User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/30/2002 Time: 15:28:06

Sample: AE11604
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/30/02 15:27 Ended: 5/30/02 15:27 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		100		10.0

Comments for Sample AE11604 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-30-2002 Time: 15:29:39

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2102\11604.D Vial: 33
Acq On : 22 May 2002 10:06 pm Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 24 8:22 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.14	152	382655	40.00	ug/l	0.00
10) Naphthalene-d8	15.78	136	1499205	40.00	ug/l	-0.01
17) Acenaphthene-d10	21.08	164	710522	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.52	188	948088	40.00	ug/l	-0.01
38) Chrysene-d12	33.58	240	541556	40.00	ug/l	-0.03
44) Perylene-d12	37.79	264	348181	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.22	209	142279	39.84	ug/L	-0.01
Spiked Amount 40.000			Recovery = 99.60%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
8) N-Nitrosodi-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.83	128	1452	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.57	149	566	N.D.		
26) 4-Chlorophenylphenylether	23.22	204	651	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.23	168	376	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.52	178	102	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2102\11604.D Vial: 33
Acq On : 22 May 2002 10:06 pm Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 24 8:22 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

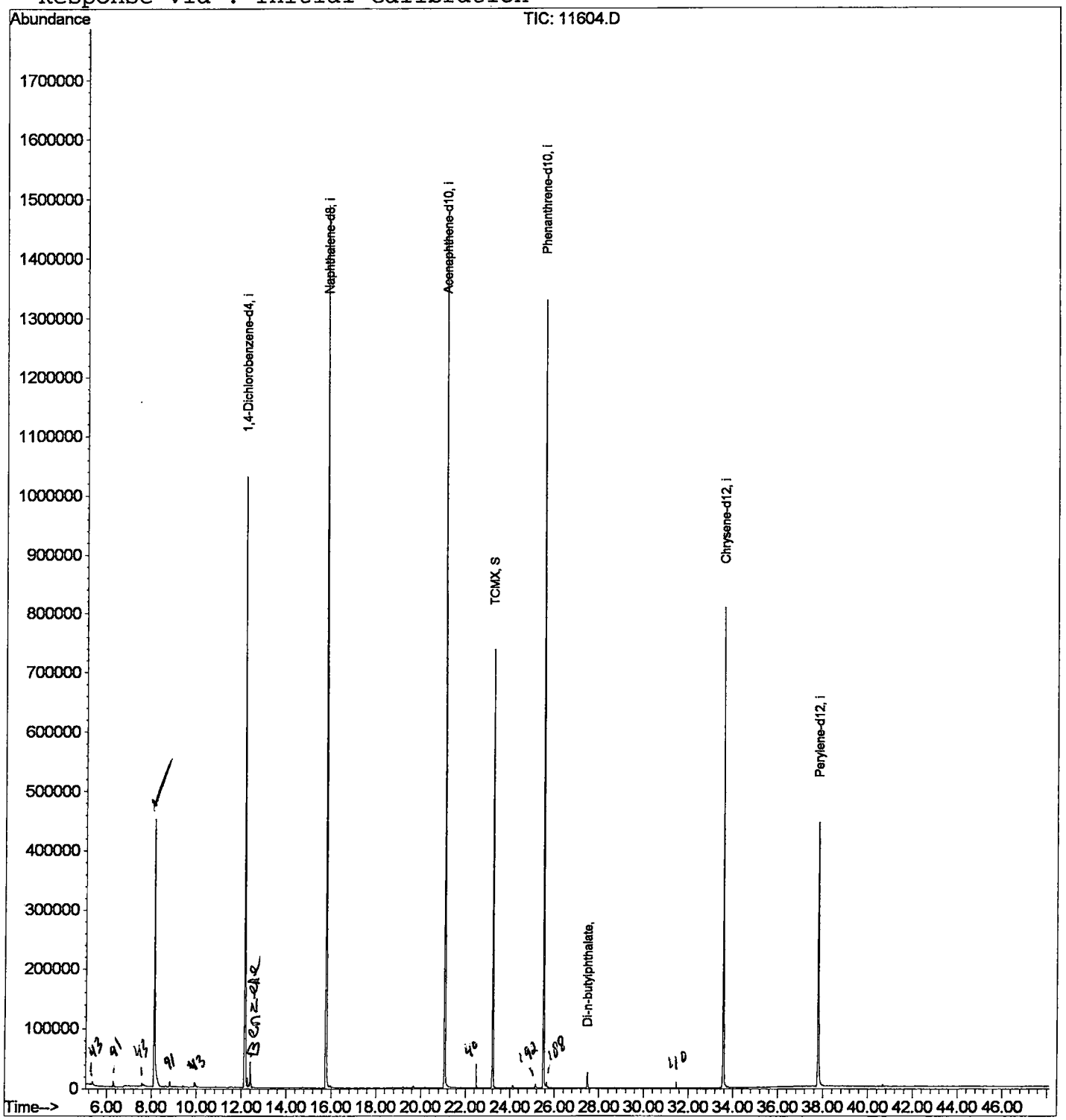
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	0.00	178	0	N.D.	
36)	Di-n-butylphthalate	27.50	149	27063	0.87 ug/l	100
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.57	228	1118	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.80	149	620	N.D.	
43)	Chrysene	33.57	228	1118	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.79	252	1242	N.D.	
49)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11604.D Vial: 33
Acq On : 22 May 2002 10:06 pm Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 24 8:22 2002 Quant Results File: GCMS0520.RES

