User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/15/2001 Time: 09:17:04

Sample: AD22976
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 10/15/01 09:00 Ended: 10/15/01 09:00 Analyst: MG
Result source: manual entry
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD22976 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 10-15-2001 Time: 09:14:25

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\OCT1101\22976.D Vial: 7
Acq On : 11 Oct 2001 3:37 pm Operator: 209 GALOS
Sample : reinject Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 11 16:25 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	11.76	152	507731	20.00 ug/l	-0.15
19) Naphthalene-d8	15.38	136	1998714	20.00 ug/l	-0.15
31) Acenaphthene-d10	20.66	164	973194	20.00 ug/l	-0.16
49) Phenanthrene-d10	25.08	188	1383810	20.00 ug/l	-0.16
59) Chrysene-d12	33.12	240	1020220	20.00 ug/l	-0.16
68) Perylene-d12	37.24	264	761069	20.00 ug/l	-0.18
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	11.76	132	304	0.01 ug/l	0.35
Spiked Amount 75.000			Recovery =	0.01%	
7) 1,2-Dichlorobenzene-d4	12.27	152	5378	0.22 ug/l	-0.16
Spiked Amount 50.000			Recovery =	0.44%	
20) Nitrobenzene-d5	0.00	82	0	0.00 ug/l	
Spiked Amount 50.000			Recovery =	0.00%	
32) 2-Fluorobiphenyl	18.80	172	2465	0.04 ug/l	0.00
Spiked Amount 50.000			Recovery =	0.08%	
33) 2,4,6-Tribromophenol	0.00	330	0	0.00 ug/l	
Spiked Amount 75.000			Recovery =	0.00%	
62) Terphenyl-d14	29.98	244	2157	0.04 ug/l	-0.17
Spiked Amount 50.000			Recovery =	0.08%	
Target Compounds					Qvalue
2) Pyridine	5.14	79	310	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	14.10	82	399	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1101\22976.D Vial: 7
Acq On : 11 Oct 2001 3:37 pm Operator: 209 GALOS
Sample : reinject Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 11 16:25 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
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	17.24	107	580	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	18.92	162	102	N.D.	
38)	Dimethylphthalate	20.02	163	814	N.D.	
39)	2,6-Dinitrotoluene	20.24	165	985	N.D.	
40)	Acenaphthylene	20.19	152	1598	N.D.	
41)	Acenaphthene	20.75	153	1367	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	21.42	165	1394	N.D.	
45)	Diethylphthalate	22.16	149	4073	N.D.	
46)	4-Chlorophenyl-phenylether	22.31	204	766	N.D.	
47)	Fluorene	22.26	166	2878	N.D.	
48)	Azobenzen/ 1,2-Diphenylhyd	22.76	77	2403	N.D.	
50)	4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
51)	N-Nitrosodiphenylamine	22.69	168	1551	N.D.	
52)	4-Bromophenyl-phenylether	23.76	248	359	N.D.	
53)	Hexachlorobenzene	24.17	284	968	N.D.	
54)	Pentachlorophenol	0.00	266	0	N.D.	
55)	Phenanthrene	25.15	178	5176	N.D.	
56)	Anthracene	25.27	178	10521	N.D.	
57)	Di-n-butylphthalate	27.08	149	58673	0.53 ug/l	99
58)	Fluoranthene	28.76	202	6107	N.D.	
60)	3,3'-Dichlorobenzidine	33.10	252	1145	N.D.	
61)	Benzidine	0.00	184	0	N.D.	
63)	Pyrene	29.43	202	6472	N.D.	
64)	Butylbenzylphthalate	31.59	149	4081	N.D.	
65)	Benzo(a)anthracene	33.07	228	9434	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.38	149	11229	N.D.	
67)	Chrysene	33.07	228	9434	N.D.	
69)	Di-n-Octylphthalate	35.12	149	9179	N.D.	
70)	Benzo(b)fluoranthene	36.13	252	7041	N.D.	

