

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 09/24/2001 Time: 14:23:31

Sample: AD22472
Analysis: \$GCMS GC/MS Scan For Unknowns
Started: 9/24/01 14:22 Ended: 9/24/01 14:22 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD22472 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 09-24-2001 Time: 14:25:34

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\SEP2101\22472.D

Acq On : 21 Sep 2001 3:18 pm

Sample : GC/MS unknown

Misc :

MS Integration Params: RTEINT.P

Quant Time: Sep 22 11:14 2001

Vial: 4

Operator: GALOS

Inst : GC/MS Ins

Multiplr: 1.00

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	11.99	152	358314	20.00	ng/uL	-0.02
19) Naphthalene-d8	15.60	136	1379945	20.00	ng/uL	-0.03
31) Acenaphthene-d10	20.88	164	636082	20.00	ng/uL	-0.02
49) Phenanthrene-d10	25.29	188	913298	20.00	ng/uL	-0.02
59) Chrysene-d12	33.30	240	599480	20.00	ng/uL	-0.02
68) Perylene-d12	37.41	264	413579	20.00	ng/uL	-0.02

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	289	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

22472.D NP072501.M Sat Sep 22 11:14:46 2001

Page 1

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\SEP2101\22472.D
 Acq On : 21 Sep 2001 3:18 pm
 Sample : GC/MS unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Sep 22 11:14 2001

Vial: 4
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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
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) 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	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	27.28	149	671	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	33.31	228	299	N.D.		
66) Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.		
67) Chrysene	33.31	228	299	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

22472.D NP072501.M Sat Sep 22 11:14:47 2001

Page 2

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\SEP2101\22472.D
 Acq On : 21 Sep 2001 3:18 pm
 Sample : GC/MS unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Sep 22 11:14 2001

Vial: 4
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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	37.42	252	567		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
 22472.D NP072501.M Sat Sep 22 11:14:47 2001