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11604.D Vial: 33
Acq On : 22 May 2002 10:06 pm Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
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

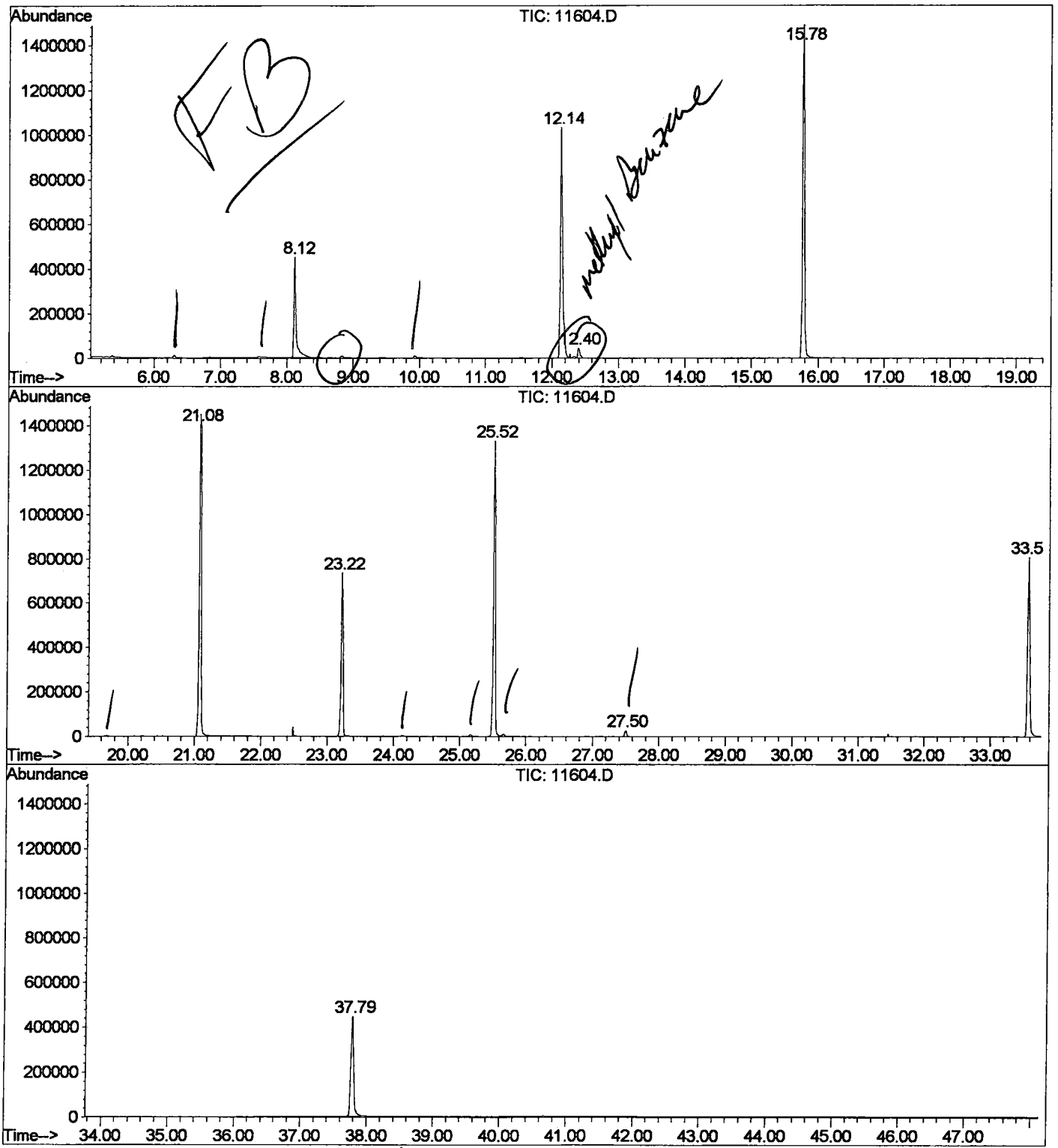
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.119	332	336	365	rVB	448931	1062124	34.94%	6.295%
2	12.142	770	775	788	rBV	1029782	2343953	77.12%	13.893%
3	12.398	799	803	812	rVB	42587	92023	3.03%	0.545%
4	15.780	1166	1172	1186	rBV	1487645	3039490	100.00%	18.016%
5	21.076	1744	1750	1765	rBV	1450653	3019468	99.34%	17.897%
6	23.221	1976	1984	1990	rBV	736781	1497605	49.27%	8.877%
7	25.521	2228	2235	2246	rBV2	1329593	2684919	88.33%	15.914%
8	27.500	2447	2451	2460	rVB	25686	48076	1.58%	0.285%
9	33.576	3106	3114	3131	rBV2	807639	1761876	57.97%	10.443%
10	37.791	3565	3574	3588	rBV2	442640	1321652	43.48%	7.834%