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

Data File : C:\HPCHEM\1\DATA\OCT1101\22976.D Vial: 7
Acq On : 11 Oct 2001 3:37 pm Operator: 209 GALOS
Sample : reinject Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 11 16:25 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

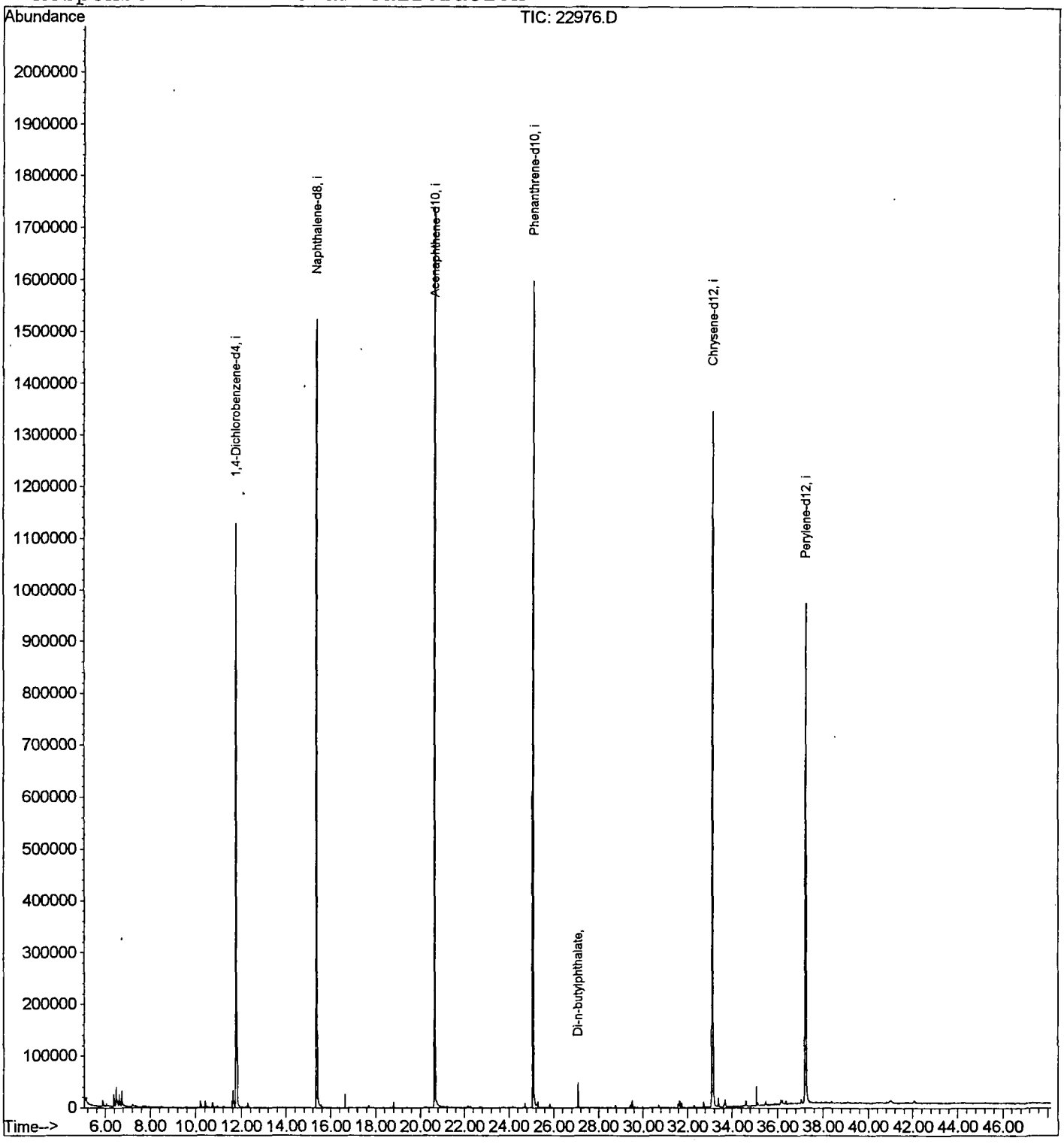
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71)	Benzo(k)fluoranthene	36.13	252	6418	N.D.	
72)	Benzo(a)pyrene	37.04	252	6136	N.D.	
73)	Indeno(1,2,3-cd)pyrene	40.95	276	6384	N.D.	
74)	Dibenz(a,h)anthracene	41.02	278	5117	N.D.	
75)	Benzo(g,h,i)perylene	42.08	276	5788	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT1101\22976.D Vial: 7
Acq On : 11 Oct 2001 3:37 pm Operator: 209 GALOS
Sample : reinject Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 11 16:25 2001 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 : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT1101\22976.D Vial: 7
Acq On : 11 Oct 2001 3:37 pm Operator: 209 GALOS
Sample : reinject 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