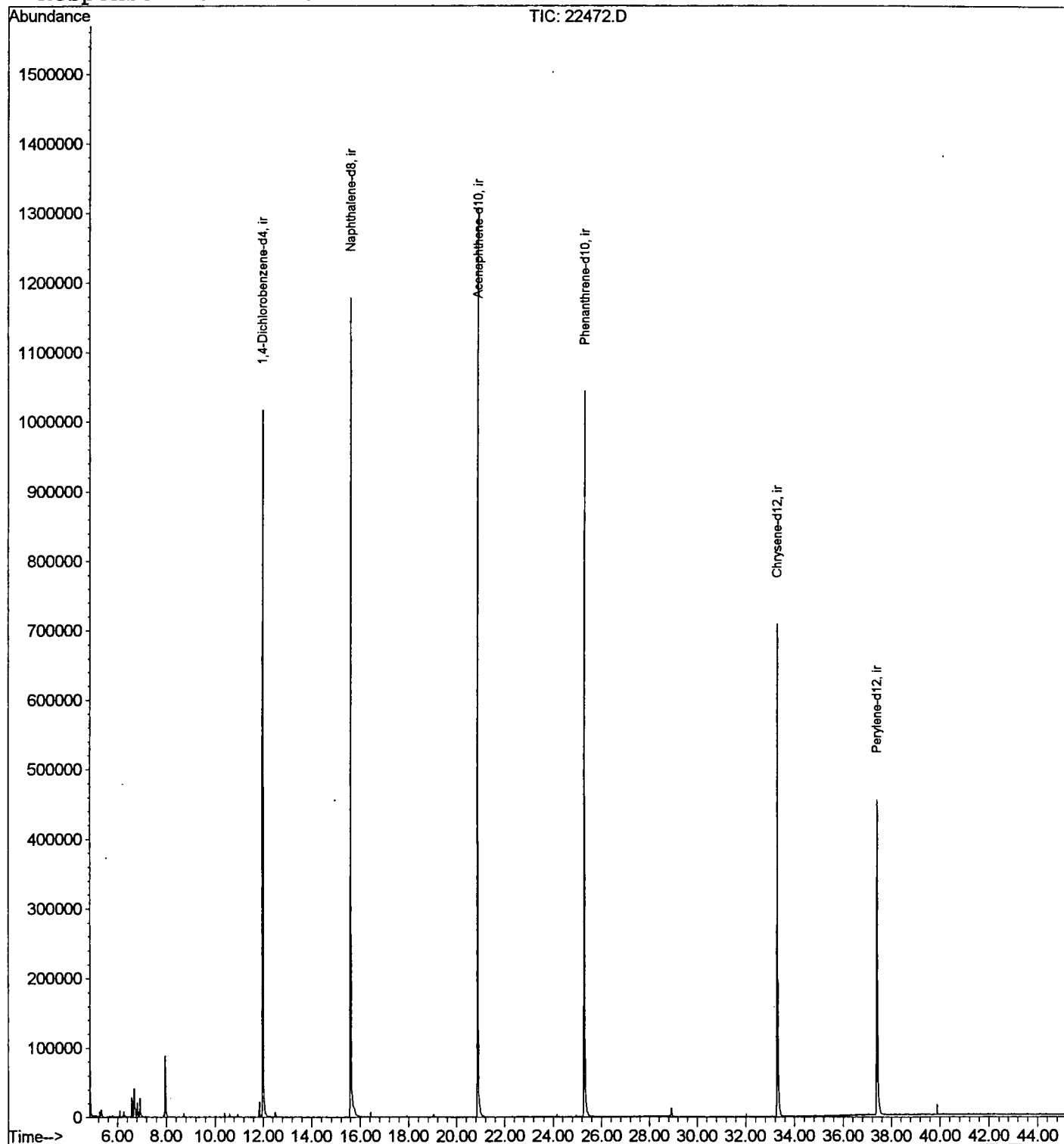
Quantitation Report

Data File : C:\HPCHEM\1\DATA\SEP2101\22472.D
Acq On : 21 Sep 2001 3:18 pm
Sample : GC/MS unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 22 11:14 2001

Vial: 4
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\SEP2101\22472.D
 Acq On : 21 Sep 2001 3:18 pm
 Sample : GC/MS unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 4
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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

