

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 09/27/2001 Time: 09:05:14

Sample: AD22495
Analysis: \$GCMS GC/MS Scan For Unknowns
Started: 9/27/01 09:04 Ended: 9/27/01 09:04 Analyst: MG
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	Component Name	Viol.	Result
1	Other unknown compounds		see comment

Need Validation

Comments for Sample AD22495 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 10-03-2001 Time: 13:55:33

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\22495.D
 Acq On : 25 Sep 2001 7:20 pm
 Sample : GC/MS unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Sep 26 12:10 2001

Vial: 6
 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.78	152	462070	20.00	ug/l	-0.12
19) Naphthalene-d8	15.40	136	1779565	20.00	ug/l	-0.12
31) Acenaphthene-d10	20.69	164	829119	20.00	ug/l	-0.12
49) Phenanthrene-d10	25.11	188	1152118	20.00	ug/l	-0.12
59) Chrysene-d12	33.16	240	761080	20.00	ug/l	-0.12
68) Perylene-d12	37.27	264	560830	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

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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	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	29.28	184	6132	0.32 ug/l	97
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.	

*Not detected
 Sincerely
 below ~ 44 ppb*

Quantitation Report

(QT Reviewed)

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Vial: 6

Acq On : 25 Sep 2001 7:20 pm

Operator: 209 GALOS

Sample : GC/MS unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 12:10 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

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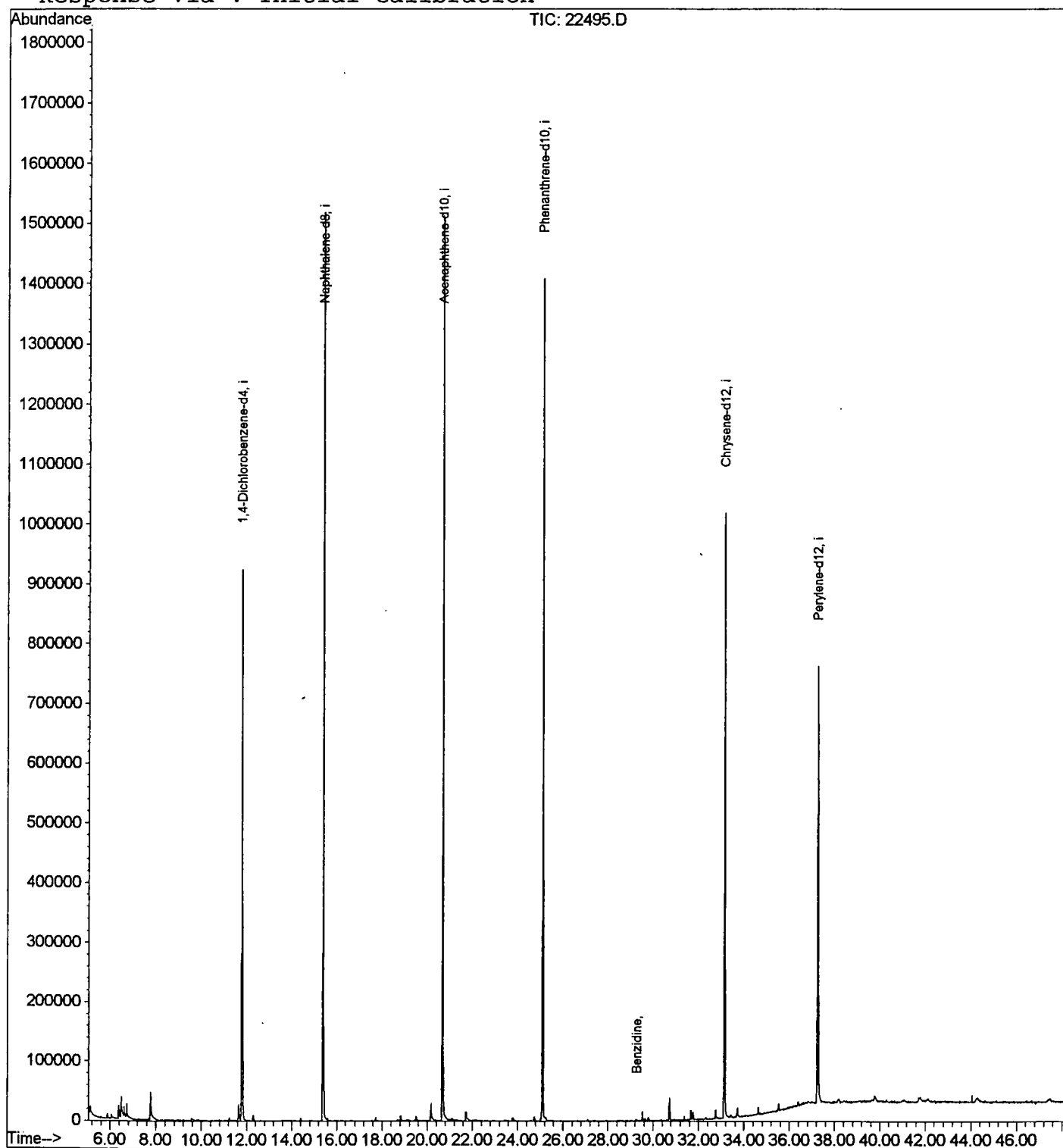
Quantitation Report