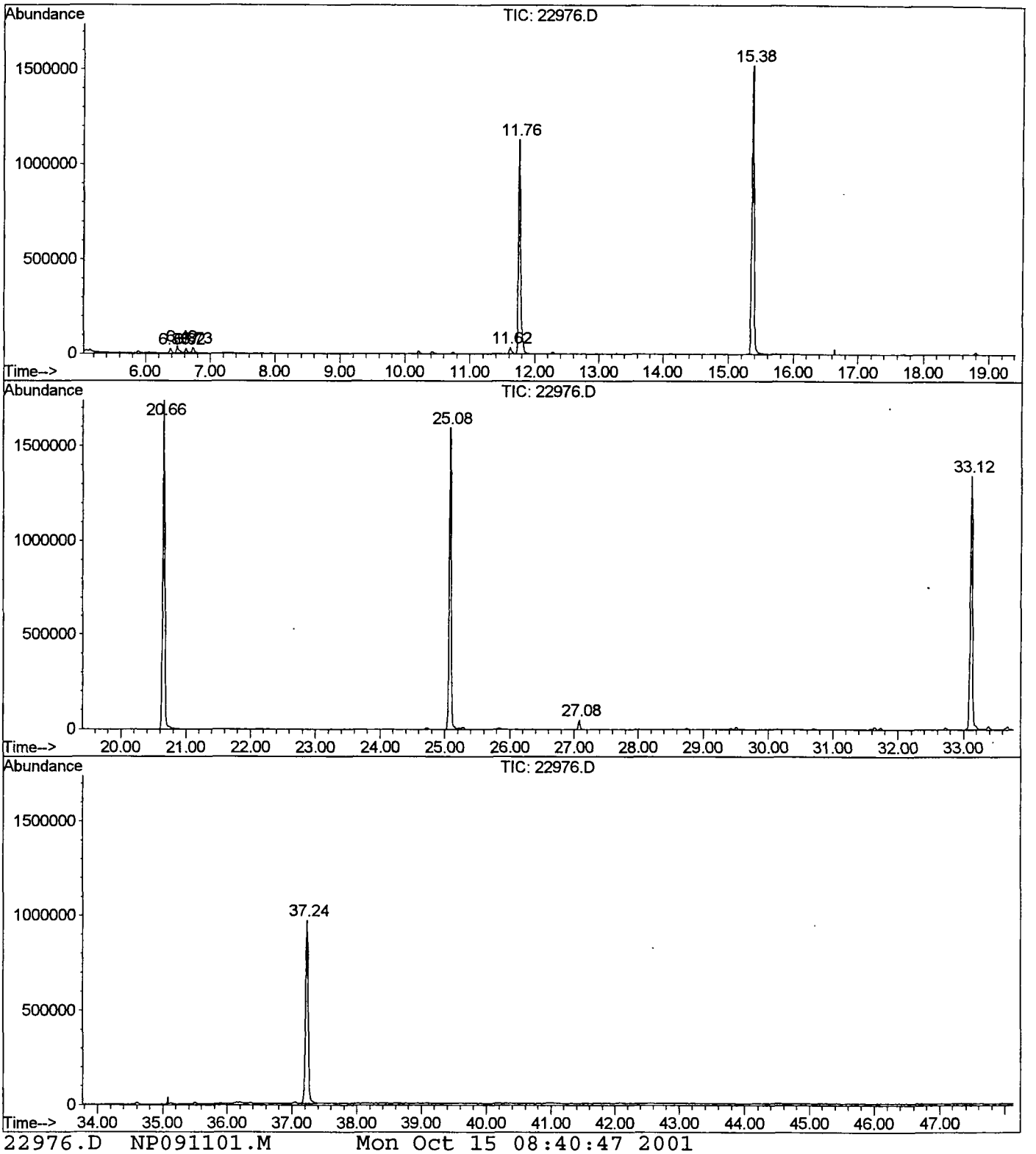
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.381	143	146	153	rBV	22563	44974	1.16%	0.222%
2	6.491	154	158	168	rVV	37835	97764	2.52%	0.483%
3	6.620	168	172	178	rVV	22106	47638	1.23%	0.235%
4	6.730	181	184	194	rVB	28122	63238	1.63%	0.312%
5	11.623	713	717	727	rBV	31964	70927	1.83%	0.350%
6	11.761	727	732	755	rVB	1128343	2638095	67.96%	13.030%
7	15.378	1119	1126	1142	rBV	1522199	3645592	93.92%	18.007%
8	20.656	1693	1701	1718	rBV	1738904	3881676	100.00%	19.173%
9	25.081	2175	2183	2195	rBV2	1597443	3621127	93.29%	17.886%
10	27.083	2394	2401	2408	rBV	49186	94689	2.44%	0.468%
11	33.123	3046	3059	3073	rBV2	1344993	3240377	83.48%	16.005%
12	37.236	3497	3507	3525	rVV2	963926	2799496	72.12%	13.828%