Sum of corrected areas: 16871186

11604.D GCMS0520.M Fri May 24 08:33:46 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2102\11604.D
Operator :
Acquired : 22 May 2002 10:06 pm using AcqMethod GCMS0520
Instrument : 209
Sample Name: EXTRACT5/20
Misc Info :
Vial Number: 33
Quant File :GCMS0520.RES (RTE Integrator)



11604.D GCMS0520.M Fri May 24 08:33:47 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11604.D Vial: 33
Acq On : 22 May 2002 10:06 pm Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

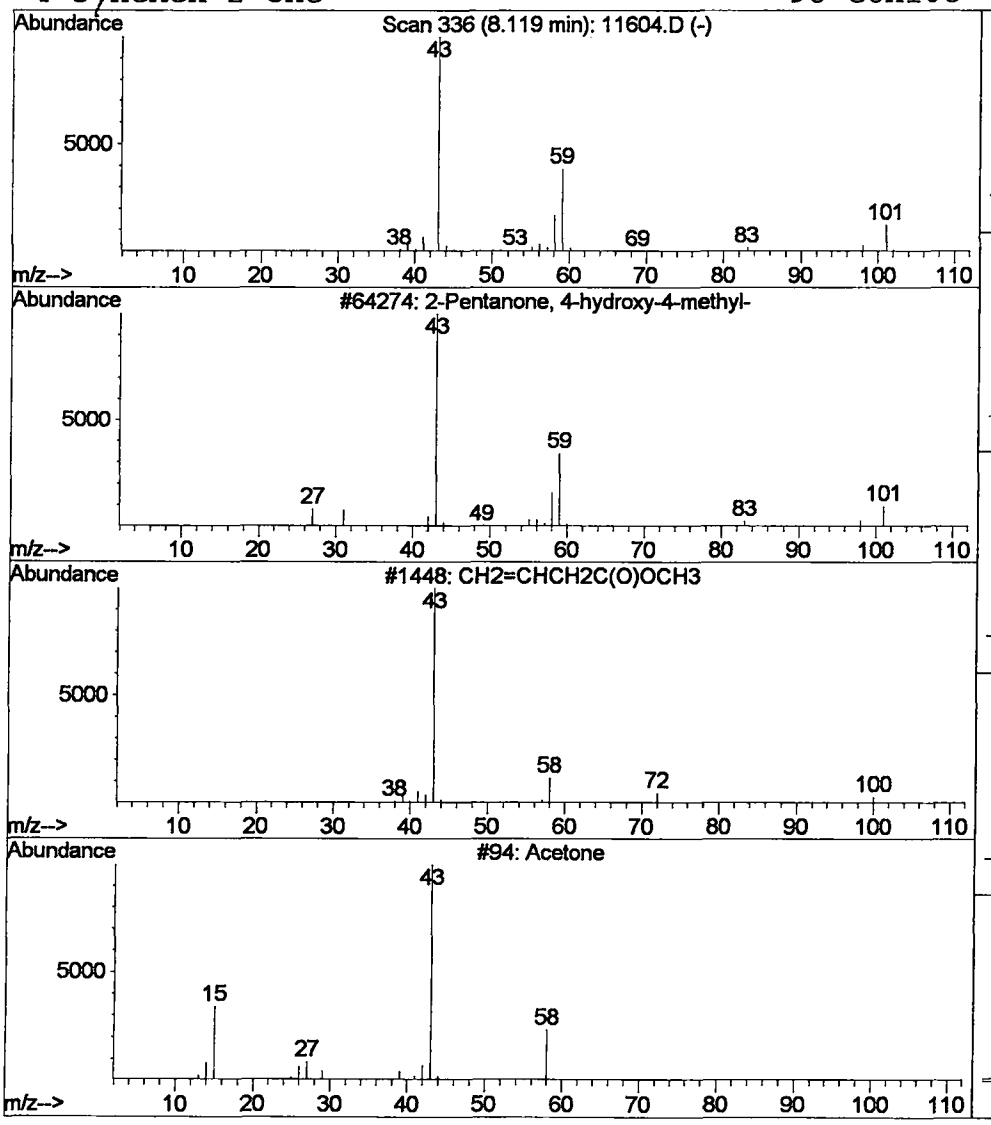
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