Data File : C:\HPCHEM\1\DATA\SEP2501\22495.D
Acq On : 25 Sep 2001 7:20 pm
Sample : GC/MS unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 26 12:10 2001

Vial: 6
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

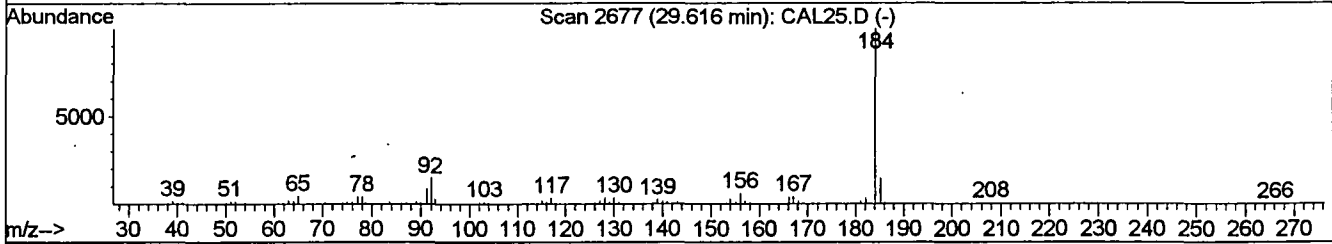
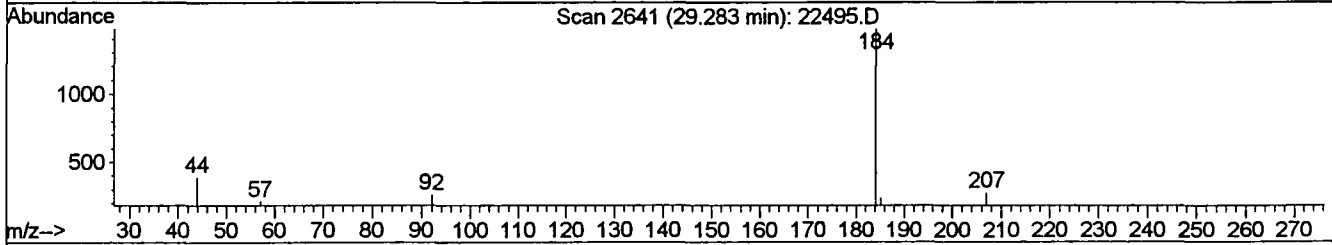
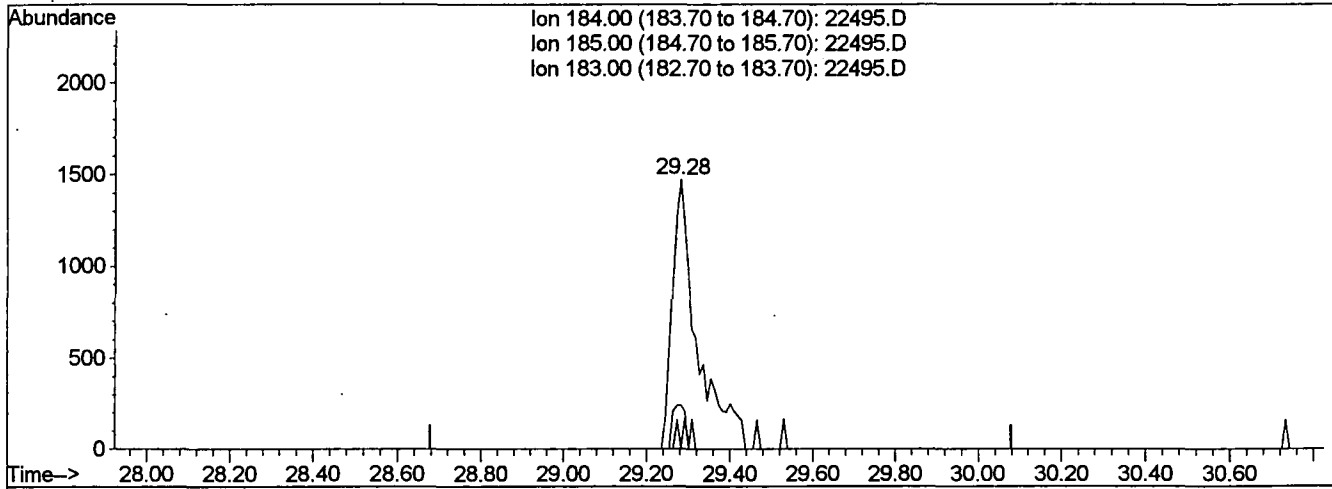