Sum of corrected areas: 20245593

22976.D NP091101.M Mon Oct 15 08:40:45 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT1101\22976.D
Operator : 209 GALOS
Acquired : 11 Oct 2001 3:37 pm using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: reinject
Misc Info :
Vial Number: 7
Quant File :NP091101.RES (RTE Integrator)



22976.D NP091101.M Mon Oct 15 08:40:47 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1101\22976.D
Acq On : 11 Oct 2001 3:37 pm
Sample : reinject
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

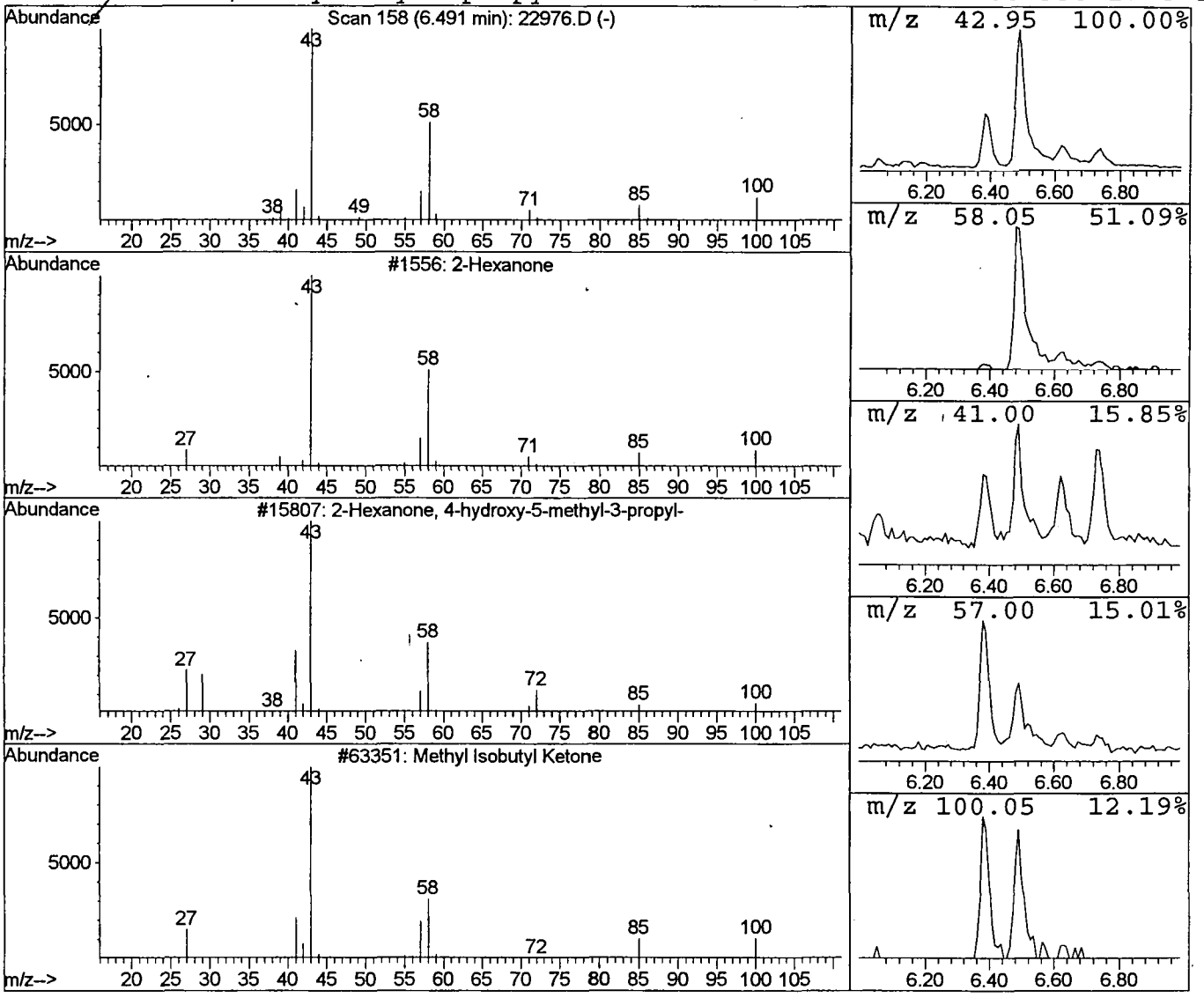
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Hexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	0.74 ug/l	97764	1,4-Dichlorobenzene-d4	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	91
2	2-Hexanone, 4-hydroxy-5-methyl-3-pr	172	C10H20O2	061141-74-0	78
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	52
4	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	40



Data File : C:\HPCHEM\1\DATA\OCT1101\22976.D
Acq On : 11 Oct 2001 3:37 pm
Sample : reinject
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

