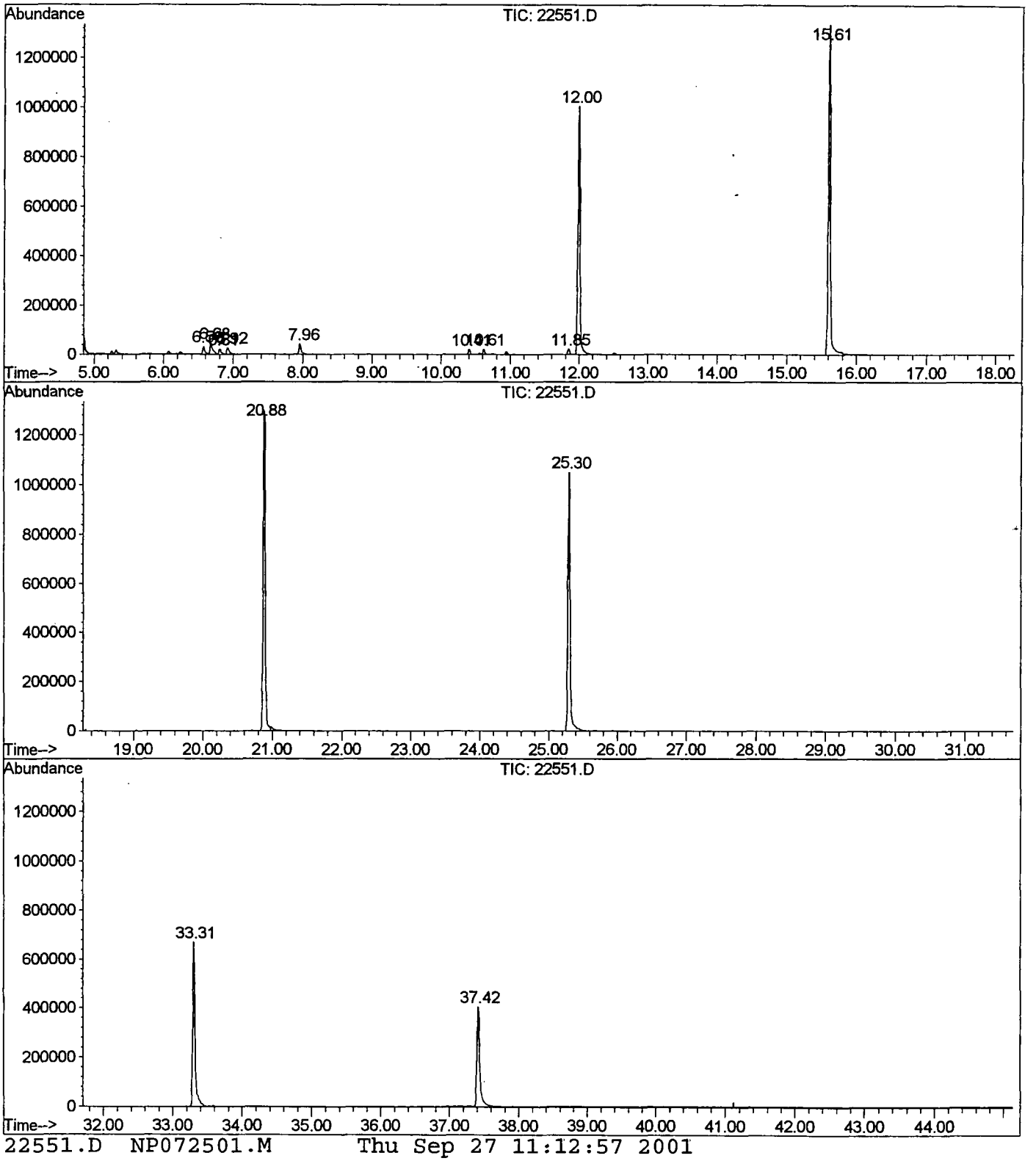
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.576	186	190	197	rBV	32979	71419	2.51%	0.523%
2	6.677	197	201	212	rVV	46278	117534	4.14%	0.861%
3	6.805	212	215	224	rVV	20805	45773	1.61%	0.335%
4	6.925	224	228	242	rVB	26358	67468	2.38%	0.494%
5	7.961	337	341	354	rBB	43624	102316	3.60%	0.750%
6	10.409	604	608	611	rBV	19951	35533	1.25%	0.260%
7	10.611	627	630	636	rBB	21779	40155	1.41%	0.294%
8	11.849	762	765	770	rBB	22717	41273	1.45%	0.302%
9	11.996	775	781	803	rBV	1003437	2214540	77.97%	16.227%
10	15.609	1169	1175	1202	rBV	1335397	2840378	100.00%	20.813%
11	20.882	1745	1750	1760	rBV	1295881	2794126	98.37%	20.474%
12	25.302	2226	2232	2257	rBV2	1049809	2458324	86.55%	18.014%
13	33.307	3099	3105	3123	rBV2	668565	1624091	57.18%	11.901%
14	37.415	3545	3553	3574	rBV2	402855	1194126	42.04%	8.750%

Sum of corrected areas: 13647056

22551.D NP072501.M Thu Sep 27 11:12:57 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\SEP2601\22551.D
Operator : GALOS
Acquired : 26 Sep 2001 2:07 pm using AcqMethod HP060501
Instrument : GC/MS Ins
Sample Name: GC/MS unknown
Misc Info :
Vial Number: 5
Quant File :NP072501.RES (RTE Integrator)



22551.D NP072501.M Thu Sep 27 11:12:57 2001

Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 26 Sep 2001 2:07 pm
Data File: C:\HPCHEM\1\DATA\SEP2601\22551.D
Name: GC/MS unknown
Misc:
Method: C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title: 208 625/TCLP calibration table 7/25/01 C1 IS 5
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

22551.D NP072501.M Thu Sep 27 11:12:58 2001