Quantitation Report

Data File : C:\HPCHEM\1\DATA\SEP2501\22495.D
 Acq On : 25 Sep 2001 7:20 pm
 Sample : GC/MS unknown
 Misc :
 Quant Time: Sep 26 12:10 2001

Vial: 6
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
 Title : 209 625/TCLP calibration table 7/16/01
 Last Update : Fri Aug 24 08:42:39 2001
 Response via : Multiple Level Calibration



TIC: 22495.D

(61) Benzidine

29.28min 0.32ug/l

response 6132

Ion	Exp%	Act%
184.00	100	100
185.00	14.80	16.23
183.00	0.00	0.00
0.00	0.00	0.00

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\SEP2501\22495.D
 Acq On : 25 Sep 2001 7:20 pm
 Sample : GC/MS unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 6
 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

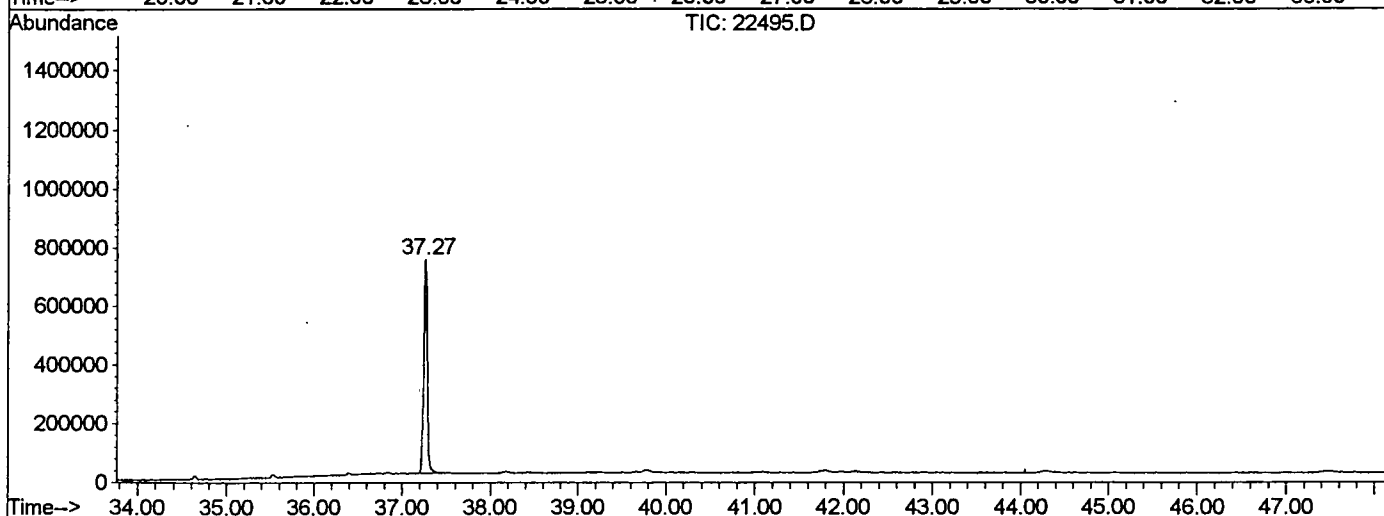
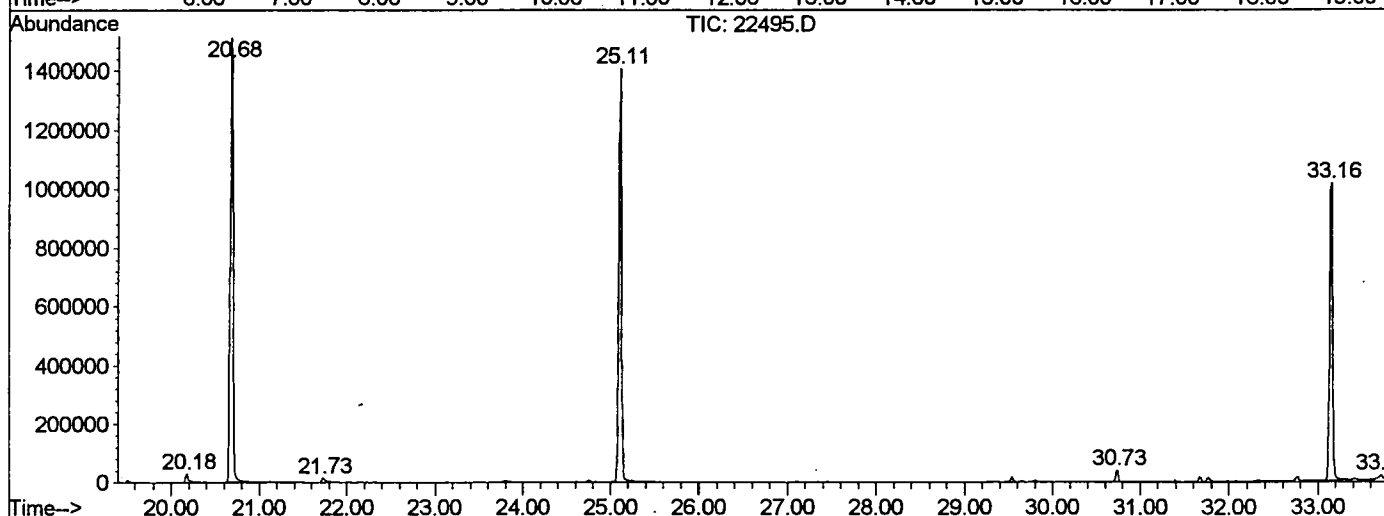