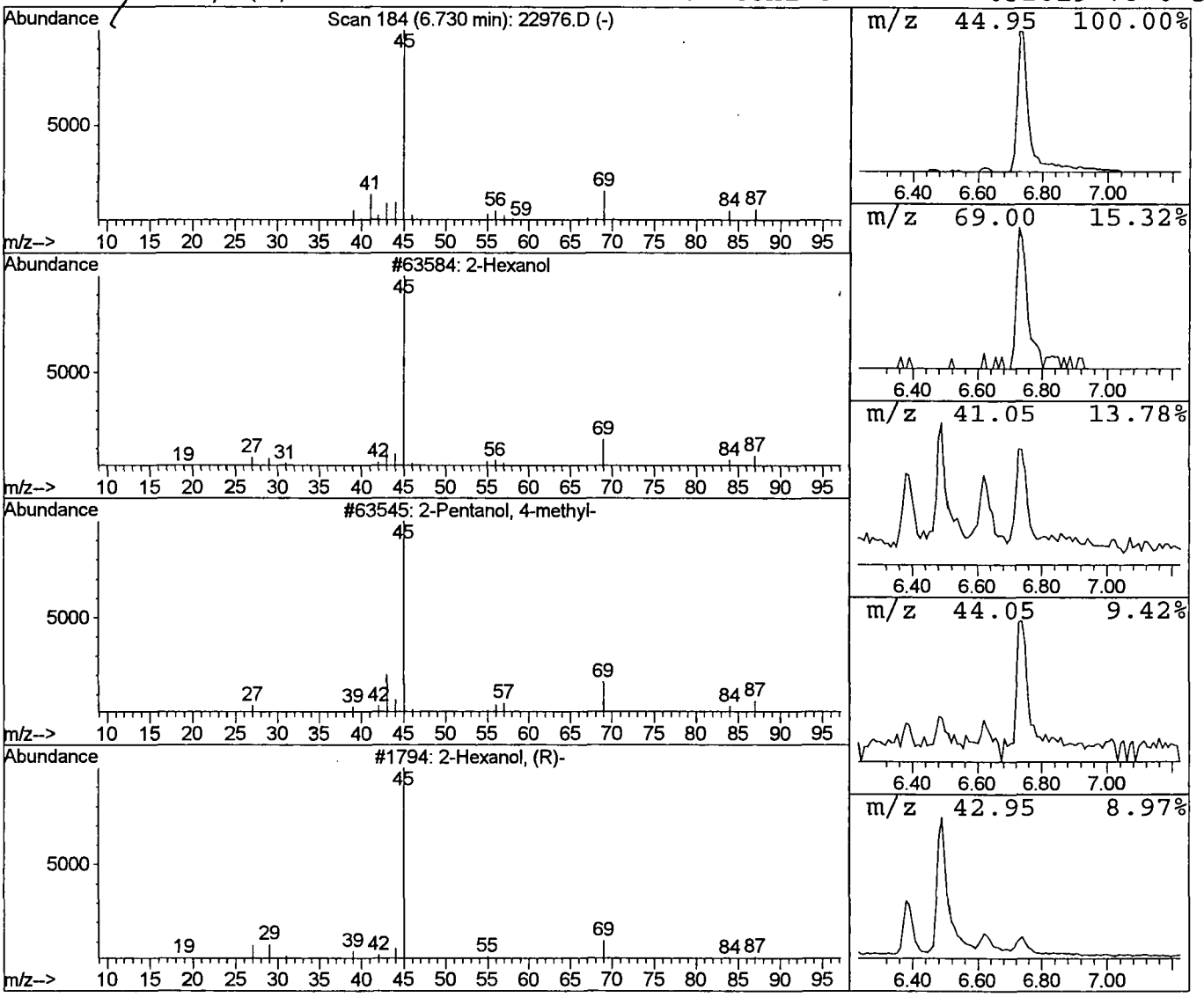
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	0.48 ug/l	63238	1,4-Dichlorobenzene-d4	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	78
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	78
3	2-Hexanol, (R)-	102	C6H14O	026549-24-6	56
4	2-Hexanol, (S)-	102	C6H14O	052019-78-0	56



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1101\22976.D
Acq On : 11 Oct 2001 3:37 pm
Sample : reinject
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