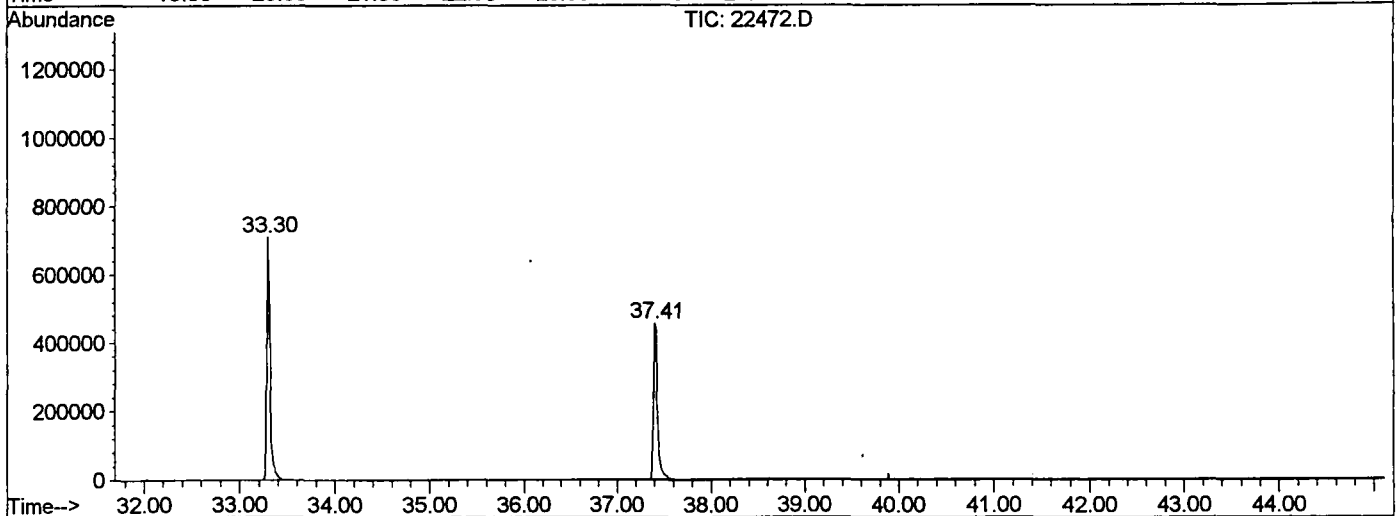
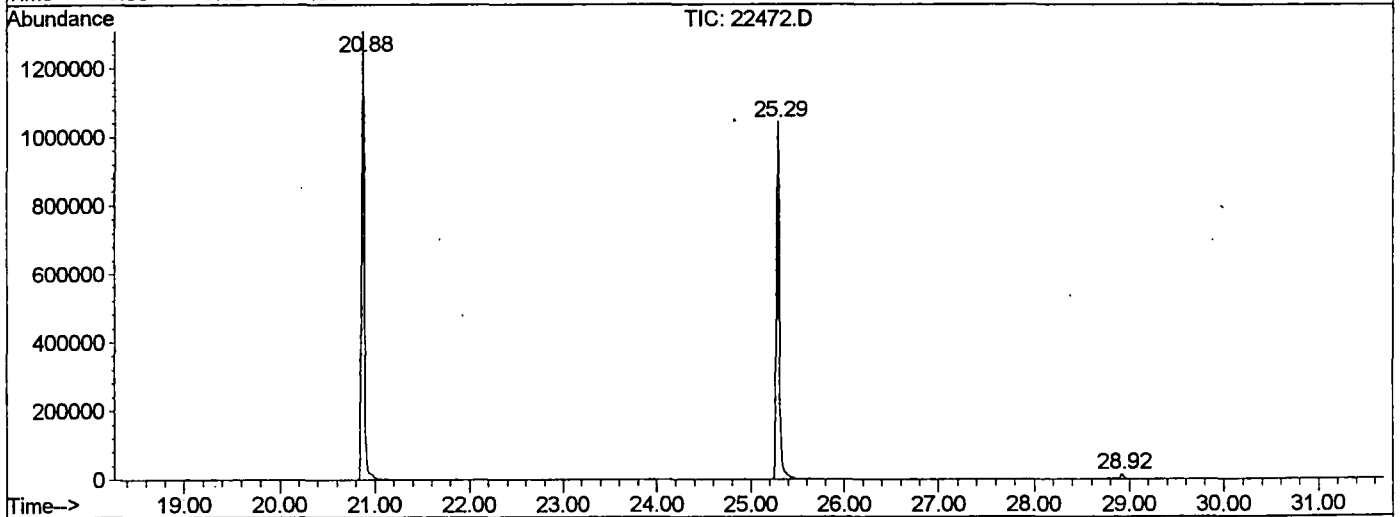
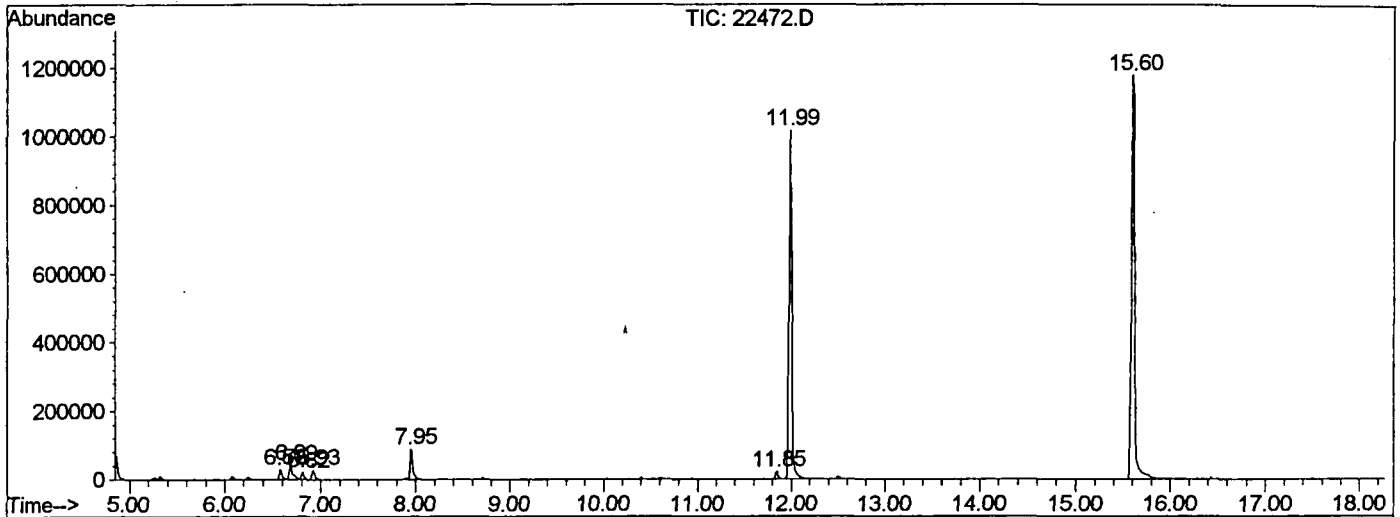
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.577	185	190	198	rBV	29378	61957	2.26%	0.455%
2	6.687	198	202	212	rVV2	42048	101839	3.72%	0.748%
3	6.815	212	216	222	rVV	21164	42797	1.56%	0.314%
4	6.925	223	228	237	rVB	27601	59270	2.17%	0.435%
5	7.953	337	340	353	rVB	88583	186793	6.83%	1.372%
6	11.850	761	765	769	rBB	22234	41907	1.53%	0.308%
7	11.987	775	780	804	rBV	1016211	2119706	77.48%	15.572%
8	15.600	1168	1174	1204	rBV	1177880	2720140	99.43%	19.983%
9	20.882	1744	1750	1769	rBV	1307146	2735858	100.00%	20.099%
10	25.293	2225	2231	2253	rBV2	1043662	2414888	88.27%	17.741%
11	28.925	2622	2627	2634	rVB2	12281	29240	1.07%	0.215%
12	33.299	3098	3104	3121	rBV2	708676	1747260	63.87%	12.836%
13	37.407	3546	3552	3573	rBV2	452971	1350331	49.36%	9.920%

Sum of corrected areas: 13611986

22472.D NP072501.M Sat Sep 22 11:16:37 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\SEP2101\22472.D
 Operator : GALOS
 Acquired : 21 Sep 2001 3:18 pm using AcqMethod HP060501
 Instrument : GC/MS Ins
 Sample Name: GC/MS unknown
 Misc Info :
 Vial Number: 4
 Quant File :NP072501.RES (RTE Integrator)



22472.D NP072501.M Sat Sep 22 11:16:38 2001

Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 21 Sep 2001 3:18 pm
Data File: C:\HPCHEM\1\DATA\SEP2101\22472.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

22472.D NP072501.M			Sat Sep 22 11:16:39 2001					