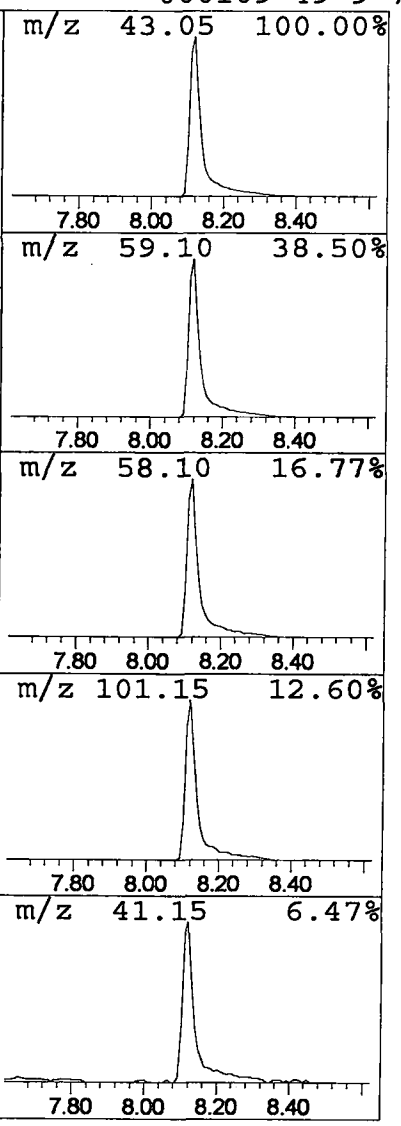
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	18.13 ug/l	1062120	1,4-Dichlorobenzene-d4	12.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	Acetone	58	C3H6O	000067-64-1	7
4	5-Hexen-2-one	98	C6H10O	000109-49-9	7





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11604.D Vial: 33
Acq On : 22 May 2002 10:06 pm Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