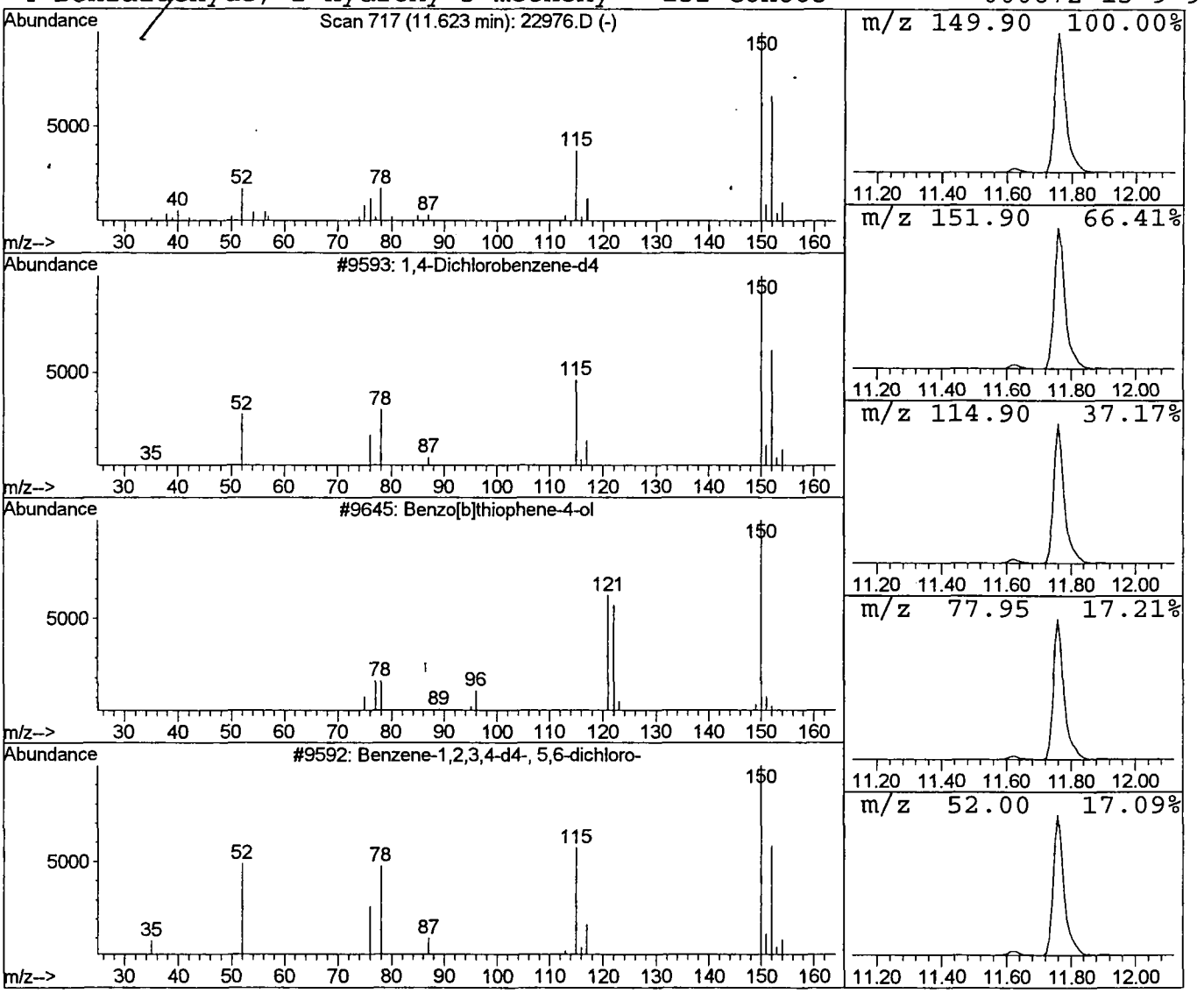
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 1,4-Dichlorobenzene-d4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	0.54 ug/l	70927	1,4-Dichlorobenzene-d4	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	50
2	Benzo[b]thiophene-4-ol	150	C8H6OS	003610-02-4	23
3	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	12
4	Benzaldehyde, 2-hydroxy-5-methoxy-	152	C8H8O3	000672-13-9	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 11 Oct 2001 3:37 pm
Data File: C:\HPCHEM\1\DATA\OCT1101\22976.D
Name: reinject
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
~~2-Hexanone~~	6.49	0.7	ug/l	97764	ISTD01	11.76	2638100	20.0
~~2-Hexanol~~	6.73	0.5	ug/l	63238	ISTD01	11.76	2638100	20.0
~~1,4-Dichloro~~benzene-	11.62	0.5	ug/l	70927	ISTD01	11.76	2638100	20.0

22976.D NP091101.M Mon Oct 15 08:40:55 2001