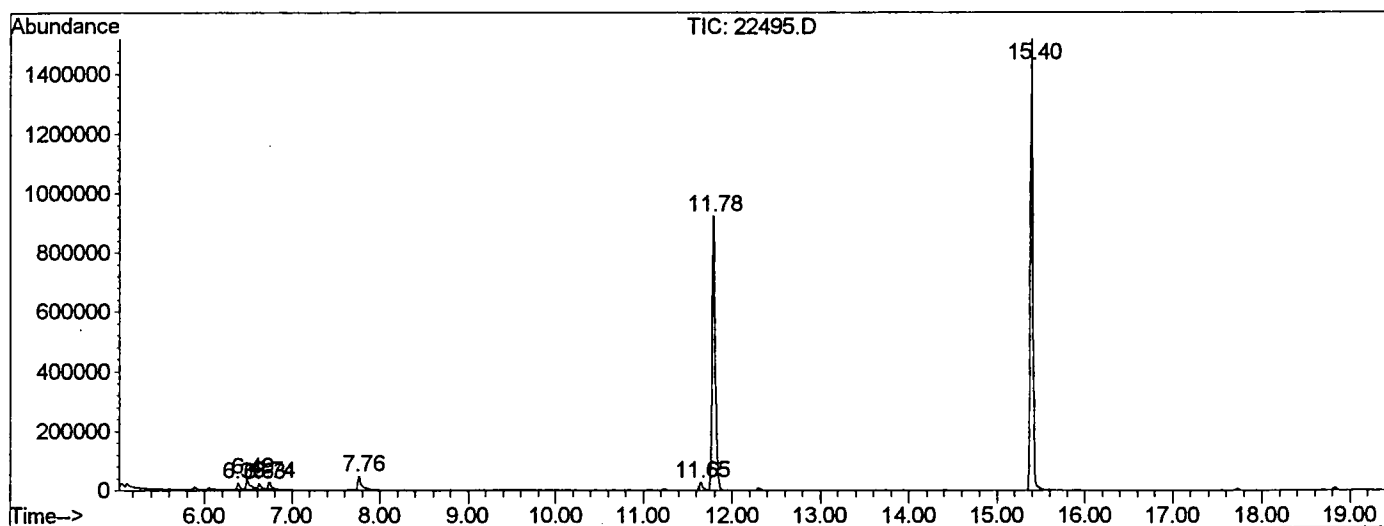
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.387	143	147	155	rBV	22206	52741	1.60%	0.310%
2	6.488	155	158	168	rVV	36154	103157	3.12%	0.607%
3	6.626	169	173	181	rVV2	18104	46752	1.42%	0.275%
4	6.736	181	185	193	rVB	22078	50482	1.53%	0.297%
5	7.764	294	297	309	rBV	46005	129378	3.92%	0.762%
6	11.647	715	720	730	rBV	26520	62358	1.89%	0.367%
7	11.785	730	735	749	rBV	922523	2377902	71.99%	13.998%
8	15.402	1122	1129	1143	rBV	1517565	3227575	97.71%	19.000%
9	20.176	1645	1649	1657	rBV2	29237	67719	2.05%	0.399%
10	20.681	1698	1704	1719	rBV	1510584	3303294	100.00%	19.446%
11	21.727	1815	1818	1825	rBV3	14142	37668	1.14%	0.222%
12	25.115	2180	2187	2199	rBV	1407454	2961757	89.66%	17.435%
13	30.733	2794	2799	2806	rBV2	37836	83006	2.51%	0.489%
14	33.157	3055	3063	3076	rBV2	1013128	2377859	71.98%	13.998%
15	33.717	3116	3124	3130	rBV4	15895	48321	1.46%	0.284%
16	37.269	3503	3511	3527	rVB2	730157	2057323	62.28%	12.111%

Sum of corrected areas: 16987292

22495.D NP091101.M Wed Sep 26 12:14:31 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\SEP2501\22495.D
 Operator : 209 GALOS
 Acquired : 25 Sep 2001 7:20 pm using AcqMethod NP091101
 Instrument : GC/MS 209
 Sample Name: GC/MS unknown
 Misc Info :
 Vial Number: 6
 Quant File :NP091101.RES (RTE Integrator)



22495.D NP091101.M Wed Sep 26 12:14:33 2001

Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 25 Sep 2001 7:20 pm
Data File: C:\HPCHEM\1\DATA\SEP2501\22495.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

22495.D NP091101.M			Wed Sep 26 12:14:35 2001					