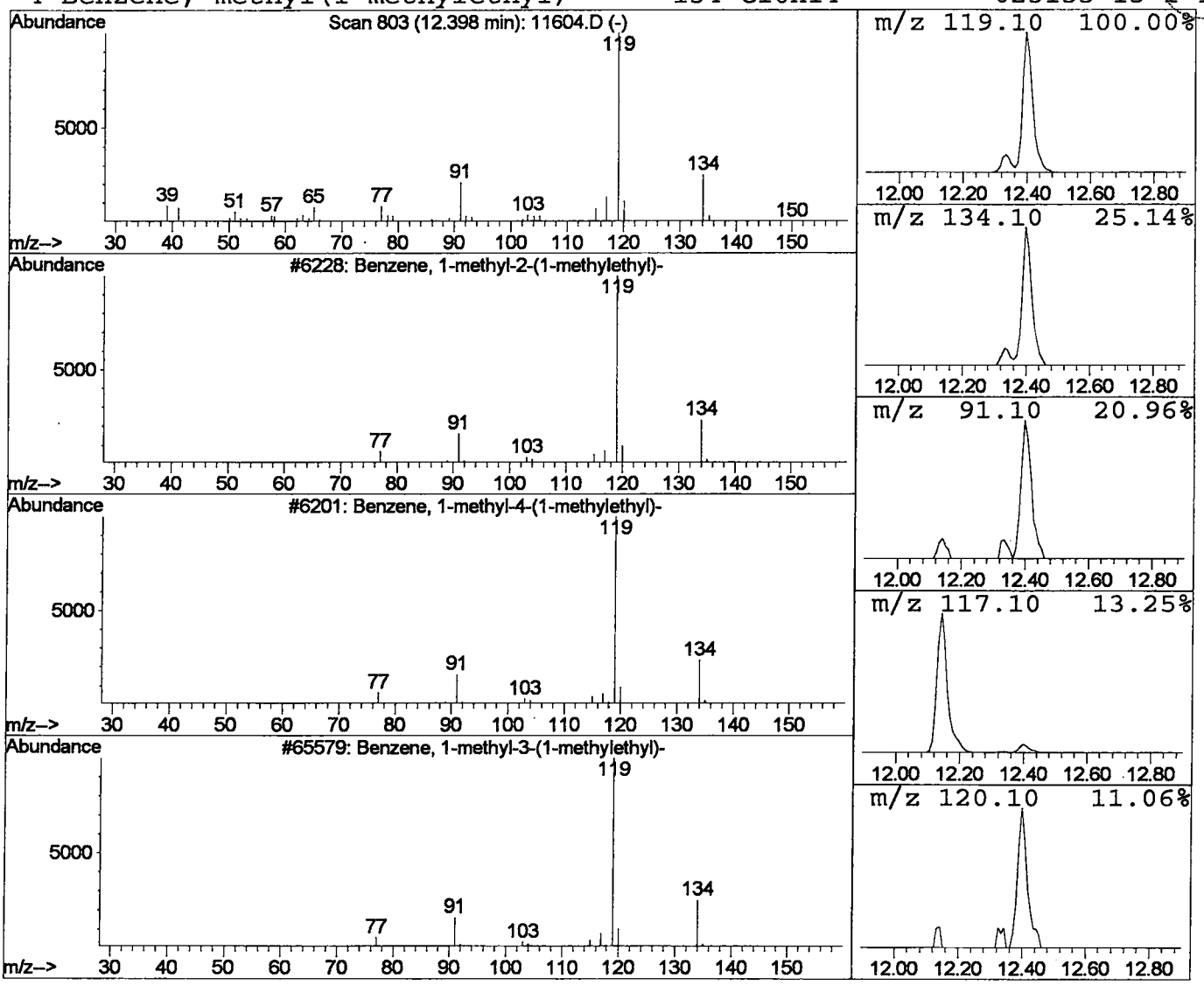
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Benzene, 1-methyl-2-(1-methyle Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	1.57 ug/l	92023	1,4-Dichlorobenzene-d4	12.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methylethyl)	134	C10H14	000527-84-4	94
2	Benzene, 1-methyl-4-(1-methylethyl)	134	C10H14	000099-87-6	94
3	Benzene, 1-methyl-3-(1-methylethyl)	134	C10H14	000535-77-3	91
4	Benzene, methyl(1-methylethyl)-	134	C10H14	025155-15-1	91



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 May 2002 10:06 pm
Data File: C:\HPCHEM\1\DATA\MAY2102\11604.D
Name: EXTRACT5/20
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
2-Pentanone, 4-hydro	8.12	18.1	ug/l	1062120	ISTD01	12.14	2343950	40.0
Benzene, 1-methyl-2-	12.40	1.6	ug/l	92023	ISTD01	12.14	2343950	40.0

11604.D GCMS0520.M Fri May 24 08:33:49 2002